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BUREAU OF SOLID &
HAZARDOUS WASTE MANAGEMENT

Technical Memorandum

**Pre-design Task 10
River and Floodplain Hydraulics Study**

**Moss-American Site
Milwaukee, Wisconsin**

January 1993



OFFICE COPY



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8 January 1993

Ms. Bonnie L. Eleder
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JAN 11 1993
BUREAU OF SOLID -
HAZARDOUS WASTE MANAGEMENT

Re: Technical Memorandum - Predesign Task 10
Moss-American Site, Milwaukee, Wisconsin

Dear Ms. Eleder:

Roy F. Weston, Inc. (WESTON®), on behalf of the settling defedent for the Moss-American Superfund Site, Kerr-McGee Chemical Corporation (KMCC), is hereby transmitting the above-referenced Technical Memorandum (TM).

This TM presents the findings of the Predesign Task 10 study of existing river and floodplain hydraulics. This task was completed following the methodologies presented in the U.S. EPA - approved Interim Predesign Work Plan (3 December 1991).

Please direct any questions or comments on this transmittal to the undersigned.

Very truly yours,

ROY F. WESTON, INC.

Gary J. Deigan
Senior Project Manager

Kurt S. Stimpson
Project Director

GJD/lh
Enclosure (3 copies)





Ms. Bonnie L. Eleder
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8 January 1993

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Ms. Bonnie L. Eleder
U.S. EPA

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8 January 1993

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**TECHNICAL MEMORANDUM
PREDESIGN TASK 10
RIVER AND FLOODPLAIN HYDRAULICS STUDY**

Prepared for


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SECTION 1 INTRODUCTION

1.1 PURPOSE/OBJECTIVES

The purpose of Predesign Task 10 was to analyze the existing river and floodplain hydraulics. This analysis will be used to evaluate various alternative river realignments for the portion of the Little Menomonee River between Brown Deer Road and its confluence with the Menomonee River. The alternative alignments will be identified and evaluated as part of Predesign Task 9 - Identify and Evaluate Alternative Alignments for the Little Menomonee River, and will be reported in a subsequent technical memorandum.

Predesign Task 10 included four separate subtasks: 1) Collect Watershed Data; 2) Hydrologic Analysis; 3) Hydraulic Analysis; and 4) Floodplain Mapping. The objectives for each of these subtasks included:

Collect Watershed Data

- Obtaining cross-sectional geometry of the existing stream channel and floodplain.
- Identifying existing stream channel characteristics (slope, roughness, etc.).
- Identifying existing stream flow characteristics (flow range, velocity, etc.).
- Identifying watershed hydrologic characteristics -- existing and future (basin size and shape, runoff coefficients, land use, vegetation, soils, etc.).

Hydrologic Analysis

- Determining the flow/frequency relationship for the Little Menomonee River.

Hydraulic Analysis

- Determining the water surface elevations (flood stage) for various frequency flood events.
- Determining the hydraulic characteristics (spatially) within the river's floodplain.
- Identifying areas prone to flooding every two years and that have sluggish movement of flood waters or ponding that may yield sediment deposition.
- Identifying all hydraulic structures in the Little Menomonee River floodplain (outfall structures, storage facilities, culverts, bridges, etc.) and assessing their current relationship to the hydraulics of the river.

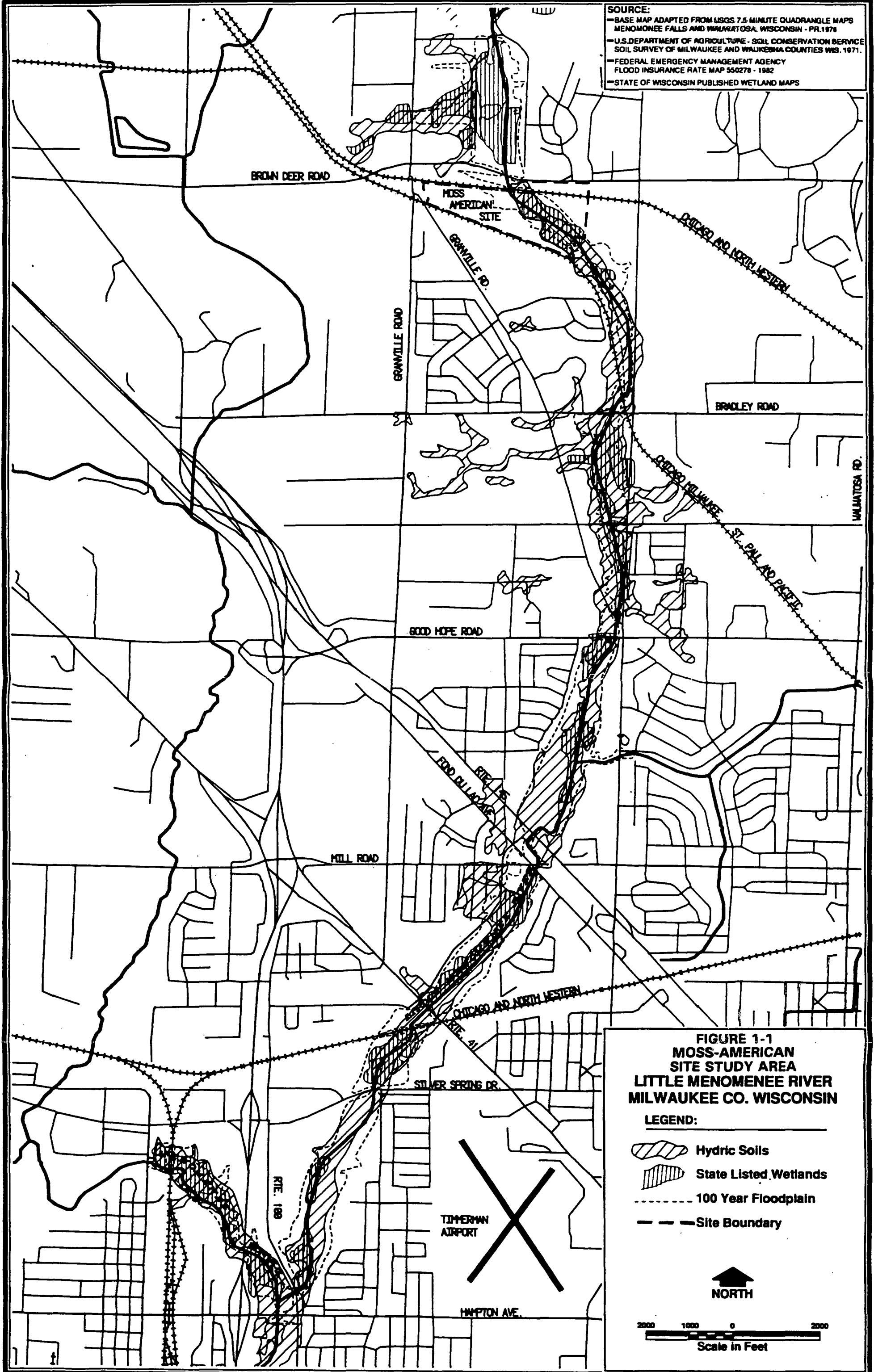
Floodplain Mapping

- Entering all pertinent hydraulic data into a geographic information system (GIS) for mapping to provide the basis for analysis of alternative alignments.



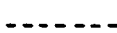

1.2 STUDY AREA

The study area for this predesign task consisted of the five mile stretch of the Little Menomonee River from Brown Deer Road to its confluence with the Menomonee River. The Little Menomonee River discharges to the Menomonee River approximately 450 feet upstream of the City of Wauwatosa corporate limits. This point is approximately 12.6 miles upstream from the confluence of the Menomonee River and the Milwaukee River. Figure 1-1 presents the location of the Little Menomonee River and the Moss-American Site study area.

SOURCE:
 -BASE MAP ADAPTED FROM USGS 7.5 MINUTE QUADRANGLE MAPS
 MEMONEE FALLS AND WAUKATOSA, WISCONSIN - PR.1976
 -U.S.DEPARTMENT OF AGRICULTURE - SOIL CONSERVATION SERVICE
 SOIL SURVEY OF MILWAUKEE AND WAUKESHA COUNTIES WIS. 1971.
 -FEDERAL EMERGENCY MANAGEMENT AGENCY
 FLOOD INSURANCE RATE MAP 550278 - 1982
 -STATE OF WISCONSIN PUBLISHED WETLAND MAPS



**FIGURE 1-1
 MOSS-AMERICAN
 SITE STUDY AREA
 LITTLE MEMONEE RIVER
 MILWAUKEE CO. WISCONSIN**

- LEGEND:**
-  Hydric Soils
 -  State Listed Wetlands
 -  100 Year Floodplain
 -  Site Boundary



SECTION 2 WATERSHED DATA COLLECTION

This section describes the information sources used to obtain data for the hydrologic and hydraulic analysis. Most of this information was obtained by mail or telephone. Some information was obtained by field surveys.

2.1 FLOOD INSURANCE STUDY

Roy F. Weston, Inc. (WESTON®) obtained a copy of the Flood Insurance Study (FIS) for the City of Milwaukee from the Federal Emergency Management Agency (FEMA) (FEMA, 1987). The hydraulic model and the input and output data for the FIS (HEC-2 hydraulic model [U.S. Army Corps of Engineers Hydraulic Engineering Center, 1990]) was obtained from Greenhorne & O'Mara, Inc., FEMA's repository for FIS backup data.

The FIS was performed by the U.S. Geological Survey under the authority of the National Flood Insurance Act of 1968 and the Flood Disaster Protection Act of 1973 and was completed in September 1979. Revisions to the FIS for Lincoln Creek and the Menomonee River were adopted in November 1985 and for the Kinnickinnic River in November 1987. This FIS included a detailed study on 6.9 miles of the Little Menomonee River within Milwaukee County and an "approximate" study on a "Tributary of Little Menomonee River" that enters the Little Menomonee River within the study area. An "approximate" study is based on high water marks and alluvial soils and is not performed with a computer model.

2.1.1 Hydrologic Methodology

The hydrologic analysis of the Little Menomonee River for the FIS was performed using a simulation model called Hydrocomp (Hydrocomp, 1976). This model uses several

meteorologic factors and land characteristics to determine the volume and temporal distribution of surface water flow. Peak flow values at several locations of the river are calculated by the model. These peak flows are then used for input to the HEC-2 model (see Subsection 2.1.2). The results of the Hydrocomp modeling were verified by comparison with available stream flow data.

2.1.2 Hydraulic Methodology

In the FIS, the hydraulic analysis was performed using the HEC-2 computer program to model water surface profiles. HEC-2 is specifically designed for calculating water surface profiles in natural or man-made channels. Therefore, the effects of various obstructions such as bridges, culverts, weirs, and structures in the floodplain can be accounted for in the computations. HEC-2 determines energy loss due to friction using Manning's equation. This computational procedure is generally known as the "standard step" method.

For the FIS, roughness factors, in terms of Manning's 'n' values, were determined from field observation and aerial photographs. Channel cross sections and structures were measured in the field and the overbank portions were determined from topographic maps, photogrammetric interpretation, and field surveys. All elevations were referenced from the National Geodetic Vertical Datum of 1929.

2.2 USGS GAGE DATA

Since no gaging stations are located on the Little Menomonee River, WESTON obtained data from similar gaged watersheds. Historical flow data were retrieved from the U.S. EPA STORage and RETrieval (STORET) database for two similar watersheds in the region -- Weller Creek and Oak Creek. These were used because they are similar in size and land use to the Little Menomonee River drainage area, and there was at least 25 years of gage

area of 13.2 square miles (Richards et.al., 1982) and Oak Creek (USGS Gaging Station 04087204) at South Milwaukee, Wisconsin has a drainage area of 25.0 square miles (Holmstrom et al., 1990). USGS gage data is discussed in more detail in Subsection 3.3.

2.3 PHOTOGRAMMETRIC SURVEY

WESTON obtained aerial photography and detailed topography for the Little Menomonee River corridor from Brown Deer Road downstream to the River's confluence with the Menomonee River. Digital topographic maps were developed with one foot contour intervals. The date of photography for this mapping was 16 April 1991.

2.4 USGS MAP FEATURES

The following USGS 7.5 Minute Quadrangle Maps were obtained:

- Five Corners, Wisconsin, N4315-W8800, Photorevised 1971 & 1976.
- Cedarburg, Wisconsin, N4315-W8752.5, Photorevised 1971 & 1976.
- Menomonee Falls, Wisconsin, N4307.5-W8800, Photorevised 1971 & 1976.
- Thiensville, Wisconsin, N4307.5-W8752.5, Photorevised 1971 & 1976.
- Wauwatosa, Wisconsin, N4300-W8800, Photorevised 1971 & 1976.

2.5 OTHER AVAILABLE INFORMATION

Additional information for use in Predesign Task 10 was obtained from the Southeastern Wisconsin Regional Planning Commission in two planning reports: A Stormwater Drainage and Flood Control System Plan for the Milwaukee Metropolitan Sewerage District (Southeastern Wisconsin Regional Planning Commission, 1990), and, A Comprehensive Plan for the Menomonee River Watershed (Southeastern Wisconsin Regional Planning

Commission, 1976). These sources provided additional hydrologic and hydraulic characteristics that aided in the analyses described in Sections 3 and 4.

2.6 FIELD RECONNAISSANCE

The stream corridor was inspected by WESTON on 5 through 9 October 1992. During this inspection, WESTON evaluated the materials and vegetation found in the channel and on the overbanks to confirm roughness coefficients from the FIS HEC-2 hydraulic model. Field notes and photographs of the pertinent features of the stream corridor were taken during the inspection. Log jams, temporary ponds, areas that are confined by berms, and other features that affect drainage patterns were documented. Notes and photographs were also taken on the type and location of drainage structures that must be avoided by alternative river alignments (Task 9). The dimensions of several bridges that had been replaced or modified since the publication of the FIS were measured and this data was recorded. WESTON also inspected the proposed site for the installation of a flow gage (Subsection 3.4).

SECTION 3 HYDROLOGIC ANALYSIS

3.1 LITTLE MENOMONEE RIVER WATERSHED

The Little Menomonee River has its headwaters in the Village of Germantown and the City of Mequon. The river flows southerly through the western edge of the City of Milwaukee to its confluence with the Menomonee River, near the City of Wauwatosa corporate limits. The confluence is approximately 12.6 miles upstream from where the Menomonee River enters the Milwaukee River. The Little Menomonee River watershed is a surface water drainage unit covering approximately 21.8 square miles (Figure 3-1). The watershed is bounded on the east and north by the Milwaukee River watershed and on the south and west by the Menomonee River watershed.

3.1.1 Sub-basins






The hydrologic analysis focuses on the area from Brown Deer Road (at approximate river mile 5.89) downstream to the mouth of the Little Menomonee River. For the purpose of this analysis, WESTON divided the watershed into six sub-basins, numbered one through six, as shown on Figure 3-1. Each sub-basin is described below:

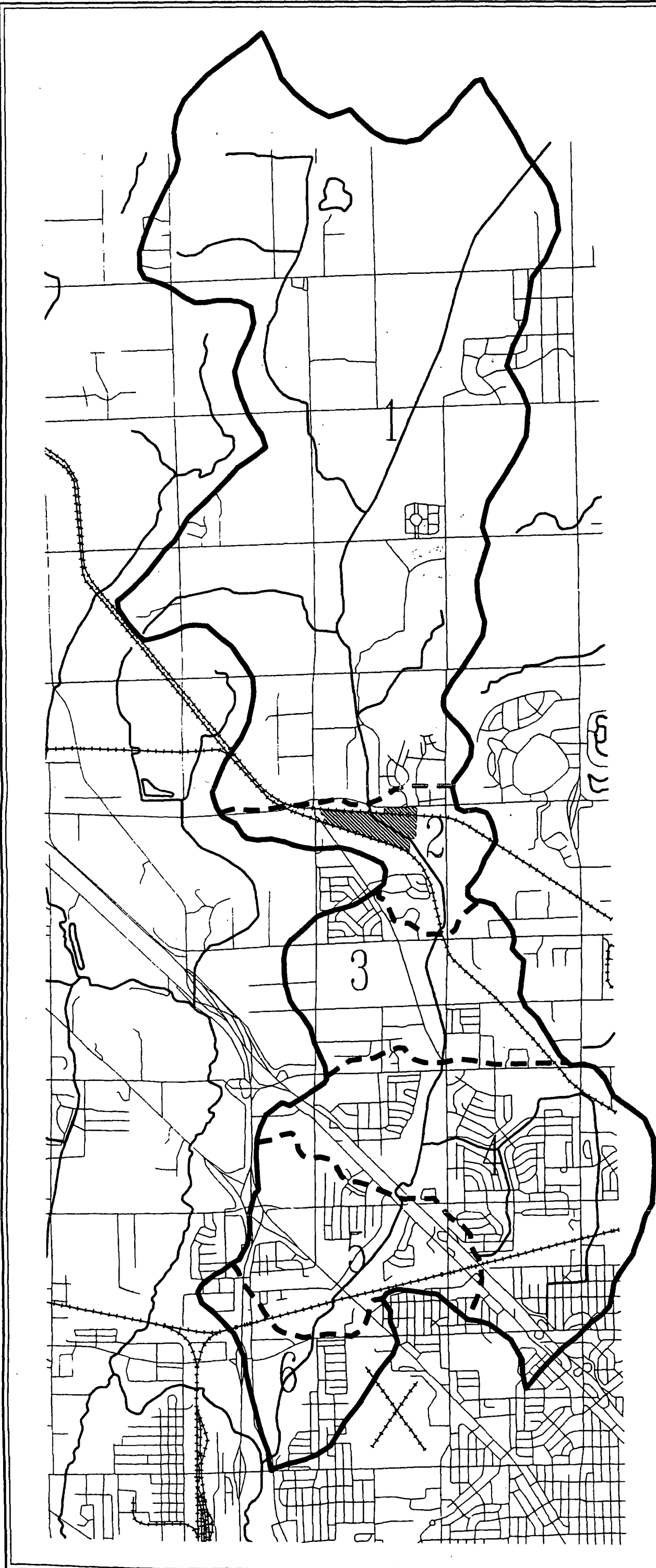
- Sub-basin 1 comprises the area from the headwaters downstream to Brown Deer Road, 5.89 miles upstream of the confluence, and encompasses 12.1 square miles.
- Sub-basin 2 extends from Brown Deer Road to Bradley Road, 4.66 miles upstream of the confluence, and encloses 1.1 square miles.
- Sub-basin 3 extends from Bradley Road to Good Hope Road, 3.63 miles upstream of the confluence, and contains 1.95 square miles.

FIGURE 3-1
SUB-BASIN MAP

Little Menomenee River
Milwaukee Co., Wisconsin

Legend

-  Roads
-  Streams
-  Drainage Boundary
-  Sub-basin Boundary
-  Moss American Site



Scale 1 Inch = 4000 Feet

2000 0 2000 4000

WESTON
MANAGERS DESIGNERS/CONSULTANTS

- Sub-basin 4 extends from Good Hope Road to Mill Road, 2.40 miles upstream of the confluence, and encompasses 3.84 square miles.
- Sub-basin 5 extends from Mill Road to Silver Spring Drive, 1.11 miles upstream of the confluence, and encloses 1.77 square miles.
- Sub-basin 6 extends from Silver Spring Drive to the confluence and contains 1.02 square miles.

3.1.2 Physiographic Description

The 21.8-square-mile Little Menomonee River watershed is a narrow, irregularly shaped drainage basin with distinct upper and lower lobes, with its major axis oriented approximately north and south. Its length, measured between the northernmost and the southernmost points in the watershed, is approximately eleven miles. The watershed, in both upper and lower lobes, has a maximum width of approximately 3.25 miles and a minimum width of 0.6 miles located approximately 0.5 miles south of Brown Deer Road.

3.1.3 Topography

Most of the watershed is covered by gently sloping ground moraine. Surface elevations within the watershed range from a high of approximately 920 feet in the Village of Germantown to approximately 700 feet at the confluence. The area of greatest local relief is located in Germantown and the City of Mequon on the headwater area known as Little Menomonee Creek.

3.1.4 Land Use

Land use in the Little Menomonee River watershed varies from open space, woodlands and agriculture to residential developments and commercial and industrial facilities. The lower lobe is generally more developed than the upper lobe. Since the watershed contains

attractive rolling geography, continued residential development in both the upper and lower lobes is anticipated.

3.2 FLOWS IN LITTLE MENOMONEE RIVER

The 100-year flows reported in FIS are the officially recognized flows for the Little Menomonee River. The City of Milwaukee Department of Building Inspection and Plan Examination, for example, refers to the FIS for flow values and floodplain boundaries. In a phone conversation with Mr. Greg Patton of the City Department of Building Inspection on 7 February 1992, he reported that his department did not refer to any other maps or study data for flow information. Therefore, WESTON used the flows for the Little Menomonee River reported in the FIS for the hydraulic analyses of the alternative river alignment evaluations (Predesign Task 9).

3.3 VERIFICATION OF FIS FLOWS

There are no continuous flow monitoring stations located on the Little Menomonee River. The flow values reported in the FIS by comparing them to gaged sites in two similar watersheds. The watersheds were compared as follows:

1. Select similar watersheds containing USGS continuous flow monitoring stations.
2. Perform Log Pearson Type III Flow Frequency Analysis on flows reported at gaged sites.
3. Proportion flow results of Log Pearson Analysis based on the ratio of gaged watershed drainage area to Little Menomonee River drainage area.
4. Compare the proportioned flows from the gaged watersheds to FIS flows for the Little Menomonee River.

The watersheds were selected based on similarity of drainage area shape and size and the degree and type of land development to that of the Little Menomonee River watershed, because the similarities in these physical characteristics should produce similar stormwater runoff and flood flows. In addition, adequate data for each watershed is required to determine statistically valid flows for different recurrence intervals. A flood event of a magnitude that is expected to be equalled or exceeded once on the average during any 100-year period (recurrence interval) is commonly termed the 100-year flood. The 2-, 10-, 50-, 100-, and 500-year floods have a 50, 10, 2, 1, and 0.2 percent chance, respectively, of being equalled or exceeded during any year.

The Little Menomonee River drains an area of approximately 21.8 square miles. The two watersheds chosen for this comparison were:

1. Weller Creek (USGS Gaging Station 0553000 at Des Plaines, Illinois) having a drainage area of 13.2 square miles and a period of record from October 1950 to current year.
2. Oak Creek (USGS Gaging Station 04087204 at South Milwaukee, Wisconsin) having a drainage area of 25.0 square miles and a period of record from October 1963 to current year.

Appendix A contains descriptions and location maps for each of these gaging stations.

A Log Pearson Type III frequency distribution analysis was performed on flow data from each gage using U.S. EPA STORET Flow Statistics software. This analysis is based on computation of the base 10 logarithms of the discharge, Q , at selected exceedance probabilities, P , by the equation:

$\text{Log } Q = X + KS$, where

X = mean logarithm

S = standard deviation of logarithms

K = factor that is function of skew coefficient

The Log Pearson Type III statistical analysis has been widely adopted for use in flood flow frequency determinations. Discussions of this log normal distribution analysis technique can be found in Viessman (1977) and in USGS Bulletin #17B (1982) referenced in Section 6 of this report.

Table 3-1 presents results of the Log Pearson Type III statistical analyses for Weller Creek and Oak Creek. These results are in the form of flows for the gaged locations for various return periods. These flows represent the flows in the two drainage basins before they have been proportioned to predict the flow in the Little Menomonee River.

Flows for selected recurrence intervals in Weller Creek and Oak Creek were used to predict expected flows in the Little Menomonee River by proportioning the sub-basin drainage areas to the drainage areas of the gaged sites. Tables 3-2 and 3-3 present the results of proportioning the flows.

Finally, the flows estimated for the Little Menomonee River by comparison to similar watersheds were compared to flows used in the FIS. Table 3-4 presents flows reported in the FIS for the Little Menomonee River that have been proportioned for each sub-basin. Tables 3-5 and 3-6 show the comparison of the 10-year and 100-year proportioned flows from the gaged watersheds to the FIS flows for the Little Menomonee River. This comparison demonstrates the validity of the flows used in the FIS.

Table 3-1
Flows at Gaged Sites (cfs)

Return Period	Weller Creek	Oak Creek
100-year	1,003.0	1,027.4
50-year	861.8	926.4
10-year	557.9	696.8
2-year	266.7	445.7
7 Q 10*	0.04	0.75

- * 7 Q 10 designates the lowest flow that can be expected to occur for seven consecutive days, every 10 years.

Table 3-2

Projected Little Menomonee River Sub-Basin Flows Based on Oak Creek Gage Data

OAK CREEK DRAINAGE AREA = 25.0 Square Miles			LITTLE MENOMONEE RIVER EXPECTED FLOWS (cfs)						
High Flow (yrs)	Low Flow (yrs)	Flow Rate (cfs)	Sub-basin No.:	1	2	3	4	5	6
			Cumulative Area (Sq. Mi.):	12.1	13.2	15.1	19.0	20.7	21.8
			Percent Area:	48.3	52.7	60.5	75.9	83.0	87.0
100		1,027.4		496.4	541.6	621.8	779.6	852.3	894.2
50		926.4		447.6	488.4	560.7	703.0	768.5	806.3
10		696.8		336.7	367.4	421.7	528.7	578.1	606.5
2		445.7		215.4	235.0	269.7	338.2	369.8	387.9
	7 Q 10'	0.745		0.4	0.4	0.5	0.6	0.6	0.6

* 7 Q 10 designates the lowest flow that can be expected to occur for seven consecutive days, every 10 years.

Table 3-3

Projected Little Menomonee River Sub-Basin Flows Based on Weller Creek Gage Data

WELLER CREEK DRAINAGE AREA = 13.2 Square Miles			LITTLE MENOMONEE RIVER EXPECTED FLOWS (cfs)						
High Flow (yrs)	Low Flow (yrs)	Flow Rate (cfs)	Sub-basin No.:	1	2	3	4	5	6
			Cumulative Area (Sq. Mi.):	12.1	13.2	15.1	19.0	20.7	21.8
			Percent Area:	91.5	99.8	114.6	143.7	157.1	164.8
100		1,003.0		917.9	1,001.5	1,149.7	1,441.4	1,575.9	1,653.4
50		861.8		788.7	860.5	987.8	1,238.5	1,354.1	1,420.7
10		557.9		510.6	557.1	639.5	801.8	876.6	919.7
2		266.7		244.1	266.3	305.7	383.3	419.0	439.7
	7 Q 10*	0.04		0.0	0.0	0.1	0.1	0.1	0.1

* 7 Q 10 designates the lowest flow that can be expected to occur for seven consecutive days, every ten years.

3.9

Table 3-4

Projected Little Menomonee River Sub-Basin Flows Based on FIS Data

CITY OF MILWAUKEE, WISCONSIN Flood Insurance Study (FIS)			LITTLE MENOMONEE RIVER EXPECTED FLOWS (cfs)						
High Flow (yrs)	Flow Rate @ 12.1 Sq Mi (cfs)*	Flow Rate @ 21.8 Sq Mi (cfs)**	Sub-basin No:	1	2	3	4	5	6
			Cumulative Area (Sq. Mi.):	12.1	13.2	15.1	19.0	20.7	21.8
			Percent Area:	55.4	60.5	69.4	87.0	95.1	99.8
100	770	1,500		768.5	851.3	998.0	1,287.0	1,420.2	1,497.0
50	580	1,200		578.7	649.0	773.7	1,019.1	1,132.2	1,197.4
10	330	800		329.0	382.3	476.8	662.9	748.6	798.1

* 12.1 Sq. Mi. is the area draining to Brown Deer Road (corresponds to sub-basin 1).

** 21.8 Sq. Mi. is the total drainage area of the Little Menomonee River.

Table 3-5
Flow Comparison for 10-Year Return Period

Little Menomonee River Flows Estimated From:			
Sub-basin Identification	FIS Flow (cfs)	Weller Creek Gage (cfs)	Oak Creek Gage (cfs)
1	329	511	337
2	382	557	367
3	477	640	422
4	663	802	529
5	749	877	578
6/Confluence	798	920	607

Table 3-6

Flow Comparison for 100-Year Return Period

Little Menomonee River Flows Estimated From:			
Sub-basin Identification	FIS Flow (cfs)	Weller Creek Gage (cfs)	Oak Creek Gage (cfs)
1	768	918	496
2	851	1,002	542
3	998	1,150	622
4	1,287	1,441	780
5	1,420	1,576	852
6/Confluence	1,497	1,653	894

3.4 FLOW GAGE INSTALLATION

Under the scope of Predesign Task 10, WESTON installed a continuous recording water level meter on 17 November 1992, in the Little Menomonee River on the upstream face of the box culvert at Brown Deer Road. This meter will acquire water elevation data at 15-minute intervals that will be used to calibrate the HEC-2 model. These data will be used in conjunction with a stage-discharge rating curve calculated from as-built drawings of the culvert beneath Brown Deer Road. In this manner, flood characteristics that will be modeled for various storm events can be calibrated with actual conditions.

The ENDECO/YSI, Inc. Type 1029 SSM Water Level Recorder was installed. It was chosen because the project length and expected extreme conditions warranted a very reliable, rugged and portable instrument. The Type 1029 is a completely solid state (no moving parts) microprocessor-controlled hydrostatic pressure gage. The pressure measurement incorporates a barometric pressure compensated and temperature linearized ceramic strain gage pressure transducer. The instrument has the following characteristics:

- POWER SOURCE: Direct current.
- CALIBRATED RANGE : 0 - 50 ft.
- ACCURACY : 0.05 ft.
- RESOLUTION : 0.012 ft.
- TEMPERATURE RANGE : -5 to +45 °C.

Data are relayed through a cable from the pressure transducer to a weather proof enclosure containing the data storage media. The data storage media are removable, nonvolatile 64 KB reusable EPROM memory cartridges.

The pressure transducer was mounted to a 2 x 8 lumber with a stainless steel bracket. The lumber was anchored to the vertical center support of the twin box culvert with lag bolts and

lead anchors placed in 1-¼-inch deep holes drilled into the concrete face. A channel was constructed with 2 x 2 boards capped with a 1 x 6 board in order to protect the connecting/vent cable from floating and or other debris that may collect over time. A rubber hose was placed around the cable to prevent chaffing of the cable from mounting hardware and potential ground/culvert maintenance work. The hose/cable assembly was anchored to the fence surrounding the culvert.

The weather proof enclosure housing for the data storage instrumentation was mounted to 2 x 10 x 2 lumber with stainless steel bracket. The board was then mounted to a fence post with U-bolts on the side of the culvert in the most inconspicuous location available.

WESTON will operate the flow gage for a period of at least one year. Data will be retrieved from the gage monthly and used to verify river flow projections.

3.5 SUMMARY

The Little Menomonee River drains an area of 21.8 square miles in the northern suburbs of Milwaukee. The flows reported in the FIS are the officially recognized flows for this river. Since there are no continuous monitoring gages on the Little Menomonee River, the FIS flows were verified by comparison to similar gaged watersheds.

For both the 10-year and 100-year recurrence intervals, flows used in the FIS for the Little Menomonee River fall within the range of flows predicted by comparison to similar watersheds with continuous flow monitoring stations. In view of the satisfactory comparison to flows recorded in similar watersheds, and based on the fact that the FIS flows are recognized by local officials, WESTON proposes to use flows in the FIS to perform the hydraulic modeling for the Little Menomonee River alternative alignment evaluation conducted under Predesign Task 9. A flow gage was installed at Brown Deer Road to confirm the calculated flows to be used in the alternative alignment evaluation.

SECTION 4 HYDRAULIC ANALYSIS

WESTON performed a hydraulic analysis of the Little Menomonee River to fulfill the objectives of Predesign Task 10, as outlined in Subsection 1.1. This section describes the methodology and presents the results of the hydraulic analysis.

4.1 RE-CREATION OF THE EXISTING HEC-2 MODEL

WESTON re-created the HEC-2 hydraulic model for the Little Menomonee River used in the FIS from a copy of the input file obtained from FEMA's repository for back-up data. WESTON entered the data for the portion of the river from the mouth of the Little Menomonee River upstream approximately 6.1 miles to Brown Deer Road (FIS section AY). During the data entry, WESTON identified an errant elevation at station 3.62 and corrected it for purposes of the model run. WESTON revised the FIS HEC-2 model to represent existing hydraulic conditions, as discussed in Subsection 4.2.

Table 4-1 shows a comparison of 100-year water surface elevations among the FIS reported data, the re-created FIS model, and the WESTON revised model. This table shows that both the re-created FIS and the WESTON revised models closely approximate the elevations published in the FIS report. There are some deviations, especially upstream and downstream from the structures, where increases in water surface elevations of up to 0.7 feet and decreases of up to 0.6 feet are observed. It is WESTON's professional judgement that these flood elevations are the best available estimates of the existing flooding conditions. Therefore, the alternative realignment flooding impact analysis will be based on the FIS HEC-2 model as revised by WESTON.

The roughness factors, in terms of Manning's 'n' values, used for the FIS were verified by WESTON field observation along with the use of aerial photographs to average the

Table 4-1
 Water Surface Elevations

FIS SEC ID	OLD SECNO	NEW SECNO	100 YEAR WATER SURFACE ELEVATIONS			DIST. FROM CONFLUENCE (FEET)
			FIS	RECREATED FIS	WESTON REVISED	
A	0.100	1	702.3	701.9	701.9	235
		2			702.1	257
		3			702.1	347
		4			702.1	456
		5			702.1	508
		6			702.3	608
		7			702.3	708
		8			702.3	808
		9			702.4	906
B	0.200	9.5	702.4	702.0	702.4	1195
		9.6			702.5	1435
C	0.300	10	702.4	702.1	702.5	1690
		10.5			702.5	1927
		11			702.5	2137
D	0.400	11.5	702.5	702.2	702.5	2389
		12			702.6	2638
		13			702.6	2704
		13.5			702.6	2710
		14			702.6	2760
E	0.600	14.5	702.6	702.3	702.7	2956
		15			702.7	3125
		15.5			702.8	3372
F	0.700	16	702.7	702.5	702.9	3608
		16.5			703.0	3960
		17			703.1	4105
		17.5			703.2	4361
G	0.880	18	702.9	702.8	703.3	4610
		19			703.4	4910
		19.5			703.4	5163
		20			703.5	5423
		21			703.6	5521
		22			703.6	5619
		23			703.6	5717
		24			703.9	5822
H	1.110	25	703.3	703.2	703.9	5935
	1.115	26			703.9	5997
I	1.120	27	703.4	703.3	703.9	6097
		28			704.1	6198
		29			704.2	6299
		30			704.3	6399
		31			704.3	6499
		31.5			704.4	6654
		32			704.4	6810
		33			704.5	7000
		33.5			704.5	7228
		34			704.6	7388
		35			704.6	7488
K	1.440	36	704.4	704.5	704.7	7584
	1.450	37			704.3	7633
L	1.455	38	705.4	704.5	704.7	7672
	1.460	39			705.4	7731
M	1.550	39.3	705.5	705.5	705.5	7778
		39.6			705.5	7786
		40			705.6	8001
		40.5			705.7	8163
		41			705.7	8288
		42			705.7	8379
		43			706.0	8473
N	1.600	44	705.7	705.8	706.1	8535
		45			706.2	8592
		46			706.2	8715
		46.5			706.3	8902
O	1.700	47	706.3	706.4	706.5	9094
		47.5			706.5	9338
		48			706.6	9594
		48.5			706.7	9845
	1.800	49		706.9	706.8	10092



**Table 4-1 (Cont'd.)
 Water Surface Elevations**

FIS SEC ID	OLD SECNO	NEW SECNO	100 YEAR WATER SURFACE ELEVATIONS			DIST. FROM CONFLUENCE (FEET)
			FIS	RECREATED FIS	WESTON REVISED	
P	2.000	49.5	707.5	707.5	707.1	10344
		50			707.3	10593
Q	2.100	50.5	708.5	708.5	707.7	10819
		51			708.0	11030
R	2.200	51.5	709.5	709.5	708.6	11273
		52			708.9	11523
S	2.300	52.5	710.2	710.2	709.3	11777
		53			709.6	12026
T	2.400	53.5	711.0	711.0	710.2	12209
		54			710.4	12393
U	2.415	55	711.6	711.2	710.5	12465
		56			710.4	12528
V	2.415	57	711.8	711.6	710.7	12578
		58			711.2	12658
W	2.580	59	711.8	711.6	711.7	13438
		59.3			711.7	13568
X	2.585	59.6	711.8	711.7	711.8	13666
		60			711.8	13708
Y	2.620	61	711.9	711.8	712.0	13735
		62			712.0	13791
Z	2.625	63	712.0	711.9	712.0	13936
		64			712.0	14118
AA	2.750	65	712.1	711.9	712.1	14203
		66			712.1	14381
AB	2.750	67	712.1	711.9	712.1	14461
		67.5			712.1	14708
AC	2.850	68	711.9	711.9	712.2	14963
		68.5			712.2	15212
AD	2.850	69	712.0	711.9	712.2	15468
		69.5			712.2	15722
AE	3.050	70	712.0	712.0	712.3	15972
		70.3			712.3	16152
AF	3.050	70.6	712.0	712.0	712.3	16352
		71			712.4	16541
AG	3.150	71.5	712.1	712.1	712.4	16793
		72			712.4	17041
AH	3.250	73	712.1	712.1	712.4	17332
		74			712.5	17473
AI	3.250	75	712.1	712.1	712.2	17479
		76			712.2	17479
AJ	3.350	76.5	712.1	712.1	712.9	17581
		77			712.9	17827
AK	3.450	77.5	712.2	712.2	712.9	18067
		78			712.9	18334
AL	3.550	79	712.2	712.2	713.0	18581
		79.3			713.0	18917
AM	3.610	79.6	712.5	712.2	713.0	18967
		80			713.1	19087
AN	3.625	81	712.5	712.5	713.1	19289
		82			713.3	19369
AO	3.630	82.3	712.7	712.7	713.3	19510
		82.6			713.4	19560
AP	3.705	83	712.7	712.7	713.4	19653
		84			713.4	19673
AQ	3.710	85	712.7	712.6	713.5	19673
		86			713.5	19730
AR	3.710	87	713.8	713.8	713.6	19847
		88			713.7	19957
AS	3.810	88.3	713.8	713.8	713.7	20180
		88.6			713.9	20274
AT	3.810	89	714.1	714.1	714.0	20274
		89.5			714.1	20391
AU	4.020	90	714.3	714.3	714.2	20570
		91			714.4	20749
AV	4.120	92	714.3	714.3	714.4	21010
		92			714.5	21266
AW	4.120	92	714.6	714.5	714.6	21523
		92			714.6	21784

Table 4-1 (Cont'd.)
 Water Surface Elevations

FIS SEC ID	OLD SECNO	NEW SECNO	100 YEAR WATER SURFACE ELEVATIONS			DIST. FROM CONFLUENCE (FEET)
			FIS	RECREATED FIS	WESTON REVISED	
AI	4.130	92.3	714.8	714.8	714.5	21839
	4.135	92.6			714.6	21883
	4.140	93			714.7	21908
		94			714.8	21943
		95			714.9	21998
AJ	4.280	96	715.4	715.4	715.0	22094
		97			715.1	22363
		98			715.2	22627
		98.3			715.4	22829
AK	4.410	98.6	715.9	715.9	715.5	23083
		99			715.7	23308
		99.5			715.9	23558
AL	4.580	100	716.4	716.4	716.2	23835
		100.5			716.3	24040
		101			716.4	24263
		102			716.4	24394
AM	4.640	103	716.5	716.5	716.4	24511
		104			716.6	24575
		104.3			716.6	24625
AN	4.650	104.6	716.6	716.6	716.6	24669
		105			716.7	24714
AO	4.660	105	716.7	716.7	716.7	25011
	4.720	106			716.8	25011
	4.730	106.3			716.7	25051
	4.735	106.6			716.8	25066
		107			717.0	25081
AP	4.740	109	716.9	717.0	717.1	25081
		110			717.1	25121
		111			717.1	25164
		112			717.2	25218
		113			717.2	25271
		114			717.2	25271
		115			717.2	25335
		116			717.2	25479
		117			717.3	25614
		118			717.3	25737
		119			717.3	25951
AQ	4.860	118	717.0	717.1	717.3	26163
		117			717.4	26365
		119			717.3	26546
		120			717.5	26746
		121			717.6	26967
AR	5.090	122	717.4	717.5	717.7	27153
		123			717.7	27366
		124			717.7	27556
AS	5.200	125	717.5	717.5	717.7	27760
		126			718.1	27957
		127			718.3	28159
AT	5.320	128	718.5	718.5	718.4	28444
		129			718.4	28710
AU	5.420	130	718.6	718.7	718.5	28875
		131			718.6	29149
		132			718.7	29329
		133			718.7	29567
AV	5.540	134	718.9	719.0	718.8	29869
		135			718.9	30167
		136			718.9	30416
		137			719.2	30552
		138			719.1	30652
AW	5.640	139	719.1	719.1	719.1	30718
		140			719.1	30781
		141			719.1	30781
		142			719.2	30842
		143			719.2	30943
		144			719.2	30966
		145			719.2	30966
AY	5.680	145	719.1	719.1	719.4	31016
		146			719.6	31197
		147			719.6	31257
		147.5			719.6	31547
AZ	5.990	148	719.7	719.8	719.6	31837
		149			719.6	32472
		6.110			719.8	32472

conditions for stream reaches. Individual factors used in arriving at final estimated coefficients are summarized on page 141 of Volume 1 of *A Comprehensive Plan for the Menomonee River Watershed* (Southeastern Wisconsin Regional Planning Commission, 1976). The channel cross sections and structures for the FIS HEC-2 model were field surveyed. WESTON determined overbank parts from the best available topographic maps, photogrammetric interpretation, and WESTON field investigation. With the exceptions of sections around structures, the cross sections were spaced approximately 500 feet apart. All elevations were referenced from the National Geodetic Vertical Datum of 1929.

A copy of the recreated FIS HEC-2 model for the Little Menomonee River for the 2-, 5-, 10-, 25-, 50-, 100-, and 500-year storms is attached in Appendix B.

4.2 WESTON REVISED HEC-2 MODEL

WESTON revised the existing HEC-2 model to correct for errors as noted in Subsection 4.1 and to refine the model. The purpose of the refinement was to provide a model representing the existing conditions.

The first refinement was the addition of cross sections every 100 feet for a distance of 500 feet both upstream and downstream from each structure. This is important since all new river alignments will use the existing bridge structures and will, therefore, be required to have a smooth transition into and out of each structure. Additional cross sections were placed between the bridges to reduce the distance between cross sections to approximately 250 feet. The overbank portions of the cross sections were generated from aerial topography via a geographic information system (GIS). The channel portion of the cross sections, including shape and elevation, were inserted using a manually interpolated average of the existing upstream and downstream cross sections.

In the second refinement, the position of the top of bank for the existing cross sections was revised. In the FIS, the top of bank station was located at the position more commonly called the bottom of the bank. WESTON believes this was done to ensure that the roughness factor selected for the channel applied only in the "wet" areas. In most cases, the distance from the top of bank to the bottom of bank was only 1 foot and this difference in composite roughness was imperceptible. However, this refinement makes the cross sections consistent with accepted convention.

The third refinement was correcting structure information to reflect current configurations. Several of the bridges along the Little Menomonee River have been rebuilt since the FIS was prepared. To reflect the changes, cross sections associated with Silver Spring Drive and Good Hope Road were added and modified. Also, the model input was revised to reflect the addition of one new road, Lovers Lane, and several footpath bridges that have been constructed since the FIS was prepared.

The fourth refinement further characterized the roughness factors for the overbank areas. The Manning's "n" values were modified based on field observations collected between 5 October and 9 October 1992.

The fifth refinement involved setting encroachment stations to block out areas that could not physically contribute to the conveyance area of the cross section. These areas, known as ineffective flow areas, are typically found upstream and downstream from bridges and culverts. Specification of ineffective flow areas is important for the Little Menomonee River since nearly every bridge passes the 500-year storm without overtopping. This occurrence causes a flow restriction at each bridge or structure that must be accounted for in the hydraulic model.

The results of the computer runs using the WESTON revised HEC-2 model for the Little Menomonee River for the 2-, 5-, 10-, 25-, 50-, 100-, and 500-year storm events are attached

in Appendix C. Exhibits B through D delineate the 2-year and the 100-year floodplain limits. Figures 4-1 through 4-3 present profiles (side views) of selected flood frequencies for the same reach of the river shown on Exhibits B through D.

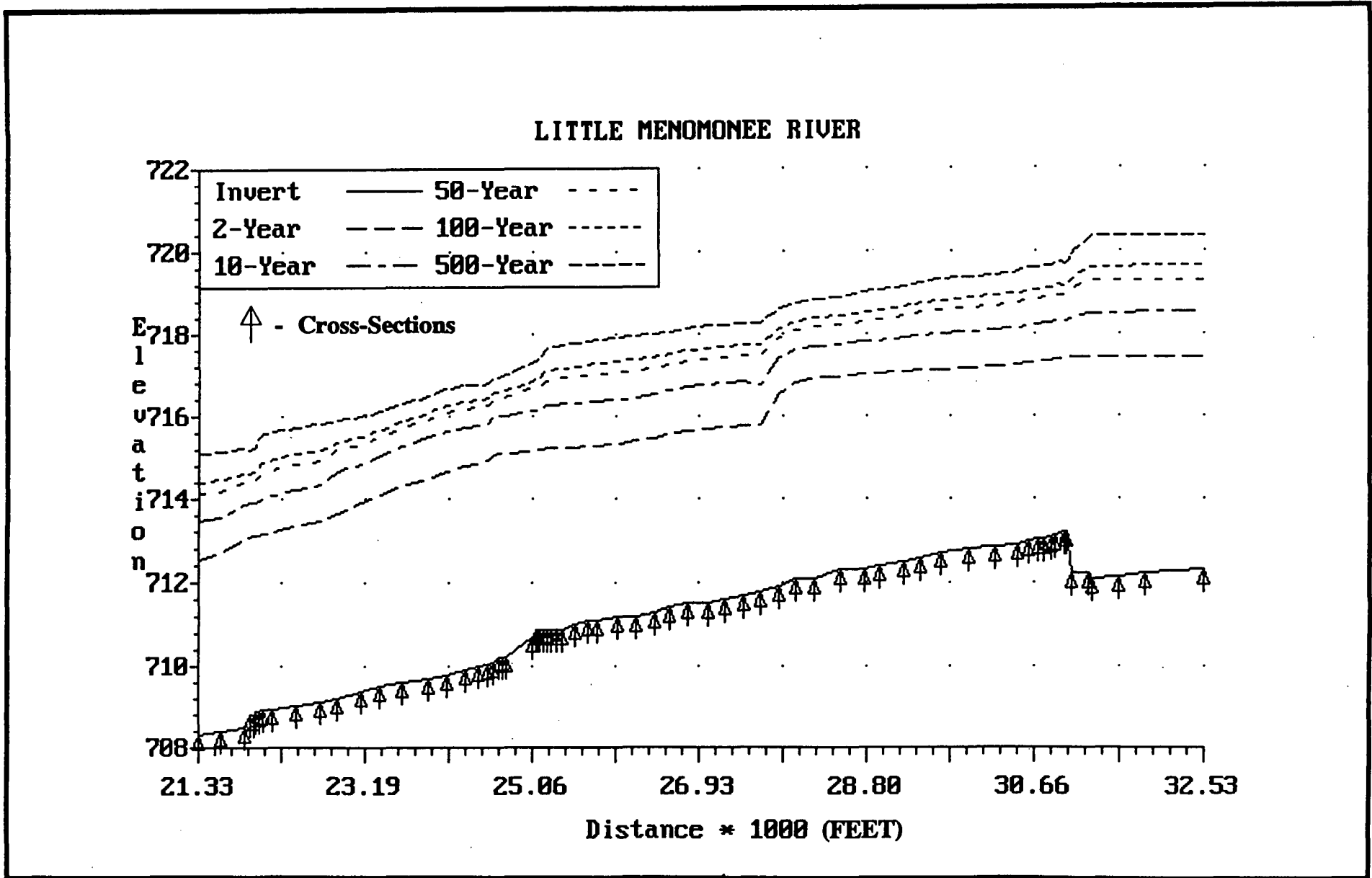
4.3 DEPOSITION AREAS

HEC-2 also was used to predict areas of sediment deposition within the Little Menomonee River Floodplain during the 2-year storm event. HEC-2 allows the programmer to request a velocity profile to be created during the model run. It divides the cross sections into segments of similar conveyance and calculates the average velocity over each segment portion. Appendix D contains the velocity distributions for each cross section. The data include the beginning and ending station for each segment and the average velocity.

WESTON determined that areas with flow velocities of less than 0.5 feet per second should be identified as areas of potential sediment deposition. This information may be used in the predesign phase to suggest sediment and soil sampling locations for the extent-of-contamination studies. The results for the 2-year storm event (Appendix D) indicate that most overbank velocities are less than 0.5 feet per second and that there are many sections of the river where the entire storm is contained within the channel.

4.4 SUMMARY

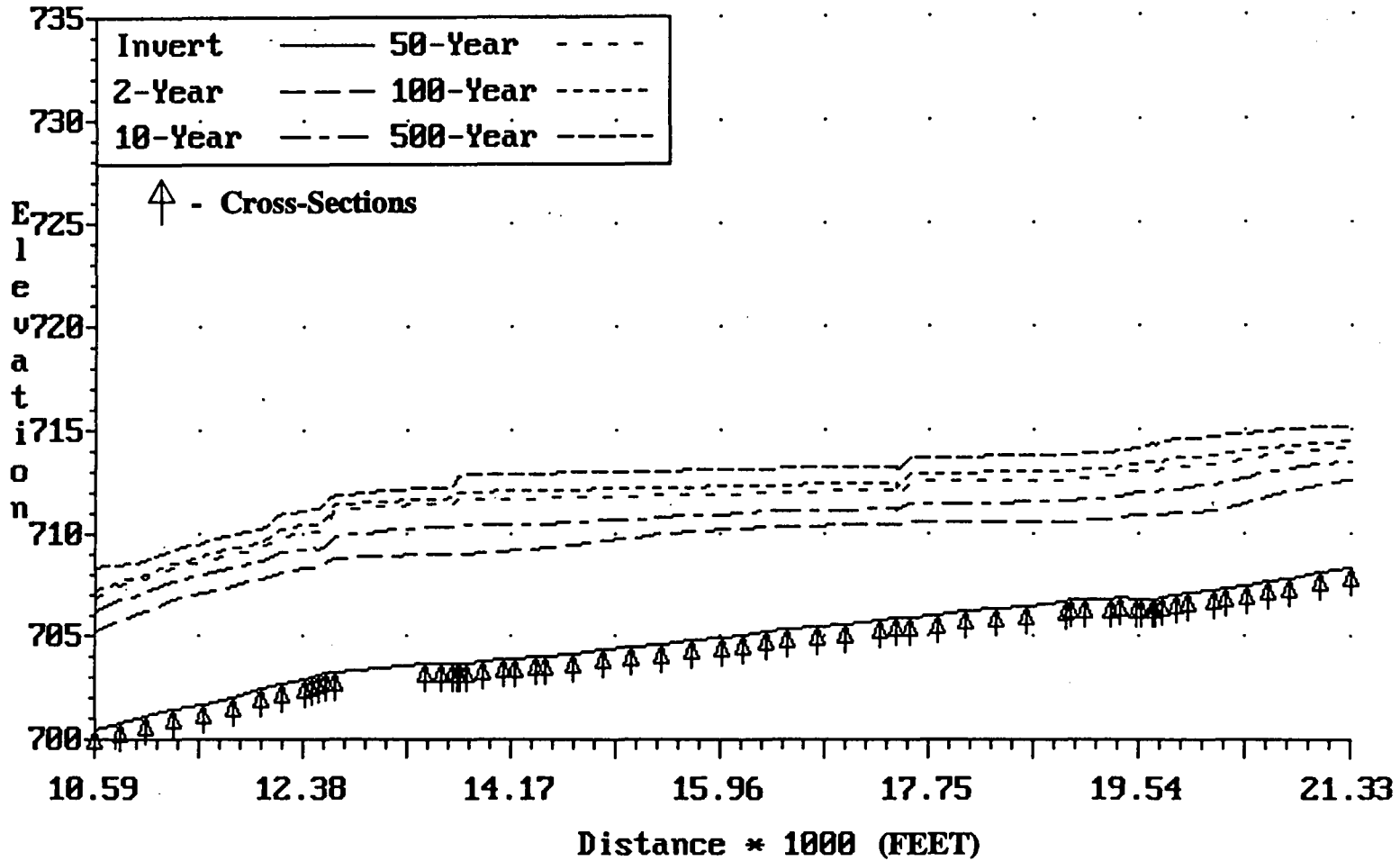
WESTON re-created the HEC-2 hydraulic model of the Little Menomonee River used in the FIS. WESTON modified and refined the model to reflect current conditions. Both the re-created FIS and the WESTON revised models closely approximate the elevations published in the FIS. There are some deviations, especially upstream and downstream from the structures, where increases in water surface elevations of up to 0.7 feet and decreases of up to 0.6 feet are observed. It is WESTON's professional judgement, however, that the



Remedial Design for Little Menomonee River
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FIGURE 4-1
FLOOD PROFILES - UPPER REACH

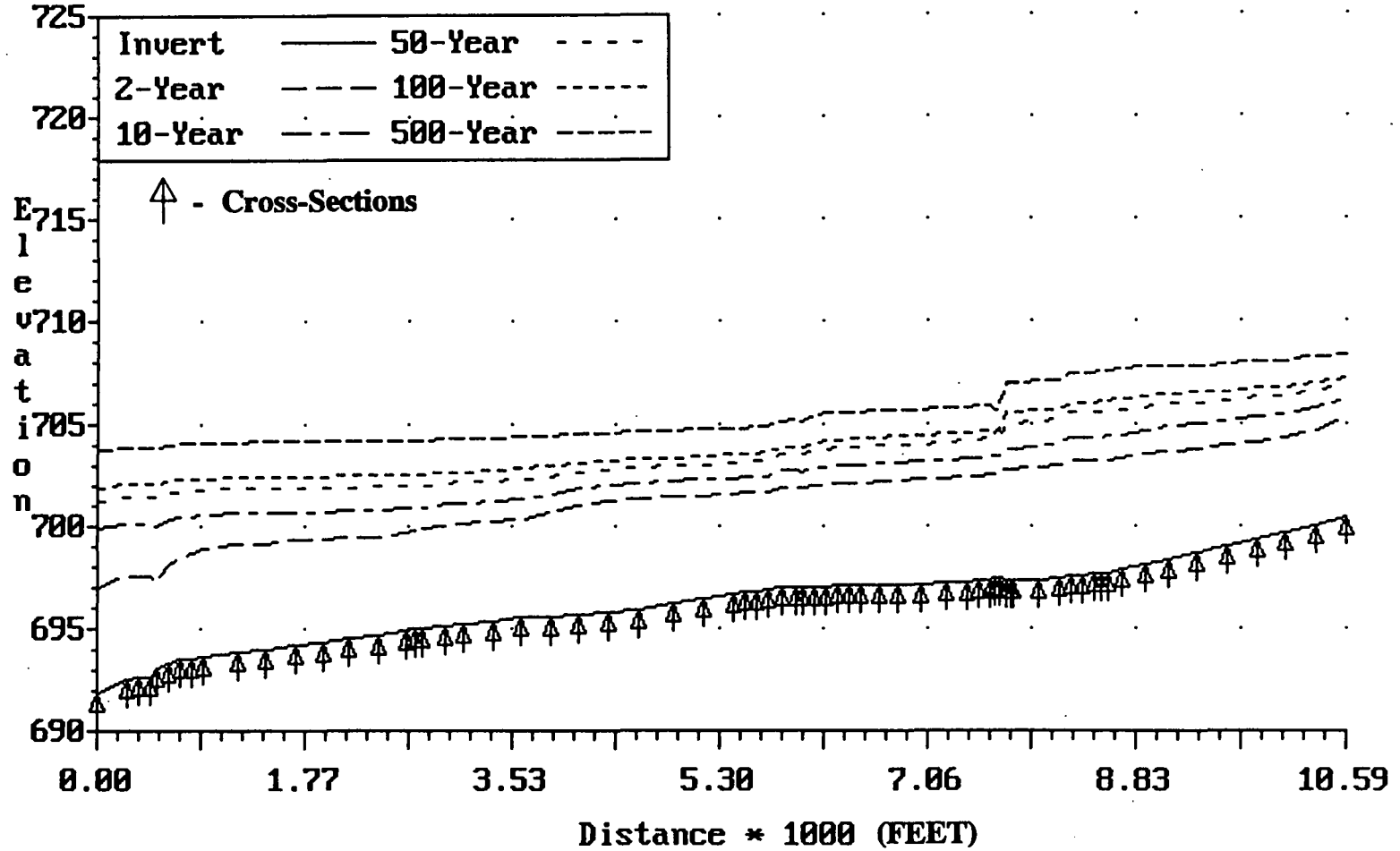
LITTLE MEMOMONEE RIVER



Remedial Design for Little Menomonee River
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Moss-American Site, Milwaukee, Wisconsin

FIGURE 4-2
FLOOD PROFILES - MIDDLE REACH

LITTLE MEMOMONEE RIVER



Remedial Design for Little Menomonee River
Technical Memorandum - Predesign Task 10
Moss-American Site, Milwaukee, Wisconsin

FIGURE 4-3
FLOOD PROFILES - LOWER REACH

revised flood elevations in Table 4-1 are the best available estimates of the existing flooding conditions. Therefore, the alternative realignment flooding impact analysis will be based on the FIS HEC-2 model as revised by WESTON.

Velocity data output from the HEC-2 model of the 2-year storm were used to identify deposition areas. The velocity distribution for the 2-year storm shows overbank velocities of less than 0.5 feet per second and many sections of the river where the entire storm is contained in the channel.

SECTION 5 FLOODPLAIN MAPPING

The objective of this subtask was to enter all pertinent data into a geographic information system (GIS) for preparing maps and for evaluating the alternative river realignments (Predesign Task 9). This section describes the extent of the GIS and the maps that have been produced.

5.1 GEOGRAPHIC INFORMATION SYSTEM COVERAGES

The type of GIS system used to analyze this watershed is PC ARC INFO, version 3.4D (Environmental Systems Research Institute, September 1990). PC ARC INFO is a vector-based GIS that links spatial and tabular data.

The following describes the various types of coverages that have been developed as a result of completing Predesign Task 10:

- **Topographic Data** were obtained from the aerial photographic subcontractor (Abrams Aerial Survey, Inc.) in digital format and imported into the ARC INFO GIS. From these data, the ARC INFO GIS generated a three-dimensional ground surface grid.
- **Cross sections** from the FIS and those generated by WESTON have been digitized and imported into the ARC INFO GIS.
- **Floodplain Elevations** were input into the GIS for each cross section and each flood frequency. The ARC INFO GIS then generated three-dimensional floodplain surfaces for each flood frequency.
- **Flood Characteristics Grid** was developed in the GIS that stores the depth of each flood frequency on a 20-foot X 20-foot grid. The grid was prepared by subtracting the elevation of the ground surface from the flood surface at each 20-foot X 20-foot grid point. This grid will be used to compare depth of

flooding under existing conditions to the depth of flooding for each alternative alignment at each grid point in Predesign Task 9.

- **Floodplain Boundaries** were created in the GIS by connecting points on the 20-foot X 20-foot grid where the difference between the flood surface minus the ground surface was equal to zero.
- **2-Year Flood Sluggish Moving Water/Ponding Areas** were identified using the velocity distribution data presented in Section 4 and data collected during the field reconnaissance.

5.2 MAPS

The following is a description of the maps that were produced as deliverables of Predesign Task 10 and that will be used in subsequent work on Predesign Task 9:

- **Example Flood Characteristics Grid Map** - Exhibit A presents an example of the type of data that is stored in GIS for the ground surface and each flood surface.
- **Floodplain Maps** - Exhibits B through D present the 2- and 100-year flood boundaries for the five mile stretch of the Little Menomonee River that comprises most of the study area.
- **2-Year Flood Sluggish Moving Water/Ponding Areas Map** - Exhibits E through G present the areas where the flood water velocities are less than 0.5 feet per second or areas that have been identified as vernal ponds.

SECTION 6 REFERENCES

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Interagency Advisory Committee on Water Data, *Guidelines for Determining Flood Flow Frequency (Bulletin #17)*, U.S. Department of the Interior, Geological Survey, Office of Water Data Coordination, Reston, VA 22092, 1982.

Moss-American Site
Predesign Task 10
Revision: 0
Date: 4 January 1993

APPENDIX A
GAGING STATION DESCRIPTIONS AND LOCATION MAPS

STREAMS TRIBUTARY TO LAKE MICHIGAN

04087204 OAK CREEK AT SOUTH MILWAUKEE, WI

LOCATION.--Lat 42°55'30", long 87°52'12", in NW 1/4 sec.2, T.5 N., R.22 E., Milwaukee County, Hydrologic Unit 04040002, on left bank 25 ft downstream from 15th Avenue bridge in South Milwaukee and 2.8 mi upstream from mouth.

DRAINAGE AREA.--25.0 mi².

PERIOD OF RECORD.--October 1963 to current year.

REVISED RECORDS.--WDR WI-80-1: 1979 (average discharge).

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 631.40 ft above National Geodetic Vertical Datum of 1929.

REMARKS.--Estimated daily discharges: May 10 and ice periods listed in rating table below. Records good except for ice-affected periods, which are fair. Low flows may occasionally be affected by construction and activity at gravel pit upstream.

AVERAGE DISCHARGE.--27 years, 22.6 ft³/s, 12.28 in/yr.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,140 ft³/s, Aug. 6, 1986, gage height, 9.88 ft; no flow Jan. 8-13, 15-18, 27-31, Feb. 6-8, 1977.

EXTREMES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 350 ft³/s and maximum (*):

DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)	DATE	TIME	DISCHARGE (ft ³ /s)	GAGE HEIGHT (ft)
Mar. 11	1600	388	6.63	May 20	0415	453	7.03
May 10	Unknown	758	8.46	Aug. 18	Unknown	*817	*8.70

Minimum daily discharge, 1.7 ft³/s, Dec. 26, 27.

RATING TABLE (gage height, in feet, and discharge, in cubic feet per second). (Stage-discharge relation affected by ice Dec. 3, Dec. 14 to Jan. 10, Jan. 20, Feb. 14-21, and Feb. 25, 26.)

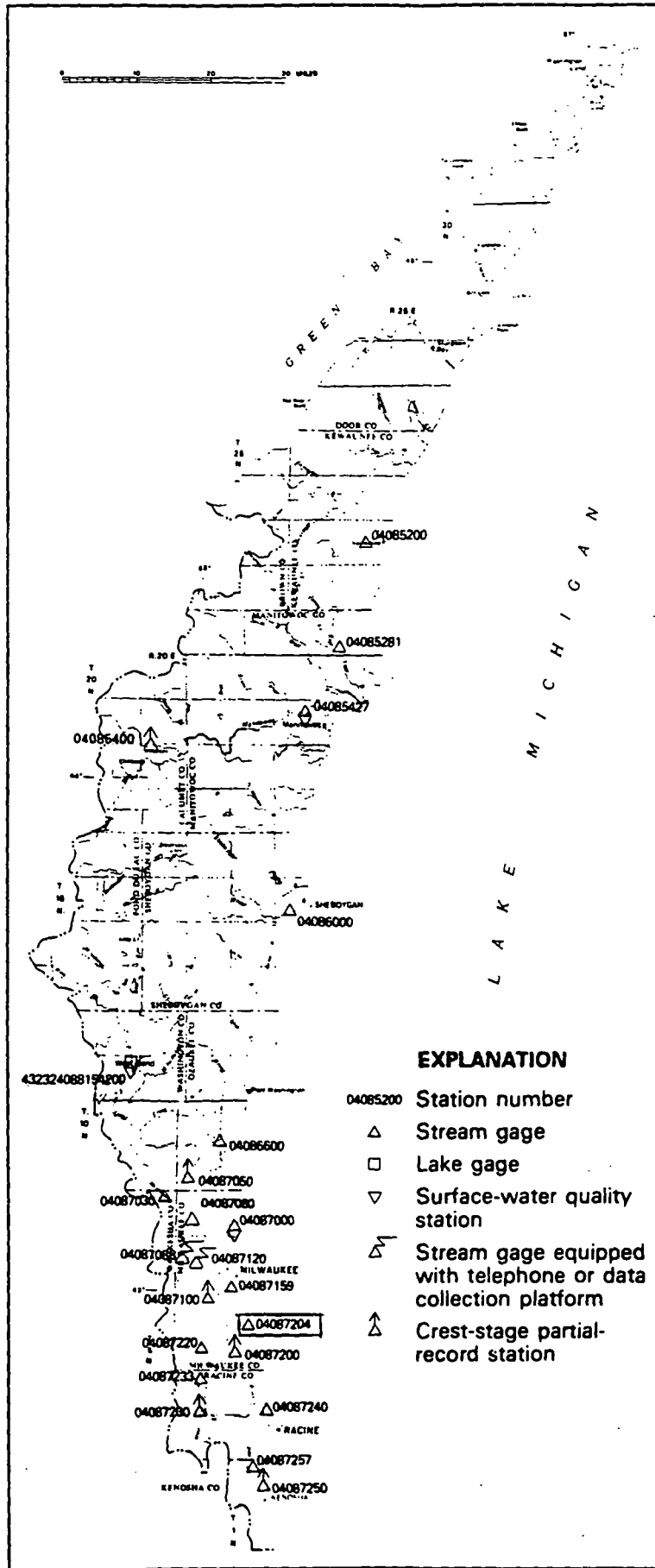
2.28	1.6	4.0	117
2.4	3.8	5.0	208
2.6	14	6.0	308
3.0	39	7.0	448
		8.0	651

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1989 TO SEPTEMBER 1990
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	3.8	8.8	7.9	2.1	59	14	21	12	11	19	11	8.3
2	3.4	6.3	7.3	2.4	51	32	90	11	13	14	8.8	7.5
3	3.1	5.0	6.8	4.0	22	45	50	12	15	11	7.3	6.6
4	2.9	5.6	6.1	100	15	25	28	119	12	9.5	13	6.0
5	13	5.0	6.0	40	14	17	22	136	11	9.2	11	5.8
6	16	5.2	5.8	15	16	14	18	44	12	7.0	6.2	7.1
7	6.8	6.9	5.4	10	18	14	17	26	11	6.0	5.2	15
8	4.0	7.8	3.9	9.0	127	96	17	19	13	6.5	4.7	7.4
9	3.5	10	3.8	30	160	298	18	131	11	7.5	3.9	5.1
10	7.5	23	3.8	34	70	203	44	645	7.9	6.9	3.6	4.5
11	6.4	13	3.8	16	31	286	25	481	7.0	4.6	3.6	4.2
12	3.9	7.5	3.6	10	21	264	19	179	6.3	3.8	3.5	3.9
13	3.3	6.2	3.2	7.2	36	206	18	102	5.0	3.6	3.3	3.7
14	3.1	5.9	2.9	5.2	15	179	86	57	16	3.6	2.9	29
15	2.6	26	2.8	4.9	13	109	39	56	7.2	8.8	2.8	20
16	2.3	22	2.8	5.5	13	63	24	128	4.2	6.3	2.7	14
17	5.1	12	2.7	40	12	42	18	57	27	6.5	3.6	9.5
18	5.6	8.2	2.6	35	11	31	17	33	12	12	328	7.5
19	3.7	6.6	2.3	15	10	24	16	100	5.1	90	507	15
20	53	6.4	2.2	13	9.6	21	63	323	25	122	317	9.3
21	70	5.7	2.1	8.8	9.8	20	68	95	11	23	131	17
22	33	5.5	2.0	8.9	22	31	34	45	27	16	63	14
23	17	5.0	1.9	14	35	29	26	30	57	20	36	6.8
24	15	4.9	1.8	112	24	20	22	21	16	14	26	4.6
25	12	6.9	1.8	60	13	19	20	21	9.2	9.6	19	3.8
26	10	12	1.7	16	13	18	18	28	6.9	7.9	16	3.6
27	8.5	22	1.7	17	14	17	16	17	5.5	6.8	16	3.4
28	7.8	26	1.8	17	14	16	15	14	25	6.4	15	3.8
29	7.9	13	1.8	15	---	18	13	13	143	104	13	3.7
30	7.5	9.2	1.9	14	---	28	12	13	38	32	11	3.5
31	11	---	2.0	13	---	20	---	12	---	16	9.6	---
TOTAL	352.7	307.6	106.2	694.0	868.4	2219	894	2980	570.3	613.5	1604.7	253.6
MEAN	11.4	10.3	3.43	22.4	31.0	71.6	29.8	96.1	19.0	19.8	51.8	8.45
MAX	70	26	7.9	112	160	298	90	645	143	122	507	29
MIN	2.3	4.9	1.7	2.1	9.6	14	12	11	4.2	3.6	2.7	3.4
CFSM	.46	.41	.14	.90	1.24	2.86	1.19	3.85	.76	.79	2.07	.34
IN.	.52	.46	.16	1.03	1.29	3.30	1.33	4.43	.85	.91	2.39	.38

CAL YR 1989 TOTAL 6120.4 MEAN 16.8 MAX 262 MIN 1.1 CFSM .67 IN. 9.11
WTR YR 1990 TOTAL 11464.0 MEAN 31.4 MAX 645 MIN 1.7 CFSM 1.26 IN. 17.06





LAKE MICHIGAN BASIN



05530000 WELLER CREEK AT DES PLAINES, IL

LOCATION.--Lat 42°02'58", long 87°55'05", in NW1/4NW1/4 sec.18, T.41 N., R.12 E., Cook County, Hydrologic Unit 07120004, on right bank 10 ft (3 m) upstream from bridge on State Highway 58 (Golf Road) in Des Plaines, 2 mi (3 km) west of U.S. Highway 45, and at mile 3.0 (4.8 km).

DRAINAGE AREA.--13.2 mi² (34.2 km²).

PERIOD OF RECORD.--October 1950 to current year.

REVISED RECORDS.--WSP 1915: 1957-60. WDR IL-75-1: Drainage area.

GAGE.--Water-stage recorder and crest-stage gage. Datum of gage is 634.02 ft (193.249 m) National Geodetic Vertical Datum of 1929 (Cook County Highway Department bench mark). Prior to Sept. 9, 1968, at site 90 ft (27 m) downstream and at datum 1.00 ft (0.305 m) higher. Sept. 9, 1968, to Sept. 10, 1970, at present site at datum 1.00 ft (0.305 m) higher.

REMARKS.--Records fair except those for winter periods and those for periods of no gage-height record, Jan. 7 to Feb. 16 and Feb. 22 to Mar. 21, which are poor. Prior to Nov. 15, 1958, effluent from Arlington Heights sewage treatment plant entered Weller Creek above station. Several observations of water temperature were made during the year and are published under MISCELLANEOUS TEMPERATURE MEASUREMENTS in this report.

AVERAGE DISCHARGE.--32 years, 10.7 ft³/s (0.303 m³/s), 11.01 in/yr (280 mm/yr).

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 1,590 ft³/s (45.0 m³/s) June 10, 1967, gage height, 15.09 ft (4.599 m), present datum; no flow at times in most years.

EXTREMES FOR CURRENT YEAR.--Peak discharges above base of 550 ft³/s (16 m³/s) and maximum (*):

Date	Time	Discharge (ft ³ /s) (m ³ /s)	Gage height (ft) (m)	Date	Time	Discharge (ft ³ /s) (m ³ /s)	Gage height (ft) (m)
Mar. 13	Unknown	*966 27.4	8.76 2.670	July 10	1230	561 15.9	5.78 1.762
Apr. 16	1315	661 18.7	6.09 1.856	July 22	0845	942 26.7	*8.97 2.734

Minimum daily discharge, 0.09 ft³/s (0.003 m³/s) Nov. 7.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1981 TO SEPTEMBER 1982
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.0	.82	20	1.4	.60	2.3	3.8	.98	1.4	.26	1.4	3.9
2	1.7	.39	9.5	2.5	.60	2.1	11	.29	.30	4.2	1.3	.75
3	1.6	.27	5.7	13	.62	2.0	177	.86	.30	15	4.5	.45
4	1.7	2.4	12	25	.62	2.4	27	1.3	.30	.41	44	.30
5	1.8	1.8	6.9	5.0	.62	3.1	6.4	2.6	.15	.30	3.7	.15
6	8.0	.39	5.3	3.0	.60	2.0	8.4	.81	.15	14	2.3	.15
7	1.3	.09	4.2	1.9	.60	1.3	5.0	.79	.15	36	115	.45
8	1.1	.24	3.9	1.5	.60	1.5	4.5	.80	.15	.60	18	.30
9	1.2	.60	3.9	1.1	.58	2.0	4.7	.75	.15	.29	5.3	.37
10	1.3	.21	3.9	1.0	.58	4.0	6.8	.76	.15	125	2.3	.24
11	1.4	.30	3.2	.90	.58	16	8.3	.89	.30	22	1.3	.15
12	1.2	.45	3.2	.80	.58	45	7.1	2.3	.45	1.9	.93	.15
13	1.3	.45	2.6	.76	.58	260	5.5	.40	.93	.72	.93	.15
14	3.8	.60	2.5	.74	.58	23	3.6	.53	.45	.64	.75	.15
15	2.5	.75	2.3	.72	.70	13	3.4	3.3	.16	.42	.60	.15
16	1.8	.60	2.1	.70	1.1	25	204	.97	.59	36	.45	.15
17	21	.11	2.0	.70	2.6	15	65	.43	.43	3.0	.45	4.6
18	22	.47	1.9	.70	2.4	9.5	13	.45	.53	.53	.45	2.9
19	1.5	3.4	1.8	.70	2.2	17	7.8	.52	.58	.45	.45	.63
20	1.3	18	1.7	.70	13	28	5.3	.41	.38	.30	.60	1.2
21	1.4	4.4	1.8	.73	8.5	15	3.5	.43	.31	13	.60	1.9
22	1.4	2.0	1.8	.76	6.2	8.7	3.2	.66	.46	357	.60	1.7
23	1.3	2.3	1.7	.70	4.5	4.1	2.7	.46	.28	74	.75	.84
24	1.3	15	1.6	.68	3.6	2.9	2.3	.43	.22	11	2.0	.45
25	.91	6.1	1.5	.68	3.0	4.9	2.1	.34	.30	6.6	3.5	.45
26	.63	5.7	1.6	.70	2.5	3.0	8.4	1.9	.30	3.0	.60	.45
27	.60	3.5	1.5	.72	2.2	2.0	2.6	18	.30	2.7	.45	.45
28	.50	2.6	1.4	.68	2.0	1.3	2.3	.48	.30	2.6	.45	.45
29	.82	2.0	1.4	.66	---	1.7	3.1	.83	.29	2.0	.45	.49
30	1.2	1.7	1.4	.63	---	59	3.1	.54	.28	1.7	1.1	.55
31	.70	---	1.6	.61	---	8.6	---	.40	---	1.6	.75	---
TOTAL	90.26	77.64	115.9	70.37	62.84	584.4	610.9	44.61	26.88	737.22	215.96	25.02
MEAN	2.91	2.59	3.74	2.27	2.24	18.9	20.4	1.44	.90	23.8	6.97	.83
MAX	22	18	20	25	13	260	204	18	16	357	115	4.6
MIN	.50	.09	1.4	.61	.58	1.3	2.1	.29	.15	.26	.45	.15
CFSM	.22	.20	.28	.17	.17	1.43	1.55	.11	.07	1.80	.53	.06
IN.	.25	.22	.33	.20	.18	1.65	1.72	.13	.08	2.08	.61	.07

CAL YR 1981 TOTAL 2720.72 MEAN 7.45 MAX 190 MIN .09 CFSM .56 IN 7.67
WTR YR 1982 TOTAL 2662.00 MEAN 7.29 MAX 357 MIN .09 CFSM .55 IN 7.50



Moss-American Site
Predesign Task 10
Revision: 0
Date: 4 January 1993

APPENDIX B
RE-CREATED FIS HEC-2 MODEL

THIS RUN EXECUTED 17NOV92 11:22:45

 HEC-2 WATER SURFACE PROFILES
 Version 4.6.2; May 1991

T1 USGS RERUN OF SEWRPC LITTLE MEMOMONEE RIVER PROFILES CITY OF MILWAUKEE FIS
 T2 CROSS SECTION DATA WITH EFFECTIVE FLOW ENCROACHMENTS (FLOODWAY)
 T3 LITTLE MEMOMONEE EXISTING CONDITION Q2 DISCHARGE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
		2					-1		697	
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1		-1							

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

100	101	150								
38	43	1	53	21	22	54	4	39	42	
58	26	57								

J5 LPRNT NUMSEC *****REQUESTED SECTION NUMBERS*****
 -10 -10

NC	.08	.08	.055	.3	.5					
QT	7	462	654	802	1041	1243	1465	2081		
X1	.1	20	344	357	400	100	235			
GR	712.6		710.6	75	708.6	200	706.6	211	704.6	224
GR	702.6	259	700.69	328	698.6	332	696.6	338	694.8	344
GR	693.5	345	693.5	356	694.8	357	696.6	360	698.6	495
GR	698.6	543	700.6	559	702.6	563	703.6	580	708.4	787
X1	.2	19	600	612	510	500	500			
GR	702.6		710.6	55	708.6	120	706.6	230	704.6	299
GR	712.6	314	700.6	340	698.6	402	696.6	596	695	600
GR	693.9	601	693.9	611	695	612	696.6	623	698.6	1040
GR	698.6	1155	700.6	1221	702.6	1354	708.4	1443		
X1	.3	20	765	782	535	460	500			
GR	710.6		708.6	28	706.6	70	704.6	122	702.6	206
GR	700.6	280	698.6	358	696.6	756	695.2	765	694.2	766
GR	694.2	781	695.2	782	696.6	800	696.6	895	698.6	1043
GR	700.6	1190	702.6	1307	702.6	1340	704.6	1400	710.6	1403

X1	.4	21	1023	1037	435	500	500			
GR	712.6		710.6	41	708.6	74	706.6	141	702.6	344
GR	700.6	398	698.6	588	696.6	1020	695.3	1023	694.5	1024
GR	694.5	1036	695.3	1037	696.6	1043	698.6	1154	700.6	1182
GR	702.6	1263	704.6	1294	706.6	1327	708.6	1351	710.6	1370
GR	712.6	1388								
NC	.1	.08	.055							
X1	.5	22	1199	1214	490	505	500			
GR	712.6		710.6	67	708.6	213	706.6	394	704.6	555
GR	702.6	600	700.6	729.0	698.6	860	698.6	1184	696.6	1193
GR	695.4	1199	694.9	1200	694.9	1213	695.4	1214	696.6	1224
GR	698.6	1363	700.6	1423	702.6	1467	704.6	1507	706.6	1542
GR	708.6	1575	710.6	1607						
X1	.6	32	1462	1481	535	505	500			
GR	712.6		710.6	222	708.6	480	708.6	513	710.6	624
GR	710.6	641	708.6	752	706.6	788	704.6	833	702.6	908
GR	700.6	1004	698.6	1108	698.6	1267	700.6	1440	700.6	1451
GR	698.6	1457	696.6	1460	695.5	1462	695.2	1463	695.2	1480
GR	695.5	1481	700.6	1487	700.6	1509	698.6	1518	698.6	1560
GR	700.6	1608	702.6	1664	704.6	1732	706.6	1770	708.6	1825
GR	710.6	1854	712.6	1887						
NC	.08	.05	.055							
X1	.7	32.	1531	1546	385	540	500			
GR	712.6		710.6	150	710.6	222	708.6	475	708.6	672
GR	706.6	772	704.6	903	702.6	989	700.6	1121	698.6	1380
GR	700.6	1497	700.6	1519	698.6	1523	696.6	1526	695.7	1531
GR	695.5	1532	695.5	1545	695.6	1546	696.6	1549	698.6	1552
GR	700.6	1566	700.6	1586	698.6	1597	698.6	1628	700.6	1650
GR	702.6	1695	704.6	1777	706.6	1815	708.6	1874	710.6	1951
GR	710.6	2045	712.6	2120						
X1	.8	23	1433	1446	465	550	500			
GR	712.6		710.6	128	710.6	370	708.6	497	706.6	672
GR	704.6	944	702.6	1141	700.6	1285	698.6	1386	698.6	1426
GR	696.6	1431	695.8	1433	695.7	1434	695.7	1445	695.8	1446
GR	696.6	1450	700.6	1460	700.6	1783	702.6	1878	704.6	1975
GR	706.6	2026	708.6	2052	712.6	2101				
X1	.88	29	1198	1214	445	380	420			
GR	710.6		708.6	160	706.6	170	706.6	274	704.6	285
GR	706.6	307	706.6	378	704.6	786	702.6	906	702.6	1182
GR	700.6	1188	698.6	1190	696.6	1193	695.9	1198	695.9	1199
GR	695.9	1213	695.9	1214	696.6	1219	698.6	1222	700.6	1228
GR	700.6	1240	698.6	1256	698.6	1272	700.6	1628	702.6	1757
GR	704.6	1838	706.6	1898	708.6	1965	710.6	2000		

X1	1.11	32	1137.6	1262.4	1215	1215	1215			
X3	10							706.8	709.4	
GR	710.6		706.5	370	705.9	500	705.4	600	704.9	700
GR	704.6	780	704.5	800	704.7	900	703.7	1000	703.3	1100
GR	703.2	1129.6	703.2	1129.7	703.2	1137.6	699.1	1152	697.2	1167
GR	697.7	1174.8	697.2	1188	697	1200	697.2	1212	697.2	1225
GR	697.7	1232	699.6	1245	704.6	1262.4	704.6	1272.5	704.6	1272.6
GR	704.6	1300	704.6	1400	704.6	1500	704.6	1600	704.6	1700
GR	704.6	1830	710.6	2000						
SB	.9	2	3		122.9	5	966.9	1		
X1	1.115				91.2	91.2	91.2	1		
X2			1	707.4	706.8					
X3	10							706.8	709.3	
BT	21		726.4	710.6	500	713.1	705.9	600	710.5	705.4
BT	700	708.4	704.9	780	707.2	704.6	800	706.8	704.5	900
BT	706.8	704.1	1000	707.6	703.7	1100	708.2	703.3	1129.6	708.5
BT	703.2	1129.7	710.2	703.2	1137.6	710.3	706.8	1262.4	711.1	707.4
BT	1272.5	711.2	704.6	1272.6	709.3	704.6	1300	709.3	704.6	1400
BT	709.9	704.6	1500	710.5	704.6	1600	711.1	704.6	1700	711.8
BT	704.6	2000	713.2	710.6						
NC	.08	.08	.055							
X1	1.12	20	541	559	60	50	50			
X3	10			385		870				
GR	710.6		708.6	43	706.6	71	704.6	129	702.6	229
GR	700.6	387	700.6	535	698.6	538	697.1	541	697	542
GR	697	558	697.1	559	698.6	566	700.6	679	702.6	1113
GR	704.6	1191	706.6	1262	708.6	1331	708.6	1410	710.6	1416
NC	.08	.16	.055							
X1	1.22	21	833	845	480	525	500			
X3	10			625		1354				
GR	710.6		708.6	108	706.6	290	706.6	407	704.6	480
GR	702.6	571	700.6	703	700.6	827	698.6	830	697.2	833
GR	697.1	834	697.1	844	697.2	845	698.6	848	700.6	850
GR	700.6	1195	702.6	1288	704.6	1352	706.6	1400	708.6	1449
GR	710.6	1483								
X1	1.29	24	525	541	315	310	310			
X3	10			240		1028				
GR	710.6		708.6	63	706.6	130	704.6	203	702.6	298
GR	700.6	453	700.6	519	698.6	521	697.3	525	697.1	526
GR	697.1	540	697.3	541	698.6	544	700.6	547	704.6	552
GR	704.6	560	702.6	569	700.6	583	700.6	928	702.6	946
GR	704.6	1022	706.6	1080	708.6	1117	710.6	1165		
X1	1.44	21	513	522	665	690	680			
X3	10			440		1110				
GR	710.6		708.6	67	706.6	175	704.6	223	702.6	430
GR	700.6	470	700.6	495	698.6	505	697.4	513	697.3	514
GR	697.3	521	697.4	522	698.6	530	700.6	538	702.6	547
GR	702.6	1120	704.6	1210	704.6	1330	706.6	1433	708.6	1500

X1	1.7	24	422	437	500	500	500			
GR	712.6		710.6	42	708.6	75	706.6	124	704.6	170
GR	702.6	410	700.6	413	698.6	418	698.4	422	698.3	423
GR	698.3	436	698.4	437	698.6	444	700.6	447	702.6	452
GR	704.6	457	704.6	468	702.6	500	702.6	582	704.6	880
GR	706.6	1048	708.6	1146	710.6	1211	712.6	1240		
X1	1.8	20	400	422	510	490	500			
GR	712.6		710.6	70	708.6	157	706.6	260	704.6	347
GR	702.6	383	700.6	396	699	400	699	403	699	404
GR	699	418	699	419	699	422	702.6	428	704.6	440
GR	704.6	755	706.6	900	708.6	1075	710.6	1145	712.6	1237
X1	1.9	18	377	389	500	500	500			
GR	712.6		710.6	80	708.6	110	706.6	170	704.6	363
GR	700.6	371	699.8	377	699.7	378	699.7	388	699.8	389
GR	700.6	396	702.6	400	704.6	403	704.6	623	706.6	873
GR	708.6	961	710.6	1143	712.6	1285				
X1	2	23	421	430	500	520	500			
X3	10			160		1030				
GR	714.6		712.6	59	710.6	102	708.6	140	706.6	204
GR	704.6	228	704.6	272	706.6	381	706.6	402	704.6	406
GR	702.6	411	700.8	421	700.4	422	700.4	429	700.8	430
GR	702.6	433	704.6	438	706.6	441	706.6	1125	708.6	1247
GR	710.6	1420	712.6	1518	714.6	1545				
NC	.16	.16	.045							
X1	2.1	19	397	410	510	490	500			
X3	10			235		935				
GR	714.6		712.6	51	710.6	135	708.6	227	706.6	310
GR	706.6	380	704.6	383	702.6	389	702.5	397	701.1	398
GR	701.1	409	702.5	410	702.6	414	704.6	417	706.6	421
GR	706.6	737	708.6	1046	710.6	1409	712.6	1600		
X1	2.2	23	363	377	520	465	500			
X3	10			148		915				
GR	714.6		712.6	53	710.6	143	708.6	159	706.6	175
GR	706.6	250	708.6	325	708.6	352	704.6	358	702.9	363
GR	701.7	364	701.7	376	702.9	377	704.6	393	706.6	396
GR	708.6	400	708.6	418	706.6	426	706.6	648	708.6	795
GR	710.6	1111	710.6	1150	712.6	1388				
NC	.08	.08	.045							
X1	2.3	19	296	305	505	500	500			
GR	714.6		712.6	91	710.6	157	708.6	236	708.6	278
GR	706.6	281	704.6	286	703.3	296	702.4	297	702.4	304
GR	703.3	305	704.6	313	706.6	318	706.6	371	708.6	394
GR	708.6	504	710.6	664	712.6	1105	714.6	1342		

X1	2.4	17	312	320	495	515	500			
GR	712.6	85	710.6	100	708.6	225	708.6	292	706.6	302
GR	704.7	312	703.1	313	703.1	319	704.7	320	706.6	333
GR	708.6	401	708.6	434	710.6	440	710.6	480	709.6	557
GR	710.2	657	712.5	757						
X1	2.41	25	283.5	316.5	50	50	50			
X3	10							708.4	708.4	
GR	712.2	84	710.3	100	708.7	200	708.6	209	707.4	250
GR	706.9	269.3	706.9	269.4	706.6	278	704.8	281	703.2	283.5
GR	703.8	292	703.3	300	703.2	309	704.7	316.5	706.6	321
GR	706.9	330.6	706.9	330.7	707.5	350	708.6	385	710.6	400
GR	708.6	418	710.3	423	709.6	500	710.2	600	712.5	700
SB		2	2.8		33		160.2			
X1	2.415				80	80	80			
X2			1	708.4	709.6			1		
X3	10							710	709.6	
BT	22	84	712.3	712.2	100	712	710.3	200	710	708.7
BT	209	710.2	708.6	250	711.3	707.4	269.3	711.5	706.9	269.4
BT	712.1	706.9	278	712.1	706.6	281	712.1	704.8	283.5	712.1
BT	708.4	316.5	712.1	708.4	321	712.1	706.6	330.6	712.1	706.9
BT	330.7	711.5	706.9	350	711.3	707.5	385	710.8	708.6	400
BT	710.6	708.6	418	710.4	708.6	423	710.4	710.3	500	709.6
BT	709.5	600	710.2	710.1	700	712.5	712.4			
NC	.035	.035	.035							
X1	2.58	18	13.4	229	900	900	900			
X3	10							725.1	722.3	
GR	724.6	12.4	724.6	13.4	723.1	13.6	732	18.7	705.3	53.7
GR	703.7	120	705.1	136.3	710.8	147.6	710.8	159.6	710.3	159.7
GR	710.6	180	710.2	199.6	710.7	199.7	710.1	206.1	719.3	225
GR	719.4	228.7	721.6	229	721.6	230.2				
SB	.9	2	2.6		215.6	6	2894.9	1		
X1	2.585				165	165	165	1		
X2			1	725.1	726.4					
X3	10							729.7	726.4	
BT	4	12.4	729.8	724.6	13.4	729.7	725.1	229	726.5	722.3
BT	230.2	726.4	721.6							
X1	2.62	17	255	345	980	530	910			
X3	10							708.7	709.1	
GR	716.6		714.6	56	712.6	117	710.6	159	710.4	240
GR	710.2	242.5	705.5	255	705.5	259.3	703.7	263	703.7	338
GR	705.9	342	705.9	345	710.7	356.5	710.7	1174	712.6	1293
GR	714.6	1340	716.6	1353						

X1	3.45	19	501	550	420	510	500			
GR	718.6		716.6	58	714.6	120	712.6	170	710.6	225
GR	710.6	475	708.6	495	706.6	498	706.3	501	706.2	502
GR	706.2	549	706.3	550	706.6	558	708.6	563	710.6	675
GR	712.6	926	714.6	1000	716.6	1052	718.6	1085		
X1	3.55	19	268	314	500	535	500			
GR	720.6		718.6	10	716.6	22	714.6	50	712.6	109
GR	710.6	240	708.6	265	706.7	268	706.5	269	706.5	313
GR	706.7	314	708.6	320	710.6	330	710.6	640	712.6	740
GR	714.6	790	716.6	844	718.6	860	720.6	877		
X1	3.61	19	193	242	345	230	320			
GR	717.6		716.6	37	716.6	90	714.6	120	712.6	173
GR	710.6	184	708.6	190	707	193	706.7	194	706.7	241
GR	707	242	709.6	248	710.6	250	710.6	605	712.6	713
GR	714.6	778	716.6	825	718.6	842	720.6	860		
X1	3.62	26	279.9	320.1	50	50	50			
X3	10							713.6	713.1	
GR	717.6	82	717.1	100	716.6	118	716.6	172	714.6	200
GR	712.6	250	711.1	262.5	711.1	262.6	710.6	266	709.1	279.9
GR	706.8	294	706.8	300	707.9	309	709.2	315	710.3	320.1
GR	710.6	332	710.6	350	710.6	400	710.6	500	710.6	600
GR	710.6	687	710.9	700	712.6	800	714.3	850	714.6	860
GR	716.3	900								
SB		2	2.6		40.2		215.4			
X1	3.625				43	43	43		1	
X2			1	713.6	715					
X3	10							716	715	
BT	23	82	718.5	717.6	100	718.3	717.1	118	718	716.6
BT	172	717.1	716.6	200	716.7	714.6	250	716.1	712.6	262.5
BT	716	711.1	262.6	716.3	711.1	266	716.3	710.6	279.9	716.1
BT	713.6	300	715.8	713.3	320.1	715.6	713.1	332	715.5	710.6
BT	350	715.2	710.6	400	715	710.6	500	715	710.6	600
BT	715.6	710.6	687	716.4	710.6	700	716.6	710.9	800	718.2
BT	712.6	850	719.2	714.3	860	719.2	714.6	900	719.2	716.3
X1	3.63	16	209	223	45	50	40			
GR	717.5		716.6	81	714.6	151	712.6	173	710.6	198
GR	708.6	205	708.3	209	706.8	210	706.8	222	708.3	223
GR	708.6	229	710.6	235	710.6	460	712.6	630	714.6	686
GR	716.6	797								
X1	3.69	15	321	335	190	290	230			
GR	717.5		716.6	134	714.6	222	712.6	279	710.6	299
GR	708.6	313	708.2	321	706.8	322	706.8	334	708.2	335
GR	708.6	340	710.6	352	712.6	955	714.6	1102	716.6	1240

X1	3.7	27	365	439	50	50	50				
X3	10							713.4	713.4		
GR	717.5	72	717	150	716.7	200	714.6	294	714.4	300	
GR	712.6	350	709.9	365	708.5	375	707.8	379	706.8	390	
GR	707.4	400	708.3	415	708.7	419	707.4	425	707.9	430.5	
GR	709	439	709.1	450	709.4	500	710	600	710.6	700	
GR	711.2	800	711.8	900	712.4	1000	712.6	1026	713.6	1100	
GR	715	1200	716.6	1312							
SB	1.05	2	2.6		74	3	418.2				
X1	3.705				92.7	92.7	92.7		1		
X2			1	713.4	714.3						
X3	10							717.3	714.3		
BT	20	72	718.1	717.5	150	717.3	717	200	717.3	716.7	
BT	294.4	717.6	714.6	300	717.6	714.4	350	717.5	712.6	365	
BT	717.4	713.4	400	717.2	713.4	439	716.5	713.4	450	716.3	
BT	709.1	500	715.6	709.4	600	715.4	710	700	714	710.6	
BT	800	714.5	711.2	900	714.3	711.8	1000	714.6	712.4	1026	
BT	714.7	712.6	1100	715	713.6	1200	716.2	715	1312	717.5	
BT	716.6										
NC	.06	.06	.05								
X1	3.71	16	350	362	60	75	75				
GR	716.6		714.6	14	712.6	142	712.6	330	710.6	339	
GR	708.6	341	708.6	348	708.6	350	706.8	351	706.8	361	
GR	708.8	362	710.6	375	712.6	380	712.6	785	714.6	1140	
GR	716.6	1285									
X1	3.81	13	227	245	605	470	530				
GR	716.6		714.6	91	712.6	200	710.6	222	710.3	227	
GR	707.6	228	707.3	244	710.2	245	710.6	252	712.6	261	
GR	712.6	455	714.6	700	716.6	845					
X1	3.91	17	135	153	515	485	510				
GR	716.6		714.6	12	714.6	120	712.6	125	710.6	131	
GR	710.3	135	707.7	136	707.7	152	710.3	153	710.6	156	
GR	712.6	163	712.6	200	710.6	207	710.6	261	712.6	378	
GR	714.6	465	716.6	516							
X1	4.02	13	318	328	550	540	545				
GR	716.6		714.6	55	712.6	129	712	302	710.6	311	
GR	710	318	708.3	319	708.3	327	710.1	328	710.6	330	
GR	712.6	414	714.6	632	716.6	690					
X1	4.12	13	480	489	500	530	520				
GR	716.6		714.6	151	712.6	358	712.6	460	710.6	475	
GR	710.2	480	708.5	481	708.5	488	710.3	489	710.6	491	
GR	712.6	500	714.6	627	716.6	718					

SB	1.25	2	2.6		54	6	357.6			
X1	4.735				15	15	15			
X2			1	720.9	723			1		
X3	10							724.3	723	
BT	15		725.6	718.6	100	725	718.1	200	724.5	717.5
BT	250	724.3	717.3	273	724.3	720.9	327	724.1	720.7	350
BT	724	715.7	400	723.8	715.9	500	723.4	716.1	600	723.1
BT	716.2	700	723	716.4	800	723	716.6	900	723.2	717.4
BT	1000	732.2	718.1	1067	723.2	718.6				
NC	.05	.05	.035							
X1	4.74	14	252	280	50	70	50			
GR	720.6		718.6	209	716.6	239	714.6	245	712.6	249
GR	712.1	252	710.9	253	710.9	279	712.1	280	712.6	289
GR	714.6	297	716.6	850	718.6	882	720.6	891		
X1	4.86	19	198	211	720	560	610			
GR	722.6		720.6	62	718.6	72	716.6	117	714.6	191
GR	712.6	195	712.1	198	711.1	199	711.1	210	712.2	211
GR	712.6	218	714.6	220	716.6	222	716.6	229	714.6	292
GR	714.6	335	716.6	440	718.6	449	720.6	452		
X1	4.98	16	183	195	630	615	625			
GR	722.6		720.6	10	718.6	60	716.6	169	714.6	175
GR	712.6	181	712.3	183	711.3	184	711.3	194	712.2	195
GR	712.6	198	714.6	200	716.6	400	718.6	473	720.6	503
GR	722.6	508								
X1	5.09	21	206	220	630	580	600			
GR	722.6		720.6	35	718.6	65	716.6	125	716.6	193
GR	714.6	197	712.6	202	711.5	206	711.5	207	711.5	219
GR	711.5	220	712.6	225	714.6	227	716.6	231	716.6	242
GR	714.6	428	714.6	472	716.6	495	718.6	519	720.6	543
GR	722.6	551								
NC	.16	.16	.035							
X1	5.2	16	403	408	520	580	570			
GR	722.6		720.6	55	718.6	93	716.6	152	716.6	390
GR	714.6	396	714.2	403	711.8	404	711.8	407	714.2	408
GR	714.6	412	716.6	422	716.6	505	718.6	596	720.6	620
GR	722.6	627								
X1	5.32	14	948	957	675	570	610			
X3	10			440		1035				
GR	720.6		718.6	112	716.6	357	716.6	650	714.6	879
GR	714.6	942	713	948	712.1	949	712.1	956	713	957
GR	714.6	965	716.6	1003	718.6	1052	720.6	1075		

X1	5.42	18	400	412	555	550	550				
GR	722.6		720.6	60	718.6	95	716.6	140	716.6	367	
GR	718.6	371	718.6	376	716.6	380	714.6	390	713.5	400	
GR	712.3	401	712.3	411	713.6	412	714.6	430	716.6	465	
GR	718.6	550	720.6	612	722.6	693					
X1	5.54	15	287	302	660	595	620				
GR	724.6		722.6	22	720.6	60	718.6	110	716.6	165	
GR	714.6	260	714.3	287	712.6	288	712.6	301	714.3	302	
GR	714.6	317	716.6	425	718.6	598	720.6	627	722.6	695	
X1	5.64	19	438	452	540	535	540				
GR	724.6		722.6	17	720.6	67	718.6	91	716.6	157	
GR	716.6	225	714.6	250	714.6	434	714.3	438	712.8	439	
GR	712.8	451	714.3	452	714.6	461	716.6	625	716.6	660	
GR	718.6	728	720.6	860	722.6	888	724.6	925			
X1	5.74	18	405	418	555	550	550				
X3	10			38		590					
GR	724.6		722.6	2	720.6	7	718.6	52	716.6	153	
GR	716.6	348	714.6	402	714.2	405	712.9	406	712.9	417	
GR	714.2	418	714.6	433	714.6	443	716.6	457	718.6	565	
GR	720.6	692	722.6	774	724.6	825					
X1	5.83	14	595	621	395	610	500				
X3	10			28		780					
GR	722.6		720.6	5	718.6	40	716.6	225	714.6	585	
GR	713.1	595	713.1	596	713.1	620	713.1	621	714.6	627	
GR	716.6	988	718.6	1092	720.6	1345	722.6	1470			
X1	5.84	35	682.5	717.5	50	50	50				
X3	10							725.5	725.5		
GR	722.6	92	720.6	100	718.6	132	717.9	200	716.8	300	
GR	716.6	317	716.5	400	716.5	500	716.4	600	716.4	650	
GR	716.4	679.9	716.4	680	716.4	682.5	714.7	687.6	713.7	687.7	
GR	713.8	694	713.5	700	713.2	706	713.7	712.2	715.2	712.3	
GR	717.4	717.5	717.4	720	717.4	720.1	717.5	750	717.6	800	
GR	717.9	900	718.1	1000	718.4	1100	718.6	1185	718.7	1200	
GR	719.5	1300	720.3	1400	720.6	1437	721.6	1500	722.6	1562	
SB		2	2.6		35		402.4				
X1	5.845				23.5	23.5	23.5		1		
X2			1	725.5	728.3						
X3	10							728.5	728.3		
BT	28	92	732.7	722.6	100	730.6	720.6	132	730.4	718.6	
BT	200	729.9	717.9	300	729.4	716.8	317	729.4	716.6	400	
BT	729.1	716.5	500	728.8	716.5	600	728.6	716.4	650	728.5	
BT	716.4	679.9	728.5	716.4	680	729.5	716.4	682.5	729.5	725.5	
BT	717.5	729.5	725.5	720	729.5	717.4	720.1	728.5	717.4	750	
BT	728.4	717.5	800	728.3	717.6	900	728.3	717.9	1000	728.3	
BT	718.1	1100	728.4	718.4	1185	728.6	718.6	1200	728.6	718.7	
BT	1300	729	719.5	1400	729.6	720.3	1437	729.8	720.6	1500	
BT	730.1	721.6	1562	730.4	722.6						

X1	5.88	17	487	513	50	50	50				
X3	10							718.8	718.8		
GR	724.6	40	722.6	60	720.6	105	718.6	135	716.6	206	
GR	714.6	354	713.5	466	712.2	487	712.2	513	714.2	536	
GR	714.6	542	714.6	946	716.6	1168	718.6	1186	720.6	1525	
GR	722.6	1668	724.6	1970							
SB	1.25	1.4	2.8	1420	26	1	165				
X1	5.885				180.5	180.5	180.5	1			
X2			1	718.8	723.1						
X3	10							723.1	723.1		
X1	5.89	17	425	496	60	75	60				
X3	10			365		665					
GR	724.6		722.6	20	720.6	64	718.6	95	716.6	165	
GR	714.6	314	713.5	425	712.1	426	712.1	495	714.2	496	
GR	714.6	502	714.6	905	716.6	1128	718.6	1245	720.6	1485	
GR	722.6	1629	724.6	1930							
X1	5.99	18	378	535	580	590	580				
X3	10			64		1140					
GR	724.6		722.6	23	720.6	55	718.6	85	716.6	115	
GR	714.6	155	713.4	378	712.2	379	712.2	534	713	535	
GR	714.6	989	714.6	1097	716.6	1113	716.6	1178	718.6	1445	
GR	720.6	1710	722.6	1875	724.6	1962					
X1	6.11	15	533	625	640	635	635				
X3	10			120		1275					
GR	724.6		722.6	35	720.6	75	718.6	125	716.6	197	
GR	714.6	225	713	533	712.3	534	712.3	624	713	625	
GR	714.6	1221	714.6	1265	716.6	2010	718.6	2234	720.6	2322	

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T1 USGS RERUN OF SEWRPC LITTLE MENOMONEE RIVER PROFILES CITY OF MILWAUKEE FIS
T2 CROSS SECTION DATA WITH EFFECTIVE FLOW ENCROACHMENTS (FLOODWAY)
T3 LITTLE MENOMONEE EXISTING CONDITION Q5 DISCHARGE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
		3					-1		698.3	
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	2		-1							

T1 USGS RERUN OF SEWRPC LITTLE MENOMONEE RIVER PROFILES CITY OF MILWAUKEE FIS
T2 CROSS SECTION DATA WITH EFFECTIVE FLOW ENCROACHMENTS (FLOODWAY)
T3 LITTLE MENOMONEE EXISTING CONDITION Q10 DISCHARGE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
		4					-1		699.85	
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3		-1							

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T1 USGS RERUN OF SEWRPC LITTLE MENOMONEE RIVER PROFILES CITY OF MILWAUKEE FIS
T2 CROSS SECTION DATA WITH EFFECTIVE FLOW ENCROACHMENTS [FLOODWAY]
T3 LITTLE MENOMONEE EXISTING CONDITION Q25 DISCHARGE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
		5					-1		700.45	
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	4		-1							

17NOV92 11:22:45

PAGE 18

T1 USGS RERUN OF SEWRPC LITTLE MEMOMONEE RIVER PROFILES CITY OF MILWAUKEE FIS
T2 CROSS SECTION DATA WITH EFFECTIVE FLOW ENCROACHMENTS [FLOODWAY]
T3 LITTLE MEMOMONEE EXISTING CONDITION Q50 DISCHARGE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
		6					-1		701.25	
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	5		-1							

17NOV92 11:22:45

PAGE 19

T1 USGS RERUN OF SEWRPC LITTLE MENOMONEE RIVER PROFILES CITY OF MILWAUKEE FIS
T2 CROSS SECTION DATA WITH EFFECTIVE FLOW ENCROACHMENTS (FLOODWAY)
T3 LITTLE MENOMONEE EXISTING CONDITION Q100 DISCHARGE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
		7					-1		701.9	
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	6		-1							

T1 USGS RERUN OF SEWRPC LITTLE MENOMONEE RIVER PROFILES CITY OF MILWAUKEE FIS
T2 CROSS SECTION DATA WITH EFFECTIVE FLOW ENCROACHMENTS [FLOODWAY]
T3 LITTLE MENOMONEE EXISTING CONDITION Q500 DISCHARGE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
		8					-1		703.8	
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	7		-1							

THIS RUN EXECUTED 17NOV92 11:23:14

 HEC-2 WATER SURFACE PROFILES
 Version 4.6.2; May 1991

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

LITTLE MEMONONEE
 SUMMARY PRINTOUT

SECNO	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA	
*	.100	462.00	697.36	335.71	344.00	357.00	411.50	75.79	.00	693.50	.00	7.94	1.80
	.100	654.00	698.30	332.90	344.00	357.00	474.75	141.85	.00	693.50	.00	6.82	2.53
	.100	802.00	699.85	329.61	344.00	357.00	553.00	223.39	.00	693.50	.00	3.42	2.00
	.100	1041.00	700.45	328.46	344.00	357.00	557.80	229.34	.00	693.50	.00	3.40	1.75
	.100	1243.00	701.25	307.77	344.00	357.00	560.30	252.53	.00	693.50	.00	3.02	1.54
	.100	1465.00	701.90	284.29	344.00	357.00	561.60	277.31	.00	693.50	.00	2.90	1.45
	.100	2081.00	703.80	238.00	344.00	357.00	588.63	350.63	.00	693.50	.00	2.51	1.33
*	.200	462.00	698.95	391.09	600.00	612.00	1166.61	775.52	500.00	693.90	7.12	1.35	2.07
*	.200	654.00	699.35	378.67	600.00	612.00	1179.83	801.16	500.00	693.90	5.53	1.36	1.69
*	.200	802.00	700.12	355.27	600.00	612.00	1204.74	849.47	500.00	693.90	3.33	1.02	1.36
*	.200	1041.00	700.68	339.83	600.00	612.00	1226.19	886.36	500.00	693.90	3.39	1.00	1.25
*	.200	1243.00	701.41	338.24	600.00	612.00	1275.03	936.79	500.00	693.90	3.39	.88	1.17
*	.200	1465.00	702.04	336.88	600.00	612.00	1316.63	979.75	500.00	693.90	3.42	.84	1.13
*	.200	2081.00	703.89	.00	600.00	612.00	1373.77	1049.74	500.00	693.90	3.42	.73	1.08
*	.300	462.00	699.06	339.78	765.00	782.00	1077.34	737.56	500.00	694.20	1.44	.94	1.69
	.300	654.00	699.46	324.23	765.00	782.00	1106.64	782.41	500.00	694.20	1.34	1.02	1.51
	.300	802.00	700.18	296.58	765.00	782.00	1158.75	862.18	500.00	694.20	1.19	.86	1.33
	.300	1041.00	700.73	275.02	765.00	782.00	1197.87	922.85	500.00	694.20	1.15	.87	1.25
	.300	1243.00	701.45	248.55	765.00	782.00	1239.72	991.17	500.00	694.20	1.11	.79	1.19
	.300	1465.00	702.07	225.66	765.00	782.00	1275.92	1050.26	500.00	694.20	1.10	.76	1.15
	.300	2081.00	703.91	151.16	765.00	782.00	1379.17	1228.00	500.00	694.20	1.08	.67	1.10
	.400	462.00	699.16	534.94	1023.00	1037.00	1161.82	626.88	500.00	694.50	.74	1.24	1.80
	.400	654.00	699.56	495.85	1023.00	1037.00	1167.58	671.73	500.00	694.50	.77	1.31	1.55
	.400	802.00	700.23	432.82	1023.00	1037.00	1176.87	744.04	500.00	694.50	.77	1.09	1.36
	.400	1041.00	700.79	393.00	1023.00	1037.00	1189.51	796.51	500.00	694.50	.78	1.09	1.27
	.400	1243.00	701.49	374.10	1023.00	1037.00	1217.85	843.75	500.00	694.50	.79	.98	1.20
	.400	1465.00	702.10	357.56	1023.00	1037.00	1242.65	885.09	500.00	694.50	.80	.94	1.16
	.400	2081.00	703.92	276.88	1023.00	1037.00	1283.50	1006.62	500.00	694.50	.81	.82	1.10

SECNO	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA	
*	.500	462.00	699.37	809.72	1199.00	1214.00	1386.03	576.30	500.00	694.90	.64	1.94	2.76
*	.500	654.00	699.77	783.49	1199.00	1214.00	1398.04	614.55	500.00	694.90	.64	2.01	2.41
*	.500	802.00	700.36	744.98	1199.00	1214.00	1415.68	670.71	500.00	694.90	.64	1.69	2.03
*	.500	1041.00	700.89	710.09	1199.00	1214.00	1429.45	719.36	500.00	694.90	.65	1.65	1.79
*	.500	1243.00	701.56	667.04	1199.00	1214.00	1444.14	777.10	500.00	694.90	.66	1.46	1.60
*	.500	1465.00	702.16	628.47	1199.00	1214.00	1457.29	828.82	500.00	694.90	.68	1.37	1.50
*	.500	2081.00	703.96	569.63	1199.00	1214.00	1494.00	924.37	500.00	694.90	.71	1.15	1.32
	.600	462.00	699.83	1044.20	1462.00	1481.00	1589.44	438.66	500.00	695.20	.76	2.64	4.07
	.600	654.00	700.22	1023.66	1462.00	1481.00	1598.93	506.28	500.00	695.20	.74	2.80	3.69
*	.600	802.00	700.66	1001.18	1462.00	1481.00	1609.65	608.47	500.00	695.20	.66	2.58	3.25
*	.600	1041.00	701.14	977.85	1462.00	1481.00	1623.25	645.40	500.00	695.20	.67	2.46	2.70
*	.600	1243.00	701.73	949.65	1462.00	1481.00	1639.70	690.05	500.00	695.20	.68	2.15	2.25
*	.600	1465.00	702.29	922.78	1462.00	1481.00	1655.38	732.60	500.00	695.20	.69	1.98	1.98
*	.600	2081.00	704.02	854.67	1462.00	1481.00	1712.35	857.68	500.00	695.20	.74	1.55	1.54
	.700	462.00	700.32	1156.94	1531.00	1546.00	1666.95	427.75	500.00	695.50	1.23	2.20	2.49
	.700	654.00	700.71	1113.62	1531.00	1546.00	1652.52	538.90	500.00	695.50	1.24	2.33	2.34
	.700	802.00	701.04	1092.06	1531.00	1546.00	1659.87	567.81	500.00	695.50	1.17	2.23	2.08
	.700	1041.00	701.46	1064.37	1531.00	1546.00	1669.30	604.93	500.00	695.50	1.13	2.19	1.83
	.700	1243.00	701.95	1032.03	1531.00	1546.00	1680.33	648.29	500.00	695.50	1.08	1.98	1.65
	.700	1465.00	702.45	998.60	1531.00	1546.00	1691.73	693.13	500.00	695.50	1.07	1.82	1.52
	.700	2081.00	704.09	924.98	1531.00	1546.00	1756.04	831.06	500.00	695.50	1.10	1.39	1.31
	.800	462.00	700.77	1272.62	1433.00	1446.00	1791.17	518.55	500.00	695.70	.90	2.54	2.08
	.800	654.00	701.15	1245.44	1433.00	1446.00	1809.10	563.67	500.00	695.70	.94	2.56	2.01
	.800	802.00	701.42	1226.17	1433.00	1446.00	1821.81	595.63	500.00	695.70	.92	2.49	1.82
	.800	1041.00	701.79	1198.92	1433.00	1446.00	1839.79	640.86	500.00	695.70	.93	2.39	1.59
	.800	1243.00	702.19	1170.26	1433.00	1446.00	1858.69	688.43	500.00	695.70	.92	2.17	1.44
	.800	1465.00	702.64	1136.90	1433.00	1446.00	1880.02	743.12	500.00	695.70	.93	1.96	1.33
	.800	2081.00	704.17	985.51	1433.00	1446.00	1954.56	969.05	500.00	695.70	1.01	1.36	1.22
*	.880	462.00	700.98	1186.87	1198.00	1214.00	1652.40	465.54	420.00	695.90	2.21	1.15	1.30
*	.880	654.00	701.35	1185.75	1198.00	1214.00	1676.30	490.54	420.00	695.90	2.05	1.25	1.20
*	.880	802.00	701.60	1184.99	1198.00	1214.00	1692.67	507.68	420.00	695.90	1.90	1.31	1.16
*	.880	1041.00	701.96	1183.93	1198.00	1214.00	1715.59	531.66	420.00	695.90	1.71	1.39	1.12
*	.880	1243.00	702.33	1182.80	1198.00	1214.00	1739.80	557.00	420.00	695.90	1.57	1.38	1.09
*	.880	1465.00	702.75	896.85	1198.00	1214.00	1763.17	866.32	420.00	695.90	1.44	1.35	1.11
*	.880	2081.00	704.22	808.54	1198.00	1214.00	1822.79	1014.25	420.00	695.90	1.26	1.07	1.25
*	1.110	462.00	701.33	1144.17	1137.60	1262.40	1251.02	106.84	1215.00	697.00	.68	1.28	1.00
*	1.110	654.00	701.76	1142.66	1137.60	1262.40	1252.52	109.86	1215.00	697.00	.60	1.61	1.00
*	1.110	802.00	702.05	1141.65	1137.60	1262.40	1253.51	111.86	1215.00	697.00	.55	1.83	1.00
*	1.110	1041.00	702.44	1140.25	1137.60	1262.40	1254.90	114.64	1215.00	697.00	.50	2.15	1.00
*	1.110	1243.00	702.80	1139.04	1137.60	1262.40	1256.10	117.06	1215.00	697.00	.45	2.37	1.00
*	1.110	1465.00	703.18	1137.68	1137.60	1262.40	1257.45	119.76	1215.00	697.00	.41	2.57	1.00
*	1.110	2081.00	704.43	1137.60	1137.60	1262.40	1261.81	124.21	1215.00	697.00	.29	2.88	1.00

SECD0	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA	
1.115	462.00	701.33	1144.17	1137.60	1262.40	1251.02	106.86	91.20	697.00	1.00	1.28	1.00	
1.115	654.00	701.76	1142.65	1137.60	1262.40	1252.52	109.87	91.20	697.00	1.00	1.61	1.00	
1.115	802.00	702.05	1141.65	1137.60	1262.40	1253.52	111.87	91.20	697.00	1.00	1.83	1.00	
1.115	1041.00	702.45	1140.25	1137.60	1262.40	1254.91	114.66	91.20	697.00	1.00	2.15	1.00	
1.115	1243.00	702.80	1139.00	1137.60	1262.40	1256.14	117.14	91.20	697.00	1.00	2.37	1.00	
1.115	1465.00	703.18	1137.67	1137.60	1262.40	1257.46	119.79	91.20	697.00	1.00	2.57	1.00	
1.115	2081.00	704.43	1137.60	1137.60	1262.40	1261.82	124.22	91.20	697.00	1.00	2.88	1.00	
*	1.120	462.00	701.36	385.00	541.00	559.00	842.77	457.77	50.00	697.00	.68	2.23	2.49
	1.120	654.00	701.81	385.00	541.00	559.00	870.00	485.00	50.00	697.00	.86	2.24	2.19
	1.120	802.00	702.12	385.00	541.00	559.00	870.00	485.00	50.00	697.00	.99	2.22	1.97
	1.120	1041.00	702.55	385.00	541.00	559.00	870.00	485.00	50.00	697.00	1.16	2.24	1.73
	1.120	1243.00	702.92	385.00	541.00	559.00	870.00	485.00	50.00	697.00	1.29	2.22	1.59
*	1.120	1465.00	703.32	385.00	541.00	559.00	870.00	485.00	50.00	697.00	1.42	2.20	1.48
*	1.120	2081.00	704.61	385.00	541.00	559.00	870.00	485.00	50.00	697.00	1.71	2.03	1.29
	1.220	462.00	701.86	625.00	833.00	845.00	1253.60	628.60	500.00	697.10	.97	2.44	5.55
	1.220	654.00	702.27	625.00	833.00	845.00	1272.49	647.49	500.00	697.10	.95	2.48	4.28
	1.220	802.00	702.54	625.00	833.00	845.00	1285.23	660.23	500.00	697.10	.92	2.51	3.73
	1.220	1041.00	702.94	625.00	833.00	845.00	1299.16	674.16	500.00	697.10	.91	2.55	3.15
	1.220	1243.00	703.28	625.00	833.00	845.00	1309.83	684.83	500.00	697.10	.89	2.56	2.83
	1.220	1465.00	703.65	625.00	833.00	845.00	1321.57	696.57	500.00	697.10	.88	2.55	2.59
	1.220	2081.00	704.83	625.00	833.00	845.00	1354.00	729.00	500.00	697.10	.86	2.37	2.17
	1.290	462.00	702.12	335.01	525.00	541.00	941.70	583.25	310.00	697.10	1.25	2.01	5.32
	1.290	654.00	702.52	304.09	525.00	541.00	945.29	621.05	310.00	697.10	1.16	2.19	4.46
	1.290	802.00	702.79	288.73	525.00	541.00	953.41	646.30	310.00	697.10	1.14	2.28	3.95
	1.290	1041.00	703.18	270.39	525.00	541.00	968.09	681.54	310.00	697.10	1.10	2.38	3.39
	1.290	1243.00	703.51	255.04	525.00	541.00	980.37	711.03	310.00	697.10	1.08	2.43	3.07
	1.290	1465.00	703.86	240.00	525.00	541.00	993.79	741.52	310.00	697.10	1.07	2.44	2.80
	1.290	2081.00	704.98	240.00	525.00	541.00	1028.00	788.00	310.00	697.10	1.05	2.29	2.28
*	1.440	462.00	702.75	440.00	513.00	522.00	1110.00	670.00	680.00	697.30	.65	3.29	3.07
*	1.440	654.00	703.18	440.00	513.00	522.00	1110.00	670.00	680.00	697.30	.66	3.53	4.83
*	1.440	802.00	703.46	440.00	513.00	522.00	1110.00	670.00	680.00	697.30	.66	3.63	5.03
*	1.440	1041.00	703.85	440.00	513.00	522.00	1110.00	670.00	680.00	697.30	.67	3.75	4.81
*	1.440	1243.00	704.16	440.00	513.00	522.00	1110.00	670.00	680.00	697.30	.67	3.79	4.50
*	1.440	1465.00	704.48	440.00	513.00	522.00	1110.00	670.00	680.00	697.30	.66	3.83	4.17
*	1.440	2081.00	705.43	440.00	513.00	522.00	1110.00	670.00	680.00	697.30	.63	3.71	3.37
	1.450	462.00	702.79	584.00	584.00	616.00	616.00	32.00	50.00	697.40	1.15	2.78	1.00
	1.450	654.00	703.20	584.00	584.00	616.00	616.00	32.00	50.00	697.40	.94	3.65	1.00
	1.450	802.00	703.45	584.00	584.00	616.00	616.00	32.00	50.00	697.40	.82	4.29	1.00
*	1.450	1041.00	703.78	584.00	584.00	616.00	616.00	32.00	50.00	697.40	.69	5.27	1.00
*	1.450	1243.00	704.02	584.00	584.00	616.00	616.00	32.00	50.00	697.40	.60	6.05	1.00
*	1.450	1465.00	704.26	584.00	584.00	616.00	616.00	32.00	50.00	697.40	.53	6.87	1.00
*	1.450	2081.00	704.97	584.00	584.00	616.00	616.00	32.00	50.00	697.40	.39	8.82	1.00

SECNO	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA
1.455	462.00	702.84	584.00	584.00	616.00	616.00	32.00	39.00	697.40	1.01	2.76	1.00
1.455	654.00	703.28	584.00	584.00	616.00	616.00	32.00	39.00	697.40	1.02	3.60	1.00
1.455	802.00	703.55	584.00	584.00	616.00	616.00	32.00	39.00	697.40	1.03	4.21	1.00
1.455	1041.00	703.93	584.00	584.00	616.00	616.00	32.00	39.00	697.40	1.04	5.14	1.00
1.455	1243.00	704.22	584.00	584.00	616.00	616.00	32.00	39.00	697.40	1.05	5.87	1.00
1.455	1465.00	704.52	584.00	584.00	616.00	616.00	32.00	39.00	697.40	1.07	6.61	1.00
1.455	2081.00	705.40	584.00	584.00	616.00	616.00	32.00	39.00	697.40	1.10	8.32	1.00
*	1.460	462.00	703.00	420.00	615.00	632.00	1086.68	666.68	697.30	2.25	1.29	2.26
*	1.460	654.00	703.55	420.00	615.00	632.00	1134.34	714.34	697.30	2.97	1.29	1.95
*	1.460	802.00	703.92	420.00	615.00	632.00	1166.09	746.09	697.30	3.50	1.29	1.78
*	1.460	1041.00	704.47	420.00	615.00	632.00	1213.90	793.90	697.30	4.35	1.28	1.60
*	1.460	1243.00	704.93	420.00	615.00	632.00	1247.27	827.27	697.30	5.10	1.26	1.48
*	1.460	1465.00	705.41	420.00	615.00	632.00	1280.64	860.64	697.30	5.95	1.23	1.39
*	1.460	2081.00	706.81	420.00	615.00	632.00	1368.55	948.55	697.30	8.34	1.14	1.25
*	1.550	462.00	703.19	280.97	385.00	397.00	415.64	134.67	697.40	.32	4.09	1.82
*	1.550	654.00	703.71	235.00	385.00	397.00	417.99	182.99	697.40	.28	4.69	2.29
*	1.550	802.00	704.06	235.00	385.00	397.00	419.59	184.59	697.40	.26	4.91	2.35
*	1.550	1041.00	704.59	235.00	385.00	397.00	421.96	186.96	697.40	.25	5.11	2.25
*	1.550	1243.00	705.04	235.00	385.00	397.00	421.55	186.55	697.40	.26	4.93	2.54
*	1.550	1465.00	705.52	235.00	385.00	397.00	421.82	186.82	697.40	.27	4.58	2.50
*	1.550	2081.00	706.89	235.00	385.00	397.00	421.81	186.81	697.40	.32	3.58	1.99
*	1.570	462.00	703.43	27.09	19.10	138.90	133.23	106.14	697.60	4.29	.86	1.00
*	1.570	654.00	703.99	25.82	19.10	138.90	134.53	108.71	697.60	3.86	1.09	1.00
*	1.570	802.00	704.35	25.02	19.10	138.90	135.35	110.33	697.60	3.49	1.26	1.00
*	1.570	1041.00	704.87	23.84	19.10	138.90	138.90	115.06	697.60	3.00	1.50	1.00
*	1.570	1243.00	705.27	19.10	19.10	138.90	138.90	119.80	697.60	2.52	1.67	1.00
*	1.570	1465.00	705.69	19.10	19.10	138.90	138.90	119.80	697.60	2.13	1.85	1.00
*	1.570	2081.00	706.94	19.10	19.10	138.90	138.90	119.80	697.60	1.41	2.21	1.00
1.575	462.00	703.43	27.09	19.10	138.90	133.23	106.15	91.00	697.60	1.00	.86	1.00
1.575	654.00	703.99	25.82	19.10	138.90	134.53	108.72	91.00	697.60	1.00	1.09	1.00
1.575	802.00	704.35	25.02	19.10	138.90	135.35	110.34	91.00	697.60	1.00	1.26	1.00
1.575	1041.00	704.87	23.83	19.10	138.90	138.90	115.07	91.00	697.60	1.00	1.49	1.00
1.575	1243.00	705.27	19.10	19.10	138.90	138.90	119.80	91.00	697.60	1.00	1.67	1.00
1.575	1465.00	705.69	19.10	19.10	138.90	138.90	119.80	91.00	697.60	1.00	1.85	1.00
1.575	2081.00	706.95	19.10	19.10	138.90	138.90	119.80	91.00	697.60	1.00	2.21	1.00
*	1.600	462.00	703.43	352.54	452.00	467.00	483.72	131.18	697.70	.28	3.37	1.67
*	1.600	654.00	704.00	291.25	452.00	467.00	486.30	195.05	697.70	.31	3.92	2.13
*	1.600	802.00	704.37	251.90	452.00	467.00	487.95	236.06	697.70	.33	4.19	2.39
*	1.600	1041.00	704.92	215.00	452.00	467.00	578.11	363.11	697.70	.40	4.25	2.58
*	1.600	1243.00	705.34	215.00	452.00	467.00	589.64	374.64	697.70	.47	4.16	2.50
*	1.600	1465.00	705.78	215.00	452.00	467.00	602.08	387.08	697.70	.53	4.01	2.32
1.600	2081.00	707.07	215.00	452.00	467.00	660.63	445.63	175.00	697.70	.72	3.49	1.86

	SECNO	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA
*	1.700	462.00	703.98	243.92	422.00	437.00	788.21	521.89	500.00	698.30	1.66	2.02	2.82
*	1.700	654.00	704.58	172.91	422.00	437.00	876.39	692.03	500.00	698.30	2.01	1.96	2.72
*	1.700	802.00	704.93	162.63	422.00	437.00	906.91	744.28	500.00	698.30	2.22	1.89	2.39
*	1.700	1041.00	705.41	151.34	422.00	437.00	948.16	796.82	500.00	698.30	2.33	1.81	2.01
*	1.700	1243.00	705.77	143.01	422.00	437.00	978.57	835.55	500.00	698.30	2.32	1.78	1.82
*	1.700	1465.00	706.15	134.24	422.00	437.00	1010.58	876.34	500.00	698.30	2.27	1.75	1.67
*	1.700	2081.00	707.31	106.67	422.00	437.00	1082.67	976.00	500.00	698.30	2.19	1.56	1.40
*	1.800	462.00	704.34	351.64	400.00	422.00	438.45	86.81	500.00	699.00	.68	2.86	1.55
*	1.800	654.00	704.90	334.07	400.00	422.00	776.55	442.49	500.00	699.00	.57	3.30	2.52
*	1.800	802.00	705.22	320.15	400.00	422.00	799.74	479.59	500.00	699.00	.54	3.38	3.02
*	1.800	1041.00	705.66	300.91	400.00	422.00	831.81	530.90	500.00	699.00	.51	3.38	3.10
*	1.800	1243.00	706.00	286.12	400.00	422.00	856.47	570.35	500.00	699.00	.51	3.34	2.94
*	1.800	1465.00	706.36	270.49	400.00	422.00	882.52	612.03	500.00	699.00	.51	3.25	2.73
*	1.800	2081.00	707.44	216.65	400.00	422.00	973.66	757.01	500.00	699.00	.54	2.78	2.10
	1.900	462.00	705.05	318.84	377.00	389.00	680.21	361.37	500.00	699.70	.84	3.41	2.46
	1.900	654.00	705.64	262.12	377.00	389.00	753.67	491.54	500.00	699.70	1.03	3.22	2.87
	1.900	802.00	705.93	234.12	377.00	389.00	789.95	555.83	500.00	699.70	1.05	3.23	2.77
	1.900	1041.00	706.32	197.24	377.00	389.00	837.71	640.47	500.00	699.70	1.03	3.25	2.56
	1.900	1243.00	706.60	169.89	377.00	389.00	873.16	703.27	500.00	699.70	1.02	3.25	2.39
	1.900	1465.00	706.90	161.12	377.00	389.00	886.02	724.91	500.00	699.70	1.01	3.17	2.14
	1.900	2081.00	707.78	134.70	377.00	389.00	924.77	790.07	500.00	699.70	.96	2.81	1.67
	2.000	462.00	706.00	211.18	421.00	430.00	440.10	174.14	500.00	700.40	.90	3.85	2.28
	2.000	654.00	706.48	205.39	421.00	430.00	440.83	207.87	500.00	700.40	.76	4.27	2.27
	2.000	802.00	706.75	199.04	421.00	430.00	1030.00	830.95	500.00	700.40	.73	4.41	2.89
	2.000	1041.00	707.07	188.81	421.00	430.00	1030.00	841.19	500.00	700.40	.75	4.30	3.18
	2.000	1243.00	707.31	181.34	421.00	430.00	1030.00	848.66	500.00	700.40	.77	4.17	2.93
	2.000	1465.00	707.54	174.04	421.00	430.00	1030.00	855.96	500.00	700.40	.76	4.07	2.63
	2.000	2081.00	708.21	160.00	421.00	430.00	1030.00	870.00	500.00	700.40	.75	3.60	1.93
	2.100	462.00	706.98	294.05	397.00	410.00	796.38	502.33	500.00	701.10	1.02	4.47	7.50
	2.100	654.00	707.52	271.98	397.00	410.00	878.54	606.56	500.00	701.10	1.08	4.67	11.82
	2.100	802.00	707.80	260.34	397.00	410.00	921.89	661.55	500.00	701.10	1.08	4.86	12.45
	2.100	1041.00	708.10	247.78	397.00	410.00	935.00	687.22	500.00	701.10	.96	5.28	12.12
	2.100	1243.00	708.30	239.24	397.00	410.00	935.00	695.76	500.00	701.10	.88	5.62	11.54
	2.100	1465.00	708.51	235.00	397.00	410.00	935.00	700.00	500.00	701.10	.81	5.94	10.85
*	2.100	2081.00	709.01	235.00	397.00	410.00	935.00	700.00	500.00	701.10	.63	6.60	9.11
*	2.200	462.00	707.81	165.32	363.00	377.00	736.91	491.03	500.00	701.70	1.49	3.13	10.68
*	2.200	654.00	708.32	161.25	363.00	377.00	774.35	555.45	500.00	701.70	1.43	3.40	10.65
*	2.200	802.00	708.62	158.88	363.00	377.00	797.32	638.44	500.00	701.70	1.40	3.62	10.29
*	2.200	1041.00	708.99	155.89	363.00	377.00	856.48	700.60	500.00	701.70	1.42	3.91	9.62
*	2.200	1243.00	709.26	153.75	363.00	377.00	898.63	744.87	500.00	701.70	1.43	4.13	9.11
*	2.200	1465.00	709.51	151.68	363.00	377.00	915.00	763.32	500.00	701.70	1.45	4.34	8.60
*	2.200	2081.00	710.12	148.00	363.00	377.00	915.00	767.00	500.00	701.70	1.46	4.83	7.33

SECNO	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA
2.300	462.00	708.34	278.40	296.00	305.00	390.95	112.55	500.00	702.40	.85	3.62	2.19
2.300	654.00	708.89	224.51	296.00	305.00	527.26	302.75	500.00	702.40	.82	4.09	2.45
2.300	802.00	709.22	211.72	296.00	305.00	553.17	341.45	500.00	702.40	.84	4.28	2.61
2.300	1041.00	709.63	195.50	296.00	305.00	586.02	390.51	500.00	702.40	.86	4.53	2.63
2.300	1243.00	709.93	184.01	296.00	305.00	609.30	425.29	500.00	702.40	.88	4.70	2.57
2.300	1465.00	710.21	172.71	296.00	305.00	632.18	459.47	500.00	702.40	.90	4.84	2.49
2.300	2081.00	710.86	148.35	296.00	305.00	721.82	573.47	500.00	702.40	.95	5.09	2.25
2.400	462.00	709.08	194.76	312.00	320.00	435.45	240.69	500.00	703.10	.85	3.90	2.78
2.400	654.00	709.67	158.16	312.00	320.00	568.58	295.97	500.00	703.10	.97	3.88	2.59
2.400	802.00	710.00	137.66	312.00	320.00	623.23	397.36	500.00	703.10	1.00	3.94	2.52
2.400	1041.00	710.42	111.39	312.00	320.00	666.47	500.51	500.00	703.10	1.04	4.01	2.42
2.400	1243.00	710.71	99.17	312.00	320.00	679.20	580.03	500.00	703.10	1.07	4.04	2.31
2.400	1465.00	710.99	97.10	312.00	320.00	691.18	594.08	500.00	703.10	1.09	4.07	2.16
2.400	2081.00	711.62	92.41	312.00	320.00	718.39	625.98	500.00	703.10	1.12	4.17	1.85
*	2.410	462.00	709.20	168.66	283.50	316.50	419.77	228.03	703.20	2.45	1.78	2.29
*	2.410	654.00	709.75	134.82	283.50	316.50	523.82	311.95	703.20	2.07	2.10	2.47
*	2.410	802.00	710.07	114.34	283.50	316.50	578.44	429.46	703.20	1.92	2.29	2.69
*	2.410	1041.00	710.47	98.57	283.50	316.50	611.72	510.99	703.20	1.75	2.56	2.96
*	2.410	1243.00	710.75	96.20	283.50	316.50	623.97	527.77	703.20	1.65	2.74	3.01
*	2.410	1465.00	711.02	93.92	283.50	316.50	635.76	541.85	703.20	1.56	2.91	2.99
*	2.410	2081.00	711.65	88.63	283.50	316.50	663.04	574.41	703.20	1.42	3.29	2.83
2.415	462.00	709.37	283.50	283.50	316.50	316.50	33.00	80.00	703.20	.76	2.40	1.00
2.415	654.00	710.13	110.49	283.50	316.50	588.70	451.54	80.00	703.20	1.19	1.83	2.74
2.415	802.00	710.44	98.81	283.50	316.50	610.49	509.06	80.00	703.20	1.19	1.99	2.95
2.415	1041.00	710.78	95.94	283.50	316.50	625.32	529.38	80.00	703.20	1.16	2.26	3.01
2.415	1243.00	711.00	94.12	283.50	316.50	634.70	540.58	80.00	703.20	1.12	2.49	2.99
2.415	1465.00	711.20	92.43	283.50	316.50	643.44	551.01	80.00	703.20	1.08	2.72	2.95
2.415	2081.00	711.70	88.19	283.50	316.50	665.35	577.16	80.00	703.20	1.02	3.23	2.81
*	2.580	462.00	709.61	48.05	13.40	229.00	145.24	97.18	703.70	2.60	1.01	1.00
*	2.580	654.00	710.28	47.17	13.40	229.00	206.48	105.90	703.70	1.53	1.25	1.00
2.580	802.00	710.65	46.68	13.40	229.00	207.24	147.74	900.00	703.70	1.22	1.41	1.00
2.580	1041.00	711.05	46.17	13.40	229.00	208.05	161.88	900.00	703.70	1.16	1.65	1.00
2.580	1243.00	711.30	45.83	13.40	229.00	208.57	162.74	900.00	703.70	1.15	1.85	1.00
2.580	1465.00	711.55	45.51	13.40	229.00	209.07	163.56	900.00	703.70	1.15	2.05	1.00
2.580	2081.00	712.15	44.72	13.40	229.00	210.32	165.60	900.00	703.70	1.14	2.56	1.00
2.585	462.00	709.61	48.05	13.40	229.00	145.24	97.18	165.00	703.70	1.00	1.01	1.00
2.585	654.00	710.29	47.17	13.40	229.00	206.48	105.96	165.00	703.70	1.00	1.25	1.00
2.585	802.00	710.65	46.68	13.40	229.00	207.24	147.74	165.00	703.70	1.00	1.41	1.00
2.585	1041.00	711.05	46.17	13.40	229.00	208.05	161.88	165.00	703.70	1.00	1.65	1.00
2.585	1243.00	711.30	45.83	13.40	229.00	208.57	162.74	165.00	703.70	1.00	1.85	1.00
2.585	1465.00	711.55	45.51	13.40	229.00	209.08	163.57	165.00	703.70	1.00	2.05	1.00
2.585	2081.00	712.15	44.71	13.40	229.00	210.32	165.61	165.00	703.70	1.00	2.56	1.00

SECNO	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA	
2.620	462.00	709.66	243.91	255.00	345.00	354.03	110.11	910.00	703.70	1.35	.86	1.05	
2.620	654.00	710.36	240.42	255.00	345.00	355.70	115.29	910.00	703.70	1.40	1.08	1.06	
*	2.620	802.00	710.76	155.65	255.00	345.00	1177.71	1022.06	910.00	703.70	1.69	1.23	1.25
*	2.620	1041.00	711.18	146.78	255.00	345.00	1204.19	1057.41	910.00	703.70	1.86	1.35	2.03
*	2.620	1243.00	711.46	140.98	255.00	345.00	1221.47	1080.48	910.00	703.70	1.97	1.41	2.22
*	2.620	1465.00	711.73	135.36	255.00	345.00	1238.25	1102.89	910.00	703.70	2.10	1.45	2.24
*	2.620	2081.00	712.39	121.51	255.00	345.00	1279.55	1158.04	910.00	703.70	2.47	1.50	2.02
2.625	462.00	709.66	255.00	255.00	345.00	345.00	90.00	42.50	703.70	.96	.90	1.00	
2.625	654.00	710.37	240.30	255.00	345.00	345.00	104.70	42.50	703.70	.98	1.10	1.03	
2.625	802.00	710.77	155.39	255.00	345.00	1178.51	1023.12	42.50	703.70	1.00	1.23	1.28	
2.625	1041.00	711.22	146.03	255.00	345.00	1206.41	1060.37	42.50	703.70	1.02	1.33	2.07	
2.625	1243.00	711.52	139.70	255.00	345.00	1225.31	1085.61	42.50	703.70	1.04	1.37	2.23	
2.625	1465.00	711.82	133.36	255.00	345.00	1244.21	1110.86	42.50	703.70	1.06	1.39	2.22	
2.625	2081.00	712.60	116.66	255.00	345.00	1293.26	1176.59	42.50	703.70	1.13	1.36	1.92	
*	2.750	462.00	709.70	358.35	387.00	405.00	1057.47	676.94	500.00	704.00	.58	1.51	2.22
2.750	654.00	710.41	345.53	387.00	405.00	1212.36	851.07	500.00	704.00	.93	1.15	1.61	
2.750	802.00	710.82	327.87	387.00	405.00	1268.38	940.51	500.00	704.00	1.15	1.04	1.41	
2.750	1041.00	711.27	298.35	387.00	405.00	1296.34	997.99	500.00	704.00	1.28	1.01	1.26	
2.750	1243.00	711.57	278.47	387.00	405.00	1315.16	1036.68	500.00	704.00	1.31	1.02	1.20	
2.750	1465.00	711.87	258.95	387.00	405.00	1333.64	1076.69	500.00	704.00	1.32	1.03	1.16	
2.750	2081.00	712.64	208.69	387.00	405.00	1381.06	1172.37	500.00	704.00	1.28	1.04	1.11	
2.850	462.00	709.77	195.89	305.00	317.00	910.24	714.35	500.00	704.30	.97	1.51	1.80	
2.850	654.00	710.45	140.00	305.00	317.00	1057.69	917.68	500.00	704.30	.97	1.16	1.40	
2.850	802.00	710.85	119.84	305.00	317.00	1109.09	989.25	500.00	704.30	.99	1.03	1.26	
2.850	1041.00	711.29	107.14	305.00	317.00	1139.39	1032.24	500.00	704.30	1.00	.98	1.16	
2.850	1243.00	711.59	98.60	305.00	317.00	1159.76	1061.16	500.00	704.30	1.01	.98	1.12	
2.850	1465.00	711.89	90.10	305.00	317.00	1180.05	1089.95	500.00	704.30	1.02	.99	1.10	
2.850	2081.00	712.66	68.61	305.00	317.00	1230.43	1161.82	500.00	704.30	1.02	1.00	1.06	
2.950	462.00	709.86	572.21	590.00	598.00	1142.75	570.54	500.00	704.60	.75	1.74	1.49	
2.950	654.00	710.50	570.33	590.00	598.00	1310.26	739.93	500.00	704.60	.73	1.36	1.24	
2.950	802.00	710.88	389.70	590.00	598.00	1355.62	965.92	500.00	704.60	.73	1.20	1.16	
2.950	1041.00	711.32	336.47	590.00	598.00	1380.60	1044.13	500.00	704.60	.75	1.11	1.14	
2.950	1243.00	711.62	300.28	590.00	598.00	1397.57	1097.30	500.00	704.60	.77	1.09	1.14	
2.950	1465.00	711.91	264.10	590.00	598.00	1414.54	1150.44	500.00	704.60	.78	1.08	1.14	
2.950	2081.00	712.68	173.20	590.00	598.00	1458.45	1285.25	500.00	704.60	.82	1.05	1.15	
3.050	462.00	710.01	231.63	526.00	541.00	767.55	493.14	500.00	704.90	.82	2.14	2.08	
3.050	654.00	710.58	162.30	526.00	541.00	975.37	811.70	500.00	704.90	.75	1.82	1.89	
3.050	802.00	710.94	144.52	526.00	541.00	1026.34	881.82	500.00	704.90	.75	1.60	1.64	
3.050	1041.00	711.37	125.89	526.00	541.00	1078.52	952.63	500.00	704.90	.75	1.49	1.44	
3.050	1243.00	711.66	112.68	526.00	541.00	1115.49	1002.81	500.00	704.90	.75	1.45	1.35	
3.050	1465.00	711.95	99.44	526.00	541.00	1152.57	1053.14	500.00	704.90	.76	1.42	1.28	
3.050	2081.00	712.71	67.92	526.00	541.00	1244.14	1176.21	500.00	704.90	.78	1.34	1.18	

SECNO	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA	
*	3.150	179.00	710.16	201.89	610.00	619.00	632.50	430.61	500.00	705.30	.76	1.21	4.93
*	3.150	299.00	710.69	144.10	610.00	619.00	802.03	510.66	500.00	705.30	.64	1.43	4.01
*	3.150	388.00	711.02	127.96	610.00	619.00	864.23	612.71	500.00	705.30	.57	1.49	3.51
*	3.150	506.00	711.43	108.30	610.00	619.00	940.02	737.04	500.00	705.30	.52	1.53	3.15
*	3.150	599.00	711.72	94.53	610.00	619.00	993.09	824.10	500.00	705.30	.50	1.55	2.97
*	3.150	695.00	712.01	80.65	610.00	619.00	1046.57	911.83	500.00	705.30	.48	1.55	2.82
*	3.150	931.00	712.76	48.04	610.00	619.00	1190.02	1141.97	500.00	705.30	.46	1.45	2.49
	3.250	179.00	710.22	104.23	529.00	539.00	711.10	539.18	500.00	705.60	.77	1.51	7.52
	3.250	299.00	710.75	69.08	529.00	539.00	768.53	699.46	500.00	705.60	.87	1.59	5.90
	3.250	388.00	711.09	64.78	529.00	539.00	809.95	745.17	500.00	705.60	.94	1.54	4.60
	3.250	506.00	711.49	59.78	529.00	539.00	858.12	798.34	500.00	705.60	.99	1.51	3.65
	3.250	599.00	711.78	56.26	529.00	539.00	892.11	835.85	500.00	705.60	1.01	1.49	3.20
	3.250	695.00	712.06	52.70	529.00	539.00	926.39	873.69	500.00	705.60	1.02	1.48	2.86
	3.250	931.00	712.80	41.40	529.00	539.00	1006.19	964.78	500.00	705.60	1.02	1.38	2.30
*	3.350	179.00	710.27	342.39	499.00	540.00	603.68	229.90	500.00	705.90	1.85	.79	2.46
*	3.350	299.00	710.81	179.50	499.00	540.00	628.71	449.22	500.00	705.90	1.43	1.08	3.13
	3.350	388.00	711.14	169.58	499.00	540.00	666.40	496.82	500.00	705.90	1.23	1.22	3.56
	3.350	506.00	711.54	157.40	499.00	540.00	712.68	555.29	500.00	705.90	1.10	1.34	3.85
	3.350	599.00	711.83	148.98	499.00	540.00	744.67	595.69	500.00	705.90	1.04	1.41	3.95
	3.350	695.00	712.11	140.54	499.00	540.00	776.75	636.21	500.00	705.90	.99	1.46	3.99
	3.350	931.00	712.84	117.89	499.00	540.00	844.64	726.75	500.00	705.90	.91	1.49	3.88
	3.450	179.00	710.30	478.03	501.00	550.00	658.03	180.00	500.00	706.20	1.01	.75	1.91
	3.450	299.00	710.85	217.97	501.00	550.00	707.06	489.09	500.00	706.20	1.02	1.03	2.70
	3.450	388.00	711.18	208.78	501.00	550.00	749.04	540.26	500.00	706.20	1.02	1.16	3.30
	3.450	506.00	711.59	197.62	501.00	550.00	799.93	602.31	500.00	706.20	1.03	1.26	3.73
	3.450	599.00	711.88	189.89	501.00	550.00	835.22	645.33	500.00	706.20	1.03	1.33	3.89
	3.450	695.00	712.16	182.16	501.00	550.00	870.51	688.35	500.00	706.20	1.03	1.37	3.97
	3.450	931.00	712.88	163.09	501.00	550.00	936.22	773.13	500.00	706.20	1.04	1.39	3.89
	3.550	179.00	710.33	243.48	268.00	314.00	328.61	85.13	500.00	706.50	.75	.95	1.36
	3.550	299.00	710.89	221.29	268.00	314.00	654.28	432.99	500.00	706.50	.75	1.32	2.37
	3.550	388.00	711.24	198.71	268.00	314.00	671.52	472.80	500.00	706.50	.76	1.47	3.25
	3.550	506.00	711.65	171.86	268.00	314.00	692.01	520.15	500.00	706.50	.77	1.58	3.86
	3.550	599.00	711.93	153.14	268.00	314.00	706.31	553.17	500.00	706.50	.78	1.64	4.07
	3.550	695.00	712.21	134.55	268.00	314.00	720.49	585.94	500.00	706.50	.79	1.69	4.16
	3.550	931.00	712.93	99.39	268.00	314.00	748.14	648.75	500.00	706.50	.81	1.68	4.04
	3.610	179.00	710.35	184.77	193.00	242.00	249.49	64.72	320.00	706.70	.95	.97	1.17
	3.610	299.00	710.93	182.20	193.00	242.00	622.71	440.51	320.00	706.70	.97	1.32	2.35
	3.610	388.00	711.28	180.28	193.00	242.00	641.55	461.27	320.00	706.70	.98	1.46	3.21
	3.610	506.00	711.69	178.02	193.00	242.00	663.75	485.73	320.00	706.70	.99	1.57	3.72
	3.610	599.00	711.98	176.47	193.00	242.00	678.93	502.46	320.00	706.70	.99	1.63	3.85
	3.610	695.00	712.26	174.91	193.00	242.00	694.21	519.29	320.00	706.70	.98	1.68	3.89
	3.610	931.00	712.97	163.42	193.00	242.00	724.76	561.34	320.00	706.70	.97	1.70	3.72

	SECNO	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA
*	3.620	179.00	710.34	279.90	279.90	320.10	320.10	40.20	50.00	706.80	.39	1.86	1.00
*	3.620	299.00	710.91	279.90	279.90	320.10	320.10	40.20	50.00	706.80	.41	2.52	1.00
*	3.620	388.00	711.25	279.90	279.90	320.10	320.10	40.20	50.00	706.80	.40	2.94	1.00
*	3.620	506.00	711.63	279.90	279.90	320.10	320.10	40.20	50.00	706.80	.37	3.43	1.00
*	3.620	599.00	711.90	279.90	279.90	320.10	320.10	40.20	50.00	706.80	.35	3.78	1.00
*	3.620	695.00	712.16	279.90	279.90	320.10	320.10	40.20	50.00	706.80	.34	4.12	1.00
*	3.620	931.00	712.82	279.90	279.90	320.10	320.10	40.20	50.00	706.80	.30	4.77	1.00
	3.625	179.00	710.37	279.90	279.90	320.10	320.10	40.20	43.00	706.80	1.01	1.85	1.00
	3.625	299.00	710.95	279.90	279.90	320.10	320.10	40.20	43.00	706.80	1.02	2.49	1.00
	3.625	388.00	711.29	279.90	279.90	320.10	320.10	40.20	43.00	706.80	1.02	2.90	1.00
	3.625	506.00	711.69	279.90	279.90	320.10	320.10	40.20	43.00	706.80	1.03	3.38	1.00
	3.625	599.00	711.96	279.90	279.90	320.10	320.10	40.20	43.00	706.80	1.03	3.72	1.00
	3.625	695.00	712.23	279.90	279.90	320.10	320.10	40.20	43.00	706.80	1.03	4.05	1.00
	3.625	931.00	712.90	279.90	279.90	320.10	320.10	40.20	43.00	706.80	1.03	4.69	1.00
*	3.630	179.00	710.36	198.83	209.00	223.00	234.29	35.45	40.00	706.80	.69	3.18	1.65
	3.630	299.00	710.96	193.56	209.00	223.00	490.20	296.65	40.00	706.80	.73	3.89	4.34
	3.630	388.00	711.34	188.80	209.00	223.00	522.58	333.78	40.00	706.80	.88	3.74	5.32
	3.630	506.00	711.85	182.30	209.00	223.00	566.75	384.45	40.00	706.80	1.15	3.33	5.00
	3.630	599.00	712.20	177.98	209.00	223.00	596.14	418.16	40.00	706.80	1.34	3.14	4.55
*	3.630	695.00	712.53	173.82	209.00	223.00	624.44	450.63	40.00	706.80	1.53	2.99	4.13
*	3.630	931.00	713.33	164.92	209.00	223.00	650.56	485.64	40.00	706.80	2.00	2.62	3.15
	3.690	179.00	710.65	298.51	321.00	335.00	366.74	68.23	230.00	706.80	1.28	2.65	2.07
	3.690	299.00	711.31	291.88	321.00	335.00	566.79	274.91	230.00	706.80	1.29	3.21	3.92
	3.690	388.00	711.63	288.74	321.00	335.00	661.28	372.54	230.00	706.80	1.14	3.45	5.04
	3.690	506.00	712.06	284.42	321.00	335.00	791.52	507.09	230.00	706.80	1.02	3.38	5.94
	3.690	599.00	712.37	281.29	321.00	335.00	885.84	604.55	230.00	706.80	1.00	3.24	6.06
	3.690	695.00	712.68	276.85	321.00	335.00	960.54	683.69	230.00	706.80	1.01	3.04	5.72
	3.690	931.00	713.43	255.36	321.00	335.00	1015.96	760.59	230.00	706.80	1.09	2.45	3.94
*	3.700	179.00	710.76	365.00	365.00	439.00	439.00	74.00	50.00	706.80	2.66	.87	1.00
*	3.700	299.00	711.44	365.00	365.00	439.00	439.00	74.00	50.00	706.80	2.50	1.16	1.00
*	3.700	388.00	711.75	365.00	365.00	439.00	439.00	74.00	50.00	706.80	2.27	1.39	1.00
*	3.700	506.00	712.14	365.00	365.00	439.00	439.00	74.00	50.00	706.80	1.90	1.64	1.00
*	3.700	599.00	712.42	365.00	365.00	439.00	439.00	74.00	50.00	706.80	1.64	1.82	1.00
*	3.700	695.00	712.69	365.00	365.00	439.00	439.00	74.00	50.00	706.80	1.42	1.99	1.00
*	3.700	931.00	713.46	326.34	365.00	439.00	1089.03	762.69	50.00	706.80	2.17	1.07	2.76
	3.705	179.00	710.76	365.00	365.00	439.00	439.00	74.00	92.70	706.80	1.00	.87	1.00
	3.705	299.00	711.44	365.00	365.00	439.00	439.00	74.00	92.70	706.80	1.00	1.16	1.00
	3.705	388.00	711.75	365.00	365.00	439.00	439.00	74.00	92.70	706.80	1.00	1.39	1.00
	3.705	506.00	712.14	365.00	365.00	439.00	439.00	74.00	92.70	706.80	1.00	1.64	1.00
	3.705	599.00	712.42	365.00	365.00	439.00	439.00	74.00	92.70	706.80	1.00	1.82	1.00
	3.705	695.00	712.70	365.00	365.00	439.00	439.00	74.00	92.70	706.80	1.00	1.99	1.00
*	3.705	931.00	713.53	365.00	365.00	439.00	439.00	74.00	92.70	706.80	.48	2.26	1.00

	SECNO	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA
*	3.710	179.00	710.74	338.39	350.00	362.00	375.34	36.95	75.00	706.80	.24	2.81	1.27
*	3.710	299.00	711.40	335.38	350.00	362.00	377.01	41.63	75.00	706.80	.24	3.58	1.24
*	3.710	388.00	711.70	334.05	350.00	362.00	377.75	43.70	75.00	706.80	.24	4.18	1.23
*	3.710	506.00	712.07	332.37	350.00	362.00	378.68	46.31	75.00	706.80	.24	4.80	1.22
*	3.710	599.00	712.34	331.17	350.00	362.00	379.35	48.17	75.00	706.80	.25	5.23	1.21
*	3.710	695.00	712.62	140.79	350.00	362.00	788.36	647.57	75.00	706.80	.25	5.56	1.32
*	3.710	931.00	713.62	76.40	350.00	362.00	966.94	890.54	75.00	706.80	.60	2.67	2.25
	3.810	179.00	711.57	211.32	227.00	245.00	256.37	45.06	530.00	707.30	1.26	2.27	1.26
	3.810	299.00	712.45	201.73	227.00	245.00	260.29	58.56	530.00	707.30	1.35	2.76	1.36
*	3.810	388.00	712.88	184.45	227.00	245.00	489.95	305.49	530.00	707.30	1.53	2.88	2.09
*	3.810	506.00	713.30	161.78	227.00	245.00	540.92	379.14	530.00	707.30	1.85	2.75	2.43
*	3.810	599.00	713.58	146.87	227.00	245.00	574.42	427.55	530.00	707.30	2.09	2.63	2.36
*	3.810	695.00	713.82	133.06	227.00	245.00	605.46	472.40	530.00	707.30	2.31	2.53	2.23
*	3.810	931.00	714.08	119.57	227.00	245.00	635.77	516.20	530.00	707.30	.91	2.84	2.08
*	3.910	179.00	711.97	126.90	135.00	153.00	340.99	172.66	510.00	707.70	1.72	1.37	1.83
*	3.910	299.00	712.83	124.42	135.00	153.00	388.02	263.60	510.00	707.70	2.18	1.31	1.60
*	3.910	388.00	713.24	123.40	135.00	153.00	405.90	282.51	510.00	707.70	2.24	1.32	1.48
*	3.910	506.00	713.62	122.46	135.00	153.00	422.21	299.75	510.00	707.70	2.00	1.40	1.39
*	3.910	599.00	713.87	121.83	135.00	153.00	433.08	311.24	510.00	707.70	1.83	1.47	1.34
*	3.910	695.00	714.09	121.27	135.00	153.00	442.92	321.65	510.00	707.70	1.68	1.53	1.30
*	3.910	931.00	714.40	120.49	135.00	153.00	456.43	335.93	510.00	707.70	1.62	1.79	1.26
*	4.020	179.00	712.33	207.90	318.00	328.00	402.51	194.61	545.00	708.30	.56	2.34	2.00
*	4.020	299.00	713.05	112.32	318.00	328.00	463.15	350.84	545.00	708.30	.67	1.85	1.84
*	4.020	388.00	713.43	98.38	318.00	328.00	504.22	405.84	545.00	708.30	.74	1.68	1.59
*	4.020	506.00	713.80	84.73	318.00	328.00	544.43	459.70	545.00	708.30	.82	1.62	1.43
*	4.020	599.00	714.05	75.54	318.00	328.00	571.49	495.95	545.00	708.30	.87	1.60	1.35
*	4.020	695.00	714.27	67.14	318.00	328.00	596.23	529.09	545.00	708.30	.91	1.60	1.30
*	4.020	931.00	714.62	54.47	318.00	328.00	632.56	578.09	545.00	708.30	.99	1.72	1.24
	4.120	179.00	712.98	318.49	480.00	489.00	524.24	205.75	520.00	708.50	1.03	2.41	2.08
	4.120	299.00	713.47	267.48	480.00	489.00	555.54	288.05	520.00	708.50	.76	2.48	2.07
*	4.120	388.00	713.77	237.18	480.00	489.00	574.12	336.94	520.00	708.50	.69	2.44	1.90
*	4.120	506.00	714.09	203.89	480.00	489.00	594.55	390.67	520.00	708.50	.67	2.41	1.73
*	4.120	599.00	714.31	180.58	480.00	489.00	608.85	428.28	520.00	708.50	.67	2.38	1.63
*	4.120	695.00	714.52	158.81	480.00	489.00	622.21	463.40	520.00	708.50	.67	2.36	1.55
*	4.120	931.00	714.88	129.76	480.00	489.00	639.80	510.05	520.00	708.50	.71	2.41	1.39
*	4.130	179.00	713.05	479.70	479.70	520.30	520.30	40.60	50.00	708.80	1.88	1.26	1.00
*	4.130	299.00	713.51	479.70	479.70	520.30	520.30	40.60	50.00	708.80	1.33	1.85	1.00
*	4.130	388.00	713.79	479.70	479.70	520.30	520.30	40.60	50.00	708.80	1.09	2.25	1.00
*	4.130	506.00	714.10	479.70	479.70	520.30	520.30	40.60	50.00	708.80	.89	2.74	1.00
*	4.130	599.00	714.31	479.70	479.70	520.30	520.30	40.60	50.00	708.80	.78	3.10	1.00
*	4.130	695.00	714.50	479.70	479.70	520.30	520.30	40.60	50.00	708.80	.69	3.45	1.00
*	4.130	931.00	714.81	479.70	479.70	520.30	520.30	40.60	50.00	708.80	.56	4.36	1.00

SECNO	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA
4.135	179.00	713.06	479.70	479.70	520.30	520.30	40.60	44.00	708.80	1.00	1.26	1.00
4.135	299.00	713.54	479.70	479.70	520.30	520.30	40.60	44.00	708.80	1.01	1.84	1.00
4.135	388.00	713.83	479.70	479.70	520.30	520.30	40.60	44.00	708.80	1.01	2.23	1.00
4.135	506.00	714.15	479.70	479.70	520.30	520.30	40.60	44.00	708.80	1.02	2.71	1.00
4.135	599.00	714.37	479.70	479.70	520.30	520.30	40.60	44.00	708.80	1.02	3.06	1.00
4.135	695.00	714.58	479.70	479.70	520.30	520.30	40.60	44.00	708.80	1.03	3.40	1.00
4.135	931.00	714.93	479.70	479.70	520.30	520.30	40.60	44.00	708.80	1.04	4.26	1.00
4.140	179.00	713.07	295.74	507.00	515.00	535.42	239.68	40.00	708.90	.72	2.50	3.89
4.140	299.00	713.56	251.43	507.00	515.00	536.90	285.47	40.00	708.90	.90	2.91	4.59
4.140	388.00	713.88	223.87	507.00	515.00	537.83	313.95	40.00	708.90	1.03	3.07	4.61
4.140	506.00	714.26	189.72	507.00	515.00	538.97	349.25	40.00	708.90	1.21	3.17	4.47
4.140	599.00	714.52	165.78	507.00	515.00	539.77	373.99	40.00	708.90	1.35	3.23	4.34
* 4.140	695.00	714.78	144.68	507.00	515.00	542.52	397.85	40.00	708.90	1.49	3.26	4.13
* 4.140	931.00	715.27	105.57	507.00	515.00	549.41	443.84	40.00	708.90	1.81	3.41	3.71
4.280	179.00	713.59	737.03	751.00	761.00	800.32	63.29	735.00	709.10	.90	2.98	1.94
4.280	299.00	714.21	733.94	751.00	761.00	822.20	88.25	735.00	709.10	.84	3.76	2.15
4.280	388.00	714.56	732.18	751.00	761.00	834.75	102.57	735.00	709.10	.81	4.14	2.19
4.280	506.00	714.91	10.99	751.00	761.00	849.00	838.01	735.00	709.10	.84	4.06	6.31
4.280	599.00	715.14	9.52	751.00	761.00	858.51	848.99	735.00	709.10	.90	3.84	7.15
4.280	695.00	715.35	8.14	751.00	761.00	867.39	859.25	735.00	709.10	.95	3.65	6.95
4.280	931.00	715.78	5.30	751.00	761.00	885.73	880.43	735.00	709.10	1.06	3.37	5.72
4.410	179.00	714.26	830.85	840.00	850.00	867.47	36.63	680.00	709.50	.89	2.38	1.23
4.410	299.00	714.99	173.65	840.00	850.00	878.56	704.91	680.00	709.50	1.11	2.43	5.95
4.410	388.00	715.32	151.34	840.00	850.00	886.66	735.32	680.00	709.50	1.34	2.19	5.95
4.410	506.00	715.58	133.81	840.00	850.00	893.02	759.21	680.00	709.50	1.29	2.21	5.14
4.410	599.00	715.74	123.39	840.00	850.00	896.81	773.42	680.00	709.50	1.18	2.27	4.65
4.410	695.00	715.88	113.27	840.00	850.00	900.48	787.21	680.00	709.50	1.09	2.31	4.23
4.410	931.00	716.23	90.26	840.00	850.00	908.83	818.57	680.00	709.50	.97	2.38	3.46
4.500	179.00	714.75	421.23	760.00	771.00	785.37	338.72	505.00	709.70	1.10	2.14	2.32
4.500	299.00	715.38	319.57	760.00	771.00	786.94	444.48	505.00	709.70	1.11	2.14	4.74
4.500	388.00	715.63	279.12	760.00	771.00	787.57	486.55	505.00	709.70	.94	2.26	4.73
4.500	506.00	715.88	238.48	760.00	771.00	788.20	528.83	505.00	709.70	.88	2.42	4.53
4.500	599.00	716.04	212.55	760.00	771.00	788.60	555.81	505.00	709.70	.86	2.54	4.36
4.500	695.00	716.19	186.72	760.00	771.00	789.00	582.67	505.00	709.70	.85	2.64	4.18
4.500	931.00	716.54	133.59	760.00	771.00	789.82	637.94	505.00	709.70	.80	2.85	3.83
* 4.580	179.00	714.99	431.82	519.00	531.00	680.00	209.96	430.00	709.90	1.62	1.92	1.89
* 4.580	299.00	715.58	313.19	519.00	531.00	680.00	339.02	430.00	709.90	1.57	1.97	2.23
* 4.580	388.00	715.84	261.55	519.00	531.00	680.00	395.21	430.00	709.90	1.59	2.05	2.16
* 4.580	506.00	716.11	209.12	519.00	531.00	680.00	452.26	430.00	709.90	1.63	2.16	2.05
* 4.580	599.00	716.28	174.96	519.00	531.00	680.00	489.41	430.00	709.90	1.66	2.23	1.97
* 4.580	695.00	716.44	143.43	519.00	531.00	680.00	523.72	430.00	709.90	1.67	2.30	1.89
* 4.580	931.00	716.79	100.39	519.00	531.00	680.00	579.61	430.00	709.90	1.77	2.34	1.67

SECCNO	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA
4.640	179.00	715.08	257.07	337.00	351.00	430.00	172.93	305.00	710.10	1.12	1.72	1.62
4.640	299.00	715.67	225.00	337.00	351.00	430.00	205.00	305.00	710.10	1.02	1.94	1.81
4.640	388.00	715.93	225.00	337.00	351.00	430.00	205.00	305.00	710.10	.98	2.12	1.71
4.640	506.00	716.20	225.00	337.00	351.00	430.00	205.00	305.00	710.10	.93	2.35	1.60
4.640	599.00	716.38	225.00	337.00	351.00	430.00	205.00	305.00	710.10	.90	2.52	1.53
4.640	695.00	716.54	225.00	337.00	351.00	430.00	205.00	305.00	710.10	.87	2.68	1.48
4.640	931.00	716.90	225.00	337.00	351.00	430.00	205.00	305.00	710.10	.78	3.02	1.38
4.650	158.00	715.11	379.70	379.70	420.30	420.30	40.60	50.00	710.20	1.31	1.07	1.00
4.650	257.00	715.68	379.70	379.70	420.30	420.30	40.60	50.00	710.20	1.05	1.50	1.00
4.650	329.00	715.94	379.70	379.70	420.30	420.30	40.60	50.00	710.20	.94	1.80	1.00
4.650	426.00	716.21	379.70	379.70	420.30	420.30	40.60	50.00	710.20	.85	2.20	1.00
4.650	502.00	716.38	379.70	379.70	420.30	420.30	40.60	50.00	710.20	.80	2.51	1.00
4.650	581.00	716.53	379.70	379.70	420.30	420.30	40.60	50.00	710.20	.76	2.82	1.00
4.650	772.00	716.87	379.70	379.70	420.30	420.30	40.60	50.00	710.20	.69	3.51	1.00
4.655	158.00	715.12	379.70	379.70	420.30	420.30	40.60	44.00	710.20	1.00	1.06	1.00
4.655	257.00	715.69	379.70	379.70	420.30	420.30	40.60	44.00	710.20	1.00	1.50	1.00
4.655	329.00	715.95	379.70	379.70	420.30	420.30	40.60	44.00	710.20	1.00	1.80	1.00
4.655	426.00	716.22	379.70	379.70	420.30	420.30	40.60	44.00	710.20	1.00	2.20	1.00
4.655	502.00	716.40	379.70	379.70	420.30	420.30	40.60	44.00	710.20	1.01	2.50	1.00
4.655	581.00	716.56	379.70	379.70	420.30	420.30	40.60	44.00	710.20	1.01	2.80	1.00
4.655	772.00	716.90	379.70	379.70	420.30	420.30	40.60	44.00	710.20	1.01	3.49	1.00
4.660	158.00	715.12	253.22	267.00	282.00	399.15	145.93	45.00	710.20	.80	1.46	1.53
4.660	257.00	715.71	252.34	267.00	282.00	490.00	237.66	45.00	710.20	.96	1.67	1.91
4.660	329.00	716.00	251.91	267.00	282.00	490.00	238.09	45.00	710.20	1.10	1.75	1.83
4.660	426.00	716.30	251.45	267.00	282.00	490.00	238.54	45.00	710.20	1.25	1.87	1.69
4.660	502.00	716.50	251.15	267.00	282.00	490.00	238.85	45.00	710.20	1.35	1.96	1.61
4.660	581.00	716.69	47.66	267.00	282.00	490.00	442.34	45.00	710.20	1.46	2.03	1.58
4.660	772.00	717.13	36.75	267.00	282.00	490.00	453.25	45.00	710.20	1.79	2.07	1.58
4.720	158.00	715.17	212.14	282.00	303.00	314.27	102.13	300.00	710.70	1.04	1.40	1.37
4.720	257.00	715.77	145.04	282.00	303.00	316.68	171.65	300.00	710.70	.97	1.75	1.78
4.720	329.00	716.06	112.26	282.00	303.00	317.86	205.60	300.00	710.70	.92	1.93	1.93
4.720	426.00	716.36	78.07	282.00	303.00	319.10	241.03	300.00	710.70	.89	2.14	2.02
4.720	502.00	716.57	56.16	282.00	303.00	319.89	263.73	300.00	710.70	.87	2.28	2.05
4.720	581.00	716.77	48.55	282.00	303.00	780.00	731.45	300.00	710.70	.90	2.30	2.41
4.720	772.00	717.20	40.00	282.00	303.00	780.00	740.00	300.00	710.70	1.00	2.12	2.39
4.730	158.00	715.18	278.34	273.00	327.00	322.79	44.45	50.00	710.90	.67	1.47	1.00
4.730	257.00	715.78	276.75	273.00	327.00	327.00	50.25	50.00	710.90	.64	1.89	1.00
4.730	329.00	716.06	275.99	273.00	327.00	327.00	51.01	50.00	710.90	.62	2.18	1.00
4.730	426.00	716.36	275.20	273.00	327.00	327.00	51.80	50.00	710.90	.60	2.56	1.00
4.730	502.00	716.56	274.70	273.00	327.00	327.00	52.30	50.00	710.90	.58	2.85	1.00
4.730	581.00	716.74	274.22	273.00	327.00	327.00	52.78	50.00	710.90	.53	3.13	1.00
4.730	772.00	717.13	273.19	273.00	327.00	327.00	53.81	50.00	710.90	.42	3.74	1.00

SECNO	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA	
4.735	158.00	715.19	278.32	273.00	327.00	322.85	44.52	15.00	710.90	1.00	1.46	1.00	
4.735	257.00	715.79	276.73	273.00	327.00	327.00	50.27	15.00	710.90	1.00	1.88	1.00	
4.735	329.00	716.08	275.97	273.00	327.00	327.00	51.03	15.00	710.90	1.00	2.17	1.00	
4.735	426.00	716.38	275.16	273.00	327.00	327.00	51.84	15.00	710.90	1.01	2.55	1.00	
4.735	502.00	716.59	274.62	273.00	327.00	327.00	52.38	15.00	710.90	1.01	2.82	1.00	
4.735	581.00	716.78	274.11	273.00	327.00	327.00	52.89	15.00	710.90	1.02	3.09	1.00	
4.735	772.00	717.19	273.03	273.00	327.00	327.00	53.97	15.00	710.90	1.02	3.68	1.00	
*	4.740	158.00	715.22	243.15	252.00	280.00	467.52	224.37	50.00	710.90	2.04	1.04	1.79
*	4.740	257.00	715.85	241.24	252.00	280.00	643.20	401.96	50.00	710.90	2.29	1.21	2.71
*	4.740	329.00	716.16	240.31	252.00	280.00	729.64	489.33	50.00	710.90	2.44	1.29	2.96
*	4.740	426.00	716.51	239.28	252.00	280.00	824.42	585.14	50.00	710.90	2.68	1.36	3.06
*	4.740	502.00	716.74	236.82	252.00	280.00	852.32	615.50	50.00	710.90	2.93	1.37	2.90
*	4.740	581.00	716.97	233.48	252.00	280.00	855.89	622.42	50.00	710.90	3.20	1.37	2.66
*	4.740	772.00	717.46	226.07	252.00	280.00	863.79	637.71	50.00	710.90	3.80	1.36	2.22
*	4.860	158.00	715.31	164.90	198.00	211.00	372.04	158.06	610.00	711.10	.54	1.85	2.16
*	4.860	257.00	715.94	141.35	198.00	211.00	405.45	235.72	610.00	711.10	.58	2.00	2.49
*	4.860	329.00	716.26	129.67	198.00	211.00	422.03	274.23	610.00	711.10	.59	2.09	2.47
*	4.860	426.00	716.60	116.96	198.00	211.00	440.01	323.05	610.00	711.10	.60	2.19	2.39
*	4.860	502.00	716.83	111.71	198.00	211.00	441.06	329.35	610.00	711.10	.60	2.20	2.21
*	4.860	581.00	717.05	106.80	198.00	211.00	442.04	335.25	610.00	711.10	.59	2.23	2.06
*	4.860	772.00	717.54	95.90	198.00	211.00	444.22	348.32	610.00	711.10	.58	2.26	1.80
4.980	158.00	715.52	172.23	183.00	195.00	292.38	120.15	625.00	711.30	.86	2.18	2.13	
4.980	257.00	716.16	170.33	183.00	195.00	355.70	185.37	625.00	711.30	.82	2.45	2.64	
4.980	329.00	716.48	169.37	183.00	195.00	387.54	218.16	625.00	711.30	.81	2.59	2.71	
4.980	426.00	716.82	157.04	183.00	195.00	408.01	250.96	625.00	711.30	.82	2.68	2.52	
4.980	502.00	717.05	144.71	183.00	195.00	416.27	271.56	625.00	711.30	.81	2.73	2.35	
4.980	581.00	717.26	133.08	183.00	195.00	424.05	290.97	625.00	711.30	.81	2.77	2.22	
4.980	772.00	717.73	107.41	183.00	195.00	441.25	333.84	625.00	711.30	.80	2.83	1.99	
*	5.090	158.00	715.72	194.76	206.00	220.00	484.85	195.25	600.00	711.50	1.63	1.41	2.34
*	5.090	257.00	716.36	193.49	206.00	220.00	492.19	264.51	600.00	711.50	1.66	1.55	2.41
*	5.090	329.00	716.68	122.66	206.00	220.00	495.94	373.28	600.00	711.50	1.67	1.64	2.34
*	5.090	426.00	717.02	112.49	206.00	220.00	500.00	387.51	600.00	711.50	1.66	1.70	2.18
*	5.090	502.00	717.24	105.81	206.00	220.00	502.68	396.87	600.00	711.50	1.64	1.75	2.06
*	5.090	581.00	717.45	99.50	206.00	220.00	505.20	405.71	600.00	711.50	1.63	1.79	1.96
*	5.090	772.00	717.91	85.65	206.00	220.00	510.74	425.09	600.00	711.50	1.58	1.87	1.77
*	5.200	158.00	715.54	393.18	403.00	408.00	416.70	23.53	570.00	711.80	.10	8.55	2.72
*	5.200	257.00	717.02	139.74	403.00	408.00	523.91	384.17	570.00	711.80	.17	6.29	16.17
*	5.200	329.00	717.18	134.98	403.00	408.00	531.24	396.26	570.00	711.80	.17	6.79	16.74
*	5.200	426.00	717.31	131.12	403.00	408.00	537.21	406.10	570.00	711.80	.15	7.67	16.23
*	5.200	502.00	717.45	126.96	403.00	408.00	543.62	416.66	570.00	711.80	.15	7.86	15.22
*	5.200	581.00	717.53	124.39	403.00	408.00	547.58	423.18	570.00	711.80	.14	8.38	14.50
*	5.200	772.00	718.07	108.59	403.00	408.00	571.95	463.36	570.00	711.80	.18	7.11	10.36

	SECNO	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA
*	5.320	158.00	717.09	440.00	948.00	957.00	1015.23	575.23	610.00	712.10	11.49	1.29	14.06
*	5.320	257.00	717.72	440.00	948.00	957.00	1030.38	590.38	610.00	712.10	6.40	1.44	11.33
*	5.320	329.00	717.94	440.00	948.00	957.00	1035.00	595.00	610.00	712.10	6.08	1.64	10.44
*	5.320	426.00	718.20	440.00	948.00	957.00	1035.00	595.00	610.00	712.10	6.12	1.87	9.48
*	5.320	502.00	718.36	440.00	948.00	957.00	1035.00	595.00	610.00	712.10	5.72	2.05	8.97
*	5.320	581.00	718.53	440.00	948.00	957.00	1035.00	595.00	610.00	712.10	5.69	2.21	8.50
*	5.320	772.00	718.86	440.00	948.00	957.00	1035.00	595.00	610.00	712.10	4.03	2.57	7.67
*	5.420	158.00	717.18	127.05	400.00	412.00	489.46	351.72	550.00	712.30	.70	1.79	10.75
*	5.420	257.00	717.81	112.91	400.00	412.00	516.16	395.06	550.00	712.30	.67	2.10	12.47
*	5.420	329.00	718.05	107.54	400.00	412.00	526.31	411.54	550.00	712.30	.67	2.39	12.44
*	5.420	426.00	718.34	100.89	400.00	412.00	538.87	431.92	550.00	712.30	.68	2.70	12.17
*	5.420	502.00	718.52	96.85	400.00	412.00	546.50	444.32	550.00	712.30	.68	2.94	11.93
*	5.420	581.00	718.70	93.21	400.00	412.00	553.17	459.96	550.00	712.30	.69	3.14	11.61
*	5.420	772.00	719.08	86.70	400.00	412.00	564.70	477.99	550.00	712.30	.71	3.58	10.86
*	5.540	158.00	717.31	145.73	287.00	302.00	485.61	339.88	620.00	712.60	1.45	1.19	9.39
*	5.540	257.00	717.96	127.53	287.00	302.00	542.86	415.32	620.00	712.60	1.41	1.44	9.30
*	5.540	329.00	718.24	119.96	287.00	302.00	566.66	446.70	620.00	712.60	1.41	1.65	9.21
*	5.540	426.00	718.56	111.01	287.00	302.00	594.83	483.82	620.00	712.60	1.40	1.88	9.09
*	5.540	502.00	718.77	105.68	287.00	302.00	600.51	494.83	620.00	712.60	1.41	2.04	8.89
*	5.540	581.00	718.98	100.46	287.00	302.00	603.53	503.08	620.00	712.60	1.41	2.19	8.65
*	5.540	772.00	719.41	89.70	287.00	302.00	609.78	520.08	620.00	712.60	1.41	2.50	8.15
*	5.640	158.00	717.36	131.91	438.00	452.00	685.85	553.94	540.00	712.80	1.52	.77	8.25
*	5.640	257.00	718.03	109.95	438.00	452.00	708.48	598.53	540.00	712.80	1.54	.92	7.19
*	5.640	329.00	718.31	100.41	438.00	452.00	718.31	617.90	540.00	712.80	1.55	1.05	6.82
*	5.640	426.00	718.66	90.32	438.00	452.00	731.73	641.40	540.00	712.80	1.56	1.20	6.43
*	5.640	502.00	718.88	87.67	438.00	452.00	746.33	658.67	540.00	712.80	1.56	1.31	6.18
*	5.640	581.00	719.10	85.04	438.00	452.00	760.79	675.75	540.00	712.80	1.56	1.41	5.97
*	5.640	772.00	719.55	79.59	438.00	452.00	790.75	711.15	540.00	712.80	1.55	1.62	5.60
*	5.740	158.00	717.40	112.19	405.00	418.00	500.64	388.45	550.00	712.90	.50	1.56	11.55
*	5.740	257.00	718.08	78.07	405.00	418.00	537.12	459.05	550.00	712.90	.53	1.76	11.79
*	5.740	329.00	718.37	63.13	405.00	418.00	553.10	489.97	550.00	712.90	.54	1.95	11.47
*	5.740	426.00	718.73	48.99	405.00	418.00	573.50	524.51	550.00	712.90	.57	2.14	10.88
*	5.740	502.00	718.96	43.79	405.00	418.00	588.16	544.37	550.00	712.90	.58	2.27	10.38
*	5.740	581.00	719.18	38.68	405.00	418.00	590.00	551.32	550.00	712.90	.59	2.39	9.91
*	5.740	772.00	719.65	38.00	405.00	418.00	590.00	552.00	550.00	712.90	.62	2.65	8.97
*	5.830	158.00	717.46	145.19	595.00	621.00	780.00	634.81	500.00	713.10	2.76	.60	9.84
*	5.830	257.00	718.13	82.55	595.00	621.00	780.00	697.45	500.00	713.10	2.55	.73	8.93
*	5.830	329.00	718.44	54.01	595.00	621.00	780.00	725.99	500.00	713.10	2.48	.83	8.61
*	5.830	426.00	718.80	36.32	595.00	621.00	780.00	743.68	500.00	713.10	2.39	.95	8.21
*	5.830	502.00	719.04	32.18	595.00	621.00	780.00	747.82	500.00	713.10	2.33	1.04	7.95
*	5.830	581.00	719.27	28.12	595.00	621.00	780.00	751.88	500.00	713.10	2.28	1.12	7.71
*	5.830	772.00	719.75	28.00	595.00	621.00	780.00	752.00	500.00	713.10	2.18	1.30	7.25

	SECCO	Q	CWSEL	SSTA	STCML	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA
*	5.840	158.00	717.45	682.50	682.50	717.50	717.50	35.00	50.00	713.20	.33	1.41	1.00
*	5.840	257.00	718.11	682.50	682.50	717.50	717.50	35.00	50.00	713.20	.30	1.90	1.00
*	5.840	329.00	718.41	682.50	682.50	717.50	717.50	35.00	50.00	713.20	.29	2.26	1.00
*	5.840	426.00	718.75	682.50	682.50	717.50	717.50	35.00	50.00	713.20	.28	2.71	1.00
*	5.840	502.00	718.98	682.50	682.50	717.50	717.50	35.00	50.00	713.20	.28	3.04	1.00
*	5.840	581.00	719.19	682.50	682.50	717.50	717.50	35.00	50.00	713.20	.27	3.36	1.00
*	5.840	772.00	719.63	682.50	682.50	717.50	717.50	35.00	50.00	713.20	.26	4.10	1.00
	5.845	158.00	717.45	682.50	682.50	717.50	717.50	35.00	23.50	713.20	1.00	1.42	1.00
	5.845	257.00	718.12	682.50	682.50	717.50	717.50	35.00	23.50	713.20	1.00	1.90	1.00
	5.845	329.00	718.42	682.50	682.50	717.50	717.50	35.00	23.50	713.20	1.00	2.26	1.00
	5.845	426.00	718.77	682.50	682.50	717.50	717.50	35.00	23.50	713.20	1.00	2.70	1.00
	5.845	502.00	718.99	682.50	682.50	717.50	717.50	35.00	23.50	713.20	1.00	3.03	1.00
	5.845	581.00	719.21	682.50	682.50	717.50	717.50	35.00	23.50	713.20	1.01	3.35	1.00
	5.845	772.00	719.66	682.50	682.50	717.50	717.50	35.00	23.50	713.20	1.01	4.08	1.00
*	5.880	158.00	717.47	487.00	487.00	513.00	513.00	26.00	50.00	712.20	1.81	1.15	1.00
*	5.880	257.00	718.15	487.00	487.00	513.00	513.00	26.00	50.00	712.20	1.61	1.66	1.00
*	5.880	329.00	718.45	487.00	487.00	513.00	513.00	26.00	50.00	712.20	1.55	2.02	1.00
*	5.880	426.00	718.92	130.26	487.00	513.00	1239.57	1109.31	50.00	712.20	6.89	.54	6.53
*	5.880	502.00	719.18	126.31	487.00	513.00	1284.22	1157.91	50.00	712.20	7.01	.59	6.33
*	5.880	581.00	719.44	122.40	487.00	513.00	1328.43	1206.03	50.00	712.20	7.11	.64	6.16
*	5.880	772.00	720.00	113.99	487.00	513.00	1423.39	1309.39	50.00	712.20	7.41	.74	5.87
	5.885	158.00	717.47	487.00	487.00	513.00	513.00	26.00	180.50	712.20	1.00	1.15	1.00
	5.885	257.00	718.15	487.00	487.00	513.00	513.00	26.00	180.50	712.20	1.00	1.66	1.00
	5.885	329.00	718.46	487.00	487.00	513.00	513.00	26.00	180.50	712.20	1.00	2.02	1.00
*	5.885	426.00	718.97	487.00	487.00	513.00	513.00	26.00	180.50	712.20	.22	2.42	1.00
*	5.885	502.00	719.26	487.00	487.00	513.00	513.00	26.00	180.50	712.20	.22	2.73	1.00
*	5.885	581.00	719.57	487.00	487.00	513.00	513.00	26.00	180.50	712.20	.21	3.03	1.00
*	5.885	772.00	720.27	487.00	487.00	513.00	513.00	26.00	180.50	712.20	.21	3.68	1.00
*	5.890	158.00	717.50	365.00	425.00	496.00	665.00	300.00	60.00	712.10	3.56	.32	3.90
*	5.890	257.00	718.21	365.00	425.00	496.00	665.00	300.00	60.00	712.10	3.68	.45	3.97
*	5.890	329.00	718.54	365.00	425.00	496.00	665.00	300.00	60.00	712.10	3.74	.54	3.99
*	5.890	426.00	719.08	365.00	425.00	496.00	665.00	300.00	60.00	712.10	3.83	.63	4.02
*	5.890	502.00	719.41	365.00	425.00	496.00	665.00	300.00	60.00	712.10	3.88	.70	4.03
*	5.890	581.00	719.75	365.00	425.00	496.00	665.00	300.00	60.00	712.10	3.94	.77	4.04
*	5.890	772.00	720.53	365.00	425.00	496.00	665.00	300.00	60.00	712.10	4.05	.92	4.06
*	5.990	158.00	717.50	101.47	378.00	535.00	1140.00	1038.53	580.00	712.20	2.69	.12	5.24
*	5.990	257.00	718.21	90.85	378.00	535.00	1140.00	1049.15	580.00	712.20	2.72	.17	5.21
*	5.990	329.00	718.55	85.81	378.00	535.00	1140.00	1054.18	580.00	712.20	2.74	.20	5.19
*	5.990	426.00	719.09	77.60	378.00	535.00	1140.00	1062.39	580.00	712.20	2.76	.23	5.15
*	5.990	502.00	719.42	72.68	378.00	535.00	1140.00	1067.32	580.00	712.20	2.77	.26	5.13
*	5.990	581.00	719.76	67.61	378.00	535.00	1140.00	1072.39	580.00	712.20	2.79	.28	5.11
*	5.990	772.00	720.55	64.00	378.00	535.00	1140.00	1076.00	580.00	712.20	2.81	.33	5.06

SECNO	Q	CWSEL	SSTA	STCHL	STCHR	ENDST	TOPWID	XLCH	ELMIN	KRATIO	VCH	ALPHA
6.110	158.00	717.50	164.44	533.00	625.00	1275.00	1110.56	635.00	712.30	.82	.14	6.23
6.110	257.00	718.21	138.91	533.00	625.00	1275.00	1136.09	635.00	712.30	.84	.20	5.98
6.110	329.00	718.55	126.78	533.00	625.00	1275.00	1148.22	635.00	712.30	.84	.23	5.89
6.110	426.00	719.09	120.00	533.00	625.00	1275.00	1155.00	635.00	712.30	.85	.27	5.76
6.110	502.00	719.42	120.00	533.00	625.00	1275.00	1155.00	635.00	712.30	.85	.30	5.68
6.110	581.00	719.76	120.00	533.00	625.00	1275.00	1155.00	635.00	712.30	.85	.33	5.61
6.110	772.00	720.55	120.00	533.00	625.00	1275.00	1155.00	635.00	712.30	.86	.38	5.46

LITTLE MEMOMONEE

SUMMARY PRINTOUT TABLE 100

SECDNO	EGLWC	ELLC	EGPRS	ELTRD	QPR	QWEIR	CLASS	H3	DEPTH	CWSEL	VCH	EG
1.115	701.36	707.40	.00	706.80	462.00	.00	1.00	.00	4.33	701.33	1.28	701.36
1.115	701.80	707.40	.00	706.80	654.00	.00	1.00	.00	4.76	701.76	1.61	701.80
1.115	702.10	707.40	.00	706.80	802.00	.00	1.00	.00	5.05	702.05	1.83	702.10
1.115	702.52	707.40	.00	706.80	1041.00	.00	1.00	.00	5.45	702.45	2.15	702.52
1.115	702.89	707.40	.00	706.80	1243.00	.00	1.00	.00	5.80	702.80	2.37	702.89
1.115	703.28	707.40	.00	706.80	1465.00	.00	1.00	.00	6.18	703.18	2.57	703.28
1.115	704.56	707.40	.00	706.80	2081.00	.00	1.00	.00	7.43	704.43	2.88	704.56
1.455	702.91	721.60	.00	729.10	462.00	.00	59.00	.00	5.44	702.84	2.76	702.96
1.455	703.41	721.60	.00	729.10	654.00	.00	59.00	.00	5.88	703.28	3.60	703.48
1.455	703.73	721.60	.00	729.10	802.00	.00	59.00	.00	6.15	703.55	4.21	703.83
1.455	704.21	721.60	.00	729.10	1041.00	.00	59.00	.00	6.53	703.93	5.14	704.34
1.455	704.59	721.60	.00	729.10	1243.00	.00	59.00	.00	6.82	704.22	5.87	704.76
1.455	705.00	721.60	.00	729.10	1465.00	.00	59.00	.00	7.12	704.52	6.61	705.20
1.455	706.18	721.60	.00	729.10	2081.00	.00	59.00	.00	8.00	705.40	8.32	706.48
1.575	703.44	708.00	.00	709.30	462.00	.00	1.00	.00	5.83	703.43	.86	703.44
1.575	704.01	708.00	.00	709.30	654.00	.00	1.00	.00	6.39	703.99	1.09	704.01
1.575	704.37	708.00	.00	709.30	802.00	.00	1.00	.00	6.75	704.35	1.26	704.37
1.575	704.91	708.00	.00	709.30	1041.00	.00	1.00	.00	7.27	704.87	1.49	704.91
1.575	705.31	708.00	.00	709.30	1243.00	.00	1.00	.00	7.67	705.27	1.67	705.31
1.575	705.74	708.00	.00	709.30	1465.00	.00	1.00	.00	8.09	705.69	1.85	705.74
1.575	707.02	708.00	.00	709.30	2081.00	.00	1.00	.00	9.35	706.95	2.21	707.02
2.415	709.30	708.40	709.46	709.60	462.00	.00	10.00	.00	6.17	709.37	2.40	709.46
2.415	709.80	708.40	710.27	709.60	584.65	63.58	30.00	.00	6.93	710.13	1.83	710.17
2.415	710.12	708.40	710.84	709.60	583.45	211.73	30.00	.00	7.24	710.44	1.99	710.48
2.415	710.53	708.40	711.78	709.60	543.06	497.99	30.00	.00	7.58	710.78	2.26	710.83
2.415	710.82	708.40	712.62	709.60	496.02	747.30	30.00	.00	7.80	711.00	2.49	711.05
2.415	711.09	708.40	713.62	709.60	440.90	1021.19	30.00	.00	8.00	711.20	2.72	711.26
2.415	711.73	708.40	716.89	709.60	326.00	1766.09	30.00	.00	8.50	711.70	3.23	711.78
2.585	709.62	725.10	.00	726.40	462.00	.00	1.00	.00	5.91	709.61	1.01	709.62
2.585	710.31	725.10	.00	726.40	654.00	.00	1.00	.00	6.59	710.29	1.25	710.31
2.585	710.68	725.10	.00	726.40	802.00	.00	1.00	.00	6.95	710.65	1.41	710.68
2.585	711.09	725.10	.00	726.40	1041.00	.00	1.00	.00	7.35	711.05	1.65	711.09
2.585	711.36	725.10	.00	726.40	1243.00	.00	1.00	.00	7.60	711.30	1.85	711.36
2.585	711.61	725.10	.00	726.40	1465.00	.00	1.00	.00	7.85	711.55	2.05	711.61
2.585	712.26	725.10	.00	726.40	2081.00	.00	1.00	.00	8.45	712.15	2.56	712.26
2.625	709.68	709.10	709.67	710.20	462.00	.00	1.00	.00	5.96	709.66	.90	709.68
2.625	710.38	709.10	710.39	712.40	654.00	.00	10.00	.00	6.67	710.37	1.10	710.39
2.625	710.78	709.10	710.79	712.40	802.00	.00	10.00	.00	7.07	710.77	1.23	710.79
2.625	711.21	709.10	711.24	712.40	1041.00	.00	10.00	.00	7.52	711.22	1.33	711.24
2.625	711.48	709.10	711.54	712.40	1243.00	.00	10.00	.00	7.82	711.52	1.37	711.54
2.625	711.75	709.10	711.84	712.40	1465.00	.00	10.00	.00	8.12	711.82	1.39	711.84
2.625	712.41	709.10	712.62	710.20	2078.53	10.27	30.00	.00	8.90	712.60	1.36	712.62

SECNO	EGLWC	ELLC	EGPRS	ELTRD	QPR	QWEIR	CLASS	H3	DEPTH	CWSEL	VCH	EG
3.625	710.40	713.60	.00	715.00	179.00	.00	59.00	.00	3.57	710.37	1.85	710.42
3.625	711.01	713.60	.00	715.00	299.00	.00	59.00	.00	4.15	710.95	2.49	711.05
3.625	711.38	713.60	.00	715.00	388.00	.00	59.00	.00	4.49	711.29	2.90	711.42
3.625	711.82	713.60	.00	715.00	506.00	.00	59.00	.00	4.89	711.69	3.38	711.87
3.625	712.12	713.60	.00	715.00	599.00	.00	59.00	.00	5.16	711.96	3.72	712.18
3.625	712.42	713.60	.00	715.00	695.00	.00	59.00	.00	5.43	712.23	4.05	712.49
3.625	713.17	713.60	.00	715.00	931.00	.00	59.00	.00	6.10	712.90	4.69	713.24
3.705	710.77	713.40	.00	714.30	179.00	.00	1.00	.00	3.96	710.76	.87	710.77
3.705	711.46	713.40	.00	714.30	299.00	.00	1.00	.00	4.64	711.44	1.16	711.46
3.705	711.78	713.40	.00	714.30	388.00	.00	1.00	.00	4.95	711.75	1.39	711.78
3.705	712.18	713.40	.00	714.30	506.00	.00	1.00	.00	5.34	712.14	1.64	712.18
3.705	712.47	713.40	.00	714.30	599.00	.00	1.00	.00	5.62	712.42	1.82	712.47
3.705	712.76	713.40	.00	714.30	695.00	.00	1.00	.00	5.90	712.70	1.99	712.76
3.705	713.54	713.40	713.61	714.30	931.00	.00	10.00	.00	6.73	713.53	2.26	713.61
4.135	713.07	716.00	.00	715.80	179.00	.00	59.00	.00	4.26	713.06	1.26	713.09
4.135	713.56	716.00	.00	715.80	299.00	.00	59.00	.00	4.74	713.54	1.84	713.59
4.135	713.87	716.00	.00	715.80	388.00	.00	59.00	.00	5.03	713.83	2.23	713.91
4.135	714.21	716.00	.00	715.80	506.00	.00	59.00	.00	5.35	714.15	2.71	714.26
4.135	714.46	716.00	.00	715.80	599.00	.00	59.00	.00	5.57	714.37	3.06	714.52
4.135	714.69	716.00	.00	715.80	695.00	.00	59.00	.00	5.78	714.58	3.40	714.76
4.135	715.10	716.00	.00	715.80	931.00	.00	59.00	.00	6.13	714.93	4.26	715.21
4.655	715.13	717.90	.00	718.40	158.00	.00	59.00	.00	4.92	715.12	1.06	715.14
4.655	715.72	717.90	.00	718.40	257.00	.00	59.00	.00	5.49	715.69	1.50	715.73
4.655	715.99	717.90	.00	718.40	329.00	.00	59.00	.00	5.75	715.95	1.80	716.00
4.655	716.28	717.90	.00	718.40	426.00	.00	59.00	.00	6.02	716.22	2.20	716.30
4.655	716.48	717.90	.00	718.40	502.00	.00	59.00	.00	6.20	716.40	2.50	716.49
4.655	716.66	717.90	.00	718.40	581.00	.00	59.00	.00	6.36	716.56	2.80	716.68
4.655	717.06	717.90	.00	718.40	772.00	.00	59.00	.00	6.70	716.90	3.49	717.09
4.735	715.22	720.90	.00	723.00	158.00	.00	1.00	.01	4.29	715.19	1.46	715.22
4.735	715.84	720.90	.00	723.00	257.00	.00	1.00	.01	4.89	715.79	1.88	715.84
4.735	716.15	720.90	.00	723.00	329.00	.00	1.00	.02	5.18	716.08	2.17	716.15
4.735	716.48	720.90	.00	723.00	426.00	.00	1.00	.02	5.48	716.38	2.55	716.48
4.735	716.71	720.90	.00	723.00	502.00	.00	1.00	.03	5.69	716.59	2.82	716.71
4.735	716.93	720.90	.00	723.00	581.00	.00	1.00	.04	5.88	716.78	3.09	716.93
4.735	717.40	720.90	.00	723.00	772.00	.00	1.00	.06	6.29	717.19	3.68	717.40
5.845	717.48	725.50	.00	728.30	158.00	.00	59.00	.00	4.25	717.45	1.42	717.48
5.845	718.17	725.50	.00	728.30	257.00	.00	59.00	.00	4.92	718.12	1.90	718.18
5.845	718.49	725.50	.00	728.30	329.00	.00	59.00	.00	5.22	718.42	2.26	718.50
5.845	718.87	725.50	.00	728.30	426.00	.00	59.00	.00	5.57	718.77	2.70	718.88
5.845	719.12	725.50	.00	728.30	502.00	.00	59.00	.00	5.79	718.99	3.03	719.14
5.845	719.37	725.50	.00	728.30	581.00	.00	59.00	.00	6.01	719.21	3.35	719.39
5.845	719.90	725.50	.00	728.30	772.00	.00	59.00	.00	6.46	719.66	4.08	719.92

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SECNO	EGLWC	ELLC	EGPRS	ELTRD	QPR	QWEIR	CLASS	H3	DEPTH	CWSEL	VCH	EG
5.885	717.49	718.80	.00	723.10	158.00	.00	1.00	.00	5.27	717.47	1.15	717.49
5.885	718.19	718.80	.00	723.10	257.00	.00	1.00	.00	5.95	718.15	1.66	718.19
5.885	718.52	718.80	.00	723.10	329.00	.00	1.00	.00	6.26	718.46	2.02	718.52
*	5.885	719.01	718.80	719.06	723.10	426.00	.00	10.00	6.77	718.97	2.42	719.06
*	5.885	719.30	718.80	719.38	723.10	502.00	.00	10.00	7.06	719.26	2.73	719.38
*	5.885	719.59	718.80	719.71	723.10	581.00	.00	10.00	7.37	719.57	3.03	719.71
*	5.885	720.23	718.80	720.48	723.10	772.00	.00	10.00	8.07	720.27	3.68	720.48

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LITTLE MENOMONEE

SUMMARY PRINTOUT TABLE 101

SECNO	EGOC	ELLC	EGIC	ELTRD	QCULV	QWEIR	CLASS	H4	DEPTH	CWSEL	VCH	EG
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LITTLE MENOMONEE

SUMMARY PRINTOUT TABLE 150

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
*	.100	.00	.00	.00	693.50	462.00	697.36	697.36	698.20	167.10	7.94	84.41	35.74
	.100	.00	.00	.00	693.50	654.00	698.30	.00	698.78	91.79	6.82	186.37	68.26
	.100	.00	.00	.00	693.50	802.00	699.85	.00	699.93	15.77	3.42	503.59	201.96
	.100	.00	.00	.00	693.50	1041.00	700.45	.00	700.52	13.78	3.40	639.42	280.42
	.100	.00	.00	.00	693.50	1243.00	701.25	.00	701.30	9.38	3.02	830.16	405.93
	.100	.00	.00	.00	693.50	1465.00	701.90	.00	701.95	7.75	2.90	1002.37	526.27
	.100	.00	.00	.00	693.50	2081.00	703.80	.00	703.83	4.43	2.51	1595.98	988.25
*	.200	500.00	.00	.00	693.90	462.00	698.95	.00	698.96	13.29	1.35	977.26	254.52
*	.200	500.00	.00	.00	693.90	654.00	699.35	.00	699.36	3.00	1.36	1293.05	377.34
*	.200	500.00	.00	.00	693.90	802.00	700.12	.00	700.12	1.42	1.02	1916.02	672.87
*	.200	500.00	.00	.00	693.90	1041.00	700.68	.00	700.69	1.20	1.00	2411.28	949.90
*	.200	500.00	.00	.00	693.90	1243.00	701.41	.00	701.42	.81	.88	3080.72	1377.43
*	.200	500.00	.00	.00	693.90	1465.00	702.04	.00	702.04	.66	.84	3680.22	1800.44
*	.200	500.00	.00	.00	693.90	2081.00	703.89	.00	703.89	.38	.73	5573.56	3376.35
*	.300	500.00	.00	.00	694.20	462.00	699.06	.00	699.07	11.58	.94	1215.03	367.58
	.300	500.00	.00	.00	694.20	654.00	699.46	.00	699.47	1.68	1.02	1518.02	504.53
	.300	500.00	.00	.00	694.20	802.00	700.18	.00	700.18	1.00	.86	2101.01	802.55
	.300	500.00	.00	.00	694.20	1041.00	700.73	.00	700.74	.91	.87	2600.98	1089.61
	.300	500.00	.00	.00	694.20	1243.00	701.45	.00	701.45	.66	.79	3285.61	1530.61
	.300	500.00	.00	.00	694.20	1465.00	702.07	.00	702.07	.55	.76	3917.20	1973.64
	.300	500.00	.00	.00	694.20	2081.00	703.91	.00	703.91	.32	.67	6030.62	3659.89
	.400	500.00	.00	.00	694.50	462.00	699.16	.00	699.17	2.91	1.24	956.58	270.90
	.400	500.00	.00	.00	694.50	654.00	699.56	.00	699.57	2.87	1.31	1223.77	386.10
	.400	500.00	.00	.00	694.50	802.00	700.23	.00	700.24	1.70	1.09	1693.38	615.02
	.400	500.00	.00	.00	694.50	1041.00	700.79	.00	700.79	1.50	1.09	2119.93	849.49
	.400	500.00	.00	.00	694.50	1243.00	701.49	.00	701.49	1.06	.98	2693.89	1208.71
	.400	500.00	.00	.00	694.50	1465.00	702.10	.00	702.10	.87	.94	3223.28	1574.15
	.400	500.00	.00	.00	694.50	2081.00	703.92	.00	703.93	.49	.82	4949.77	2960.16
*	.500	500.00	.00	.00	694.90	462.00	699.37	.00	699.39	7.20	1.94	658.82	172.13
*	.500	500.00	.00	.00	694.90	654.00	699.77	.00	699.79	6.92	2.01	897.26	248.55
*	.500	500.00	.00	.00	694.90	802.00	700.36	.00	700.37	4.22	1.69	1275.18	390.56
*	.500	500.00	.00	.00	694.90	1041.00	700.89	.00	700.90	3.53	1.65	1648.76	553.99
*	.500	500.00	.00	.00	694.90	1243.00	701.56	.00	701.57	2.40	1.46	2148.24	802.25
*	.500	500.00	.00	.00	694.90	1465.00	702.16	.00	702.17	1.89	1.37	2628.38	1064.81
*	.500	500.00	.00	.00	694.90	2081.00	703.96	.00	703.96	.99	1.15	4211.59	2095.08
	.600	500.00	.00	.00	695.20	462.00	699.83	.00	699.88	12.50	2.64	487.40	130.70
	.600	500.00	.00	.00	695.20	654.00	700.22	.00	700.28	12.64	2.80	674.03	183.92
*	.600	500.00	.00	.00	695.20	802.00	700.66	.00	700.70	9.56	2.58	913.33	259.40
*	.600	500.00	.00	.00	695.20	1041.00	701.14	.00	701.18	7.77	2.46	1218.04	373.34
*	.600	500.00	.00	.00	695.20	1243.00	701.73	.00	701.75	5.25	2.15	1610.30	542.56
*	.600	500.00	.00	.00	695.20	1465.00	702.29	.00	702.31	3.97	1.98	2008.56	735.45
*	.600	500.00	.00	.00	695.20	2081.00	704.02	.00	704.03	1.82	1.55	3385.12	1542.05

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
.700	500.00	.00	.00	695.50	462.00	700.32	.00	700.36	8.21	2.20	492.17	161.25
.700	500.00	.00	.00	695.50	654.00	700.71	.00	700.75	8.28	2.33	678.80	227.29
.700	500.00	.00	.00	695.50	802.00	701.04	.00	701.07	6.96	2.23	859.56	303.93
.700	500.00	.00	.00	695.50	1041.00	701.46	.00	701.48	6.09	2.19	1105.54	421.99
.700	500.00	.00	.00	695.50	1243.00	701.95	.00	701.97	4.48	1.98	1412.57	587.50
.700	500.00	.00	.00	695.50	1465.00	702.45	.00	702.47	3.44	1.82	1752.39	790.03
.700	500.00	.00	.00	695.50	2081.00	704.09	.00	704.10	1.51	1.39	2998.31	1691.57
.800	500.00	.00	.00	695.70	462.00	700.77	.00	700.82	10.19	2.54	393.39	144.70
.800	500.00	.00	.00	695.70	654.00	701.15	.00	701.19	9.41	2.56	597.69	213.23
.800	500.00	.00	.00	695.70	802.00	701.42	.00	701.45	8.31	2.49	752.76	278.22
.800	500.00	.00	.00	695.70	1041.00	701.79	.00	701.81	7.06	2.39	986.75	391.74
.800	500.00	.00	.00	695.70	1243.00	702.19	.00	702.21	5.34	2.17	1251.33	537.65
.800	500.00	.00	.00	695.70	1465.00	702.64	.00	702.66	3.97	1.96	1571.81	734.92
.800	500.00	.00	.00	695.70	2081.00	704.17	.00	704.18	1.47	1.36	2887.54	1714.60
* .880	420.00	.00	.00	695.90	462.00	700.98	.00	700.99	2.08	1.15	719.98	320.02
* .880	420.00	.00	.00	695.90	654.00	701.35	.00	701.36	2.24	1.25	897.08	437.20
* .880	420.00	.00	.00	695.90	802.00	701.60	.00	701.61	2.30	1.31	1023.78	528.58
* .880	420.00	.00	.00	695.90	1041.00	701.96	.00	701.97	2.40	1.39	1208.44	671.63
* .880	420.00	.00	.00	695.90	1243.00	702.33	.00	702.35	2.18	1.38	1412.80	841.95
* .880	420.00	.00	.00	695.90	1465.00	702.75	.00	702.77	1.91	1.35	1694.62	1059.81
* .880	420.00	.00	.00	695.90	2081.00	704.22	.00	704.23	.93	1.07	3078.65	2152.46
* 1.110	1215.00	.00	.00	697.00	462.00	701.33	.00	701.36	4.51	1.28	360.19	217.64
* 1.110	1215.00	.00	.00	697.00	654.00	701.76	.00	701.80	6.25	1.61	406.89	261.63
* 1.110	1215.00	.00	.00	697.00	802.00	702.05	.00	702.10	7.50	1.83	438.60	292.83
* 1.110	1215.00	.00	.00	697.00	1041.00	702.44	.00	702.52	9.43	2.15	483.73	338.97
* 1.110	1215.00	.00	.00	697.00	1243.00	702.80	.00	702.89	10.61	2.37	523.85	381.61
* 1.110	1215.00	.00	.00	697.00	1465.00	703.18	.00	703.28	11.51	2.57	569.52	431.85
* 1.110	1215.00	.00	.00	697.00	2081.00	704.43	.00	704.56	11.05	2.88	722.47	626.14
1.115	91.20	706.80	707.40	697.00	462.00	701.33	.00	701.36	4.50	1.28	360.40	217.84
1.115	91.20	706.80	707.40	697.00	654.00	701.76	.00	701.80	6.24	1.61	407.08	261.81
1.115	91.20	706.80	707.40	697.00	802.00	702.05	.00	702.10	7.49	1.83	438.78	293.01
1.115	91.20	706.80	707.40	697.00	1041.00	702.45	.00	702.52	9.42	2.15	483.98	339.24
1.115	91.20	706.80	707.40	697.00	1243.00	702.80	.00	702.89	10.54	2.37	525.03	382.88
1.115	91.20	706.80	707.40	697.00	1465.00	703.18	.00	703.28	11.48	2.57	569.94	432.32
1.115	91.20	706.80	707.40	697.00	2081.00	704.43	.00	704.56	11.02	2.88	722.98	626.84
* 1.120	50.00	.00	.00	697.00	462.00	701.36	.00	701.39	9.60	2.23	491.85	149.09
* 1.120	50.00	.00	.00	697.00	654.00	701.81	.00	701.84	8.47	2.24	707.81	224.68
* 1.120	50.00	.00	.00	697.00	802.00	702.12	.00	702.15	7.65	2.22	860.88	290.05
* 1.120	50.00	.00	.00	697.00	1041.00	702.55	.00	702.57	7.03	2.24	1068.92	392.63
* 1.120	50.00	.00	.00	697.00	1243.00	702.92	.00	702.95	6.32	2.22	1250.92	494.37
* 1.120	50.00	.00	.00	697.00	1465.00	703.32	.00	703.35	5.69	2.20	1444.63	614.16
* 1.120	50.00	.00	.00	697.00	2081.00	704.61	.00	704.63	3.76	2.03	2066.81	1072.49

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*K\$	VCH	AREA	.01K	
1.220	500.00	.00	.00	697.10	462.00	701.86	.00	701.89	10.20	2.44	772.24	144.68	
1.220	500.00	.00	.00	697.10	654.00	702.27	.00	702.29	9.44	2.48	1031.41	212.91	
1.220	500.00	.00	.00	697.10	802.00	702.54	.00	702.57	9.07	2.51	1210.56	266.31	
1.220	500.00	.00	.00	697.10	1041.00	702.94	.00	702.96	8.48	2.55	1483.26	357.42	
1.220	500.00	.00	.00	697.10	1243.00	703.28	.00	703.31	7.95	2.56	1709.66	440.85	
1.220	500.00	.00	.00	697.10	1465.00	703.65	.00	703.67	7.31	2.55	1963.15	541.74	
1.220	500.00	.00	.00	697.10	2081.00	704.83	.00	704.85	5.04	2.37	2805.40	926.77	
1.290	310.00	.00	.00	697.10	462.00	702.12	.00	702.15	6.51	2.01	857.48	181.14	
1.290	310.00	.00	.00	697.10	654.00	702.52	.00	702.55	6.97	2.19	1097.73	247.79	
1.290	310.00	.00	.00	697.10	802.00	702.79	.00	702.81	7.02	2.28	1271.19	302.75	
1.290	310.00	.00	.00	697.10	1041.00	703.18	.00	703.20	7.06	2.38	1527.61	391.83	
1.290	310.00	.00	.00	697.10	1243.00	703.51	.00	703.54	6.82	2.43	1752.64	475.81	
1.290	310.00	.00	.00	697.10	1465.00	703.86	.00	703.89	6.43	2.44	2009.35	577.64	
1.290	310.00	.00	.00	697.10	2081.00	704.98	.00	705.00	4.61	2.29	2863.74	969.08	
*	1.440	680.00	.00	.00	697.30	462.00	702.75	.00	702.82	15.55	3.29	370.17	117.16
*	1.440	680.00	.00	.00	697.30	654.00	703.18	.00	703.26	16.10	3.53	663.21	162.99
*	1.440	680.00	.00	.00	697.30	802.00	703.46	.00	703.53	16.08	3.63	845.93	199.97
*	1.440	680.00	.00	.00	697.30	1041.00	703.85	.00	703.91	15.75	3.75	1106.91	262.28
*	1.440	680.00	.00	.00	697.30	1243.00	704.16	.00	704.22	15.19	3.79	1314.12	318.95
*	1.440	680.00	.00	.00	697.30	1465.00	704.48	.00	704.53	14.58	3.83	1527.95	383.65
*	1.440	680.00	.00	.00	697.30	2081.00	705.43	.00	705.48	11.55	3.71	2169.85	612.45
1.450	50.00	.00	.00	697.40	462.00	702.79	.00	702.91	11.75	2.78	166.29	134.77	
1.450	50.00	.00	.00	697.40	654.00	703.20	.00	703.41	18.32	3.65	179.30	152.81	
1.450	50.00	.00	.00	697.40	802.00	703.45	.00	703.73	23.91	4.29	187.09	164.02	
*	1.450	50.00	.00	.00	697.40	1041.00	703.78	.00	704.21	33.56	5.27	197.61	179.69
*	1.450	50.00	.00	.00	697.40	1243.00	704.02	.00	704.59	42.00	6.05	205.50	191.80
*	1.450	50.00	.00	.00	697.40	1465.00	704.26	.00	705.00	51.58	6.87	213.23	203.98
*	1.450	50.00	.00	.00	697.40	2081.00	704.97	.00	706.18	74.17	8.82	236.05	241.64
1.455	39.00	729.10	721.60	697.40	462.00	702.84	.00	702.96	11.44	2.76	167.64	136.60	
1.455	39.00	729.10	721.60	697.40	654.00	703.28	.00	703.48	17.50	3.60	181.77	156.33	
1.455	39.00	729.10	721.60	697.40	802.00	703.55	.00	703.83	22.55	4.21	190.40	168.89	
1.455	39.00	729.10	721.60	697.40	1041.00	703.93	.00	704.34	30.94	5.14	202.50	187.15	
1.455	39.00	729.10	721.60	697.40	1243.00	704.22	.00	704.76	37.91	5.87	211.91	201.87	
1.455	39.00	729.10	721.60	697.40	1465.00	704.52	.00	705.20	45.40	6.61	221.55	217.42	
1.455	39.00	729.10	721.60	697.40	2081.00	705.40	.00	706.48	61.27	8.32	249.98	265.86	
*	1.460	55.00	.00	.00	697.30	462.00	703.00	.00	703.01	2.25	1.29	914.50	307.89
*	1.460	55.00	.00	.00	697.30	654.00	703.55	.00	703.56	1.98	1.29	1295.03	464.23
*	1.460	55.00	.00	.00	697.30	802.00	703.92	.00	703.93	1.84	1.29	1562.98	590.64
*	1.460	55.00	.00	.00	697.30	1041.00	704.47	.00	704.48	1.64	1.28	1988.58	813.83
*	1.460	55.00	.00	.00	697.30	1243.00	704.93	.00	704.93	1.46	1.26	2356.55	1029.69
*	1.460	55.00	.00	.00	697.30	1465.00	705.41	.00	705.42	1.28	1.23	2767.71	1292.73
*	1.460	55.00	.00	.00	697.30	2081.00	706.81	.00	706.81	.88	1.14	4034.88	2217.71

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
*	1.550	500.00	.00	.00	697.40	462.00	703.19	.00	703.36	22.08	4.09	186.13	98.33
*	1.550	500.00	.00	.00	697.40	654.00	703.71	.00	703.91	25.96	4.69	272.36	128.35
*	1.550	500.00	.00	.00	697.40	802.00	704.06	.00	704.26	26.46	4.91	337.54	155.92
*	1.550	500.00	.00	.00	697.40	1041.00	704.59	.00	704.79	25.83	5.11	435.32	204.82
*	1.550	500.00	.00	.00	697.40	1243.00	705.04	.00	705.20	22.22	4.93	616.01	263.72
*	1.550	500.00	.00	.00	697.40	1465.00	705.52	.00	705.64	17.66	4.58	826.36	348.61
*	1.550	500.00	.00	.00	697.40	2081.00	706.89	.00	706.95	8.77	3.58	1508.50	702.52
*	1.570	105.00	.00	.00	697.60	462.00	703.43	.00	703.44	1.20	.86	537.37	421.75
*	1.570	105.00	.00	.00	697.60	654.00	703.99	.00	704.01	1.74	1.09	597.87	495.32
*	1.570	105.00	.00	.00	697.60	802.00	704.35	.00	704.37	2.17	1.26	636.74	544.41
*	1.570	105.00	.00	.00	697.60	1041.00	704.87	.00	704.91	2.87	1.50	696.22	614.26
*	1.570	105.00	.00	.00	697.60	1243.00	705.27	.00	705.31	3.49	1.67	742.22	665.44
*	1.570	105.00	.00	.00	697.60	1465.00	705.69	.00	705.74	3.90	1.85	792.15	741.71
*	1.570	105.00	.00	.00	697.60	2081.00	706.94	.00	707.02	4.41	2.21	942.46	990.82
	1.575	91.00	709.30	708.00	697.60	462.00	703.43	.00	703.44	1.20	.86	537.42	421.81
	1.575	91.00	709.30	708.00	697.60	654.00	703.99	.00	704.01	1.74	1.09	597.95	495.42
	1.575	91.00	709.30	708.00	697.60	802.00	704.35	.00	704.37	2.17	1.26	636.85	544.55
	1.575	91.00	709.30	708.00	697.60	1041.00	704.87	.00	704.91	2.87	1.49	696.37	614.48
	1.575	91.00	709.30	708.00	697.60	1243.00	705.27	.00	705.31	3.49	1.67	742.11	665.27
	1.575	91.00	709.30	708.00	697.60	1465.00	705.69	.00	705.74	3.90	1.85	792.42	742.12
	1.575	91.00	709.30	708.00	697.60	2081.00	706.95	.00	707.02	4.40	2.21	943.34	992.35
*	1.600	175.00	.00	.00	697.70	462.00	703.43	.00	703.55	15.35	3.37	211.94	117.93
*	1.600	175.00	.00	.00	697.70	654.00	704.00	.00	704.15	18.33	3.92	306.38	152.76
*	1.600	175.00	.00	.00	697.70	802.00	704.37	.00	704.53	19.40	4.19	384.66	182.10
*	1.600	175.00	.00	.00	697.70	1041.00	704.92	.00	705.06	17.91	4.25	557.47	245.99
*	1.600	175.00	.00	.00	697.70	1243.00	705.34	.00	705.46	15.95	4.16	709.37	311.21
*	1.600	175.00	.00	.00	697.70	1465.00	705.78	.00	705.88	13.76	4.01	878.58	394.95
*	1.600	175.00	.00	.00	697.70	2081.00	707.07	.00	707.13	8.54	3.49	1405.39	711.98
*	1.700	500.00	.00	.00	698.30	462.00	703.98	.00	704.01	5.54	2.02	588.45	196.22
*	1.700	500.00	.00	.00	698.30	654.00	704.58	.00	704.60	4.54	1.96	947.65	306.84
*	1.700	500.00	.00	.00	698.30	802.00	704.93	.00	704.95	3.93	1.89	1197.46	404.40
*	1.700	500.00	.00	.00	698.30	1041.00	705.41	.00	705.43	3.29	1.81	1575.82	573.94
*	1.700	500.00	.00	.00	698.30	1243.00	705.77	.00	705.79	2.97	1.78	1871.28	720.77
*	1.700	500.00	.00	.00	698.30	1465.00	706.15	.00	706.17	2.68	1.75	2197.53	895.41
*	1.700	500.00	.00	.00	698.30	2081.00	707.31	.00	707.32	1.78	1.56	3270.64	1559.96
*	1.800	500.00	.00	.00	699.00	462.00	704.34	.00	704.44	12.04	2.86	229.01	133.15
*	1.800	500.00	.00	.00	699.00	654.00	704.90	.00	705.01	13.98	3.30	378.63	174.89
*	1.800	500.00	.00	.00	699.00	802.00	705.22	.00	705.32	13.66	3.38	526.08	217.01
*	1.800	500.00	.00	.00	699.00	1041.00	705.66	.00	705.75	12.51	3.38	749.59	294.35
*	1.800	500.00	.00	.00	699.00	1243.00	706.00	.00	706.08	11.39	3.34	936.85	368.38
*	1.800	500.00	.00	.00	699.00	1465.00	706.36	.00	706.43	10.13	3.25	1149.24	460.34
*	1.800	500.00	.00	.00	699.00	2081.00	707.44	.00	707.48	6.14	2.78	1888.20	839.80

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
1.900	500.00	.00	.00	699.70	462.00	705.05	.00	705.15	17.09	3.41	289.08	111.77
1.900	500.00	.00	.00	699.70	654.00	705.64	.00	705.71	13.25	3.22	539.71	179.70
1.900	500.00	.00	.00	699.70	802.00	705.93	.00	705.99	12.49	3.23	691.70	226.94
1.900	500.00	.00	.00	699.70	1041.00	706.32	.00	706.37	11.71	3.25	920.28	304.19
1.900	500.00	.00	.00	699.70	1243.00	706.60	.00	706.65	11.04	3.25	1112.43	374.02
1.900	500.00	.00	.00	699.70	1465.00	706.90	.00	706.94	9.95	3.17	1321.24	464.51
1.900	500.00	.00	.00	699.70	2081.00	707.78	.00	707.81	6.69	2.81	1988.25	804.46
2.000	500.00	.00	.00	700.40	462.00	706.00	.00	706.11	21.10	3.85	260.44	100.57
2.000	500.00	.00	.00	700.40	654.00	706.48	.00	706.61	23.19	4.27	352.47	135.82
2.000	500.00	.00	.00	700.40	802.00	706.75	.00	706.86	23.34	4.41	505.39	166.01
2.000	500.00	.00	.00	700.40	1041.00	707.07	.00	707.16	20.78	4.30	772.73	228.35
2.000	500.00	.00	.00	700.40	1243.00	707.31	.00	707.38	18.71	4.17	969.99	287.33
2.000	500.00	.00	.00	700.40	1465.00	707.54	.00	707.60	17.07	4.07	1164.39	354.58
2.000	500.00	.00	.00	700.40	2081.00	708.21	.00	708.26	11.81	3.60	1751.52	605.59
2.100	500.00	.00	.00	701.10	462.00	706.98	.00	707.21	20.31	4.47	331.29	102.51
2.100	500.00	.00	.00	701.10	654.00	707.52	.00	707.72	19.73	4.67	626.14	147.22
2.100	500.00	.00	.00	701.10	802.00	707.80	.00	707.99	20.14	4.86	804.05	178.72
2.100	500.00	.00	.00	701.10	1041.00	708.10	.00	708.30	22.42	5.28	1009.51	219.85
2.100	500.00	.00	.00	701.10	1243.00	708.30	.00	708.51	24.40	5.62	1151.91	251.66
2.100	500.00	.00	.00	701.10	1465.00	708.51	.00	708.72	26.28	5.94	1293.32	285.79
2.100	500.00	.00	.00	701.10	2081.00	709.01	.00	709.23	29.66	6.60	1645.85	382.14
*												
*	2.200	500.00	.00	.00	701.70	462.00	.00	707.90	9.09	3.13	634.69	153.24
*	2.200	500.00	.00	.00	701.70	654.00	.00	708.41	9.64	3.40	901.17	210.63
*	2.200	500.00	.00	.00	701.70	802.00	.00	708.71	10.26	3.62	1071.62	250.40
*	2.200	500.00	.00	.00	701.70	1041.00	.00	709.08	11.16	3.91	1322.32	311.56
*	2.200	500.00	.00	.00	701.70	1243.00	.00	709.35	11.86	4.13	1515.09	360.95
*	2.200	500.00	.00	.00	701.70	1465.00	.00	709.61	12.53	4.34	1711.56	413.92
*	2.200	500.00	.00	.00	701.70	2081.00	.00	710.23	14.00	4.83	2177.03	556.15
2.300	500.00	.00	.00	702.40	462.00	708.34	.00	708.44	12.66	3.62	270.25	129.85
2.300	500.00	.00	.00	702.40	654.00	708.89	.00	709.00	14.28	4.09	383.58	173.06
2.300	500.00	.00	.00	702.40	802.00	709.22	.00	709.32	14.66	4.28	487.91	209.45
2.300	500.00	.00	.00	702.40	1041.00	709.63	.00	709.74	15.18	4.53	638.16	267.22
2.300	500.00	.00	.00	702.40	1243.00	709.93	.00	710.03	15.45	4.70	756.86	316.25
2.300	500.00	.00	.00	702.40	1465.00	710.21	.00	710.31	15.57	4.84	883.41	371.23
2.300	500.00	.00	.00	702.40	2081.00	710.86	.00	710.96	15.46	5.09	1217.25	529.25
2.400	500.00	.00	.00	703.10	462.00	709.08	.00	709.19	17.58	3.90	297.05	110.18
2.400	500.00	.00	.00	703.10	654.00	709.67	.00	709.75	15.23	3.88	449.81	167.58
2.400	500.00	.00	.00	703.10	802.00	710.00	.00	710.08	14.71	3.94	563.50	209.14
2.400	500.00	.00	.00	703.10	1041.00	710.42	.00	710.49	14.09	4.01	754.95	277.37
2.400	500.00	.00	.00	703.10	1243.00	710.71	.00	710.78	13.56	4.04	913.13	337.58
2.400	500.00	.00	.00	703.10	1465.00	710.99	.00	711.05	13.05	4.07	1074.84	405.53
2.400	500.00	.00	.00	703.10	2081.00	711.62	.00	711.68	12.38	4.17	1456.67	591.36

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
*	2.410	50.00	.00	.00	703.20	462.00	709.20	.00	709.24	2.92	1.78	455.30	270.49
*	2.410	50.00	.00	.00	703.20	654.00	709.75	.00	709.80	3.57	2.10	593.62	346.37
*	2.410	50.00	.00	.00	703.20	802.00	710.07	.00	710.12	3.98	2.29	715.10	401.80
*	2.410	50.00	.00	.00	703.20	1041.00	710.47	.00	710.53	4.59	2.56	908.08	485.86
*	2.410	50.00	.00	.00	703.20	1243.00	710.75	.00	710.82	4.97	2.74	1054.57	557.35
*	2.410	50.00	.00	.00	703.20	1465.00	711.02	.00	711.09	5.34	2.91	1199.67	634.11
*	2.410	50.00	.00	.00	703.20	2081.00	711.65	.00	711.73	6.15	3.29	1549.79	839.23
	2.415	80.00	709.60	708.40	703.20	462.00	709.37	.00	709.46	5.09	2.40	192.19	204.68
	2.415	80.00	709.60	708.40	703.20	654.00	710.13	.00	710.17	2.50	1.83	742.23	413.34
	2.415	80.00	709.60	708.40	703.20	802.00	710.44	.00	710.48	2.80	1.99	893.67	479.17
	2.415	80.00	709.60	708.40	703.20	1041.00	710.78	.00	710.83	3.39	2.26	1070.96	565.75
	2.415	80.00	709.60	708.40	703.20	1243.00	711.00	.00	711.05	3.93	2.49	1186.42	626.88
	2.415	80.00	709.60	708.40	703.20	1465.00	711.20	.00	711.26	4.53	2.72	1296.15	687.99
	2.415	80.00	709.60	708.40	703.20	2081.00	711.70	.00	711.78	5.88	3.23	1580.33	858.31
*	2.580	900.00	.00	.00	703.70	462.00	709.61	.00	709.62	.75	1.01	455.79	532.74
*	2.580	900.00	.00	.00	703.70	654.00	710.28	.00	710.31	1.07	1.25	522.73	631.09
	2.580	900.00	.00	.00	703.70	802.00	710.65	.00	710.68	1.88	1.41	570.42	585.47
	2.580	900.00	.00	.00	703.70	1041.00	711.05	.00	711.09	2.54	1.65	632.05	653.50
	2.580	900.00	.00	.00	703.70	1243.00	711.30	.00	711.36	2.95	1.85	673.35	723.31
	2.580	900.00	.00	.00	703.70	1465.00	711.55	.00	711.61	3.41	2.05	713.47	793.50
	2.580	900.00	.00	.00	703.70	2081.00	712.15	.00	712.25	4.53	2.56	812.99	977.24
	2.585	165.00	726.40	725.10	703.70	462.00	709.61	.00	709.62	.75	1.01	455.81	532.80
	2.585	165.00	726.40	725.10	703.70	654.00	710.29	.00	710.31	1.07	1.25	522.83	631.05
	2.585	165.00	726.40	725.10	703.70	802.00	710.65	.00	710.68	1.88	1.41	570.42	585.47
	2.585	165.00	726.40	725.10	703.70	1041.00	711.05	.00	711.09	2.54	1.65	632.17	653.69
	2.585	165.00	726.40	725.10	703.70	1243.00	711.30	.00	711.36	2.95	1.85	673.57	723.68
	2.585	165.00	726.40	725.10	703.70	1465.00	711.55	.00	711.61	3.41	2.05	713.67	793.85
	2.585	165.00	726.40	725.10	703.70	2081.00	712.15	.00	712.26	4.53	2.56	813.35	977.93
	2.620	910.00	.00	.00	703.70	462.00	709.66	.00	709.67	.41	.86	555.18	720.44
	2.620	910.00	.00	.00	703.70	654.00	710.36	.00	710.38	.55	1.08	633.48	881.80
*	2.620	910.00	.00	.00	703.70	802.00	710.76	.00	710.78	.66	1.23	748.89	987.08
*	2.620	910.00	.00	.00	703.70	1041.00	711.18	.00	711.21	.73	1.35	1188.41	1215.71
*	2.620	910.00	.00	.00	703.70	1243.00	711.46	.00	711.48	.76	1.41	1483.31	1425.75
*	2.620	910.00	.00	.00	703.70	1465.00	711.73	.00	711.75	.77	1.45	1775.76	1668.77
*	2.620	910.00	.00	.00	703.70	2081.00	712.39	.00	712.41	.74	1.50	2521.21	2416.48
	2.625	42.50	710.20	709.10	703.70	462.00	709.66	.00	709.68	.44	.90	514.64	693.72
	2.625	42.50	712.40	709.10	703.70	654.00	710.37	.00	710.39	.57	1.10	610.52	867.48
	2.625	42.50	712.40	709.10	703.70	802.00	710.77	.00	710.79	.65	1.23	761.87	991.88
	2.625	42.50	712.40	709.10	703.70	1041.00	711.22	.00	711.24	.70	1.33	1225.90	1240.24
	2.625	42.50	712.40	709.10	703.70	1243.00	711.52	.00	711.54	.71	1.37	1549.75	1478.12
	2.625	42.50	712.40	709.10	703.70	1465.00	711.82	.00	711.84	.69	1.39	1881.22	1763.95
	2.625	42.50	710.20	709.10	703.70	2081.00	712.60	.00	712.62	.59	1.36	2784.79	2718.92

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
* 2.750	500.00	.00	.00	704.00	462.00	709.70	.00	709.71	1.32	1.51	705.91	402.34
2.750	500.00	.00	.00	704.00	654.00	710.41	.00	710.42	.66	1.15	1250.00	806.38
2.750	500.00	.00	.00	704.00	802.00	710.82	.00	710.83	.50	1.04	1619.98	1138.40
2.750	500.00	.00	.00	704.00	1041.00	711.27	.00	711.27	.43	1.01	2053.49	1591.44
2.750	500.00	.00	.00	704.00	1243.00	711.57	.00	711.57	.41	1.02	2359.86	1941.22
2.750	500.00	.00	.00	704.00	1465.00	711.87	.00	711.87	.40	1.03	2672.11	2319.83
2.750	500.00	.00	.00	704.00	2081.00	712.64	.00	712.65	.36	1.04	3547.22	3484.45
2.850	500.00	.00	.00	704.30	462.00	709.77	.00	709.78	1.40	1.51	724.60	390.04
2.850	500.00	.00	.00	704.30	654.00	710.45	.00	710.45	.70	1.16	1274.01	780.67
2.850	500.00	.00	.00	704.30	802.00	710.85	.00	710.85	.51	1.03	1667.09	1126.66
2.850	500.00	.00	.00	704.30	1041.00	711.29	.00	711.29	.42	.98	2117.38	1597.60
2.850	500.00	.00	.00	704.30	1243.00	711.59	.00	711.59	.40	.98	2430.99	1959.53
2.850	500.00	.00	.00	704.30	1465.00	711.89	.00	711.89	.39	.99	2751.87	2355.54
2.850	500.00	.00	.00	704.30	2081.00	712.66	.00	712.66	.35	1.00	3617.77	3539.37
2.950	500.00	.00	.00	704.60	462.00	709.86	.00	709.88	2.52	1.74	581.42	290.84
2.950	500.00	.00	.00	704.60	654.00	710.50	.00	710.50	1.33	1.36	990.98	566.18
2.950	500.00	.00	.00	704.60	802.00	710.88	.00	710.89	.95	1.20	1332.75	824.39
2.950	500.00	.00	.00	704.60	1041.00	711.32	.00	711.32	.75	1.11	1773.13	1204.62
2.950	500.00	.00	.00	704.60	1243.00	711.62	.00	711.62	.68	1.09	2092.04	1507.99
2.950	500.00	.00	.00	704.60	1465.00	711.91	.00	711.92	.63	1.08	2426.65	1847.28
2.950	500.00	.00	.00	704.60	2081.00	712.68	.00	712.69	.52	1.05	3362.36	2892.29
3.050	500.00	.00	.00	704.90	462.00	710.01	.00	710.05	3.79	2.14	466.65	237.26
3.050	500.00	.00	.00	704.90	654.00	710.58	.00	710.60	2.38	1.82	831.33	423.53
3.050	500.00	.00	.00	704.90	802.00	710.94	.00	710.96	1.69	1.60	1139.92	617.83
3.050	500.00	.00	.00	704.90	1041.00	711.37	.00	711.38	1.34	1.49	1519.71	899.94
3.050	500.00	.00	.00	704.90	1243.00	711.66	.00	711.67	1.19	1.45	1806.63	1137.82
3.050	500.00	.00	.00	704.90	1465.00	711.95	.00	711.96	1.08	1.42	2109.17	1408.19
3.050	500.00	.00	.00	704.90	2081.00	712.71	.00	712.72	.85	1.34	2959.30	2261.82
* 3.150	500.00	.00	.00	705.30	179.00	710.16	.00	710.17	.99	1.21	575.57	179.76
* 3.150	500.00	.00	.00	705.30	299.00	710.69	.00	710.70	1.21	1.43	812.08	272.11
* 3.150	500.00	.00	.00	705.30	388.00	711.02	.00	711.03	1.22	1.49	1000.94	351.91
* 3.150	500.00	.00	.00	705.30	506.00	711.43	.00	711.44	1.17	1.53	1277.42	468.66
* 3.150	500.00	.00	.00	705.30	599.00	711.72	.00	711.73	1.12	1.55	1501.34	564.89
* 3.150	500.00	.00	.00	705.30	695.00	712.01	.00	712.02	1.06	1.55	1752.23	675.09
* 3.150	500.00	.00	.00	705.30	931.00	712.76	.00	712.76	.81	1.45	2521.55	1035.07
3.250	500.00	.00	.00	705.60	179.00	710.22	.00	710.24	1.67	1.51	510.95	138.72
3.250	500.00	.00	.00	705.60	299.00	710.75	.00	710.77	1.59	1.59	842.81	237.25
3.250	500.00	.00	.00	705.60	388.00	711.09	.00	711.10	1.37	1.54	1091.06	331.81
3.250	500.00	.00	.00	705.60	506.00	711.49	.00	711.50	1.19	1.51	1399.59	463.49
3.250	500.00	.00	.00	705.60	599.00	711.78	.00	711.78	1.10	1.49	1630.05	570.47
3.250	500.00	.00	.00	705.60	695.00	712.06	.00	712.07	1.01	1.48	1873.22	690.28
3.250	500.00	.00	.00	705.60	931.00	712.80	.00	712.80	.77	1.38	2551.61	1060.03

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
*	3.350	500.00	.00	.00	705.90	179.00	710.27	.00	710.28	.49	.79	394.67	256.51
*	3.350	500.00	.00	.00	705.90	299.00	710.81	.00	710.82	.78	1.08	566.70	338.74
	3.350	500.00	.00	.00	705.90	388.00	711.14	.00	711.16	.91	1.22	723.07	407.79
	3.350	500.00	.00	.00	705.90	506.00	711.54	.00	711.56	.99	1.34	936.65	509.67
	3.350	500.00	.00	.00	705.90	599.00	711.83	.00	711.84	1.03	1.41	1098.12	591.16
	3.350	500.00	.00	.00	705.90	695.00	712.11	.00	712.13	1.04	1.46	1271.47	682.20
	3.350	500.00	.00	.00	705.90	931.00	712.84	.00	712.85	.93	1.49	1767.57	964.83
	3.450	500.00	.00	.00	706.20	179.00	710.30	.00	710.30	.47	.75	359.57	260.31
	3.450	500.00	.00	.00	706.20	299.00	710.85	.00	710.86	.75	1.03	537.11	344.64
	3.450	500.00	.00	.00	706.20	388.00	711.18	.00	711.20	.87	1.16	709.26	416.33
	3.450	500.00	.00	.00	706.20	506.00	711.59	.00	711.61	.94	1.26	940.93	522.64
	3.450	500.00	.00	.00	706.20	599.00	711.88	.00	711.89	.97	1.33	1116.34	608.76
	3.450	500.00	.00	.00	706.20	695.00	712.16	.00	712.18	.97	1.37	1303.85	705.18
	3.450	500.00	.00	.00	706.20	931.00	712.88	.00	712.90	.86	1.39	1834.40	1005.02
	3.550	500.00	.00	.00	706.50	179.00	710.33	.00	710.34	.85	.95	225.56	194.44
	3.550	500.00	.00	.00	706.50	299.00	710.89	.00	710.91	1.35	1.32	368.92	257.36
	3.550	500.00	.00	.00	706.50	388.00	711.24	.00	711.26	1.51	1.47	525.02	316.27
	3.550	500.00	.00	.00	706.50	506.00	711.65	.00	711.67	1.56	1.58	728.56	404.50
	3.550	500.00	.00	.00	706.50	599.00	711.93	.00	711.96	1.57	1.64	881.98	477.34
	3.550	500.00	.00	.00	706.50	695.00	712.21	.00	712.24	1.55	1.69	1043.56	558.77
	3.550	500.00	.00	.00	706.50	931.00	712.93	.00	712.95	1.32	1.68	1489.31	810.04
	3.610	320.00	.00	.00	706.70	179.00	710.35	.00	710.37	.93	.97	203.32	185.57
	3.610	320.00	.00	.00	706.70	299.00	710.93	.00	710.96	1.43	1.32	361.26	250.30
	3.610	320.00	.00	.00	706.70	388.00	711.28	.00	711.31	1.56	1.46	518.57	310.79
	3.610	320.00	.00	.00	706.70	506.00	711.69	.00	711.72	1.60	1.57	713.21	399.58
	3.610	320.00	.00	.00	706.70	599.00	711.98	.00	712.01	1.62	1.63	852.11	470.46
	3.610	320.00	.00	.00	706.70	695.00	712.26	.00	712.29	1.60	1.68	996.67	549.84
	3.610	320.00	.00	.00	706.70	931.00	712.97	.00	712.99	1.40	1.70	1380.17	786.39
*	3.620	50.00	.00	.00	706.80	179.00	710.34	.00	710.40	6.14	1.86	96.00	72.22
*	3.620	50.00	.00	.00	706.80	299.00	710.91	.00	711.01	8.48	2.52	118.57	102.67
*	3.620	50.00	.00	.00	706.80	388.00	711.25	.00	711.38	9.99	2.94	132.00	122.78
*	3.620	50.00	.00	.00	706.80	506.00	711.63	.00	711.82	11.70	3.43	147.60	147.90
*	3.620	50.00	.00	.00	706.80	599.00	711.90	.00	712.12	12.99	3.78	158.31	166.21
*	3.620	50.00	.00	.00	706.80	695.00	712.16	.00	712.42	14.11	4.12	168.82	185.03
*	3.620	50.00	.00	.00	706.80	931.00	712.82	.00	713.17	15.57	4.77	195.33	235.93
	3.625	43.00	715.00	713.60	706.80	179.00	710.37	.00	710.42	5.98	1.85	96.78	73.20
	3.625	43.00	715.00	713.60	706.80	299.00	710.95	.00	711.05	8.12	2.49	120.13	104.94
	3.625	43.00	715.00	713.60	706.80	388.00	711.29	.00	711.42	9.53	2.90	133.88	125.70
	3.625	43.00	715.00	713.60	706.80	506.00	711.69	.00	711.87	11.13	3.38	149.86	151.69
	3.625	43.00	715.00	713.60	706.80	599.00	711.96	.00	712.18	12.31	3.72	160.86	170.70
	3.625	43.00	715.00	713.60	706.80	695.00	712.23	.00	712.49	13.35	4.05	171.64	190.20
	3.625	43.00	715.00	713.60	706.80	931.00	712.90	.00	713.24	14.75	4.69	198.53	242.41

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K	
*	3.630	40.00	.00	.00	706.80	179.00	710.36	.00	710.50	12.42	3.18	77.57	50.79
	3.630	40.00	.00	.00	706.80	299.00	710.96	.00	711.13	15.03	3.89	185.46	77.13
	3.630	40.00	.00	.00	706.80	388.00	711.34	.00	711.47	12.36	3.74	305.51	110.38
	3.630	40.00	.00	.00	706.80	506.00	711.85	.00	711.94	8.42	3.33	492.12	174.42
	3.630	40.00	.00	.00	706.80	599.00	712.20	.00	712.26	6.85	3.14	630.90	228.93
*	3.630	40.00	.00	.00	706.80	695.00	712.53	.00	712.58	5.72	2.99	775.53	290.58
*	3.630	40.00	.00	.00	706.80	931.00	713.33	.00	713.36	3.68	2.62	1151.27	485.09
	3.690	230.00	.00	.00	706.80	179.00	710.65	.00	710.74	7.61	2.65	109.36	64.88
	3.690	230.00	.00	.00	706.80	299.00	711.31	.00	711.42	9.02	3.21	223.20	99.54
	3.690	230.00	.00	.00	706.80	388.00	711.63	.00	711.74	9.46	3.45	324.66	126.14
	3.690	230.00	.00	.00	706.80	506.00	712.06	.00	712.15	8.09	3.38	514.64	177.92
	3.690	230.00	.00	.00	706.80	599.00	712.37	.00	712.44	6.88	3.24	688.54	228.40
	3.690	230.00	.00	.00	706.80	695.00	712.68	.00	712.73	5.65	3.04	886.65	292.46
	3.690	230.00	.00	.00	706.80	931.00	713.43	.00	713.46	3.11	2.45	1431.12	527.78
*	3.700	50.00	.00	.00	706.80	179.00	710.76	.00	710.77	1.08	.87	206.18	172.55
*	3.700	50.00	.00	.00	706.80	299.00	711.44	.00	711.46	1.44	1.16	256.82	248.83
*	3.700	50.00	.00	.00	706.80	388.00	711.75	.00	711.78	1.83	1.39	279.63	286.75
*	3.700	50.00	.00	.00	706.80	506.00	712.14	.00	712.18	2.25	1.64	308.40	337.58
*	3.700	50.00	.00	.00	706.80	599.00	712.42	.00	712.47	2.55	1.82	328.51	375.06
*	3.700	50.00	.00	.00	706.80	695.00	712.69	.00	712.75	2.78	1.99	349.92	416.69
*	3.700	50.00	.00	.00	706.80	931.00	713.46	.00	713.47	.66	1.07	2034.68	1147.26
	3.705	92.70	714.30	713.40	706.80	179.00	710.76	.00	710.77	1.08	.87	206.22	172.61
	3.705	92.70	714.30	713.40	706.80	299.00	711.44	.00	711.46	1.44	1.16	256.82	248.93
	3.705	92.70	714.30	713.40	706.80	388.00	711.75	.00	711.78	1.83	1.39	279.73	286.92
	3.705	92.70	714.30	713.40	706.80	506.00	712.14	.00	712.18	2.24	1.64	308.54	337.84
	3.705	92.70	714.30	713.40	706.80	599.00	712.42	.00	712.47	2.54	1.82	329.09	376.17
	3.705	92.70	714.30	713.40	706.80	695.00	712.70	.00	712.76	2.79	1.99	349.66	416.18
*	3.705	92.70	714.30	713.40	706.80	931.00	713.53	.00	713.61	2.91	2.26	411.51	545.96
*	3.710	75.00	.00	.00	706.80	179.00	710.74	.00	710.83	19.21	2.81	80.33	40.84
*	3.710	75.00	.00	.00	706.80	299.00	711.40	.00	711.56	25.06	3.58	106.64	59.73
*	3.710	75.00	.00	.00	706.80	388.00	711.70	.00	711.90	31.30	4.18	119.22	69.35
*	3.710	75.00	.00	.00	706.80	506.00	712.07	.00	712.33	37.42	4.80	136.01	82.71
*	3.710	75.00	.00	.00	706.80	599.00	712.34	.00	712.64	41.42	5.23	148.59	93.07
*	3.710	75.00	.00	.00	706.80	695.00	712.62	711.01	712.94	43.86	5.56	173.61	104.94
*	3.710	75.00	.00	.00	706.80	931.00	713.62	.00	713.66	8.10	2.67	947.36	327.16
	3.810	530.00	.00	.00	707.30	179.00	711.57	.00	711.65	12.11	2.27	92.50	51.43
	3.810	530.00	.00	.00	707.30	299.00	712.45	.00	712.54	13.77	2.76	137.65	80.58
*	3.810	530.00	.00	.00	707.30	388.00	712.88	.00	712.98	13.30	2.88	227.00	106.40
*	3.810	530.00	.00	.00	707.30	506.00	713.30	.00	713.37	10.95	2.75	369.43	152.91
*	3.810	530.00	.00	.00	707.30	599.00	713.58	.00	713.63	9.45	2.63	479.74	194.87
*	3.810	530.00	.00	.00	707.30	695.00	713.82	.00	713.87	8.24	2.53	593.77	242.15
	3.810	530.00	.00	.00	707.30	931.00	714.08	.00	714.13	9.86	2.84	716.08	296.48

	SECCO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
*	3.910	510.00	.00	.00	707.70	179.00	711.97	.00	711.99	4.09	1.37	222.70	88.51
*	3.910	510.00	.00	.00	707.70	299.00	712.83	.00	712.84	2.89	1.31	405.16	175.86
*	3.910	510.00	.00	.00	707.70	388.00	713.24	.00	713.25	2.65	1.32	517.39	238.45
*	3.910	510.00	.00	.00	707.70	506.00	713.62	.00	713.63	2.73	1.40	626.55	305.98
*	3.910	510.00	.00	.00	707.70	599.00	713.87	.00	713.88	2.82	1.47	702.86	356.47
*	3.910	510.00	.00	.00	707.70	695.00	714.09	.00	714.11	2.93	1.53	774.48	406.03
*	3.910	510.00	.00	.00	707.70	931.00	714.40	.00	714.43	3.76	1.79	876.55	479.95
*	4.020	545.00	.00	.00	708.30	179.00	712.33	.00	712.37	13.09	2.34	143.83	49.48
*	4.020	545.00	.00	.00	708.30	299.00	713.05	.00	713.07	6.50	1.85	352.81	117.27
*	4.020	545.00	.00	.00	708.30	388.00	713.43	.00	713.45	4.84	1.68	495.35	176.38
*	4.020	545.00	.00	.00	708.30	506.00	713.80	.00	713.81	4.10	1.62	655.00	250.01
*	4.020	545.00	.00	.00	708.30	599.00	714.05	.00	714.06	3.76	1.60	773.64	308.83
*	4.020	545.00	.00	.00	708.30	695.00	714.27	.00	714.28	3.54	1.60	889.98	369.41
*	4.020	545.00	.00	.00	708.30	931.00	714.62	.00	714.63	3.83	1.72	1082.62	475.74
*	4.120	520.00	.00	.00	708.50	179.00	712.98	.00	713.03	12.37	2.41	140.82	50.90
*	4.120	520.00	.00	.00	708.50	299.00	713.47	.00	713.52	11.31	2.48	262.51	88.92
*	4.120	520.00	.00	.00	708.50	388.00	713.77	.00	713.80	10.17	2.44	353.98	121.69
*	4.120	520.00	.00	.00	708.50	506.00	714.09	.00	714.12	9.13	2.41	471.02	167.49
*	4.120	520.00	.00	.00	708.50	599.00	714.31	.00	714.34	8.44	2.38	563.24	206.13
*	4.120	520.00	.00	.00	708.50	695.00	714.52	.00	714.55	7.89	2.36	657.02	247.42
*	4.120	520.00	.00	.00	708.50	931.00	714.88	.00	714.91	7.61	2.41	831.17	337.53
*	4.130	50.00	.00	.00	708.80	179.00	713.05	.00	713.07	3.49	1.26	142.06	95.84
*	4.130	50.00	.00	.00	708.80	299.00	713.51	.00	713.56	6.37	1.85	161.32	118.45
*	4.130	50.00	.00	.00	708.80	388.00	713.79	.00	713.87	8.55	2.25	172.67	132.67
*	4.130	50.00	.00	.00	708.80	506.00	714.10	.00	714.21	11.60	2.74	184.80	148.57
*	4.130	50.00	.00	.00	708.80	599.00	714.31	.00	714.46	13.99	3.10	193.33	160.17
*	4.130	50.00	.00	.00	708.80	695.00	714.50	.00	714.69	16.49	3.45	201.16	171.13
*	4.130	50.00	.00	.00	708.80	931.00	714.81	.00	715.10	24.18	4.36	213.73	189.33
*	4.135	44.00	715.80	716.00	708.80	179.00	713.06	.00	713.09	3.46	1.26	142.46	96.29
*	4.135	44.00	715.80	716.00	708.80	299.00	713.54	.00	713.59	6.27	1.84	162.11	119.42
*	4.135	44.00	715.80	716.00	708.80	388.00	713.83	.00	713.91	8.34	2.23	173.98	134.35
*	4.135	44.00	715.80	716.00	708.80	506.00	714.15	.00	714.26	11.15	2.71	186.98	151.50
*	4.135	44.00	715.80	716.00	708.80	599.00	714.37	.00	714.52	13.36	3.06	195.98	163.85
*	4.135	44.00	715.80	716.00	708.80	695.00	714.58	.00	714.76	15.65	3.40	204.33	175.65
*	4.135	44.00	715.80	716.00	708.80	931.00	714.93	.00	715.21	22.44	4.26	218.58	196.54
*	4.140	40.00	.00	.00	708.90	179.00	713.07	.00	713.12	6.62	2.50	185.37	69.57
*	4.140	40.00	.00	.00	708.90	299.00	713.56	.00	713.63	7.67	2.91	315.34	107.94
*	4.140	40.00	.00	.00	708.90	388.00	713.88	.00	713.95	7.84	3.07	407.63	138.60
*	4.140	40.00	.00	.00	708.90	506.00	714.26	.00	714.32	7.56	3.17	534.19	184.05
*	4.140	40.00	.00	.00	708.90	599.00	714.52	.00	714.58	7.35	3.23	630.88	220.97
*	4.140	40.00	.00	.00	708.90	695.00	714.78	.00	714.84	7.03	3.26	729.66	262.11
*	4.140	40.00	.00	.00	708.90	931.00	715.27	.00	715.33	6.88	3.41	936.70	354.85

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
4.280	735.00	.00	.00	709.10	179.00	713.59	.00	713.70	8.21	2.98	96.08	62.45
4.280	735.00	.00	.00	709.10	299.00	714.21	.00	714.36	10.95	3.76	142.77	90.36
4.280	735.00	.00	.00	709.10	388.00	714.56	.00	714.73	12.09	4.14	176.51	111.58
4.280	735.00	.00	.00	709.10	506.00	714.91	.00	715.04	10.71	4.06	437.25	154.61
4.280	735.00	.00	.00	709.10	599.00	715.14	.00	715.24	9.10	3.84	628.15	198.52
4.280	735.00	.00	.00	709.10	695.00	715.35	.00	715.43	7.82	3.65	808.84	248.53
4.280	735.00	.00	.00	709.10	931.00	715.78	.00	715.84	6.10	3.37	1188.70	376.87
4.410	680.00	.00	.00	709.50	179.00	714.26	.00	714.33	10.41	2.38	91.83	55.48
4.410	680.00	.00	.00	709.50	299.00	714.99	.00	715.05	8.94	2.43	372.78	99.98
4.410	680.00	.00	.00	709.50	388.00	715.32	.00	715.36	6.72	2.19	610.83	149.67
4.410	680.00	.00	.00	709.50	506.00	715.58	.00	715.61	6.40	2.21	804.90	200.03
4.410	680.00	.00	.00	709.50	599.00	715.74	.00	715.77	6.53	2.27	923.23	234.47
4.410	680.00	.00	.00	709.50	695.00	715.88	.00	715.91	6.58	2.31	1040.20	271.02
4.410	680.00	.00	.00	709.50	931.00	716.23	.00	716.26	6.49	2.38	1313.89	365.43
4.500	505.00	.00	.00	709.70	179.00	714.75	.00	714.81	8.58	2.14	140.28	61.13
4.500	505.00	.00	.00	709.70	299.00	715.38	.00	715.42	7.26	2.14	386.79	110.94
4.500	505.00	.00	.00	709.70	388.00	715.63	.00	715.67	7.63	2.26	503.37	140.48
4.500	505.00	.00	.00	709.70	506.00	715.88	.00	715.92	8.29	2.42	631.13	175.78
4.500	505.00	.00	.00	709.70	599.00	716.04	.00	716.09	8.85	2.54	718.22	201.32
4.500	505.00	.00	.00	709.70	695.00	716.19	.00	716.24	9.20	2.64	809.25	229.13
4.500	505.00	.00	.00	709.70	931.00	716.54	.00	716.59	10.03	2.85	1010.03	294.02
*	4.580	430.00	.00	.00	709.90	179.00	.00	715.03	3.27	1.92	155.10	98.97
*	4.580	430.00	.00	.00	709.90	299.00	.00	715.61	2.95	1.97	318.73	174.20
*	4.580	430.00	.00	.00	709.90	388.00	.00	715.87	3.01	2.05	414.00	223.70
*	4.580	430.00	.00	.00	709.90	506.00	.00	716.11	3.13	2.16	525.65	285.90
*	4.580	430.00	.00	.00	709.90	599.00	.00	716.31	3.23	2.23	606.46	333.38
*	4.580	430.00	.00	.00	709.90	695.00	.00	716.47	3.30	2.30	686.73	382.39
*	4.580	430.00	.00	.00	709.90	931.00	.00	716.82	3.19	2.34	884.77	521.46
4.640	305.00	.00	.00	710.10	179.00	715.08	.00	715.12	2.59	1.72	157.04	111.31
4.640	305.00	.00	.00	710.10	299.00	715.67	.00	715.71	2.82	1.94	273.44	178.02
4.640	305.00	.00	.00	710.10	388.00	715.93	.00	715.97	3.15	2.12	327.56	218.62
4.640	305.00	.00	.00	710.10	506.00	716.20	.00	716.25	3.63	2.35	382.89	265.61
4.640	305.00	.00	.00	710.10	599.00	716.38	.00	716.43	4.01	2.52	419.05	299.12
4.640	305.00	.00	.00	710.10	695.00	716.54	.00	716.60	4.39	2.68	452.32	331.79
4.640	305.00	.00	.00	710.10	931.00	716.90	.00	716.97	5.18	3.02	525.01	409.07
4.650	50.00	.00	.00	710.20	158.00	715.11	.00	715.13	1.18	1.07	148.29	145.63
4.650	50.00	.00	.00	710.20	257.00	715.68	.00	715.72	1.91	1.50	171.83	186.16
4.650	50.00	.00	.00	710.20	329.00	715.94	.00	715.99	2.55	1.80	182.57	205.95
4.650	50.00	.00	.00	710.20	426.00	716.21	.00	716.28	3.54	2.20	193.29	226.49
4.650	50.00	.00	.00	710.20	502.00	716.38	.00	716.48	4.39	2.51	199.91	239.58
4.650	50.00	.00	.00	710.20	581.00	716.53	.00	716.66	5.30	2.82	206.23	252.32
4.650	50.00	.00	.00	710.20	772.00	716.87	.00	717.06	7.57	3.51	219.77	280.53

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
4.655	44.00	718.40	717.90	710.20	158.00	715.12	.00	715.14	1.17	1.06	148.57	146.08
4.655	44.00	718.40	717.90	710.20	257.00	715.69	.00	715.73	1.91	1.50	171.70	185.92
4.655	44.00	718.40	717.90	710.20	329.00	715.95	.00	716.00	2.56	1.80	182.48	205.79
4.655	44.00	718.40	717.90	710.20	426.00	716.22	.00	716.30	3.54	2.20	193.30	226.51
4.655	44.00	718.40	717.90	710.20	502.00	716.40	.00	716.49	4.33	2.50	200.73	241.22
4.655	44.00	718.40	717.90	710.20	581.00	716.56	.00	716.68	5.22	2.80	207.23	254.37
4.655	44.00	718.40	717.90	710.20	772.00	716.90	.00	717.09	7.41	3.49	221.24	283.67
4.660	45.00	.00	.00	710.20	158.00	715.12	.00	715.15	1.83	1.46	157.61	116.89
4.660	45.00	.00	.00	710.20	257.00	715.71	.00	715.74	2.07	1.67	273.84	178.56
4.660	45.00	.00	.00	710.20	329.00	716.00	.00	716.02	2.12	1.75	343.08	226.07
4.660	45.00	.00	.00	710.20	426.00	716.30	.00	716.32	2.26	1.87	414.79	283.57
4.660	45.00	.00	.00	710.20	502.00	716.50	.00	716.53	2.36	1.96	463.28	326.84
*	4.660	45.00	.00	710.20	581.00	716.69	.00	716.72	2.43	2.03	528.37	372.64
*	4.660	45.00	.00	710.20	772.00	717.13	.00	717.16	2.30	2.07	723.84	508.54
4.720	300.00	.00	.00	710.70	158.00	715.17	.00	715.20	1.69	1.40	142.60	121.59
4.720	300.00	.00	.00	710.70	257.00	715.77	.00	715.81	2.21	1.75	225.34	173.03
4.720	300.00	.00	.00	710.70	329.00	716.06	.00	716.10	2.51	1.93	281.04	207.79
4.720	300.00	.00	.00	710.70	426.00	716.36	.00	716.41	2.85	2.14	349.84	252.15
4.720	300.00	.00	.00	710.70	502.00	716.57	.00	716.62	3.09	2.28	399.65	285.36
4.720	300.00	.00	.00	710.70	581.00	716.77	.00	716.81	2.99	2.30	529.55	335.85
4.720	300.00	.00	.00	710.70	772.00	717.20	.00	717.23	2.32	2.12	846.19	506.65
*	4.730	50.00	.00	710.90	158.00	715.18	.00	715.22	3.80	1.47	107.78	81.05
*	4.730	50.00	.00	710.90	257.00	715.78	.00	715.83	5.40	1.89	136.34	110.56
*	4.730	50.00	.00	710.90	329.00	716.06	.00	716.14	6.44	2.18	150.93	129.62
*	4.730	50.00	.00	710.90	426.00	716.36	.00	716.46	7.99	2.56	166.27	150.69
*	4.730	50.00	.00	710.90	502.00	716.56	.00	716.68	9.28	2.85	176.16	164.82
*	4.730	50.00	.00	710.90	581.00	716.74	.00	716.89	10.56	3.13	185.67	178.79
*	4.730	50.00	.00	710.90	772.00	717.13	.00	717.35	13.45	3.74	206.41	210.47
4.735	15.00	723.00	720.90	710.90	158.00	715.19	.00	715.22	3.77	1.46	108.07	81.33
4.735	15.00	723.00	720.90	710.90	257.00	715.79	.00	715.84	5.35	1.88	136.74	111.07
4.735	15.00	723.00	720.90	710.90	329.00	716.08	.00	716.15	6.39	2.17	151.33	130.15
4.735	15.00	723.00	720.90	710.90	426.00	716.38	.00	716.48	7.88	2.55	167.04	151.78
4.735	15.00	723.00	720.90	710.90	502.00	716.59	.00	716.71	9.02	2.82	177.78	167.18
4.735	15.00	723.00	720.90	710.90	581.00	716.78	.00	716.93	10.20	3.09	187.75	181.88
4.735	15.00	723.00	720.90	710.90	772.00	717.19	.00	717.40	12.81	3.68	209.73	215.68
*	4.740	50.00	.00	710.90	158.00	715.22	.00	715.24	.91	1.04	226.62	165.77
*	4.740	50.00	.00	710.90	257.00	715.85	.00	715.87	1.02	1.21	425.59	253.85
*	4.740	50.00	.00	710.90	329.00	716.16	.00	716.18	1.07	1.29	564.91	317.93
*	4.740	50.00	.00	710.90	426.00	716.51	.00	716.52	1.09	1.36	749.06	407.28
*	4.740	50.00	.00	710.90	502.00	716.74	.00	716.76	1.05	1.37	893.41	490.26
*	4.740	50.00	.00	710.90	581.00	716.97	.00	716.98	.99	1.37	1031.52	582.85
*	4.740	50.00	.00	710.90	772.00	717.46	.00	717.47	.89	1.36	1342.40	819.87

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*K5	VCH	AREA	.01K
*	4.860	610.00	.00	.00	711.10	158.00	715.31	.00	715.34	3.14	1.85	153.75	89.14
*	4.860	610.00	.00	.00	711.10	257.00	715.94	.00	715.97	3.01	2.00	279.08	148.02
*	4.860	610.00	.00	.00	711.10	329.00	716.26	.00	716.29	3.03	2.09	359.57	189.02
*	4.860	610.00	.00	.00	711.10	426.00	716.60	.00	716.63	3.05	2.19	461.17	243.97
*	4.860	610.00	.00	.00	711.10	502.00	716.83	.00	716.86	2.93	2.20	537.27	293.50
*	4.860	610.00	.00	.00	711.10	581.00	717.05	.00	717.08	2.84	2.23	609.87	344.87
*	4.860	610.00	.00	.00	711.10	772.00	717.54	.00	717.57	2.64	2.26	775.38	475.17
	4.980	625.00	.00	.00	711.30	158.00	715.52	.00	715.58	4.28	2.18	124.59	76.38
	4.980	625.00	.00	.00	711.30	257.00	716.16	.00	716.21	4.48	2.45	221.32	121.43
	4.980	625.00	.00	.00	711.30	329.00	716.48	.00	716.53	4.61	2.59	285.56	153.31
	4.980	625.00	.00	.00	711.30	426.00	716.82	.00	716.87	4.52	2.68	366.41	200.41
	4.980	625.00	.00	.00	711.30	502.00	717.05	.00	717.10	4.44	2.73	425.54	238.32
	4.980	625.00	.00	.00	711.30	581.00	717.26	.00	717.31	4.36	2.77	485.54	278.18
	4.980	625.00	.00	.00	711.30	772.00	717.73	.00	717.78	4.10	2.83	632.72	381.20
*	5.090	600.00	.00	.00	711.50	158.00	715.72	.00	715.74	1.62	1.41	223.80	124.27
*	5.090	600.00	.00	.00	711.50	257.00	716.36	.00	716.37	1.62	1.55	370.54	201.74
*	5.090	600.00	.00	.00	711.50	329.00	716.68	.00	716.70	1.66	1.64	467.38	255.61
*	5.090	600.00	.00	.00	711.50	426.00	717.02	.00	717.03	1.64	1.70	596.29	332.67
*	5.090	600.00	.00	.00	711.50	502.00	717.24	.00	717.26	1.65	1.75	683.66	391.34
*	5.090	600.00	.00	.00	711.50	581.00	717.45	.00	717.47	1.65	1.79	768.09	452.27
*	5.090	600.00	.00	.00	711.50	772.00	717.91	.00	717.93	1.63	1.87	959.81	604.19
*	5.200	570.00	.00	.00	711.80	158.00	715.54	715.54	716.54	162.05	8.55	32.40	12.41
*	5.200	570.00	.00	.00	711.80	257.00	717.02	717.02	717.37	53.44	6.29	214.98	35.16
*	5.200	570.00	.00	.00	711.80	329.00	717.18	717.18	717.54	59.43	6.79	277.88	42.68
*	5.200	570.00	.00	.00	711.80	426.00	717.31	717.31	717.73	73.31	7.67	330.50	49.76
*	5.200	570.00	.00	.00	711.80	502.00	717.45	717.45	717.84	74.21	7.86	388.42	58.28
*	5.200	570.00	.00	.00	711.80	581.00	717.53	.00	717.95	82.40	8.38	424.97	64.01
*	5.200	570.00	.00	.00	711.80	772.00	718.07	.00	718.29	52.16	7.11	662.41	106.89
*	5.320	610.00	.00	.00	712.10	158.00	717.09	.00	717.10	1.23	1.29	755.91	142.60
*	5.320	610.00	.00	.00	712.10	257.00	717.72	.00	717.73	1.30	1.44	1116.43	225.01
*	5.320	610.00	.00	.00	712.10	329.00	717.94	.00	717.95	1.61	1.64	1247.20	259.45
*	5.320	610.00	.00	.00	712.10	426.00	718.20	.00	718.22	1.96	1.87	1405.90	304.59
*	5.320	610.00	.00	.00	712.10	502.00	718.36	.00	718.38	2.27	2.05	1500.47	333.15
*	5.320	610.00	.00	.00	712.10	581.00	718.53	.00	718.55	2.55	2.21	1598.45	364.00
*	5.320	610.00	.00	.00	712.10	772.00	718.86	.00	718.88	3.22	2.57	1796.91	430.29
*	5.420	550.00	.00	.00	712.30	158.00	717.18	.00	717.21	2.52	1.79	356.88	99.44
*	5.420	550.00	.00	.00	712.30	257.00	717.81	.00	717.84	2.93	2.10	591.43	150.20
*	5.420	550.00	.00	.00	712.30	329.00	718.05	.00	718.09	3.59	2.39	687.75	173.74
*	5.420	550.00	.00	.00	712.30	426.00	718.34	.00	718.39	4.27	2.70	812.33	206.05
*	5.420	550.00	.00	.00	712.30	502.00	718.52	.00	718.58	4.87	2.94	891.06	227.42
*	5.420	550.00	.00	.00	712.30	581.00	718.70	.00	718.77	5.35	3.14	974.68	251.20
*	5.420	550.00	.00	.00	712.30	772.00	719.08	.00	719.15	6.44	3.58	1149.03	304.13

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
*	5.540	620.00	.00	.00	712.60	158.00	717.31	.00	717.32	1.21	1.19	561.76	143.69
*	5.540	620.00	.00	.00	712.60	257.00	717.96	.00	717.98	1.48	1.44	811.66	211.36
*	5.540	620.00	.00	.00	712.60	329.00	718.24	.00	718.26	1.81	1.65	930.28	244.62
*	5.540	620.00	.00	.00	712.60	426.00	718.56	.00	718.59	2.19	1.88	1081.78	288.12
*	5.540	620.00	.00	.00	712.60	502.00	718.77	.00	718.80	2.46	2.04	1184.57	319.80
*	5.540	620.00	.00	.00	712.60	581.00	718.98	.00	719.01	2.70	2.19	1288.75	353.55
*	5.540	620.00	.00	.00	712.60	772.00	719.41	.00	719.45	3.24	2.50	1508.95	429.16
*	5.640	540.00	.00	.00	712.80	158.00	717.36	.00	717.36	.52	.77	1038.45	218.67
*	5.640	540.00	.00	.00	712.80	257.00	718.03	.00	718.03	.62	.92	1421.95	326.38
*	5.640	540.00	.00	.00	712.80	329.00	718.31	.00	718.32	.75	1.05	1597.77	380.36
*	5.640	540.00	.00	.00	712.80	426.00	718.66	.00	718.66	.90	1.20	1812.74	449.98
*	5.640	540.00	.00	.00	712.80	502.00	718.88	.00	718.88	1.01	1.31	1956.60	499.14
*	5.640	540.00	.00	.00	712.80	581.00	719.10	.00	719.10	1.11	1.41	2102.75	550.41
*	5.640	540.00	.00	.00	712.80	772.00	719.55	.00	719.56	1.35	1.62	2417.48	665.03
*	5.740	550.00	.00	.00	712.90	158.00	717.40	.00	717.42	2.12	1.56	454.18	108.45
*	5.740	550.00	.00	.00	712.90	257.00	718.08	.00	718.10	2.22	1.76	740.47	172.46
*	5.740	550.00	.00	.00	712.90	329.00	718.37	.00	718.40	2.53	1.95	880.90	207.04
*	5.740	550.00	.00	.00	712.90	426.00	718.73	.00	718.75	2.80	2.14	1060.83	254.67
*	5.740	550.00	.00	.00	712.90	502.00	718.96	.00	718.98	3.00	2.27	1184.23	289.93
*	5.740	550.00	.00	.00	712.90	581.00	719.18	.00	719.21	3.15	2.39	1308.91	327.26
*	5.740	550.00	.00	.00	712.90	772.00	719.65	.00	719.69	3.54	2.65	1562.86	410.39
*	5.830	500.00	.00	.00	713.10	158.00	717.46	.00	717.46	.28	.60	1249.43	299.45
*	5.830	500.00	.00	.00	713.10	257.00	718.13	.00	718.14	.34	.73	1700.56	440.23
*	5.830	500.00	.00	.00	713.10	329.00	718.44	.00	718.44	.41	.83	1920.11	513.71
*	5.830	500.00	.00	.00	713.10	426.00	718.80	.00	718.81	.49	.95	2187.18	608.63
*	5.830	500.00	.00	.00	713.10	502.00	719.04	.00	719.04	.55	1.04	2363.69	675.65
*	5.830	500.00	.00	.00	713.10	581.00	719.27	.00	719.28	.61	1.12	2537.61	744.57
*	5.830	500.00	.00	.00	713.10	772.00	719.75	.00	719.76	.74	1.30	2893.23	894.82
*	5.840	50.00	.00	.00	713.20	158.00	717.45	.00	717.48	2.62	1.41	111.96	97.58
*	5.840	50.00	.00	.00	713.20	257.00	718.11	.00	718.17	3.72	1.90	134.94	133.21
*	5.840	50.00	.00	.00	713.20	329.00	718.41	.00	718.49	4.76	2.26	145.34	150.74
*	5.840	50.00	.00	.00	713.20	426.00	718.75	.00	718.87	6.12	2.71	157.42	172.21
*	5.840	50.00	.00	.00	713.20	502.00	718.98	.00	719.12	7.24	3.04	165.20	186.62
*	5.840	50.00	.00	.00	713.20	581.00	719.19	.00	719.37	8.35	3.36	172.77	201.09
*	5.840	50.00	.00	.00	713.20	772.00	719.63	.00	719.90	11.07	4.10	188.27	232.05
	5.845	23.50	728.30	725.50	713.20	158.00	717.45	.00	717.48	2.65	1.42	111.66	97.15
	5.845	23.50	728.30	725.50	713.20	257.00	718.12	.00	718.18	3.72	1.90	134.94	133.21
	5.845	23.50	728.30	725.50	713.20	329.00	718.42	.00	718.50	4.74	2.26	145.53	151.08
	5.845	23.50	728.30	725.50	713.20	426.00	718.77	.00	718.88	6.09	2.70	157.67	172.66
	5.845	23.50	728.30	725.50	713.20	502.00	718.99	.00	719.14	7.19	3.03	165.50	187.19
	5.845	23.50	728.30	725.50	713.20	581.00	719.21	.00	719.39	8.23	3.35	173.52	202.55
	5.845	23.50	728.30	725.50	713.20	772.00	719.66	.00	719.92	10.87	4.08	189.30	234.18

	SECCO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
*	5.880	50.00	.00	.00	712.20	158.00	717.47	.00	717.49	.81	1.15	136.89	175.91
*	5.880	50.00	.00	.00	712.20	257.00	718.15	.00	718.19	1.43	1.66	154.40	214.98
*	5.880	50.00	.00	.00	712.20	329.00	718.45	.00	718.52	1.98	2.02	162.47	234.04
*	5.880	50.00	.00	.00	712.20	426.00	718.92	.00	718.92	.13	.54	4102.52	1190.39
*	5.880	50.00	.00	.00	712.20	502.00	719.18	.00	719.18	.15	.59	4401.14	1312.46
*	5.880	50.00	.00	.00	712.20	581.00	719.44	.00	719.44	.16	.64	4709.40	1439.49
*	5.880	50.00	.00	.00	712.20	772.00	720.00	.00	720.00	.20	.74	5414.03	1734.15
	5.885	180.50	723.10	718.80	712.20	158.00	717.47	.00	717.49	.80	1.15	137.11	176.38
	5.885	180.50	723.10	718.80	712.20	257.00	718.15	.00	718.19	1.42	1.66	154.73	215.74
	5.885	180.50	723.10	718.80	712.20	329.00	718.46	.00	718.52	1.97	2.02	162.74	234.68
*	5.885	180.50	723.10	718.80	712.20	426.00	718.97	.00	719.06	2.54	2.42	176.02	267.46
*	5.885	180.50	723.10	718.80	712.20	502.00	719.26	.00	719.38	3.06	2.73	183.69	287.16
*	5.885	180.50	723.10	718.80	712.20	581.00	719.57	.00	719.71	3.56	3.03	191.55	307.93
*	5.885	180.50	723.10	718.80	712.20	772.00	720.27	.00	720.48	4.65	3.68	209.72	358.16
*	5.890	60.00	.00	.00	712.10	158.00	717.50	.00	717.50	.06	.32	1095.00	627.35
*	5.890	60.00	.00	.00	712.10	257.00	718.21	.00	718.21	.10	.45	1306.69	794.04
*	5.890	60.00	.00	.00	712.10	329.00	718.54	.00	718.54	.14	.54	1406.94	878.58
*	5.890	60.00	.00	.00	712.10	426.00	719.08	.00	719.09	.17	.63	1570.58	1024.00
*	5.890	60.00	.00	.00	712.10	502.00	719.41	.00	719.42	.20	.70	1668.53	1115.32
*	5.890	60.00	.00	.00	712.10	581.00	719.75	.00	719.75	.23	.77	1769.36	1212.59
*	5.890	60.00	.00	.00	712.10	772.00	720.53	.00	720.54	.28	.92	2004.67	1452.09
*	5.990	580.00	.00	.00	712.20	158.00	717.50	.00	717.50	.01	.12	3743.66	1686.43
*	5.990	580.00	.00	.00	712.20	257.00	718.21	.00	718.21	.01	.17	4482.20	2162.31
*	5.990	580.00	.00	.00	712.20	329.00	718.55	.00	718.55	.02	.20	4835.49	2405.87
*	5.990	580.00	.00	.00	712.20	426.00	719.09	.00	719.09	.02	.23	5414.76	2826.72
*	5.990	580.00	.00	.00	712.20	502.00	719.42	.00	719.42	.03	.26	5764.17	3092.75
*	5.990	580.00	.00	.00	712.20	581.00	719.76	.00	719.76	.03	.28	6125.79	3377.35
*	5.990	580.00	.00	.00	712.20	772.00	720.55	.00	720.55	.04	.33	6973.47	4081.88
	6.110	635.00	.00	.00	712.30	158.00	717.50	.00	717.50	.01	.14	4051.77	1388.99
	6.110	635.00	.00	.00	712.30	257.00	718.21	.00	718.21	.02	.20	4848.19	1806.27
	6.110	635.00	.00	.00	712.30	329.00	718.55	.00	718.55	.03	.23	5233.28	2021.12
	6.110	635.00	.00	.00	712.30	426.00	719.09	.00	719.10	.03	.27	5866.17	2394.04
	6.110	635.00	.00	.00	712.30	502.00	719.42	.00	719.42	.04	.30	6246.36	2630.68
	6.110	635.00	.00	.00	712.30	581.00	719.76	.00	719.76	.04	.33	6637.75	2884.06
	6.110	635.00	.00	.00	712.30	772.00	720.55	.00	720.55	.05	.38	7550.31	3512.07

LITTLE MENOMONEE

SUMMARY PRINTOUT TABLE 150

	SECD	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	.100	462.00	697.36	.00	.00	.36	75.79	.00
	.100	654.00	698.30	.94	.00	.00	141.85	.00
	.100	802.00	699.85	1.55	.00	.00	223.39	.00
	.100	1041.00	700.45	.60	.00	.00	229.34	.00
	.100	1243.00	701.25	.80	.00	.00	252.53	.00
	.100	1465.00	701.90	.65	.00	.00	277.31	.00
	.100	2081.00	703.80	1.90	.00	.00	350.63	.00
*	.200	462.00	698.95	.00	1.59	.00	775.52	500.00
*	.200	654.00	699.35	.40	1.05	.00	801.16	500.00
*	.200	802.00	700.12	.76	.27	.00	849.47	500.00
*	.200	1041.00	700.68	.57	.23	.00	886.36	500.00
*	.200	1243.00	701.41	.73	.16	.00	936.79	500.00
*	.200	1465.00	702.04	.63	.14	.00	979.75	500.00
*	.200	2081.00	703.89	1.85	.09	.00	1049.74	500.00
*	.300	462.00	699.06	.00	.11	.00	737.56	500.00
	.300	654.00	699.46	.40	.11	.00	782.41	500.00
	.300	802.00	700.18	.71	.06	.00	862.18	500.00
	.300	1041.00	700.73	.56	.05	.00	922.85	500.00
	.300	1243.00	701.45	.72	.04	.00	991.17	500.00
	.300	1465.00	702.07	.62	.03	.00	1050.26	500.00
	.300	2081.00	703.91	1.84	.02	.00	1228.00	500.00
	.400	462.00	699.16	.00	.10	.00	626.88	500.00
	.400	654.00	699.56	.40	.10	.00	671.73	500.00
	.400	802.00	700.23	.67	.06	.00	744.04	500.00
	.400	1041.00	700.79	.55	.05	.00	796.51	500.00
	.400	1243.00	701.49	.70	.04	.00	843.75	500.00
	.400	1465.00	702.10	.61	.03	.00	885.09	500.00
	.400	2081.00	703.92	1.82	.02	.00	1006.62	500.00
*	.500	462.00	699.37	.00	.21	.00	576.30	500.00
*	.500	654.00	699.77	.40	.20	.00	614.55	500.00
*	.500	802.00	700.36	.59	.12	.00	670.71	500.00
*	.500	1041.00	700.89	.54	.11	.00	719.36	500.00
*	.500	1243.00	701.56	.67	.07	.00	777.10	500.00
*	.500	1465.00	702.16	.60	.06	.00	828.82	500.00
*	.500	2081.00	703.96	1.80	.03	.00	924.37	500.00
	.600	462.00	699.83	.00	.46	.00	438.66	500.00
	.600	654.00	700.22	.40	.45	.00	506.28	500.00
*	.600	802.00	700.66	.44	.30	.00	608.47	500.00
*	.600	1041.00	701.14	.49	.25	.00	645.40	500.00
*	.600	1243.00	701.73	.59	.17	.00	690.05	500.00
*	.600	1465.00	702.29	.56	.13	.00	732.60	500.00
*	.600	2081.00	704.02	1.73	.07	.00	857.68	500.00

SECNO	Q	CWSEL	DIFWSP	DIFMSX	DIFKWS	TOPWID	XLCH	
.700	462.00	700.32	.00	.50	.00	427.75	500.00	
.700	654.00	700.71	.39	.49	.00	538.90	500.00	
.700	802.00	701.04	.33	.38	.00	567.81	500.00	
.700	1041.00	701.46	.42	.31	.00	604.93	500.00	
.700	1243.00	701.95	.49	.22	.00	648.29	500.00	
.700	1465.00	702.45	.51	.16	.00	693.13	500.00	
.700	2081.00	704.09	1.64	.07	.00	831.06	500.00	
.800	462.00	700.77	.00	.45	.00	518.55	500.00	
.800	654.00	701.15	.38	.44	.00	563.67	500.00	
.800	802.00	701.42	.27	.38	.00	595.63	500.00	
.800	1041.00	701.79	.37	.33	.00	640.86	500.00	
.800	1243.00	702.19	.41	.24	.00	688.43	500.00	
.800	1465.00	702.64	.45	.19	.00	743.12	500.00	
.800	2081.00	704.17	1.53	.08	.00	969.05	500.00	
*	.880	462.00	700.98	.00	.21	.00	465.54	420.00
*	.880	654.00	701.35	.37	.20	.00	490.54	420.00
*	.880	802.00	701.60	.25	.19	.00	507.68	420.00
*	.880	1041.00	701.96	.35	.17	.00	531.66	420.00
*	.880	1243.00	702.33	.38	.14	.00	557.00	420.00
*	.880	1465.00	702.75	.42	.11	.00	866.32	420.00
*	.880	2081.00	704.22	1.46	.05	.00	1014.25	420.00
*	1.110	462.00	701.33	.00	.35	.00	106.84	1215.00
*	1.110	654.00	701.76	.43	.41	.00	109.86	1215.00
*	1.110	802.00	702.05	.29	.44	.00	111.86	1215.00
*	1.110	1041.00	702.44	.40	.49	.00	114.64	1215.00
*	1.110	1243.00	702.80	.35	.46	.00	117.06	1215.00
*	1.110	1465.00	703.18	.38	.42	.00	119.76	1215.00
*	1.110	2081.00	704.43	1.25	.21	.00	124.21	1215.00
	1.115	462.00	701.33	.00	.00	.00	106.86	91.20
	1.115	654.00	701.76	.43	.00	.00	109.87	91.20
	1.115	802.00	702.05	.29	.00	.00	111.87	91.20
	1.115	1041.00	702.45	.40	.00	.00	114.66	91.20
	1.115	1243.00	702.80	.35	.00	.00	117.14	91.20
	1.115	1465.00	703.18	.38	.00	.00	119.79	91.20
	1.115	2081.00	704.43	1.25	.00	.00	124.22	91.20
*	1.120	462.00	701.36	.00	.03	.00	457.77	50.00
	1.120	654.00	701.81	.45	.05	.00	485.00	50.00
	1.120	802.00	702.12	.31	.07	.00	485.00	50.00
	1.120	1041.00	702.55	.43	.10	.00	485.00	50.00
	1.120	1243.00	702.92	.38	.12	.00	485.00	50.00
*	1.120	1465.00	703.32	.40	.14	.00	485.00	50.00
*	1.120	2081.00	704.61	1.28	.17	.00	485.00	50.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH	
1.220	462.00	701.86	.00	.50	.00	628.60	500.00	
1.220	654.00	702.27	.40	.45	.00	647.49	500.00	
1.220	802.00	702.54	.27	.42	.00	660.23	500.00	
1.220	1041.00	702.94	.40	.39	.00	674.16	500.00	
1.220	1243.00	703.28	.34	.36	.00	684.83	500.00	
1.220	1465.00	703.65	.37	.33	.00	696.57	500.00	
1.220	2081.00	704.83	1.18	.22	.00	729.00	500.00	
1.290	462.00	702.12	.00	.26	.00	583.25	310.00	
1.290	654.00	702.52	.40	.25	.00	621.05	310.00	
1.290	802.00	702.79	.27	.25	.00	646.30	310.00	
1.290	1041.00	703.18	.39	.24	.00	681.54	310.00	
1.290	1243.00	703.51	.33	.23	.00	711.03	310.00	
1.290	1465.00	703.86	.35	.21	.00	741.52	310.00	
1.290	2081.00	704.98	1.11	.15	.00	788.00	310.00	
*	1.440	462.00	702.75	.00	.62	.00	670.00	680.00
*	1.440	654.00	703.18	.44	.66	.00	670.00	680.00
*	1.440	802.00	703.46	.27	.67	.00	670.00	680.00
*	1.440	1041.00	703.85	.39	.67	.00	670.00	680.00
*	1.440	1243.00	704.16	.31	.64	.00	670.00	680.00
*	1.440	1465.00	704.48	.32	.61	.00	670.00	680.00
*	1.440	2081.00	705.43	.96	.46	.00	670.00	680.00
1.450	462.00	702.79	.00	.04	.00	32.00	50.00	
1.450	654.00	703.20	.41	.02	.00	32.00	50.00	
1.450	802.00	703.45	.24	-.01	.00	32.00	50.00	
*	1.450	1041.00	703.78	.33	-.07	.00	32.00	50.00
*	1.450	1243.00	704.02	.25	-.13	.00	32.00	50.00
*	1.450	1465.00	704.26	.24	-.21	.00	32.00	50.00
*	1.450	2081.00	704.97	.71	-.46	.00	32.00	50.00
1.455	462.00	702.84	.00	.05	.00	32.00	39.00	
1.455	654.00	703.28	.44	.08	.00	32.00	39.00	
1.455	802.00	703.55	.27	.10	.00	32.00	39.00	
1.455	1041.00	703.93	.38	.15	.00	32.00	39.00	
1.455	1243.00	704.22	.29	.20	.00	32.00	39.00	
1.455	1465.00	704.52	.30	.26	.00	32.00	39.00	
1.455	2081.00	705.40	.88	.43	.00	32.00	39.00	
*	1.460	462.00	703.00	.00	.16	.00	666.68	55.00
*	1.460	654.00	703.55	.55	.27	.00	714.34	55.00
*	1.460	802.00	703.92	.37	.37	.00	746.09	55.00
*	1.460	1041.00	704.47	.55	.54	.00	793.90	55.00
*	1.460	1243.00	704.93	.45	.70	.00	827.27	55.00
*	1.460	1465.00	705.41	.49	.89	.00	860.64	55.00
*	1.460	2081.00	706.81	1.40	1.40	.00	948.55	55.00

	SECD	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	1.550	462.00	703.19	.00	.19	.00	134.67	500.00
*	1.550	654.00	703.71	.52	.15	.00	182.99	500.00
*	1.550	802.00	704.06	.35	.14	.00	184.59	500.00
*	1.550	1041.00	704.59	.53	.12	.00	186.96	500.00
*	1.550	1243.00	705.04	.45	.11	.00	421.55	500.00
*	1.550	1465.00	705.52	.48	.11	.00	452.82	500.00
*	1.550	2081.00	706.89	1.37	.08	.00	530.81	500.00
*	1.570	462.00	703.43	.00	.24	.00	106.14	105.00
*	1.570	654.00	703.99	.56	.29	.00	108.71	105.00
*	1.570	802.00	704.35	.36	.29	.00	110.33	105.00
*	1.570	1041.00	704.87	.52	.28	.00	115.06	105.00
*	1.570	1243.00	705.27	.39	.23	.00	119.80	105.00
*	1.570	1465.00	705.69	.42	.17	.00	119.80	105.00
*	1.570	2081.00	706.94	1.26	.05	.00	119.80	105.00
	1.575	462.00	703.43	.00	.00	.00	106.15	91.00
	1.575	654.00	703.99	.56	.00	.00	108.72	91.00
	1.575	802.00	704.35	.36	.00	.00	110.34	91.00
	1.575	1041.00	704.87	.52	.00	.00	115.07	91.00
	1.575	1243.00	705.27	.39	.00	.00	119.80	91.00
	1.575	1465.00	705.69	.42	.00	.00	119.80	91.00
	1.575	2081.00	706.95	1.26	.00	.00	119.80	91.00
*	1.600	462.00	703.43	.00	.00	.00	131.18	175.00
*	1.600	654.00	704.00	.57	.00	.00	195.05	175.00
*	1.600	802.00	704.37	.37	.02	.00	236.06	175.00
*	1.600	1041.00	704.92	.56	.05	.00	363.11	175.00
*	1.600	1243.00	705.34	.42	.08	.00	374.64	175.00
*	1.600	1465.00	705.78	.44	.09	.00	387.08	175.00
*	1.600	2081.00	707.07	1.29	.12	.00	445.63	175.00
*	1.700	462.00	703.98	.00	.56	.00	521.89	500.00
*	1.700	654.00	704.58	.59	.58	.00	692.03	500.00
*	1.700	802.00	704.93	.35	.56	.00	744.28	500.00
*	1.700	1041.00	705.41	.48	.49	.00	796.82	500.00
*	1.700	1243.00	705.77	.36	.43	.00	835.55	500.00
*	1.700	1465.00	706.15	.38	.37	.00	876.34	500.00
*	1.700	2081.00	707.31	1.15	.24	.00	976.00	500.00
*	1.800	462.00	704.34	.00	.36	.00	86.81	500.00
*	1.800	654.00	704.90	.55	.32	.00	442.49	500.00
*	1.800	802.00	705.22	.32	.29	.00	479.59	500.00
*	1.800	1041.00	705.66	.44	.25	.00	530.90	500.00
*	1.800	1243.00	706.00	.34	.23	.00	570.35	500.00
*	1.800	1465.00	706.36	.36	.20	.00	612.03	500.00
*	1.800	2081.00	707.44	1.08	.13	.00	757.01	500.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH	
1.900	462.00	705.05	.00	.71	.00	361.37	500.00	
1.900	654.00	705.64	.59	.75	.00	491.54	500.00	
1.900	802.00	705.93	.29	.72	.00	555.83	500.00	
1.900	1041.00	706.32	.38	.66	.00	640.47	500.00	
1.900	1243.00	706.60	.29	.60	.00	703.27	500.00	
1.900	1465.00	706.90	.29	.54	.00	724.91	500.00	
1.900	2081.00	707.78	.88	.34	.00	790.07	500.00	
2.000	462.00	706.00	.00	.95	.00	174.14	500.00	
2.000	654.00	706.48	.48	.84	.00	207.87	500.00	
2.000	802.00	706.75	.27	.82	.00	830.95	500.00	
2.000	1041.00	707.07	.32	.76	.00	841.19	500.00	
2.000	1243.00	707.31	.23	.70	.00	848.66	500.00	
2.000	1465.00	707.54	.23	.64	.00	855.96	500.00	
2.000	2081.00	708.21	.68	.44	.00	870.00	500.00	
2.100	462.00	706.98	.00	.98	.00	502.33	500.00	
2.100	654.00	707.52	.53	1.03	.00	606.56	500.00	
2.100	802.00	707.80	.28	1.05	.00	661.55	500.00	
2.100	1041.00	708.10	.30	1.02	.00	687.22	500.00	
2.100	1243.00	708.30	.21	1.00	.00	695.76	500.00	
2.100	1465.00	708.51	.20	.97	.00	700.00	500.00	
*	2.100	2081.00	709.01	.50	.79	.00	700.00	500.00
*	2.200	462.00	707.81	.00	.83	.00	491.03	500.00
*	2.200	654.00	708.32	.51	.80	.00	555.45	500.00
*	2.200	802.00	708.62	.30	.82	.00	638.44	500.00
*	2.200	1041.00	708.99	.37	.89	.00	700.60	500.00
*	2.200	1243.00	709.26	.27	.95	.00	744.87	500.00
*	2.200	1465.00	709.51	.26	1.01	.00	763.32	500.00
*	2.200	2081.00	710.12	.61	1.12	.00	767.00	500.00
2.300	462.00	708.34	.00	.53	.00	112.55	500.00	
2.300	654.00	708.89	.55	.57	.00	302.75	500.00	
2.300	802.00	709.22	.32	.60	.00	341.45	500.00	
2.300	1041.00	709.63	.41	.64	.00	390.51	500.00	
2.300	1243.00	709.93	.30	.67	.00	425.29	500.00	
2.300	1465.00	710.21	.28	.69	.00	459.47	500.00	
2.300	2081.00	710.86	.65	.74	.00	573.47	500.00	
2.400	462.00	709.08	.00	.75	.00	240.69	500.00	
2.400	654.00	709.67	.59	.78	.00	295.97	500.00	
2.400	802.00	710.00	.33	.78	.00	397.36	500.00	
2.400	1041.00	710.42	.42	.79	.00	500.51	500.00	
2.400	1243.00	710.71	.29	.79	.00	580.03	500.00	
2.400	1465.00	710.99	.28	.78	.00	594.08	500.00	
2.400	2081.00	711.62	.63	.76	.00	625.98	500.00	

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	2.410	462.00	709.20	.00	.12	.00	228.03	50.00
*	2.410	654.00	709.75	.55	.08	.00	311.95	50.00
*	2.410	802.00	710.07	.31	.07	.00	429.46	50.00
*	2.410	1041.00	710.47	.40	.05	.00	510.99	50.00
*	2.410	1243.00	710.75	.28	.04	.00	527.77	50.00
*	2.410	1465.00	711.02	.27	.04	.00	541.85	50.00
*	2.410	2081.00	711.65	.63	.03	.00	574.41	50.00
	2.415	462.00	709.37	.00	.17	.00	33.00	80.00
	2.415	654.00	710.13	.76	.38	.00	451.54	80.00
	2.415	802.00	710.44	.31	.38	.00	509.06	80.00
	2.415	1041.00	710.78	.34	.31	.00	529.38	80.00
	2.415	1243.00	711.00	.22	.25	.00	540.58	80.00
	2.415	1465.00	711.20	.20	.18	.00	551.01	80.00
	2.415	2081.00	711.70	.50	.05	.00	577.16	80.00
*	2.580	462.00	709.61	.00	.24	.00	97.18	900.00
*	2.580	654.00	710.28	.68	.15	.00	105.90	900.00
	2.580	802.00	710.65	.37	.21	.00	147.74	900.00
	2.580	1041.00	711.05	.39	.27	.00	161.88	900.00
	2.580	1243.00	711.30	.25	.30	.00	162.74	900.00
	2.580	1465.00	711.55	.25	.35	.00	163.56	900.00
	2.580	2081.00	712.15	.60	.45	.00	165.60	900.00
	2.585	462.00	709.61	.00	.00	.00	97.18	165.00
	2.585	654.00	710.29	.68	.00	.00	105.96	165.00
	2.585	802.00	710.65	.37	.00	.00	147.74	165.00
	2.585	1041.00	711.05	.39	.00	.00	161.88	165.00
	2.585	1243.00	711.30	.26	.00	.00	162.74	165.00
	2.585	1465.00	711.55	.25	.00	.00	163.57	165.00
	2.585	2081.00	712.15	.61	.00	.00	165.61	165.00
	2.620	462.00	709.66	.00	.06	.00	110.11	910.00
	2.620	654.00	710.36	.70	.08	.00	115.29	910.00
*	2.620	802.00	710.76	.40	.11	.00	1022.06	910.00
*	2.620	1041.00	711.18	.42	.13	.00	1057.41	910.00
*	2.620	1243.00	711.46	.28	.15	.00	1080.48	910.00
*	2.620	1465.00	711.73	.27	.18	.00	1102.89	910.00
*	2.620	2081.00	712.39	.66	.23	.00	1158.04	910.00
	2.625	462.00	709.66	.00	.00	.00	90.00	42.50
	2.625	654.00	710.37	.70	.00	.00	104.70	42.50
	2.625	802.00	710.77	.41	.01	.00	1023.12	42.50
	2.625	1041.00	711.22	.45	.04	.00	1060.37	42.50
	2.625	1243.00	711.52	.30	.06	.00	1085.61	42.50
	2.625	1465.00	711.82	.30	.10	.00	1110.86	42.50
	2.625	2081.00	712.60	.78	.22	.00	1176.59	42.50

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH	
*	2.750	462.00	709.70	.00	.03	.00	676.94	500.00
	2.750	654.00	710.41	.71	.05	.00	851.07	500.00
	2.750	802.00	710.82	.41	.05	.00	940.51	500.00
	2.750	1041.00	711.27	.45	.05	.00	997.99	500.00
	2.750	1243.00	711.57	.30	.05	.00	1036.68	500.00
	2.750	1465.00	711.87	.30	.05	.00	1074.69	500.00
	2.750	2081.00	712.64	.77	.04	.00	1172.37	500.00
	2.850	462.00	709.77	.00	.07	.00	714.35	500.00
	2.850	654.00	710.45	.68	.03	.00	917.68	500.00
	2.850	802.00	710.85	.40	.03	.00	989.25	500.00
	2.850	1041.00	711.29	.44	.02	.00	1032.24	500.00
	2.850	1243.00	711.59	.30	.02	.00	1061.16	500.00
	2.850	1465.00	711.89	.30	.02	.00	1089.95	500.00
	2.850	2081.00	712.66	.77	.02	.00	1161.82	500.00
	2.950	462.00	709.86	.00	.09	.00	570.54	500.00
	2.950	654.00	710.50	.63	.05	.00	739.93	500.00
	2.950	802.00	710.88	.39	.03	.00	965.92	500.00
	2.950	1041.00	711.32	.44	.03	.00	1044.13	500.00
	2.950	1243.00	711.62	.30	.03	.00	1097.30	500.00
	2.950	1465.00	711.91	.30	.02	.00	1150.44	500.00
	2.950	2081.00	712.68	.77	.02	.00	1285.25	500.00
	3.050	462.00	710.01	.00	.15	.00	493.14	500.00
	3.050	654.00	710.58	.57	.09	.00	811.70	500.00
	3.050	802.00	710.94	.36	.06	.00	881.82	500.00
	3.050	1041.00	711.37	.42	.05	.00	952.63	500.00
	3.050	1243.00	711.66	.29	.04	.00	1002.81	500.00
	3.050	1465.00	711.95	.29	.04	.00	1053.14	500.00
	3.050	2081.00	712.71	.76	.03	.00	1176.21	500.00
*	3.150	179.00	710.16	.00	.15	.00	430.61	500.00
*	3.150	299.00	710.69	.52	.11	.00	510.66	500.00
*	3.150	388.00	711.02	.34	.08	.00	612.71	500.00
*	3.150	506.00	711.43	.41	.07	.00	737.04	500.00
*	3.150	599.00	711.72	.29	.06	.00	824.10	500.00
*	3.150	695.00	712.01	.29	.06	.00	911.83	500.00
*	3.150	931.00	712.76	.75	.05	.00	1141.97	500.00
	3.250	179.00	710.22	.00	.06	.00	539.18	500.00
	3.250	299.00	710.75	.53	.07	.00	699.46	500.00
	3.250	388.00	711.09	.33	.06	.00	745.17	500.00
	3.250	506.00	711.49	.41	.06	.00	798.34	500.00
	3.250	599.00	711.78	.28	.06	.00	835.85	500.00
	3.250	695.00	712.06	.29	.05	.00	873.69	500.00
	3.250	931.00	712.80	.74	.04	.00	964.78	500.00

	SECD	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	3.350	179.00	710.27	.00	.05	.00	229.90	500.00
*	3.350	299.00	710.81	.54	.05	.00	449.22	500.00
	3.350	388.00	711.14	.33	.05	.00	496.82	500.00
	3.350	506.00	711.54	.40	.05	.00	555.29	500.00
	3.350	599.00	711.83	.28	.05	.00	595.69	500.00
	3.350	695.00	712.11	.28	.05	.00	636.21	500.00
	3.350	931.00	712.84	.73	.04	.00	726.75	500.00
	3.450	179.00	710.30	.00	.02	.00	180.00	500.00
	3.450	299.00	710.85	.55	.04	.00	489.09	500.00
	3.450	388.00	711.18	.34	.04	.00	540.26	500.00
	3.450	506.00	711.59	.41	.05	.00	602.31	500.00
	3.450	599.00	711.88	.28	.05	.00	645.33	500.00
	3.450	695.00	712.16	.28	.05	.00	688.35	500.00
	3.450	931.00	712.88	.72	.04	.00	773.13	500.00
	3.550	179.00	710.33	.00	.03	.00	85.13	500.00
	3.550	299.00	710.89	.57	.04	.00	432.99	500.00
	3.550	388.00	711.24	.34	.05	.00	472.80	500.00
	3.550	506.00	711.65	.41	.05	.00	520.15	500.00
	3.550	599.00	711.93	.29	.06	.00	553.17	500.00
	3.550	695.00	712.21	.28	.06	.00	585.94	500.00
	3.550	931.00	712.93	.71	.05	.00	648.75	500.00
	3.610	179.00	710.35	.00	.03	.00	64.72	320.00
	3.610	299.00	710.93	.58	.04	.00	440.51	320.00
	3.610	388.00	711.28	.35	.05	.00	461.27	320.00
	3.610	506.00	711.69	.41	.05	.00	485.73	320.00
	3.610	599.00	711.98	.29	.05	.00	502.46	320.00
	3.610	695.00	712.26	.28	.05	.00	519.29	320.00
	3.610	931.00	712.97	.71	.04	.00	561.34	320.00
*	3.620	179.00	710.34	.00	-.01	.00	40.20	50.00
*	3.620	299.00	710.91	.57	-.02	.00	40.20	50.00
*	3.620	388.00	711.25	.33	-.04	.00	40.20	50.00
*	3.620	506.00	711.63	.39	-.06	.00	40.20	50.00
*	3.620	599.00	711.90	.27	-.08	.00	40.20	50.00
*	3.620	695.00	712.16	.26	-.10	.00	40.20	50.00
*	3.620	931.00	712.82	.66	-.15	.00	40.20	50.00
	3.625	179.00	710.37	.00	.03	.00	40.20	43.00
	3.625	299.00	710.95	.58	.04	.00	40.20	43.00
	3.625	388.00	711.29	.34	.05	.00	40.20	43.00
	3.625	506.00	711.69	.40	.06	.00	40.20	43.00
	3.625	599.00	711.96	.27	.06	.00	40.20	43.00
	3.625	695.00	712.23	.27	.07	.00	40.20	43.00
	3.625	931.00	712.90	.67	.08	.00	40.20	43.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	3.630	179.00	710.36	.00	-.01	.00	35.45	40.00
	3.630	299.00	710.96	.59	.00	.00	296.65	40.00
	3.630	388.00	711.34	.38	.04	.00	333.78	40.00
	3.630	506.00	711.85	.52	.16	.00	384.45	40.00
	3.630	599.00	712.20	.34	.24	.00	418.16	40.00
*	3.630	695.00	712.53	.33	.30	.00	450.63	40.00
*	3.630	931.00	713.33	.80	.43	.00	485.64	40.00
	3.690	179.00	710.65	.00	.29	.00	68.23	230.00
	3.690	299.00	711.31	.66	.36	.00	274.91	230.00
	3.690	388.00	711.63	.31	.29	.00	372.54	230.00
	3.690	506.00	712.06	.43	.20	.00	507.09	230.00
	3.690	599.00	712.37	.31	.17	.00	604.55	230.00
	3.690	695.00	712.68	.31	.15	.00	683.69	230.00
	3.690	931.00	713.43	.75	.10	.00	760.59	230.00
*	3.700	179.00	710.76	.00	.11	.00	74.00	50.00
*	3.700	299.00	711.44	.68	.13	.00	74.00	50.00
*	3.700	388.00	711.75	.31	.12	.00	74.00	50.00
*	3.700	506.00	712.14	.39	.08	.00	74.00	50.00
*	3.700	599.00	712.42	.28	.05	.00	74.00	50.00
*	3.700	695.00	712.69	.28	.02	.00	74.00	50.00
*	3.700	931.00	713.46	.76	.03	.00	762.69	50.00
	3.705	179.00	710.76	.00	.00	.00	74.00	92.70
	3.705	299.00	711.44	.68	.00	.00	74.00	92.70
	3.705	388.00	711.75	.31	.00	.00	74.00	92.70
	3.705	506.00	712.14	.39	.00	.00	74.00	92.70
	3.705	599.00	712.42	.28	.00	.00	74.00	92.70
	3.705	695.00	712.70	.28	.00	.00	74.00	92.70
*	3.705	931.00	713.53	.84	.07	.00	74.00	92.70
*	3.710	179.00	710.74	.00	-.02	.00	36.95	75.00
*	3.710	299.00	711.40	.67	-.04	.00	41.63	75.00
*	3.710	388.00	711.70	.29	-.05	.00	43.70	75.00
*	3.710	506.00	712.07	.37	-.07	.00	46.31	75.00
*	3.710	599.00	712.34	.27	-.08	.00	48.17	75.00
*	3.710	695.00	712.62	.28	-.08	.00	647.57	75.00
*	3.710	931.00	713.62	1.01	.09	.00	890.54	75.00
	3.810	179.00	711.57	.00	.84	.00	45.06	530.00
	3.810	299.00	712.45	.87	1.04	.00	58.56	530.00
*	3.810	388.00	712.88	.44	1.18	.00	305.49	530.00
*	3.810	506.00	713.30	.42	1.23	.00	379.14	530.00
*	3.810	599.00	713.58	.28	1.24	.00	427.55	530.00
*	3.810	695.00	713.82	.25	1.21	.00	472.40	530.00
*	3.810	931.00	714.08	.25	.45	.00	516.20	530.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	3.910	179.00	711.97	.00	.40	.00	172.66	510.00
*	3.910	299.00	712.83	.86	.38	.00	263.60	510.00
*	3.910	388.00	713.24	.41	.36	.00	282.51	510.00
*	3.910	506.00	713.62	.38	.32	.00	299.75	510.00
*	3.910	599.00	713.87	.25	.29	.00	311.24	510.00
*	3.910	695.00	714.09	.23	.27	.00	321.65	510.00
*	3.910	931.00	714.40	.31	.33	.00	335.93	510.00
*	4.020	179.00	712.33	.00	.35	.00	194.61	545.00
*	4.020	299.00	713.05	.73	.22	.00	350.84	545.00
	4.020	388.00	713.43	.38	.19	.00	405.84	545.00
	4.020	506.00	713.80	.37	.18	.00	459.70	545.00
	4.020	599.00	714.05	.25	.18	.00	495.95	545.00
	4.020	695.00	714.27	.23	.18	.00	529.09	545.00
	4.020	931.00	714.62	.35	.22	.00	578.09	545.00
	4.120	179.00	712.98	.00	.66	.00	205.75	520.00
	4.120	299.00	713.47	.49	.42	.00	288.05	520.00
*	4.120	388.00	713.77	.29	.34	.00	336.94	520.00
*	4.120	506.00	714.09	.32	.29	.00	390.67	520.00
*	4.120	599.00	714.31	.23	.27	.00	428.28	520.00
*	4.120	695.00	714.52	.21	.25	.00	463.40	520.00
	4.120	931.00	714.88	.36	.26	.00	510.05	520.00
*	4.130	179.00	713.05	.00	.07	.00	40.60	50.00
	4.130	299.00	713.51	.46	.04	.00	40.60	50.00
	4.130	388.00	713.79	.28	.03	.00	40.60	50.00
	4.130	506.00	714.10	.31	.01	.00	40.60	50.00
	4.130	599.00	714.31	.21	-.01	.00	40.60	50.00
*	4.130	695.00	714.50	.19	-.02	.00	40.60	50.00
*	4.130	931.00	714.81	.31	-.07	.00	40.60	50.00
	4.135	179.00	713.06	.00	.02	.00	40.60	44.00
	4.135	299.00	713.54	.48	.03	.00	40.60	44.00
	4.135	388.00	713.83	.29	.04	.00	40.60	44.00
	4.135	506.00	714.15	.32	.05	.00	40.60	44.00
	4.135	599.00	714.37	.22	.07	.00	40.60	44.00
	4.135	695.00	714.58	.21	.08	.00	40.60	44.00
	4.135	931.00	714.93	.35	.12	.00	40.60	44.00
	4.140	179.00	713.07	.00	.00	.00	239.68	40.00
	4.140	299.00	713.56	.50	.02	.00	285.47	40.00
	4.140	388.00	713.88	.32	.05	.00	313.95	40.00
	4.140	506.00	714.26	.38	.11	.00	349.25	40.00
	4.140	599.00	714.52	.27	.15	.00	373.99	40.00
*	4.140	695.00	714.78	.26	.20	.00	397.85	40.00
*	4.140	931.00	715.27	.49	.34	.00	443.84	40.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH	
4.280	179.00	713.59	.00	.53	.00	63.29	735.00	
4.280	299.00	714.21	.62	.65	.00	88.25	735.00	
4.280	388.00	714.56	.35	.68	.00	102.57	735.00	
4.280	506.00	714.91	.34	.65	.00	838.01	735.00	
4.280	599.00	715.14	.23	.61	.00	848.99	735.00	
4.280	695.00	715.35	.21	.57	.00	859.25	735.00	
4.280	931.00	715.78	.44	.51	.00	880.43	735.00	
4.410	179.00	714.26	.00	.67	.00	36.63	680.00	
4.410	299.00	714.99	.73	.78	.00	704.91	680.00	
4.410	388.00	715.32	.33	.76	.00	735.32	680.00	
4.410	506.00	715.58	.26	.67	.00	759.21	680.00	
4.410	599.00	715.74	.15	.60	.00	773.42	680.00	
4.410	695.00	715.88	.15	.54	.00	787.21	680.00	
4.410	931.00	716.23	.35	.45	.00	818.57	680.00	
4.500	179.00	714.75	.00	.49	.00	338.72	505.00	
4.500	299.00	715.38	.63	.39	.00	444.48	505.00	
4.500	388.00	715.63	.25	.31	.00	486.55	505.00	
4.500	506.00	715.88	.25	.30	.00	528.83	505.00	
4.500	599.00	716.04	.16	.30	.00	555.81	505.00	
4.500	695.00	716.19	.15	.31	.00	582.67	505.00	
4.500	931.00	716.54	.35	.31	.00	637.94	505.00	
*	4.580	179.00	714.99	.00	.24	.00	209.96	430.00
*	4.580	299.00	715.58	.60	.21	.00	339.02	430.00
*	4.580	388.00	715.84	.26	.21	.00	395.21	430.00
*	4.580	506.00	716.11	.26	.23	.00	452.26	430.00
*	4.580	599.00	716.28	.17	.24	.00	489.41	430.00
*	4.580	695.00	716.44	.16	.25	.00	523.72	430.00
*	4.580	931.00	716.79	.35	.25	.00	579.61	430.00
4.640	179.00	715.08	.00	.10	.00	172.93	305.00	
4.640	299.00	715.67	.59	.09	.00	205.00	305.00	
4.640	388.00	715.93	.26	.09	.00	205.00	305.00	
4.640	506.00	716.20	.27	.10	.00	205.00	305.00	
4.640	599.00	716.38	.18	.10	.00	205.00	305.00	
4.640	695.00	716.54	.16	.11	.00	205.00	305.00	
4.640	931.00	716.90	.35	.11	.00	205.00	305.00	
4.650	158.00	715.11	.00	.03	.00	40.60	50.00	
4.650	257.00	715.68	.57	.01	.00	40.60	50.00	
4.650	329.00	715.94	.26	.01	.00	40.60	50.00	
4.650	426.00	716.21	.26	.00	.00	40.60	50.00	
4.650	502.00	716.38	.17	.00	.00	40.60	50.00	
4.650	581.00	716.53	.16	-.01	.00	40.60	50.00	
*	4.650	772.00	716.87	.33	-.03	.00	40.60	50.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
4.655	158.00	715.12	.00	.01	.00	40.60	44.00
4.655	257.00	715.69	.57	.01	.00	40.60	44.00
4.655	329.00	715.95	.26	.01	.00	40.60	44.00
4.655	426.00	716.22	.27	.02	.00	40.60	44.00
4.655	502.00	716.40	.18	.02	.00	40.60	44.00
4.655	581.00	716.56	.16	.02	.00	40.60	44.00
4.655	772.00	716.90	.35	.04	.00	40.60	44.00
4.660	158.00	715.12	.00	.00	.00	145.93	45.00
4.660	257.00	715.71	.59	.02	.00	237.66	45.00
4.660	329.00	716.00	.28	.04	.00	238.09	45.00
4.660	426.00	716.30	.30	.07	.00	238.54	45.00
4.660	502.00	716.50	.20	.10	.00	238.85	45.00
* 4.660	581.00	716.69	.19	.14	.00	442.34	45.00
* 4.660	772.00	717.13	.44	.23	.00	453.25	45.00
4.720	158.00	715.17	.00	.05	.00	102.13	300.00
4.720	257.00	715.77	.60	.06	.00	171.65	300.00
4.720	329.00	716.06	.29	.06	.00	205.60	300.00
4.720	426.00	716.36	.31	.07	.00	241.03	300.00
4.720	502.00	716.57	.21	.07	.00	263.73	300.00
4.720	581.00	716.77	.20	.07	.00	731.45	300.00
4.720	772.00	717.20	.43	.07	.00	740.00	300.00
* 4.730	158.00	715.18	.00	.01	.00	44.45	50.00
* 4.730	257.00	715.78	.60	.01	.00	50.25	50.00
* 4.730	329.00	716.06	.28	.00	.00	51.01	50.00
* 4.730	426.00	716.36	.30	-.01	.00	51.80	50.00
* 4.730	502.00	716.56	.20	-.01	.00	52.30	50.00
* 4.730	581.00	716.74	.18	-.03	.00	52.78	50.00
* 4.730	772.00	717.13	.39	-.07	.00	53.81	50.00
4.735	158.00	715.19	.00	.01	.00	44.52	15.00
4.735	257.00	715.79	.60	.01	.00	50.27	15.00
4.735	329.00	716.08	.29	.02	.00	51.03	15.00
4.735	426.00	716.38	.31	.02	.00	51.84	15.00
4.735	502.00	716.59	.21	.03	.00	52.38	15.00
4.735	581.00	716.78	.19	.04	.00	52.89	15.00
4.735	772.00	717.19	.41	.06	.00	53.97	15.00
* 4.740	158.00	715.22	.00	.03	.00	224.37	50.00
* 4.740	257.00	715.85	.63	.06	.00	401.96	50.00
* 4.740	329.00	716.16	.31	.09	.00	489.33	50.00
* 4.740	426.00	716.51	.34	.12	.00	585.14	50.00
* 4.740	502.00	716.74	.24	.16	.00	615.50	50.00
* 4.740	581.00	716.97	.22	.19	.00	622.42	50.00
* 4.740	772.00	717.46	.49	.27	.00	637.71	50.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	4.860	158.00	715.31	.00	.08	.00	158.06	610.00
*	4.860	257.00	715.94	.64	.09	.00	235.72	610.00
*	4.860	329.00	716.26	.32	.09	.00	274.23	610.00
*	4.860	426.00	716.60	.34	.09	.00	323.05	610.00
*	4.860	502.00	716.83	.23	.09	.00	329.35	610.00
*	4.860	581.00	717.05	.22	.09	.00	335.25	610.00
*	4.860	772.00	717.54	.48	.08	.00	348.32	610.00
	4.980	158.00	715.52	.00	.22	.00	120.15	625.00
	4.980	257.00	716.16	.63	.22	.00	185.37	625.00
	4.980	329.00	716.48	.32	.22	.00	218.16	625.00
	4.980	426.00	716.82	.34	.22	.00	250.96	625.00
	4.980	502.00	717.05	.23	.21	.00	271.56	625.00
	4.980	581.00	717.26	.21	.21	.00	290.97	625.00
	4.980	772.00	717.73	.47	.19	.00	333.84	625.00
*	5.090	158.00	715.72	.00	.19	.00	195.25	600.00
*	5.090	257.00	716.36	.64	.20	.00	264.51	600.00
*	5.090	329.00	716.68	.32	.20	.00	373.28	600.00
*	5.090	426.00	717.02	.34	.20	.00	387.51	600.00
*	5.090	502.00	717.24	.22	.19	.00	396.87	600.00
*	5.090	581.00	717.45	.21	.19	.00	405.71	600.00
*	5.090	772.00	717.91	.46	.18	.00	425.09	600.00
*	5.200	158.00	715.54	.00	-.18	.00	23.53	570.00
*	5.200	257.00	717.02	1.47	.66	.00	384.17	570.00
*	5.200	329.00	717.18	.16	.50	.00	396.26	570.00
*	5.200	426.00	717.31	.13	.29	.00	406.10	570.00
*	5.200	502.00	717.45	.14	.21	.00	416.66	570.00
*	5.200	581.00	717.53	.08	.08	.00	423.18	570.00
*	5.200	772.00	718.07	.54	.16	.00	463.36	570.00
*	5.320	158.00	717.09	.00	1.55	.00	575.23	610.00
*	5.320	257.00	717.72	.62	.70	.00	590.38	610.00
*	5.320	329.00	717.94	.22	.76	.00	595.00	610.00
*	5.320	426.00	718.20	.27	.90	.00	595.00	610.00
*	5.320	502.00	718.36	.16	.91	.00	595.00	610.00
*	5.320	581.00	718.53	.17	1.00	.00	595.00	610.00
*	5.320	772.00	718.86	.33	.79	.00	595.00	610.00
*	5.420	158.00	717.18	.00	.08	.00	351.72	550.00
*	5.420	257.00	717.81	.63	.09	.00	395.06	550.00
*	5.420	329.00	718.05	.24	.11	.00	411.54	550.00
*	5.420	426.00	718.34	.29	.13	.00	431.92	550.00
*	5.420	502.00	718.52	.18	.16	.00	444.32	550.00
*	5.420	581.00	718.70	.18	.17	.00	459.96	550.00
*	5.420	772.00	719.08	.38	.22	.00	477.99	550.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	5.540	158.00	717.31	.00	.13	.00	339.88	620.00
*	5.540	257.00	717.96	.65	.16	.00	415.32	620.00
*	5.540	329.00	718.24	.28	.19	.00	446.70	620.00
*	5.540	426.00	718.56	.33	.23	.00	483.82	620.00
*	5.540	502.00	718.77	.21	.26	.00	494.83	620.00
*	5.540	581.00	718.98	.21	.28	.00	503.08	620.00
*	5.540	772.00	719.41	.43	.33	.00	520.08	620.00
*	5.640	158.00	717.36	.00	.05	.00	553.94	540.00
*	5.640	257.00	718.03	.67	.06	.00	598.53	540.00
*	5.640	329.00	718.31	.29	.08	.00	617.90	540.00
*	5.640	426.00	718.66	.34	.09	.00	641.40	540.00
*	5.640	502.00	718.88	.22	.10	.00	658.67	540.00
*	5.640	581.00	719.10	.22	.12	.00	675.75	540.00
*	5.640	772.00	719.55	.45	.14	.00	711.15	540.00
*	5.740	158.00	717.40	.00	.04	.00	388.45	550.00
*	5.740	257.00	718.08	.67	.05	.00	459.05	550.00
*	5.740	329.00	718.37	.30	.06	.00	489.97	550.00
*	5.740	426.00	718.73	.35	.07	.00	524.51	550.00
*	5.740	502.00	718.96	.23	.08	.00	544.37	550.00
*	5.740	581.00	719.18	.23	.09	.00	551.32	550.00
*	5.740	772.00	719.65	.47	.10	.00	552.00	550.00
*	5.830	158.00	717.46	.00	.05	.00	634.81	500.00
*	5.830	257.00	718.13	.68	.06	.00	697.45	500.00
*	5.830	329.00	718.44	.31	.07	.00	725.99	500.00
*	5.830	426.00	718.80	.36	.08	.00	743.68	500.00
*	5.830	502.00	719.04	.24	.08	.00	747.82	500.00
*	5.830	581.00	719.27	.23	.09	.00	751.88	500.00
*	5.830	772.00	719.75	.48	.10	.00	752.00	500.00
*	5.840	158.00	717.45	.00	-.01	.00	35.00	50.00
*	5.840	257.00	718.11	.67	-.02	.00	35.00	50.00
*	5.840	329.00	718.41	.30	-.03	.00	35.00	50.00
*	5.840	426.00	718.75	.35	-.05	.00	35.00	50.00
*	5.840	502.00	718.98	.22	-.06	.00	35.00	50.00
*	5.840	581.00	719.19	.22	-.08	.00	35.00	50.00
*	5.840	772.00	719.63	.44	-.12	.00	35.00	50.00
	5.845	158.00	717.45	.00	.01	.00	35.00	23.50
	5.845	257.00	718.12	.67	.01	.00	35.00	23.50
	5.845	329.00	718.42	.30	.01	.00	35.00	23.50
	5.845	426.00	718.77	.35	.01	.00	35.00	23.50
	5.845	502.00	718.99	.23	.02	.00	35.00	23.50
	5.845	581.00	719.21	.22	.02	.00	35.00	23.50
	5.845	772.00	719.66	.45	.03	.00	35.00	23.50

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	5.880	158.00	717.47	.00	.02	.00	26.00	50.00
*	5.880	257.00	718.15	.68	.03	.00	26.00	50.00
*	5.880	329.00	718.45	.31	.03	.00	26.00	50.00
*	5.880	426.00	718.92	.46	.15	.00	1109.31	50.00
*	5.880	502.00	719.18	.26	.19	.00	1157.91	50.00
*	5.880	581.00	719.44	.26	.23	.00	1206.03	50.00
*	5.880	772.00	720.00	.56	.34	.00	1309.39	50.00
	5.885	158.00	717.47	.00	.00	.00	26.00	180.50
	5.885	257.00	718.15	.68	.00	.00	26.00	180.50
	5.885	329.00	718.46	.31	.00	.00	26.00	180.50
*	5.885	426.00	718.97	.51	.05	.00	26.00	180.50
*	5.885	502.00	719.26	.29	.09	.00	26.00	180.50
*	5.885	581.00	719.57	.30	.13	.00	26.00	180.50
*	5.885	772.00	720.27	.70	.27	.00	26.00	180.50
	5.890	158.00	717.50	.00	.03	.00	300.00	60.00
*	5.890	257.00	718.21	.71	.05	.00	300.00	60.00
*	5.890	329.00	718.54	.33	.08	.00	300.00	60.00
*	5.890	426.00	719.08	.55	.11	.00	300.00	60.00
*	5.890	502.00	719.41	.33	.15	.00	300.00	60.00
*	5.890	581.00	719.75	.34	.18	.00	300.00	60.00
*	5.890	772.00	720.53	.78	.27	.00	300.00	60.00
	5.990	158.00	717.50	.00	.00	.00	1038.53	580.00
*	5.990	257.00	718.21	.71	.00	.00	1049.15	580.00
*	5.990	329.00	718.55	.34	.01	.00	1054.18	580.00
*	5.990	426.00	719.09	.55	.01	.00	1062.39	580.00
*	5.990	502.00	719.42	.33	.01	.00	1067.32	580.00
*	5.990	581.00	719.76	.34	.01	.00	1072.39	580.00
*	5.990	772.00	720.55	.79	.02	.00	1076.00	580.00
	6.110	158.00	717.50	.00	.00	.00	1110.56	635.00
	6.110	257.00	718.21	.71	.00	.00	1136.09	635.00
	6.110	329.00	718.55	.34	.00	.00	1148.22	635.00
	6.110	426.00	719.09	.55	.00	.00	1155.00	635.00
	6.110	502.00	719.42	.33	.00	.00	1155.00	635.00
	6.110	581.00	719.76	.34	.00	.00	1155.00	635.00
	6.110	772.00	720.55	.79	.00	.00	1155.00	635.00

SUMMARY OF ERRORS AND SPECIAL NOTES

CAUTION SECNO=	.100	PROFILE= 1	CRITICAL DEPTH ASSUMED			
WARNING SECNO=	.200	PROFILE= 1	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.200	PROFILE= 2	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.200	PROFILE= 3	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.200	PROFILE= 4	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.200	PROFILE= 5	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.200	PROFILE= 6	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.200	PROFILE= 7	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.300	PROFILE= 1	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.500	PROFILE= 1	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.500	PROFILE= 2	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.500	PROFILE= 3	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.500	PROFILE= 4	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.500	PROFILE= 5	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.500	PROFILE= 6	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.600	PROFILE= 3	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.600	PROFILE= 4	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.600	PROFILE= 5	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.600	PROFILE= 6	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.880	PROFILE= 1	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.880	PROFILE= 2	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.880	PROFILE= 3	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.880	PROFILE= 4	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.880	PROFILE= 5	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	.880	PROFILE= 6	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	1.110	PROFILE= 1	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	1.110	PROFILE= 2	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	1.110	PROFILE= 3	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	1.110	PROFILE= 4	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	1.110	PROFILE= 5	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	1.110	PROFILE= 6	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	1.110	PROFILE= 7	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	1.120	PROFILE= 1	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	1.120	PROFILE= 6	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	1.120	PROFILE= 7	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	1.440	PROFILE= 1	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	1.440	PROFILE= 2	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	1.440	PROFILE= 3	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE
WARNING SECNO=	1.440	PROFILE= 4	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE RANGE

WARNING SECNO=	4.580	PROFILE=	2	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.580	PROFILE=	3	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.580	PROFILE=	4	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.580	PROFILE=	5	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.580	PROFILE=	6	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.580	PROFILE=	7	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.650	PROFILE=	7	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.660	PROFILE=	6	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.660	PROFILE=	7	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.730	PROFILE=	1	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.730	PROFILE=	2	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.730	PROFILE=	3	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.730	PROFILE=	4	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.730	PROFILE=	5	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.730	PROFILE=	6	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.730	PROFILE=	7	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.740	PROFILE=	1	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.740	PROFILE=	2	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.740	PROFILE=	3	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.740	PROFILE=	4	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.740	PROFILE=	5	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.740	PROFILE=	6	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.740	PROFILE=	7	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.860	PROFILE=	1	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.860	PROFILE=	2	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.860	PROFILE=	3	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.860	PROFILE=	4	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.860	PROFILE=	5	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.860	PROFILE=	6	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	4.860	PROFILE=	7	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	5.090	PROFILE=	1	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	5.090	PROFILE=	2	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	5.090	PROFILE=	3	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	5.090	PROFILE=	4	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	5.090	PROFILE=	5	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	5.090	PROFILE=	6	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	5.090	PROFILE=	7	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
CAUTION SECNO=	5.200	PROFILE=	1	CRITICAL DEPTH ASSUMED				
CAUTION SECNO=	5.200	PROFILE=	1	MINIMUM SPECIFIC ENERGY				
CAUTION SECNO=	5.200	PROFILE=	2	CRITICAL DEPTH ASSUMED				
CAUTION SECNO=	5.200	PROFILE=	2	PROBABLE MINIMUM SPECIFIC ENERGY				
CAUTION SECNO=	5.200	PROFILE=	2	20 TRIALS ATTEMPTED TO BALANCE WSEL				
CAUTION SECNO=	5.200	PROFILE=	3	CRITICAL DEPTH ASSUMED				
CAUTION SECNO=	5.200	PROFILE=	3	PROBABLE MINIMUM SPECIFIC ENERGY				

CAUTION SECNO=	5.200	PROFILE=	3	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=	5.200	PROFILE=	4	CRITICAL DEPTH ASSUMED
CAUTION SECNO=	5.200	PROFILE=	4	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=	5.200	PROFILE=	4	20 TRIALS ATTEMPTED TO BALANCE WSEL
CAUTION SECNO=	5.200	PROFILE=	5	CRITICAL DEPTH ASSUMED
CAUTION SECNO=	5.200	PROFILE=	5	PROBABLE MINIMUM SPECIFIC ENERGY
CAUTION SECNO=	5.200	PROFILE=	5	20 TRIALS ATTEMPTED TO BALANCE WSEL
WARNING SECNO=	5.200	PROFILE=	6	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.200	PROFILE=	7	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.320	PROFILE=	1	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.320	PROFILE=	2	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.320	PROFILE=	3	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.320	PROFILE=	4	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.320	PROFILE=	5	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.320	PROFILE=	6	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.320	PROFILE=	7	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.420	PROFILE=	1	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.420	PROFILE=	2	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.420	PROFILE=	3	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.420	PROFILE=	4	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.420	PROFILE=	5	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.420	PROFILE=	6	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.540	PROFILE=	1	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.540	PROFILE=	2	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.540	PROFILE=	3	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.540	PROFILE=	5	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.540	PROFILE=	6	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.540	PROFILE=	7	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.640	PROFILE=	1	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.640	PROFILE=	2	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.640	PROFILE=	3	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.640	PROFILE=	4	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.640	PROFILE=	5	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.640	PROFILE=	6	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.640	PROFILE=	7	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.740	PROFILE=	1	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.740	PROFILE=	2	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.740	PROFILE=	3	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.740	PROFILE=	4	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.740	PROFILE=	5	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.740	PROFILE=	6	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.740	PROFILE=	7	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.830	PROFILE=	1	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.830	PROFILE=	2	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE
WARNING SECNO=	5.830	PROFILE=	3	CONVEYANCE CHANGE OUTSIDE ACCEPTABLE RANGE

Moss-American Site
Pre-design Task 10
Revision: 0
Date: 4 January 1993

APPENDIX C
WESTON REVISED HEC-2 MODEL

HEC-2 WATER SURFACE PROFILES

Version 4.6.2; May 1991

T1 LITTLE MEMONOWEE RIVER PROFILES - CITY OF MILWAUKEE FIS
T2 MOSS AMERICAN RECHANNELING PROJECT
T3 LITTLE MEMONOWEE Q2 DISCHARGE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
		2					-1		697	
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	1		-1							

J3 VARIABLE CODES FOR SUMMARY PRINTOUT

100	101	150								
38	1	13	14	15	55	26	56	58	53	
54										

J5 LPRNT NUMSEC *****REQUESTED SECTION NUMBERS*****
-10 -10

NC	0.1	0.1	0.035									
		2yr	5yr	10yr	25yr	50yr	100yr	500yr				
QT	7	462	654	802	1041	1243	1465	2081				
X1	1.0	33	292.5	314.5	145	145	145					
X3				170		460						
GR	709.28		704.85	20	700.76	40	700	50	699.5	95		
GR	700	145	700.6	170	700	260	698	277	696	292.5		
GR	693.20	298.5	691.9	299.5	691.90	310.5	693.20	311.5	696	314.5		
GR	698	360	698.82	380	699	400	699	460	698.86	480		
GR	698.72	500	698.54	520	698.49	540	698.66	560	698.85	580		
GR	698.72	600	698.37	620	699	640	699	720	699.19	740		
GR	699.55	760	700.2	780	700	800						
NC				.3	.5							
X1	2.0	25	382	506	236	276	257					
X3				320		531						
GR	705.69		700.26	20	699.03	40	699	60	699	220		
GR	699.4	240	699.35	260	699	280	699	300	699	320		
GR	698.76	340	698.77	360	698.9	380	697	382	692.5	419		

GR	692.5	469	697	506	699	740	699.41	760	700	895
GR	701	900	702	905	703	910	704	917	706	935
X1	3.0	16	28	152.1	90	90	90			
X3	10							707.25	708	
GR	707.25		707.58	14	706.8	20	704.09	28	700.7	28.1
GR	694.7	63	694.7	82.5	692.7	83.5	692.7	96.5	694.7	97.5
GR	694.7	117	700.7	152	704.09	152.1	706.92	160	707.18	180
GR	707.2	181.9								

NORTH LOVERS LANE (bridge not in FIS HEC-2 model)

SB	0.9	1.56	3.0		36	5	918.4	3.82		
X1	4.0				109	109	109			
X2			1	704.21	707.25					
X3	10							707.25	708	
BT	-16	0	707.25	707.25	14	707.58	707.58	20	707.9	706.8
BT		28	708.5	704.21	28.1	708.5	704.21	63	708.5	704.21
BT		82.5	708.5	704.21	83.5	708.5	704.21	96.5	708.5	704.21
BT		97.5	708.5	704.21	117	708.5	704.21	152	708.5	704.21
BT		152.1	708.5	704.21	160	708.12	706.92	180	708	707.18
BT		181.9	708	707.2						

X1	5.0	23	396.5	418.5	52	52	52			
X3				66		444				
GR	705		704	37	703	66	702	99	701	149
GR	700	225	699.45	279	699.39	299	699.29	319	699.04	339
GR	699	359	697	396.5	694.4	402.5	693.1	403.5	693.1	414.5
GR	694.4	415.5	697	418.5	699	439	700.39	459	701.39	479
GR	702	499	703	518	707	533				

NC				.1	.3					
X1	6.0	22	236.5	258.5	73	127	100			
X3				75		427				
GR	705.25		704.8	20	703.23	40	701.94	60	699.41	80
GR	699	100	697	236.5	694.6	242.5	693.3	243.5	693.3	254.5
GR	694.6	255.5	697	258.5	699	500	699.06	520	699.15	540
GR	699.29	560	699.83	580	701.49	600	703	620	703	640
GR	703	652	704	787						

X1	7.0	19	190.5	212.5	75	125	100			
X3						464				
GR	706.3		705.09	20	703.82	40	702.91	60	702.35	80
GR	701.61	100	699	120	697	190.5	694.8	196.5	693.5	197.5
GR	693.5	208.5	694.8	209.5	697	212.5	699	520	699.58	540
GR	701.78	560	702.97	580	703	589	704	724		

X1	8.0	25	248.5	270.5	76	124	100			
X3						570				
GR	709.26		708.34	20	707.37	40	706.66	60	706.05	80
GR	704.38	100	702.78	120	701.55	140	700.53	160	699.91	180
GR	699.34	200	699	220	697	248.5	694.9	254.5	693.6	255.5
GR	693.6	266.5	694.9	267.5	697	270.5	699	560	699.25	580
GR	701.21	600	702.55	620	703	640	703	645	704	780
X1	9.0	23	178	205	73	122	98			
X3						529				
GR	706.22		705.3	20	702.85	40	701.18	60	700.34	80
GR	699.85	100	699.52	120	699.19	140	699	160	697	178
GR	694.8	182	693.7	183	693.7	193	694.8	194	697	205
GR	699	460	699.36	480	701.08	500	702.01	520	702.49	540
GR	702.99	560	703	566	704	701				
X1	9.5	19	596	623	289	289	289			
GR	712.6		710.6	55	708.6	120	706.6	230	704.6	299
GR	702.6	314	700.6	340	698.6	402	696.6	596	695	600
GR	693.9	601	693.9	611	695	612	696.6	623	698.6	1040
GR	698.6	1155	700.6	1221	702.6	1354	708.4	1443		
X1	9.6	44	275	309	270	208	240			
GR	707.26		706.15	20	704.72	40	703.32	60	702.18	80
GR	701.74	100	701.44	120	701.11	140	700.79	160	700.52	180
GR	700.27	200	700.01	220	699.84	240	699.68	260	697.58	275
GR	695.05	280	694.05	281	694.05	293	695.05	294	697.45	309
GR	699	740	699.14	760	699.27	780	699.41	800	699.54	820
GR	699.67	840	699.36	860	699.39	880	700.25	900	701.12	920
GR	701.94	940	702.49	960	703	980	703.24	1000	703.52	1020
GR	703.59	1024.5	703.83	1040	704.36	1060	705.06	1080	705.88	1100
GR	706.8	1120	707.73	1140	708.21	1160	708.43	1180		
NC				.3	.5					
X1	10.0	20	756	782	299	216	255			
GR	710.6		708.6	28	706.6	70	704.6	122	702.6	206
GR	700.6	280	698.6	358	696.6	756	695.2	765	694.2	766
GR	694.2	781	695.2	782	696.6	800	696.6	895	698.6	1043
GR	700.6	1190	702.6	1307	702.6	1340	704.6	1400	710.6	1403
X1	10.5	33	652.5	685.5	199	262	237			
X3				354	698.8	829	699.7			
GR	703.54		703.16	20	702.44	40	701.6	60	700.97	80
GR	700.68	100	700.40	120	700.12	140	699.92	160	699.76	180
GR	699.6	200	699.44	220	699.27	240	699.11	260	699	280
GR	697	652.5	695.25	658.5	694.35	659.5	694.35	672.5	695.25	673.5
GR	697	685.5	699.00	840	700.77	860	701.67	880	702.51	900
GR	703.33	920	704.39	940	705.4	960	706.22	980	707.74	1000

GR	709.22	1020	711.02	1040	713.27	1058.9				
X1	11	21	1020	1043	210	210	210			
X3				792	698.87	1127	699.77			
GR	712.6		710.6	41	708.6	74	706.6	141	702.6	344
GR	700.6	398	698.6	588	696.6	1020	695.3	1023	694.5	1024
GR	694.5	1036	695.3	1037	696.6	1043	698.6	1154	700.6	1182
GR	702.6	1263	704.6	1294	706.6	1327	708.6	1351	710.6	1370
GR	712.6	1388								
X1	11.5	43	686.5	717.5	252	252	252			
X3				572	698.92	762	699.82			
GR	704.64		703.76	20	703.07	40	702.3	60	701.94	80
GR	701.74	100	701.45	120	701.17	140	701	160	700.91	180
GR	700.7	200	700.3	220	700	240	700	260	699.86	280
GR	699.72	300	699.58	320	699.44	340	699.3	360	699.16	380
GR	699.02	400	698.6	420	698.6	686.5	695.8	692.5	694.7	693.5
GR	694.7	706.5	695.8	707.5	697	717.5	699	840	700.1	860
GR	700.18	860.9	701.41	880	702.21	900	703.04	920	704.05	940
GR	705.17	960	706.18	980	707.24	1000	708.56	1020	709.89	1040
GR	710.94	1060	712.48	1080	712.73	1082.9				
NC	0.1	0.1	0.035							
X1	12	22	1184	1224	249	249	249			
X3				1164	699.07	1229	699.97			
GR	712.6		710.6	67	708.6	213	706.6	394	704.6	555
GR	702.6	600	700.6	729	698.6	860	698.6	1184	696.6	1193
GR	695.4	1199	694.9	1200	694.9	1213	695.4	1214	696.6	1224
GR	698.6	1363	700.6	1423	702.6	1467	704.6	1507	706.6	1542
GR	708.6	1575	710.6	1607						
X1	13	23	625	673	76	56	66			
X3	10							699.1	700	
GR	705		704	50	703	100	702	125	701	160
GR	700	195	699	235	698.7	385	699	475	699.2	570
GR	699.5	625	695	642	694.96	643	694.96	655	695	656
GR	699.5	673	699	713	700	798	701	833	702	873
GR	703	913	704	928	705	943				
FOOT PATH BRIDGE - SHEET 20 - (bridge not in FIS HEC-2 model)										
SB		1.56	3.0		14		140	3.78		
X1	13.5				6	6	6			
X2			1	699.5	699.1					
X3	10							699.1	700	
BT	-17	195	700	700	235	699.8	699	385	699.1	698.7
BT		475	699.4	699	570	699.8	699.2	625	700	699.5
BT		642	700	699.5	643	700	699.5	655	700	699.5
BT		656	700	699.5	673	700	699.5	713	700.3	699
BT		798	701.2	700	833	701.8	701	873	703	702
BT		913	703.7	703	928	704	704			

X1	14.0	36	639.5	668.5	40	60	50			
X3				539	700.25	694	700.25			
GR	705.6		704.71	20	704.23	40	703.73	60	703.09	80
GR	702.52	100	701.89	120	701.1	140	699.88	160	699	180
GR	697.5	639.5	695.68	644.5	694.98	645.5	694.98	660.5	695.68	661.5
GR	697.5	668.5	699.09	680	699.23	700	699.31	720	699.18	740
GR	699.47	760	700.6	780	701.13	800	701.43	820	701.99	840
GR	702.34	860	702.69	880	703.08	900	703.76	920	704.75	940
GR	705.88	960	706.85	980	708.16	1000	709.39	1020	710.37	1040
GR	710.93	1051.5								
X1	14.5	31	619	647	198	194	196			
GR	705.93		704.99	20	703.16	40	702.74	60	702.52	80
GR	701.27	100	699.5	120	699	140	699	580	699.21	600
GR	699.26	619	695.6	624	695.1	625	695.1	641	695.6	642
GR	699.34	647	700	660	700	672	699.5	680	699.5	740
GR	700	750	700.34	760	701.11	780	701.51	800	701.9	820
GR	702.59	840	703.25	860	704.15	880	705.07	900	705.83	920
GR	706.39	934.6								
NC				.1	.3					
X1	15.0	33	1457	1485	169	169	169			
GR	712.6		710.6	222	708.6	480	708.6	513	710.6	624
GR	710.6	641	708.6	752	706.6	788	704.6	833	702.6	908
GR	700.6	1004	698.6	1108	698.6	1267	700.6	1440	700.6	1451
GR	698.6	1457	696.6	1460	695.5	1462	695.2	1463	695.2	1480
GR	695.5	1481	698.6	1485	700.6	1487	700.6	1509	698.6	1518
GR	698.6	1560	700.6	1608	702.6	1664	704.6	1732	706.6	1770
GR	708.6	1825	710.6	1854	712.6	1887				
X1	15.5	41	663.5	692.5	247	247	247			
GR	705		704	40	703	110	702.5	160	702.28	180
GR	702.06	200	701.64	220	701.15	240	700.45	260	699.77	280
GR	699.24	300	699	320	699	600	699.04	620	699.14	640
GR	699.23	660	699.17	663.5	695.6	670.5	695.35	671.5	695.35	686.5
GR	695.6	687.5	699.27	692.5	699.65	700	700.1	720	700.42	740
GR	700.63	760	700.8	774.1	700.91	780	701.37	800	702	820
GR	702.53	840	703.24	860	703.94	880	705.07	900	706.01	920
GR	706.89	940	708.83	960	711.37	980	714.34	1000	716.12	1020
GR	716.84	1030								
NC	.1	0.1	0.055							
X1	16	32	1523	1552	200	274	236			
GR	712.6		710.6	150	710.6	222	708.6	475	708.6	672
GR	706.6	772	704.6	903	702.6	989	700.6	1121	698.6	1380
GR	700.6	1497	700.6	1519	698.6	1523	696.6	1526	695.7	1531
GR	695.5	1532	695.5	1545	695.6	1546	696.6	1549	698.6	1552
GR	700.6	1566	700.6	1586	698.6	1597	698.6	1628	700.6	1650

GR	702.6	1695	704.6	1777	706.6	1815	708.6	1874	710.6	1951
GR	710.6	2045	712.6	2120						
X1	16.5	45	607	637	222	281	252			
GR	705		704	90	703.71	110	703.39	130	703.03	150
GR	703	170	702.53	190	701.86	210	701.52	230	701.18	250
GR	701	270	701	530	700.78	550	700.81	570	700.84	590
GR	697.7	607	695.75	615	695.6	616	695.6	628	695.75	629
GR	698.11	637	700.12	690	700.45	710	700.62	730	700.72	750
GR	701	770	701	830	701.18	850	701.44	870	701.69	890
GR	701.94	910	702.42	930	702.98	950	703.77	970	704.70	990
GR	705.52	1010	706.5	1030	707.81	1050	709.04	1070	710.2	1090
GR	711.52	1110	712.92	1130	715	1150	718.61	1170	719.33	1173
X1	17.0	23	1426	1450	250	240	245			
GR	712.6		710.6	128	710.6	370	708.6	497	706.6	672
GR	704.6	944	702.6	1141	700.6	1285	698.6	1386	698.6	1426
GR	696.6	1431	695.8	1433	695.7	1434	695.7	1445	695.8	1446
GR	696.6	1450	700.6	1460	700.6	1783	702.6	1878	704.6	1975
GR	706.6	2026	708.6	2052	712.6	2101				
X1	17.5	52	689	720	256	256	256			
GR	710.57		709.72	20	708.9	40	708.07	60	707.15	80
GR	705.97	100	705.21	120	704.7	140	704.25	160	703.8	180
GR	703.32	200	702.78	220	702.24	240	701.73	260	701.32	280
GR	701	300	701	660	700.38	680	698.3	689	695.85	697
GR	695.8	698	695.8	710	695.85	711	698.07	720	698.29	740
GR	699.61	760	700.94	780	701	800	701	820	701.05	840
GR	701.18	860	701.26	880	701.3	900	701.41	920	701.43	922.6
GR	701.55	940	701.68	960	701.82	980	701.96	1000	702.33	1020
GR	702.77	1040	703.23	1060	703.67	1080	704.11	1100	704.42	1120
GR	704.49	1124.3	704.73	1140	705.08	1160	706.17	1180	706.87	1200
GR	707	1220	707	1227.6						
NC	0.1	0.08	0.035	0.3	0.5					
X1	18	29	1190	1222	249	249	249			
X3						1711				
GR	710.6		708.6	160	706.6	170	706.6	274	706.6	285
GR	706.6	307	706.6	378	704.6	786	702.6	906	702.6	1182
GR	700.6	1188	698.6	1190	696.6	1193	695.9	1198	695.9	1199
GR	695.9	1213	695.9	1214	696.6	1219	698.6	1222	700.6	1228
GR	700.6	1240	698.6	1256	698.6	1272	700.6	1628	702.6	1757
GR	704.6	1838	706.6	1898	708.6	1965	710.6	2000		

X1	19	63	469	501	312	286	300			
X3						947				
GR	708.04		707.84	20	707.67	40	707.49	60	707.3	80
GR	707.11	100	706.71	120	705.97	140	705.29	160	704.77	180
GR	704.16	200	703.72	220	703.26	240	702.82	260	702.4	280
GR	702.03	300	701.67	320	701.32	340	700.98	360	700.78	380
GR	700.58	400	700.39	420	700.19	440	700	460	698	469
GR	696.17	477	696.17	478	696.17	492	696.17	493	698	501
GR	700	540	700.23	560	700.29	580	700.38	600	700.48	620
GR	700.58	640	700.67	660	700.77	680	700.87	700	700.96	720
GR	701	740	701	840	701.01	860	701.33	880	701.63	900
GR	701.93	920	702.2	940	702.45	960	702.7	980	702.96	1000
GR	703.19	1020	703.47	1040	703.74	1060	704	1080	704.04	1100
GR	704.5	1120	705.06	1140	705.37	1160	705.69	1180	706.02	1200
GR	706.58	1220	707.44	1240	707.34	1255.7				

X1	19.5	53	335	367	270	237	253			
X3						739				
GR	707.12		706.52	20	705.81	40	705.47	60	705.14	80
GR	704.84	100	704.17	120	703.3	140	702.76	160	702.43	180
GR	702.12	200	701.82	220	701.51	240	701.19	260	700.81	280
GR	700.36	300	700	320	700	335	696.4	343	696.4	344
GR	696.4	358	696.4	359	700	367	700	520	700.11	540
GR	700.25	560	700.39	580	700.53	600	700.66	620	700.78	640
GR	700.9	660	701.01	680	701.12	700	701.23	720	701.34	740
GR	701.45	760	701.57	780	701.69	800	701.81	820	701.92	840
GR	702.1	860	702.38	880	702.67	900	702.96	920	703.28	940
GR	703.62	960	703.96	980	704.83	1000	705.25	1020	705.61	1040
GR	705.99	1060	712.02	1080	712.06	1083.8				

X1	20	51	335	367	285	234	260			
X3						651				
GR	707.83		706.93	20	706.63	40	706.34	60	706.04	80
GR	705.74	100	705.45	120	705.32	140	703.73	160	701.91	180
GR	701.66	200	701.4	220	701.18	240	700.97	260	700.7	280
GR	700.37	300	700.04	320	700.01	335	696.64	343	696.64	344
GR	696.64	358	696.64	359	700	367	700	440	700.06	460
GR	700.13	480	700.2	500	700.27	520	700.32	540	700.39	560
GR	700.51	580	700.63	600	700.76	620	700.88	640	701	660
GR	701	680	701.23	700	701.46	720	701.69	740	701.83	760
GR	701.92	780	702	800	702	840	702.45	860	702.8	880
GR	703.38	900	704.64	920	705.98	940	706.14	960	706.05	980
GR	709.7	998.8								

X1	21	51	305	337	104	92	98			
X3						562				
GR	707.35		706.9	20	706.75	40	706.59	60	706.44	80
GR	706.29	100	706.14	120	705.93	140	703.93	160	701.95	180
GR	701.59	200	701.23	220	700.83	240	700.52	260	700.24	280
GR	700	300	700	305	696.73	313	696.73	314	696.73	328

GR	696.73	329	700	337	700	340	700.09	360	700.17	380
GR	700.24	400	700.3	420	700.37	440	700.43	460	700.50	480
GR	700.56	500	700.62	520	700.68	540	700.73	560	700.79	580
GR	700.85	600	700.97	620	701.05	640	701.37	660	701.69	680
GR	702	700	702.14	720	702.29	740	702.43	760	702.58	780
GR	702.83	800	703.25	820	703.63	840	704.17	860	706.55	880
GR	710.13	898.4								

X1	22	44	251	283	108	89	98			
X3						456				
GR	707.21		706.83	20	706.63	40	706.44	60	706.25	80
GR	706.06	100	704.96	120	703.75	140	702.54	160	701.28	180
GR	700.75	200	700.4	220	700.05	240	700.02	251	696.82	259
GR	696.82	260	696.82	274	696.82	275	700.1	283	700.04	300
GR	700.23	320	700.42	340	700.62	360	700.7	380	700.72	400
GR	700.75	420	700.81	440	700.87	460	700.92	480	700.97	500
GR	701	520	701.16	540	701.28	560	701.44	580	701.59	600
GR	701.82	620	702.47	640	702.37	660	702.68	680	702.89	700
GR	703	720	704.45	740	707.32	760	710.03	770.7		

X1	23	46	254	278	108	88	98			
X3						387				
GR	707		706.9	20	706.73	40	706.57	60	706.41	80
GR	706.25	100	706.09	120	705.63	140	704.42	160	702.75	180
GR	701.53	200	700.65	220	700	240	700	254	696.9	262
GR	696.9	263	696.9	277	700	278	700	286	700	300
GR	700.59	320	701.61	340	701.75	360	701.88	380	701.97	400
GR	702.22	420	702.52	440	702.7	460	703	480	701.94	500
GR	701.87	520	701.89	540	701.95	560	702.42	580	704.42	600
GR	706.61	620	708.74	640	709.36	650.3	710	660	710	680
GR	710.04	700	710.44	720	710.71	740	710.98	760	711	780
GR	711	794.7								

NC			.3	.5						
X1	24.0	14	1138	1262	100	110	105			
X3	10							707.8	707.8	
GR	710.6		707.8	370	707.8	1138	700.5	1138.1	697.7	1175
GR	697.2	1193	697	1194	697	1206	697.2	1207	697.2	1225
GR	700.5	1261.9	707.8	1262	707.8	1830	710.6	2000		

WEST SILVER SPRING DRIVE - (rebuilt since FIS HEC-2 model)

SB	0.9	1.56	3.0		78	5	758.2	3.07		
X1	25				112.5	112.5	112.5			
X2			1	704.5	707.8					
X3	10							707.8	707.8	
BT	-6	1138	707.8	707.8	1138.1	707.8	704.5	1175	707.8	704.5
BT		1225	707.8	704.5	1261.9	707.8	704.5	1262	707.8	707.8

NC	0.1	0.1	0.035							
X1	26.0	20	538	566	59	66	62			
X3				472		627				
GR	710.6		708.6	43	706.6	71	704.6	129	702.6	229
GR	700.6	387	700.6	535	698.6	538	697.1	541	697	542
GR	697	558	697.1	559	698.6	566	700.6	679	702.6	1113
GR	704.6	1191	706.6	1262	708.6	1331	708.6	1410	710.6	1416
X1	27	53	508.5	535.5	86	113	100			
X3				286		651				
GR	713.37		709.68	20	707.54	40	705.83	60	705.05	80
GR	704.38	100	703.19	120	703	140	702.61	160	702.89	180
GR	701.56	200	701	220	701	320	700.89	340	700.78	360
GR	700.66	380	700.54	400	700.42	420	700.3	440	700.19	460
GR	700.13	480	700	500	700	508.5	697.12	511.5	697.02	512.5
GR	697.02	527.5	697.12	528.5	700.06	535.5	700.08	540	700.82	560
GR	701.14	580	701.41	600	701.68	620	701.94	640	702.11	660
GR	702.26	680	702.46	700	702.7	720	702.93	740	703.19	760
GR	703.47	780	703.75	800	704.02	820	704.24	840	704.46	860
GR	704.6	880	704.82	900	705.13	920	705.47	940	705.67	960
GR	705.81	980	705.97	1000	706.18	1011				
X1	28	43	471	497	85	116	101			
X3				167		699				
GR	708.51		706.42	20	705.67	40	704.79	60	704.24	80
GR	702.59	100	701.27	120	701	140	701	280	700.98	300
GR	700.86	320	700.74	340	700.63	360	700.51	380	700.39	400
GR	700.27	420	700.15	440	700.02	460	700	471	697.14	475
GR	697.04	476	697.04	490	697.14	491	700	497	700	500
GR	700.28	520	700.48	540	700.58	560	700.71	580	700.84	600
GR	700.99	620	701.51	640	701.95	660	702.38	680	702.86	700
GR	703.46	720	704.06	740	704.42	760	704.79	780	705.22	800
GR	705.76	820	706.22	840	706.3	843.8				
X1	29	52	488.5	514.5	92	110	101			
GR	714.02		707.95	20	705.89	40	705.62	60	705.34	80
GR	705.07	100	703.04	120	701.23	140	701	160	701	320
GR	700.97	340	700.84	360	700.7	380	700.55	400	700.41	420
GR	700.26	440	700.12	460	700	480	700	488.5	697.16	493.5
GR	697.06	494.5	697.06	507.5	697.16	508.5	700	514.5	700	520
GR	700.12	540	700.26	560	700.4	580	700.54	600	700.68	620
GR	700.82	640	700.96	660	701.04	680	701.63	700	702.28	720
GR	703.19	740	704.07	760	704.38	780	704.66	800	704.87	820
GR	705.38	840	706	860	706.16	880	706.73	900	707.02	920
GR	707.31	940	707.63	960	707.95	980	708.43	1000	708.88	1020
GR	709.39	1040	709.61	1048						

X1	30	41	494	519	87	114	100				
X3						820					
GR	714.24		706.35	20	705.94	40	705.25	60	705.1	80	
GR	704.83	100	704.14	120	701	140	701	340	700.97	360	
GR	700.82	380	700.67	400	700.5	420	700.33	440	700.16	460	
GR	700	480	700	494	697.18	500	697.08	501	697.08	513	
GR	697.18	514	700	519	700	520	700.04	540	700.16	560	
GR	700.28	580	700.4	600	700.52	620	700.64	640	700.76	660	
GR	700.86	680	700.97	700	701.24	720	701.54	740	701.83	760	
GR	702.19	780	703.17	800	704.07	820	704.82	840	705.64	860	
GR	705.84	864.7									

X1	31	21	827	850	89	111	100				
X3						1153					
GR	710.6		708.6	108	706.6	290	706.6	407	704.6	480	
GR	702.6	571	700.6	703	700.6	827	698.6	830	697.2	833	
GR	697.1	834	697.1	844	697.2	845	698.6	848	700.6	850	
GR	700.6	1195	702.6	1288	704.6	1352	706.6	1400	708.6	1449	
GR	710.6	1483									

X1	31.5	39	497	523	138	171	155				
X3						835					
GR	720		713.62	20	709.4	40	705	60	705	80	
GR	705	100	704.58	120	703.95	140	703	160	702.35	180	
GR	701.7	200	701	220	701	460	700.46	480	700.07	497	
GR	697.25	503	697.1	504	697.1	516	697.25	517	700.01	523	
GR	700.05	540	700.18	560	700.3	580	700.43	600	700.54	620	
GR	700.67	640	700.8	660	700.88	680	700.96	700	701	720	
GR	701	740	701	760	701	780	701	800	701.71	820	
GR	702.65	840	703.73	860	704.74	880	705.21	888.8			

X1	32.0	24	519	547	139	172	156				
X3						851					
GR	710.6		708.6	63	706.6	130	704.6	203	702.6	298	
GR	700.6	453	700.6	519	698.6	521	697.3	525	697.1	526	
GR	697.1	540	697.3	541	698.6	544	700.6	547	704.6	552	
GR	704.6	560	702.6	569	700.6	583	700.6	928	702.6	946	
GR	704.6	1022	706.6	1080	708.6	1117	710.6	1165			

X1	33.0	35	398.5	429.5	231	150	190				
X3						650					
GR	717.5	0	713.13	20	707.93	40	706.54	60	705.1	80	
GR	704.51	100	704.02	120	703.78	140	703.11	160	702.43	180	
GR	701.92	200	701.66	220	701.43	240	701.17	260	701	280	
GR	701	360	700.70	380	700.28	398.5	697.33	406.5	697.15	407.5	
GR	697.15	420.5	697.33	421.5	700.41	429.5	700.58	460	700.66	480	
GR	700.74	500	700.92	520	701	540	701	685	701.12	705	
GR	701.70	725	702	745	702.33	765	702.88	785	703.65	801.5	

X1	33.5	33	363.5	397.5	194	270	228			
X3						518				
GR	717.92		717.58	20	715.82	40	711.86	60	707.78	80
GR	706.45	100	705.71	120	705.15	140	704.44	160	703.43	180
GR	701.87	200	701.51	220	701	240	701	340	700.43	360
GR	700.45	363.5	697.37	374.5	697.21	375.5	697.21	386.5	697.37	387.5
GR	700.91	397.5	700.96	400	701	420	701	440	701	460
GR	701	480	701	500	701	520	701.22	540	702	560
GR	702.45	580	708.95	600	711.91	605.4				
X1	34	30	262	299	160	160	160			
X3						359				
GR	715.31		713.85	20	710.85	40	706.1	60	704.38	80
GR	702.4	100	702	120	701.89	140	701.74	160	701.59	180
GR	701.52	200	701.51	203.6	701.42	220	700.26	240	700.51	260
GR	700.46	262	697.39	275	697.25	276	697.25	286	697.39	287
GR	700.39	299	700.41	300	700.5	303	700.95	320	701.38	340
GR	701.57	360	701.76	380	701.96	400	709.07	420	710.3	422.5
X1	35	24	219	259	114	86	100			
X3						294				
GR	714.98		710.06	20	706.26	40	704.89	60	704.4	80
GR	703.27	100	701.98	120	701.8	140	701.63	160	701.46	180
GR	701.02	200	700.46	219	697.4	235	697.28	236	697.28	244
GR	697.4	245	700.85	259	700.89	260	701.31	267.4	701.88	280
GR	702.5	300	703.12	320	709.63	340	712.68	346		
NC	0.08	0.08	0.035							
X1	36	21	495	538	110	82	96			
X3				459		535				
GR	710.6		708.6	67	706.6	175	704.6	223	702.6	430
GR	700.6	470	700.6	495	698.6	505	697.4	513	697.3	514
GR	697.3	521	697.4	522	698.6	530	700.6	538	702.6	547
GR	702.6	1120	704.6	1210	704.6	1330	706.6	1433	708.6	1500
GR	710.6	1662								
X1	37.0	18	584	616	46	52	49			
X3	10							721.6	721.6	
GR	710.6	82	708.6	149	706.6	257	704.6	305	702.6	512
GR	700.6	552	700.6	577	697.8	584	697.4	600	697.8	616
GR	700.6	620	702.6	629	702.6	1202	704.6	1292	704.6	1412
GR	706.6	1515	708.6	1582	710.6	1744				

RAILROAD BRIDGE

SB		1.56	3.0	1744	22		652.2	0.20		
X1	38.0				39	39	39			
X2			1	721.6	729.1					
X3	10							729.1	729.1	
X1	39.0	23	582	655	60	58	59			
GR	714.6		714.6	10	712.6	19	710.6	23	708.6	70
GR	706.6	135	704.6	223	702.6	447	702.6	582	700.6	597
GR	698.6	603	697.5	615	697.3	616	697.3	631	697.5	632
GR	698.6	641	700.6	655	702.6	1052	704.6	1225	706.6	1362
GR	708.6	1425	710.6	1460	712.6	1505				
FOOT PATH BRIDGE (bridge not in FIS HEC-2 model)										
X1	39.3	32	597	639	32	62	47			
X3	10							702.6	702.6	
GR	714.6		714.6	10	712.6	19	710.6	23	708.6	70
GR	706.6	135	704.6	223	702.6	447	702.6	582	700.6	597
GR	700.6	597.1	698.6	603	697.5	609	697.3	610	697.3	625
GR	697.5	626	698.6	635	700.6	639	700.6	639.1	701	643
GR	702	647	703	651	703	686	702.5	721	703	761
GR	704	926	705	976	706	1021	707	1066	708	1081
GR	709	1096	710	1111						
SB		1.56	3.0		34		290.4	0.53		
X1	39.6				8	8	8			
X2			1	704.9	702.6					
X3	10							702.6	702.6	
BT	-16	447	702.6	702.6	582	705.12	702.6	597	705.4	700.6
BT		597.1	705.4	704.9	603	705.4	704.9	609	705.4	704.9
BT		610	705.4	704.9	625	705.4	704.9	626	705.4	704.9
BT		635	705.4	704.9	639	705.4	704.9	639.1	705.4	700.6
BT		643	704.6	701	647	703.8	702	651	703.7	703
BT		686	703	703						
X1	40	44	386.5	419.5	210	220	215			
X3				273		533				
GR	705.85		704.8	20	704.44	40	703.84	60	703.46	80
GR	702.96	100	702.55	120	702.34	140	702.13	160	702	180
GR	702	260	701.95	280	701.8	300	701.7	314.5	701.69	320
GR	701.8	340	702.33	360	703.68	380	702.57	386.5	697.49	400.5
GR	697.36	401.5	697.36	410.5	697.49	411.5	701.62	419.5	703.35	440
GR	703.42	460	703.23	480	703.04	500	703	520	703	540
GR	703.07	560	703.25	580	703.44	599.7	703.44	600	703.63	620
GR	703.83	640	704.06	660	704.92	680	705.84	700	706.37	720
GR	706.9	740	707	760	707	780	707.08	797.4		

X1	40.5	23	373	422	166	187	182			
X3				333		463				
GR	712.6		710.6	4	708.6	15	706.6	50	704.6	110
GR	702.6	352	702.6	373	700.6	378	698.6	380	697.5	385
GR	697.4	386	697.4	396	697.5	397	698.6	400	700.6	403
GR	702.6	413	704.6	422	704.6	628	706.6	758	708.6	811
GR	710.6	824	710.6	957	712.6	1000				
NC				.3	.5					
X1	41.0	13	19.1	138.9	104	107	105			
X3	10							710.5	709.3	
GR	710.5		710.4	8.6	710.4	8.7	705.2	.19.1	705.2	23.1
GR	697.7	40	697.6	80	697.7	120	704.5	135.7	704.5	138.9
GR	709.3	148.8	709.3	148.9	709.2	160				
WEST APPLETON AVENUE										
SB	11.05	1.56	3.0		80	5	1049.6	2		
X1	42.0				91	91	91			
X2			1	708	709.3					
X3	10							710.5	709.3	
BT	-8		710.6	710.5	8.6	710.5	710.4	8.7	713.5	710.4
BT		19.1	713.4	708	138.9	712.4	707.2	148.8	712.4	709.3
BT		148.9	709.4	709.3	160	709.3	709.2			
X1	43.0	43	425.5	464.5	89	115	94			
X3				355		575				
GR	709.86		709.13	20	708.48	40	707.79	60	707.1	80
GR	706.54	100	706.02	120	705.48	140	704.96	160	704.51	180
GR	704.04	200	703.92	220	703.75	240	703.58	260	703.41	280
GR	703.24	300	703.01	320	703	340	703	400	702.76	420
GR	702.28	425.5	697.94	436.5	697.64	437.5	697.64	450.5	697.94	451.5
GR	701.21	464.5	701.96	480	702.55	500	703.13	520	703.7	540
GR	704.14	560	704.44	580	704.55	587.3	704.75	600	705.08	620
GR	705.33	640	705.59	660	705.85	680	706.1	700	706.27	720
GR	706.38	735	707	780	708	855				
X1	44	43	437.5	476.5	76	54	62			
X3				317		637				
GR	711.67		710.64	20	710.06	40	709.35	60	708.42	80
GR	707.59	100	706.86	120	706.31	140	705.45	160	704.6	180
GR	704	200	703.88	220	703.76	240	703.66	260	703.56	280
GR	703.45	300	703.34	320	703.23	340	703.12	360	703.01	380
GR	702.86	400	702.48	420	702.11	437.5	697.97	448.5	697.67	449.5
GR	697.67	462.5	697.97	463.5	702.14	476.5	702.45	480	703	500
GR	703.07	520	703.27	540	703.75	560	704.35	580	704.36	580.1
GR	704.8	600	705.17	620	705.43	640	705.7	660	705.96	680
GR	706.38	725	707	780	708	845				

NC	0.1	0.1	0.035							
X1	45	21	441	489	57	57	57			
X3				283		705				
GR	712.6		710.6	52	708.6	84	706.6	147	704.6	227
GR	702.6	441	700.6	445	698.6	449	698.0	452	697.7	453
GR	697.7	466	698	467	698.6	472	700.6	477	702.6	480
GR	704.6	489	704.6	569	706.6	625	708.6	777	710.6	1157
GR	712.6	1283								
X1	46	50	470.5	509.5	132	117	123			
GR	714.99		713.95	20	712.9	40	711.72	60	710.67	80
GR	709.66	100	708.85	120	708.05	140	707.28	160	706.67	180
GR	706.1	200	705.45	220	704.72	240	704.03	260	704.09	280
GR	704.26	300	704.37	320	704.47	340	704.57	360	704.67	380
GR	704.77	400	706	420	704.52	440	702.7	460	702.45	470.5
GR	698.05	481.5	697.85	482.5	697.85	495.5	698.05	496.5	702.97	509.5
GR	703.37	520	703	540	703	560	703	580	703.49	600
GR	704.08	620	704.5	640	704.91	660	705.22	680	705.49	700
GR	705.51	701.3	705.76	720	706	740	706.1	760	706.3	780
GR	706.51	800	706.72	820	706.98	840	707.36	860	707.68	877.5
NC				0.1	0.3					
X1	46.5	43	407.5	448.5	187	187	187			
GR	712.14		710.55	20	709.4	40	708.52	60	707.69	80
GR	706.85	100	705.86	120	705.12	140	705.04	160	705	180
GR	704.7	200	704.12	220	704	240	704	260	704.17	280
GR	704.49	300	704.83	320	705.26	340	707.8	360	707.27	380
GR	703.96	400	703.33	407.5	698.27	419.5	698.07	420.5	698.07	433.5
GR	698.27	434.5	703.1	448.5	704	460	704	600	704.44	620
GR	704.91	640	705	660	705	680	703.78	700	703.98	720
GR	704.29	740	704.57	760	704.42	780	704.19	800	705.85	820
GR	706.37	840	706.6	860	706.64	864				
X1	47	24	410	452	192	192	192			
GR	712.6		710.6	42	708.6	75	706.6	124	704.6	170
GR	702.6	410	700.6	413	698.6	418	698.4	422	698.3	423
GR	698.3	436	698.4	437	698.6	444	700.6	447	702.6	452
GR	704.6	457	704.6	468	702.6	500	702.6	582	704.6	880
GR	706.6	1048	708.6	1146	710.6	1211	712.6	1240		
X1	47.5	47	373	416	244	244	244			
GR	710.73		710.15	20	709.64	40	709.17	60	708.7	80
GR	708.27	100	707.7	120	706.85	140	705.67	160	705	180
GR	705	200	704.92	220	704.81	240	704.69	260	704.57	280
GR	704.45	300	704.33	320	704.21	340	704.09	360	704.36	373
GR	699.5	385	698.65	386	698.65	408	699.5	409	702.45	416
GR	702.55	420	703	440	703.02	460	703.12	480	703.22	500
GR	703.32	520	703.41	540	703.51	560	703.61	580	703.73	600

GR	703.87	620	704.01	640	704.2	660	704.4	680	704.6	700
GR	704.79	720	704.99	740	705.46	760	706.05	780	707.05	800
GR	707.32	820	707.42	838.8						
X1	48	21	383	428	256	256	256			
GR	712.6		710.6	70	708.6	157	706.6	260	704.6	347
GR	702.6	383	700.6	396	699	400	699.0	403	699.0	404
GR	699.0	418	699	419	699	422	700.6	425	702.6	428
GR	704.6	440	704.6	755	706.6	900	708.6	1075	710.6	1145
GR	712.6	1237								
X1	48.5	51	352.5	392.5	251	251	251			
GR	709.53		708.66	20	707.87	40	707.33	60	706.78	80
GR	706.23	100	705.84	120	705.66	140	705.49	160	705.31	180
GR	705.13	200	704.85	220	704.29	240	703.36	260	704	280
GR	704	300	703.92	320	703.46	340	702.99	352.5	700.20	366.5
GR	699.35	367.5	699.35	382.5	700.2	383.5	702.24	392.5	702.13	400
GR	702.28	420	702.68	440	703.63	460	704.03	480	704.15	500
GR	704.27	520	704.4	540	704.52	560	704.64	580	704.76	600
GR	704.88	620	705.08	640	705.26	660	705.47	680	705.67	700
GR	705.88	720	706	740	706.13	760	706.37	780	706.61	800
GR	706.71	820	706.69	840	706.99	860	707	880	707.05	900
GR	707.44	917.3								
X1	49	18	363	403	247	247	247			
GR	712.6		710.6	80	708.6	110	706.6	170	704.6	363
GR	700.6	371	699.8	377	699.7	378	699.7	388	699.8	389
GR	700.6	396	702.6	400	704.6	403	704.6	623	706.6	873
GR	708.6	961	710.6	1143	712.6	1285				
X1	49.5	41	389	429	252	252	252			
GR	724.73		721.02	20	717.63	40	714.73	60	711.68	80
GR	708.8	100	707.19	120	706	140	706	300	705.8	320
GR	705.46	340	705.11	360	704.55	380	704.36	389	700.3	406
GR	700.05	407	700.05	415	700.3	416	704.65	429	704.99	440
GR	705	460	704.85	480	704.66	500	704.66	520	704.81	540
GR	704.96	560	705	580	704.85	600	704.81	620	704.86	640
GR	704.91	660	704.97	680	705.17	700	705.67	720	705.84	740
GR	705.96	760	706	780	706	840	706.27	860	706.75	880
GR	707	900								
X1	50	23	402	441	249	249	249			
GR	714.6		712.6	59	710.6	102	708.6	140	706.6	204
GR	704.6	228	704.6	272	706.6	381	706.6	402	704.6	406
GR	702.6	411	700.8	421	700.4	422	700.4	429	700.8	430
GR	702.6	433	704.6	438	706.6	441	706.6	1125	708.6	1247
GR	710.6	1420	712.6	1518	714.6	1545				

X1	50.5	43	439.5	479.5	223	229	226			
GR	708.1		710.49	20	711	40	711	60	708.33	80
GR	707.04	100	706.58	120	706.13	140	706	160	706	320
GR	705	340	705	360	705.03	380	705.54	400	705.97	420
GR	705.91	439.5	701.65	457.5	700.75	458.5	700.75	467.5	701.65	468.5
GR	705.07	479.5	705.07	480	706	500	706	520	706	540
GR	706.05	560	706.22	580	706.34	600	706.46	620	706.59	640
GR	706.72	660	706.85	680	706.99	700	707.9	720	709.19	740
GR	710.37	760	710.95	780	713.53	800	716.66	820	719.90	840
GR	722.58	860	724.69	880	725	894.7				
NC	.14	.14	.045							
X1	51	19	380	421	223	198	211			
GR	714.6		712.6	51	710.6	135	708.6	227	706.6	310
GR	706.6	380	704.6	383	702.6	389	702.5	397	701.1	398
GR	701.1	409	702.5	410	702.6	414	704.6	417	706.6	421
GR	706.6	737	708.6	1046	710.6	1409	712.6	1600		
X1	51.5	35	370.5	410.5	246	240	243			
GR	725.18		724.18	20	722.58	40	721.17	60	719.51	80
GR	712.73	100	710.41	120	709.37	140	708.09	160	706.57	180
GR	706.39	191.1	706.39	200	706	220	706	360	705.52	370.5
GR	702.7	382.5	701.4	383.5	701.4	394.5	702.7	395.5	705.99	410.5
GR	706.61	420	707	440	707	780	707.52	800	708.32	820
GR	708.22	840	708	860	708.15	880	708.15	900	708.02	920
GR	708	925.7	710	1125	711	1140	712	1165	712.9	1225
X1	52	24	355	396	263	238	250			
GR	714.6		712.6	53	710.6	143	708.6	159	706.6	175
GR	706.6	250	708.6	325	708.6	352	706.6	355	704.6	358
GR	702.9	363	701.7	364	701.7	376	702.9	377	704.6	393
GR	706.6	396	708.6	400	708.6	418	706.6	426	706.6	648
GR	708.6	795	710.6	1111	710.6	1150	712.6	1388		
NC				0.3	0.5					
X1	52.5	43	275.5	313.5	254	254	254			
GR	725.85		725.74	20	725.42	40	719.37	60	713.42	80
GR	711.72	100	710.53	120	708.81	140	706.37	160	706	180
GR	706	200	706	220	706	230.6	706	240	706.03	260
GR	706.29	275.5	703.1	286.5	702.05	287.5	702.05	296.5	703.1	297.5
GR	706.87	313.5	706.95	320	707	340	707	595	707.22	615
GR	707.52	635	707.81	655	708.15	675	708.26	682	708.46	695
GR	708.76	715	709.2	735	710.16	755	710.95	775	710.98	795
GR	710.18	815	709.19	835	709.12	855	709.6	866	710	931
GR	711	1026	713	1191	713	1211				

X1	53	19	281	318	249	249	249			
X3				150	710.04	789	709.14			
GR	714.6		712.6	91	710.6	157	708.6	236	708.6	278
GR	706.6	281	704.6	286	703.3	296	702.4	297	702.4	304
GR	703.3	305	704.6	313	706.6	318	706.6	371	708.6	394
GR	708.6	504	710.6	664	712.6	1105	714.6	1342		
X1	53.5	33	304.5	341.5	183	183	183			
X3				186	710.74	687	709.84			
GR	723		723	100	722.76	120	720.79	140	716.07	160
GR	711.54	180	708.46	200	707.44	220	706.86	240	706.57	260
GR	706.28	280	706	300	706	304.5	703.91	319.5	702.66	320.5
GR	702.66	327.5	703.91	328.5	706.02	341.5	706.26	360	706.53	380
GR	706.78	400	707	420	707	520	707.17	540	707.61	560
GR	708.08	580	708.84	600	709.37	620	709.82	640	710	651
GR	711	886	712	906	712	936				
X1	54	44	382.5	417.5	184	184	184			
X3				270	710.93	685	710.03			
GR	727.27		725.51	20	721.97	40	722	60	722	120
GR	721.82	140	721.55	160	721.28	180	720.96	200	717.37	220
GR	713.1	240	709.08	260	707.9	280	707.65	300	707.4	320
GR	707.25	340	707.12	360	706.36	380	706.31	382.5	704.16	395.5
GR	702.91	396.5	702.91	403.5	704.16	404.5	706.06	417.5	706.07	420
GR	706.29	440	706.38	460	706.47	480	706.56	500	706.64	520
GR	706.73	540	706.83	560	706.91	575	706.94	580	707.22	600
GR	707.64	620	708.19	640	709.09	660	709.38	670.8	709.6	680
GR	710	695	711	1000	712	1035	712.1	1046		
X1	55	36	224.5	257.5	72	72	72			
X3				119	711.01	491	710.11			
GR	721.74		720.63	20	717.77	40	713.87	60	710.72	80
GR	709.18	100	707.94	120	707.75	140	707.56	160	707.37	180
GR	707.19	200	707	220	706.95	224.5	704.26	235.5	703.01	236.5
GR	703.01	243.5	704.26	244.5	706.57	257.5	706.54	260	706.48	280
GR	706.65	300	706.83	320	706.97	340	707.00	360	707	420
GR	707.06	440	707.69	460	708.20	480	708.63	500	709.22	520
GR	709.32	523.7	710	541	711	576	711	874	712	904
GR	712.2	918								
NC	0.1	0.1	0.035							
X1	56	20	302	333	63	63	63			
X3				223	711.08	498	710.18			
GR	712.6	85	710.6	100	708.6	225	708.6	292	706.6	302
GR	704.7	312	703.1	313	703.1	319	704.7	320	706.6	333
GR	708.6	401	708.6	434	710.6	440	710.6	480	709.6	557
GR	710	623	711	653	711	945	712	955	712.5	985

NH	5	0.1	278	0.035	321	0.1	678	10	758	0.1
NH	825									
WEST MILL ROAD / FOND DU LAC AVENUE										
X1	57	29	278	321	50	50	50			
X3	10							710.3	709.5	
GR	712.2	84	710.3	100	708.7	200	708.6	209	707.4	250
GR	706.9	269.3	706.9	269.4	706.6	278	704.8	281	703.2	283.5
GR	703.8	292	703.3	300	703.2	309	704.7	316.5	706.6	321
GR	706.9	330.6	706.9	330.7	707.5	350	708.6	385	708.6	400
GR	708.6	418	708.7	423	708.9	440	709.6	500	710.2	600
GR	712	675	712	678	712	758	713	825		
SB		1.56	3.0		33		160.2			
X1	58				80	80	80			
X2			1	708.4	710.2					
X3	10							711.1	710.2	
BT	-24	84	712.2	712.2	100	712	710.3	200	711.1	708.7
BT		209	711.1	708.6	250	711.3	707.4	269.3	711.5	706.9
BT		269.4	712.1	706.9	278	712.1	706.6	281	712.1	704.8
BT		283.5	712.1	708.4	316.5	712.1	708.4	321	712.1	706.6
BT		330.6	712.1	706.9	330.7	711.5	706.9	350	711.3	707.5
BT		385	710.8	708.6	400	710.6	708.6	418	710.4	708.6
BT		423	710.3	708.7	440	710.2	708.9	500	710.8	709.6
BT		600	711.5	710.2	675	712	712	825	713	713
NC	0.035	0.035	0.035							
X1	59	19	18.7	228.7	740	815	780			
X3	10							729.3	726.4	
GR	724.6	12.4	724.6	13.4	723.1	13.6	722	18.7	710.8	42.2
GR	705.3	53.7	703.7	120	705.1	136.3	710.8	147.6	710.8	159.6
GR	710.3	159.7	710.6	180	710.2	199.6	710.7	199.7	710.1	206.1
GR	719.3	225	719.4	228.7	721.6	229	721.6	230.2		
ROUTE 145										
SB	.9	1.56	3.0		61	6	2894.9	3.48		
X1	59.3				130	130	130			
X2			1	725.1	726.4					
X3	10							729.3	726.4	
BT	-6	12.4	729.8	724.6	13.4	729.7	725.1	42.2	729.3	724.7
BT		147.6	727.7	723.4	229	726.5	722.3	230.2	726.4	721.6
X1	59.6	19	242.5	356.5	98	98	98			
X3	10							708.7	709.1	
GR	716.6		714.6	56	712.6	117	710.6	159	710.4	240
GR	710.2	242.4	710.2	242.5	708.7	247.2	705.5	259.3	703.7	263
GR	703.7	338	705.9	342	709.1	352.3	710.7	356.5	710.7	356.6
GR	710.7	1174	712.6	1293	714.6	1340	716.6	1353		
LEON TERRACE										

SB	1.05	1.56	3.0		69	5	468.3	3.34		
X1	60.0				40	40	40			
X2			1	709.1	710.4					
X3	10							710.4	710.7	
BT	-6	242.4	710.4	710.4	242.5	712.4	710.4	247.2	712.41	708.7
BT		352.3	712.69	709.1	356.5	712.7	710.7	356.6	710.7	710.7
X1	61	50	743.5	784.5	29	29	29			
X3				629		834				
GR	715		711.52	90	710.86	110	710.28	130	709.82	150
GR	709.45	170	709.1	190	709	210	709	430	708.86	450
GR	708.76	470	708.69	490	708.53	510	708.12	530	708	550
GR	708	743.5	705.41	759.5	703.71	760.5	703.71	769.5	705.41	770.5
GR	708	784.5	708	850	708.09	870	708.32	890	708.54	910
GR	708.96	930	708.55	950	708.24	970	708.22	990	708.34	1010
GR	709	1030	709	1050	709.07	1070	709.11	1090	709.15	1110
GR	709.43	1130	709.71	1150	709.94	1170	709.41	1190	709.52	1210
GR	709.96	1230	710.91	1250	710.42	1270	711.3	1290	711.74	1310
GR	712.11	1330	712.34	1350	712.57	1370	712.76	1382	715	1422
X1	62	55	722	762	36	76	56			
X3				527		874				
GR	715		711.7	80	710.9	100	710.18	120	709.79	140
GR	709.51	160	709.23	180	709	200	709	420	708.79	440
GR	708.7	460	708.61	480	708.58	500	708.17	520	708	540
GR	708	722	705.32	737	703.72	738	703.72	748	705.32	749
GR	708.01	762	708.08	780	708.2	800	708.25	820	708.32	840
GR	708.39	860	708.46	880	708.53	900	708.6	920	708.67	938
GR	708.67	940	708.76	960	708.85	980	708.94	1000	709	1020
GR	709	1040	709.20	1060	709.39	1080	709.59	1100	709.73	1120
GR	709.86	1140	710.00	1160	709.98	1180	710.32	1200	710.51	1220
GR	710.69	1240	710.88	1260	711.08	1280	711.31	1300	711.54	1320
GR	711.78	1340	712.03	1360	712.45	1380	712.77	1393	715	1448
X1	63	71	632.5	670.5	105	175	145			
X3				592		1052				
GR	724.54		718.95	20	716.96	40	715.67	60	714.55	80
GR	713.31	100	712.08	120	710.95	140	710.55	160	710.15	180
GR	709.8	200	709.53	220	709.3	240	709.06	260	709	280
GR	709	440	708.9	460	708.57	480	708.38	500	708.32	520
GR	708.29	540	708.16	560	708	580	708	632.5	705.26	646.5
GR	703.76	647.5	703.76	658.5	705.26	659.5	708	670.5	708	700
GR	708.06	710.9	708.04	720	708.05	740	708.06	760	708.08	780
GR	708.09	800	708.11	820	708.13	840	708.16	860	708.19	880
GR	708.26	900	708.33	920	708.4	940	708.47	960	708.53	980
GR	708.58	1000	708.66	1020	708.74	1040	708.82	1060	708.9	1080
GR	708.99	1100	709.12	1120	709.25	1140	709.39	1160	709.53	1180
GR	709.67	1200	709.8	1220	709.92	1240	710.03	1260	710.21	1280
GR	710.38	1300	710.54	1320	710.72	1340	710.9	1360	711.12	1380
GR	711.36	1400	711.59	1419	712	1459	713	1499	714	1529

GR	715	1549								
NC	0.08	0.1	0.035							
X1	64	70	433.5	469.5	212	152	182			
X3				392		1052				
GR	719.6		716.53	20	715.3	40	714.47	60	713.36	80
GR	712.61	100	711.99	120	711.52	140	711.15	160	710.66	180
GR	710	200	710	220	709.51	240	709	260	709	400
GR	708.9	420	708.29	433.5	705.14	445.5	703.84	446.5	703.84	459.5
GR	705.14	460	708	469.5	708	480	708.03	500	708.15	520
GR	708.26	537	708.26	540	708.22	560	708.24	580	708.26	600
GR	708.27	620	708.24	640	708.16	660	708.17	680	708.15	700
GR	708.17	720	708.19	740	708.21	760	708.23	780	708.25	800
GR	708.26	820	708.28	840	708.3	860	708.33	880	708.39	900
GR	708.46	920	708.53	940	708.6	960	708.67	980	708.74	1000
GR	708.81	1020	708.88	1040	708.95	1060	709.05	1080	709.19	1100
GR	709.32	1120	709.45	1140	709.56	1160	709.67	1180	709.77	1200
GR	709.88	1220	709.98	1240	710.13	1260	710.32	1280	710.4	1288
GR	711	1348	712	1428	713	1468	714	1493	715	1518
NC	0.1	0.08	0.035							
X1	65	71	355	390	125	45	85			
X3				303		1053				
GR	720.84		718.1	20	716.62	40	714.8	60	714.1	80
GR	713.55	100	713	120	712.81	140	712.24	160	711.32	180
GR	710.61	200	709.56	220	709	240	709	300	708.74	320
GR	708.3	340	708.08	355	704.99	366	703.89	367	703.89	381
GR	704.99	382	708.04	390	708.08	400	708.6	420	708.39	440
GR	708.43	460	708.4	480	708.43	500	708.48	520	708.46	540
GR	708.39	560	708.32	580	708.34	600	708.32	620	708.35	640
GR	708.38	660	708.41	673.1	708.41	680	708.43	700	708.44	720
GR	708.45	740	708.47	760	708.48	780	708.5	800	708.51	820
GR	708.53	840	708.54	860	708.55	880	708.58	900	708.65	920
GR	708.72	940	708.79	960	708.86	980	708.93	1000	709	1020
GR	709.01	1040	709.13	1060	709.25	1080	709.37	1100	709.47	1120
GR	709.59	1140	709.71	1160	709.82	1180	709.94	1200	710.11	1220
GR	710.27	1236.4	711	1301	712	1374	713	1414	714	1439
GR	715	1464								
NC	0.08	0.08	0.035							
X1	66	78	402.5	435.5	208	158	178			
X3				284		1426				
GR	733.59		731.90	20	728.42	40	724.03	60	720.64	80
GR	719.58	100	718.56	120	717.85	140	717.28	160	716.7	180
GR	716.05	200	715.18	220	714.42	240	713.69	260	712.1	280
GR	711.1	300	710.41	320	709.86	340	709.52	360	708.89	380
GR	708.26	400	708.22	402.5	704.96	412.5	703.96	413.5	703.96	428.5
GR	704.96	429.5	708.28	435.5	708.33	440	709	460	708.94	480
GR	708.86	500	708.78	520	708.7	540	708.65	560	708.6	580
GR	708.56	600	708.57	620	708.58	640	708.59	660	708.6	680
GR	708.62	700	708.63	720	708.64	740	708.65	760	708.66	780

GR	708.68	800	708.69	820	708.7	840	708.71	860	708.73	880
GR	708.74	900	708.75	920	708.76	940	708.77	960	708.79	980
GR	708.84	1000	708.91	1020	708.98	1040	709	1060	709	1080
GR	709.11	1100	709.22	1120	709.33	1140	709.44	1160	709.55	1180
GR	709.66	1200	709.77	1220	709.88	1240	709.99	1260	710.16	1280
GR	710.35	1300	710.54	1320	710.6	1326.8	711	1367	712	1432
GR	713	1487	714	1502	715	1522				
X1	67	20	378	410	105	55	80			
X3				224		1111				
GR	716.6		714.6	138	712.6	210	710.6	342	708.6	378
GR	706.6	381	704.9	387	704	388	704	404	704.9	405
GR	706.6	408	708.6	410	710.6	417	710.6	431	708.6	442
GR	708.6	820	710.6	1255	712.6	1380	714.6	1438	716.6	1492
NC				0.1	0.3					
X1	67.5	48	785.5	819.5	257	237	247			
GR	710.22		710.07	20	709.97	40	709.83	60	709.73	80
GR	709.62	100	709.48	120	709.33	140	709.19	160	709.05	180
GR	709	200	709	760	708.42	780	708.43	785.5	704.95	796.5
GR	704.15	797.5	704.15	810.5	704.95	811.5	709.59	819.5	709.62	820
GR	710.27	840	710.06	860	710.27	880	710.52	900	710.8	920
GR	711.12	940	711.51	960	711.89	980	712.22	1000	712.57	1020
GR	712.65	1024	712.94	1040	713.25	1060	713.5	1080	714.27	1100
GR	715.59	1120	716.72	1140	717.97	1160	718.86	1180	719.82	1200
GR	720.35	1220	721.40	1240	722.46	1260	723.38	1280	724.21	1300
GR	724.72	1320	725.28	1340	725.72	1352.7				
NC	0.1	0.07	0.035							
X1	68	17	293	328	251	259	255			
GR	716.6		714.6	26	712.6	70	710.6	127	708.6	293
GR	706.6	299	705	305	704.3	306	704.3	316	705	317
GR	706.6	323	708.6	328	708.6	654	710.6	1092	712.6	1228
GR	714.6	1305	716.6	1370						
X1	68.5	53	433	468	249	249	249			
GR	728.03		726.52	20	725.03	40	723.09	60	720.99	80
GR	719.51	100	718.41	120	717.33	140	716.11	160	714.90	180
GR	713.51	200	712.57	220	711.8	240	710.92	260	710	280
GR	710	400	709.83	420	709.28	433	705.05	446	704.45	447
GR	704.45	455	705.05	456	708.85	468	709	480	709	860
GR	709.06	880	709.18	900	709.29	920	709.40	940	709.51	960
GR	709.6	980	709.68	1000	709.78	1020	709.88	1040	709.98	1060
GR	710	1080	710	1200	710.07	1220	710.39	1240	710.68	1260
GR	710.99	1280	711.43	1300	711.91	1320	712.17	1340	712.42	1360
GR	712.78	1380	713.38	1400	714.06	1420	714.43	1440	714.80	1460
GR	715.36	1480	716.16	1500	716.31	1505.40				

X1	69.0	17	570	610	236	276	256			
GR	714.6		712.60	180	710.60	423	710.60	570	708.60	576
GR	706.60	581	705.10	590	704.60	591	704.60	597	705.10	598
GR	706.60	600	708.60	610	708.60	804	710.60	1340	712.60	1454
GR	714.60	1572	716.60	1608						
NC	0.05	0.05	0.04							
X1	69.5	78	652	695	254	254	254			
GR	725.55		723.98	20	722.42	40	720.85	60	719.77	80
GR	719.33	100	719.00	120	719.00	160	718.56	180	715.28	200
GR	713.96	220	712.76	240	712.36	260	712.06	280	711.69	300
GR	711.34	320	711.06	340	710.95	360	710.87	380	710.80	400
GR	710.71	420	710.62	440	710.54	460	710.48	474.7	710.44	480
GR	710.31	500	710.17	520	710.04	540	710.00	560	710.00	620
GR	709.88	640	709.27	652	705.10	666	704.75	667	704.75	677
GR	705.10	678	709.71	695	709.79	700	709.90	720	709.72	740
GR	709.53	760	709.32	780	709.13	800	709.00	820	709.00	900
GR	709.11	920	709.29	940	709.42	960	709.55	980	709.68	1000
GR	709.81	1020	709.94	1040	710.14	1060	710.55	1080	710.59	1100
GR	710.82	1120	710.85	1140	710.87	1160	710.97	1180	711.00	1200
GR	711.35	1220	711.00	1240	711.00	1360	711.17	1380	711.34	1400
GR	711.51	1420	711.68	1440	711.84	1460	712.05	1480	712.44	1500
GR	712.82	1520	713.34	1540	714.01	1560	714.30	1580	714.61	1600
GR	714.92	1620	715.45	1640	716.12	1660				
X1	70.0	20	512	563	236	264	250			
GR	716.6		714.60	31	712.60	70	710.60	160	708.80	380
GR	710.60	506	708.60	512	706.60	520	705.10	526	704.90	527
GR	704.90	540	705.10	541	706.60	543	708.60	563	710.10	780
GR	710.60	983	712.60	1235	713.80	1338	714.60	1493	716.60	1545
NC	0.1	0.1	0.035							
X1	70.3	52	444	467	192	168	180			
GR	723.00		723.00	20	722.90	40	722.32	60	721.54	80
GR	720.66	100	718.71	120	716.19	140	714.19	160	713.98	180
GR	714.02	200	713.75	220	713.68	240	712.83	260	710.27	280
GR	710.00	300	710.00	320	709.92	340	709.75	360	709.59	380
GR	706.74	444	705.24	450	705.04	451	705.04	464	705.24	465
GR	706.74	467	709.11	520	709.06	540	709.01	560	709.00	580
GR	709.18	600	709.00	620	709.01	640	709.20	660	709.09	663.65
GR	709.85	680	709.73	700	709.77	720	709.96	740	710.00	760
GR	710.01	840	710.23	860	710.45	880	710.67	900	710.93	920
GR	711.00	940	711.00	1020	710.14	1040	709.03	1060	711.27	1080
GR	717.02	1100	718.00	1112.29						

QT	7	179	299	388	506	599	695	931		
X1	70.6	61	540	580	203	197	200			
GR	716.98		715.49	20	714.5	40	713.57	60	712.72	80
GR	712.18	100	711.64	120	711.06	140	710.64	160	710.19	180
GR	709.94	200	709.85	220	709.75	240	709.65	260	709.55	279.08
GR	709.55	280	709.46	300	709.36	320	709.27	340	709.17	360
GR	709.08	380	709	400	709	480	709.27	500	709.83	520
GR	708.71	540	706.94	549	705.4	555	705.2	556	705.2	569
GR	705.4	570	705.2	572	709.12	580	709.33	600	709.55	620
GR	709.76	640	709.98	660	710	680	710	740	710	757.18
GR	710	760	710.14	780	710.3	800	710.47	820	710.63	840
GR	710.69	860	710.79	880	710.91	900	711.01	920	711.13	940
GR	711.44	960	711.6	980	711.96	1000	712.76	1020	713.83	1040
GR	714	1060	713.12	1080	709.89	1100	714.93	1120	716.27	1140
GR	717	1152.34								
NC				0.3	0.5					
X1	71	18	597	627	185	193	189			
X3				112	712.62	1127	711.82			
GR	714.6		712.6	52	710.6	148	708.6	400	708.6	597
GR	706.6	608	705.4	610	705.3	611	705.3	618	705.4	619
GR	706.6	622	708.6	627	710.6	634	712.6	640	712.6	652
GR	710.6	787	712.6	1157	714.6	1591				
X1	71.5	62	720	760	253	250	252			
X3				255	712.64	1011	711.84			
GR	723.41		721.19	20	717.98	40	715.94	60	715.43	80
GR	714.99	100	713.98	120	713.22	140	712.61	160	712.06	180
GR	711.57	200	711.09	220	710.87	228.98	710.58	240	710.07	260
GR	709.93	280	709.86	300	709.78	320	709.71	340	709.63	360
GR	709.55	380	709.48	400	709.4	420	709.32	440	709.25	460
GR	709.17	480	709.1	500	709.03	520	709	540	709	620
GR	709.18	640	709.65	660	710	680	710	700	709.38	720
GR	706.75	732	705.55	734	705.45	735	705.45	742	705.55	743
GR	706.75	746	709.27	760	709.96	780	710	800	710.01	860
GR	710.11	880	710.2	900	710.24	908.11	710.29	920	710.38	940
GR	710.48	960	710.58	980	710.68	1000	710.78	1020	710.89	1040
GR	710.99	1060	711	1080	711	1100	713.46	1120	717.37	1140
GR	717.74	1160	717.98	1173.59						
X1	72	18	524	544	233	263	248			
X3				139	712.66	674	711.86			
GR	714.6		712.6	46	710.6	71	708.6	247	708.6	260
GR	710.6	496	710.6	518	708.6	524	706.6	527	705.8	529
GR	705.6	530	705.6	538	705.8	539	706.6	542	708.6	544
GR	710.6	750	712.6	991	714.6	1143				

X1	73	41	480	540	315	296	291			
X3				368	712.69	560	711.89			
GR	715.97		715.26	20	714.76	40	714.36	60	713.88	80
GR	713.14	100	712.16	120	711.34	140	710.85	160	710.54	180
GR	710.25	200	710	220	710.00	440	709.86	460	709.50	480
GR	708.8	493	706	498	705.77	499	705.77	517	706	518
GR	708	523	709.19	540	709.36	560	709.53	580	709.7	600
GR	709.87	620	710.05	640	710.27	660	710.48	680	710.69	700
GR	710.9	720	711.18	740	711.51	760	711.83	780	713.41	800
GR	716.54	820	718.85	840	719.76	860	719.65	880	719.48	900
GR	718.47	913.49								

X1	74	51	543	586	151	124	141			
X3	10							711.9	712.1	
GR	717.54		716.44	20	715.75	40	715.27	60	714.7	80
GR	714.15	100	713.66	120	713.17	140	712.74	160	712.49	180
GR	711.85	200	711.38	220	711.18	240	710.95	260	711.17	280
GR	711.39	300	710.83	320	710.79	340	710.78	360	710.78	380
GR	710.7	400	710.52	420	710.56	440	710.81	460	710.63	480
GR	710.43	500	710.37	520	710.19	540	710.14	543	708.7	546
GR	706.1	549	705.84	550	705.84	582	706.1	583	708.7	586
GR	710.66	600	712	620	712	640	711.53	660	711.41	680
GR	711.5	700	711.31	720	711	740	711.28	760	712.03	780
GR	712.41	800	712.78	820	713.7	840	717.46	860	719	880
GR	719	940								

FOOT PATH BRIDGE (bridge not in FIS HEC-2 model)

SB		1.56	3.0			19	129.8	0		
X1	75	47	556.5	575.5	6	6	6			
X2			1	712.7	711.9					
X3	10							711.9	712.1	
BT	-43	0	719.23	719.23	20	718.49	717.01	40	717.74	715.95
BT		60	717	715.62	80	716.41	714.77	100	715.82	714.09
BT		120	715.24	713.51	140	714.68	713.01	160	714.14	712.34
BT		180	713.84	711.63	200	713.63	711.38	220	713.41	711
BT		280	712.87	711	300	712.75	710.88	320	712.64	710.64
BT		340	712.52	710.53	360	712.4	710.27	380	712.28	710
BT		443	711.9	710	540	713	710	543	713.13	708.47
BT		544	713.15	706.17	556.4	713.7	705.87	556.5	713.7	712.7
BT		566	713.7	712.7	575.5	713.7	712.7	575.6	713.7	705.87
BT		588	713.67	706.17	589	713.67	708.47	600	713.65	710
BT		660	713.53	710	680	713.49	710.13	700	713.45	710.4
BT		720	713.41	710.67	740	713.40	710.94	760	713.36	711.04
BT		772	713.3	711.17	780	713.17	711.26	800	712.86	711.49
BT		820	712.54	711.71	840	712.23	711.92	848	712.1	712.1
BT		860	713.03	713.03						
GR	719.23		717.01	20	715.95	40	715.62	60	714.77	80
GR	714.09	100	713.51	120	713.01	140	712.34	160	711.63	180
GR	711.38	200	711	220	711	280	710.88	300	710.64	320
GR	710.53	340	710.27	360	710	380	710	443	710	540
GR	708.47	543	706.17	544	705.87	556.4	705.87	556.5	705.87	566
GR	705.87	575.5	705.87	575.6	706.17	588	708.47	589	710	600

GR	710	660	710.13	680	710.4	700	710.67	720	710.94	740
GR	711.04	760	711.17	772	711.26	780	711.49	800	711.71	820
GR	711.92	840	712.1	848	713.03	860	716.08	880	718.32	900
GR	719	920	719	960						
X1	76.0	42	480	560	96	108	102			
X3				420	712.7	585	711.9			
GR	716		715.13	20	714.66	40	714.11	60	713.52	80
GR	712.92	100	712.4	120	711.82	140	711.44	160	711.19	180
GR	711	200	710.94	220	710.87	240	710.8	260	710.73	280
GR	710.66	300	710.39	320	710.13	340	710	360	710	480
GR	708.31	496	706.21	497	705.91	498	705.91	544	706.21	545
GR	708.31	546	710	560	710	600	710.34	620	710.65	640
GR	710.8	660	710.98	680	711.09	700	711.22	720	711.45	740
GR	711.67	760	711.89	780	712.44	800	714.14	820	717.49	840
GR	719	860	719	900						
X1	76.5	46	260	340	246	246	246			
GR	719.91		717.45	20	713.94	40	713.22	60	712.8	80
GR	712.52	100	712.28	120	712.04	140	712	160	711.89	180
GR	711.65	200	711.42	220	711.18	240	711	252.25	710.61	260
GR	708.25	270	706.35	271	706.05	272	706.05	328	706.35	329
GR	708.25	330	710.00	340	710.01	380	710.08	400	710.14	417.4
GR	710.15	420	710.21	440	710.27	460	710.34	480	710.4	500
GR	710.47	520	710.53	540	710.59	560	710.65	580	710.71	600
GR	710.76	620	710.84	640	710.92	660	710.99	680	711.59	700
GR	712.22	720	712.76	740	713.61	760	714.26	780	714.81	800
GR	715.16	806.4								
NC				0.1	0.3					
X1	77	19	475	563	207	260	240			
GR	718.6		716.6	58	714.6	120	712.6	170	710.6	225
GR	710.6	475	708.6	495	706.6	498	706.3	501	706.2	502
GR	706.2	549	706.3	550	706.6	558	708.6	563	710.6	675
GR	712.6	926	714.6	1000	716.6	1052	718.6	1085		
NC				0.3	0.5					
X1	77.5	40	332	400	264	270	267			
X3				57		689				
GR	715.91		714.87	20	713.88	40	713.1	60	712.53	80
GR	712.07	100	711.63	120	711.32	140	711.05	160	711	180
GR	711	200	711	220	711	240	710.83	260	710.67	280
GR	710.51	300	710.3	320	708.45	332	706.55	335	706.35	336
GR	706.35	380	706.55	381	710.08	400	710.28	420	710.44	440
GR	710.6	460	710.76	480	710.92	500	711	520	711	640
GR	711.03	660	711.35	680	711.65	700	711.99	720	712.72	740
GR	713.52	760	715.96	780	718.95	800	720.59	820	721	832.22

X1	78	19	240	330	249	245	247			
X3				87		521				
GR	720.6		718.6	10	716.6	22	714.6	50	712.6	109
GR	710.6	240	708.6	265	706.7	268	706.5	269	706.5	313
GR	706.7	314	708.6	320	710.6	330	710.6	640	712.6	740
GR	714.6	790	716.6	844	718.6	860	720.6	877		
X1	79	19	184	250	383	288	336			
X3				152		331				
GR	717.6		716.6	37	716.6	90	714.6	120	712.6	173
GR	710.6	184	708.6	190	707	193	706.7	194	706.7	241
GR	707	242	709.6	248	710.6	250	710.6	605	712.6	713
GR	714.6	778	716.6	825	718.6	842	720.6	860		
X1	79.3	26	266	332	50	50	50			
X3	10							721.8	721	
GR	717.6	82	717.1	100	716.6	118	716.6	172	714.6	200
GR	712.6	250	711.1	262.5	711.1	262.6	710.6	266	709.1	279.9
GR	706.8	294	706.8	300	707.9	309	709.2	315	710.3	320.1
GR	710.6	332	710.6	350	710.6	400	710.6	500	710.6	600
GR	710.6	687	710.9	700	712.6	800	714.3	850	714.6	860
GR	716.3	900								
WEST GOOD HOPE ROAD - REBUILT SINCE FEMA										
SB		1.56	3.0		25		661.7	4.94		
X1	79.6	14	223.1	332	120	120	120			
X2			1	715.9	721					
X3	10							721.8	721	
BT	-8	223	721.8	721.8	223.1	721.8	715.9	265	721.49	715.59
BT		266	721.48	715.58	289	721.32	715.42	290	721.31	715.41
BT		332	721	715.1	332.1	721	721			
GR	722.8		721.8	223	712.6	223.1	707.8	265	706.8	266
GR	706.8	289	707.8	290	712.6	332	721	332.1	720.4	392
GR	719.1	602	720	762	721	842	722	922		
X1	80	16	198	235	202	202	202			
X3				162		287				
GR	717.5		716.6	81	714.6	151	712.6	173	710.6	198
GR	708.6	205	708.3	209	706.8	210	706.8	222	708.3	223
GR	708.6	229	710.6	235	710.6	460	712.6	630	714.6	686
GR	716.6	797								
X1	81	50	400	460	78	82	80			
X3				400		550				
GR	723.76		722.8	20	721.75	40	720.6	60	719.53	80
GR	718.69	100	718.39	120	719.88	140	720.59	160	720.48	180
GR	720.27	200	720.36	220	720.1	240	717.56	260	716.46	280
GR	715.86	300	715.58	320	715.3	340	714.92	360	714.08	380
GR	712.78	400	711	420	708.7	428	708.4	432	706.9	433

GR	706.9	445	708.4	446	708.7	452	711	460	711	540
GR	711.19	560	711.38	580	711.47	600	711.95	620	713.05	640
GR	712.62	660	711.72	680	711.6	700	711.68	720	711.75	740
GR	711.82	760	711.89	780	711.96	800	712	820	712.16	840
GR	713.06	860	713.77	880	714.31	900	714.68	920	714.78	925

X1	82	15	299	352	111	171	141			
X3				246		391	713.9			
GR	717.5		716.6	134	714.6	222	712.6	279	710.6	299
GR	708.6	313	708.2	321	706.8	322	706.8	334	708.2	335
GR	708.6	340	710.6	352	712.6	955	714.6	1102	716.6	1240

X1	82.3	27	365	439	50	50	50			
X3	10							717.3	714	
GR	717.5	72	717	150	716.7	200	714.6	294	714.4	300
GR	712.6	350	709.9	365	708.5	375	707.8	379	706.8	390
GR	707.4	400	708.3	415	708.7	419	707.4	425	707.9	430.5
GR	709	439	709.1	450	709.4	500	710	600	710.6	700
GR	711.2	800	711.8	900	712.4	1000	712.6	1026	713.6	1100
GR	715	1200	716.6	1312						

NORTH GRANVILLE AVENUE - BRIDGE SKEWED

SB	1.05	1.56	3.0		53	3	418.2	1.59		
X1	82.6				93	93	93			
X2			1	713.4	714					
X3	10							717.3	714	
BT	-20	72	718.1	717.5	150	717.3	717	200	717.3	716.7
BT		294.4	717.6	714.6	300	717.6	714.4	350	717.5	712.6
BT		365	717.4	713.4	400	717.2	713.4	439	716.5	713.4
BT		450	716.3	709.1	500	715.6	709.4	600	715.4	710
BT		700	714	710.6	800	714.5	711.2	900	714.3	711.8
BT		1000	714.6	712.4	1026	714.7	712.6	1100	715	713.6
BT		1200	716.2	715	1312	717.5	716.6			

X1	83	18	111	141	20	20	20			
X3				61	717.36	151	714.06			
GR	715.63		715.67	20	715.49	40	713.99	60	711.51	80
GR	711.68	100	710.17	111	707.87	116	706.81	117	706.81	133
GR	707.87	134	710.17	141	711.14	146.7	714.36	160	714.48	180
GR	714.88	200	712.41	220	712.06	231.65				

NC	0.07	0.07	0.035							
X1	84	32	295	340	67	47	57			
X3				266	717.48	371	714.18			
GR	716.86		717.55	20	717.53	40	717.19	60	716.85	80
GR	715.93	100	714.99	120	714.37	137.01	714.28	140	713.43	160
GR	712.5	180	712.9	200	712.89	220	712.77	240	712.41	260
GR	711.45	280	710.12	295	707.82	300	706.91	301	706.91	317
GR	707.82	318	710.12	325	712	340	712	342.39	713.04	360
GR	714.35	380	714.51	400	713.78	417.85	713.48	420	711.94	440

GR	711.83	460	711.8	464.83						
X1	85	35	476	506	138	96	117			
X3				406	717.59	591	714.29			
GR	719.66		719.01	20	718.32	40	717.76	60	717.42	80
GR	717.03	100	716.76	120	716.49	140	716.21	160	715.86	180
GR	715.36	200	715.31	220	715.81	240	716.31	260	716.8	280
GR	716.75	300	716.28	320	715.39	340	713.47	360	712.12	380
GR	712	400	712	419.12	712	420	712	440	711.31	460
GR	710.22	476	707.92	481	707	482	707	498	707.92	499
GR	710.22	506	712	580	713.87	600	714	620	714	640
X1	86	48	550	580	102	108	110			
GR	723.38		722.87	20	722.18	40	721.6	60	721.01	80
GR	720.35	100	719.6	120	718.77	140	718.02	160	717.64	180
GR	717.27	200	716.92	220	716.65	240	716.38	260	716.1	280
GR	716	300	715.68	320	715.38	340	715.09	360	715.07	361.53
GR	714.89	380	714.69	400	714.49	420	713.55	440	713.28	460
GR	713.07	480	712.72	500	712.28	520	711.24	540	710.32	550
GR	707.92	555	707.08	556	707.08	572	707.92	573	710.32	580
GR	711.03	600	711.2	600	711.36	620	711.72	640	712	660
GR	712	680	712.53	700	713.52	720	714	740	714	760
GR	712.93	780	712	800	712	804.05				
NC				0.1	0.3					
X1	87	30	300	337	240	238	223			
GR	721.59		720.94	20	719.58	40	717.4	60	717.4	80
GR	717.41	100	717.41	120	717.19	140	716.92	160	715.72	180
GR	714.15	200	713.7	220	712.88	240	712.45	260	712.02	280
GR	711.89	300	710.52	307	708.22	312	707.23	313	707.23	329
GR	708.22	330	710.52	337	712.01	340	712.45	359.14	712.47	360
GR	712.94	380	714.26	400	714.82	420	715	440	715	450.54
X1	88	13	200	261	74	90	94			
GR	716.6		714.6	91	712.6	200	710.6	222	710.3	227
GR	707.6	228	707.3	244	710.2	245	710.6	252	712.6	261
GR	712.6	455	714.6	700	716.6	845				
X1	88.3	44	360	400	181	174	177			
GR	721.5		719.74	20	718.69	40	718.24	60	717.82	80
GR	717.45	100	717.18	120	717	140	716.93	160	716.55	180
GR	716.16	200	715.77	220	715.38	240	715.01	260	715.34	280
GR	715.65	300	715.48	320	714.01	340	712.32	360	709.77	368
GR	709.17	375	707.47	376	707.47	384	709.27	385	709.77	388
GR	712.9	400	712	420	712	500	712.23	520	712.56	540
GR	713	560	712.7	580	712.99	600	712.78	620	712.43	640
GR	712.8	660	714	680	713.68	700	713.64	720	713.73	740
GR	714.27	760	714.78	780	715.48	800	715.65	804.07		

X1	88.6	42	320	360	173	184	179			
GR	722.74		722.48	20	722.21	40	721.87	60	721.41	80
GR	721.12	100	720.97	120	719.06	140	717.56	160	716.93	180
GR	716.49	200	716.49	200.02	716.16	220	714.98	240	714.73	260
GR	714.48	280	714.24	300	713.88	320	709.94	335	709.44	342
GR	707.64	343	707.64	351	709.44	352	709.94	354	709.44	360
GR	712	440	712.1	460	712.47	480	712.81	500	713.2	520
GR	713.62	540	714	560	714	600	714.13	620	714.47	640
GR	714.87	660	715.24	680	715.59	700	716	720	717.91	740
GR	719.65	760	720	780						

X1	89	43	310	340	209	149	179			
GR	725.03		725	20	724.94	40	724.46	60	722.84	80
GR	719.69	100	719.64	120	719.04	140	717.79	160	716.55	180
GR	714.86	200	714.73	220	714.55	240	714.38	260	714.21	280
GR	714.03	300	712	310	710.11	319	709.51	326	707.81	327
GR	707.81	335	709.61	336	710.11	338	712	340	712.82	360
GR	712	380	712	460	712.15	480	712.45	500	712.73	520
GR	713	540	713.29	560	713.57	580	713.87	600	714.16	620
GR	714.43	640	714.72	660	715	680	716.55	700	718.06	720
GR	718.54	740	719	760	719	774				

NC	0.05	0.05	0.035	0.3	0.5					
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X1	89.5	45	340	380	261	261	261			
X3				165		655				
GR	725.23		723.72	20	721.13	40	720.21	60	720.17	80
GR	719.14	100	718.63	120	717.79	140	714.99	160	713.34	180
GR	712.8	200	712.47	220	712.16	240	712.04	260	712	280
GR	712.38	300	713	320	712	340	710.36	346	709.76	353
GR	708.06	354	708.06	362	709.86	363	710.36	365	712.3	380
GR	712.53	400	712.42	420	712.61	440	712.79	460	712.97	480
GR	713	500	713	540	713.08	560	713.26	580	713.44	600
GR	713.60	620	713.79	640	714	660	714.53	680	716.66	700
GR	719.54	720	721.33	740	721.98	760	722.52	780	723.12	800

X1	90	13	302	330	249	264	256			
X3				77		571				
GR	716.6		714.6	55	712.6	129	712	302	710.6	311
GR	710	318	708.3	319	708.3	327	710.1	328	710.6	330
GR	712.6	414	714.6	632	716.6	690				

X1	91	44	487.2	520	257	257	257			
X3				224		724				
GR	723.12		721.63	20	719.94	40	719.76	60	719.55	80
GR	719.35	100	719.14	120	717.51	140	715.45	160	714.99	180
GR	714.59	200	714.41	220	714.23	240	714.05	260	713.89	280
GR	713.73	300	713.58	320	713.42	340	713.26	360	713.1	380
GR	713	400	713	487.2	709.71	494	708.4	495	708.4	503
GR	709.81	504	710.89	506	713	520	713.58	540	713	560

GR	713	640	713.46	660	713.95	680	714.28	700	714.57	720
GR	714.85	740	715.46	760	716.33	780	717.08	800	717.79	820
GR	718.63	840	719.51	860	722.81	880	726.34	893.75		
X1	92	13	460	500	259	283	271			
X3				401		525				
GR	716.6		714.6	151	712.6	358	712.6	460	710.6	475
GR	710.2	480	708.5	481	708.5	488	710.3	489	710.6	491
GR	712.6	500	714.6	627	716.6	718				
X1	92.3	29	479.7	520.3	45	45	45			
X3	10							715.8	719	
GR	716.6	14	715.5	100	714.6	166	714.5	200	714.3	300
GR	714.0	400	713.9	450	713.9	459.5	713.9	459.6	713.9	470
GR	710.4	479.6	710.4	479.7	710.3	487	709.7	494	708.8	494.1
GR	708.9	500	709.4	506	708.9	509	709.5	513	709.6	520.3
GR	709.6	520.4	713.9	535.5	713.9	540.5	713.9	540.6	714	550
GR	714.3	600	714.6	642	715.9	700	716.6	733		
WEST CALUMET ROAD (added points to square up top of opening)										
SB		1.56	3.0		33		264.6	0.53		
X1	92.6				44	44	44			
X2			1	716	715.8					
X3	10							715.8	719	
BT	-22	14	717.8	716.6	100	716.2	715.5	166	715.9	714.6
BT		200	715.8	714.5	300	716.5	714.3	400	717.8	714
BT		450	718.8	713.9	459.5	719	713.9	459.6	719.6	713.9
BT		470	719.6	713.9	479.6	719.6	710.4	479.7	719.6	716
BT		520.3	719.6	716	520.4	719.6	709.6	535.5	719.6	713.9
BT		540.5	719.6	713.9	540.6	719.3	713.9	550	719.3	714
BT		600	719.1	714.3	642	719.1	714.6	700	719	715.9
BT		733	719.4	716.6						
NC	0.1	0.04	0.035							
X1	93	13	491	534	30	35	25			
X3				451		541				
GR	716.6		714.6	159	712.6	338	712.6	491	710.6	499
GR	710.2	507	708.9	508	708.9	514	710.2	515	710.6	523
GR	712.6	534	714.6	540	716.6	568				
X1	94	46	480	520	35	35	35			
X3				320		560				
GR	716.63		716.14	20	715.82	40	715.55	60	715.3	80
GR	715.1	100	714.92	120	714.76	140	714.57	160	714.38	180
GR	714.19	200	714	220	714	240	713.95	260	713.75	280
GR	713.55	300	713.35	320	713.29	340	713.1	360	713	380
GR	713	480	710.61	493	710.21	501	708.91	502	708.91	508
GR	710.21	509	710.61	517	713	520	714	540	714.79	560
GR	716.43	580	717.59	600	719.27	620	720.1	640	719.66	660
GR	720.5	680	720.96	700	721.35	720	721.65	740	721.9	760

GR	722.36	780	722.77	800	723.34	820	724.47	840	725.82	860
GR	726.56	864.71								
X1	95	44	440	480	55	55	55			
X3				185		540				
GR	715.5		715.2	20	714.96	40	714.85	60	714.74	80
GR	714.62	100	714.45	120	714.29	140	714.13	160	714	180
GR	713.89	200	713.67	220	713.46	240	713.25	260	713.04	280
GR	713	300	713	400	713.32	420	713	440	710.62	466
GR	710.22	454	708.92	455	708.92	461	710.22	462	710.62	470
GR	713	480	714.24	500	714.27	520	714.71	540	716.98	560
GR	719.41	580	719.4	587.11	719.15	600	719.9	620	720.53	640
GR	720.91	660	721.28	680	721.56	700	721.97	720	722.42	740
GR	722.76	760	723.33	780	724.53	800	726.53	815.54		
X1	96	47	500	549	90	102	96			
GR	716.98		715.64	20	715.24	40	714.93	60	714.76	80
GR	714.66	100	714.55	120	714.42	140	714.32	160	714.23	180
GR	714.14	200	714.03	220	713.84	240	713.64	260	713.43	280
GR	713.23	300	713.02	320	713	340	713	440	713.36	460
GR	713	480	713	500	710.65	517	710.25	525	708.95	526
GR	708.95	532	710.25	533	710.65	541	713	549	716	560
GR	715.59	580	715.93	600	716	620	715.77	640	716.04	660
GR	716.93	680	716.6	700	717.27	720	717.94	740	718.53	760
GR	719.11	780	719.77	800	721.08	820	722.54	840	724.48	860
GR	726.01	880	727.21	891.26						
NC				0.3	0.5					
X1	97	46	600	660	280	242	269			
GR	716.9		716.96	20	716.34	40	716	60	716	80
GR	714.96	100	714	120	713.95	140	713.72	160	713.49	180
GR	713.26	200	713.27	220	713.31	240	713.35	260	713.39	280
GR	713.51	300	713.66	320	713.8	340	713.95	360	714	380
GR	714	600	710.73	619	710.33	627	709.03	628	709.03	634
GR	710.33	635	710.73	643	713	660	713	680	713.64	700
GR	714.49	720	715.03	740	715.32	760	715.61	780	715.89	800
GR	716.52	820	717.35	840	718.32	860	719.29	880	720.23	900
GR	721.27	920	722.52	940	724.08	960	725.88	980	729.03	1000
GR	731.58	1009.87								
X1	98	13	732	765	260	268	264			
GR	716.6		714.6	13	714.6	732	712.6	742	710.6	747
GR	710.4	751	709.1	752	709.1	760	710.5	761	710.6	763
GR	712.6	765	714.6	836	716.6	920				

X1	98.3	50	800	820	202	202	202			
GR	720		720	20	718.86	40	715.71	60	714.96	80
GR	714.76	100	714.56	120	714.37	140	714.21	160	714.04	180
GR	714	200	714	360	714.01	380	714.12	400	714.23	420
GR	714.33	440	714.41	460	714.49	480	714.47	500	714.45	520
GR	714.43	540	714.41	560	714.39	580	714.37	600	714.4	620
GR	714.22	640	714	660	714	740	714.21	760	714.84	780
GR	713.84	800	710.72	802	710.52	806	709.22	807	709.22	815
GR	710.62	816	710.72	818	713.85	820	714.00	840	714	940
GR	715.09	960	715.78	980	717.13	1000	718.80	1020	720.49	1040
GR	722.50	1060	724.7	1080	726.66	1100	729.24	1120	730.54	1137.05

X1	98.6	62	840	873.6	254	254	254			
GR	722		721.71	20	718.76	40	717.57	60	716.89	80
GR	716.43	100	715.97	120	715.48	140	715.03	160	714.81	180
GR	714.61	200	714.36	220	714.12	240	714	260	714	320
GR	714.06	340	714.13	360	714.19	380	714.25	400	714.32	420
GR	714.38	440	714.44	460	714.51	480	714.57	500	714.63	520
GR	714.68	540	714.73	560	714.81	580	714.9	600	715	620
GR	715	820	714.61	840	710.86	853	710.66	857	709.36	858
GR	709.36	866	710.76	867	710.86	869	714	873.6	714	880
GR	715	900	715.24	920	716.05	940	716.63	960	717.14	980
GR	717.81	1000	718.74	1020	719.89	1040	721.09	1060	722.37	1080
GR	723.67	1100	724.93	1120	726.38	1140	727.85	1160	729.11	1180
GR	730.29	1200	731.65	1220	733.29	1240	734.55	1260	735.34	1280
GR	735.95	1300	736.16	1306.36						

X1	99	13	830	869	220	230	225			
GR	718.6		716.6	65	714.6	200	714.6	830	712.6	835
GR	711.1	840	709.5	841	709.5	849	711.1	850	712.6	860
GR	714.6	869	716.6	918	718.6	970				

X1	99.5	40	780	840	245	255	250			
GR	718.71		718.11	20	717.75	40	717.43	60	717.16	80
GR	716.7	100	716.06	120	715.62	140	715.37	160	715.12	180
GR	715	200	715	760	714	780	712.7	796	711.2	801
GR	709.6	802	709.6	809	711.2	810	712.7	820	715.75	840
GR	716.28	860	716.56	880	717.08	900	717.46	920	717.85	940
GR	718.38	960	719.35	980	720.44	1000	721.52	1020	722.73	1040
GR	723.9	1060	725.15	1080	725.57	1100	725.98	1120	726.56	1140
GR	727.12	1160	727.46	1180	727.8	1200	728.26	1220	728.3	1221.19

NC 0.3 0.5

X1	100	16	751	785	270	284	277			
X3				153						
GR	718.6		716.6	122	714.6	445	714.6	725	716.6	730
GR	716.6	748	714.6	751	712.6	755	711.9	760	709.7	761
GR	709.7	770	711.9	771	712.6	779	714.6	785	716.6	790
GR	718.6	910								

X1	100.5	45	600	660	205	205	205			
X3				125						
GR	720.34		719.72	20	718.99	40	718.39	60	717.8	80
GR	717.29	100	716.87	120	716.55	140	716.23	160	716.01	180
GR	715.99	200	715.92	220	715.85	240	715.78	260	715.7	280
GR	715.63	300	715.58	320	715.55	340	715.51	360	715.47	380
GR	715.44	400	715.4	420	715.36	440	715.33	460	715.2	480
GR	715.08	500	715	540	715	560	715.36	580	715.03	600
GR	712.7	619	712	624	709.8	625	709.8	634	712	635
GR	712.7	643	715	660	715	780	715.03	800	715.29	820
GR	715.56	840	715.87	860	717.73	880	722.75	900	727	920
X1	101	16	509	543	223	223	223			
X3				118						
GR	718.6		716.6	111	714.6	509	712.6	515	712.1	519
GR	709.9	520	709.9	530	712.1	531	712.6	538	714.6	543
GR	716.6	550	716.6	560	714.6	588	714.6	740	716.6	1059
GR	718.6	1110								
X1	102	36	480	507	131	131	131			
X3				178		683				
GR	721.17		720.29	20	719.34	40	718.58	60	717.96	80
GR	717.50	100	717.02	120	716.26	140	715.92	160	715.79	180
GR	715.66	200	715.55	220	715.45	240	715.34	260	715.23	280
GR	715.13	300	715.02	320	715	340	715	460	714.67	480
GR	712.7	482	712.2	486	710	487	710	497	712.2	498
GR	712.7	505	714.67	507	714.92	520	715	540	715	720
GR	715.39	740	715.74	760	716.61	780	719.74	800	724.76	820
GR	726	840								
X1	103	43	403	426	127	107	117			
X3				259		542				
GR	725.1		719.97	20	717.86	40	717.17	60	716.65	80
GR	716.23	100	716	120	715.91	140	715.78	160	715.65	180
GR	715.52	200	715.41	220	715.37	240	715.17	260	715	280
GR	715.11	300	715.28	320	715.45	340	715.61	360	715.56	380
GR	714.59	400	714.2	403	713.7	407	710.05	408	710.05	418
GR	713.7	419	714.2	426	716.2	440	716.67	460	715.87	480
GR	715	500	715	600	715.19	620	715.46	640	715.76	660
GR	716.55	680	716.57	700	716.93	720	720.37	740	723.99	760
GR	725.91	780	725.59	800	725.76	807.48				
X1	104	12	323	365	66	62	64			
X3				259		419				
GR	718.6		716.6	51	714.6	323	712.6	332	712.3	337
GR	710.1	338	710.1	350	712.3	351	712.6	358	714.6	365
GR	716.6	680	718.6	1012						

QT	7	158	257	329	426	502	581	772		
X1	104.3	36	379.7	420.3	50	50	50			
X3	10							717.9	717.6	
GR	718.6	74	717	100	716.6	106	716.5	150	716.4	200
GR	716.2	300	716.2	350	716.1	359.4	716.1	359.5	716.1	367
GR	713.7	375	711.8	379.7	711.8	379.8	711.7	386	711	393
GR	712.1	400	712.3	404	712.1	407	711.7	412	710.2	412.1
GR	710.3	416	710.5	420.2	710.5	420.3	711.9	429	716.2	436
GR	716.2	440.4	716.2	440.5	716.2	450	716.3	500	716.4	600
GR	716.6	700	716.6	736	717	800	717.6	900	718.2	1000
GR	718.6	1068								

WEST BRADLEY ROAD (added points to square up top of bridge opening)

SB		1.56	3.0		12		255.3	2.72		
X1	104.6				44	44	44			
X2			1	717.9	718.4					
X3	10							720.3	718.4	
BT	-29	74	725	718	100	724	717	106	724.7	716.6
BT		150	722.4	716.5	200	721.1	716.4	300	720.3	716.2
BT		350	720.6	716.2	359.4	720.7	716.1	359.5	721.6	716.1
BT		367	721.6	716.1	375	721.5	713.7	379.7	721.5	711.8
BT		379.8	721.5	717.9	400	721.3	717.7	420.2	721.2	717.6
BT		420.3	721.2	710.5	429	721.1	711.9	436	721.1	716.2
BT		440.4	721.1	716.2	440.5	720.2	716.2	450	720	716.2
BT		500	719.7	716.3	600	718.4	716.4	700	718.6	716.6
BT		736	718.7	716.6	800	719	717	900	719.5	717.6
BT		1000	719.6	718.2	1068	721.1	718.6			

X1	105	17	251	300	49	43	45			
X3	10							720.3	718.4	
GR	718.6		716.6	50	716.6	251	714.6	254	712.6	265
GR	712.4	267	710.2	268	710.2	281	712.3	282	712.6	291
GR	714.6	300	716.6	679	718.6	795	718.6	845	716.6	847
GR	716.6	852	718.6	860						

X1	106	13	275	320	265	330	297			
X3	10							720.3	718.4	
GR	718.6		716.6	53	714.6	275	712.6	279	712.3	282
GR	710.7	283	710.7	302	712.3	303	712.6	306	714.6	312
GR	716.6	320	716.6	785	718.6	1060				

X1	106.3	21	273	327	40	40	40			
X3	10							720.9	720.7	
GR	718.6		718.1	100	717.5	200	717.3	250	717.2	273
GR	713.8	282	711.4	286	710.9	293	711.6	300	712.6	307
GR	714.1	314	715.7	327	715.7	350	715.9	400	716.1	500
GR	716.2	600	716.4	700	716.6	800	717.4	900	718.1	1000
GR	718.6	1067								

RAILROAD BRIDGE

X1	113	23	201	241	64	64	64			
GR	729		727.56	20	722.85	40	721.09	60	719.7	80
GR	718.48	100	717.63	120	717.72	140	717.84	160	716.67	180
GR	715	200	712.7	201	712.2	204	710.9	205	710.9	231
GR	712.2	232	712.7	241	715	260	715	300	716.9	320
GR	721.59	340	719.77	360	719.24	363.24				
NC				0.1	0.3					
X1	114	25	242	282	144	144	144			
GR	726.75		726.57	20	726.47	40	726.39	60	725.61	80
GR	721.81	100	718.8	120	717.61	140	716.98	160	716.66	180
GR	716.35	200	716.03	220	715	240	712.7	242	712.2	245
GR	711	246	711	272	712.2	273	712.7	282	715	300
GR	715	380	715.04	400	715.87	420	717.71	440	717.68	446.24
X1	115	29	238	278	135	135	135			
GR	729.91		724.98	20	724.78	40	724.96	60	725	80
GR	723.5	100	720.2	120	717.3	140	716.75	160	716.34	180
GR	715.85	200	715.12	220	712.7	238	712.2	241	711.1	242
GR	711.1	268	712.2	269	712.7	278	715	280	715	300
GR	715	320	715	340	715	360	715.09	380	715.27	400
GR	715.55	420	715.93	440	721.22	460	721.34	462.56		
X1	116	19	191	220	118	128	123			
GR	722.6		720.6	62	718.6	72	716.6	117	714.6	191
GR	712.6	195	712.1	198	711.1	199	711.1	210	712.2	211
GR	712.6	218	714.6	220	716.6	222	716.6	229	714.6	292
GR	714.6	335	716.6	440	718.6	449	720.6	452		
X1	117	25	223	246	224	204	214			
GR	729.86		728.19	20	726.52	40	724.86	60	723.19	80
GR	719.18	100	717.72	120	716.87	140	716.55	160	716.24	180
GR	715.53	200	715	220	712.7	223	712.2	226	711.2	227
GR	711.2	238	712.2	239	712.7	246	715	260	715	440
GR	716.11	460	716.81	480	721.55	500	720.9	520	718.79	539.88
X1	118	38	335	358	212	212	212			
GR	760.51		754.06	20	747.14	40	739.35	60	731.27	80
GR	725.75	100	725.16	120	724.78	140	724.47	160	724.14	180
GR	719.88	200	718.1	220	717.19	240	716.93	260	716.74	280
GR	716.62	300	715.82	320	712.7	335	712.2	338	711.2	339
GR	711.2	350	712.2	351	712.7	358	715	360	716	380
GR	715.2	400	715	420	715	500	715.18	520	715.69	540
GR	716.15	560	716.55	580	716.95	600	717.44	620	717.98	640
GR	722.49	660	722.88	680	722.76	684.89				

X1	119	16	169	200	202	202	202			
GR	722.6		720.6	10	718.6	60	716.6	169	714.6	175
GR	712.6	181	712.3	183	711.3	184	711.3	194	712.2	195
GR	712.6	198	714.6	200	716.6	400	718.6	473	720.6	503
GR	722.6	508								

X1	120	34	200	240	181	181	181			
GR	728.02		726.42	20	722.24	40	719.84	60	718.45	80
GR	717.54	100	716.76	120	716.04	140	715.59	160	715.24	180
GR	715	200	712.7	210	712.4	212	711.4	213	711.4	223
GR	712.3	224	712.7	227	715.15	240	715.4	260	715.65	280
GR	715.9	300	716.26	320	716.69	340	717.06	360	717.41	380
GR	717.74	400	718.09	420	718.52	440	718.93	460	719.43	480
GR	719.83	500	720.95	520	722.95	540	724.49	555		

X1	121	37	260	300	200	200	200			
GR	732.06		732.02	20	731.94	40	730.58	60	724.71	80
GR	720.4	100	719.04	120	718.04	140	717.54	160	717.06	180
GR	716.44	200	715.88	220	715.43	240	715	260	712.8	267
GR	712.5	269	711.5	270	711.5	280	712.4	281	712.8	284
GR	715.08	300	715.2	320	715.33	340	715.46	360	715.58	380
GR	715.71	400	715.84	420	715.97	440	716.49	460	717.24	480
GR	718.07	500	718.54	520	719.06	540	719.45	560	719.83	580
GR	720.93	600	722.41	617.12						

X1	122	21	193	231	230	212	221			
GR	722.6		720.6	35	718.6	65	716.6	125	716.6	193
GR	714.6	197	712.6	202	711.5	206	711.5	207	711.5	219
GR	711.5	220	712.6	225	714.6	227	716.6	231	716.6	242
GR	714.6	428	714.6	472	716.6	495	718.6	519	720.6	543
GR	722.6	551								

X1	123	36	340	381.5	186	186	186			
GR	734.32		728.53	20	725.97	40	724.16	60	722.58	80
GR	721.74	100	720.95	120	720.27	140	719.2	160	718.08	180
GR	717.5	200	716.98	220	716.55	240	716.14	260	715.85	280
GR	715.63	300	715.4	320	715.18	340	712.7	357	711.6	361
GR	711.6	362	711.6	374	711.6	375	712.7	380	715	381.5
GR	716.97	400	716.12	420	716	440	716	560	716.17	580
GR	717.04	600	717.75	620	719.34	640	724.13	660	727.94	680
GR	727.9	680.86								

X1	124	26	300	340	213	213	213			
GR	722.88		722.49	20	721.26	40	718.13	60	717.39	80
GR	717	100	716.8	120	716	140	716	300	712.8	306
GR	711.7	310	711.7	311	711.7	322	711.7	324	712.8	329
GR	716	340	716	460	716.53	480	717.63	500	718.32	520
GR	719.03	540	721.93	560	727.33	580	728.36	600	729.79	620

GR	731.39	624.92								
NC	0.16	0.16	0.035							
X1	125	16	390	422	190	190	190			
GR	722.6		720.6	55	718.6	93	716.6	152	716.6	390
GR	714.6	396	714.2	403	711.8	404	711.8	407	714.2	408
GR	714.6	412	716.6	422	716.6	505	718.6	596	720.6	620
GR	722.6	627								
X1	126	32	320	340	204	204	204			
GR	717.94		717.74	20	717.54	40	717.33	60	717.15	80
GR	717	100	717	140	716.81	160	716.49	180	716.35	200
GR	716.21	220	716.07	240	716	260	716	320	714.7	321
GR	714.3	328	711.9	329	711.9	332	714.3	333	714.7	337
GR	716	340	716	563.03	717.42	580	719.24	600	718.46	620
GR	718.75	640	719.97	660	720.88	680	722.31	700	724.17	720
GR	727.77	740	731.87	760						
X1	127	46	625	634	197	197	197			
GR	720.77		720.09	20	719.05	40	718.56	60	718.04	80
GR	717.55	100	717.28	120	717.18	140	717.07	160	717	180
GR	717	220	716.96	240	716.84	260	716.73	280	716.63	300
GR	716.51	320	716.4	340	716.29	360	716.18	380	716.07	400
GR	716	420	716	600	714.9	618	714.5	625	712.1	626
GR	712.1	629	714.5	630	714.9	634	716.28	640	718.55	660
GR	718	680	718	700	720.04	720	721.78	740	723.63	760
GR	726.12	780	729.28	800	732.73	820	731.68	840	734.02	860
GR	739.49	880	742.33	900	744.47	920	746.84	940	749.65	960
GR	750.20	963.93								
X1	128	14	942	965	202	202	202			
GR	720.6		718.6	112	716.6	357	716.6	650	714.6	879
GR	714.6	942	713	948	712.1	949	712.1	956	713	957
GR	714.6	965	716.6	1003	718.6	1052	720.6	1075		
X1	129	35	480	503	285	285	285			
GR	732.11		731.5	20	730.72	40	729.45	60	727.86	80
GR	724.53	100	719.8	120	718.02	140	717.27	160	716.66	180
GR	716.25	200	716	220	716.01	440	717	460	714.8	480
GR	713.2	486	712.3	487	712.3	494	713.2	495	714.8	503
GR	719.78	520	719.01	540	719	560	720.17	580	720.67	600
GR	721.22	620	721.92	640	722.65	660	723.41	680	724.1	700
GR	724.8	720	726.2	740	729.70	760	731.13	780	728	798.47

X1	130	18	390	430	266	266	266			
GR	722.6		720.6	60	718.6	95	716.6	140	716.6	367
GR	718.6	371	718.6	376	716.6	380	714.6	390	713.5	400
GR	712.3	401	712.3	411	713.6	412	714.6	430	716.6	465
GR	718.6	550	720.6	612	722.6	693				
X1	131	44	380	440	165	165	165			
GR	734.71		734.17	20	732.92	40	732.23	60	730.95	80
GR	726.71	100	723.45	120	722.22	140	721.5	160	721.56	180
GR	721.67	200	721.84	220	722	240	721.66	260	721.37	280
GR	720.47	300	717	320	717	360	716.1	380	714.7	392
GR	713.6	402	712.40	403	712.4	413	713.7	414	714.7	432
GR	717	440	717	580	717.12	600	717.44	620	717.99	640
GR	719	660	719.38	680	719.96	700	721.32	720	722.51	740
GR	723.62	760	724.76	780	732.54	800	730.32	820	730	840
GR	730.14	860	730.88	880	732.34	900	732.67	905.14		
X1	132	51	380	440	298	250	274			
GR	737		734.9	20	732.4	40	730.24	60	727.96	80
GR	725.73	100	724.4	120	723.16	140	721.83	160	720.77	180
GR	720.21	200	719.62	220	719.12	240	718	260	718	360
GR	716.9	380	714.8	392	713.7	402	712.5	403	712.5	413
GR	713.8	414	714.8	432	716.91	440	716.41	460	716.53	480
GR	716.64	500	716.76	520	716.88	540	716.99	560	717	580
GR	717	640	717.11	660	717.73	680	718.29	700	718.71	720
GR	719.15	740	719.8	760	720.46	780	721.27	800	722.31	820
GR	724.13	840	731.32	860	733.64	880	731.19	900	732.08	920
GR	732.8	940	733.89	960	735.44	980	736.97	1000	739.08	1020
GR	740.5	1030.93								
X1	133	15	287	302	180	180	180			
GR	724.6		722.6	22	720.6	60	718.6	110	716.6	165
GR	714.6	260	714.3	287	712.6	288	712.6	301	714.3	302
GR	714.6	317	716.6	425	718.6	598	720.6	627	722.6	695
X1	134	50	368	425	238	238	238			
GR	733.8		731.67	20	729.43	40	727.07	60	724.73	80
GR	722.97	100	721.67	120	721.02	140	720.33	160	719.19	180
GR	717.36	200	716.73	220	716.36	240	716.04	260	716	280
GR	716	340	716.75	360	714.7	368	714.4	395	712.7	396
GR	712.7	409	714.4	410	714.7	425	717	440	717.01	460
GR	717.07	480	717.13	500	717.18	520	717.24	540	717.3	560
GR	717.36	580	717.48	600	717.68	620	717.87	640	718	660
GR	718.5	680	720.55	700	721.65	720	722	740	722	800
GR	722.6	820	724.38	840	728.26	860	726.63	880	728.41	900
GR	734.73	920	731.97	940	731.7	960	736.6	980	737.78	991

X1	135	19	438	452	302	302	302			
GR	724.6		722.6	17	720.6	67	718.6	91	716.6	157
GR	716.6	225	714.6	250	714.6	434	714.3	438	712.8	439
GR	712.8	451	714.3	452	714.6	461	716.6	625	716.6	660
GR	718.6	728	720.6	860	722.6	888	724.6	925		

NC 0.3 0.5

X1	136	57	480	520	298	298	298			
X3				110		750				
GR	723.14		722.14	20	721.49	40	720.93	60	720.53	80
GR	720.14	100	719.51	120	719.01	140	718.71	160	718.43	180
GR	718.16	200	717.61	220	717	240	717	260	717.29	280
GR	717	300	716.9	320	716.78	340	716.65	360	716.53	380
GR	716.4	400	716.27	420	716.13	440	716	460	716	480
GR	714.65	485	714.35	489	712.85	490	712.85	501	714.35	503
GR	714.65	512	716	520	716.73	540	716.97	560	717	580
GR	717.13	600	717.44	620	717.76	640	718.09	660	718.61	680
GR	719.17	700	719.93	720	720.49	740	721.18	760	721.79	780
GR	722.26	800	722.79	820	723.31	840	723.78	860	724.70	880
GR	725.26	900	725.68	920	726.31	940	727.12	960	727.93	980
GR	728.68	1000	730.06	1020						

X1	137	18	405	418	249	249	249			
X3				177		587				
GR	724.6		722.6	2	720.6	7	718.6	52	716.6	153
GR	716.6	348	714.6	402	714.2	405	712.9	406	712.9	417
GR	714.2	418	714.6	433	714.6	443	716.6	457	718.6	565
GR	720.6	692	722.6	774	724.6	825				

NC 0.07 0.07 0.035

X1	138	37	356	387	136	136	136			
X3				192		482				
GR	720		726.98	20	728	40	723.01	60	719.55	80
GR	718.11	100	717	120	717	340	714.7	356	714.3	359
GR	712.96	360	712.96	371	714.3	372	714.7	387	717.14	400
GR	717.37	420	717.6	440	717.83	460	718.12	480	718.62	500
GR	719.08	520	719.46	540	719.89	560	720	580	720.07	600
GR	720.25	620	720.44	640	720.66	660	720.99	680	721.28	700
GR	721.61	720	721.94	740	722.34	760	722.76	780	723.4	800
GR	724.27	820	724.86	833.11						

X1	139	35	260	300	100	100	100			
X3				145		358				
GR	728		726.24	20	721.93	40	719.38	60	718.32	80
GR	717.23	93.49	717	100	717	260	714.7	264	714.3	267
GR	713.01	268	713.01	279	714.3	280	714.7	295	717	300
GR	717.63	320	718.08	340	718.29	360	718.49	380	718.67	400
GR	718.82	420	718.9	440	718.99	460	719	540	719.21	560
GR	719.85	580	720	600	720.14	620	720.42	640	720.76	660

GR	721.25	680	721.91	700	723.1	720	723.45	740	723.48	741.85
X1	140	47	229	280	56	76	66			
X3				124		319				
GR	727.33		725.04	20	720.84	40	718.89	60	717.71	80
GR	717	100	717	229	714.74	239	714.34	242	713.04	243
GR	713.04	254	714.34	255	714.74	270	717.09	280	717.92	300
GR	718.09	320	718.18	340	718.27	360	718.36	380	718.45	400
GR	718.54	420	718.63	440	718.72	460	718.82	480	718.91	500
GR	719.01	520	719.29	540	719.57	560	719.85	580	720.24	600
GR	720.74	620	721.48	640	722	660	722.03	680	722.38	700
GR	722.69	720	722.83	740	722.98	760	723.38	780	723.73	800
GR	724	820	724	840	724.43	860	724.97	880	725.41	900
GR	725.84	920	726.04	929.13						
X1	141	52	220	260	53	73	63			
X3				190		294				
GR	726.52		723.16	20	720.19	40	717.67	60	717	80
GR	717.01	200	717.39	220	714.8	224	714.4	227	713.07	228
GR	713.07	239	714.4	240	714.8	255	717.77	260	718.01	280
GR	718.11	300	718.2	320	718.3	340	718.39	360	718.48	380
GR	718.57	400	718.66	420	718.75	440	718.84	460	718.94	480
GR	719.18	500	719.49	520	719.83	540	720.23	560	720.67	580
GR	721.16	600	721.67	620	722.14	640	722.51	660	722.88	680
GR	723.21	700	723.54	720	723.86	740	724.38	760	725	780
GR	725.04	800	725.25	820	725.46	840	725.67	860	725.91	880
GR	726.27	900	726.72	920	727.12	940	727.49	960	727.85	980
GR	728.24	1000	728.4	1007.67						
X1	142	14	585	627	51	71	61			
X3				566		642				
GR	722.6		720.6	5	718.6	40	716.6	225	714.6	585
GR	713.1	595	713.1	596	713.1	620	713.1	621	714.6	627
GR	716.6	988	718.6	1092	720.6	1345	722.6	1470		
X1	143	37	682.5	717.5	91	111	101			
X3	10							728.5	728.3	
GR	722.6	92	720.6	100	718.6	132	717.9	200	716.8	300
GR	716.6	317	716.5	400	716.5	500	716.4	600	716.4	650
GR	716.4	679.9	716.4	680	716.4	682.5	714.7	682.6	714.7	687.6
GR	713.7	687.7	713.8	694	713.5	700	713.2	706	713.7	712.2
GR	715.2	712.3	717.4	717.4	717.4	717.5	717.4	720	717.4	720.1
GR	717.5	750	717.6	800	717.9	900	718.1	1000	718.4	1100
GR	718.6	1185	718.7	1200	719.5	1300	720.3	1400	720.6	1437
GR	721.6	1500	722.6	1562						

TWIN RAILROAD BRIDGE (piers not included in FIS HEC-2 model)

SB	0.9	1.56	3.0		30	3	402.4	0.2		
X1	144				23.5	23.5	23.5			
X2			1	725.5	728.3					
X3	10							728.5	728.3	
BT	-30	92	732.7	722.6	100	730.6	720.6	132	730.4	718.6
BT		200	729.9	717.9	300	729.4	716.8	317	729.4	716.6
BT		400	729.1	716.5	500	728.8	716.5	600	728.6	716.4
BT		650	728.5	716.4	679.9	728.5	716.4	680	729.5	716.4
BT		682.5	729.5	716.4	682.6	729.5	725.5	717.4	729.5	725.5
BT		717.5	729.5	717.4	720	729.5	717.4	720.1	728.5	717.4
BT		750	728.4	717.5	800	728.3	717.6	900	728.3	717.9
BT		1000	728.3	718.1	1100	728.4	718.4	1185	728.6	718.6
BT		1200	728.6	718.7	1300	729	719.5	1400	729.6	720.3
BT		1437	729.8	720.6	1500	730.1	721.6	1562	730.4	722.6
X1	145	17	466	542	50	50	50			
X3	10							723.1	723.1	
GR	724.6	40	722.6	60	720.6	105	718.6	135	716.6	206
GR	714.6	354	713.5	466	712.2	487	712.2	513	714.2	536
GR	714.6	542	714.6	946	716.6	1168	718.6	1186	720.6	1525
GR	722.6	1668	724.6	1970						
BROWN DEER ROAD (box culvert modelled as special bridge in FIS HEC-2 model)										
SC	2.013	0.2	3.0		13	12.5	180.5	9.1		
X1	146.0				180.5	180.5	180.5			
X2			2	718.8	723.1					
X3	10							723.1	723.1	
X1	147	17	425	502	60	75	60			
X3				391		665				
GR	724.6		722.6	20	720.6	64	718.6	95	716.6	165
GR	714.6	314	713.5	425	712.1	426	712.1	495	714.2	496
GR	714.6	502	714.6	905	716.6	1128	718.6	1245	720.6	1485
GR	722.6	1629	724.6	1930						
X1	147.5				290	295	290		0.05	
NC				0.1	0.3					
X1	148	18	378	535	290	295	290			
GR	724.6		722.6	23	720.6	55	718.6	85	716.6	115
GR	714.6	155	713.4	378	712.2	379	712.2	534	713	535
GR	714.6	989	714.6	1097	716.6	1113	716.6	1178	718.6	1445
GR	720.6	1710	722.6	1875	724.6	1962				

X1	149	15	533	625	640	635	635			
GR	724.6		722.6	35	720.6	75	718.6	125	716.6	197
GR	714.6	225	713	533	712.3	534	712.3	624	713	625
GR	714.6	1221	714.6	1265	716.6	2010	718.6	2234	720.6	2322
T1	LITTLE MEMOMONEE RIVER PROFILES - CITY OF MILWAUKEE FIS									
T2	MOSS AMERICAN RECHANNELING PROJECT									
T3	LITTLE MEMOMONEE Q2 DISCHARGE									
J1		2			-1		697			
J2	1		-1							

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T1 LITTLE MENOMONEE RIVER PROFILES - CITY OF MILWAUKEE FIS
T2 MOSS AMERICAN RECHANNELING PROJECT
T3 LITTLE MENOMONEE 05 DISCHARGE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
		3					-1		698.3	
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CNNIM	ITRACE
	2		-1							

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T1 LITTLE MENOMONEE RIVER PROFILES - CITY OF MILWAUKEE FIS
T2 MOSS AMERICAN RECHANNELING PROJECT
T3 LITTLE MENOMONEE Q10 DISCHARGE

J1	ICHECK	INO	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
		4					-1		699.85	
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	3		-1							

T1 LITTLE MENOMONEE RIVER PROFILES - CITY OF MILWAUKEE FIS
T2 MOSS AMERICAN RECHANNELING PROJECT
T3 LITTLE MENOMONEE Q25 DISCHARGE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
		5					-1		700.45	
J2	NPROF	IPLT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	4		-1							

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T1 LITTLE MEMOMONEE RIVER PROFILES - CITY OF MILWAUKEE FIS
T2 MOSS AMERICAN RECHANNELING PROJECT
T3 LITTLE MEMOMONEE Q50 DISCHARGE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FO
		6					-1		701.25	
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	5		-1							

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T1 LITTLE MENOMONEE RIVER PROFILES - CITY OF MILWAUKEE FIS
T2 MOSS AMERICAN RECHANNELING PROJECT
T3 LITTLE MENOMONEE Q100 DISCHARGE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	0	WSEL	FO
		7					-1		701.9	
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	TBW	CHNIM	ITRACE
	6		-1							

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T1 LITTLE MENOMONEE RIVER PROFILES - CITY OF MILWAUKEE FIS
T2 MOSS AMERICAN RECHANNELING PROJECT
T3 LITTLE MENOMONEE Q500 DISCHARGE

J1	ICHECK	INQ	NINV	IDIR	STRT	METRIC	HVINS	Q	WSEL	FQ
		8					-1		703.8	
J2	NPROF	IPLOT	PRFVS	XSECV	XSECH	FN	ALLDC	IBW	CHNIM	ITRACE
	7		-1							

THIS RUN EXECUTED 19NOV92 09:15:15

 HEC-2 WATER SURFACE PROFILES
 Version 4.6.2; May 1991

NOTE- ASTERISK (*) AT LEFT OF CROSS-SECTION NUMBER INDICATES MESSAGE IN SUMMARY OF ERRORS LIST

LITTLE MENOMONEE

SUMMARY PRINTOUT

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
1.000	697.00	1.95	454.31	5.74	.50	5.25	.50	.00	284.75	337.25
1.000	698.30	15.59	592.44	45.97	.76	5.14	.76	.00	274.45	367.32
1.000	699.85	43.85	603.23	154.92	.75	4.04	.68	.00	261.28	460.00
1.000	700.45	70.21	716.28	254.52	.75	4.41	.81	.00	192.50	460.00
1.000	701.25	125.35	752.95	364.70	.66	4.18	.84	.00	170.00	460.00
1.000	701.90	189.58	805.83	469.60	.70	4.15	.89	.00	170.00	460.00
1.000	703.80	400.98	918.33	761.68	.80	3.89	.95	.00	170.00	460.00
*	2.000	697.60	.01	460.91	1.08	.05	.99	.09	5.57	381.37
*	2.000	698.81	.19	646.42	7.40	.06	1.05	.17	5.15	335.43
*	2.000	700.11	9.92	777.07	15.01	.12	1.00	.20	4.16	320.00
*	2.000	700.74	20.62	998.17	22.21	.17	1.17	.24	3.91	320.00
*	2.000	701.48	34.96	1178.42	29.62	.21	1.25	.27	3.48	320.00
*	2.000	702.10	50.54	1377.05	37.41	.25	1.35	.30	3.20	320.00
*	2.000	703.93	103.62	1917.04	60.34	.33	1.53	.35	2.64	320.00
*	3.000	697.59	.00	462.00	.00	.00	1.98	.39	46.19	133.86
*	3.000	698.81	.00	654.00	.00	.00	1.88	.43	39.10	140.97
*	3.000	700.11	.00	802.00	.00	.00	1.64	.46	31.54	148.55
*	3.000	700.73	.00	1041.00	.00	.00	1.84	.47	28.10	152.00
*	3.000	701.47	.00	1243.00	.00	.00	1.89	.50	28.08	152.02
*	3.000	702.09	.00	1465.00	.00	.00	2.00	.52	28.06	152.04
*	3.000	703.92	.00	2081.00	.00	.00	2.16	.57	28.00	152.10
4.000	697.59	.00	462.00	.00	.00	1.98	.00	1.00	46.16	133.89
4.000	698.81	.00	654.00	.00	.00	1.88	.00	1.00	39.08	140.99
4.000	700.11	.00	802.00	.00	.00	1.63	.00	1.00	31.53	148.56
4.000	700.73	.00	1041.00	.00	.00	1.84	.00	1.00	28.10	152.00
4.000	701.47	.00	1243.00	.00	.00	1.89	.00	1.00	28.08	152.02
4.000	702.09	.00	1465.00	.00	.00	1.99	.00	1.00	28.06	152.04
4.000	703.92	.00	2081.00	.00	.00	2.16	.00	1.00	28.00	152.10

	SECNO	CWSEL	QLOB	QCN	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
*	5.000	697.35	.45	461.31	.24	.37	6.69	.37	.31	389.82	422.15
*	5.000	698.57	18.32	625.69	9.99	.79	6.54	.79	.32	367.04	434.61
*	5.000	699.99	106.08	654.88	41.04	.71	5.16	.92	.37	226.32	444.00
*	5.000	700.62	222.29	754.02	64.69	.82	5.36	1.06	.41	177.69	444.00
*	5.000	701.40	384.86	772.30	85.85	.83	4.89	1.06	.45	128.84	444.00
*	5.000	702.05	554.10	806.45	104.45	.86	4.68	1.07	.49	97.39	444.00
*	5.000	703.92	1080.12	854.16	146.72	.86	4.00	1.01	.61	66.00	444.00
*	6.000	698.16	23.65	396.50	41.85	.52	4.77	.52	1.60	157.35	398.53
*	6.000	699.31	99.15	383.19	171.66	.55	3.53	.63	2.03	84.68	427.00
*	6.000	700.38	185.31	352.64	264.05	.53	2.67	.58	2.00	75.00	427.00
*	6.000	700.99	271.30	406.00	363.71	.60	2.79	.65	1.97	75.00	427.00
*	6.000	701.67	353.42	436.94	452.63	.63	2.73	.68	1.82	75.00	427.00
*	6.000	702.26	439.92	478.07	547.01	.67	2.76	.71	1.72	75.00	427.00
*	6.000	704.03	690.36	579.47	811.17	.73	2.73	.76	1.47	75.00	427.00
	7.000	698.48	19.61	356.81	85.57	.51	4.11	.51	1.20	138.24	440.46
	7.000	699.43	55.51	357.60	240.88	.55	3.32	.59	1.06	116.70	464.00
	7.000	700.43	94.34	337.11	370.55	.53	2.60	.56	1.02	109.07	464.00
	7.000	701.04	136.57	389.33	515.10	.59	2.72	.64	1.02	104.36	464.00
	7.000	701.71	177.64	420.28	645.09	.61	2.67	.66	1.02	97.40	464.00
	7.000	702.30	223.40	459.84	781.76	.64	2.69	.69	1.02	81.42	464.00
	7.000	704.06	377.12	550.93	1152.96	.64	2.63	.73	1.04	36.10	464.00
	8.000	698.68	10.27	347.20	104.52	.51	3.88	.51	1.08	224.49	514.43
	8.000	699.52	26.92	368.20	258.88	.53	3.42	.58	.98	193.66	570.00
	8.000	700.47	54.10	342.55	405.34	.46	2.66	.56	.98	161.99	570.00
	8.000	701.08	87.98	388.34	564.69	.50	2.73	.62	.99	149.20	570.00
	8.000	701.74	125.90	412.00	705.09	.51	2.63	.64	1.01	136.92	570.00
	8.000	702.33	168.51	444.83	851.65	.54	2.62	.66	1.03	127.35	570.00
	8.000	704.09	310.72	520.48	1249.81	.57	2.50	.69	1.05	103.73	570.00
	9.000	698.86	7.24	351.70	103.05	.47	3.35	.47	1.15	161.30	441.57
	9.000	699.61	20.05	397.78	236.17	.45	3.17	.56	1.06	114.64	482.89
	9.000	700.51	49.14	386.29	366.57	.40	2.58	.54	1.02	75.92	493.39
	9.000	701.12	85.90	441.87	513.23	.46	2.66	.60	1.02	61.37	500.91
	9.000	701.78	127.99	470.94	644.07	.48	2.56	.61	1.02	52.87	514.96
	9.000	702.36	173.69	509.08	782.23	.51	2.55	.63	1.03	45.84	529.00
	9.000	704.11	320.00	594.66	1166.34	.54	2.41	.65	1.04	29.73	529.00
*	9.500	699.11	87.55	178.18	196.26	.29	1.60	.28	2.18	386.20	1171.82
*	9.500	699.80	138.51	191.77	323.72	.31	1.48	.30	2.21	364.89	1194.50
*	9.500	700.61	181.61	187.47	432.92	.28	1.24	.28	2.12	339.84	1221.84
*	9.500	701.22	244.34	213.49	583.17	.30	1.27	.30	2.13	331.87	1262.61
*	9.500	701.85	299.15	228.52	715.33	.31	1.23	.30	2.10	323.62	1304.79
*	9.500	702.43	358.16	247.83	859.01	.32	1.23	.31	2.09	316.11	1343.20
*	9.500	704.16	521.23	290.53	1269.24	.32	1.17	.31	2.07	302.28	1377.98

	SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
*	9.600	699.16	2.78	317.60	141.62	.31	2.47	.35	.61	263.73	762.77
*	9.600	699.83	6.24	345.55	302.21	.32	2.29	.40	.62	241.27	890.23
*	9.600	700.63	18.07	327.00	456.93	.24	1.83	.37	.65	171.74	908.77
*	9.600	701.23	38.94	363.47	638.59	.26	1.83	.40	.67	132.49	922.78
*	9.600	701.87	67.68	379.17	796.15	.27	1.72	.40	.69	94.18	938.24
	9.600	702.45	102.35	402.85	959.81	.28	1.68	.41	.71	75.35	958.37
	9.600	704.17	223.10	451.90	1405.99	.30	1.51	.39	.76	47.77	1053.06
*	10.000	699.29	156.46	143.17	162.36	.23	1.23	.28	2.26	331.06	1093.76
*	10.000	699.92	251.44	167.68	234.88	.26	1.27	.30	1.99	306.73	1139.62
*	10.000	700.68	334.74	172.19	295.07	.26	1.13	.27	1.75	277.15	1194.50
*	10.000	701.28	450.73	199.02	391.25	.28	1.19	.29	1.65	255.07	1229.42
*	10.000	701.90	551.88	214.85	476.28	.29	1.17	.29	1.57	232.07	1265.78
*	10.000	702.48	660.87	233.82	570.31	.30	1.18	.30	1.51	210.85	1299.33
*	10.000	704.19	960.58	273.33	847.10	.30	1.12	.29	1.41	139.56	1387.46
*	10.500	699.32	160.15	237.63	64.22	.32	1.81	.32	.63	233.77	829.00
*	10.500	699.95	275.62	271.43	106.96	.35	1.79	.36	.67	156.78	844.71
*	10.500	700.70	387.22	271.26	143.53	.33	1.53	.34	.70	98.06	858.84
	10.500	701.30	537.72	309.40	193.88	.35	1.57	.37	.72	69.45	871.83
	10.500	701.92	674.55	330.07	238.37	.36	1.52	.37	.74	52.21	886.13
	10.500	702.49	821.10	356.85	287.05	.37	1.51	.38	.75	38.42	899.68
	10.500	704.20	1234.91	416.47	429.61	.37	1.43	.37	.76	.00	936.41
	11.000	699.39	227.01	170.86	64.13	.36	1.73	.38	1.09	530.70	1127.00
	11.000	700.01	359.37	200.92	93.71	.38	1.78	.41	1.04	464.10	1161.69
	11.000	700.73	479.79	203.48	118.73	.35	1.57	.37	1.00	394.53	1187.21
	11.000	701.33	652.18	231.02	157.80	.37	1.62	.38	1.00	378.64	1211.05
	11.000	701.94	803.93	245.24	193.83	.37	1.56	.37	.99	361.94	1236.09
	11.000	702.51	966.35	263.68	234.97	.38	1.55	.36	.99	346.57	1259.15
	11.000	704.21	1413.51	301.90	365.59	.38	1.44	.35	1.00	262.48	1287.90
*	11.500	699.46	67.93	329.05	65.01	.33	2.87	.70	.54	336.95	762.00
*	11.500	700.07	189.11	374.56	90.32	.43	2.81	.64	.58	235.60	857.58
*	11.500	700.78	323.25	358.41	120.34	.42	2.31	.49	.62	193.29	870.07
*	11.500	701.37	484.07	391.19	165.74	.44	2.26	.49	.66	126.40	879.23
*	11.500	701.97	634.51	401.53	206.97	.44	2.09	.47	.70	78.28	894.02
	11.500	702.54	793.14	420.17	251.70	.44	2.00	.46	.72	53.87	907.86
	11.500	704.23	1239.93	457.54	383.53	.43	1.74	.43	.78	9.38	943.16
	12.000	699.65	59.85	393.06	9.08	.28	2.66	.60	1.11	809.99	1229.00
	12.000	700.22	172.45	465.23	16.32	.39	2.73	.30	1.05	761.14	1387.25
	12.000	700.86	292.49	459.40	50.11	.40	2.34	.28	1.00	712.06	1428.78
	12.000	701.44	439.41	502.35	99.24	.44	2.30	.34	.99	675.56	1441.23
	12.000	702.03	574.41	516.42	152.17	.44	2.13	.36	.99	637.25	1454.29
	12.000	702.58	715.53	541.65	207.82	.44	2.05	.37	.99	601.65	1466.44
	12.000	704.25	1117.40	587.35	376.26	.42	1.77	.38	1.00	562.89	1499.99

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST	
13.000	699.73	101.17	360.83	.00	.33	2.39	.00	1.00	205.67	673.00	
13.000	700.31	218.71	400.84	34.45	.40	2.24	.31	1.11	184.26	808.74	
13.000	700.91	328.47	407.25	66.28	.40	1.96	.33	1.09	163.15	829.85	
13.000	701.47	471.44	460.85	108.71	.43	1.97	.37	1.08	143.71	851.62	
13.000	702.05	600.45	489.81	152.74	.44	1.87	.38	1.06	123.78	874.95	
13.000	702.60	736.32	526.83	201.85	.45	1.83	.39	1.05	110.11	896.83	
13.000	704.26	1114.18	608.04	358.78	.44	1.65	.39	1.01	37.00	931.90	
*	13.500	699.71	38.32	423.68	.00	.41	3.03	.00	.48	206.57	673.00
*	13.500	700.30	251.55	400.87	1.58	.76	2.59	.25	.38	184.27	808.73
*	13.500	700.92	429.26	353.57	19.16	.71	1.92	.40	.46	163.15	829.85
*	13.500	701.49	626.09	361.14	53.77	.72	1.71	.46	.52	143.21	852.19
	13.500	702.05	601.06	488.78	153.16	.44	1.86	.38	1.01	123.50	875.41
	13.500	702.60	736.92	525.72	202.36	.44	1.82	.39	1.01	109.77	897.38
	13.500	704.26	1114.44	607.48	359.09	.43	1.65	.39	1.00	36.54	932.04
*	14.000	699.84	131.89	318.80	11.30	.60	2.64	.41	2.28	539.00	694.00
*	14.000	700.35	208.01	422.94	23.04	.67	3.12	.48	2.18	157.64	765.74
*	14.000	700.93	313.68	442.11	46.21	.53	2.90	.41	1.68	143.95	792.54
*	14.000	701.49	472.54	484.89	83.56	.54	2.87	.44	1.47	130.00	822.32
	14.000	702.05	620.77	496.83	125.40	.53	2.68	.44	.76	114.63	843.95
	14.000	702.60	777.45	513.70	173.85	.53	2.55	.45	.78	96.78	875.52
	14.000	704.26	1205.65	538.27	337.08	.50	2.16	.43	.82	38.45	930.25
	14.500	699.98	171.71	282.49	7.80	.36	2.51	.21	.99	114.57	749.61
	14.500	700.54	320.42	304.00	29.58	.42	2.37	.30	1.25	108.26	765.16
	14.500	701.07	442.87	304.67	54.45	.43	2.13	.33	1.29	102.24	779.00
	14.500	701.61	614.08	336.56	90.36	.47	2.13	.37	1.27	94.52	805.26
	14.500	702.14	761.42	353.49	128.09	.48	2.04	.38	1.24	86.02	827.06
	14.500	702.68	918.48	374.48	172.04	.49	1.99	.40	1.21	65.80	842.61
	14.500	704.30	1348.26	417.53	315.21	.48	1.79	.40	1.14	27.59	883.17
	15.000	700.08	142.40	284.39	35.21	.36	2.37	.37	1.12	1031.01	1595.53
	15.000	700.61	255.45	336.38	62.17	.42	2.49	.43	1.00	1003.52	1608.28
	15.000	701.12	366.86	345.32	89.82	.43	2.31	.43	.96	978.95	1622.61
	15.000	701.66	526.34	382.87	131.79	.47	2.33	.45	.95	952.84	1637.84
	15.000	702.18	668.58	402.99	171.42	.48	2.25	.46	.94	927.86	1652.42
	15.000	702.71	823.19	425.42	216.39	.49	2.19	.46	.94	903.62	1667.97
	15.000	704.32	1257.14	466.14	357.72	.48	1.95	.44	.94	843.30	1722.66
	15.500	700.21	176.36	282.80	2.84	.39	2.44	.22	.93	266.96	727.09
	15.500	700.73	311.58	331.11	11.31	.48	2.53	.28	.94	252.15	767.85
	15.500	701.21	426.61	349.45	25.93	.50	2.41	.31	.92	237.77	792.81
	15.500	701.74	594.23	394.97	51.80	.55	2.47	.37	.91	215.72	811.42
	15.500	702.25	740.61	420.72	81.67	.56	2.41	.40	.90	183.61	829.07
	15.500	702.76	898.99	448.06	117.95	.57	2.36	.42	.90	134.13	846.44
	15.500	704.36	1344.51	494.36	242.12	.53	2.09	.43	.90	25.91	887.30

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
16.000	700.39	133.70	273.05	55.25	.44	2.20	.59	.74	1148.64	1647.65
16.000	700.90	260.10	306.06	87.84	.52	2.21	.63	.77	1101.49	1656.65
16.000	701.34	377.50	309.11	115.39	.54	2.04	.61	.79	1071.96	1666.72
16.000	701.86	548.77	333.93	158.30	.59	2.01	.63	.81	1038.13	1678.25
16.000	702.35	701.87	344.65	196.47	.59	1.91	.62	.83	1005.74	1689.29
16.000	702.85	868.87	356.89	239.24	.60	1.83	.62	.85	978.28	1705.22
16.000	704.40	1336.53	373.96	370.52	.57	1.56	.55	.88	911.71	1768.70
16.500	700.66	18.04	376.44	67.52	.76	2.85	.73	.80	590.97	738.34
* 16.500	701.14	42.22	480.41	131.38	.48	3.28	.81	.70	254.19	845.81
* 16.500	701.53	113.25	496.19	192.56	.49	3.14	.77	.67	229.17	877.53
* 16.500	702.02	241.69	512.20	287.11	.57	2.96	.76	.69	205.22	913.34
16.500	702.48	367.99	502.63	372.38	.60	2.69	.73	.72	191.52	932.11
16.500	702.96	503.61	496.51	464.88	.62	2.47	.71	.75	171.78	949.22
16.500	704.46	895.40	466.74	718.87	.57	1.90	.63	.83	48.87	984.77
17.000	701.01	155.50	255.82	50.68	.64	2.23	.32	1.35	1255.54	1802.44
* 17.000	701.52	227.92	283.26	142.83	.67	2.23	.41	1.54	1219.06	1826.50
* 17.000	701.85	281.25	299.79	220.96	.68	2.22	.47	1.47	1195.14	1842.29
17.000	702.28	366.55	328.45	346.00	.71	2.26	.54	1.35	1164.17	1862.72
17.000	702.68	439.89	340.92	462.18	.70	2.20	.57	1.25	1133.20	1881.84
17.000	703.11	524.42	349.26	591.31	.68	2.11	.59	1.19	1090.33	1902.95
17.000	704.54	777.90	348.28	954.82	.58	1.75	.56	1.09	950.82	1971.64
17.500	701.23	27.94	331.83	102.24	.25	2.25	.72	.99	285.89	871.43
17.500	701.71	116.51	378.97	158.52	.37	2.33	.66	.95	260.93	964.43
17.500	702.03	196.48	399.18	206.34	.44	2.32	.63	.96	248.34	1003.64
17.500	702.45	324.66	429.12	287.22	.51	2.32	.64	.97	232.38	1025.25
17.500	702.82	442.03	440.28	360.69	.54	2.23	.64	.98	218.35	1042.37
17.500	703.24	572.18	448.85	443.97	.57	2.14	.63	.98	203.05	1060.34
17.500	704.60	946.41	442.20	692.38	.55	1.75	.57	.99	144.09	1132.03
* 18.000	701.35	.78	229.00	232.22	.18	1.42	.32	2.54	1185.75	1676.41
* 18.000	701.83	1.41	282.30	370.29	.21	1.60	.39	2.33	1184.31	1707.24
* 18.000	702.14	1.98	319.97	480.04	.23	1.72	.43	2.15	1183.39	1711.00
* 18.000	702.54	3.03	378.60	659.37	.26	1.90	.50	1.94	1182.17	1711.00
* 18.000	702.91	12.37	417.94	812.69	.12	1.98	.55	1.79	887.37	1711.00
* 18.000	703.31	38.29	452.61	974.09	.17	2.03	.58	1.67	863.35	1711.00
* 18.000	704.64	183.11	506.85	1391.04	.26	1.90	.60	1.45	777.12	1711.00
* 19.000	701.39	33.47	316.42	112.11	.29	2.07	.36	.68	335.77	884.27
19.000	701.88	63.92	375.27	214.82	.34	2.23	.43	.71	308.48	916.50
19.000	702.19	89.52	413.07	299.41	.37	2.32	.47	.73	291.47	939.10
19.000	702.60	132.92	469.25	438.83	.42	2.45	.54	.77	270.32	947.00
19.000	702.97	174.05	504.50	564.46	.44	2.49	.57	.79	253.20	947.00
19.000	703.37	222.66	537.40	704.94	.46	2.49	.61	.81	235.32	947.00
19.000	704.68	384.56	587.93	1108.51	.46	2.28	.63	.83	182.55	947.00

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
19.500	701.49	23.77	273.30	164.93	.30	2.04	.41	.91	241.51	739.00
19.500	701.97	45.88	322.36	285.76	.35	2.16	.49	.94	210.01	739.00
19.500	702.28	65.51	357.37	379.12	.38	2.24	.54	.94	189.75	739.00
19.500	702.69	100.72	412.09	528.18	.42	2.39	.62	.94	164.01	739.00
19.500	703.05	135.90	450.11	657.00	.45	2.44	.67	.93	149.12	739.00
19.500	703.44	178.43	488.42	798.15	.47	2.49	.71	.92	136.91	739.00
19.500	704.73	326.75	560.12	1194.13	.50	2.36	.74	.89	103.38	739.00
20.000	701.58	31.15	271.15	159.70	.30	2.07	.44	.97	206.74	651.00
20.000	702.06	61.99	324.71	267.30	.36	2.22	.54	.96	178.40	651.00
20.000	702.37	88.87	363.45	349.68	.40	2.33	.60	.96	175.01	651.00
20.000	702.79	134.69	424.49	481.81	.46	2.50	.68	.95	170.43	651.00
20.000	703.14	177.48	469.36	596.16	.51	2.59	.74	.94	166.52	651.00
20.000	703.53	227.32	514.83	722.85	.55	2.66	.79	.93	162.29	651.00
20.000	704.79	387.33	611.99	1081.68	.60	2.62	.85	.89	146.73	651.00
21.000	701.61	34.39	298.21	129.40	.35	2.29	.47	.90	198.54	562.00
21.000	702.09	65.53	363.32	225.15	.42	2.50	.59	.89	178.52	562.00
21.000	702.40	92.23	410.08	299.69	.48	2.64	.66	.88	175.41	562.00
21.000	702.82	137.61	483.13	420.27	.55	2.86	.77	.87	171.19	562.00
21.000	703.17	179.69	537.49	525.82	.60	2.98	.84	.87	167.60	562.00
21.000	703.56	228.61	592.77	643.62	.65	3.08	.90	.86	163.72	562.00
21.000	704.81	384.87	713.58	982.55	.72	3.07	.99	.85	151.15	562.00
22.000	701.66	34.00	329.67	98.33	.41	2.56	.51	.89	174.03	456.00
22.000	702.13	62.38	410.98	180.64	.52	2.85	.65	.87	166.41	456.00
22.000	702.44	85.89	469.61	246.49	.58	3.05	.74	.86	161.51	456.00
22.000	702.86	126.33	560.36	354.31	.68	3.35	.88	.85	154.64	456.00
22.000	703.21	164.03	628.88	450.09	.74	3.52	.97	.84	148.77	456.00
22.000	703.60	208.23	698.91	557.86	.79	3.66	1.05	.84	142.45	456.00
22.000	704.84	354.07	854.71	872.21	.86	3.70	1.17	.83	121.90	456.00
*	23.000	701.69	39.43	360.16	62.40	3.56	.80	.71	197.20	352.97
*	23.000	702.17	72.41	464.03	117.57	4.13	.94	.68	189.56	387.00
*	23.000	702.47	99.94	534.49	167.57	4.46	1.06	.67	184.54	387.00
*	23.000	702.89	147.12	640.35	253.52	4.93	1.24	.66	178.33	387.00
*	23.000	703.24	191.54	718.55	332.91	5.20	1.37	.66	174.12	387.00
*	23.000	703.62	243.51	797.12	424.36	5.41	1.50	.66	169.58	387.00
*	23.000	704.85	412.56	965.51	702.92	5.46	1.68	.65	152.91	387.00
*	24.000	701.90	.00	462.00	.00	1.03	.00	3.31	1138.08	1261.92
*	24.000	702.42	.00	654.00	.00	1.27	.00	3.14	1138.07	1261.93
*	24.000	702.74	.00	802.00	.00	1.45	.00	3.01	1138.07	1261.93
*	24.000	703.19	.00	1041.00	.00	1.71	.00	2.83	1138.06	1261.94
*	24.000	703.55	.00	1243.00	.00	1.90	.00	2.68	1138.06	1261.94
*	24.000	703.93	.00	1465.00	.00	2.09	.00	2.54	1138.05	1261.95
*	24.000	705.09	.00	2081.00	.00	2.47	.00	2.16	1138.04	1261.96

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST	
25.000	701.90	.00	462.00	.00	.00	1.03	.00	1.00	1138.08	1261.92	
25.000	702.42	.00	654.00	.00	.00	1.27	.00	1.00	1138.07	1261.93	
25.000	702.75	.00	802.00	.00	.00	1.45	.00	1.00	1138.07	1261.93	
25.000	703.19	.00	1041.00	.00	.00	1.71	.00	1.00	1138.06	1261.94	
25.000	703.55	.00	1243.00	.00	.00	1.90	.00	1.00	1138.06	1261.94	
25.000	703.93	.00	1465.00	.00	.00	2.09	.00	1.00	1138.05	1261.95	
25.000	705.18	.00	2081.00	.00	.00	2.43	.00	1.02	1138.04	1261.96	
*	26.000	701.89	34.11	323.77	104.12	.39	2.52	.62	.48	472.00	627.00
*	26.000	702.40	65.28	434.06	154.66	.54	3.05	.78	.48	472.00	627.00
*	26.000	702.72	91.43	516.69	193.88	.64	3.41	.89	.49	472.00	627.00
*	26.000	703.16	136.14	647.39	257.48	.79	3.95	1.05	.49	472.00	627.00
*	26.000	703.51	177.13	754.01	311.86	.91	4.34	1.17	.50	472.00	627.00
*	26.000	703.89	224.67	868.32	372.01	1.02	4.71	1.29	.50	472.00	627.00
*	26.000	705.13	377.29	1161.23	542.48	1.25	5.30	1.49	.52	472.00	627.00
	27.000	701.95	137.88	294.42	29.70	.44	2.51	.36	.94	286.00	640.81
	27.000	702.50	234.06	356.28	63.66	.54	2.69	.44	1.07	286.00	651.00
	27.000	702.85	308.06	401.12	92.81	.60	2.83	.50	1.15	286.00	651.00
	27.000	703.34	427.59	471.16	142.25	.69	3.04	.59	1.24	286.00	651.00
	27.000	703.73	530.41	525.77	186.83	.75	3.18	.65	1.31	286.00	651.00
	27.000	704.14	644.44	582.87	237.68	.81	3.30	.71	1.38	286.00	651.00
	27.000	705.43	972.31	715.24	393.45	.89	3.38	.81	1.52	286.00	651.00
	28.000	702.02	144.65	243.66	73.69	.36	2.13	.36	1.19	167.00	663.40
	28.000	702.58	243.63	284.25	126.12	.43	2.21	.42	1.23	167.00	688.20
	28.000	702.93	318.47	315.33	168.20	.47	2.29	.45	1.24	167.00	699.00
	28.000	703.42	439.10	362.84	239.06	.53	2.41	.51	1.27	167.00	699.00
	28.000	703.82	541.96	399.81	301.23	.57	2.49	.55	1.29	167.00	699.00
	28.000	704.23	655.47	438.54	370.99	.61	2.56	.59	1.30	167.00	699.00
	28.000	705.52	978.11	526.83	576.06	.67	2.57	.65	1.32	167.00	699.00
	29.000	702.07	146.84	219.38	95.78	.32	1.93	.35	1.10	130.72	713.52
	29.000	702.62	247.33	252.98	153.69	.38	1.98	.40	1.12	124.63	727.50
	29.000	702.98	324.49	278.71	198.80	.41	2.03	.43	1.13	120.70	735.31
	29.000	703.47	449.19	319.35	272.45	.46	2.13	.47	1.13	115.77	746.35
	29.000	703.86	555.85	350.77	336.39	.50	2.19	.50	1.14	111.90	755.27
	29.000	704.27	673.55	383.32	408.13	.53	2.25	.53	1.14	107.86	773.05
	29.000	705.55	1002.97	451.55	626.48	.57	2.21	.54	1.16	64.94	845.51
	30.000	702.11	145.80	200.84	115.36	.31	1.84	.34	1.05	132.96	775.27
	30.000	702.65	241.12	229.75	183.13	.36	1.87	.38	1.05	129.48	789.42
	30.000	703.01	313.93	252.12	235.95	.39	1.92	.40	1.06	127.22	796.66
	30.000	703.50	430.77	287.99	322.24	.44	2.00	.45	1.06	124.09	807.28
	30.000	703.89	530.26	315.86	396.88	.47	2.06	.47	1.06	121.60	815.98
	30.000	704.30	640.02	344.76	480.22	.50	2.11	.50	1.06	115.40	820.00
	30.000	705.57	955.22	407.43	718.36	.53	2.08	.53	1.06	50.63	820.00

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
31.000	702.14	90.00	197.68	174.32	.34	2.01	.37	.89	601.66	1153.00
31.000	702.68	152.37	228.47	273.17	.38	2.06	.43	.88	567.42	1153.00
31.000	703.03	205.36	250.75	345.89	.42	2.11	.47	.88	551.35	1153.00
31.000	703.52	293.45	286.47	461.08	.46	2.20	.52	.88	529.02	1153.00
31.000	703.91	371.54	314.19	557.28	.49	2.26	.56	.88	511.25	1153.00
31.000	704.32	460.48	342.91	661.61	.52	2.31	.59	.89	492.65	1153.00
31.000	705.59	737.79	403.69	939.52	.55	2.27	.62	.89	443.83	1153.00
31.500	702.19	105.82	210.16	146.02	.29	1.85	.33	1.13	185.05	830.12
31.500	702.73	183.95	240.58	229.47	.34	1.89	.38	1.13	168.52	835.00
31.500	703.08	245.16	263.77	293.07	.37	1.93	.41	1.13	158.44	835.00
31.500	703.57	345.54	300.79	394.67	.42	2.01	.45	1.13	148.15	835.00
31.500	703.96	432.81	329.68	480.51	.45	2.07	.49	1.13	139.93	835.00
31.500	704.36	530.90	359.72	574.37	.48	2.12	.51	1.13	127.01	835.00
31.500	705.62	824.63	424.88	831.49	.51	2.09	.55	1.12	57.19	835.00
32.000	702.23	62.44	239.94	159.62	.29	1.92	.35	.97	325.91	851.00
32.000	702.77	113.29	286.82	253.90	.35	2.05	.42	.92	289.82	851.00
32.000	703.12	158.41	318.99	324.60	.39	2.13	.46	.91	273.26	851.00
32.000	703.60	235.09	368.59	437.32	.44	2.25	.52	.89	250.10	851.00
32.000	703.99	304.39	406.62	531.99	.47	2.33	.56	.88	231.68	851.00
32.000	704.40	384.35	445.60	635.05	.50	2.40	.59	.88	212.43	851.00
32.000	705.65	640.48	526.78	913.74	.54	2.39	.63	.87	164.61	851.00
33.000	702.29	76.77	271.22	114.01	.32	2.05	.36	.92	185.53	650.00
33.000	702.82	139.78	325.58	188.65	.39	2.19	.43	.93	168.57	650.00
33.000	703.17	191.21	364.78	246.00	.44	2.29	.48	.92	158.32	650.00
33.000	703.66	277.89	425.15	337.96	.50	2.44	.55	.92	143.79	650.00
33.000	704.04	355.33	471.91	415.76	.54	2.53	.59	.92	119.19	650.00
33.000	704.45	444.60	519.89	500.52	.57	2.61	.63	.92	102.71	650.00
33.000	705.69	722.90	625.71	732.39	.62	2.64	.69	.91	71.88	650.00
33.500	702.37	83.53	313.35	65.12	.39	2.29	.39	.87	193.66	518.00
33.500	702.90	149.32	390.89	113.79	.49	2.52	.50	.84	186.86	518.00
33.500	703.25	202.54	447.26	152.20	.55	2.68	.56	.83	182.40	518.00
33.500	703.74	291.91	534.21	214.88	.64	2.91	.65	.82	174.05	518.00
33.500	704.12	371.24	602.89	268.86	.70	3.07	.71	.81	166.41	518.00
33.500	704.52	461.52	674.78	328.69	.75	3.21	.77	.80	157.79	518.00
33.500	705.75	738.93	844.15	497.92	.83	3.35	.87	.77	119.08	518.00
34.000	702.44	61.57	365.90	34.53	.39	2.43	.43	.95	99.59	359.00
34.000	702.97	121.77	470.67	61.55	.50	2.77	.55	.92	94.24	359.00
34.000	703.32	173.28	545.58	83.15	.57	2.98	.62	.91	90.72	359.00
34.000	703.81	261.91	660.43	118.66	.67	3.29	.73	.90	85.79	359.00
34.000	704.20	342.05	751.54	149.41	.75	3.49	.80	.89	81.90	359.00
34.000	704.59	434.56	846.88	183.56	.82	3.68	.87	.88	77.53	359.00
34.000	705.80	722.08	1077.71	281.21	.95	3.92	.99	.86	63.45	359.00

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST	
35.000	702.49	44.16	407.19	10.66	.41	2.61	.37	.91	112.03	294.00	
35.000	703.02	90.92	538.96	24.12	.55	3.04	.51	.89	103.76	294.00	
35.000	703.37	131.83	634.30	35.87	.63	3.31	.60	.88	98.10	294.00	
35.000	703.86	204.28	780.62	56.10	.76	3.70	.73	.87	89.40	294.00	
35.000	704.24	270.74	898.08	74.18	.85	3.97	.82	.87	82.68	294.00	
35.000	704.64	349.30	1020.91	94.80	.93	4.21	.91	.86	69.91	294.00	
35.000	705.84	607.40	1317.89	155.71	1.06	4.54	1.07	.85	46.06	294.00	
36.000	702.56	44.78	417.22	.00	.67	2.51	.00	1.04	459.00	535.00	
36.000	703.09	77.08	576.92	.00	.89	3.08	.00	.97	459.00	535.00	
36.000	703.44	103.85	698.15	.00	1.05	3.46	.00	.94	459.00	535.00	
36.000	703.92	149.45	891.55	.00	1.28	4.03	.00	.89	459.00	535.00	
36.000	704.30	190.03	1052.97	.00	1.46	4.45	.00	.86	459.00	535.00	
36.000	704.69	236.15	1228.84	.00	1.64	4.89	.00	.82	459.00	535.00	
36.000	705.83	377.92	1703.08	.00	2.04	5.73	.00	.74	459.00	535.00	
37.000	702.56	.00	462.00	.00	.00	2.91	.00	1.03	584.00	616.00	
37.000	703.08	.00	654.00	.00	.00	3.73	.00	.97	584.00	616.00	
37.000	703.42	.00	802.00	.00	.00	4.31	.00	.95	584.00	616.00	
37.000	703.88	.00	1041.00	.00	.00	5.18	.00	.91	584.00	616.00	
37.000	704.23	.00	1243.00	.00	.00	5.86	.00	.89	584.00	616.00	
37.000	704.59	.00	1465.00	.00	.00	6.55	.00	.87	584.00	616.00	
37.000	705.63	.00	2081.00	.00	.00	8.10	.00	.82	584.00	616.00	
38.000	702.59	.00	462.00	.00	.00	2.90	.00	1.01	584.00	616.00	
38.000	703.12	.00	654.00	.00	.00	3.70	.00	1.01	584.00	616.00	
38.000	703.46	.00	802.00	.00	.00	4.27	.00	1.01	584.00	616.00	
38.000	703.94	.00	1041.00	.00	.00	5.13	.00	1.02	584.00	616.00	
38.000	704.31	.00	1243.00	.00	.00	5.79	.00	1.02	584.00	616.00	
38.000	704.68	.00	1465.00	.00	.00	6.47	.00	1.02	584.00	616.00	
38.000	705.76	.00	2081.00	.00	.00	7.97	.00	1.03	584.00	616.00	
*	39.000	702.75	1.33	344.34	116.33	.06	1.27	.26	1.86	430.59	1064.67
*	39.000	703.39	23.21	406.62	224.17	.16	1.28	.30	2.46	358.51	1120.34
*	39.000	703.83	49.58	445.52	306.90	.20	1.27	.32	2.92	309.31	1158.34
*	39.000	704.47	102.33	499.91	438.75	.23	1.26	.34	3.65	237.55	1213.76
*	39.000	704.98	158.47	535.16	549.37	.25	1.23	.35	4.31	206.19	1251.17
*	39.000	705.52	225.61	569.38	670.02	.27	1.20	.35	5.05	182.45	1288.13
*	39.000	707.04	429.51	645.05	1006.44	.29	1.10	.34	7.09	120.74	1375.82
*	39.300	702.73	8.42	446.57	7.01	.24	2.31	.40	.63	432.74	739.18
*	39.300	703.36	54.05	570.75	29.20	.33	2.59	.32	.55	361.56	820.87
*	39.300	703.80	108.96	626.36	66.69	.39	2.63	.36	.54	312.20	893.59
*	39.300	704.45	212.15	673.87	154.98	.44	2.54	.41	.54	239.75	948.52
*	39.300	704.97	313.36	689.95	239.68	.46	2.40	.44	.56	206.82	974.39
*	39.300	705.51	427.84	701.19	335.97	.48	2.26	.46	.57	182.91	999.00
*	39.300	707.03	748.83	717.40	614.77	.47	1.92	.46	.61	120.90	1066.51

SECNO	CHSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
39.600	702.73	.08	461.54	.37	.06	2.39	.09	.94	432.74	739.18
39.600	703.35	10.89	626.86	16.24	.23	2.85	.27	.87	362.18	819.95
39.600	703.79	36.87	713.23	51.89	.31	2.99	.35	.83	313.09	892.27
39.600	704.44	107.95	781.00	152.05	.38	2.94	.46	.81	240.58	948.15
*	39.600	704.98	256.20	660.36	.56	2.32	.66	.63	206.82	974.38
*	39.600	705.54	448.59	501.12	.66	1.73	.74	.60	181.72	1000.21
	39.600	707.05	814.77	440.93	.60	1.25	.64	.70	120.63	1066.63
*	40.000	702.84	51.20	406.98	3.82	.59	3.24	.43	273.00	433.97
40.000	703.49	119.13	514.10	20.76	.77	3.49	.42	.75	273.00	533.00
40.000	703.93	173.90	574.84	53.27	.86	3.56	.54	.78	273.00	533.00
40.000	704.55	262.81	660.33	117.87	.96	3.62	.70	.77	273.00	533.00
40.000	705.08	339.70	722.21	181.09	1.02	3.62	.79	.95	273.00	533.00
40.000	705.62	423.52	788.28	253.20	1.07	3.62	.87	.95	273.00	533.00
*	40.000	707.07	656.12	960.94	1.17	3.62	1.02	.69	273.00	533.00
40.500	703.03	5.25	456.75	.00	.33	3.12	.00	.98	333.00	414.95
40.500	703.67	27.60	626.40	.00	.67	3.60	.00	.89	333.00	417.83
40.500	704.09	49.85	752.15	.00	.86	3.89	.00	.82	333.00	419.69
40.500	704.68	90.32	950.34	.35	1.11	4.30	.12	.74	333.00	463.00
40.500	705.18	126.53	1105.21	11.26	1.25	4.49	.48	.71	333.00	463.00
*	40.500	705.69	166.38	1267.22	31.40	1.36	4.68	.70	333.00	463.00
*	40.500	707.09	280.54	1688.77	111.68	1.57	4.97	1.09	333.00	463.00
*	41.000	703.23	.00	462.00	.00	.90	.00	4.47	27.55	132.76
*	41.000	703.92	.00	654.00	.00	1.11	.00	4.14	25.99	134.36
*	41.000	704.37	.00	802.00	.00	1.26	.00	3.95	24.98	135.39
*	41.000	705.00	.00	1041.00	.00	1.46	.00	3.68	23.54	138.90
*	41.000	705.52	.00	1243.00	.00	1.61	.00	3.36	19.10	138.90
*	41.000	706.04	.00	1465.00	.00	1.75	.00	3.16	19.10	138.90
*	41.000	707.45	.00	2081.00	.00	2.07	.00	2.77	19.10	138.90
42.000	703.23	.00	462.00	.00	.00	.90	.00	1.00	27.55	132.76
42.000	703.92	.00	654.00	.00	.00	1.11	.00	1.00	25.99	134.36
42.000	704.37	.00	802.00	.00	.00	1.26	.00	1.00	24.98	135.39
42.000	705.01	.00	1041.00	.00	.00	1.46	.00	1.00	23.54	138.90
42.000	705.52	.00	1243.00	.00	.00	1.61	.00	1.00	19.10	138.90
42.000	706.05	.00	1465.00	.00	.00	1.75	.00	1.00	19.10	138.90
42.000	707.45	.00	2081.00	.00	.00	2.07	.00	1.00	19.10	138.90
*	43.000	703.19	3.93	432.79	25.28	.21	2.64	.50	355.00	522.26
*	43.000	703.89	30.03	562.42	61.55	.44	2.95	.62	355.00	548.46
*	43.000	704.34	56.32	648.77	96.91	.57	3.11	.68	355.00	573.06
*	43.000	704.98	103.04	772.66	165.31	.71	3.31	.78	355.00	575.00
*	43.000	705.50	145.95	866.53	230.52	.80	3.41	.85	355.00	575.00
*	43.000	706.03	194.03	965.96	305.01	.89	3.52	.93	355.00	575.00
*	43.000	707.44	333.96	1220.59	526.45	1.05	3.70	1.08	355.00	575.00

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
44.000	703.23	12.89	443.86	5.24	.35	2.79	.29	.92	341.64	535.09
44.000	703.92	59.68	562.10	32.22	.50	3.02	.46	.96	317.00	565.51
44.000	704.38	105.93	632.80	63.26	.61	3.10	.55	.99	317.00	580.98
44.000	705.03	184.26	732.02	124.73	.73	3.19	.64	1.02	317.00	612.65
44.000	705.56	252.57	801.61	188.82	.80	3.20	.69	1.05	317.00	637.00
44.000	706.10	326.15	872.42	266.44	.85	3.21	.74	1.08	317.00	637.00
44.000	707.53	530.26	1047.66	503.08	.96	3.20	.85	1.15	317.00	637.00
45.000	703.27	4.40	457.60	.00	.19	2.72	.00	1.01	369.98	482.99
45.000	703.95	32.14	621.86	.00	.33	3.13	.00	.91	295.60	486.11
45.000	704.40	75.73	726.27	.00	.45	3.31	.00	.86	283.00	488.14
45.000	705.05	161.82	869.64	9.53	.60	3.47	.24	.84	283.00	581.83
45.000	705.58	239.39	969.39	34.22	.67	3.51	.37	.84	283.00	596.58
45.000	706.11	323.59	1071.47	69.94	.74	3.56	.46	.84	283.00	611.21
45.000	707.53	556.98	1304.17	219.86	.84	3.53	.58	.85	283.00	696.67
46.000	703.35	3.45	454.40	4.14	.33	2.96	.19	.91	452.80	594.51
46.000	704.05	12.00	605.87	36.13	.47	3.36	.40	.96	259.61	618.77
46.000	704.50	25.13	704.11	72.76	.41	3.56	.51	.99	246.61	639.62
46.000	705.14	79.56	818.43	143.01	.44	3.67	.60	1.01	228.70	674.36
46.000	705.67	150.29	880.97	211.74	.50	3.62	.64	1.03	213.59	712.39
46.000	706.21	241.37	929.03	294.60	.54	3.51	.64	1.07	196.06	771.22
46.000	707.65	514.69	1004.55	561.76	.59	3.13	.61	1.18	150.48	875.67
46.500	703.51	.02	461.82	.16	.09	3.02	.15	.95	405.45	453.64
46.500	704.20	2.64	642.17	9.18	.19	3.53	.20	.93	217.17	800.14
46.500	704.65	18.10	730.16	53.74	.31	3.64	.33	.95	201.56	805.60
46.500	705.30	66.89	804.73	169.37	.40	3.55	.45	1.01	135.30	813.30
46.500	705.82	128.30	829.25	285.46	.45	3.34	.50	1.06	121.15	819.61
46.500	706.34	200.59	854.41	409.99	.48	3.17	.53	1.08	110.43	838.60
46.500	707.73	419.65	905.33	756.03	.51	2.77	.56	1.10	79.18	864.00
* 47.000	703.70	13.97	401.09	46.94	.19	2.13	.24	1.59	277.52	746.50
* 47.000	704.45	50.52	473.75	129.73	.25	2.16	.30	1.82	188.06	857.57
* 47.000	704.90	89.78	507.10	205.13	.29	2.13	.33	1.89	163.14	905.05
* 47.000	705.50	157.00	552.50	331.49	.34	2.10	.36	1.84	149.32	955.54
* 47.000	705.97	215.31	585.50	442.20	.36	2.07	.38	1.73	138.45	995.22
* 47.000	706.47	279.95	618.24	566.81	.38	2.03	.39	1.66	127.09	1036.71
* 47.000	707.80	461.77	687.33	931.90	.41	1.91	.41	1.52	94.71	1106.58
47.500	703.79	.00	432.49	29.51	.00	2.62	.29	.75	374.40	609.06
47.500	704.52	2.96	538.99	112.05	.15	2.75	.41	.72	288.44	691.94
* 47.500	704.96	17.33	599.28	185.39	.24	2.79	.46	.70	211.12	736.55
* 47.500	705.55	61.50	672.26	307.23	.32	2.80	.51	.69	163.70	762.91
* 47.500	706.01	110.62	719.20	413.18	.38	2.77	.54	.69	154.19	778.73
* 47.500	706.50	170.32	763.99	530.69	.43	2.72	.56	.70	145.91	789.03
47.500	707.83	354.56	865.06	861.37	.49	2.56	.58	.70	115.61	838.80

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
48.000	703.95	4.76	455.67	1.57	.29	2.59	.29	1.01	358.61	436.13
48.000	704.65	15.49	632.41	6.10	.41	3.05	.20	.92	344.62	758.96
48.000	705.07	27.53	729.65	44.82	.48	3.23	.26	.88	326.73	788.78
48.000	705.64	50.29	839.93	150.78	.52	3.34	.39	.85	301.99	830.02
48.000	706.10	73.39	906.20	263.41	.53	3.33	.45	.84	282.17	863.06
48.000	706.58	102.30	963.47	399.23	.53	3.28	.50	.84	261.33	897.79
48.000	707.88	210.42	1050.68	819.90	.54	2.98	.55	.86	194.46	1011.36
48.500	704.14	11.12	387.75	63.13	.26	2.72	.56	.90	243.28	497.90
48.500	704.88	52.46	475.28	126.26	.40	2.76	.53	1.06	217.89	619.91
48.500	705.30	88.32	529.54	184.14	.45	2.80	.54	1.11	180.62	664.23
48.500	705.86	152.24	603.87	284.89	.49	2.86	.56	1.13	118.96	718.12
48.500	706.29	213.40	652.62	376.98	.52	2.86	.57	1.13	97.78	773.42
48.500	706.74	284.87	695.59	484.53	.53	2.82	.57	1.13	81.29	843.64
48.500	707.99	491.91	771.53	817.57	.55	2.60	.55	1.11	37.02	917.30
49.000	704.33	.00	462.00	.00	.00	3.40	.00	.78	363.56	402.58
49.000	705.01	1.50	623.89	28.61	.19	3.82	.29	.69	323.73	673.87
49.000	705.42	9.17	699.62	93.21	.29	3.90	.42	.68	284.26	725.00
49.000	705.96	33.39	786.90	220.71	.37	3.91	.53	.70	231.56	793.26
49.000	706.39	63.92	837.18	341.90	.42	3.83	.58	.71	190.70	846.19
49.000	706.83	111.41	867.57	486.02	.47	3.67	.61	.73	163.04	883.21
49.000	708.05	276.12	905.78	899.11	.55	3.18	.63	.79	126.31	937.07
49.500	704.70	.66	461.26	.08	.25	3.99	.07	.76	374.59	525.52
49.500	705.38	10.01	587.73	56.26	.47	4.12	.41	.86	344.49	708.46
49.500	705.76	22.41	647.36	132.23	.53	4.10	.54	.88	322.42	730.45
49.500	706.26	58.10	716.38	266.52	.46	4.03	.62	.91	135.66	859.14
49.500	706.65	111.86	743.16	387.98	.50	3.84	.64	.93	129.12	875.72
49.500	707.05	178.28	765.49	521.23	.54	3.65	.66	.94	122.36	900.00
49.500	708.17	381.00	809.31	890.70	.60	3.18	.68	.94	107.77	900.00
50.000	705.25	20.03	441.96	.00	.47	4.14	.00	1.00	220.15	438.98
50.000	705.85	73.16	580.84	.00	.68	4.54	.00	.88	212.96	439.88
50.000	706.17	120.73	681.27	.00	.80	4.88	.00	.79	209.17	440.35
50.000	706.58	208.22	832.78	.00	.96	5.36	.00	.68	204.22	440.97
50.000	706.90	282.95	892.93	67.12	1.01	5.33	.33	.65	194.50	1143.11
50.000	707.27	351.36	890.94	222.70	.98	4.90	.48	.67	182.95	1165.12
50.000	708.31	504.82	828.39	747.80	.83	3.72	.59	.78	149.17	1229.52
50.500	705.78	22.79	437.32	1.89	.48	3.75	.34	1.08	324.61	495.05
50.500	706.39	94.73	541.05	18.22	.51	3.83	.38	1.21	128.49	608.17
50.500	706.74	170.86	585.07	46.07	.57	3.76	.44	1.35	112.87	663.71
50.500	707.21	292.99	643.31	104.70	.64	3.69	.52	1.56	97.38	704.81
50.500	707.47	385.35	705.00	152.65	.71	3.82	.58	1.49	93.34	710.54
50.500	707.70	484.20	775.46	205.33	.77	4.00	.65	1.28	89.79	715.57
50.500	708.49	789.63	901.77	389.59	.87	4.00	.77	.94	.00	729.21

	SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
	51.000	706.25	.00	462.00	.00	.00	3.34	.00	.95	380.53	420.29
	51.000	706.78	2.25	641.63	10.12	.17	4.01	.17	.77	302.58	764.64
	51.000	707.07	12.10	736.05	53.85	.32	4.28	.32	.70	290.47	809.70
*	51.000	707.47	35.88	847.14	157.98	.47	4.49	.47	.65	273.71	872.09
*	51.000	707.73	57.74	932.58	252.68	.55	4.68	.55	.64	263.03	911.85
*	51.000	707.97	83.08	1020.27	361.66	.62	4.89	.63	.64	253.17	948.56
*	51.000	708.72	174.59	1158.40	748.02	.72	4.83	.73	.64	221.43	1067.97
	51.500	706.76	49.02	411.76	1.22	.36	3.01	.24	1.12	177.44	427.94
	51.500	707.39	125.05	492.86	36.09	.48	3.05	.23	1.37	169.23	794.95
*	51.500	707.70	172.49	542.31	87.19	.54	3.12	.31	1.44	165.17	804.42
*	51.500	708.09	244.49	618.94	177.57	.61	3.27	.41	1.43	160.05	934.29
*	51.500	708.35	302.83	680.76	259.40	.66	3.40	.46	1.43	155.95	960.48
*	51.500	708.60	364.54	744.27	356.18	.71	3.55	.50	1.44	152.07	985.25
	51.500	709.25	530.45	887.07	663.47	.81	3.76	.60	1.32	141.92	1049.97
	52.000	707.15	11.39	418.29	32.32	.23	2.68	.24	1.19	170.59	688.54
	52.000	707.72	39.17	507.81	107.02	.35	2.84	.36	1.12	166.06	730.11
	52.000	708.01	61.51	575.30	165.19	.40	3.01	.42	1.07	163.71	751.69
	52.000	708.40	100.31	676.85	263.84	.48	3.27	.50	1.03	160.64	779.89
	52.000	708.67	135.63	756.27	351.10	.53	3.47	.56	1.01	158.49	804.98
	52.000	708.92	178.45	834.46	452.09	.58	3.65	.61	1.00	156.45	845.46
	52.000	709.56	306.90	1017.99	756.10	.70	4.00	.71	.96	151.30	947.07
	52.500	707.50	83.34	342.37	36.28	.49	2.63	.24	.96	150.75	633.58
	52.500	708.04	132.01	403.36	118.63	.55	2.68	.35	1.00	146.32	668.49
	52.500	708.34	166.49	452.52	183.00	.60	2.80	.41	1.02	143.90	686.79
	52.500	708.74	220.67	526.34	293.99	.66	2.97	.49	1.06	140.55	713.87
	52.500	709.03	265.85	587.25	389.89	.71	3.12	.55	1.07	137.49	727.09
	52.500	709.29	314.97	652.72	497.32	.77	3.29	.60	1.07	134.37	858.98
	52.500	709.95	448.12	817.48	815.40	.89	3.67	.71	1.06	126.80	922.07
	53.000	707.83	.30	428.26	33.45	.27	3.06	.46	.92	279.17	385.03
	53.000	708.33	.83	585.03	68.14	.37	3.69	.63	.77	278.41	390.85
	53.000	708.63	1.43	702.93	97.64	.34	4.14	.73	.71	234.90	506.24
*	53.000	709.03	8.88	869.22	162.90	.34	4.71	.75	.66	218.84	538.75
*	53.000	709.32	20.32	992.83	229.84	.44	5.08	.80	.64	207.24	562.26
*	53.000	709.59	36.12	1119.40	309.48	.53	5.44	.87	.63	196.48	584.03
*	53.000	710.26	96.69	1420.32	563.99	.73	6.17	1.03	.62	170.25	637.16
	53.500	708.14	56.75	302.51	102.74	.41	2.21	.36	1.37	206.30	581.54
*	53.500	708.73	94.22	372.34	187.45	.48	2.34	.44	1.58	198.27	596.99
*	53.500	709.09	123.56	424.26	254.18	.52	2.46	.49	1.70	195.90	609.46
*	53.500	709.57	170.88	506.58	363.54	.59	2.67	.55	1.80	192.79	628.88
*	53.500	709.91	210.83	574.53	457.63	.64	2.84	.61	1.83	190.62	645.19
*	53.500	710.23	254.71	646.78	563.50	.70	3.02	.65	1.86	188.51	704.86
*	53.500	710.97	373.77	830.45	876.78	.83	3.43	.73	1.86	184.25	879.70

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST	
54.000	708.29	34.56	284.35	143.09	.33	2.21	.43	.99	273.31	642.32	
54.000	708.87	69.49	351.92	232.59	.41	2.37	.50	.98	270.00	655.13	
54.000	709.23	97.63	402.15	302.21	.46	2.49	.54	.98	270.00	665.37	
54.000	709.72	143.44	481.63	415.94	.54	2.70	.61	.98	270.00	684.39	
54.000	710.06	182.31	547.33	513.36	.60	2.88	.67	.98	270.00	703.87	
54.000	710.39	224.98	617.00	623.02	.66	3.06	.71	.98	270.00	807.98	
54.000	711.15	338.27	789.09	953.64	.79	3.46	.75	.99	257.97	1005.26	
55.000	708.36	33.89	288.63	139.48	.36	2.50	.46	.85	119.00	487.18	
55.000	708.93	70.08	350.81	233.11	.45	2.61	.54	.88	119.00	491.00	
55.000	709.29	98.74	398.07	305.18	.51	2.72	.59	.89	119.00	491.00	
55.000	709.78	145.40	474.52	421.08	.59	2.93	.66	.90	119.00	491.00	
55.000	710.12	185.19	538.80	519.02	.66	3.11	.73	.90	119.00	541.29	
55.000	710.45	228.89	607.20	628.91	.72	3.29	.78	.91	119.00	554.42	
55.000	711.22	348.68	783.69	948.63	.86	3.74	.85	.90	78.55	880.53	
*	56.000	708.36	4.78	424.30	.32.92	.61	4.12	.62	293.18	392.97	
*	56.000	708.91	17.30	559.87	76.83	.51	4.68	.78	223.00	434.92	
*	56.000	709.26	39.50	641.96	120.54	.63	4.91	.89	223.00	435.98	
*	56.000	709.74	82.26	764.46	194.28	.82	5.25	1.05	223.00	437.42	
*	56.000	710.08	121.20	863.88	257.92	.96	5.53	1.17	223.00	438.44	
*	56.000	710.41	165.31	966.28	333.41	1.08	5.81	1.19	223.00	631.37	
*	56.000	711.19	282.08	1178.88	620.04	1.24	6.19	1.09	98.95	946.87	
*	57.000	708.61	.00	462.00	.00	.00	2.30	.00	2.29	278.00	321.00
*	57.000	709.16	.00	654.00	.00	.00	2.91	.00	2.00	278.00	321.00
*	57.000	709.48	.00	802.00	.00	.00	3.37	.00	1.78	278.00	321.00
*	57.000	710.00	.00	888.33	152.67	.00	3.41	.53	1.86	278.00	567.45
*	57.000	710.42	163.49	878.58	200.93	.54	3.16	.50	2.11	99.03	608.96
*	57.000	710.76	216.51	972.84	275.65	.59	3.32	.55	2.10	96.08	623.55
*	57.000	711.51	366.23	1218.19	496.58	.73	3.74	.67	1.94	89.76	654.83
58.000	708.73	.00	462.00	.00	.00	2.24	.00	1.04	278.00	321.00	
58.000	709.45	.00	654.00	.00	.00	2.76	.00	1.09	278.00	321.00	
58.000	709.94	.00	802.00	.00	.00	3.11	.00	1.14	278.00	321.00	
58.000	710.77	.00	810.32	230.68	.00	2.76	.46	1.34	278.00	623.90	
58.000	711.22	206.16	763.64	273.20	.46	2.44	.42	1.40	92.26	642.45	
58.000	711.48	256.34	861.87	346.78	.52	2.66	.47	1.33	90.02	653.52	
58.000	711.94	392.12	1141.43	547.44	.67	3.32	.62	1.17	86.18	672.53	
*	59.000	708.96	.00	462.00	.00	.00	1.16	.00	1.75	46.05	143.95
*	59.000	709.74	.00	654.00	.00	.00	1.37	.00	1.83	44.42	145.50
*	59.000	710.29	.00	802.00	.00	.00	1.50	.00	1.81	43.26	206.49
59.000	711.07	.00	1041.00	.00	.00	1.61	.00	1.19	41.64	208.08	
59.000	711.43	.00	1243.00	.00	.00	1.75	.00	.98	40.88	208.83	
59.000	711.72	.00	1465.00	.00	.00	1.93	.00	.98	40.28	209.42	
59.000	712.26	.00	2081.00	.00	.00	2.45	.00	.99	39.14	210.54	

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
59.300	708.96	.00	462.00	.00	.00	1.16	.00	1.00	46.05	143.95
59.300	709.74	.00	654.00	.00	.00	1.37	.00	1.00	44.41	145.50
59.300	710.29	.00	802.00	.00	.00	1.50	.00	1.00	43.26	206.50
59.300	711.07	.00	1041.00	.00	.00	1.61	.00	1.00	41.64	208.09
59.300	711.43	.00	1243.00	.00	.00	1.75	.00	1.00	40.88	208.83
59.300	711.72	.00	1465.00	.00	.00	1.93	.00	1.00	40.27	209.43
59.300	712.26	.00	2081.00	.00	.00	2.45	.00	1.00	39.13	210.55
59.600	708.97	.00	462.00	.00	.00	.99	.00	1.23	246.36	351.88
59.600	709.76	.00	654.00	.00	.00	1.19	.00	1.20	243.89	354.02
59.600	710.32	.00	802.00	.00	.00	1.31	.00	1.24	241.11	355.47
* 59.600	711.10	14.92	955.31	70.78	.28	1.36	.22	1.60	148.70	1198.45
* 59.600	711.48	33.30	997.68	212.02	.37	1.34	.32	1.76	140.59	1222.64
* 59.600	711.78	52.11	1050.94	361.95	.43	1.35	.39	1.91	134.20	1241.71
* 59.600	712.37	102.75	1213.38	764.87	.54	1.43	.53	2.25	121.74	1278.87
60.000	708.98	.00	462.00	.00	.00	.99	.00	1.00	246.34	351.90
60.000	709.79	.00	654.00	.00	.00	1.18	.00	1.01	243.79	354.11
60.000	710.36	.00	802.00	.00	.00	1.30	.00	1.02	242.50	355.61
60.000	711.20	18.49	923.46	99.05	.30	1.29	.24	1.06	146.50	1205.01
60.000	711.63	39.30	939.70	264.01	.37	1.23	.33	1.11	137.18	1232.80
60.000	712.01	60.75	966.54	437.71	.41	1.20	.39	1.15	129.33	1256.23
60.000	712.82	120.22	1053.88	906.91	.49	1.17	.48	1.27	110.19	1298.24
* 61.000	708.96	123.41	285.63	52.96	1.11	2.30	1.10	.33	629.00	834.00
* 61.000	709.78	244.66	304.98	104.37	1.19	1.93	1.18	.50	629.00	834.00
* 61.000	710.36	331.79	329.26	140.95	1.23	1.82	1.20	.60	629.00	834.00
* 61.000	711.19	467.65	375.85	197.50	1.28	1.74	1.25	.64	629.00	834.00
* 61.000	711.62	574.17	427.07	241.75	1.38	1.83	1.34	.59	629.00	834.00
* 61.000	711.99	689.62	485.76	289.63	1.51	1.96	1.46	.54	629.00	834.00
* 61.000	712.80	1010.11	648.94	421.95	1.84	2.31	1.78	.45	629.00	834.00
62.000	709.02	170.40	227.47	64.13	.86	1.77	.73	1.35	527.00	874.00
* 62.000	709.83	297.84	219.99	136.18	.84	1.37	.77	1.45	527.00	874.00
* 62.000	710.40	387.52	227.26	187.22	.83	1.24	.77	1.50	527.00	874.00
* 62.000	711.23	526.57	248.72	265.71	.84	1.15	.79	1.55	527.00	874.00
* 62.000	711.66	638.21	278.09	326.70	.90	1.19	.85	1.57	527.00	874.00
* 62.000	712.04	759.87	312.33	392.79	.97	1.26	.92	1.58	527.00	874.00
* 62.000	712.85	1097.02	408.01	575.97	1.16	1.45	1.11	1.62	527.00	874.00
63.000	709.08	34.22	211.30	216.49	.78	1.64	.69	1.13	592.00	1052.00
63.000	709.85	53.59	191.88	408.53	.71	1.21	.67	1.16	592.00	1052.00
63.000	710.42	66.81	191.65	543.54	.68	1.06	.66	1.19	592.00	1052.00
63.000	711.24	87.05	202.96	751.00	.66	.96	.66	1.22	592.00	1052.00
63.000	711.68	103.75	223.96	915.29	.70	.98	.70	1.23	592.00	1052.00
63.000	712.05	121.96	249.13	1093.91	.74	1.03	.76	1.24	592.00	1052.00
63.000	712.87	171.96	320.08	1588.96	.87	1.17	.90	1.26	592.00	1052.00

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
* 64.000	709.14	3.03	301.49	157.48	.24	2.32	.33	.73	392.00	1052.00
* 64.000	709.88	15.00	307.22	331.79	.35	1.97	.37	.63	392.00	1052.00
* 64.000	710.43	25.31	315.61	461.08	.38	1.79	.38	.60	392.00	1052.00
* 64.000	711.25	41.46	339.63	659.91	.41	1.65	.39	.59	392.00	1052.00
* 64.000	711.69	53.25	376.22	813.53	.45	1.70	.42	.59	392.00	1052.00
* 64.000	712.06	65.88	419.37	979.76	.49	1.79	.45	.58	392.00	1052.00
* 64.000	712.89	100.83	540.00	1440.17	.60	2.04	.54	.58	392.00	1052.00
65.000	709.18	9.26	306.66	146.07	.28	2.29	.34	1.06	303.00	1053.00
65.000	709.90	21.31	289.85	342.84	.30	1.82	.38	1.12	303.00	1053.00
65.000	710.45	30.04	285.62	486.33	.30	1.60	.38	1.16	303.00	1053.00
65.000	711.27	43.11	294.58	703.32	.30	1.42	.39	1.19	303.00	1053.00
65.000	711.70	53.05	320.98	868.97	.32	1.45	.41	1.21	303.00	1053.00
65.000	712.08	63.74	353.52	1047.73	.35	1.50	.45	1.22	303.00	1053.00
65.000	712.90	93.14	445.94	1541.92	.41	1.69	.53	1.24	303.00	1053.00
66.000	709.27	6.75	340.34	114.91	.36	2.58	.32	.91	367.79	1129.96
66.000	709.95	18.22	312.95	322.83	.35	2.02	.37	.91	336.43	1254.23
66.000	710.48	30.04	292.73	479.23	.32	1.70	.36	.95	317.67	1314.76
66.000	711.29	51.62	278.80	710.58	.30	1.40	.34	1.02	296.15	1386.01
66.000	711.72	68.35	292.31	882.34	.31	1.37	.36	1.06	287.52	1414.07
66.000	712.10	86.66	312.23	1066.11	.33	1.38	.37	1.09	284.00	1426.00
66.000	712.93	138.21	372.42	1570.37	.38	1.47	.43	1.15	284.00	1426.00
67.000	709.31	1.05	349.20	111.74	.23	2.58	.34	1.02	365.14	975.42
67.000	709.97	4.80	354.66	294.54	.28	2.27	.40	.91	353.30	1111.00
67.000	710.49	9.25	341.67	451.08	.29	1.97	.41	.87	343.84	1111.00
67.000	711.29	21.83	334.95	684.22	.28	1.68	.41	.84	296.06	1111.00
67.000	711.72	33.93	355.11	853.96	.29	1.67	.44	.83	267.58	1111.00
67.000	712.10	49.00	382.38	1033.61	.30	1.70	.47	.82	242.59	1111.00
67.000	712.93	103.91	460.48	1516.62	.36	1.83	.54	.81	224.00	1111.00
67.500	709.47	99.76	362.24	.00	.33	2.85	.00	.85	121.95	819.29
67.500	710.07	303.37	350.13	.50	.42	2.38	.16	.89	21.66	860.16
67.500	710.56	466.08	329.98	5.94	.42	2.01	.19	.92	.00	902.45
67.500	711.33	699.63	313.08	28.28	.41	1.65	.25	.97	.00	950.50
67.500	711.76	867.73	327.30	47.98	.42	1.60	.27	.99	.00	972.76
67.500	712.14	1044.96	349.20	70.84	.44	1.60	.30	1.01	.00	994.52
67.500	712.97	1522.03	415.85	143.13	.51	1.69	.36	1.04	.00	1041.15
* 68.000	709.68	9.40	262.52	190.08	.19	1.97	.39	1.48	203.09	891.23
68.000	710.19	22.92	286.43	344.65	.22	1.90	.44	1.27	161.77	1000.26
68.000	710.64	38.30	286.71	476.98	.22	1.72	.43	1.18	126.11	1094.13
68.000	711.37	72.12	275.46	693.42	.24	1.43	.41	1.16	104.94	1144.64
68.000	711.80	96.56	288.57	857.87	.25	1.39	.42	1.15	92.91	1173.34
68.000	712.17	122.65	308.04	1034.31	.27	1.40	.44	1.15	82.22	1198.84
68.000	713.00	196.23	365.72	1519.05	.30	1.47	.49	1.16	61.23	1243.34

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
68.500	709.79	.47	293.57	167.96	.15	2.43	.45	.76	420.96	1021.89
68.500	710.27	8.26	302.57	343.16	.16	2.19	.48	.82	273.87	1233.24
68.500	710.70	25.23	290.08	486.69	.21	1.90	.47	.86	264.78	1261.30
68.500	711.41	57.91	274.00	709.09	.24	1.54	.44	.88	248.86	1299.11
68.500	711.82	81.55	284.17	877.28	.25	1.48	.45	.89	239.32	1316.51
68.500	712.20	106.81	301.24	1056.95	.27	1.47	.46	.91	229.65	1342.28
68.500	713.02	177.27	354.71	1549.02	.31	1.51	.51	.93	210.35	1388.11
69.000	709.96	.00	236.78	225.22	.00	1.88	.44	1.25	571.92	1168.56
69.000	710.40	.00	272.00	382.00	.00	1.91	.49	1.09	570.61	1285.76
69.000	710.78	2.07	282.01	517.92	.08	1.79	.49	.99	402.32	1349.70
69.000	711.45	26.69	279.98	734.33	.16	1.52	.47	.95	320.39	1388.14
69.000	711.86	51.15	294.00	897.85	.18	1.46	.48	.95	270.55	1411.52
69.000	712.23	79.99	313.81	1071.21	.20	1.45	.49	.95	225.65	1432.58
69.000	713.05	175.69	370.71	1534.60	.24	1.49	.53	.97	139.83	1480.33
69.500	710.08	3.99	303.96	154.05	.27	2.03	.64	.84	534.40	1053.63
69.500	710.50	32.85	331.11	290.04	.42	1.97	.72	.90	468.90	1077.74
69.500	710.86	73.95	331.77	396.28	.47	1.81	.73	.92	384.36	1144.76
69.500	711.50	168.04	302.93	570.04	.47	1.44	.60	.97	311.09	1418.34
69.500	711.90	236.93	297.74	708.33	.47	1.31	.57	1.02	288.83	1465.40
69.500	712.26	307.82	301.11	856.07	.48	1.24	.56	1.07	266.56	1490.85
69.500	713.08	498.99	325.60	1256.41	.52	1.17	.57	1.16	234.69	1529.94
70.000	710.21	81.25	291.93	88.82	.42	1.56	.47	1.36	208.48	821.95
70.000	710.61	151.93	330.45	171.62	.47	1.59	.53	1.28	159.66	983.95
70.000	710.94	224.55	330.21	247.25	.51	1.47	.52	1.27	144.64	1026.00
70.000	711.54	340.77	317.56	382.67	.51	1.24	.49	1.18	117.50	1101.99
70.000	711.93	427.54	324.76	490.70	.52	1.18	.49	1.13	99.97	1151.09
70.000	712.29	518.63	338.61	607.75	.53	1.15	.50	1.09	83.81	1196.32
70.000	713.10	760.72	381.37	938.91	.57	1.14	.53	1.04	60.20	1278.15
70.300	710.25	68.16	260.63	133.21	.41	2.33	.35	.92	281.40	1070.90
70.300	710.65	108.05	315.51	230.44	.47	2.60	.41	.82	277.05	1074.44
70.300	710.97	141.37	342.89	317.74	.49	2.67	.44	.73	274.54	1077.31
* 70.300	711.56	195.81	361.45	483.74	.50	2.54	.45	.64	269.88	1081.03
* 70.300	711.94	239.09	383.45	620.46	.52	2.54	.47	.60	266.85	1082.38
* 70.300	712.30	285.81	410.88	768.31	.55	2.58	.50	.57	264.08	1083.61
* 70.300	713.11	415.02	488.43	1177.55	.62	2.75	.58	.52	253.34	1086.41
70.600	710.33	41.29	129.16	8.55	.12	.81	.08	.97	173.90	1101.74
70.600	710.74	87.59	184.68	26.73	.18	1.05	.13	1.00	155.77	1103.33
70.600	711.06	127.50	212.46	48.04	.20	1.13	.15	1.02	140.21	1104.63
70.600	711.63	186.19	229.20	90.61	.22	1.08	.17	1.03	120.51	1106.89
70.600	712.00	229.85	243.71	125.44	.23	1.08	.18	1.03	106.86	1108.35
70.600	712.36	274.17	257.98	162.85	.23	1.07	.19	1.04	93.76	1109.76
70.600	713.16	381.93	290.36	258.71	.25	1.07	.21	1.06	69.84	1112.94

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
71.000	710.35	85.11	93.29	.60	.16	.84	.11	.91	179.78	633.12
71.000	710.76	160.45	137.11	1.45	.22	1.11	.13	.90	140.37	816.40
71.000	711.08	222.63	161.46	3.91	.26	1.21	.10	.89	125.13	875.14
71.000	711.64	309.80	179.72	16.49	.27	1.20	.11	.87	112.00	979.60
71.000	712.02	373.24	192.98	32.79	.28	1.20	.12	.87	112.00	1049.44
71.000	712.37	434.81	205.61	54.57	.29	1.20	.13	.86	112.00	1114.61
71.000	713.17	564.12	226.77	140.11	.29	1.16	.16	.89	37.49	1281.21
71.500	710.37	64.70	109.64	4.66	.15	.87	.08	.87	255.00	936.53
71.500	710.79	128.88	150.85	19.28	.21	1.06	.13	.96	255.00	1011.00
71.500	711.11	179.30	172.29	36.40	.23	1.11	.16	1.01	255.00	1011.00
71.500	711.67	250.07	187.90	68.04	.24	1.06	.18	1.06	255.00	1011.00
71.500	712.04	303.40	202.18	93.41	.25	1.05	.19	1.07	255.00	1102.45
71.500	712.39	356.37	216.87	121.76	.26	1.05	.20	1.07	255.00	1106.77
71.500	713.19	484.88	250.35	195.77	.27	1.05	.22	1.05	141.14	1116.63
72.000	710.39	57.99	93.96	27.06	.17	1.14	.18	.88	139.00	674.00
72.000	710.82	117.78	128.37	52.85	.24	1.41	.26	.85	139.00	674.00
72.000	711.14	169.59	145.71	72.70	.27	1.49	.29	.83	139.00	674.00
72.000	711.69	247.48	158.01	100.51	.30	1.46	.31	.80	139.00	674.00
72.000	712.06	307.10	169.08	122.83	.31	1.46	.31	.79	139.00	815.86
72.000	712.41	365.28	179.54	150.18	.33	1.46	.30	.78	139.00	929.40
72.000	713.21	495.39	197.75	237.86	.34	1.42	.27	.79	33.10	1036.90
73.000	710.43	6.10	168.73	4.17	.11	.98	.18	.96	368.00	560.00
73.000	710.87	21.51	268.64	8.86	.21	1.35	.28	.88	368.00	560.00
73.000	711.19	37.69	337.48	12.83	.27	1.55	.34	.83	368.00	560.00
73.000	711.73	67.62	419.67	18.91	.34	1.67	.39	.76	368.00	560.00
73.000	712.10	91.30	480.51	27.19	.38	1.76	.27	.73	368.00	782.68
73.000	712.44	114.67	533.79	46.54	.41	1.82	.25	.72	368.00	787.24
73.000	713.23	185.43	632.17	113.40	.36	1.85	.29	.70	97.61	797.61
74.000	710.44	.00	179.00	.00	.00	1.01	.00	1.21	543.00	586.00
74.000	710.89	.00	299.00	.00	.00	1.52	.00	1.08	543.00	586.00
74.000	711.21	.00	388.00	.00	.00	1.84	.00	1.00	543.00	586.00
74.000	711.75	.00	506.00	.00	.00	2.16	.00	.90	543.00	586.00
74.000	712.13	111.58	455.65	31.77	.25	1.82	.21	1.11	191.43	784.96
74.000	712.48	158.19	485.23	51.58	.28	1.83	.23	1.13	180.68	803.14
74.000	713.26	279.26	539.93	111.81	.32	1.81	.28	1.15	136.47	830.36
*	75.000	710.42	.00	179.00	.00	2.07	.00	.54	556.50	575.50
*	75.000	710.83	.00	299.00	.00	3.17	.00	.52	556.50	575.50
*	75.000	711.12	.00	388.00	.00	3.89	.00	.51	556.50	575.50
*	75.000	711.62	.00	506.00	.00	4.63	.00	.50	556.50	575.50
*	75.000	711.94	.03	598.97	.00	5.19	.00	.37	171.23	575.50
*	75.000	712.24	2.72	692.17	.11	5.72	.10	.34	162.72	849.85
*	75.000	713.04	119.77	789.46	21.77	6.08	.64	.19	138.87	860.05

	SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
*	76.000	710.51	2.03	176.13	.84	.07	.66	.07	2.50	420.00	585.00
*	76.000	711.04	8.48	287.04	3.48	.14	.93	.13	2.83	420.00	585.00
*	76.000	711.43	15.67	365.94	6.39	.18	1.07	.18	3.08	420.00	585.00
*	76.000	712.05	28.76	464.29	12.95	.23	1.19	.16	3.42	420.00	785.69
*	76.000	712.48	39.10	531.89	28.01	.26	1.25	.15	3.71	420.00	800.50
*	76.000	712.90	52.55	592.35	50.09	.22	1.29	.18	4.03	102.05	805.38
*	76.000	713.67	114.36	710.17	106.47	.21	1.36	.22	6.69	74.92	814.47
	76.500	710.52	.00	176.09	2.91	.00	.61	.05	1.15	260.39	536.18
	76.500	711.06	.09	278.76	20.15	.04	.84	.10	1.16	248.35	682.24
	76.500	711.46	.85	342.08	45.06	.07	.94	.13	1.20	216.86	695.54
	76.500	712.08	5.63	405.80	94.56	.10	.98	.16	1.27	136.38	715.66
	76.500	712.51	13.38	449.70	135.91	.11	1.00	.18	1.30	100.53	730.88
	76.500	712.93	24.68	490.32	180.00	.13	1.02	.20	1.32	73.86	743.97
	76.500	713.70	57.09	590.20	283.71	.16	1.08	.23	1.30	46.66	762.77
	77.000	710.53	.00	170.01	8.99	.00	.57	.09	1.04	475.71	671.02
	77.000	711.07	7.98	267.14	23.88	.07	.77	.13	1.06	211.96	734.51
	77.000	711.47	23.30	325.49	39.20	.10	.85	.15	1.08	200.92	784.87
	77.000	712.10	55.09	383.57	67.34	.14	.88	.16	1.10	183.69	863.53
	77.000	712.53	81.93	424.68	92.40	.15	.89	.16	1.11	171.87	917.46
	77.000	712.94	110.82	461.09	123.09	.17	.90	.17	1.11	161.34	938.82
	77.000	713.71	178.85	553.09	199.06	.20	.95	.20	1.13	142.09	967.31
	77.500	710.54	1.75	176.72	5.53	.10	.72	.05	.81	296.48	452.27
	77.500	711.09	7.19	285.40	6.41	.12	1.01	.09	.78	157.16	663.65
	77.500	711.49	18.60	347.49	21.91	.14	1.13	.12	.78	128.99	689.00
	77.500	712.11	45.73	401.32	58.96	.17	1.14	.16	.79	98.04	689.00
	77.500	712.54	70.24	438.14	90.62	.19	1.15	.19	.79	79.53	689.00
	77.500	712.96	97.65	472.99	124.36	.20	1.16	.20	.79	65.02	689.00
	77.500	713.73	164.57	563.67	202.76	.24	1.22	.24	.79	57.00	689.00
	78.000	710.55	.00	179.00	.00	.00	.73	.00	.83	240.63	329.75
	78.000	711.11	.52	288.93	9.55	.06	.98	.10	.89	206.91	521.00
	78.000	711.52	2.56	359.44	26.00	.09	1.08	.15	.90	180.50	521.00
	78.000	712.14	9.67	438.16	58.17	.13	1.13	.20	.90	139.78	521.00
	78.000	712.56	18.03	496.26	84.71	.14	1.16	.23	.89	111.80	521.00
	78.000	712.97	31.27	551.30	112.43	.17	1.19	.25	.88	98.11	521.00
	78.000	713.74	66.72	687.20	177.08	.22	1.29	.30	.87	87.00	521.00
	79.000	710.58	.00	179.00	.00	.00	.82	.00	1.00	184.07	249.95
	79.000	711.15	.06	294.07	4.87	.07	1.15	.11	.95	180.99	331.00
	79.000	711.55	.27	374.52	13.21	.11	1.32	.17	.90	178.76	331.00
	79.000	712.17	1.03	474.41	30.56	.15	1.47	.24	.83	175.38	331.00
	79.000	712.59	1.97	551.11	45.92	.18	1.57	.28	.80	173.05	331.00
	79.000	713.00	3.65	628.36	62.99	.21	1.66	.32	.76	162.40	331.00
	79.000	713.77	10.28	815.99	104.72	.26	1.90	.41	.72	152.00	331.00

	SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
*	79.300	710.57	.00	179.00	.00	.00	1.53	.00	.36	266.16	331.32
*	79.300	711.14	.00	299.00	.00	.00	1.94	.00	.43	266.00	332.00
*	79.300	711.55	.00	388.00	.00	.00	2.14	.00	.46	266.00	332.00
*	79.300	712.16	.00	506.00	.00	.00	2.28	.00	.50	266.00	332.00
*	79.300	712.58	.00	599.00	1.00	.00	2.41	.00	.52	266.00	332.00
*	79.300	712.98	.00	695.00	.00	.00	2.52	.00	.54	266.00	332.00
*	79.300	713.74	.00	931.00	.00	.00	2.86	.00	.56	266.00	332.00
*	79.600	710.64	.00	179.00	.00	.00	1.08	.00	1.62	240.21	314.85
*	79.600	711.23	.00	299.00	.00	.00	1.40	.00	1.44	235.03	320.04
*	79.600	711.65	.00	388.00	.00	.00	1.55	.00	1.36	231.42	323.66
*	79.600	712.26	.00	506.00	.00	.00	1.63	.00	1.29	226.05	329.04
*	79.600	712.69	.00	599.00	.00	.00	1.69	.00	1.29	223.10	332.00
*	79.600	713.10	.00	695.00	.00	.00	1.74	.00	1.33	223.10	332.00
*	79.600	713.88	.00	931.00	.00	.00	1.92	.00	1.39	223.10	332.00
*	80.000	710.69	.00	178.59	.41	.00	1.99	.08	.56	196.82	287.00
*	80.000	711.30	.68	285.66	12.66	.22	2.55	.35	.61	189.22	287.00
*	80.000	711.72	2.37	357.97	27.66	.30	2.81	.48	.63	184.01	287.00
*	80.000	712.33	7.14	445.24	53.62	.38	2.97	.60	.65	176.44	287.00
*	80.000	712.74	12.95	511.32	74.74	.45	3.09	.67	.65	171.41	287.00
*	80.000	713.15	21.15	577.05	96.80	.53	3.20	.73	.64	166.99	287.00
*	80.000	713.92	44.12	737.72	149.16	.66	3.53	.86	.62	162.00	287.00
*	81.000	710.75	.00	179.00	.00	.00	2.01	.00	.97	420.85	459.15
*	81.000	711.38	.00	290.50	8.50	.00	2.53	.25	.91	415.73	550.00
*	81.000	711.81	.00	357.36	30.64	.00	2.64	.42	.92	410.85	550.00
*	81.000	712.43	.00	433.48	72.52	.00	2.58	.56	.95	403.88	550.00
*	81.000	712.86	.00	493.40	105.60	.00	2.56	.63	.98	400.00	550.00
*	81.000	713.27	.00	558.52	136.48	.00	2.57	.67	1.03	400.00	550.00
*	81.000	714.05	.00	721.33	209.67	.00	2.73	.76	1.10	400.00	550.00
*	82.000	710.87	.03	178.15	.82	.08	1.48	.10	1.36	296.34	391.00
*	82.000	711.54	.83	288.44	9.73	.19	1.85	.29	1.50	289.73	391.00
*	82.000	711.96	2.31	366.55	19.14	.25	2.06	.38	1.48	285.46	391.00
*	82.000	712.55	5.95	465.41	34.64	.31	2.22	.47	1.42	279.43	391.00
*	82.000	712.96	10.67	541.23	47.10	.36	2.33	.52	1.35	268.54	391.00
*	82.000	713.35	16.96	618.01	60.02	.40	2.45	.57	1.27	257.69	391.00
*	82.000	714.13	37.90	788.05	105.06	.46	2.69	.39	1.20	246.00	1002.54
*	82.300	710.91	.00	179.00	.00	.00	.83	.00	2.16	365.00	439.00
*	82.300	711.59	.00	299.00	.00	.00	1.12	.00	1.94	365.00	439.00
*	82.300	712.02	.00	388.00	.00	.00	1.29	.00	1.83	365.00	439.00
*	82.300	712.61	.00	506.00	.00	.00	1.47	.00	1.70	365.00	439.00
*	82.300	713.02	.00	599.00	.00	.00	1.60	.00	1.63	365.00	439.00
*	82.300	713.41	.00	695.00	.00	.00	1.73	.00	1.58	365.00	439.00
*	82.300	714.25	.00	443.27	487.73	.00	.95	.23	3.11	365.00	1146.15

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
82.600	710.91	.00	179.00	.00	.00	.82	.00	1.01	365.00	439.00
82.600	711.59	.00	299.00	.00	.00	1.12	.00	1.00	365.00	439.00
82.600	712.02	.00	388.00	.00	.00	1.29	.00	1.00	365.00	439.00
82.600	712.61	.00	506.00	.00	.00	1.47	.00	1.00	365.00	439.00
82.600	713.02	.00	599.00	.00	.00	1.60	.00	1.00	365.00	439.00
82.600	713.43	.00	695.00	.00	.00	1.72	.00	1.01	365.00	439.00
82.600	714.35	.00	437.65	493.35	.00	.93	.22	1.04	365.00	1154.33
*	83.000	710.89	.30	178.45	.24	1.88	.16	.44	105.74	145.24
*	83.000	711.55	2.08	295.07	1.85	2.57	.34	.44	79.65	148.41
*	83.000	711.98	6.66	377.32	4.02	2.96	.45	.44	76.24	150.15
*	83.000	712.55	19.42	478.26	8.32	3.30	.57	.44	71.58	151.00
*	83.000	712.96	32.41	554.42	12.17	3.53	.65	.45	68.32	151.00
*	83.000	713.36	48.38	630.16	16.46	3.73	.72	.46	65.07	151.00
*	83.000	714.24	95.31	807.85	27.83	4.13	.80	.22	61.00	231.65
84.000	710.92	.94	178.06	.00	.26	1.83	.00	.92	286.04	331.34
84.000	711.62	6.45	292.55	.00	.51	2.35	.00	.94	276.54	336.94
84.000	712.06	14.86	373.12	.02	.64	2.59	.08	.96	267.22	343.47
84.000	712.66	31.26	473.01	1.73	.77	2.77	.33	1.03	266.00	353.60
84.000	713.08	45.55	548.11	5.34	.87	2.89	.43	1.08	266.00	360.62
84.000	713.50	61.07	621.72	12.21	.94	2.98	.55	1.11	266.00	366.99
84.000	714.41	99.16	791.99	39.85	1.09	3.17	.62	1.19	266.00	464.83
85.000	710.98	1.01	175.13	2.86	.24	1.87	.24	1.08	464.83	537.64
85.000	711.70	7.50	272.91	18.59	.44	2.37	.41	1.17	448.72	567.50
85.000	712.16	17.84	330.13	40.03	.47	2.56	.52	1.22	406.00	581.68
85.000	712.77	44.81	380.60	80.60	.55	2.58	.64	1.26	406.00	588.27
85.000	713.20	69.03	416.13	113.83	.62	2.60	.70	1.29	406.00	591.00
85.000	713.63	95.55	450.03	149.42	.68	2.60	.75	1.31	406.00	591.00
85.000	714.55	161.61	530.97	238.42	.79	2.65	.82	1.35	406.00	640.00
86.000	711.03	.64	176.70	1.66	.23	1.89	.23	.98	542.25	600.00
86.000	711.76	5.47	278.05	15.48	.44	2.42	.43	.98	529.97	642.98
86.000	712.22	12.38	336.68	38.94	.52	2.61	.50	.98	521.04	804.05
86.000	712.82	27.66	387.70	90.65	.57	2.63	.57	.98	493.66	804.05
86.000	713.25	44.48	416.36	138.16	.57	2.60	.61	1.00	462.28	804.05
86.000	713.68	67.90	436.72	190.39	.55	2.53	.64	1.03	437.18	804.05
86.000	714.61	136.09	473.05	321.86	.58	2.36	.65	1.12	409.08	804.05
87.000	711.14	.00	178.92	.08	.00	1.95	.22	.90	303.84	338.24
87.000	711.90	.00	298.18	.82	.00	2.53	.44	.84	300.01	339.76
87.000	712.35	3.12	382.43	2.46	.30	2.83	.42	.83	264.58	354.85
87.000	712.93	19.58	474.88	11.54	.50	3.03	.49	.79	238.62	379.85
87.000	713.33	40.15	534.16	24.69	.61	3.11	.59	.76	228.76	386.07
87.000	713.74	66.29	586.83	41.88	.69	3.15	.67	.74	218.25	392.11
*	87.000	714.64	147.17	690.01	93.82	.80	3.14	.78	193.73	413.65

	SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
*	88.000	711.21	.00	179.00	.00	.00	2.33	.00	.65	215.42	254.69
	88.000	711.99	.00	299.00	.00	.00	2.65	.00	.73	206.68	258.27
	88.000	712.46	.00	388.00	.00	.00	2.80	.00	.74	201.57	260.36
	88.000	713.05	1.40	466.12	38.48	.26	2.67	.39	.86	175.58	509.89
	88.000	713.47	6.78	488.49	103.73	.33	2.44	.48	1.00	152.79	561.11
	88.000	713.88	16.06	500.63	178.31	.36	2.23	.51	1.13	130.41	611.41
*	88.000	714.77	49.96	519.87	361.17	.39	1.86	.51	1.40	83.30	712.26
	88.300	711.45	.00	179.00	.00	.00	2.65	.00	.95	362.72	394.45
	88.300	712.25	.00	291.45	7.55	.00	3.06	.32	.96	360.22	521.16
	88.300	712.71	.24	340.30	47.47	.26	3.02	.55	1.06	355.38	655.15
	88.300	713.24	1.93	371.77	132.30	.39	2.78	.62	1.07	349.13	667.31
	88.300	713.60	4.10	389.25	205.64	.43	2.63	.66	1.01	344.88	673.29
	88.300	713.97	7.20	400.92	286.89	.44	2.45	.67	.97	340.38	749.18
	88.300	714.82	18.96	424.99	487.06	.51	2.16	.66	.90	328.99	781.12
	88.600	711.73	.00	179.00	.00	.00	2.63	.00	1.02	328.20	359.20
	88.600	712.54	.00	270.91	28.09	.00	2.85	.49	1.12	325.11	483.96
	88.600	712.96	.00	311.95	76.05	.00	2.83	.65	1.10	323.47	508.09
	88.600	713.41	.00	359.68	146.32	.00	2.83	.78	.98	321.76	530.37
	88.600	713.74	.00	393.16	205.84	.00	2.82	.84	.90	320.56	545.93
	88.600	714.08	.12	423.21	271.66	.12	2.77	.87	.85	309.48	610.68
	88.600	714.88	11.21	473.22	446.58	.34	2.56	.83	.81	248.47	660.22
	89.000	711.99	.00	179.00	.00	.00	2.55	.00	1.06	310.01	340.00
	89.000	712.77	.50	247.59	50.91	.35	2.66	.50	1.16	306.23	522.69
	89.000	713.15	1.37	279.69	106.94	.42	2.67	.60	1.15	304.35	550.13
	89.000	713.58	2.98	313.54	189.48	.48	2.66	.69	1.17	302.20	580.88
	89.000	713.89	4.51	337.30	257.19	.52	2.66	.73	1.17	300.72	601.01
	89.000	714.21	6.85	356.38	331.77	.51	2.62	.76	1.17	280.80	623.17
	89.000	714.97	27.99	386.87	516.14	.40	2.43	.77	1.13	198.78	677.38
	89.500	712.33	5.61	173.39	.00	.35	2.08	.01	1.16	228.87	382.82
	89.500	713.02	57.63	221.72	19.65	.60	2.00	.44	1.27	191.69	546.09
	89.500	713.37	98.06	236.34	53.60	.66	1.89	.48	1.34	179.66	592.05
*	89.500	713.76	147.55	249.20	109.25	.70	1.78	.54	1.43	174.91	636.86
*	89.500	714.05	184.05	256.75	158.20	.71	1.69	.56	1.51	171.37	655.00
*	89.500	714.35	220.32	263.35	211.33	.71	1.61	.58	1.56	167.75	655.00
*	89.500	715.07	307.05	280.71	343.24	.70	1.46	.61	1.61	165.00	655.00
*	90.000	712.55	11.62	117.42	49.96	.27	1.63	.63	1.46	144.24	411.78
*	90.000	713.17	70.73	134.03	94.24	.45	1.50	.63	1.45	108.02	475.80
	90.000	713.48	113.42	147.47	127.11	.52	1.50	.63	1.35	96.37	510.11
	90.000	713.85	170.08	162.89	173.03	.57	1.50	.63	1.25	82.82	550.03
	90.000	714.12	214.82	172.09	212.09	.60	1.48	.63	1.20	77.00	571.00
	90.000	714.41	260.19	178.92	255.89	.62	1.44	.63	1.16	77.00	571.00
	90.000	715.11	370.22	194.67	366.10	.64	1.35	.64	1.11	77.00	571.00

	SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
*	91.000	712.70	.00	179.00	.00	.00	2.69	.00	.55	487.81	518.04
*	91.000	713.26	13.57	273.79	11.64	.49	3.25	.48	.40	360.62	651.09
*	91.000	713.56	52.63	291.11	44.25	.71	3.08	.69	.43	321.21	664.50
*	91.000	713.92	113.16	297.53	95.32	.80	2.80	.81	.48	275.90	678.89
*	91.000	714.19	165.18	297.47	136.34	.82	2.59	.84	.51	244.69	694.41
*	91.000	714.47	221.75	294.48	178.77	.82	2.38	.84	.54	224.00	712.68
*	91.000	715.15	359.51	288.65	282.84	.80	1.97	.81	.62	224.00	724.00
*	92.000	713.05	11.42	165.75	1.84	.43	1.80	.30	1.56	401.00	525.00
*	92.000	713.65	46.17	239.08	13.74	.75	2.06	.65	1.74	401.00	525.00
*	92.000	713.89	70.33	295.29	22.39	.93	2.35	.82	1.41	401.00	525.00
*	92.000	714.17	104.75	366.23	35.02	1.13	2.67	1.02	1.10	401.00	525.00
*	92.000	714.40	134.54	418.25	46.21	1.27	2.86	1.16	.94	401.00	525.00
*	92.000	714.63	166.89	469.60	58.51	1.39	3.01	1.27	.81	401.00	525.00
*	92.000	715.24	251.93	587.86	91.20	1.62	3.27	1.49	.61	401.00	525.00
*	92.300	713.09	.00	179.00	.00	.00	1.24	.00	1.97	479.70	520.30
*	92.300	713.67	.00	299.00	.00	.00	1.79	.00	1.49	479.70	520.30
*	92.300	713.91	.00	388.00	.00	.00	2.19	.00	1.36	479.70	520.30
*	92.300	714.18	.00	506.00	.00	.00	2.69	.00	1.25	479.70	520.30
*	92.300	714.41	.00	599.00	.00	.00	3.04	.00	1.17	479.70	520.30
*	92.300	714.63	.00	695.00	.00	.00	3.36	.00	1.10	479.70	520.30
*	92.300	715.21	.00	931.00	.00	.00	4.05	.00	.96	479.70	520.30
*	92.600	713.09	.00	179.00	.00	.00	1.24	.00	1.00	479.70	520.30
*	92.600	713.68	.00	299.00	.00	.00	1.78	.00	1.00	479.70	520.30
*	92.600	713.92	.00	388.00	.00	.00	2.19	.00	1.00	479.70	520.30
*	92.600	714.21	.00	506.00	.00	.00	2.67	.00	1.01	479.70	520.30
*	92.600	714.44	.00	599.00	.00	.00	3.02	.00	1.01	479.70	520.30
*	92.600	714.67	.00	695.00	.00	.00	3.34	.00	1.01	479.70	520.30
*	92.600	715.26	.00	931.00	.00	.00	4.01	.00	1.01	479.70	520.30
*	93.000	713.09	4.18	174.70	.12	.21	1.68	.32	.57	451.00	535.50
*	93.000	713.68	16.99	280.93	1.08	.39	2.17	.60	.66	451.00	537.27
*	93.000	713.93	26.62	359.31	2.07	.50	2.57	.77	.69	451.00	538.00
*	93.000	714.22	40.89	461.22	3.89	.63	3.03	.98	.73	451.00	538.87
*	93.000	714.45	53.57	539.59	5.84	.72	3.33	1.13	.75	451.00	539.56
*	93.000	714.69	67.57	618.87	8.56	.81	3.59	1.30	.78	451.00	541.00
*	93.000	715.32	105.94	805.89	19.17	.97	4.04	1.74	.86	451.00	541.00
*	94.000	713.11	.92	178.06	.01	.08	1.85	.13	.89	359.58	522.08
*	94.000	713.71	29.24	267.40	2.36	.29	2.23	.48	.96	320.00	533.97
*	94.000	713.97	55.73	326.28	5.99	.39	2.49	.64	1.02	320.00	539.43
*	94.000	714.30	95.81	395.32	14.87	.49	2.75	.87	1.10	320.00	547.49
*	94.000	714.56	131.56	442.33	25.11	.55	2.87	1.00	1.16	320.00	554.18
*	94.000	714.83	170.29	486.07	38.65	.60	2.94	1.09	1.23	320.00	560.00
*	94.000	715.52	270.16	576.55	84.28	.69	2.99	1.34	1.37	320.00	560.00

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST	
95.000	713.14	1.66	177.32	.02	.09	1.82	.15	1.03	270.62	482.23	
95.000	713.75	37.74	259.15	2.11	.28	2.14	.48	1.06	213.46	491.97	
95.000	714.03	71.94	310.95	5.12	.36	2.35	.61	1.08	185.00	496.46	
95.000	714.36	125.15	368.92	11.93	.44	2.53	.71	1.10	185.00	523.78	
95.000	714.63	171.47	404.34	23.20	.48	2.58	.77	1.12	185.00	535.97	
95.000	714.91	221.11	433.67	40.22	.52	2.58	.85	1.16	185.00	540.00	
95.000	715.60	343.42	494.05	93.53	.57	2.53	1.06	1.20	185.00	540.00	
96.000	713.21	3.45	175.55	.00	.11	1.58	.01	1.11	302.57	549.74	
96.000	713.83	44.19	254.28	.53	.26	1.80	.43	1.16	242.03	552.01	
96.000	714.11	80.02	306.78	1.20	.32	1.98	.54	1.16	207.04	553.04	
96.000	714.44	136.53	367.00	2.47	.38	2.14	.65	1.16	137.11	554.28	
96.000	714.71	188.68	406.53	3.79	.41	2.20	.71	1.15	91.80	555.24	
96.000	714.98	248.51	441.06	5.43	.43	2.23	.76	1.14	57.28	556.23	
96.000	715.65	413.01	507.37	10.62	.46	2.19	.81	1.13	19.84	583.56	
97.000	713.34	.17	175.79	3.04	.05	1.42	.34	1.09	192.30	690.89	
97.000	713.95	19.17	258.30	21.53	.20	1.63	.65	1.05	136.21	707.52	
97.000	714.24	48.76	302.88	36.37	.21	1.72	.76	1.10	114.79	714.36	
97.000	714.58	103.13	346.04	56.83	.26	1.76	.84	1.17	107.70	723.72	
97.000	714.84	151.75	372.81	74.44	.29	1.76	.87	1.21	102.31	733.30	
97.000	715.10	204.16	397.12	93.72	.31	1.74	.89	1.23	97.18	745.28	
97.000	715.75	338.53	441.84	150.64	.34	1.66	.85	1.28	84.62	790.69	
*	98.000	713.47	.00	170.88	8.12	.00	2.29	.62	.69	737.70	795.51
*	98.000	714.08	.00	259.92	39.08	.00	2.81	1.01	.61	734.62	817.38
*	98.000	714.37	.00	319.64	68.36	.00	3.15	1.24	.56	733.17	827.67
*	98.000	714.70	8.06	382.85	115.09	.12	3.41	1.48	.51	12.38	840.03
*	98.000	714.95	62.43	388.97	147.60	.25	3.22	1.50	.54	10.73	850.65
*	98.000	715.20	135.91	383.44	175.64	.31	2.97	1.45	.58	9.10	861.18
*	98.000	715.82	330.89	361.78	238.34	.37	2.42	1.26	.67	5.02	887.55
98.300	713.64	.00	179.00	.00	.00	2.70	.00	.90	800.13	819.87	
98.300	714.30	23.20	252.88	22.93	.22	3.18	.59	.97	148.26	945.58	
98.300	714.65	85.27	237.54	65.19	.27	2.75	.78	1.29	110.91	951.94	
*	98.300	715.00	170.44	224.71	110.85	.31	2.41	.85	1.60	79.03	958.28
*	98.300	715.19	230.26	226.63	142.11	.33	2.33	.90	1.53	73.78	963.00
*	98.300	715.39	292.59	227.96	174.45	.35	2.25	.94	1.44	68.52	968.71
98.300	715.93	451.69	222.89	256.42	.36	1.99	.95	1.28	58.61	982.19	
98.600	713.92	.00	179.00	.00	.00	2.08	.00	1.24	842.40	873.48	
98.600	714.61	28.25	266.20	4.56	.25	2.46	.61	1.23	200.61	892.05	
98.600	714.85	64.68	313.66	9.66	.32	2.69	.77	.96	176.61	896.95	
98.600	715.14	132.97	354.08	18.96	.36	2.80	.90	.81	154.96	911.95	
98.600	715.33	193.50	377.84	27.66	.39	2.85	.95	.78	146.82	922.14	
98.600	715.51	261.31	395.37	38.31	.42	2.85	.99	.75	138.75	926.68	
98.600	716.01	449.09	410.58	71.33	.45	2.63	1.04	.73	117.84	939.25	

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
99.000	714.09	.00	179.00	.00	.00	2.09	.00	.92	831.29	866.68
99.000	714.80	19.04	279.85	.11	.15	2.49	.24	.92	186.71	873.82
99.000	715.05	74.43	312.56	1.01	.26	2.56	.40	.99	169.47	880.08
99.000	715.34	161.85	340.56	3.60	.33	2.55	.53	1.04	149.78	887.23
99.000	715.52	228.36	364.40	6.24	.38	2.59	.60	1.04	137.88	891.55
99.000	715.69	299.21	386.15	9.64	.41	2.62	.66	1.03	126.34	895.73
99.000	716.14	488.11	420.99	21.90	.46	2.55	.75	.98	95.90	906.78
99.500	714.31	.11	178.89	.00	.12	1.79	.00	1.04	773.86	830.54
99.500	715.04	3.82	295.18	.00	.13	2.13	.00	1.08	194.12	835.31
99.500	715.27	33.46	354.54	.00	.20	2.34	.00	1.00	168.25	836.83
99.500	715.54	100.54	405.46	.00	.29	2.42	.00	.95	146.20	838.64
99.500	715.71	157.27	441.73	.00	.35	2.49	.00	.93	135.77	839.76
99.500	715.88	218.38	476.57	.05	.39	2.55	.17	.92	128.44	844.69
99.500	716.29	386.71	542.00	2.29	.47	2.56	.42	.90	112.83	860.67
100.000	714.50	.00	179.00	.00	.00	2.01	.00	1.04	751.19	784.71
100.000	715.24	53.19	245.61	.20	.25	2.16	.40	1.15	342.32	786.59
100.000	715.49	102.06	285.41	.53	.32	2.32	.52	1.19	299.02	787.26
100.000	715.76	169.57	335.34	1.09	.39	2.54	.64	1.12	256.99	787.91
100.000	715.93	225.27	372.12	1.61	.43	2.71	.73	1.08	229.76	788.33
100.000	716.09	285.38	407.39	2.23	.47	2.85	.80	1.04	204.28	788.73
100.000	716.49	450.81	476.01	4.18	.55	3.05	.94	.96	153.00	789.70
100.500	714.67	.00	179.00	.00	.00	1.61	.00	1.08	603.03	657.48
100.500	715.37	5.23	269.17	24.59	.14	1.76	.43	1.06	431.62	826.43
100.500	715.63	18.82	308.11	61.07	.19	1.82	.59	1.12	296.97	845.20
100.500	715.91	45.04	348.74	112.22	.23	1.88	.72	1.20	222.06	860.46
100.500	716.09	69.05	377.32	152.63	.26	1.93	.80	1.26	172.84	862.35
100.500	716.26	96.59	403.64	194.77	.29	1.96	.86	1.31	158.37	864.15
100.500	716.65	173.11	457.24	300.66	.34	1.99	.98	1.40	133.93	868.36
101.000	714.78	.23	170.78	7.99	.07	1.78	.26	1.10	472.44	769.30
101.000	715.48	11.33	185.08	102.59	.14	1.54	.50	1.37	332.40	881.55
101.000	715.74	21.86	202.19	163.95	.17	1.57	.56	1.37	280.49	923.16
101.000	716.01	37.38	224.50	244.12	.19	1.63	.63	1.34	228.99	964.43
101.000	716.18	50.99	239.60	308.40	.20	1.67	.67	1.33	193.64	992.76
101.000	716.35	66.15	253.18	375.67	.22	1.69	.70	1.32	159.98	1019.75
101.000	716.74	110.96	274.66	545.38	.25	1.69	.75	1.33	118.00	1062.57
102.000	714.85	.08	178.75	.17	.07	2.05	.19	.91	468.75	516.65
102.000	715.51	22.95	223.15	52.90	.21	2.12	.55	.75	225.46	683.00
102.000	715.77	46.79	242.79	98.42	.26	2.16	.70	.74	181.55	683.00
102.000	716.04	81.09	267.26	157.65	.31	2.24	.84	.74	178.00	683.00
102.000	716.22	108.97	286.10	203.92	.34	2.30	.93	.74	178.00	683.00
102.000	716.39	138.65	304.24	252.10	.38	2.36	1.01	.73	178.00	683.00
* 102.000	716.77	214.77	343.72	372.51	.45	2.47	1.18	.69	178.00	683.00

	SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
*	103.000	714.92	.73	177.04	1.23	.27	2.71	.68	.67	393.26	431.02
*	103.000	715.56	15.12	252.95	30.94	.34	3.16	.92	.60	259.00	542.00
*	103.000	715.82	34.82	293.66	59.51	.43	3.41	1.17	.57	259.00	542.00
*	103.000	716.08	65.19	339.25	101.56	.54	3.68	1.42	.55	259.00	542.00
*	103.000	716.26	90.40	371.67	136.94	.62	3.86	1.59	.54	259.00	542.00
*	103.000	716.42	117.30	401.58	176.12	.69	4.01	1.73	.53	259.00	542.00
*	103.000	716.80	185.56	462.82	282.62	.83	4.25	1.96	.53	259.00	542.00
*	104.000	715.07	1.43	173.07	4.50	.10	1.42	.28	2.13	259.66	419.00
*	104.000	715.72	13.89	252.31	32.80	.24	1.68	.64	2.09	259.00	419.00
*	104.000	715.98	23.17	311.49	53.34	.32	1.94	.82	1.96	259.00	419.00
*	104.000	716.24	36.31	387.51	82.18	.40	2.26	1.04	1.81	259.00	419.00
*	104.000	716.41	47.21	445.81	105.97	.47	2.49	1.20	1.72	259.00	419.00
*	104.000	716.57	58.95	504.57	131.48	.53	2.72	1.35	1.64	259.00	419.00
*	104.000	716.92	89.62	643.61	197.78	.67	3.21	1.70	1.46	259.00	419.00
	104.300	715.09	.00	158.00	.00	.00	1.07	.00	1.40	379.70	420.30
	104.300	715.74	.00	257.00	.00	.00	1.48	.00	1.14	379.70	420.30
	104.300	715.99	.00	329.00	.00	.00	1.79	.00	1.06	379.70	420.30
	104.300	716.26	.00	426.00	.00	.00	2.19	.00	1.00	379.70	420.30
	104.300	716.43	.00	502.00	.00	.00	2.49	.00	.96	379.70	420.30
	104.300	716.59	.00	581.00	.00	.00	2.79	.00	.93	379.70	420.30
	104.300	716.93	.00	772.00	.00	.00	3.47	.00	.86	379.70	420.30
	104.600	715.10	.00	158.00	.00	.00	1.07	.00	.89	379.70	420.30
	104.600	715.75	.00	257.00	.00	.00	1.48	.00	.87	379.70	420.30
	104.600	716.01	.00	329.00	.00	.00	1.79	.00	.87	379.70	420.30
	104.600	716.27	.00	426.00	.00	.00	2.19	.00	.86	379.70	420.30
	104.600	716.45	.00	502.00	.00	.00	2.48	.00	.86	379.70	420.30
	104.600	716.61	.00	581.00	.00	.00	2.78	.00	.86	379.70	420.30
	104.600	716.97	.00	772.00	.00	.00	3.46	.00	.86	379.70	420.30
	105.000	715.10	.00	158.00	.00	.00	1.21	.00	.82	253.25	300.00
	105.000	715.76	.00	257.00	.00	.00	1.59	.00	.89	252.26	300.00
	105.000	716.02	.00	329.00	.00	.00	1.89	.00	.91	251.87	300.00
	105.000	716.29	.00	426.00	.00	.00	2.27	.00	.94	251.46	300.00
	105.000	716.47	.00	502.00	.00	.00	2.56	.00	.95	251.19	300.00
	105.000	716.64	.00	581.00	.00	.00	2.84	.00	.97	251.00	300.00
	105.000	717.01	.00	772.00	.00	.00	3.47	.00	1.01	251.00	300.00
	106.000	715.17	.00	158.00	.00	.00	1.27	.00	1.04	275.00	314.23
	106.000	715.85	.00	257.00	.00	.00	1.69	.00	.99	275.00	316.96
	106.000	716.13	.00	329.00	.00	.00	2.00	.00	.98	275.00	318.10
	106.000	716.45	.00	426.00	.00	.00	2.39	.00	.98	275.00	319.35
	106.000	716.66	.00	502.00	.00	.00	2.68	.00	.99	275.00	320.00
	106.000	716.86	.00	581.00	.00	.00	2.95	.00	1.00	275.00	320.00
	106.000	717.29	.00	772.00	.00	.00	3.56	.00	1.02	275.00	320.00

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
106.300	715.17	.00	158.00	.00	.00	1.47	.00	.74	278.36	322.73
106.300	715.86	.00	257.00	.00	.00	1.83	.00	.79	276.54	327.00
106.300	716.15	.00	329.00	.00	.00	2.12	.00	.83	275.78	327.00
106.300	716.47	.00	426.00	.00	.00	2.49	.00	.86	274.94	327.00
106.300	716.68	.00	502.00	.00	.00	2.75	.00	.88	274.37	327.00
106.300	716.89	.00	581.00	.00	.00	3.00	.00	.89	273.83	327.00
106.300	717.34	.00	772.00	.00	.00	3.55	.00	.91	273.00	327.00
106.600	715.19	.00	158.00	.00	.00	1.46	.00	1.01	278.33	322.84
106.600	715.88	.00	257.00	.00	.00	1.82	.00	1.01	276.49	327.00
106.600	716.18	.00	329.00	.00	.00	2.10	.00	1.02	275.70	327.00
106.600	716.51	.00	426.00	.00	.00	2.45	.00	1.02	274.83	327.00
106.600	716.74	.00	502.00	.00	.00	2.71	.00	1.02	274.23	327.00
106.600	716.95	.00	581.00	.00	.00	2.95	.00	1.03	273.66	327.00
106.600	717.43	.00	772.00	.00	.00	3.47	.00	1.04	273.00	327.00
107.000	715.19	.19	151.84	5.97	.14	1.46	.58	1.33	98.90	140.52
107.000	715.89	.79	239.04	17.16	.19	1.95	.87	1.26	94.92	142.41
107.000	716.18	1.48	301.49	26.03	.23	2.31	1.08	1.21	93.21	143.22
107.000	716.51	2.76	383.94	39.30	.30	2.75	1.34	1.17	91.31	144.12
107.000	716.74	4.02	447.43	50.55	.35	3.07	1.54	1.14	90.04	144.72
107.000	716.95	5.59	512.32	63.09	.40	3.38	1.73	1.13	88.81	145.30
107.000	717.42	10.43	665.32	96.25	.51	4.06	2.14	1.08	86.15	146.56
109.000	715.22	2.06	153.36	2.58	.25	1.10	.25	1.41	142.31	191.26
109.000	715.92	4.92	245.87	6.21	.36	1.50	.35	1.37	140.42	202.53
109.000	716.23	7.37	311.63	9.99	.44	1.79	.41	1.36	138.95	206.80
109.000	716.58	11.38	398.11	16.51	.55	2.14	.49	1.36	136.58	211.58
109.000	716.82	14.92	464.42	22.66	.63	2.39	.55	1.36	134.92	214.91
109.000	717.05	18.96	532.08	29.95	.70	2.63	.62	1.36	133.35	218.09
109.000	717.57	30.37	689.19	52.44	.84	3.14	.77	1.37	129.80	221.57
110.000	715.23	2.09	150.85	5.06	.24	.98	.25	1.09	158.77	220.78
110.000	715.94	5.25	239.63	12.12	.35	1.31	.39	1.11	154.86	223.26
110.000	716.26	7.86	303.61	17.53	.41	1.55	.47	1.12	153.11	224.37
110.000	716.61	11.88	388.69	25.42	.50	1.85	.58	1.13	151.16	225.60
110.000	716.86	15.51	454.31	32.17	.56	2.07	.66	1.14	149.74	226.50
110.000	717.10	19.61	521.88	39.51	.61	2.28	.73	1.14	148.43	227.33
110.000	717.63	31.11	682.04	58.85	.74	2.72	.90	1.14	145.50	229.19
111.000	715.23	2.56	153.90	1.54	.22	.94	.11	1.08	148.12	242.05
111.000	715.95	5.82	240.38	10.80	.31	1.25	.22	1.08	145.70	248.40
111.000	716.27	8.35	301.43	19.22	.37	1.47	.29	1.09	144.63	251.22
111.000	716.63	12.10	381.20	32.69	.44	1.74	.38	1.10	143.42	254.40
111.000	716.89	15.30	441.93	44.77	.50	1.93	.45	1.10	142.57	256.62
111.000	717.13	18.86	503.46	58.68	.55	2.11	.51	1.11	141.74	258.80
111.000	717.68	28.52	645.25	98.22	.66	2.47	.65	1.13	137.85	262.09

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
112.000	715.24	.35	150.68	6.96	.16	.97	.23	.93	180.33	262.59
112.000	715.96	.83	235.78	20.39	.22	1.28	.32	.95	177.06	270.46
112.000	716.28	1.42	296.21	31.37	.23	1.51	.40	.95	172.25	273.98
112.000	716.64	2.78	375.16	48.06	.26	1.78	.49	.96	166.80	277.97
112.000	716.90	4.36	435.01	62.62	.29	1.96	.55	.96	162.99	280.35
112.000	717.14	6.60	495.24	79.15	.33	2.14	.62	.96	157.57	281.57
112.000	717.69	16.81	632.30	122.88	.40	2.50	.76	.97	127.74	284.32
113.000	715.24	.21	150.33	7.46	.12	.98	.20	.99	197.11	302.54
113.000	715.97	1.24	230.79	24.97	.16	1.26	.30	1.01	188.46	310.14
113.000	716.29	2.54	287.16	39.29	.21	1.47	.37	1.02	184.58	313.55
113.000	716.66	5.04	359.99	60.97	.26	1.71	.46	1.03	180.19	317.42
113.000	716.92	8.05	414.42	79.52	.32	1.88	.52	1.04	175.87	320.05
113.000	717.17	11.90	468.49	100.61	.37	2.03	.58	1.05	171.56	321.13
113.000	717.73	24.11	592.15	155.74	.46	2.34	.71	1.06	117.85	323.50
114.000	715.26	.58	148.84	8.58	.17	.98	.17	.99	235.05	405.18
114.000	715.99	2.50	217.13	37.36	.18	1.20	.25	1.05	220.91	421.23
114.000	716.32	5.11	262.88	61.01	.22	1.36	.32	1.08	202.32	424.81
114.000	716.70	10.90	319.21	95.89	.25	1.53	.39	1.12	178.23	428.89
114.000	716.96	17.61	359.25	125.14	.28	1.64	.43	1.15	161.42	431.82
114.000	717.22	26.43	398.21	156.37	.31	1.73	.48	1.17	152.63	434.59
114.000	717.79	54.92	481.37	235.72	.39	1.90	.56	1.24	136.89	446.24
115.000	715.27	6.28	148.86	2.86	.25	1.00	.09	.98	215.94	399.78
115.000	716.00	15.17	213.00	28.83	.31	1.19	.21	1.00	193.81	440.27
115.000	716.34	22.62	254.57	51.81	.35	1.32	.27	1.02	180.13	441.54
115.000	716.72	34.63	305.10	86.27	.38	1.47	.34	1.04	161.49	442.98
115.000	716.99	45.65	341.19	115.16	.40	1.56	.39	1.04	151.34	444.00
115.000	717.25	58.37	376.32	146.31	.43	1.65	.43	1.05	141.94	444.98
115.000	717.82	94.11	452.69	225.21	.48	1.80	.51	1.06	136.38	447.17
* 116.000	715.27	1.58	144.22	12.20	.18	1.56	.25	.55	165.84	370.70
* 116.000	716.01	10.63	194.27	52.10	.29	1.71	.36	.62	138.63	409.30
* 116.000	716.35	19.07	226.08	83.85	.34	1.83	.41	.65	126.16	427.00
* 116.000	716.74	33.48	260.07	132.45	.40	1.93	.46	.68	113.91	440.62
116.000	717.01	47.05	280.44	174.51	.44	1.97	.50	.72	107.85	441.83
116.000	717.27	61.84	300.31	218.84	.48	2.00	.54	.74	102.01	443.00
116.000	717.85	100.43	343.70	327.86	.55	2.06	.61	.79	88.99	445.60
117.000	715.34	2.04	135.71	20.25	.32	1.67	.25	1.03	207.60	445.92
117.000	716.07	8.17	164.68	84.16	.31	1.67	.36	1.11	184.97	459.16
117.000	716.41	14.23	185.80	128.98	.34	1.75	.42	1.13	169.42	468.40
117.000	716.80	24.96	211.10	189.94	.37	1.83	.48	1.14	144.94	479.45
117.000	717.07	35.39	228.68	237.93	.39	1.89	.52	1.12	135.51	481.06
117.000	717.33	47.63	245.64	287.72	.42	1.93	.55	1.11	129.42	482.15
117.000	717.90	81.84	282.33	407.83	.48	2.01	.62	1.10	117.57	484.59

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
118.000	715.40	7.77	140.20	10.03	.44	1.69	.20	1.00	322.00	528.78
118.000	716.12	14.78	181.18	61.04	.51	1.81	.34	.93	312.28	559.07
118.000	716.46	20.33	206.31	102.36	.53	1.92	.41	.92	303.75	576.00
118.000	716.85	29.17	235.50	161.33	.52	2.02	.48	.92	267.83	595.28
118.000	717.11	38.42	254.87	208.71	.50	2.08	.52	.91	245.17	607.05
118.000	717.37	50.15	272.50	258.35	.49	2.12	.55	.92	235.83	617.53
118.000	717.95	84.13	307.81	380.06	.52	2.17	.61	.93	223.26	638.96
119.000	715.47	.00	147.96	10.04	.00	1.85	.27	.77	172.42	286.07
119.000	716.18	.00	206.40	50.60	.00	2.05	.41	.73	170.27	357.73
119.000	716.52	.00	242.14	86.86	.00	2.18	.47	.72	169.25	391.72
119.000	716.91	.34	278.27	147.40	.13	2.26	.56	.74	152.51	411.04
119.000	717.17	1.74	303.33	196.93	.20	2.31	.62	.75	138.21	420.62
119.000	717.43	4.61	326.95	249.45	.25	2.35	.66	.76	124.23	429.99
119.000	718.00	17.74	376.46	377.80	.34	2.40	.74	.77	93.12	450.82
120.000	715.56	2.49	154.39	1.12	.21	1.50	.16	1.16	161.46	273.15
120.000	716.27	18.08	223.51	15.42	.37	1.71	.32	1.20	133.82	320.11
120.000	716.61	32.28	265.87	30.86	.44	1.84	.40	1.21	124.33	336.00
120.000	716.99	53.70	316.67	55.64	.51	1.99	.47	1.17	114.24	355.93
120.000	717.25	71.84	352.42	77.74	.56	2.07	.52	1.15	107.49	370.74
120.000	717.50	91.38	387.07	102.56	.60	2.15	.56	1.12	101.15	385.15
120.000	718.06	142.39	458.47	171.14	.68	2.27	.62	1.09	88.64	418.10
121.000	715.64	2.03	150.80	5.17	.21	1.46	.20	1.04	230.42	390.09
121.000	716.35	13.35	204.52	39.13	.33	1.55	.33	1.11	203.15	454.68
121.000	716.69	23.65	237.15	68.20	.38	1.63	.39	1.14	191.76	465.48
121.000	717.07	39.32	277.12	109.56	.43	1.72	.46	1.16	179.26	475.67
121.000	717.33	52.93	306.08	142.99	.47	1.79	.50	1.16	168.42	482.36
121.000	717.59	68.13	334.25	178.62	.50	1.85	.54	1.17	158.14	488.35
121.000	718.14	109.61	395.20	267.19	.55	1.95	.61	1.17	138.03	502.92
122.000	715.71	.00	130.32	27.68	.00	1.19	.24	1.38	194.77	484.80
122.000	716.41	.00	175.80	81.20	.00	1.31	.32	1.24	193.37	492.88
122.000	716.75	.95	203.66	124.39	.08	1.38	.37	1.21	120.22	496.91
122.000	717.13	7.52	234.27	184.21	.18	1.45	.42	1.21	108.79	501.48
122.000	717.39	14.89	256.20	230.90	.23	1.49	.45	1.22	100.91	504.64
122.000	717.65	23.95	277.72	279.33	.27	1.53	.48	1.22	93.37	507.65
122.000	718.20	50.35	325.45	396.20	.34	1.61	.54	1.22	76.80	514.28
123.000	715.74	2.27	155.31	.42	.16	1.25	.16	.93	289.19	388.53
123.000	716.44	18.93	223.20	14.87	.28	1.46	.19	.92	245.11	586.33
123.000	716.78	34.21	256.78	38.01	.33	1.54	.26	.94	228.92	594.21
123.000	717.16	56.76	294.49	74.75	.38	1.61	.33	.93	212.77	603.60
123.000	717.42	75.61	320.14	106.24	.41	1.65	.37	.94	202.68	610.99
123.000	717.68	96.16	344.68	140.15	.44	1.69	.40	.94	193.76	618.06
123.000	718.23	149.01	397.07	225.92	.49	1.75	.47	.95	177.26	626.08

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST	
124.000	715.79	.00	158.00	.00	.00	1.40	.00	.88	300.41	339.25	
124.000	716.49	17.35	226.34	13.31	.22	1.61	.21	.88	127.96	478.18	
124.000	716.83	41.66	254.65	32.70	.30	1.65	.29	.90	117.50	485.36	
124.000	717.21	77.99	287.08	60.93	.36	1.70	.36	.93	89.56	492.25	
124.000	717.47	108.49	309.64	83.87	.40	1.72	.40	.94	77.97	497.00	
124.000	717.72	141.43	331.33	108.24	.43	1.75	.44	.94	71.22	502.46	
124.000	718.27	224.35	378.31	169.34	.49	1.79	.50	.96	59.13	518.42	
*	125.000	715.77	.00	158.00	.00	4.17	.00	.20	392.50	417.83	
*	125.000	716.43	.00	257.00	.00	4.54	.00	.22	390.50	421.17	
*	125.000	716.74	6.82	319.75	2.43	4.81	.19	.22	147.66	511.69	
*	125.000	717.17	54.24	351.42	20.34	4.38	.37	.26	135.01	531.21	
*	125.000	717.46	94.23	371.26	36.51	4.16	.41	.29	126.69	544.04	
*	125.000	717.72	134.86	392.36	53.77	4.02	.44	.31	118.99	555.92	
*	125.000	718.28	231.08	443.37	97.56	3.84	.48	.34	102.46	581.41	
*	126.000	716.53	11.33	120.20	26.46	.21	2.53	.23	178.23	569.22	
*	126.000	717.12	41.49	139.09	76.42	.26	2.34	.30	84.53	576.37	
*	126.000	717.43	66.53	153.98	108.49	.28	2.34	.33	2.65	580.07	
*	126.000	717.71	99.90	177.81	148.29	.32	2.49	.37	2.11	583.13	
*	126.000	717.91	128.40	194.32	179.27	.34	2.58	.40	1.87	585.39	
*	126.000	718.12	159.91	209.88	211.21	.36	2.64	.42	1.73	587.68	
*	126.000	718.60	240.64	243.65	287.71	.40	2.73	.46	1.54	629.64	
127.000	716.81	74.23	80.88	2.89	.30	2.73	.34	1.06	265.72	644.66	
127.000	717.31	158.77	92.94	5.29	.34	2.72	.35	.93	117.59	649.10	
127.000	717.60	222.20	99.74	7.06	.36	2.72	.36	.92	97.84	651.66	
127.000	717.89	305.21	111.30	9.49	.39	2.83	.38	.93	86.29	654.15	
127.000	718.09	371.10	119.31	11.59	.42	2.90	.37	.93	78.05	700.89	
127.000	718.29	439.78	126.70	14.52	.44	2.95	.35	.93	70.20	702.89	
127.000	718.76	605.12	141.88	25.00	.48	3.01	.34	.94	51.69	707.49	
*	128.000	716.92	63.72	88.47	5.81	.12	1.03	.11	3.45	318.11	1010.78
*	128.000	717.40	126.08	119.70	11.22	.15	1.23	.15	2.84	258.45	1022.71
*	128.000	717.69	174.59	139.03	15.38	.16	1.34	.16	2.58	223.63	1029.67
*	128.000	717.97	240.23	164.69	21.08	.19	1.49	.19	2.41	188.72	1036.66
*	128.000	718.18	293.33	182.93	25.73	.20	1.59	.20	2.31	163.56	1041.69
*	128.000	718.38	349.83	200.41	30.75	.22	1.67	.21	2.22	138.59	1046.68
*	128.000	718.85	491.15	236.94	43.91	.25	1.82	.24	2.08	98.13	1054.85
*	129.000	716.95	35.38	121.47	1.15	.13	1.48	.15	.67	170.50	510.34
*	129.000	717.44	83.83	170.92	2.26	.20	1.83	.19	.66	155.40	512.02
*	129.000	717.73	122.67	203.18	3.15	.24	2.03	.22	.64	147.76	513.00
*	129.000	718.02	175.59	246.00	4.41	.29	2.30	.25	.63	140.03	513.99
*	129.000	718.23	219.17	277.37	5.46	.32	2.49	.27	.63	137.68	514.70
*	129.000	718.43	266.05	308.34	6.61	.35	2.65	.29	.62	135.37	515.40
*	129.000	718.90	384.33	378.02	9.65	.42	2.98	.34	.60	130.15	516.98

SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
130.000	717.01	7.00	144.52	6.49	.07	1.06	.12	1.37	131.00	482.01
130.000	717.51	28.03	215.11	13.86	.12	1.37	.16	1.31	119.60	503.54
130.000	717.81	47.43	261.44	20.13	.15	1.55	.19	1.29	112.98	516.04
130.000	718.11	75.17	321.64	29.18	.19	1.78	.22	1.28	106.17	528.90
130.000	718.33	99.43	365.46	37.11	.22	1.92	.23	1.29	101.08	538.51
130.000	718.54	125.79	409.33	45.89	.24	2.06	.25	1.28	96.29	547.56
130.000	719.02	195.09	505.61	71.30	.29	2.32	.29	1.28	87.64	563.04
131.000	717.03	.67	157.27	.06	.06	.96	.01	.94	319.80	585.83
131.000	717.54	4.53	244.70	7.77	.11	1.26	.08	.96	316.81	624.11
131.000	717.84	8.61	302.61	17.78	.14	1.42	.12	.97	315.08	635.05
131.000	718.15	14.59	378.09	33.33	.18	1.64	.16	.98	313.31	643.37
131.000	718.37	19.86	434.54	47.60	.20	1.78	.19	.98	312.04	647.75
131.000	718.59	25.77	491.25	63.98	.23	1.91	.21	.98	310.79	652.05
131.000	719.07	41.46	621.96	108.59	.28	2.17	.27	.98	308.00	664.32
132.000	717.07	.01	154.94	3.05	.02	.99	.06	.94	377.00	651.85
132.000	717.60	.29	237.59	19.12	.07	1.27	.11	.97	367.37	675.64
132.000	717.91	.80	292.78	35.42	.09	1.42	.15	.98	361.79	686.13
132.000	718.23	3.17	363.50	59.32	.08	1.61	.18	1.00	256.02	697.60
132.000	718.45	7.26	414.93	79.82	.11	1.74	.21	1.01	251.97	707.61
132.000	718.68	12.87	465.62	102.51	.13	1.85	.23	1.02	248.00	718.18
132.000	719.17	30.51	579.58	161.91	.19	2.06	.28	1.04	238.25	740.42
133.000	717.10	37.70	86.37	33.93	.17	1.31	.16	1.01	151.35	467.93
133.000	717.64	68.71	122.28	66.01	.23	1.66	.21	.97	136.56	514.46
133.000	717.95	91.89	145.48	91.63	.27	1.85	.24	.95	128.01	541.36
133.000	718.28	123.17	175.20	127.63	.31	2.10	.27	.94	118.99	569.71
133.000	718.52	148.00	196.44	157.55	.34	2.26	.30	.93	112.48	590.21
133.000	718.74	173.83	216.57	190.60	.36	2.40	.32	.92	106.59	599.98
133.000	719.24	236.62	259.78	275.60	.42	2.65	.37	.91	94.07	607.24
134.000	717.13	13.31	142.61	2.08	.09	.82	.08	1.33	207.12	502.32
134.000	717.68	32.06	215.56	9.38	.13	1.05	.09	1.36	196.41	620.89
134.000	718.00	46.98	263.27	18.75	.16	1.18	.11	1.37	192.92	660.33
134.000	718.34	67.36	324.45	34.19	.19	1.34	.13	1.39	189.21	673.91
134.000	718.58	83.84	369.86	48.30	.21	1.44	.15	1.40	186.60	680.84
134.000	718.81	101.27	415.41	64.32	.23	1.54	.17	1.40	184.12	683.05
134.000	719.31	144.93	519.16	107.91	.27	1.74	.21	1.39	177.71	688.01
135.000	717.16	75.62	50.97	31.41	.13	.85	.10	1.15	138.23	679.33
135.000	717.72	125.31	70.93	60.75	.17	1.05	.14	1.16	119.63	698.50
135.000	718.05	161.56	84.22	83.21	.19	1.17	.16	1.15	109.04	709.41
135.000	718.39	210.42	101.43	114.15	.22	1.32	.19	1.14	97.58	721.22
135.000	718.64	248.77	114.09	139.14	.24	1.42	.20	1.14	90.47	730.90
135.000	718.87	288.64	126.42	165.93	.26	1.51	.22	1.14	87.64	746.47
135.000	719.39	384.74	154.26	233.00	.29	1.70	.26	1.13	81.45	780.53

	SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
*	136.000	717.19	15.39	140.06	2.55	.11	1.19	.09	.59	233.95	603.51
*	136.000	717.75	44.65	200.98	11.38	.16	1.43	.13	.62	214.79	639.58
*	136.000	718.08	69.28	239.41	20.32	.19	1.56	.16	.64	202.83	659.53
*	136.000	718.43	103.66	288.36	33.98	.22	1.72	.19	.67	179.69	673.24
*	136.000	718.68	132.08	324.02	45.90	.24	1.83	.21	.69	162.07	682.54
*	136.000	718.92	162.81	358.93	59.26	.26	1.92	.23	.70	145.99	691.08
*	136.000	719.44	240.72	436.78	94.49	.30	2.10	.27	.73	122.70	707.17
	137.000	717.24	34.43	96.66	26.91	.17	1.75	.26	.84	177.00	491.49
	137.000	717.82	79.38	131.71	45.91	.24	2.10	.30	.81	177.00	522.64
	137.000	718.15	114.20	153.93	60.87	.28	2.30	.32	.80	177.00	540.60
	137.000	718.51	161.40	182.38	82.22	.33	2.55	.34	.78	177.00	559.92
	137.000	718.76	198.54	202.61	100.85	.36	2.71	.36	.77	177.00	574.89
	137.000	719.00	237.12	222.13	121.75	.39	2.85	.38	.77	177.00	587.00
	137.000	719.52	330.64	265.65	175.71	.45	3.13	.43	.75	177.00	587.00
	138.000	717.28	13.68	137.88	6.44	.22	1.32	.35	1.18	192.00	411.41
	138.000	717.86	51.91	188.74	16.35	.33	1.54	.35	1.24	192.00	461.66
	138.000	718.20	83.85	217.37	27.78	.39	1.63	.36	1.29	192.00	482.00
	138.000	718.57	126.68	253.39	45.94	.46	1.75	.41	1.35	192.00	482.00
	138.000	718.82	160.90	279.55	61.55	.51	1.83	.45	1.37	192.00	482.00
	138.000	719.06	196.96	305.40	78.63	.55	1.91	.50	1.40	192.00	482.00
*	138.000	719.59	285.46	364.27	122.27	.65	2.07	.59	1.43	192.00	482.00
	139.000	717.30	5.12	152.74	.13	.15	1.29	.09	.92	145.00	309.61
	139.000	717.89	33.02	221.06	2.93	.32	1.56	.22	.91	145.00	331.62
	139.000	718.22	57.76	263.59	7.65	.41	1.70	.28	.89	145.00	354.39
	139.000	718.59	91.80	317.03	17.17	.50	1.87	.36	.87	145.00	358.00
	139.000	718.84	119.62	356.08	26.30	.56	1.98	.42	.86	145.00	358.00
	139.000	719.08	149.25	394.99	36.76	.62	2.08	.48	.86	145.00	358.00
	139.000	719.61	222.89	484.39	64.72	.74	2.30	.60	.85	145.00	358.00
	140.000	717.32	4.75	153.20	.04	.14	1.16	.07	1.05	124.00	285.40
	140.000	717.91	28.93	226.64	1.43	.31	1.39	.18	1.06	124.00	299.55
	140.000	718.25	50.19	274.21	4.61	.39	1.53	.24	1.06	124.00	319.00
	140.000	718.61	79.88	335.12	11.00	.47	1.69	.33	1.06	124.00	319.00
	140.000	718.87	104.22	380.82	16.96	.53	1.80	.39	1.06	124.00	319.00
	140.000	719.11	130.28	426.95	23.76	.59	1.91	.45	1.05	124.00	319.00
	140.000	719.64	195.54	534.53	41.93	.71	2.13	.57	1.05	124.00	319.00
	141.000	717.33	.83	157.17	.00	.14	1.38	.00	.88	190.00	259.27
	141.000	717.92	8.30	248.62	.08	.35	1.81	.08	.79	190.00	272.97
	141.000	718.25	15.83	311.01	2.16	.47	2.07	.21	.75	190.00	294.00
	141.000	718.61	27.02	390.61	8.37	.61	2.37	.37	.72	190.00	294.00
	141.000	718.86	36.32	451.09	14.59	.70	2.58	.47	.71	190.00	294.00
*	141.000	719.10	46.65	512.09	22.26	.79	2.78	.57	.69	190.00	294.00
*	141.000	719.62	73.17	654.91	43.92	.98	3.19	.77	.67	190.00	294.00

	SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
*	142.000	717.37	14.51	132.21	11.28	.28	.79	.28	2.24	566.00	642.00
*	142.000	717.97	25.30	212.14	19.56	.40	1.10	.39	2.08	566.00	642.00
*	142.000	718.32	33.31	270.01	25.68	.48	1.30	.47	1.98	566.00	642.00
*	142.000	718.69	44.18	347.85	33.97	.58	1.56	.56	1.87	566.00	642.00
*	142.000	718.95	52.79	408.70	40.51	.65	1.75	.63	1.81	566.00	642.00
*	142.000	719.20	61.79	471.87	47.34	.72	1.93	.69	1.75	566.00	642.00
*	142.000	719.73	83.72	624.36	63.92	.87	2.34	.84	1.64	566.00	642.00
*	143.000	717.37	.00	158.00	.00	.00	1.39	.00	.46	682.50	717.34
*	143.000	717.97	.00	257.00	.00	.00	1.92	.00	.47	682.50	717.50
*	143.000	718.31	.00	329.00	.00	.00	2.25	.00	.48	682.50	717.50
*	143.000	718.68	.00	426.00	.00	.00	2.68	.00	.49	682.50	717.50
*	143.000	718.93	.00	502.00	.00	.00	2.99	.00	.49	682.50	717.50
*	143.000	719.18	.00	581.00	.00	.00	3.29	.00	.49	682.50	717.50
*	143.000	719.69	.00	772.00	.00	.00	3.97	.00	.50	682.50	717.50
	144.000	717.37	.00	158.00	.00	.00	1.40	.00	1.00	682.50	717.32
	144.000	717.97	.00	257.00	.00	.00	1.92	.00	1.00	682.50	717.50
	144.000	718.32	.00	329.00	.00	.00	2.25	.00	1.00	682.50	717.50
	144.000	718.69	.00	426.00	.00	.00	2.67	.00	1.00	682.50	717.50
	144.000	718.95	.00	502.00	.00	.00	2.98	.00	1.00	682.50	717.50
	144.000	719.19	.00	581.00	.00	.00	3.28	.00	1.01	682.50	717.50
	144.000	719.72	.00	772.00	.00	.00	3.95	.00	1.01	682.50	717.50
*	145.000	717.40	.00	158.00	.00	.00	.46	.00	4.14	466.00	542.00
*	145.000	718.04	.00	257.00	.00	.00	.65	.00	3.88	466.00	542.00
*	145.000	718.41	.00	329.00	.00	.00	.78	.00	3.77	466.00	542.00
*	145.000	718.82	.00	426.00	.00	.00	.94	.00	3.68	466.00	542.00
*	145.000	719.11	.00	502.00	.00	.00	1.06	.00	3.64	466.00	542.00
*	145.000	719.39	.00	581.00	.00	.00	1.17	.00	3.60	466.00	542.00
*	145.000	720.01	.00	772.00	.00	.00	1.42	.00	3.54	466.00	542.00
	146.000	717.43	.00	158.00	.00	.00	.45	.00	1.01	466.00	542.00
	146.000	718.10	.00	257.00	.00	.00	.64	.00	1.02	466.00	542.00
	146.000	718.50	.00	329.00	.00	.00	.77	.00	1.03	466.00	542.00
	146.000	718.95	.00	426.00	.00	.00	.92	.00	1.04	466.00	542.00
	146.000	719.27	.00	502.00	.00	.00	1.03	.00	1.05	466.00	542.00
	146.000	719.59	.00	581.00	.00	.00	1.13	.00	1.05	466.00	542.00
	146.000	720.31	.00	772.00	.00	.00	1.36	.00	1.07	466.00	542.00
*	147.000	717.44	13.03	103.86	41.12	.10	.26	.09	1.83	391.00	665.00
*	147.000	718.11	21.44	161.55	74.01	.14	.36	.13	1.87	391.00	665.00
*	147.000	718.51	27.55	202.33	99.12	.17	.42	.16	1.89	391.00	665.00
*	147.000	718.96	35.76	256.30	133.94	.20	.50	.19	1.92	391.00	665.00
*	147.000	719.29	42.17	297.91	161.92	.22	.55	.21	1.93	391.00	665.00
*	147.000	719.62	48.81	340.60	191.59	.24	.61	.23	1.95	391.00	665.00
*	147.000	720.34	64.76	441.83	265.40	.29	.71	.28	1.98	391.00	665.00

	SECNO	CWSEL	QLOB	QCH	QROB	VLOB	VCH	VROB	KRATIO	SSTA	ENDST
*	147.500	717.44	30.63	56.83	70.54	.05	.15	.05	1.80	137.33	1174.25
*	147.500	718.11	52.84	81.15	123.00	.06	.18	.06	1.97	113.81	1213.55
*	147.500	718.51	69.49	97.36	162.15	.07	.21	.07	2.06	99.77	1237.03
*	147.500	718.97	92.42	117.92	215.67	.08	.23	.08	2.15	90.00	1283.69
*	147.500	719.30	110.68	133.01	258.31	.09	.25	.09	2.22	84.89	1323.26
*	147.500	719.62	129.83	147.93	303.24	.10	.26	.10	2.29	79.86	1362.18
*	147.500	720.35	176.49	181.42	414.09	.11	.29	.11	2.42	68.56	1449.69
*	148.000	717.44	25.70	68.16	64.13	.03	.08	.03	1.81	102.40	1290.14
*	148.000	718.11	43.79	103.56	109.65	.04	.11	.04	1.69	92.33	1379.79
*	148.000	718.51	57.17	127.83	144.00	.05	.13	.05	1.64	86.31	1433.35
*	148.000	718.97	75.24	158.99	191.77	.06	.15	.06	1.59	79.44	1494.14
*	148.000	719.30	89.46	182.30	230.24	.06	.16	.06	1.56	74.49	1537.81
*	148.000	719.62	104.27	205.67	271.06	.07	.18	.07	1.54	69.63	1580.77
*	148.000	720.35	140.10	259.11	372.79	.08	.20	.08	1.49	58.70	1677.36
	149.000	717.44	33.26	34.04	90.70	.03	.07	.02	1.14	166.76	2104.07
	149.000	718.11	53.02	49.51	154.47	.04	.09	.03	1.19	142.59	2179.27
	149.000	718.51	67.20	59.92	201.87	.04	.10	.04	1.22	128.15	2224.20
	149.000	718.97	86.23	73.22	266.55	.05	.12	.04	1.24	115.74	2250.30
	149.000	719.30	101.06	83.10	317.83	.05	.13	.05	1.26	107.50	2264.80
	149.000	719.62	116.43	92.99	371.58	.06	.14	.05	1.27	99.40	2279.06
	149.000	720.35	153.52	115.61	502.87	.06	.16	.06	1.29	81.18	2311.12

LITTLE MENOMONEE

SUMMARY PRINTOUT TABLE 100

SECNO	EGLWC	ELLC	EGPRS	ELTRD	QPR	QWEIR	CLASS	H3	DEPTH	CWSEL	VCH	EG	
4.000	697.66	704.21	.00	707.25	462.00	.00	1.00	.00	4.89	697.59	1.98	697.66	
4.000	698.87	704.21	.00	707.25	654.00	.00	1.00	.00	6.11	698.81	1.88	698.87	
4.000	700.15	704.21	.00	707.25	802.00	.00	1.00	.00	7.41	700.11	1.63	700.15	
4.000	700.78	704.21	.00	707.25	1041.00	.00	1.00	.00	8.03	700.73	1.84	700.78	
4.000	701.53	704.21	.00	707.25	1243.00	.00	1.00	.00	8.77	701.47	1.89	701.53	
4.000	702.16	704.21	.00	707.25	1465.00	.00	1.00	.00	9.39	702.09	1.99	702.16	
4.000	704.00	704.21	.00	707.25	2081.00	.00	1.00	.00	11.22	703.92	2.16	704.00	
*	13.500	699.80	699.50	700.00	699.10	462.00	.00	59.00	.00	4.75	699.71	3.03	699.84
*	13.500	700.36	699.50	700.84	699.10	654.00	.00	59.00	.00	5.34	700.30	2.59	700.37
*	13.500	700.94	699.50	701.70	699.10	802.00	.00	59.00	.00	5.96	700.92	1.92	700.95
*	13.500	701.50	699.50	702.81	699.10	1041.00	.00	59.00	.00	6.53	701.49	1.71	701.51
	13.500	702.08	699.50	703.96	699.10	71.67	1168.27	30.00	.00	7.09	702.05	1.86	702.08
	13.500	702.62	699.50	705.26	699.10	73.03	1389.77	30.00	.00	7.64	702.60	1.82	702.62
	13.500	704.28	699.50	709.61	699.10	75.36	1998.78	30.00	.00	9.30	704.26	1.65	704.28
	25.000	701.92	704.50	.00	707.80	462.00	.00	1.00	.00	4.90	701.90	1.03	701.92
	25.000	702.44	704.50	.00	707.80	654.00	.00	1.00	.00	5.42	702.42	1.27	702.44
	25.000	702.78	704.50	.00	707.80	802.00	.00	1.00	.00	5.75	702.75	1.45	702.78
	25.000	703.24	704.50	.00	707.80	1041.00	.00	1.00	.00	6.19	703.19	1.71	703.24
	25.000	703.61	704.50	.00	707.80	1243.00	.00	1.00	.00	6.55	703.55	1.90	703.61
	25.000	704.00	704.50	.00	707.80	1465.00	.00	1.00	.00	6.93	703.93	2.09	704.00
	25.000	705.19	704.50	705.27	707.80	2081.00	.00	10.00	.00	8.18	705.18	2.43	705.27
	38.000	702.69	721.60	.00	729.10	462.00	.00	59.00	.00	5.19	702.59	2.90	702.72
	38.000	703.30	721.60	.00	729.10	654.00	.00	59.00	.00	5.72	703.12	3.70	703.33
	38.000	703.71	721.60	.00	729.10	802.00	.00	59.00	.00	6.06	703.46	4.27	703.75
	38.000	704.30	721.60	.00	729.10	1041.00	.00	59.00	.00	6.54	703.94	5.13	704.35
	38.000	704.77	721.60	.00	729.10	1243.00	.00	59.00	.00	6.91	704.31	5.79	704.83
	38.000	705.25	721.60	.00	729.10	1465.00	.00	59.00	.00	7.28	704.68	6.47	705.33
	38.000	706.65	721.60	.00	729.10	2081.00	.00	59.00	.00	8.36	705.76	7.97	706.74
	39.600	702.81	704.90	.00	702.60	462.00	.00	59.00	.00	5.43	702.73	2.39	702.81
	39.600	703.45	704.90	.00	702.60	654.00	.00	59.00	.00	6.05	703.35	2.85	703.47
	39.600	703.89	704.90	.00	702.60	802.00	.00	59.00	.00	6.49	703.79	2.99	703.91
	39.600	704.52	704.90	.00	702.60	1041.00	.00	59.00	.00	7.14	704.44	2.94	704.54
*	39.600	705.02	704.90	705.41	702.60	1243.00	.00	59.00	.00	7.68	704.98	2.32	705.02
*	39.600	705.55	704.90	706.13	702.60	1465.00	.00	59.00	.00	8.24	705.54	1.73	705.56
	39.600	707.06	704.90	708.28	702.60	2081.00	.00	59.00	.00	9.75	707.05	1.25	707.06
	42.000	703.24	708.00	.00	709.30	462.00	.00	1.00	.00	5.63	703.23	.90	703.24
	42.000	703.94	708.00	.00	709.30	654.00	.00	1.00	.00	6.32	703.92	1.11	703.94
	42.000	704.39	708.00	.00	709.30	802.00	.00	1.00	.00	6.77	704.37	1.26	704.39
	42.000	705.04	708.00	.00	709.30	1041.00	.00	1.00	.00	7.41	705.01	1.46	705.04
	42.000	705.56	708.00	.00	709.30	1243.00	.00	1.00	.00	7.92	705.52	1.61	705.56
	42.000	706.10	708.00	.00	709.30	1465.00	.00	1.00	.00	8.45	706.05	1.75	706.10
	42.000	707.52	708.00	.00	709.30	2081.00	.00	1.00	.00	9.85	707.45	2.07	707.52

SECNO	EGLWC	ELLC	EGPRS	ELTRD	QPR	QWEIR	CLASS	H3	DEPTH	CWSEL	VCH	EG
58.000	708.69	708.40	708.81	710.20	462.00	.00	10.00	.00	5.53	708.73	2.24	708.81
58.000	709.29	708.40	709.57	710.20	654.00	.00	10.00	.00	6.25	709.45	2.76	709.57
58.000	709.66	708.40	710.09	710.20	802.00	.00	10.00	.00	6.74	709.94	3.11	710.09
58.000	710.25	708.40	711.03	710.20	955.75	85.40	30.00	.00	7.57	710.77	2.76	710.87
58.000	710.53	708.40	711.87	710.20	955.14	288.27	30.00	.00	8.02	711.22	2.44	711.28
58.000	710.88	708.40	712.79	710.20	913.65	552.54	30.00	.00	8.28	711.48	2.66	711.55
58.000	711.64	708.40	715.60	710.20	744.60	1338.45	30.00	.00	8.74	711.94	3.32	712.04
59.300	708.98	725.10	.00	726.40	462.00	.00	1.00	.00	5.26	708.96	1.16	708.98
59.300	709.77	725.10	.00	726.40	654.00	.00	1.00	.00	6.04	709.74	1.37	709.77
59.300	710.33	725.10	.00	726.40	802.00	.00	1.00	.00	6.59	710.29	1.50	710.33
59.300	711.11	725.10	.00	726.40	1041.00	.00	1.00	.00	7.37	711.07	1.61	711.11
59.300	711.48	725.10	.00	726.40	1243.00	.00	1.00	.00	7.73	711.43	1.75	711.48
59.300	711.78	725.10	.00	726.40	1445.00	.00	1.00	.00	8.02	711.72	1.93	711.78
59.300	712.36	725.10	.00	726.40	2081.00	.00	1.00	.00	8.56	712.26	2.45	712.36
60.000	708.99	709.10	.00	710.40	462.00	.00	1.00	.00	5.28	708.98	.99	708.99
60.000	709.79	709.10	709.81	710.40	654.00	.00	10.00	.00	6.09	709.79	1.18	709.81
60.000	710.34	709.10	710.39	710.40	802.00	.00	10.00	.00	6.66	710.36	1.30	710.39
60.000	711.13	709.10	711.22	710.40	1041.49	.04	30.00	.00	7.49	711.20	1.29	711.22
60.000	711.50	709.10	711.65	710.40	1244.53	.14	30.00	.00	7.93	711.63	1.23	711.65
60.000	711.80	709.10	712.02	710.40	1473.08	.28	30.00	.00	8.31	712.01	1.20	712.02
60.000	712.40	709.10	712.85	710.40	2029.50	51.95	30.00	.00	9.12	712.82	1.17	712.83
* 75.000	710.51	712.70	.00	711.90	179.00	.00	59.00	.00	4.55	710.42	2.07	710.48
* 75.000	711.04	712.70	.00	711.90	299.00	.00	59.00	.00	4.96	710.83	3.17	710.99
* 75.000	711.44	712.70	.00	711.90	388.00	.00	59.00	.00	5.25	711.12	3.89	711.36
* 75.000	712.07	712.70	.00	711.90	506.00	.00	59.00	.00	5.75	711.62	4.63	711.96
* 75.000	712.17	712.70	.00	711.90	599.00	.00	59.00	.00	6.07	711.94	5.19	712.36
* 75.000	712.51	712.70	.00	711.90	695.00	.00	59.00	.00	6.37	712.24	5.72	712.75
* 75.000	713.29	712.70	714.51	711.90	931.00	.00	59.00	.00	7.17	713.04	6.08	713.52
* 79.600	710.61	715.90	.00	721.00	179.00	.00	59.00	.00	3.84	710.64	1.08	710.66
* 79.600	711.20	715.90	.00	721.00	299.00	.00	59.00	.00	4.43	711.23	1.40	711.26
* 79.600	711.62	715.90	.00	721.00	388.00	.00	59.00	.00	4.85	711.65	1.55	711.68
* 79.600	712.24	715.90	.00	721.00	506.00	.00	59.00	.00	5.46	712.26	1.63	712.30
* 79.600	712.67	715.90	.00	721.00	599.00	.00	59.00	.00	5.89	712.69	1.69	712.73
* 79.600	713.08	715.90	.00	721.00	695.00	.00	59.00	.00	6.30	713.10	1.74	713.15
* 79.600	713.87	715.90	.00	721.00	931.00	.00	59.00	.00	7.08	713.88	1.92	713.94
82.600	710.92	713.40	.00	714.00	179.00	.00	1.00	.00	4.11	710.91	.82	710.92
82.600	711.61	713.40	.00	714.00	299.00	.00	1.00	.00	4.79	711.59	1.12	711.61
82.600	712.05	713.40	.00	714.00	388.00	.00	1.00	.00	5.22	712.02	1.29	712.05
82.600	712.65	713.40	.00	714.00	506.00	.00	1.00	.00	5.81	712.61	1.47	712.65
82.600	713.06	713.40	.00	714.00	599.00	.00	1.00	.00	6.22	713.02	1.60	713.06
82.600	713.46	713.40	713.48	714.00	695.00	.00	10.00	.00	6.63	713.43	1.72	713.48
82.600	714.25	713.40	714.37	714.00	909.47	23.29	30.00	.00	7.55	714.35	.93	714.36

SECNO	EGLWC	ELLC	EGPRS	ELTRD	QPR	QWEIR	CLASS	H3	DEPTH	CWSEL	VCH	EG
92.600	713.11	716.00	.00	715.80	179.00	.00	59.00	.00	4.29	713.09	1.24	713.12
92.600	713.72	716.00	.00	715.80	299.00	.00	59.00	.00	4.88	713.68	1.78	713.73
92.600	713.98	716.00	.00	715.80	388.00	.00	59.00	.00	5.12	713.92	2.19	714.00
92.600	714.29	716.00	.00	715.80	506.00	.00	59.00	.00	5.41	714.21	2.67	714.32
92.600	714.55	716.00	.00	715.80	599.00	.00	59.00	.00	5.64	714.44	3.02	714.58
92.600	714.81	716.00	.00	715.80	695.00	.00	59.00	.00	5.87	714.67	3.34	714.84
92.600	715.47	716.00	.00	715.80	931.00	.00	59.00	.00	6.46	715.26	4.01	715.51
104.600	715.11	717.90	.00	718.40	158.00	.00	59.00	.00	4.90	715.10	1.07	715.11
104.600	715.78	717.90	.00	718.40	257.00	.00	59.00	.00	5.55	715.75	1.48	715.78
104.600	716.04	717.90	.00	718.40	329.00	.00	59.00	.00	5.81	716.01	1.79	716.06
104.600	716.33	717.90	.00	718.40	426.00	.00	59.00	.00	6.07	716.27	2.19	716.35
104.600	716.52	717.90	.00	718.40	502.00	.00	59.00	.00	6.25	716.45	2.48	716.54
104.600	716.71	717.90	.00	718.40	581.00	.00	59.00	.00	6.41	716.61	2.78	716.73
104.600	717.12	717.90	.00	718.40	772.00	.00	59.00	.00	6.77	716.97	3.46	717.15
106.600	715.22	720.90	.00	723.00	158.00	.00	1.00	.01	4.29	715.19	1.46	715.22
106.600	715.93	720.90	.00	723.00	257.00	.00	1.00	.02	4.98	715.88	1.82	715.93
106.600	716.25	720.90	.00	723.00	329.00	.00	1.00	.03	5.28	716.18	2.10	716.25
106.600	716.60	720.90	.00	723.00	426.00	.00	1.00	.04	5.61	716.51	2.45	716.60
106.600	716.85	720.90	.00	723.00	502.00	.00	1.00	.05	5.84	716.74	2.71	716.85
106.600	717.09	720.90	.00	723.00	581.00	.00	1.00	.07	6.05	716.95	2.95	717.09
106.600	717.62	720.90	.00	723.00	772.00	.00	1.00	.10	6.53	717.43	3.47	717.62
144.000	717.40	725.50	.00	728.30	158.00	.00	1.00	.00	4.17	717.37	1.40	717.40
144.000	718.03	725.50	.00	728.30	257.00	.00	1.00	.00	4.77	717.97	1.92	718.03
144.000	718.39	725.50	.00	728.30	329.00	.00	1.00	.01	5.12	718.32	2.25	718.39
144.000	718.80	725.50	.00	728.30	426.00	.00	1.00	.01	5.49	718.69	2.67	718.80
144.000	719.08	725.50	.00	728.30	502.00	.00	1.00	.01	5.75	718.95	2.98	719.08
144.000	719.36	725.50	.00	728.30	581.00	.00	1.00	.02	5.99	719.19	3.28	719.36
144.000	719.96	725.50	.00	728.30	772.00	.00	1.00	.03	6.52	719.72	3.95	719.96

LITTLE MENOMONEE

SUMMARY PRINTOUT TABLE 101

SECNO	EGOC	ELLC	EGIC	ELTRD	QCULV	QWEIR	CLASS	H4	DEPTH	CWSEL	VCH	EG
146.000	717.44	718.80	713.94	723.10	158.00	.00	7.00	.03	5.23	717.43	.45	717.44
146.000	718.11	718.80	714.61	723.10	257.00	.00	7.00	.06	5.90	718.10	.64	718.11
146.000	718.51	718.80	715.04	723.10	329.00	.00	7.00	.09	6.30	718.50	.77	718.51
146.000	718.96	718.80	715.58	723.10	426.00	.00	7.00	.13	6.75	718.95	.92	718.96
146.000	719.29	718.80	715.97	723.10	502.00	.00	7.00	.16	7.07	719.27	1.03	719.29
146.000	719.61	718.80	716.35	723.10	581.00	.00	7.00	.20	7.39	719.59	1.13	719.61
146.000	720.34	718.80	717.22	723.10	772.00	.00	7.00	.30	8.11	720.31	1.36	720.34

LITTLE MENOMONEE

SUMMARY PRINTOUT TABLE 150

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
1.000	.00	.00	.00	691.90	462.00	697.00	.00	697.42	29.13	5.25	101.85	85.59
1.000	.00	.00	.00	691.90	654.00	698.30	.00	698.67	19.14	5.14	195.98	149.50
1.000	.00	.00	.00	691.90	802.00	699.85	.00	700.04	8.36	4.04	436.29	277.38
1.000	.00	.00	.00	691.90	1041.00	700.45	.00	700.66	8.89	4.41	571.79	349.21
1.000	.00	.00	.00	691.90	1243.00	701.25	.00	701.42	6.97	4.18	801.70	470.82
1.000	.00	.00	.00	691.90	1465.00	701.90	.00	702.05	6.19	4.15	990.20	588.92
1.000	.00	.00	.00	691.90	2081.00	703.80	.00	703.91	4.20	3.89	1541.19	1015.55
*	2.000	257.00	.00	692.50	462.00	697.60	.00	697.61	.94	.99	477.79	476.94
*	2.000	257.00	.00	692.50	654.00	698.81	.00	698.83	.72	1.05	662.26	769.30
*	2.000	257.00	.00	692.50	802.00	700.11	.00	700.13	.48	1.00	934.16	1155.18
*	2.000	257.00	.00	692.50	1041.00	700.74	.00	700.76	.58	1.17	1065.54	1366.80
*	2.000	257.00	.00	692.50	1243.00	701.48	.00	701.50	.58	1.25	1221.57	1638.33
*	2.000	257.00	.00	692.50	1465.00	702.10	.00	702.13	.60	1.35	1353.26	1883.70
*	2.000	257.00	.00	692.50	2081.00	703.93	.00	703.97	.60	1.53	1740.09	2684.82
*	3.000	90.00	.00	692.70	462.00	697.59	.00	697.65	6.21	1.98	232.76	185.32
*	3.000	90.00	.00	692.70	654.00	698.81	.00	698.86	3.96	1.88	348.22	328.72
*	3.000	90.00	.00	692.70	802.00	700.11	.00	700.15	2.28	1.64	490.39	531.04
*	3.000	90.00	.00	692.70	1041.00	700.73	.00	700.78	2.58	1.84	565.29	647.93
*	3.000	90.00	.00	692.70	1243.00	701.47	.00	701.52	2.27	1.89	656.85	825.75
*	3.000	90.00	.00	692.70	1465.00	702.09	.00	702.15	2.20	2.00	734.06	987.43
*	3.000	90.00	.00	692.70	2081.00	703.92	.00	703.99	1.88	2.16	961.21	1519.20
4.000	109.00	707.25	704.21	692.70	462.00	697.59	.00	697.66	6.19	1.98	233.14	185.76
4.000	109.00	707.25	704.21	692.70	654.00	698.81	.00	698.87	3.95	1.88	348.55	329.16
4.000	109.00	707.25	704.21	692.70	802.00	700.11	.00	700.15	2.28	1.63	490.63	531.41
4.000	109.00	707.25	704.21	692.70	1041.00	700.73	.00	700.78	2.58	1.84	565.60	648.51
4.000	109.00	707.25	704.21	692.70	1243.00	701.47	.00	701.53	2.26	1.89	657.18	826.41
4.000	109.00	707.25	704.21	692.70	1465.00	702.09	.00	702.16	2.20	1.99	734.43	988.23
4.000	109.00	707.25	704.21	692.70	2081.00	703.92	.00	704.00	1.87	2.16	961.58	1520.14
*	5.000	52.00	.00	693.10	462.00	697.35	.00	698.05	63.51	6.69	70.78	57.97
*	5.000	52.00	.00	693.10	654.00	698.57	.00	699.20	39.20	6.54	131.46	104.46
*	5.000	52.00	.00	693.10	802.00	699.99	.00	700.33	16.79	5.16	320.25	195.75
*	5.000	52.00	.00	693.10	1041.00	700.62	.00	700.95	15.70	5.36	474.23	262.73
*	5.000	52.00	.00	693.10	1243.00	701.40	.00	701.64	11.22	4.89	703.21	371.07
*	5.000	52.00	.00	693.10	1465.00	702.05	.00	702.24	9.18	4.68	917.02	483.43
*	5.000	52.00	.00	693.10	2081.00	703.92	.00	704.03	5.03	4.00	1612.59	928.15
*	6.000	100.00	.00	693.30	462.00	698.16	.00	698.46	24.88	4.77	210.20	92.62
*	6.000	100.00	.00	693.30	654.00	699.31	.00	699.43	9.56	3.53	562.60	211.57
*	6.000	100.00	.00	693.30	802.00	700.38	.00	700.43	4.22	2.67	935.33	390.58
*	6.000	100.00	.00	693.30	1041.00	700.99	.00	701.05	4.03	2.79	1152.17	518.28
*	6.000	100.00	.00	693.30	1243.00	701.67	.00	701.71	3.38	2.73	1388.82	675.70
*	6.000	100.00	.00	693.30	1465.00	702.26	.00	702.30	3.12	2.76	1597.86	829.43
*	6.000	100.00	.00	693.30	2081.00	704.03	.00	704.07	2.33	2.73	2220.65	1362.37

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
7.000	100.00	.00	.00	693.50	462.00	698.48	.00	698.69	17.31	4.11	294.46	111.05
7.000	100.00	.00	.00	693.50	654.00	699.43	.00	699.53	8.47	3.32	614.91	224.68
7.000	100.00	.00	.00	693.50	802.00	700.43	.00	700.47	4.06	2.60	964.55	398.07
7.000	100.00	.00	.00	693.50	1041.00	701.04	.00	701.09	3.89	2.72	1184.06	527.90
7.000	100.00	.00	.00	693.50	1243.00	701.71	.00	701.75	3.28	2.67	1425.02	686.85
7.000	100.00	.00	.00	693.50	1465.00	702.30	.00	702.34	3.01	2.69	1646.43	844.37
7.000	100.00	.00	.00	693.50	2081.00	704.06	.00	704.09	2.18	2.63	2369.43	1410.20
8.000	100.00	.00	.00	693.60	462.00	698.68	.00	698.85	14.72	3.88	315.19	120.43
8.000	100.00	.00	.00	693.60	654.00	699.52	.00	699.62	8.88	3.42	603.51	219.51
8.000	100.00	.00	.00	693.60	802.00	700.47	.00	700.52	4.26	2.66	975.50	388.50
8.000	100.00	.00	.00	693.60	1041.00	701.08	.00	701.13	3.93	2.73	1229.53	525.16
8.000	100.00	.00	.00	693.60	1243.00	701.74	.00	701.78	3.20	2.63	1510.90	694.85
8.000	100.00	.00	.00	693.60	1465.00	702.33	.00	702.37	2.86	2.62	1768.56	865.87
8.000	100.00	.00	.00	693.60	2081.00	704.09	.00	704.12	1.98	2.50	2566.72	1479.39
9.000	98.00	.00	.00	693.70	462.00	698.86	.00	698.99	11.03	3.35	340.07	139.08
9.000	98.00	.00	.00	693.70	654.00	699.61	.00	699.71	7.83	3.17	589.06	233.75
9.000	98.00	.00	.00	693.70	802.00	700.51	.00	700.57	4.08	2.58	946.35	396.84
9.000	98.00	.00	.00	693.70	1041.00	701.12	.00	701.17	3.77	2.66	1208.10	535.98
9.000	98.00	.00	.00	693.70	1243.00	701.78	.00	701.82	3.06	2.56	1502.86	710.36
9.000	98.00	.00	.00	693.70	1465.00	702.36	.00	702.40	2.72	2.55	1780.41	888.76
9.000	98.00	.00	.00	693.70	2081.00	704.11	.00	704.14	1.83	2.41	2638.98	1538.30
* 9.500	289.00	.00	.00	693.90	462.00	699.11	.00	699.13	2.32	1.60	1100.47	303.52
* 9.500	289.00	.00	.00	693.90	654.00	699.80	.00	699.81	1.60	1.48	1655.51	516.46
* 9.500	289.00	.00	.00	693.90	802.00	700.61	.00	700.62	.91	1.24	2353.38	841.50
* 9.500	289.00	.00	.00	693.90	1041.00	701.22	.00	701.22	.83	1.27	2909.08	1139.92
* 9.500	289.00	.00	.00	693.90	1243.00	701.85	.00	701.86	.69	1.23	3515.54	1494.67
* 9.500	289.00	.00	.00	693.90	1465.00	702.43	.00	702.44	.62	1.23	4095.37	1858.49
* 9.500	289.00	.00	.00	693.90	2081.00	704.16	.00	704.16	.43	1.17	5916.12	3187.55
* 9.600	240.00	.00	.00	694.05	462.00	699.16	.00	699.22	6.15	2.47	541.16	186.30
* 9.600	240.00	.00	.00	694.05	654.00	699.83	.00	699.87	4.22	2.29	929.04	318.49
* 9.600	240.00	.00	.00	694.05	802.00	700.63	.00	700.65	2.17	1.83	1486.88	544.04
* 9.600	240.00	.00	.00	694.05	1041.00	701.23	.00	701.25	1.87	1.83	1947.30	761.42
* 9.600	240.00	.00	.00	694.05	1243.00	701.87	.00	701.88	1.44	1.72	2465.89	1034.58
* 9.600	240.00	.00	.00	694.05	1465.00	702.45	.00	702.46	1.23	1.68	2965.21	1322.94
* 9.600	240.00	.00	.00	694.05	2081.00	704.17	.00	704.18	.74	1.51	4599.38	2414.01
* 10.000	255.00	.00	.00	694.20	462.00	699.29	.00	699.30	1.20	1.23	1382.64	421.02
* 10.000	255.00	.00	.00	694.20	654.00	699.92	.00	699.93	1.07	1.27	1880.39	632.88
* 10.000	255.00	.00	.00	694.20	802.00	700.68	.00	700.69	.71	1.13	2547.96	953.80
* 10.000	255.00	.00	.00	694.20	1041.00	701.28	.00	701.28	.68	1.19	3112.50	1259.38
* 10.000	255.00	.00	.00	694.20	1243.00	701.90	.00	701.91	.59	1.17	3736.59	1624.00
* 10.000	255.00	.00	.00	694.20	1465.00	702.48	.00	702.48	.53	1.18	4345.17	2002.97
* 10.000	255.00	.00	.00	694.20	2081.00	704.19	.00	704.19	.37	1.12	6372.75	3409.61

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
*	10.500	237.00	.00	.00	694.35	462.00	699.32	.00	699.35	3.01	1.81	824.99	266.29
*	10.500	237.00	.00	.00	694.35	654.00	699.95	.00	699.97	2.41	1.79	1227.17	421.55
*	10.500	237.00	.00	.00	694.35	802.00	700.70	.00	700.71	1.45	1.53	1776.21	666.36
*	10.500	237.00	.00	.00	694.35	1041.00	701.30	.00	701.31	1.33	1.57	2242.07	903.42
*	10.500	237.00	.00	.00	694.35	1243.00	701.92	.00	701.93	1.08	1.52	2753.72	1194.10
*	10.500	237.00	.00	.00	694.35	1465.00	702.49	.00	702.50	.96	1.51	3236.38	1494.87
*	10.500	237.00	.00	.00	694.35	2081.00	704.20	.00	704.20	.64	1.43	4778.82	2597.58
	11.000	210.00	.00	.00	694.50	462.00	699.39	.00	699.41	2.52	1.73	907.17	290.91
	11.000	210.00	.00	.00	694.50	654.00	700.01	.00	700.02	2.24	1.78	1295.98	436.54
	11.000	210.00	.00	.00	694.50	802.00	700.73	.00	700.75	1.45	1.57	1843.18	666.45
	11.000	210.00	.00	.00	694.50	1041.00	701.33	.00	701.34	1.34	1.62	2321.46	899.40
	11.000	210.00	.00	.00	694.50	1243.00	701.94	.00	701.95	1.10	1.56	2849.19	1184.94
	11.000	210.00	.00	.00	694.50	1465.00	702.51	.00	702.52	.97	1.55	3357.76	1484.19
	11.000	210.00	.00	.00	694.50	2081.00	704.21	.00	704.22	.64	1.44	5006.46	2599.50
*	11.500	252.00	.00	.00	694.70	462.00	699.46	.00	699.55	8.60	2.87	412.53	157.51
*	11.500	252.00	.00	.00	694.70	654.00	700.07	.00	700.14	6.73	2.81	718.17	252.19
*	11.500	252.00	.00	.00	694.70	802.00	700.78	.00	700.81	3.71	2.31	1176.05	416.22
*	11.500	252.00	.00	.00	694.70	1041.00	701.37	.00	701.40	3.05	2.26	1599.85	596.04
*	11.500	252.00	.00	.00	694.70	1243.00	701.97	.00	702.00	2.28	2.09	2077.65	824.07
*	11.500	252.00	.00	.00	694.70	1465.00	702.54	.00	702.56	1.86	2.00	2550.69	1073.35
*	11.500	252.00	.00	.00	694.70	2081.00	704.23	.00	704.24	1.05	1.74	4064.69	2030.47
	12.000	249.00	.00	.00	694.90	462.00	699.65	.00	699.75	7.02	2.66	376.11	174.35
	12.000	249.00	.00	.00	694.90	654.00	700.22	.00	700.31	6.09	2.73	666.30	264.91
	12.000	249.00	.00	.00	694.90	802.00	700.86	.00	700.91	3.73	2.34	1099.27	415.03
	12.000	249.00	.00	.00	694.90	1041.00	701.44	.00	701.48	3.10	2.30	1518.72	591.03
	12.000	249.00	.00	.00	694.90	1243.00	702.03	.00	702.06	2.32	2.13	1988.78	815.23
	12.000	249.00	.00	.00	694.90	1465.00	702.58	.00	702.61	1.91	2.05	2452.92	1059.26
	12.000	249.00	.00	.00	694.90	2081.00	704.25	.00	704.27	1.06	1.77	3962.97	2021.41
	13.000	66.00	.00	.00	694.96	462.00	699.73	.00	699.80	7.06	2.39	455.22	173.85
	13.000	66.00	.00	.00	694.96	654.00	700.31	.00	700.36	4.99	2.24	842.08	292.74
	13.000	66.00	.00	.00	694.96	802.00	700.91	.00	700.94	3.12	1.96	1231.50	453.80
	13.000	66.00	.00	.00	694.96	1041.00	701.47	.00	701.50	2.67	1.97	1613.14	636.59
	13.000	66.00	.00	.00	694.96	1243.00	702.05	.00	702.08	2.07	1.87	2038.73	863.15
	13.000	66.00	.00	.00	694.96	1465.00	702.60	.00	702.62	1.75	1.83	2459.34	1108.79
	13.000	66.00	.00	.00	694.96	2081.00	704.26	.00	704.28	1.03	1.65	3858.81	2050.72
*	13.500	6.00	699.10	699.50	694.96	462.00	699.71	.00	699.84	31.21	3.03	232.91	82.70
*	13.500	6.00	699.10	699.50	694.96	654.00	700.30	.00	700.37	34.19	2.59	492.01	111.84
*	13.500	6.00	699.10	699.50	694.96	802.00	700.92	.00	700.95	15.01	1.92	834.99	206.97
*	13.500	6.00	699.10	699.50	694.96	1041.00	701.49	.00	701.51	9.86	1.71	1200.65	331.46
*	13.500	6.00	699.10	699.50	694.96	1243.00	702.05	.00	702.08	2.05	1.86	2047.40	868.01
*	13.500	6.00	699.10	699.50	694.96	1465.00	702.60	.00	702.62	1.73	1.82	2470.15	1115.36
*	13.500	6.00	699.10	699.50	694.96	2081.00	704.26	.00	704.28	1.02	1.65	3866.89	2056.65

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
*	14.000	50.00	.00	.00	694.98	462.00	699.84	.00	699.91	6.02	2.64	366.78	188.27
*	14.000	50.00	.00	.00	694.98	654.00	700.35	.00	700.45	7.20	3.12	491.42	243.78
*	14.000	50.00	.00	.00	694.98	802.00	700.93	.00	701.01	5.32	2.90	857.83	347.67
*	14.000	50.00	.00	.00	694.98	1041.00	701.49	.00	701.56	4.56	2.87	1234.36	487.35
	14.000	50.00	.00	.00	694.98	1243.00	702.05	.00	702.10	3.52	2.68	1634.96	662.59
	14.000	50.00	.00	.00	694.98	1465.00	702.60	.00	702.64	2.85	2.55	2051.48	867.26
	14.000	50.00	.00	.00	694.98	2081.00	704.26	.00	704.29	1.54	2.16	3441.86	1679.27
	14.500	196.00	.00	.00	695.10	462.00	699.98	.00	700.04	6.16	2.51	628.59	186.19
	14.500	196.00	.00	.00	695.10	654.00	700.54	.00	700.58	4.62	2.37	989.10	304.16
	14.500	196.00	.00	.00	695.10	802.00	701.07	.00	701.10	3.22	2.13	1344.28	447.03
	14.500	196.00	.00	.00	695.10	1041.00	701.61	.00	701.64	2.81	2.13	1719.27	621.13
	14.500	196.00	.00	.00	695.10	1243.00	702.14	.00	702.16	2.30	2.04	2105.64	820.12
	14.500	196.00	.00	.00	695.10	1465.00	702.68	.00	702.69	1.96	1.99	2507.52	1047.02
	14.500	196.00	.00	.00	695.10	2081.00	704.30	.00	704.31	1.18	1.79	3844.16	1911.83
	15.000	169.00	.00	.00	695.20	462.00	700.08	.00	700.13	4.91	2.37	605.05	208.56
	15.000	169.00	.00	.00	695.20	654.00	700.61	.00	700.66	4.66	2.49	884.69	303.06
	15.000	169.00	.00	.00	695.20	802.00	701.12	.00	701.16	3.51	2.31	1204.11	428.37
	15.000	169.00	.00	.00	695.20	1041.00	701.66	.00	701.69	3.12	2.33	1565.46	589.68
	15.000	169.00	.00	.00	695.20	1243.00	702.18	.00	702.21	2.60	2.25	1932.35	770.67
	15.000	169.00	.00	.00	695.20	1465.00	702.71	.00	702.73	2.22	2.19	2327.36	982.67
	15.000	169.00	.00	.00	695.20	2081.00	704.32	.00	704.34	1.33	1.95	3649.32	1804.47
	15.500	247.00	.00	.00	695.35	462.00	700.21	.00	700.26	5.69	2.44	578.09	193.76
	15.500	247.00	.00	.00	695.35	654.00	700.73	.00	700.78	5.22	2.53	826.73	286.21
	15.500	247.00	.00	.00	695.35	802.00	701.21	.00	701.25	4.15	2.41	1084.31	393.54
	15.500	247.00	.00	.00	695.35	1041.00	701.74	.00	701.78	3.80	2.47	1386.68	533.89
	15.500	247.00	.00	.00	695.35	1243.00	702.25	.00	702.28	3.21	2.41	1702.04	693.53
	15.500	247.00	.00	.00	695.35	1465.00	702.76	.00	702.79	2.77	2.36	2053.97	880.58
	15.500	247.00	.00	.00	695.35	2081.00	704.36	.00	704.37	1.63	2.09	3321.82	1629.78
	16.000	236.00	.00	.00	695.50	462.00	700.39	.00	700.43	10.25	2.20	520.02	144.30
	16.000	236.00	.00	.00	695.50	654.00	700.90	.00	700.93	8.85	2.21	779.37	219.84
	16.000	236.00	.00	.00	695.50	802.00	701.34	.00	701.37	6.70	2.04	1036.64	309.85
	16.000	236.00	.00	.00	695.50	1041.00	701.86	.00	701.88	5.73	2.01	1353.08	435.06
	16.000	236.00	.00	.00	695.50	1243.00	702.35	.00	702.37	4.64	1.91	1677.86	577.05
	16.000	236.00	.00	.00	695.50	1465.00	702.85	.00	702.87	3.84	1.83	2032.78	747.50
	16.000	236.00	.00	.00	695.50	2081.00	704.40	.00	704.42	2.12	1.56	3258.82	1430.57
*	16.500	252.00	.00	.00	695.60	462.00	700.66	.00	700.77	15.84	2.85	248.02	116.09
*	16.500	252.00	.00	.00	695.60	654.00	701.14	.00	701.27	18.26	3.28	396.25	153.04
*	16.500	252.00	.00	.00	695.60	802.00	701.53	.00	701.63	15.06	3.14	639.72	206.66
*	16.500	252.00	.00	.00	695.60	1041.00	702.02	.00	702.09	11.96	2.96	970.74	300.98
	16.500	252.00	.00	.00	695.60	1243.00	702.48	.00	702.53	8.92	2.69	1303.32	416.15
	16.500	252.00	.00	.00	695.60	1465.00	702.96	.00	702.99	6.80	2.47	1666.76	561.87
	16.500	252.00	.00	.00	695.60	2081.00	704.46	.00	704.48	3.06	1.90	2955.89	1188.74

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K	
*	17.000	245.00	.00	.00	695.70	462.00	701.01	.00	701.05	8.73	2.23	519.77	156.36
*	17.000	245.00	.00	.00	695.70	654.00	701.52	.00	701.55	7.65	2.23	812.20	236.42
*	17.000	245.00	.00	.00	695.70	802.00	701.85	.00	701.88	7.00	2.22	1020.63	303.20
*	17.000	245.00	.00	.00	695.70	1041.00	702.28	.00	702.31	6.57	2.26	1310.04	406.16
*	17.000	245.00	.00	.00	695.70	1243.00	702.68	.00	702.70	5.72	2.20	1599.80	519.94
*	17.000	245.00	.00	.00	695.70	1465.00	703.11	.00	703.14	4.83	2.11	1939.56	666.90
*	17.000	245.00	.00	.00	695.70	2081.00	704.54	.00	704.55	2.57	1.75	3237.99	1297.36
	17.500	256.00	.00	.00	695.80	462.00	701.23	.00	701.28	8.90	2.25	399.60	154.86
	17.500	256.00	.00	.00	695.80	654.00	701.71	.00	701.76	8.40	2.33	716.41	225.68
	17.500	256.00	.00	.00	695.80	802.00	702.03	.00	702.07	7.66	2.32	947.92	289.68
	17.500	256.00	.00	.00	695.80	1041.00	702.45	.00	702.48	6.96	2.32	1271.90	394.72
	17.500	256.00	.00	.00	695.80	1243.00	702.82	.00	702.86	5.97	2.23	1578.24	508.92
	17.500	256.00	.00	.00	695.80	1465.00	703.24	.00	703.26	5.03	2.14	1925.45	653.44
	17.500	256.00	.00	.00	695.80	2081.00	704.60	.00	704.62	2.64	1.75	3184.97	1281.04
*	18.000	249.00	.00	.00	695.90	462.00	701.35	.00	701.37	1.38	1.42	897.98	393.11
*	18.000	249.00	.00	.00	695.90	654.00	701.83	.00	701.85	1.55	1.60	1140.18	525.25
*	18.000	249.00	.00	.00	695.90	802.00	702.14	.00	702.16	1.66	1.72	1301.69	622.05
*	18.000	249.00	.00	.00	695.90	1041.00	702.54	.00	702.57	1.85	1.90	1517.95	764.46
*	18.000	249.00	.00	.00	695.90	1243.00	702.91	.00	702.93	1.87	1.98	1800.13	909.58
*	18.000	249.00	.00	.00	695.90	1465.00	703.31	.00	703.33	1.80	2.03	2134.61	1092.27
*	18.000	249.00	.00	.00	695.90	2081.00	704.64	.00	704.66	1.26	1.90	3317.74	1853.77
*	19.000	300.00	.00	.00	696.17	462.00	701.39	.00	701.44	3.03	2.07	579.30	265.54
	19.000	300.00	.00	.00	696.17	654.00	701.88	.00	701.92	3.09	2.23	858.87	372.31
	19.000	300.00	.00	.00	696.17	802.00	702.19	.00	702.23	3.09	2.32	1053.73	456.46
	19.000	300.00	.00	.00	696.17	1041.00	702.60	.00	702.65	3.13	2.45	1330.26	588.12
	19.000	300.00	.00	.00	696.17	1243.00	702.97	.00	703.01	2.97	2.49	1581.28	721.26
	19.000	300.00	.00	.00	696.17	1465.00	703.37	.00	703.41	2.75	2.49	1860.92	883.20
	19.000	300.00	.00	.00	696.17	2081.00	704.68	.00	704.71	1.81	2.28	2840.97	1546.49
	19.500	253.00	.00	.00	696.40	462.00	701.49	.00	701.53	3.65	2.04	613.86	241.97
	19.500	253.00	.00	.00	696.40	654.00	701.97	.00	702.01	3.52	2.16	862.23	348.50
	19.500	253.00	.00	.00	696.40	802.00	702.28	.00	702.32	3.50	2.24	1028.89	428.96
	19.500	253.00	.00	.00	696.40	1041.00	702.69	.00	702.73	3.56	2.39	1262.17	551.75
	19.500	253.00	.00	.00	696.40	1243.00	703.05	.00	703.09	3.42	2.44	1471.99	671.73
	19.500	253.00	.00	.00	696.40	1465.00	703.44	.00	703.48	3.26	2.49	1699.18	811.84
	19.500	253.00	.00	.00	696.40	2081.00	704.73	.00	704.76	2.26	2.36	2497.51	1382.91
	20.000	260.00	.00	.00	696.64	462.00	701.58	.00	701.62	3.84	2.07	596.02	235.65
	20.000	260.00	.00	.00	696.64	654.00	702.06	.00	702.10	3.80	2.22	819.19	335.52
	20.000	260.00	.00	.00	696.64	802.00	702.37	.00	702.41	3.83	2.33	965.61	409.87
	20.000	260.00	.00	.00	696.64	1041.00	702.79	.00	702.83	3.98	2.50	1164.73	522.06
	20.000	260.00	.00	.00	696.64	1243.00	703.14	.00	703.19	3.91	2.59	1336.48	628.28
	20.000	260.00	.00	.00	696.64	1465.00	703.53	.00	703.57	3.78	2.66	1523.92	753.46
	20.000	260.00	.00	.00	696.64	2081.00	704.79	.00	704.83	2.84	2.62	2150.72	1235.45

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
21.000	98.00	.00	.00	696.73	462.00	701.61	.00	701.67	4.72	2.29	503.37	212.64
21.000	98.00	.00	.00	696.73	654.00	702.09	.00	702.15	4.83	2.50	683.71	297.52
21.000	98.00	.00	.00	696.73	802.00	702.40	.00	702.46	4.95	2.64	802.41	360.57
21.000	98.00	.00	.00	696.73	1041.00	702.82	.00	702.88	5.22	2.86	964.71	455.80
21.000	98.00	.00	.00	696.73	1243.00	703.17	.00	703.24	5.19	2.98	1104.32	545.39
21.000	98.00	.00	.00	696.73	1465.00	703.56	.00	703.62	5.07	3.08	1256.67	650.67
21.000	98.00	.00	.00	696.73	2081.00	704.81	.00	704.87	3.91	3.07	1763.61	1052.49
22.000	98.00	.00	.00	696.82	462.00	701.66	.00	701.73	5.97	2.56	405.54	189.07
22.000	98.00	.00	.00	696.82	654.00	702.13	.00	702.22	6.38	2.85	542.67	259.01
22.000	98.00	.00	.00	696.82	802.00	702.44	.00	702.53	6.67	3.05	632.88	310.45
22.000	98.00	.00	.00	696.82	1041.00	702.86	.00	702.96	7.19	3.35	757.74	388.12
22.000	98.00	.00	.00	696.82	1243.00	703.21	.00	703.32	7.28	3.52	865.81	460.69
22.000	98.00	.00	.00	696.82	1465.00	703.60	.00	703.70	7.21	3.66	984.65	545.61
22.000	98.00	.00	.00	696.82	2081.00	704.84	.00	704.94	5.74	3.70	1387.08	868.46
* 23.000	98.00	.00	.00	696.90	462.00	701.69	.00	701.85	11.94	3.56	243.19	133.69
* 23.000	98.00	.00	.00	696.90	654.00	702.17	.00	702.36	13.98	4.13	329.66	174.92
* 23.000	98.00	.00	.00	696.90	802.00	702.47	.00	702.68	15.02	4.46	390.81	206.93
* 23.000	98.00	.00	.00	696.90	1041.00	702.89	.00	703.13	16.51	4.93	476.47	256.21
* 23.000	98.00	.00	.00	696.90	1243.00	703.24	.00	703.49	16.85	5.20	550.59	302.81
* 23.000	98.00	.00	.00	696.90	1465.00	703.62	.00	703.88	16.77	5.41	632.08	357.75
* 23.000	98.00	.00	.00	696.90	2081.00	704.85	.00	705.08	13.39	5.46	908.85	568.75
* 24.000	105.00	.00	.00	697.00	462.00	701.90	.00	701.92	1.09	1.03	449.12	442.85
* 24.000	105.00	.00	.00	697.00	654.00	702.42	.00	702.44	1.42	1.27	513.00	549.77
* 24.000	105.00	.00	.00	697.00	802.00	702.74	.00	702.78	1.66	1.45	553.58	622.02
* 24.000	105.00	.00	.00	697.00	1041.00	703.19	.00	703.24	2.06	1.71	608.81	725.50
* 24.000	105.00	.00	.00	697.00	1243.00	703.55	.00	703.61	2.34	1.90	653.31	813.01
* 24.000	105.00	.00	.00	697.00	1465.00	703.93	.00	704.00	2.60	2.09	700.09	908.83
* 24.000	105.00	.00	.00	697.00	2081.00	705.09	.00	705.18	2.88	2.47	844.00	1226.61
25.000	112.50	707.80	704.50	697.00	462.00	701.90	.00	701.92	1.09	1.03	449.19	442.97
25.000	112.50	707.80	704.50	697.00	654.00	702.42	.00	702.44	1.41	1.27	513.11	549.95
25.000	112.50	707.80	704.50	697.00	802.00	702.75	.00	702.78	1.66	1.45	553.71	622.26
25.000	112.50	707.80	704.50	697.00	1041.00	703.19	.00	703.24	2.06	1.71	609.01	725.88
25.000	112.50	707.80	704.50	697.00	1243.00	703.55	.00	703.61	2.33	1.90	653.56	813.51
25.000	112.50	707.80	704.50	697.00	1465.00	703.93	.00	704.00	2.59	2.09	700.39	909.47
25.000	112.50	707.80	704.50	697.00	2081.00	705.18	.00	705.27	2.76	2.43	855.20	1252.73
* 26.000	62.00	.00	.00	697.00	462.00	701.89	.00	701.96	4.77	2.52	383.71	211.62
* 26.000	62.00	.00	.00	697.00	654.00	702.40	.00	702.50	6.02	3.05	462.83	266.48
* 26.000	62.00	.00	.00	697.00	802.00	702.72	.00	702.84	6.95	3.41	512.95	304.20
* 26.000	62.00	.00	.00	697.00	1041.00	703.16	.00	703.32	8.41	3.95	580.97	358.87
* 26.000	62.00	.00	.00	697.00	1243.00	703.51	.00	703.70	9.39	4.34	635.84	405.74
* 26.000	62.00	.00	.00	697.00	1465.00	703.89	.00	704.10	10.25	4.71	693.52	457.58
* 26.000	62.00	.00	.00	697.00	2081.00	705.13	.00	705.38	10.31	5.30	885.84	648.24

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
27.000	100.00	.00	.00	697.02	462.00	701.95	.00	702.01	5.36	2.51	510.24	199.55
27.000	100.00	.00	.00	697.02	654.00	702.50	.00	702.56	5.27	2.69	711.10	284.87
27.000	100.00	.00	.00	697.02	802.00	702.85	.00	702.92	5.29	2.83	840.22	348.54
27.000	100.00	.00	.00	697.02	1041.00	703.34	.00	703.41	5.43	3.04	1018.04	446.54
27.000	100.00	.00	.00	697.02	1243.00	703.73	.00	703.80	5.43	3.18	1160.73	533.30
27.000	100.00	.00	.00	697.02	1465.00	704.14	.00	704.21	5.38	3.30	1310.20	631.50
27.000	100.00	.00	.00	697.02	2081.00	705.43	.00	705.50	4.44	3.38	1782.95	988.01
28.000	101.00	.00	.00	697.04	462.00	702.02	.00	702.06	3.80	2.13	717.91	236.97
28.000	101.00	.00	.00	697.04	654.00	702.58	.00	702.61	3.48	2.21	999.78	350.50
28.000	101.00	.00	.00	697.04	802.00	702.93	.00	702.97	3.42	2.29	1182.58	433.72
28.000	101.00	.00	.00	697.04	1041.00	703.42	.00	703.46	3.36	2.41	1445.20	567.68
28.000	101.00	.00	.00	697.04	1243.00	703.82	.00	703.85	3.28	2.49	1655.03	686.64
28.000	101.00	.00	.00	697.04	1465.00	704.23	.00	704.26	3.18	2.56	1874.40	821.68
28.000	101.00	.00	.00	697.04	2081.00	705.52	.00	705.55	2.53	2.57	2558.23	1307.49
29.000	101.00	.00	.00	697.06	462.00	702.07	.00	702.10	3.12	1.93	843.35	261.49
29.000	101.00	.00	.00	697.06	654.00	702.62	.00	702.65	2.79	1.98	1170.72	391.46
29.000	101.00	.00	.00	697.06	802.00	702.98	.00	703.00	2.68	2.03	1387.19	489.54
29.000	101.00	.00	.00	697.06	1041.00	703.47	.00	703.49	2.62	2.13	1693.88	643.62
29.000	101.00	.00	.00	697.06	1243.00	703.86	.00	703.88	2.53	2.19	1943.98	780.94
29.000	101.00	.00	.00	697.06	1465.00	704.27	.00	704.29	2.44	2.25	2211.54	937.88
29.000	101.00	.00	.00	697.06	2081.00	705.55	.00	705.57	1.87	2.21	3131.32	1521.38
30.000	100.00	.00	.00	697.08	462.00	702.11	.00	702.13	2.85	1.84	921.79	273.76
30.000	100.00	.00	.00	697.08	654.00	702.65	.00	702.67	2.51	1.87	1278.60	412.57
30.000	100.00	.00	.00	697.08	802.00	703.01	.00	703.03	2.40	1.92	1514.27	517.95
30.000	100.00	.00	.00	697.08	1041.00	703.50	.00	703.52	2.32	2.00	1846.48	683.04
30.000	100.00	.00	.00	697.08	1243.00	703.89	.00	703.91	2.24	2.06	2116.17	829.93
30.000	100.00	.00	.00	697.08	1465.00	704.30	.00	704.32	2.15	2.11	2402.65	997.96
30.000	100.00	.00	.00	697.08	2081.00	705.57	.00	705.59	1.66	2.08	3337.87	1613.29
31.000	100.00	.00	.00	697.10	462.00	702.14	.00	702.16	3.61	2.01	831.89	243.07
31.000	100.00	.00	.00	697.10	654.00	702.68	.00	702.70	3.24	2.06	1141.06	363.33
31.000	100.00	.00	.00	697.10	802.00	703.03	.00	703.06	3.08	2.11	1350.70	456.71
31.000	100.00	.00	.00	697.10	1041.00	703.52	.00	703.55	2.98	2.20	1651.38	603.45
31.000	100.00	.00	.00	697.10	1243.00	703.91	.00	703.94	2.87	2.26	1898.67	734.22
31.000	100.00	.00	.00	697.10	1465.00	704.32	.00	704.34	2.75	2.31	2164.71	884.02
31.000	100.00	.00	.00	697.10	2081.00	705.59	.00	705.61	2.09	2.27	3034.85	1437.94
31.500	155.00	.00	.00	697.10	462.00	702.19	.00	702.21	2.84	1.85	918.52	274.37
31.500	155.00	.00	.00	697.10	654.00	702.73	.00	702.75	2.52	1.89	1271.66	411.68
31.500	155.00	.00	.00	697.10	802.00	703.08	.00	703.10	2.41	1.93	1507.39	516.67
31.500	155.00	.00	.00	697.10	1041.00	703.57	.00	703.59	2.33	2.01	1840.75	682.12
31.500	155.00	.00	.00	697.10	1243.00	703.96	.00	703.98	2.25	2.07	2109.64	828.90
31.500	155.00	.00	.00	697.10	1465.00	704.36	.00	704.38	2.16	2.12	2395.15	996.53
31.500	155.00	.00	.00	697.10	2081.00	705.62	.00	705.64	1.68	2.09	3337.46	1607.49

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
32.000	156.00	.00	.00	697.10	462.00	702.23	.00	702.26	3.02	1.92	788.26	265.85
32.000	156.00	.00	.00	697.10	654.00	702.77	.00	702.80	2.97	2.05	1067.56	379.73
32.000	156.00	.00	.00	697.10	802.00	703.12	.00	703.15	2.93	2.13	1259.99	468.41
32.000	156.00	.00	.00	697.10	1041.00	703.60	.00	703.63	2.93	2.25	1539.92	608.42
32.000	156.00	.00	.00	697.10	1243.00	703.99	.00	704.02	2.88	2.33	1771.57	732.97
32.000	156.00	.00	.00	697.10	1465.00	704.40	.00	704.43	2.80	2.40	2022.33	875.63
32.000	156.00	.00	.00	697.10	2081.00	705.65	.00	705.67	2.20	2.39	2850.07	1402.91
33.000	190.00	.00	.00	697.15	462.00	702.29	.00	702.33	3.55	2.05	686.10	245.27
33.000	190.00	.00	.00	697.15	654.00	702.82	.00	702.86	3.46	2.19	936.90	351.61
33.000	190.00	.00	.00	697.15	802.00	703.17	.00	703.21	3.44	2.29	1106.02	432.48
33.000	190.00	.00	.00	697.15	1041.00	703.66	.00	703.70	3.45	2.44	1348.98	560.09
33.000	190.00	.00	.00	697.15	1243.00	704.04	.00	704.08	3.41	2.53	1548.70	673.07
33.000	190.00	.00	.00	697.15	1465.00	704.45	.00	704.49	3.33	2.61	1766.38	802.46
33.000	190.00	.00	.00	697.15	2081.00	705.69	.00	705.72	2.68	2.64	2468.82	1271.68
33.500	228.00	.00	.00	697.21	462.00	702.37	.00	702.43	4.70	2.29	515.62	213.06
33.500	228.00	.00	.00	697.21	654.00	702.90	.00	702.96	4.85	2.52	689.43	297.05
33.500	228.00	.00	.00	697.21	802.00	703.25	.00	703.32	4.97	2.68	805.37	359.83
33.500	228.00	.00	.00	697.21	1041.00	703.74	.00	703.81	5.17	2.91	970.85	457.88
33.500	228.00	.00	.00	697.21	1243.00	704.12	.00	704.20	5.23	3.07	1105.03	543.52
33.500	228.00	.00	.00	697.21	1465.00	704.52	.00	704.60	5.24	3.21	1248.05	640.19
33.500	228.00	.00	.00	697.21	2081.00	705.75	.00	705.82	4.49	3.35	1712.00	982.48
34.000	160.00	.00	.00	697.25	462.00	702.44	.00	702.52	5.19	2.43	388.34	202.76
34.000	160.00	.00	.00	697.25	654.00	702.97	.00	703.06	5.71	2.77	527.20	273.66
34.000	160.00	.00	.00	697.25	802.00	703.32	.00	703.42	6.02	2.98	619.97	326.98
34.000	160.00	.00	.00	697.25	1041.00	703.81	.00	703.92	6.44	3.29	752.26	410.25
34.000	160.00	.00	.00	697.25	1243.00	704.20	.00	704.31	6.64	3.49	858.19	482.50
34.000	160.00	.00	.00	697.25	1465.00	704.59	.00	704.72	6.75	3.68	970.02	563.88
34.000	160.00	.00	.00	697.25	2081.00	705.80	.00	705.93	6.04	3.92	1319.28	846.64
35.000	100.00	.00	.00	697.28	462.00	702.49	.00	702.59	6.28	2.61	292.14	184.41
35.000	100.00	.00	.00	697.28	654.00	703.02	.00	703.14	7.18	3.04	391.40	244.13
35.000	100.00	.00	.00	697.28	802.00	703.37	.00	703.51	7.72	3.31	458.96	288.68
35.000	100.00	.00	.00	697.28	1041.00	703.86	.00	704.02	8.44	3.70	557.34	358.30
35.000	100.00	.00	.00	697.28	1243.00	704.24	.00	704.42	8.86	3.97	636.30	417.51
35.000	100.00	.00	.00	697.28	1465.00	704.64	.00	704.84	9.13	4.21	722.70	484.90
35.000	100.00	.00	.00	697.28	2081.00	705.84	.00	706.04	8.34	4.54	1008.40	720.71
36.000	96.00	.00	.00	697.30	462.00	702.56	.00	702.65	5.83	2.51	233.04	191.29
36.000	96.00	.00	.00	697.30	654.00	703.09	.00	703.22	7.55	3.08	273.92	237.97
36.000	96.00	.00	.00	697.30	802.00	703.44	.00	703.60	8.78	3.46	300.69	270.66
36.000	96.00	.00	.00	697.30	1041.00	703.92	.00	704.14	10.64	4.03	338.20	319.09
36.000	96.00	.00	.00	697.30	1243.00	704.30	.00	704.57	12.05	4.45	366.89	358.10
36.000	96.00	.00	.00	697.30	1465.00	704.69	.00	705.00	13.49	4.89	395.66	398.85
36.000	96.00	.00	.00	697.30	2081.00	705.83	.00	706.26	15.32	5.73	482.90	531.64

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
37.000	49.00	.00	.00	697.40	462.00	702.56	.00	702.69	5.55	2.91	158.81	196.15
37.000	49.00	.00	.00	697.40	654.00	703.08	.00	703.30	7.97	3.73	175.50	231.70
37.000	49.00	.00	.00	697.40	802.00	703.42	.00	703.71	9.82	4.31	186.28	255.89
37.000	49.00	.00	.00	697.40	1041.00	703.88	.00	704.30	12.84	5.18	201.01	290.49
37.000	49.00	.00	.00	697.40	1243.00	704.23	.00	704.77	15.27	5.86	212.25	318.08
37.000	49.00	.00	.00	697.40	1465.00	704.59	.00	705.25	17.83	6.55	223.62	346.97
37.000	49.00	.00	.00	697.40	2081.00	705.63	.00	706.65	22.63	8.10	256.97	437.46
38.000	39.00	729.10	721.60	697.40	462.00	702.59	.00	702.72	5.46	2.90	159.55	197.66
38.000	39.00	729.10	721.60	697.40	654.00	703.12	.00	703.33	7.80	3.70	176.60	234.12
38.000	39.00	729.10	721.60	697.40	802.00	703.46	.00	703.75	9.58	4.27	187.66	259.07
38.000	39.00	729.10	721.60	697.40	1041.00	703.94	.00	704.35	12.45	5.13	202.90	295.08
38.000	39.00	729.10	721.60	697.40	1243.00	704.31	.00	704.83	14.72	5.79	214.60	323.98
38.000	39.00	729.10	721.60	697.40	1465.00	704.68	.00	705.33	17.08	6.47	226.50	354.46
38.000	39.00	729.10	721.60	697.40	2081.00	705.76	.00	706.74	21.48	7.97	261.01	448.96
* 39.000	59.00	.00	.00	697.30	462.00	702.75	.00	702.77	1.58	1.27	748.20	367.92
* 39.000	59.00	.00	.00	697.30	654.00	703.39	.00	703.41	1.29	1.28	1197.42	575.66
* 39.000	59.00	.00	.00	697.30	802.00	703.83	.00	703.84	1.13	1.27	1551.22	756.12
* 39.000	59.00	.00	.00	697.30	1041.00	704.47	.00	704.48	.93	1.26	2135.92	1077.91
* 39.000	59.00	.00	.00	697.30	1243.00	704.98	.00	704.99	.79	1.23	2655.44	1396.82
* 39.000	59.00	.00	.00	697.30	1465.00	705.52	.00	705.53	.67	1.20	3235.70	1788.26
* 39.000	59.00	.00	.00	697.30	2081.00	707.04	.00	707.05	.43	1.10	5038.00	3182.30
* 39.300	47.00	.00	.00	697.30	462.00	702.73	.00	702.81	3.98	2.31	245.97	231.44
* 39.300	47.00	.00	.00	697.30	654.00	703.36	.00	703.45	4.23	2.59	472.81	317.98
* 39.300	47.00	.00	.00	697.30	802.00	703.80	.00	703.89	3.89	2.63	702.15	406.52
* 39.300	47.00	.00	.00	697.30	1041.00	704.45	.00	704.52	3.14	2.54	1124.47	587.01
* 39.300	47.00	.00	.00	697.30	1243.00	704.97	.00	705.02	2.54	2.40	1508.22	780.39
* 39.300	47.00	.00	.00	697.30	1465.00	705.51	.00	705.55	2.03	2.26	1938.49	1027.89
* 39.300	47.00	.00	.00	697.30	2081.00	707.03	.00	707.06	1.14	1.92	3283.16	1950.25
39.600	8.00	702.60	704.90	697.30	462.00	702.73	.00	702.81	4.54	2.39	198.72	216.74
39.600	8.00	702.60	704.90	697.30	654.00	703.35	.00	703.47	5.57	2.85	326.71	277.09
39.600	8.00	702.60	704.90	697.30	802.00	703.79	.00	703.91	5.59	2.99	503.11	339.26
39.600	8.00	702.60	704.90	697.30	1041.00	704.44	.00	704.54	4.76	2.94	876.23	476.95
* 39.600	8.00	702.60	704.90	697.30	1243.00	704.98	.00	705.02	6.37	2.32	1240.93	492.45
* 39.600	8.00	702.60	704.90	697.30	1465.00	705.54	.00	705.56	5.74	1.73	1669.67	611.60
39.600	8.00	702.60	704.90	697.30	2081.00	707.05	.00	707.06	2.30	1.25	3000.33	1370.95
* 40.000	215.00	.00	.00	697.36	462.00	702.84	.00	702.98	10.51	3.24	221.84	142.51
40.000	215.00	.00	.00	697.36	654.00	703.49	.00	703.64	9.91	3.49	350.89	207.80
40.000	215.00	.00	.00	697.36	802.00	703.93	.00	704.07	9.08	3.56	463.64	266.11
40.000	215.00	.00	.00	697.36	1041.00	704.55	.00	704.68	8.05	3.62	625.28	366.93
40.000	215.00	.00	.00	697.36	1243.00	705.08	.00	705.21	7.11	3.62	762.22	466.29
40.000	215.00	.00	.00	697.36	1465.00	705.62	.00	705.74	6.35	3.62	903.88	581.35
* 40.000	215.00	.00	.00	697.36	2081.00	707.07	.00	707.18	4.85	3.62	1283.17	945.26

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
40.500	182.00	.00	.00	697.40	462.00	703.03	.00	703.18	10.98	3.12	162.23	139.45
40.500	182.00	.00	.00	697.40	654.00	703.67	.00	703.87	12.61	3.60	215.63	184.20
40.500	182.00	.00	.00	697.40	802.00	704.09	.00	704.31	13.58	3.89	251.14	217.63
40.500	182.00	.00	.00	697.40	1041.00	704.68	.00	704.94	14.70	4.30	305.33	271.50
40.500	182.00	.00	.00	697.40	1243.00	705.18	.00	705.46	13.95	4.49	371.20	332.84
* 40.500	182.00	.00	.00	697.40	1465.00	705.69	.00	705.99	13.27	4.68	437.73	402.23
* 40.500	182.00	.00	.00	697.40	2081.00	707.09	.00	707.41	11.09	4.97	620.18	624.98
* 41.000	105.00	.00	.00	697.60	462.00	703.23	.00	703.24	.55	.90	515.73	622.77
* 41.000	105.00	.00	.00	697.60	654.00	703.92	.00	703.94	.74	1.11	589.68	762.39
* 41.000	105.00	.00	.00	697.60	802.00	704.37	.00	704.39	.87	1.26	638.69	859.43
* 41.000	105.00	.00	.00	697.60	1041.00	705.00	.00	705.04	1.09	1.46	711.29	998.52
* 41.000	105.00	.00	.00	697.60	1243.00	705.52	.00	705.56	1.24	1.61	772.44	1117.61
* 41.000	105.00	.00	.00	697.60	1465.00	706.04	.00	706.09	1.32	1.75	835.21	1273.03
* 41.000	105.00	.00	.00	697.60	2081.00	707.45	.00	707.52	1.45	2.07	1003.64	1729.07
42.000	91.00	709.30	708.00	697.60	462.00	703.23	.00	703.24	.55	.90	515.80	622.91
42.000	91.00	709.30	708.00	697.60	654.00	703.92	.00	703.94	.74	1.11	589.79	762.61
42.000	91.00	709.30	708.00	697.60	802.00	704.37	.00	704.39	.87	1.26	638.84	859.73
42.000	91.00	709.30	708.00	697.60	1041.00	705.01	.00	705.04	1.09	1.46	711.50	999.01
42.000	91.00	709.30	708.00	697.60	1243.00	705.52	.00	705.56	1.24	1.61	772.70	1118.22
42.000	91.00	709.30	708.00	697.60	1465.00	706.05	.00	706.10	1.32	1.75	835.50	1273.77
42.000	91.00	709.30	708.00	697.60	2081.00	707.45	.00	707.52	1.45	2.07	1004.06	1730.29
* 43.000	94.00	.00	.00	697.64	462.00	703.19	.00	703.30	5.95	2.64	233.61	189.39
* 43.000	94.00	.00	.00	697.64	654.00	703.89	.00	704.00	6.05	2.95	357.90	265.93
* 43.000	94.00	.00	.00	697.64	802.00	704.34	.00	704.46	6.00	3.11	449.93	327.31
* 43.000	94.00	.00	.00	697.64	1041.00	704.98	.00	705.11	5.83	3.31	591.19	430.97
* 43.000	94.00	.00	.00	697.64	1243.00	705.50	.00	705.63	5.55	3.41	706.06	527.44
* 43.000	94.00	.00	.00	697.64	1465.00	706.03	.00	706.16	5.32	3.52	822.19	635.03
* 43.000	94.00	.00	.00	697.64	2081.00	707.44	.00	707.58	4.61	3.70	1133.79	969.01
44.000	62.00	.00	.00	697.67	462.00	703.23	.00	703.34	6.96	2.79	214.12	175.10
44.000	62.00	.00	.00	697.67	654.00	703.92	.00	704.04	6.61	3.02	375.69	254.33
44.000	62.00	.00	.00	697.67	802.00	704.38	.00	704.50	6.15	3.10	494.65	323.38
44.000	62.00	.00	.00	697.67	1041.00	705.03	.00	705.15	5.56	3.19	677.40	441.54
44.000	62.00	.00	.00	697.67	1243.00	705.56	.00	705.67	5.00	3.20	842.38	555.79
44.000	62.00	.00	.00	697.67	1465.00	706.10	.00	706.20	4.54	3.21	1013.84	687.88
44.000	62.00	.00	.00	697.67	2081.00	707.53	.00	707.62	3.51	3.20	1471.13	1110.82
45.000	57.00	.00	.00	697.70	462.00	703.27	.00	703.38	6.87	2.72	192.04	176.28
45.000	57.00	.00	.00	697.70	654.00	703.95	.00	704.10	8.03	3.13	297.53	230.83
45.000	57.00	.00	.00	697.70	802.00	704.40	.00	704.56	8.33	3.31	388.54	277.91
45.000	57.00	.00	.00	697.70	1041.00	705.05	.00	705.21	7.86	3.47	561.91	371.33
45.000	57.00	.00	.00	697.70	1243.00	705.58	.00	705.73	7.09	3.51	723.27	466.91
45.000	57.00	.00	.00	697.70	1465.00	706.11	.00	706.25	6.48	3.56	890.93	575.56
45.000	57.00	.00	.00	697.70	2081.00	707.53	.00	707.66	4.83	3.53	1412.24	947.09

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
46.000	123.00	.00	.00	697.85	462.00	703.35	.00	703.49	8.30	2.96	186.26	160.39
46.000	123.00	.00	.00	697.85	654.00	704.05	.00	704.21	8.62	3.36	295.01	222.73
46.000	123.00	.00	.00	697.85	802.00	704.50	.00	704.67	8.55	3.56	401.56	274.21
46.000	123.00	.00	.00	697.85	1041.00	705.14	.00	705.31	7.78	3.67	639.73	373.32
46.000	123.00	.00	.00	697.85	1243.00	705.67	.00	705.81	6.72	3.62	878.28	479.56
46.000	123.00	.00	.00	697.85	1465.00	706.21	.00	706.34	5.63	3.51	1171.92	617.60
46.000	123.00	.00	.00	697.85	2081.00	707.65	.00	707.72	3.47	3.13	2116.80	1116.48
46.500	187.00	.00	.00	698.07	462.00	703.51	.00	703.65	9.24	3.02	154.37	152.03
46.500	187.00	.00	.00	698.07	654.00	704.20	.00	704.39	10.08	3.53	241.76	206.03
46.500	187.00	.00	.00	698.07	802.00	704.65	.00	704.84	9.42	3.64	420.20	261.28
46.500	187.00	.00	.00	698.07	1041.00	705.30	.00	705.45	7.60	3.55	770.32	377.67
46.500	187.00	.00	.00	698.07	1243.00	705.82	.00	705.93	5.97	3.34	1105.50	508.87
46.500	187.00	.00	.00	698.07	1465.00	706.34	.00	706.44	4.82	3.17	1452.54	667.20
46.500	187.00	.00	.00	698.07	2081.00	707.73	.00	707.78	2.85	2.77	2482.08	1231.90
*	47.000	192.00	.00	698.30	462.00	703.70	.00	703.77	3.65	2.13	453.60	241.82
*	47.000	192.00	.00	698.30	654.00	704.45	.00	704.50	3.05	2.16	862.55	374.72
*	47.000	192.00	.00	698.30	802.00	704.90	.00	704.94	2.65	2.13	1180.95	492.56
*	47.000	192.00	.00	698.30	1041.00	705.50	.00	705.54	2.25	2.10	1646.26	694.17
*	47.000	192.00	.00	698.30	1243.00	705.97	.00	706.00	1.98	2.07	2039.02	882.84
*	47.000	192.00	.00	698.30	1465.00	706.47	.00	706.49	1.75	2.03	2475.28	1108.68
*	47.000	192.00	.00	698.30	2081.00	707.80	.00	707.82	1.23	1.91	3755.66	1876.63
	47.500	244.00	.00	698.65	462.00	703.79	.00	703.89	6.46	2.62	266.35	181.72
*	47.500	244.00	.00	698.65	654.00	704.52	.00	704.62	5.94	2.75	489.00	268.41
*	47.500	244.00	.00	698.65	802.00	704.96	.00	705.05	5.41	2.79	690.82	344.76
*	47.500	244.00	.00	698.65	1041.00	705.55	.00	705.63	4.69	2.80	1031.23	480.62
*	47.500	244.00	.00	698.65	1243.00	706.01	.00	706.08	4.11	2.77	1317.05	613.23
*	47.500	244.00	.00	698.65	1465.00	706.50	.00	706.56	3.58	2.72	1627.01	774.47
	47.500	244.00	.00	698.65	2081.00	707.83	.00	707.87	2.48	2.56	2529.31	1321.14
48.000	256.00	.00	.00	699.00	462.00	703.95	.00	704.06	6.33	2.59	197.79	183.69
48.000	256.00	.00	.00	699.00	654.00	704.65	.00	704.79	7.03	3.05	275.26	246.59
48.000	256.00	.00	.00	699.00	802.00	705.07	.00	705.22	7.04	3.23	455.50	302.26
48.000	256.00	.00	.00	699.00	1041.00	705.64	.00	705.78	6.52	3.34	737.07	407.62
48.000	256.00	.00	.00	699.00	1243.00	706.10	.00	706.22	5.85	3.33	989.73	514.11
48.000	256.00	.00	.00	699.00	1465.00	706.58	.00	706.69	5.12	3.28	1281.32	647.21
48.000	256.00	.00	.00	699.00	2081.00	707.88	.00	707.95	3.32	2.98	2227.91	1142.19
48.500	251.00	.00	.00	699.35	462.00	704.14	.00	704.23	7.85	2.72	297.89	164.85
48.500	251.00	.00	.00	699.35	654.00	704.88	.00	704.97	6.28	2.76	540.20	261.02
48.500	251.00	.00	.00	699.35	802.00	705.30	.00	705.39	5.69	2.80	727.39	336.13
48.500	251.00	.00	.00	699.35	1041.00	705.86	.00	705.94	5.11	2.86	1028.69	460.50
48.500	251.00	.00	.00	699.35	1243.00	706.29	.00	706.36	4.60	2.86	1304.95	579.80
48.500	251.00	.00	.00	699.35	1465.00	706.74	.00	706.81	4.05	2.82	1625.58	728.17
48.500	251.00	.00	.00	699.35	2081.00	707.99	.00	708.03	2.70	2.60	2671.60	1266.44

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
* 49.000	247.00	.00	.00	699.70	462.00	704.33	.00	704.51	13.00	3.40	135.80	128.12
* 49.000	247.00	.00	.00	699.70	654.00	705.01	.00	705.22	13.33	3.82	271.04	179.12
* 49.000	247.00	.00	.00	699.70	802.00	705.42	.00	705.62	12.19	3.90	432.79	229.69
* 49.000	247.00	.00	.00	699.70	1041.00	705.96	.00	706.14	10.52	3.91	706.50	320.98
* 49.000	247.00	.00	.00	699.70	1243.00	706.39	.00	706.54	9.10	3.83	964.22	412.15
* 49.000	247.00	.00	.00	699.70	1465.00	706.83	.00	706.96	7.52	3.67	1275.07	534.39
* 49.000	247.00	.00	.00	699.70	2081.00	708.05	.00	708.12	4.37	3.18	2212.05	995.28
49.500	252.00	.00	.00	700.05	462.00	704.70	.00	704.95	22.40	3.99	119.23	97.61
49.500	252.00	.00	.00	700.05	654.00	705.38	.00	705.62	17.97	4.12	302.05	154.26
49.500	252.00	.00	.00	700.05	802.00	705.76	.00	705.97	15.60	4.10	446.71	203.08
49.500	252.00	.00	.00	700.05	1041.00	706.26	.00	706.43	12.84	4.03	735.84	290.55
49.500	252.00	.00	.00	700.05	1243.00	706.65	.00	706.79	10.44	3.84	1021.78	384.61
49.500	252.00	.00	.00	700.05	1465.00	707.05	.00	707.16	8.49	3.65	1328.67	502.84
49.500	252.00	.00	.00	700.05	2081.00	708.17	.00	708.24	4.96	3.18	2211.83	934.40
50.000	249.00	.00	.00	700.40	462.00	705.25	.00	705.51	22.49	4.14	149.78	97.43
50.000	249.00	.00	.00	700.40	654.00	705.85	.00	706.14	23.17	4.54	325.29	135.87
50.000	249.00	.00	.00	700.40	802.00	706.17	.00	706.48	24.87	4.88	290.59	160.81
* 50.000	249.00	.00	.00	700.40	1041.00	706.58	.00	706.94	27.48	5.36	373.17	198.58
* 50.000	249.00	.00	.00	700.40	1243.00	706.90	.00	707.22	24.57	5.33	654.62	250.76
* 50.000	249.00	.00	.00	700.40	1465.00	707.27	.00	707.50	18.70	4.90	1003.03	338.80
* 50.000	249.00	.00	.00	700.40	2081.00	708.31	.00	708.40	8.18	3.72	2091.76	727.43
50.500	226.00	.00	.00	700.75	462.00	705.78	.00	705.98	19.39	3.75	169.62	104.93
50.500	226.00	.00	.00	700.75	654.00	706.39	.00	706.58	15.94	3.83	376.23	163.80
50.500	226.00	.00	.00	700.75	802.00	706.74	.00	706.90	13.55	3.76	559.32	217.87
* 50.500	226.00	.00	.00	700.75	1041.00	707.21	.00	707.34	11.24	3.69	832.72	310.44
* 50.500	226.00	.00	.00	700.75	1243.00	707.47	.00	707.60	11.12	3.82	992.42	372.67
* 50.500	226.00	.00	.00	700.75	1465.00	707.70	.00	707.83	11.46	4.00	1134.48	432.82
* 50.500	226.00	.00	.00	700.75	2081.00	708.49	.00	708.61	9.33	4.00	1643.60	681.19
51.000	211.00	.00	.00	701.10	462.00	706.25	.00	706.42	21.52	3.34	138.40	99.60
51.000	211.00	.00	.00	701.10	654.00	706.78	704.55	707.02	26.71	4.01	232.22	126.54
51.000	211.00	.00	.00	701.10	802.00	707.07	.00	707.33	27.65	4.28	375.34	152.53
* 51.000	211.00	.00	.00	701.10	1041.00	707.47	.00	707.73	26.96	4.49	600.99	200.50
* 51.000	211.00	.00	.00	701.10	1243.00	707.73	.00	707.99	27.25	4.68	761.46	238.13
* 51.000	211.00	.00	.00	701.10	1465.00	707.97	.00	708.23	27.81	4.89	921.16	277.80
* 51.000	211.00	.00	.00	701.10	2081.00	708.72	.00	708.93	22.66	4.83	1499.49	437.18
51.500	243.00	.00	.00	701.40	462.00	706.76	.00	706.89	17.27	3.01	277.41	111.17
51.500	243.00	.00	.00	701.40	654.00	707.39	.00	707.50	14.15	3.05	577.35	173.89
* 51.500	243.00	.00	.00	701.40	802.00	707.70	.00	707.80	13.40	3.12	772.42	219.06
* 51.500	243.00	.00	.00	701.40	1041.00	708.09	.00	708.19	13.12	3.27	1026.21	287.44
* 51.500	243.00	.00	.00	701.40	1243.00	708.35	.00	708.45	13.25	3.40	1226.64	341.44
* 51.500	243.00	.00	.00	701.40	1465.00	708.60	.00	708.70	13.48	3.55	1430.20	399.09
* 51.500	243.00	.00	.00	701.40	2081.00	709.25	.00	709.35	12.97	3.76	1995.64	577.75

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
52.000	250.00	.00	.00	701.70	462.00	707.15	.00	707.25	12.12	2.68	338.90	132.70
52.000	250.00	.00	.00	701.70	654.00	707.72	.00	707.81	11.25	2.84	589.80	194.97
52.000	250.00	.00	.00	701.70	802.00	708.01	.00	708.11	11.63	3.01	735.94	235.22
52.000	250.00	.00	.00	701.70	1041.00	708.40	.00	708.51	12.36	3.27	943.43	296.08
52.000	250.00	.00	.00	701.70	1243.00	708.67	.00	708.78	12.98	3.47	1102.76	345.00
52.000	250.00	.00	.00	701.70	1465.00	708.92	.00	709.04	13.51	3.65	1273.81	398.60
52.000	250.00	.00	.00	701.70	2081.00	709.56	.00	709.69	13.97	4.00	1751.26	556.85
52.500	254.00	.00	.00	702.05	462.00	707.50	.00	707.58	13.14	2.63	453.63	127.46
52.500	254.00	.00	.00	702.05	654.00	708.04	.00	708.11	11.18	2.68	725.62	195.60
52.500	254.00	.00	.00	702.05	802.00	708.34	.00	708.41	11.08	2.80	882.36	240.95
52.500	254.00	.00	.00	702.05	1041.00	708.74	.00	708.81	11.04	2.97	1110.76	313.37
52.500	254.00	.00	.00	702.05	1243.00	709.03	.00	709.10	11.29	3.12	1275.35	369.96
52.500	254.00	.00	.00	702.05	1465.00	709.29	.00	709.37	11.70	3.29	1438.36	428.32
52.500	254.00	.00	.00	702.05	2081.00	709.95	.00	710.03	12.40	3.67	1872.14	591.08
53.000	249.00	.00	.00	702.40	462.00	707.83	.00	707.96	15.52	3.06	214.10	117.28
53.000	249.00	.00	.00	702.40	654.00	708.33	.00	708.52	19.05	3.69	269.27	149.84
53.000	249.00	.00	.00	702.40	802.00	708.63	.00	708.87	21.91	4.14	308.14	171.33
* 53.000	249.00	.00	.00	702.40	1041.00	709.03	.00	709.32	25.24	4.71	428.27	207.19
* 53.000	249.00	.00	.00	702.40	1243.00	709.32	.00	709.64	27.22	5.08	527.44	238.27
* 53.000	249.00	.00	.00	702.40	1465.00	709.59	.00	709.95	29.26	5.44	628.52	270.82
* 53.000	249.00	.00	.00	702.40	2081.00	710.26	.00	710.66	32.34	6.17	912.25	365.95
53.500	183.00	.00	.00	702.66	462.00	708.14	.00	708.19	8.22	2.21	556.23	161.13
* 53.500	183.00	.00	.00	702.66	654.00	708.73	.00	708.78	7.63	2.34	784.06	236.82
* 53.500	183.00	.00	.00	702.66	802.00	709.09	.00	709.14	7.54	2.46	932.16	292.03
* 53.500	183.00	.00	.00	702.66	1041.00	709.57	.00	709.63	7.76	2.67	1135.46	373.72
* 53.500	183.00	.00	.00	702.66	1243.00	709.91	.00	709.97	8.08	2.84	1284.51	437.17
* 53.500	183.00	.00	.00	702.66	1465.00	710.23	.00	710.30	8.46	3.02	1440.04	503.80
* 53.500	183.00	.00	.00	702.66	2081.00	710.97	.00	711.05	9.32	3.43	1890.84	681.66
54.000	184.00	.00	.00	702.91	462.00	708.29	.00	708.34	8.41	2.21	567.00	159.28
54.000	184.00	.00	.00	702.91	654.00	708.87	.00	708.92	7.92	2.37	784.85	232.32
54.000	184.00	.00	.00	702.91	802.00	709.23	.00	709.28	7.87	2.49	926.52	285.92
54.000	184.00	.00	.00	702.91	1041.00	709.72	.00	709.77	8.10	2.70	1121.97	365.86
54.000	184.00	.00	.00	702.91	1243.00	710.06	.00	710.12	8.42	2.88	1263.94	428.30
54.000	184.00	.00	.00	702.91	1465.00	710.39	.00	710.45	8.79	3.06	1424.84	494.21
54.000	184.00	.00	.00	702.91	2081.00	711.15	.00	711.23	9.51	3.46	1924.46	674.94
55.000	72.00	.00	.00	703.01	462.00	708.36	.00	708.42	11.60	2.50	512.59	135.65
55.000	72.00	.00	.00	703.01	654.00	708.93	.00	708.99	10.34	2.61	725.25	203.41
55.000	72.00	.00	.00	703.01	802.00	709.29	.00	709.35	10.01	2.72	860.32	253.51
55.000	72.00	.00	.00	703.01	1041.00	709.78	.00	709.84	10.06	2.93	1040.49	328.16
55.000	72.00	.00	.00	703.01	1243.00	710.12	.00	710.19	10.36	3.11	1168.62	386.23
55.000	72.00	.00	.00	703.01	1465.00	710.45	.00	710.53	10.71	3.29	1311.75	447.57
55.000	72.00	.00	.00	703.01	2081.00	711.22	.00	711.31	11.63	3.74	1729.93	610.21

	SECHD	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
*	56.000	63.00	.00	.00	703.10	462.00	708.36	.00	708.61	20.76	4.12	163.59	101.40
*	56.000	63.00	.00	.00	703.10	654.00	708.91	.00	709.20	21.84	4.68	252.83	139.94
*	56.000	63.00	.00	.00	703.10	802.00	709.26	.00	709.56	21.40	4.91	328.46	173.36
*	56.000	63.00	.00	.00	703.10	1041.00	709.74	.00	710.06	21.22	5.25	430.59	225.98
*	56.000	63.00	.00	.00	703.10	1243.00	710.08	.00	710.41	21.48	5.53	503.45	268.19
*	56.000	63.00	.00	.00	703.10	1465.00	710.41	.00	710.76	21.75	5.81	598.88	314.16
*	56.000	63.00	.00	.00	703.10	2081.00	711.19	.00	711.53	20.61	6.19	985.64	458.36
*	57.000	50.00	.00	.00	703.20	462.00	708.61	.00	708.69	3.95	2.30	200.71	232.51
*	57.000	50.00	.00	.00	703.20	654.00	709.16	.00	709.29	5.45	2.91	224.42	280.06
*	57.000	50.00	.00	.00	703.20	802.00	709.48	.00	709.66	6.73	3.37	238.08	309.06
*	57.000	50.00	.00	.00	703.20	1041.00	710.00	.00	710.16	6.11	3.41	547.29	421.18
*	57.000	50.00	.00	.00	703.20	1243.00	710.42	.00	710.53	4.80	3.16	978.55	567.15
*	57.000	50.00	.00	.00	703.20	1465.00	710.76	.00	710.88	4.94	3.32	1160.21	659.10
*	57.000	50.00	.00	.00	703.20	2081.00	711.51	.00	711.64	5.47	3.74	1570.25	889.75
	58.000	80.00	710.20	708.40	703.20	462.00	708.73	.00	708.81	3.62	2.24	206.01	242.84
	58.000	80.00	710.20	708.40	703.20	654.00	709.45	.00	709.57	4.57	2.76	236.67	306.00
	58.000	80.00	710.20	708.40	703.20	802.00	709.94	.00	710.09	5.17	3.11	257.73	352.72
	58.000	80.00	710.20	708.40	703.20	1041.00	710.77	.00	710.87	3.41	2.76	798.54	563.42
	58.000	80.00	710.20	708.40	703.20	1243.00	711.22	.00	711.28	2.46	2.44	1404.60	793.10
	58.000	80.00	710.20	708.40	703.20	1465.00	711.48	.00	711.55	2.78	2.66	1552.58	879.24
	58.000	80.00	710.20	708.40	703.20	2081.00	711.94	.00	712.04	4.00	3.32	1814.81	1040.01
*	59.000	780.00	.00	.00	703.70	462.00	708.96	.00	708.98	1.18	1.16	398.52	426.11
*	59.000	780.00	.00	.00	703.70	654.00	709.74	.00	709.77	1.36	1.37	476.46	560.64
*	59.000	780.00	.00	.00	703.70	802.00	710.29	.00	710.33	1.58	1.50	533.13	637.54
*	59.000	780.00	.00	.00	703.70	1041.00	711.07	.00	711.11	2.41	1.61	647.88	670.49
*	59.000	780.00	.00	.00	703.70	1243.00	711.43	.00	711.48	2.58	1.75	708.68	773.53
*	59.000	780.00	.00	.00	703.70	1465.00	711.72	.00	711.77	2.91	1.93	757.18	859.36
*	59.000	780.00	.00	.00	703.70	2081.00	712.26	.00	712.35	4.07	2.45	849.78	1031.64
	59.300	130.00	726.40	725.10	703.70	462.00	708.96	.00	708.98	1.17	1.16	398.61	426.27
	59.300	130.00	726.40	725.10	703.70	654.00	709.74	.00	709.77	1.36	1.37	476.60	560.90
	59.300	130.00	726.40	725.10	703.70	802.00	710.29	.00	710.33	1.58	1.50	533.31	637.48
	59.300	130.00	726.40	725.10	703.70	1041.00	711.07	.00	711.11	2.41	1.61	648.18	670.97
	59.300	130.00	726.40	725.10	703.70	1243.00	711.43	.00	711.48	2.58	1.75	709.03	774.14
	59.300	130.00	726.40	725.10	703.70	1465.00	711.72	.00	711.78	2.90	1.93	757.65	860.20
	59.300	130.00	726.40	725.10	703.70	2081.00	712.26	.00	712.36	4.06	2.45	850.57	1033.14
	59.600	98.00	.00	.00	703.70	462.00	708.97	.00	708.99	.77	.99	465.97	526.20
	59.600	98.00	.00	.00	703.70	654.00	709.76	.00	709.78	.94	1.19	550.70	674.95
	59.600	98.00	.00	.00	703.70	802.00	710.32	.00	710.34	1.03	1.31	612.51	791.58
*	59.600	98.00	.00	.00	703.70	1041.00	711.10	.00	711.12	.94	1.36	1077.73	1074.66
*	59.600	98.00	.00	.00	703.70	1243.00	711.48	.00	711.50	.84	1.34	1489.29	1359.87
*	59.600	98.00	.00	.00	703.70	1465.00	711.78	.00	711.80	.80	1.35	1822.65	1641.44
*	59.600	98.00	.00	.00	703.70	2081.00	712.37	.00	712.39	.80	1.43	2494.49	2319.64

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
60.000	40.00	710.40	709.10	703.70	462.00	708.98	.00	708.99	.77	.99	466.59	527.24
60.000	40.00	710.40	709.10	703.70	654.00	709.79	.00	709.81	.92	1.18	554.32	681.53
60.000	40.00	710.40	709.10	703.70	802.00	710.36	.00	710.39	1.00	1.30	618.40	803.79
60.000	40.00	710.40	709.10	703.70	1041.00	711.20	.00	711.22	.83	1.29	1188.01	1143.41
60.000	40.00	710.40	709.10	703.70	1243.00	711.63	.00	711.65	.68	1.23	1665.93	1503.98
60.000	40.00	710.40	709.10	703.70	1465.00	712.01	.00	712.02	.60	1.20	2081.70	1886.70
60.000	40.00	710.40	709.10	703.70	2081.00	712.82	.00	712.83	.50	1.17	3021.41	2944.67
* 61.000	29.00	.00	.00	703.71	462.00	708.96	.00	709.02	7.25	2.30	282.91	171.61
* 61.000	29.00	.00	.00	703.71	654.00	709.78	.00	709.82	3.71	1.93	451.45	339.64
* 61.000	29.00	.00	.00	703.71	802.00	710.36	.00	710.40	2.72	1.82	568.89	486.19
* 61.000	29.00	.00	.00	703.71	1041.00	711.19	.00	711.23	1.99	1.74	739.84	737.38
* 61.000	29.00	.00	.00	703.71	1243.00	711.62	.00	711.66	1.97	1.83	828.85	884.49
* 61.000	29.00	.00	.00	703.71	1465.00	711.99	.00	712.04	2.07	1.96	904.50	1017.74
* 61.000	29.00	.00	.00	703.71	2081.00	712.80	.00	712.86	2.45	2.31	1067.34	1328.86
* 62.000	56.00	.00	.00	703.72	462.00	709.02	.00	709.05	3.98	1.77	415.08	231.49
* 62.000	56.00	.00	.00	703.72	654.00	709.83	.00	709.84	1.77	1.37	693.27	491.63
* 62.000	56.00	.00	.00	703.72	802.00	710.40	.00	710.41	1.21	1.24	891.36	728.67
* 62.000	56.00	.00	.00	703.72	1041.00	711.23	.00	711.24	.83	1.15	1179.25	1140.78
* 62.000	56.00	.00	.00	703.72	1243.00	711.66	.00	711.67	.81	1.19	1329.45	1385.16
* 62.000	56.00	.00	.00	703.72	1465.00	712.04	.00	712.05	.82	1.26	1460.02	1613.02
* 62.000	56.00	.00	.00	703.72	2081.00	712.85	.00	712.88	.93	1.45	1743.59	2154.92
63.000	145.00	.00	.00	703.76	462.00	709.08	.00	709.11	3.14	1.64	486.39	260.62
63.000	145.00	.00	.00	703.76	654.00	709.85	.00	709.87	1.30	1.21	843.43	572.56
63.000	145.00	.00	.00	703.76	802.00	710.42	.00	710.43	.85	1.06	1103.30	868.71
63.000	145.00	.00	.00	703.76	1041.00	711.24	.00	711.25	.56	.96	1481.29	1390.09
63.000	145.00	.00	.00	703.76	1243.00	711.68	.00	711.68	.53	.98	1680.32	1704.34
63.000	145.00	.00	.00	703.76	1465.00	712.05	.00	712.06	.54	1.03	1853.75	1999.14
63.000	145.00	.00	.00	703.76	2081.00	712.87	.00	712.89	.59	1.17	2231.29	2705.15
* 64.000	182.00	.00	.00	703.84	462.00	709.14	.00	709.19	5.91	2.32	619.87	190.05
* 64.000	182.00	.00	.00	703.84	654.00	709.88	.00	709.91	3.31	1.97	1104.47	359.68
* 64.000	182.00	.00	.00	703.84	802.00	710.43	.00	710.45	2.34	1.79	1470.12	524.61
* 64.000	182.00	.00	.00	703.84	1041.00	711.25	.00	711.27	1.62	1.65	2010.32	818.96
* 64.000	182.00	.00	.00	703.84	1243.00	711.69	.00	711.70	1.55	1.70	2295.97	997.11
* 64.000	182.00	.00	.00	703.84	1465.00	712.06	.00	712.08	1.58	1.79	2545.28	1164.56
* 64.000	182.00	.00	.00	703.84	2081.00	712.89	.00	712.91	1.77	2.04	3088.70	1566.32
65.000	85.00	.00	.00	703.89	462.00	709.18	.00	709.23	5.23	2.29	600.22	201.95
65.000	85.00	.00	.00	703.89	654.00	709.90	.00	709.93	2.63	1.82	1140.52	403.26
65.000	85.00	.00	.00	703.89	802.00	710.45	.00	710.47	1.75	1.60	1552.46	606.92
65.000	85.00	.00	.00	703.89	1041.00	711.27	.00	711.28	1.13	1.42	2163.85	978.24
65.000	85.00	.00	.00	703.89	1243.00	711.70	.00	711.71	1.06	1.45	2488.27	1205.93
65.000	85.00	.00	.00	703.89	1465.00	712.08	.00	712.09	1.06	1.50	2771.67	1421.15
65.000	85.00	.00	.00	703.89	2081.00	712.90	.00	712.92	1.15	1.69	3389.92	1940.75

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
66.000	178.00	.00	.00	703.96	462.00	709.27	.00	709.34	6.31	2.58	511.25	183.92
66.000	178.00	.00	.00	703.96	654.00	709.95	.00	709.98	3.15	2.02	1084.54	368.20
66.000	178.00	.00	.00	703.96	802.00	710.48	.00	710.50	1.93	1.70	1594.95	577.43
66.000	178.00	.00	.00	703.96	1041.00	711.29	.00	711.30	1.09	1.40	2435.51	998.71
66.000	178.00	.00	.00	703.96	1243.00	711.72	.00	711.73	.95	1.37	2913.93	1276.51
66.000	178.00	.00	.00	703.96	1465.00	712.10	.00	712.11	.89	1.38	3344.88	1548.92
66.000	178.00	.00	.00	703.96	2081.00	712.93	.00	712.94	.87	1.47	4291.16	2232.40
67.000	80.00	.00	.00	704.00	462.00	709.31	.00	709.39	6.03	2.58	467.96	188.16
67.000	80.00	.00	.00	704.00	654.00	709.97	.00	710.01	3.84	2.27	905.34	333.66
67.000	80.00	.00	.00	704.00	802.00	710.49	.00	710.52	2.54	1.97	1296.69	503.65
67.000	80.00	.00	.00	704.00	1041.00	711.29	.00	711.31	1.54	1.68	1925.17	838.37
67.000	80.00	.00	.00	704.00	1243.00	711.72	.00	711.74	1.39	1.67	2282.93	1056.02
67.000	80.00	.00	.00	704.00	1465.00	712.10	.00	712.12	1.34	1.70	2607.03	1267.70
67.000	80.00	.00	.00	704.00	2081.00	712.93	.00	712.95	1.34	1.83	3339.82	1800.99
67.500	247.00	.00	.00	704.15	462.00	709.47	.00	709.57	8.43	2.85	429.49	159.15
67.500	247.00	.00	.00	704.15	654.00	710.07	.00	710.12	4.85	2.38	877.53	296.94
67.500	247.00	.00	.00	704.15	802.00	710.56	.00	710.59	3.01	2.01	1307.74	462.33
67.500	247.00	.00	.00	704.15	1041.00	711.33	.00	711.35	1.65	1.65	2022.76	809.63
67.500	247.00	.00	.00	704.15	1243.00	711.76	.00	711.77	1.41	1.60	2434.05	1045.56
67.500	247.00	.00	.00	704.15	1465.00	712.14	.00	712.15	1.31	1.60	2804.95	1278.05
67.500	247.00	.00	.00	704.15	2081.00	712.97	.00	712.98	1.24	1.69	3648.15	1867.27
68.000	255.00	.00	.00	704.30	462.00	709.68	.00	709.72	3.82	1.97	663.74	236.24
68.000	255.00	.00	.00	704.30	654.00	710.19	.00	710.22	3.02	1.90	1043.77	376.09
68.000	255.00	.00	.00	704.30	802.00	710.64	.00	710.65	2.18	1.72	1451.82	543.74
68.000	255.00	.00	.00	704.30	1041.00	711.37	.00	711.38	1.24	1.43	2197.49	935.47
68.000	255.00	.00	.00	704.30	1243.00	711.80	.00	711.80	1.06	1.39	2644.84	1205.96
68.000	255.00	.00	.00	704.30	1465.00	712.17	.00	712.18	.99	1.40	3056.85	1474.96
68.000	255.00	.00	.00	704.30	2081.00	713.00	.00	713.01	.92	1.47	4010.84	2167.62
68.500	249.00	.00	.00	704.45	462.00	709.79	.00	709.85	6.63	2.43	498.56	179.42
68.500	249.00	.00	.00	704.45	654.00	710.27	.00	710.31	4.52	2.19	898.00	307.67
68.500	249.00	.00	.00	704.45	802.00	710.70	.00	710.72	2.97	1.90	1307.01	465.44
68.500	249.00	.00	.00	704.45	1041.00	711.41	.00	711.42	1.60	1.54	2034.93	822.20
68.500	249.00	.00	.00	704.45	1243.00	711.82	.00	711.83	1.33	1.48	2477.33	1079.33
68.500	249.00	.00	.00	704.45	1465.00	712.20	.00	712.21	1.20	1.47	2884.47	1338.57
68.500	249.00	.00	.00	704.45	2081.00	713.02	.00	713.03	1.07	1.51	3832.73	2010.73
69.000	256.00	.00	.00	704.60	462.00	709.96	.00	709.99	4.23	1.88	637.62	224.59
69.000	256.00	.00	.00	704.60	654.00	710.40	.00	710.42	3.84	1.91	924.46	333.95
69.000	256.00	.00	.00	704.60	802.00	710.78	.00	710.80	3.03	1.79	1233.43	461.03
69.000	256.00	.00	.00	704.60	1041.00	711.45	.00	711.47	1.76	1.52	1912.85	784.36
69.000	256.00	.00	.00	704.60	1243.00	711.86	.00	711.87	1.46	1.46	2365.81	1027.94
69.000	256.00	.00	.00	704.60	1465.00	712.23	.00	712.24	1.31	1.45	2799.67	1277.64
69.000	256.00	.00	.00	704.60	2081.00	713.05	.00	713.06	1.14	1.49	3849.16	1946.07

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CVSEL	CRWS	EG	10*KS	VCH	AREA	.01K
69.500	254.00	.00	.00	704.75	462.00	710.08	.00	710.12	5.93	2.03	406.03	189.73
69.500	254.00	.00	.00	704.75	654.00	710.50	.00	710.53	4.78	1.97	647.28	299.12
69.500	254.00	.00	.00	704.75	802.00	710.86	.00	710.88	3.60	1.81	885.54	422.59
69.500	254.00	.00	.00	704.75	1041.00	711.50	.00	711.51	1.88	1.44	1522.20	759.12
69.500	254.00	.00	.00	704.75	1243.00	711.90	.00	711.91	1.40	1.31	1980.03	1051.43
69.500	254.00	.00	.00	704.75	1465.00	712.26	.00	712.27	1.14	1.24	2418.61	1369.30
69.500	254.00	.00	.00	704.75	2081.00	713.08	.00	713.09	.85	1.17	3451.89	2251.87
70.000	250.00	.00	.00	704.90	462.00	710.21	.00	710.23	3.21	1.56	567.54	258.00
70.000	250.00	.00	.00	704.90	654.00	710.61	.00	710.63	2.90	1.59	852.93	384.06
70.000	250.00	.00	.00	704.90	802.00	710.94	.00	710.96	2.23	1.47	1137.55	537.44
70.000	250.00	.00	.00	704.90	1041.00	711.54	.00	711.55	1.34	1.24	1700.13	898.29
70.000	250.00	.00	.00	704.90	1243.00	711.93	.00	711.94	1.09	1.18	2096.78	1188.34
70.000	250.00	.00	.00	704.90	1465.00	712.29	.00	712.30	.96	1.15	2485.16	1495.42
70.000	250.00	.00	.00	704.90	2081.00	713.10	.00	713.11	.79	1.14	3433.63	2348.49
70.300	180.00	.00	.00	705.04	462.00	710.25	.00	710.30	3.79	2.33	660.47	237.42
70.300	180.00	.00	.00	705.04	654.00	710.65	.00	710.70	4.28	2.60	914.61	316.28
70.300	180.00	.00	.00	705.04	802.00	710.97	.00	711.02	4.14	2.67	1135.59	393.95
* 70.300	180.00	.00	.00	705.04	1041.00	711.56	.00	711.60	3.29	2.54	1613.84	574.26
* 70.300	180.00	.00	.00	705.04	1243.00	711.94	.00	711.98	3.02	2.54	1929.76	715.42
* 70.300	180.00	.00	.00	705.04	1465.00	712.30	.00	712.33	2.91	2.58	2220.01	858.99
* 70.300	180.00	.00	.00	705.04	2081.00	713.11	.00	713.14	2.85	2.75	2883.82	1232.73
70.600	200.00	.00	.00	705.20	179.00	710.33	.00	710.34	.60	.81	608.90	231.10
70.600	200.00	.00	.00	705.20	299.00	710.74	.00	710.75	.89	1.05	878.45	316.77
70.600	200.00	.00	.00	705.20	388.00	711.06	.00	711.07	.93	1.13	1126.82	402.72
70.600	200.00	.00	.00	705.20	506.00	711.63	.00	711.63	.74	1.08	1604.79	588.68
70.600	200.00	.00	.00	705.20	599.00	712.00	.00	712.01	.67	1.08	1936.40	733.50
70.600	200.00	.00	.00	705.20	695.00	712.36	.00	712.36	.61	1.07	2264.68	889.50
70.600	200.00	.00	.00	705.20	931.00	713.16	.00	713.17	.51	1.07	3042.07	1304.87
71.000	189.00	.00	.00	705.30	179.00	710.35	.00	710.35	.72	.84	653.12	211.11
71.000	189.00	.00	.00	705.30	299.00	710.76	.00	710.77	1.09	1.11	852.68	286.01
71.000	189.00	.00	.00	705.30	388.00	711.08	.00	711.09	1.18	1.21	1037.60	356.75
71.000	189.00	.00	.00	705.30	506.00	711.64	.00	711.65	.98	1.20	1440.00	510.52
71.000	189.00	.00	.00	705.30	599.00	712.02	.00	712.03	.89	1.20	1755.68	635.50
71.000	189.00	.00	.00	705.30	695.00	712.37	.00	712.38	.82	1.20	2083.12	769.31
71.000	189.00	.00	.00	705.30	931.00	713.17	.00	713.18	.64	1.16	2983.94	1162.47
71.500	252.00	.00	.00	705.45	179.00	710.37	.00	710.38	.95	.87	616.70	183.77
71.500	252.00	.00	.00	705.45	299.00	710.79	.00	710.80	1.18	1.06	920.10	274.92
71.500	252.00	.00	.00	705.45	388.00	711.11	.00	711.12	1.16	1.11	1161.33	360.33
71.500	252.00	.00	.00	705.45	506.00	711.67	.00	711.67	.88	1.06	1584.55	539.35
71.500	252.00	.00	.00	705.45	599.00	712.04	.00	712.05	.78	1.05	1886.21	679.26
71.500	252.00	.00	.00	705.45	695.00	712.39	.00	712.40	.71	1.05	2184.12	826.03
71.500	252.00	.00	.00	705.45	931.00	713.19	.00	713.19	.58	1.05	2925.02	1217.75

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
72.000	248.00	.00	.00	705.60	179.00	710.39	.00	710.40	1.21	1.14	576.70	162.63
72.000	248.00	.00	.00	705.60	299.00	710.82	.00	710.83	1.63	1.41	798.05	234.32
72.000	248.00	.00	.00	705.60	388.00	711.14	.00	711.15	1.67	1.49	969.58	300.02
72.000	248.00	.00	.00	705.60	506.00	711.69	.00	711.70	1.37	1.46	1265.55	431.58
72.000	248.00	.00	.00	705.60	599.00	712.06	.00	712.07	1.26	1.46	1486.80	533.27
72.000	248.00	.00	.00	705.60	695.00	712.41	.00	712.42	1.17	1.46	1742.57	642.20
72.000	248.00	.00	.00	705.60	931.00	713.21	.00	713.21	.95	1.42	2480.41	956.02
73.000	291.00	.00	.00	705.77	179.00	710.43	.00	710.44	1.33	.98	251.13	155.41
73.000	291.00	.00	.00	705.77	299.00	710.87	.00	710.89	2.10	1.35	334.98	206.32
73.000	291.00	.00	.00	705.77	388.00	711.19	.00	711.22	2.44	1.55	396.40	248.47
73.000	291.00	.00	.00	705.77	506.00	711.73	.00	711.77	2.37	1.67	500.79	328.69
73.000	291.00	.00	.00	705.77	599.00	712.10	.00	712.14	2.34	1.76	616.78	391.30
73.000	291.00	.00	.00	705.77	695.00	712.44	.00	712.48	2.26	1.82	761.12	461.84
73.000	291.00	.00	.00	705.77	931.00	713.23	.00	713.27	1.93	1.85	1235.54	669.97
74.000	141.00	.00	.00	705.84	179.00	710.44	.00	710.46	.91	1.01	177.68	187.54
74.000	141.00	.00	.00	705.84	299.00	710.89	.00	710.93	1.80	1.52	196.95	222.65
74.000	141.00	.00	.00	705.84	388.00	711.21	.00	711.27	2.42	1.84	210.87	249.49
74.000	141.00	.00	.00	705.84	506.00	711.75	.00	711.82	2.90	2.16	234.09	296.93
74.000	141.00	.00	.00	705.84	599.00	712.13	.00	712.17	1.89	1.82	842.65	435.16
74.000	141.00	.00	.00	705.84	695.00	712.48	.00	712.51	1.77	1.83	1051.75	521.81
74.000	141.00	.00	.00	705.84	931.00	713.26	.00	713.29	1.47	1.81	1575.08	767.93
*	75.000	6.00	711.90	712.70	705.87	710.42	.00	710.48	3.16	2.07	86.41	100.71
*	75.000	6.00	711.90	712.70	705.87	710.83	.00	710.99	6.59	3.17	94.28	116.45
*	75.000	6.00	711.90	712.70	705.87	711.12	.00	711.36	9.17	3.89	99.84	128.13
*	75.000	6.00	711.90	712.70	705.87	711.62	.00	711.96	11.53	4.63	109.32	149.04
*	75.000	6.00	711.90	712.70	705.87	711.94	.00	712.36	13.50	5.19	115.91	163.02
*	75.000	6.00	711.90	712.70	705.87	712.24	709.33	712.75	15.34	5.72	137.53	177.48
*	75.000	6.00	711.90	712.70	705.87	713.04	710.06	713.52	39.92	6.08	328.45	147.35
*	76.000	102.00	.00	.00	705.91	710.51	.00	710.51	.51	.66	310.43	251.79
*	76.000	102.00	.00	.00	705.91	711.04	.00	711.05	.82	.93	397.89	329.85
*	76.000	102.00	.00	.00	705.91	711.43	.00	711.45	.97	1.07	462.82	394.51
*	76.000	102.00	.00	.00	705.91	712.05	.00	712.07	.99	1.19	596.12	509.05
*	76.000	102.00	.00	.00	705.91	712.48	.00	712.50	.98	1.25	756.30	605.14
*	76.000	102.00	.00	.00	705.91	712.90	.00	712.92	.95	1.29	976.22	714.55
*	76.000	102.00	.00	.00	705.91	713.67	.00	713.69	.89	1.36	1533.88	985.60
76.500	246.00	.00	.00	706.05	179.00	710.52	.00	710.52	.38	.61	349.89	289.83
76.500	246.00	.00	.00	706.05	299.00	711.06	.00	711.07	.61	.84	546.27	383.96
76.500	246.00	.00	.00	706.05	388.00	711.46	.00	711.47	.67	.94	727.96	472.84
76.500	246.00	.00	.00	706.05	506.00	712.08	.00	712.10	.62	.98	1053.90	644.26
76.500	246.00	.00	.00	706.05	599.00	712.51	.00	712.53	.58	1.00	1314.04	785.90
76.500	246.00	.00	.00	706.05	695.00	712.93	.00	712.94	.54	1.02	1584.72	941.78
76.500	246.00	.00	.00	706.05	931.00	713.70	.00	713.71	.53	1.08	2120.44	1280.61

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
77.000	240.00	.00	.00	706.20	179.00	710.53	.00	710.53	.35	.57	403.12	301.04
77.000	240.00	.00	.00	706.20	299.00	711.07	.00	711.08	.54	.77	647.73	407.89
77.000	240.00	.00	.00	706.20	388.00	711.47	.00	711.48	.58	.85	869.75	510.59
77.000	240.00	.00	.00	706.20	506.00	712.10	.00	712.11	.51	.88	1265.81	707.40
77.000	240.00	.00	.00	706.20	599.00	712.53	.00	712.54	.48	.89	1572.05	868.47
77.000	240.00	.00	.00	706.20	695.00	712.94	.00	712.95	.44	.90	1888.73	1049.82
77.000	240.00	.00	.00	706.20	931.00	713.71	.00	713.72	.42	.95	2505.88	1442.48
77.500	267.00	.00	.00	706.35	179.00	710.54	.00	710.55	.54	.72	271.81	243.44
77.500	267.00	.00	.00	706.35	299.00	711.09	.00	711.10	.88	1.01	414.27	319.45
77.500	267.00	.00	.00	706.35	388.00	711.49	.00	711.51	.95	1.13	628.94	397.42
77.500	267.00	.00	.00	706.35	506.00	712.11	.00	712.13	.83	1.14	988.93	556.34
77.500	267.00	.00	.00	706.35	599.00	712.54	.00	712.56	.76	1.15	1246.13	688.98
77.500	267.00	.00	.00	706.35	695.00	712.96	.00	712.97	.69	1.16	1501.07	833.99
77.500	267.00	.00	.00	706.35	931.00	713.73	.00	713.74	.66	1.22	1986.95	1146.38
78.000	247.00	.00	.00	706.50	179.00	710.55	.00	710.56	.78	.73	245.41	202.96
78.000	247.00	.00	.00	706.50	299.00	711.11	.00	711.13	1.11	.98	400.25	284.24
78.000	247.00	.00	.00	706.50	388.00	711.52	.00	711.53	1.16	1.08	532.21	359.64
78.000	247.00	.00	.00	706.50	506.00	712.14	.00	712.15	1.03	1.13	756.58	498.91
78.000	247.00	.00	.00	706.50	599.00	712.56	.00	712.58	.96	1.16	925.38	610.47
78.000	247.00	.00	.00	706.50	695.00	712.97	.00	712.99	.90	1.19	1097.12	732.75
78.000	247.00	.00	.00	706.50	931.00	713.74	.00	713.76	.88	1.29	1429.01	993.32
79.000	336.00	.00	.00	706.70	179.00	710.58	.00	710.59	.78	.82	218.43	202.98
79.000	336.00	.00	.00	706.70	299.00	711.15	.00	711.17	1.24	1.15	301.14	268.64
79.000	336.00	.00	.00	706.70	388.00	711.55	.00	711.58	1.44	1.32	362.41	323.05
79.000	336.00	.00	.00	706.70	506.00	712.17	.00	712.20	1.48	1.47	457.07	415.89
79.000	336.00	.00	.00	706.70	599.00	712.59	.00	712.63	1.51	1.57	523.53	486.66
79.000	336.00	.00	.00	706.70	695.00	713.00	.00	713.04	1.54	1.66	590.30	560.29
79.000	336.00	.00	.00	706.70	931.00	713.77	.00	713.82	1.71	1.90	725.66	712.61
* 79.300	50.00	.00	.00	706.80	179.00	710.57	.00	710.61	6.00	1.53	117.14	73.09
* 79.300	50.00	.00	.00	706.80	299.00	711.14	.00	711.20	6.77	1.94	154.49	114.95
* 79.300	50.00	.00	.00	706.80	388.00	711.55	.00	711.62	6.70	2.14	181.19	149.94
* 79.300	50.00	.00	.00	706.80	506.00	712.16	.00	712.24	5.82	2.28	221.66	209.81
* 79.300	50.00	.00	.00	706.80	599.00	712.58	.00	712.67	5.54	2.41	248.83	254.39
* 79.300	50.00	.00	.00	706.80	695.00	712.98	.00	713.08	5.31	2.52	275.59	301.62
* 79.300	50.00	.00	.00	706.80	931.00	713.74	.00	713.87	5.47	2.86	325.59	398.23
* 79.600	120.00	721.00	715.90	706.80	179.00	710.64	.00	710.66	2.29	1.08	165.50	118.26
* 79.600	120.00	721.00	715.90	706.80	299.00	711.23	.00	711.26	3.28	1.40	212.82	165.03
79.600	120.00	721.00	715.90	706.80	388.00	711.65	.00	711.68	3.62	1.55	249.53	283.83
79.600	120.00	721.00	715.90	706.80	506.00	712.26	.00	712.30	3.48	1.63	309.55	271.38
79.600	120.00	721.00	715.90	706.80	599.00	712.69	.00	712.73	3.32	1.69	355.01	328.64
79.600	120.00	721.00	715.90	706.80	695.00	713.10	.00	713.15	3.01	1.74	399.64	400.34
79.600	120.00	721.00	715.90	706.80	931.00	713.88	.00	713.94	2.85	1.92	484.55	551.94

	SECCO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
*	80.000	202.00	.00	.00	706.80	179.00	710.69	.00	710.76	7.30	1.99	94.66	66.24
*	80.000	202.00	.00	.00	706.80	299.00	711.30	.00	711.40	8.86	2.55	151.83	100.47
*	80.000	202.00	.00	.00	706.80	388.00	711.72	.00	711.83	9.06	2.81	193.64	128.94
*	80.000	202.00	.00	.00	706.80	506.00	712.33	.00	712.45	8.17	2.97	258.33	177.04
*	80.000	202.00	.00	.00	706.80	599.00	712.74	.00	712.87	7.76	3.09	305.83	215.06
*	80.000	202.00	.00	.00	706.80	695.00	713.15	.00	713.28	7.42	3.20	353.08	255.12
*	80.000	202.00	.00	.00	706.80	931.00	713.92	.00	714.07	7.44	3.53	448.27	341.38
	81.000	80.00	.00	.00	706.90	179.00	710.75	.00	710.82	7.80	2.01	89.18	64.09
	81.000	80.00	.00	.00	706.90	299.00	711.38	.00	711.48	10.66	2.53	148.54	91.58
	81.000	80.00	.00	.00	706.90	388.00	711.81	.00	711.91	10.71	2.64	207.97	118.55
	81.000	80.00	.00	.00	706.90	506.00	712.43	.00	712.52	9.08	2.58	296.46	167.92
	81.000	80.00	.00	.00	706.90	599.00	712.86	.00	712.95	8.08	2.56	360.09	210.79
	81.000	80.00	.00	.00	706.90	695.00	713.27	.00	713.35	7.03	2.57	420.72	262.10
	81.000	80.00	.00	.00	706.90	931.00	714.05	.00	714.15	6.19	2.73	538.66	374.17
	82.000	141.00	.00	.00	706.80	179.00	710.87	.00	710.90	4.24	1.48	128.69	86.94
*	82.000	141.00	.00	.00	706.80	299.00	711.54	.00	711.59	4.75	1.85	193.43	137.24
*	82.000	141.00	.00	.00	706.80	388.00	711.96	.00	712.03	4.87	2.06	237.61	175.78
*	82.000	141.00	.00	.00	706.80	506.00	712.55	.00	712.62	4.53	2.22	303.03	237.65
*	82.000	141.00	.00	.00	706.80	599.00	712.96	.00	713.04	4.41	2.33	350.90	285.09
*	82.000	141.00	.00	.00	706.80	695.00	713.35	.00	713.43	4.36	2.45	399.58	332.90
*	82.000	141.00	.00	.00	706.80	931.00	714.13	.00	714.22	4.27	2.69	643.16	450.31
*	82.300	50.00	.00	.00	706.80	179.00	710.91	.00	710.92	.91	.83	216.82	187.65
*	82.300	50.00	.00	.00	706.80	299.00	711.59	.00	711.61	1.27	1.12	267.16	265.75
*	82.300	50.00	.00	.00	706.80	388.00	712.02	.00	712.05	1.45	1.29	299.82	322.08
*	82.300	50.00	.00	.00	706.80	506.00	712.61	.00	712.64	1.57	1.47	343.26	403.56
*	82.300	50.00	.00	.00	706.80	599.00	713.02	.00	713.06	1.66	1.60	373.58	464.69
*	82.300	50.00	.00	.00	706.80	695.00	713.41	.00	713.46	1.75	1.73	402.42	526.01
*	82.300	50.00	.00	.00	706.80	931.00	714.25	.00	714.25	.44	.95	2589.49	1402.52
	82.600	93.00	714.00	713.40	706.80	179.00	710.91	.00	710.92	.90	.82	217.50	188.63
	82.600	93.00	714.00	713.40	706.80	299.00	711.59	.00	711.61	1.26	1.12	267.76	266.74
	82.600	93.00	714.00	713.40	706.80	388.00	712.02	.00	712.05	1.45	1.29	299.92	322.27
	82.600	93.00	714.00	713.40	706.80	506.00	712.61	.00	712.65	1.57	1.47	343.39	403.80
	82.600	93.00	714.00	713.40	706.80	599.00	713.02	.00	713.06	1.66	1.60	373.73	465.01
	82.600	93.00	714.00	713.40	706.80	695.00	713.43	.00	713.48	1.72	1.72	403.97	529.39
	82.600	93.00	714.00	713.40	706.80	931.00	714.35	.00	714.36	.40	.93	2679.45	1464.00
*	83.000	20.00	.00	.00	706.81	179.00	710.89	.00	710.95	4.57	1.88	98.29	83.75
*	83.000	20.00	.00	.00	706.81	299.00	711.55	.00	711.65	6.63	2.57	127.27	116.12
*	83.000	20.00	.00	.00	706.81	388.00	711.98	.00	712.11	7.64	2.96	156.46	140.37
*	83.000	20.00	.00	.00	706.81	506.00	712.55	.00	712.71	8.02	3.30	200.90	178.63
*	83.000	20.00	.00	.00	706.81	599.00	712.96	.00	713.14	8.25	3.53	233.62	208.55
*	83.000	20.00	.00	.00	706.81	695.00	713.36	.00	713.56	8.32	3.73	267.64	240.98
*	83.000	20.00	.00	.00	706.81	931.00	714.24	.00	714.48	8.41	4.13	349.09	320.94

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
84.000	57.00	.00	.00	706.91	179.00	710.92	.00	710.98	5.35	1.83	100.60	77.42
84.000	57.00	.00	.00	706.91	299.00	711.62	.00	711.70	7.57	2.35	137.24	108.71
84.000	57.00	.00	.00	706.91	388.00	712.06	.00	712.16	8.29	2.59	167.32	134.76
84.000	57.00	.00	.00	706.91	506.00	712.66	.00	712.77	7.52	2.77	216.68	184.47
84.000	57.00	.00	.00	706.91	599.00	713.08	.00	713.20	7.13	2.89	254.81	224.30
84.000	57.00	.00	.00	706.91	695.00	713.50	.00	713.62	6.70	2.98	295.62	268.49
84.000	57.00	.00	.00	706.91	931.00	714.41	.00	714.54	5.97	3.17	404.61	380.90
85.000	117.00	.00	.00	707.00	179.00	710.98	.00	711.03	4.55	1.87	109.97	83.91
85.000	117.00	.00	.00	707.00	299.00	711.70	.00	711.78	5.54	2.37	177.84	126.99
85.000	117.00	.00	.00	707.00	388.00	712.16	.00	712.25	5.57	2.56	244.17	164.34
85.000	117.00	.00	.00	707.00	506.00	712.77	.00	712.85	4.74	2.58	354.45	232.42
85.000	117.00	.00	.00	707.00	599.00	713.20	.00	713.28	4.29	2.60	433.47	289.31
85.000	117.00	.00	.00	707.00	695.00	713.63	.00	713.70	3.89	2.60	511.92	352.52
85.000	117.00	.00	.00	707.00	931.00	714.55	.00	714.62	3.30	2.65	695.56	512.71
86.000	110.00	.00	.00	707.08	179.00	711.03	.00	711.09	4.69	1.89	103.19	82.62
86.000	110.00	.00	.00	707.08	299.00	711.76	.00	711.84	5.76	2.42	163.43	124.58
86.000	110.00	.00	.00	707.08	388.00	712.22	.00	712.31	5.77	2.61	230.83	161.51
86.000	110.00	.00	.00	707.08	506.00	712.82	.00	712.91	4.94	2.63	355.14	227.75
86.000	110.00	.00	.00	707.08	599.00	713.25	.00	713.32	4.32	2.60	464.20	288.33
86.000	110.00	.00	.00	707.08	695.00	713.68	.00	713.74	3.67	2.53	594.93	362.56
86.000	110.00	.00	.00	707.08	931.00	714.61	.00	714.65	2.63	2.36	931.32	573.58
87.000	223.00	.00	.00	707.23	179.00	711.14	.00	711.20	5.86	1.95	91.93	73.96
87.000	223.00	.00	.00	707.23	299.00	711.90	.00	712.00	8.07	2.53	119.76	105.25
87.000	223.00	.00	.00	707.23	388.00	712.35	.00	712.48	8.45	2.83	151.28	133.49
87.000	223.00	.00	.00	707.23	506.00	712.93	.00	713.06	7.93	3.03	219.36	179.63
87.000	223.00	.00	.00	707.23	599.00	713.33	.00	713.47	7.41	3.11	279.74	220.09
87.000	223.00	.00	.00	707.23	695.00	713.74	.00	713.87	6.79	3.15	365.59	266.68
87.000	223.00	.00	.00	707.23	931.00	714.64	.00	714.76	5.42	3.14	524.49	399.90
88.000	94.00	.00	.00	707.30	179.00	711.21	.00	711.29	14.07	2.33	76.77	47.72
88.000	94.00	.00	.00	707.30	299.00	711.99	.00	712.10	15.22	2.65	112.85	76.65
88.000	94.00	.00	.00	707.30	388.00	712.46	.00	712.58	15.24	2.80	138.52	99.39
88.000	94.00	.00	.00	707.30	506.00	713.05	.00	713.15	10.69	2.67	279.07	154.74
88.000	94.00	.00	.00	707.30	599.00	713.47	.00	713.54	7.45	2.44	434.34	219.45
88.000	94.00	.00	.00	707.30	695.00	713.88	.00	713.93	5.28	2.23	616.91	302.47
88.000	94.00	.00	.00	707.30	931.00	714.77	.00	714.80	2.76	1.86	1115.74	559.93
88.300	177.00	.00	.00	707.47	179.00	711.45	.00	711.56	15.71	2.65	67.65	45.16
88.300	177.00	.00	.00	707.47	299.00	712.25	.00	712.39	16.46	3.06	118.41	73.69
88.300	177.00	.00	.00	707.47	388.00	712.71	.00	712.83	13.58	3.02	199.24	105.27
88.300	177.00	.00	.00	707.47	506.00	713.24	.00	713.33	9.38	2.78	351.69	165.20
88.300	177.00	.00	.00	707.47	599.00	713.60	.00	713.67	7.32	2.63	467.70	221.33
88.300	177.00	.00	.00	707.47	695.00	713.97	.00	714.03	5.61	2.45	610.80	293.43
88.300	177.00	.00	.00	707.47	931.00	714.82	.00	714.86	3.38	2.16	972.95	506.64

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
88.600	179.00	.00	.00	707.64	179.00	711.73	.00	711.84	15.04	2.63	68.07	46.16
88.600	179.00	.00	.00	707.64	299.00	712.54	.00	712.66	13.17	2.85	152.95	82.41
88.600	179.00	.00	.00	707.64	388.00	712.96	.00	713.06	11.23	2.83	227.04	115.79
88.600	179.00	.00	.00	707.64	506.00	713.41	.00	713.50	9.87	2.83	315.60	161.09
88.600	179.00	.00	.00	707.64	599.00	713.74	.00	713.82	9.03	2.82	383.87	199.32
88.600	179.00	.00	.00	707.64	695.00	714.08	.00	714.15	7.84	2.77	466.92	248.16
88.600	179.00	.00	.00	707.64	931.00	714.88	.00	714.94	5.19	2.56	755.41	408.79
89.000	179.00	.00	.00	707.81	179.00	711.99	.00	712.09	13.29	2.55	70.07	49.10
89.000	179.00	.00	.00	707.81	299.00	712.77	.00	712.86	9.85	2.66	196.93	95.26
89.000	179.00	.00	.00	707.81	388.00	713.15	.00	713.23	8.55	2.67	284.93	132.69
89.000	179.00	.00	.00	707.81	506.00	713.58	.00	713.65	7.25	2.66	399.31	187.89
89.000	179.00	.00	.00	707.81	599.00	713.89	.00	713.95	6.56	2.66	486.54	233.90
89.000	179.00	.00	.00	707.81	695.00	714.21	.00	714.27	5.75	2.62	587.43	289.93
89.000	179.00	.00	.00	707.81	931.00	714.97	.00	715.01	4.04	2.43	902.41	463.10
89.500	261.00	.00	.00	708.06	179.00	712.33	.00	712.40	9.80	2.08	99.20	57.19
89.500	261.00	.00	.00	708.06	299.00	713.02	.00	713.07	6.15	2.00	250.87	120.52
89.500	261.00	.00	.00	708.06	388.00	713.37	.00	713.40	4.74	1.89	384.03	178.30
* 89.500	261.00	.00	.00	708.06	506.00	713.76	.00	713.79	3.55	1.78	555.49	268.60
* 89.500	261.00	.00	.00	708.06	599.00	714.05	.00	714.07	2.89	1.69	694.51	352.59
* 89.500	261.00	.00	.00	708.06	695.00	714.35	.00	714.37	2.36	1.61	839.55	452.44
* 89.500	261.00	.00	.00	708.06	931.00	715.07	.00	715.08	1.57	1.46	1191.15	744.10
* 90.000	256.00	.00	.00	708.30	179.00	712.55	.00	712.58	4.62	1.63	194.84	83.26
* 90.000	256.00	.00	.00	708.30	299.00	713.17	.00	713.19	2.93	1.50	394.52	174.56
90.000	256.00	.00	.00	708.30	388.00	713.48	.00	713.50	2.60	1.50	517.51	240.80
90.000	256.00	.00	.00	708.30	506.00	713.85	.00	713.86	2.28	1.50	678.82	335.46
90.000	256.00	.00	.00	708.30	599.00	714.12	.00	714.14	2.02	1.48	813.05	421.68
90.000	256.00	.00	.00	708.30	695.00	714.41	.00	714.42	1.75	1.44	954.61	525.95
90.000	256.00	.00	.00	708.30	931.00	715.11	.00	715.12	1.27	1.35	1299.78	826.24
* 91.000	257.00	.00	.00	708.40	179.00	712.70	.00	712.82	15.54	2.69	66.57	45.40
* 91.000	257.00	.00	.00	708.40	299.00	713.26	.00	713.41	18.40	3.25	136.17	69.70
* 91.000	257.00	.00	.00	708.40	388.00	713.56	.00	713.68	14.14	3.08	232.48	103.17
* 91.000	257.00	.00	.00	708.40	506.00	713.92	.00	714.00	10.06	2.80	364.09	159.54
* 91.000	257.00	.00	.00	708.40	599.00	714.19	.00	714.25	7.74	2.59	477.11	215.36
* 91.000	257.00	.00	.00	708.40	695.00	714.47	.00	714.51	5.89	2.38	607.53	286.45
* 91.000	257.00	.00	.00	708.40	931.00	715.15	.00	715.18	3.25	1.97	947.91	516.34
* 92.000	271.00	.00	.00	708.50	179.00	713.05	.00	713.09	6.35	1.80	124.74	71.01
* 92.000	271.00	.00	.00	708.50	299.00	713.65	.00	713.70	6.11	2.06	199.22	120.94
* 92.000	271.00	.00	.00	708.50	388.00	713.89	.00	713.95	7.16	2.35	229.00	145.04
92.000	271.00	.00	.00	708.50	506.00	714.17	.00	714.25	8.29	2.67	263.72	175.79
92.000	271.00	.00	.00	708.50	599.00	714.40	.00	714.49	8.70	2.86	292.20	203.02
92.000	271.00	.00	.00	708.50	695.00	714.63	.00	714.74	8.90	3.01	321.68	233.02
* 92.000	271.00	.00	.00	708.50	931.00	715.24	.00	715.36	8.61	3.27	396.88	317.37

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
* 92.300	45.00	.00	.00	708.80	179.00	713.09	.00	713.11	1.63	1.24	144.08	140.17
* 92.300	45.00	.00	.00	708.80	299.00	713.67	.00	713.72	2.76	1.79	167.44	180.06
92.300	45.00	.00	.00	708.80	388.00	713.91	.00	713.98	3.86	2.19	177.02	197.57
92.300	45.00	.00	.00	708.80	506.00	714.18	.00	714.29	5.34	2.69	188.24	218.87
92.300	45.00	.00	.00	708.80	599.00	714.41	.00	714.55	6.40	3.04	197.31	236.73
92.300	45.00	.00	.00	708.80	695.00	714.63	.00	714.81	7.39	3.36	206.59	255.58
92.300	45.00	.00	.00	708.80	931.00	715.21	.00	715.47	9.27	4.05	230.07	305.78
92.600	44.00	715.80	716.00	708.80	179.00	713.09	.00	713.12	1.64	1.24	143.80	139.72
92.600	44.00	715.80	716.00	708.80	299.00	713.68	.00	713.73	2.74	1.78	167.69	180.50
92.600	44.00	715.80	716.00	708.80	388.00	713.92	.00	714.00	3.83	2.19	177.37	198.20
92.600	44.00	715.80	716.00	708.80	506.00	714.21	.00	714.32	5.25	2.67	189.25	220.82
92.600	44.00	715.80	716.00	708.80	599.00	714.44	.00	714.58	6.27	3.02	198.53	239.17
92.600	44.00	715.80	716.00	708.80	695.00	714.67	.00	714.84	7.23	3.34	208.03	258.55
92.600	44.00	715.80	716.00	708.80	931.00	715.26	.00	715.51	9.03	4.01	231.91	309.88
* 93.000	25.00	.00	.00	708.90	179.00	713.09	.00	713.14	5.08	1.68	124.36	79.40
* 93.000	25.00	.00	.00	708.90	299.00	713.68	.00	713.75	6.34	2.17	174.80	118.71
* 93.000	25.00	.00	.00	708.90	388.00	713.93	.00	714.02	8.00	2.57	195.96	137.18
93.000	25.00	.00	.00	708.90	506.00	714.22	.00	714.35	9.93	3.03	221.16	160.55
93.000	25.00	.00	.00	708.90	599.00	714.45	.00	714.60	11.01	3.33	241.61	180.56
93.000	25.00	.00	.00	708.90	695.00	714.69	.00	714.87	11.82	3.59	262.71	202.16
93.000	25.00	.00	.00	708.90	931.00	715.32	.00	715.54	12.33	4.04	319.37	265.18
94.000	35.00	.00	.00	708.91	179.00	713.11	.00	713.16	6.38	1.85	107.73	70.87
94.000	35.00	.00	.00	708.91	299.00	713.71	.00	713.77	6.89	2.23	225.26	113.95
94.000	35.00	.00	.00	708.91	388.00	713.97	.00	714.05	7.67	2.49	284.39	140.12
94.000	35.00	.00	.00	708.91	506.00	714.30	.00	714.39	8.21	2.75	356.90	176.58
94.000	35.00	.00	.00	708.91	599.00	714.56	.00	714.66	8.12	2.87	417.88	210.25
94.000	35.00	.00	.00	708.91	695.00	714.83	.00	714.93	7.82	2.94	482.31	248.60
94.000	35.00	.00	.00	708.91	931.00	715.52	.00	715.61	6.56	2.99	648.45	363.47
95.000	55.00	.00	.00	708.92	179.00	713.14	.00	713.19	6.04	1.82	115.23	72.85
95.000	55.00	.00	.00	708.92	299.00	713.75	.00	713.81	6.16	2.14	261.12	120.50
95.000	55.00	.00	.00	708.92	388.00	714.03	.00	714.10	6.61	2.35	343.40	150.87
95.000	55.00	.00	.00	708.92	506.00	714.36	.00	714.44	6.77	2.53	449.99	194.54
95.000	55.00	.00	.00	708.92	599.00	714.63	.00	714.70	6.41	2.58	542.47	236.51
95.000	55.00	.00	.00	708.92	695.00	714.91	.00	714.97	5.84	2.58	643.54	287.69
95.000	55.00	.00	.00	708.92	931.00	715.60	.00	715.65	4.56	2.53	888.73	436.03
96.000	96.00	.00	.00	708.95	179.00	713.21	.00	713.25	4.86	1.58	143.40	81.19
96.000	96.00	.00	.00	708.95	299.00	713.83	.00	713.87	4.58	1.80	313.81	139.75
96.000	96.00	.00	.00	708.95	388.00	714.11	.00	714.16	4.89	1.98	405.59	175.55
96.000	96.00	.00	.00	708.95	506.00	714.44	.00	714.50	4.99	2.14	534.56	226.54
96.000	96.00	.00	.00	708.95	599.00	714.71	.00	714.76	4.81	2.20	649.69	273.03
96.000	96.00	.00	.00	708.95	695.00	714.98	.00	715.03	4.49	2.23	780.92	327.84
96.000	96.00	.00	.00	708.95	931.00	715.65	.00	715.70	3.54	2.19	1134.11	494.52

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*K5	VCH	AREA	.01K
97.000	269.00	.00	.00	709.03	179.00	713.34	.00	713.37	4.09	1.42	135.90	88.46
97.000	269.00	.00	.00	709.03	299.00	713.95	.00	713.99	4.13	1.63	289.01	147.08
97.000	269.00	.00	.00	709.03	388.00	714.24	.00	714.28	4.04	1.72	451.92	193.13
97.000	269.00	.00	.00	709.03	506.00	714.58	.00	714.62	3.66	1.76	658.49	264.59
97.000	269.00	.00	.00	709.03	599.00	714.84	.00	714.87	3.30	1.76	819.81	329.95
97.000	269.00	.00	.00	709.03	695.00	715.10	.00	715.13	2.96	1.74	984.25	404.03
97.000	269.00	.00	.00	709.03	931.00	715.75	.00	715.77	2.16	1.66	1426.35	633.81
*	98.000	264.00	.00	.00	709.10	179.00	.00	713.55	8.56	2.29	87.88	61.17
*	98.000	264.00	.00	.00	709.10	299.00	.00	714.19	11.12	2.81	131.18	89.68
*	98.000	264.00	.00	.00	709.10	388.00	.00	714.37	13.07	3.15	156.86	107.31
*	98.000	264.00	.00	.00	709.10	506.00	.00	714.70	14.02	3.41	259.44	135.13
*	98.000	264.00	.00	.00	709.10	599.00	.00	714.95	11.40	3.22	470.23	177.42
*	98.000	264.00	.00	.00	709.10	695.00	.00	715.20	8.88	2.97	682.19	233.21
*	98.000	264.00	.00	.00	709.10	931.00	.00	715.82	4.81	2.42	1226.90	424.50
	98.300	202.00	.00	.00	709.22	179.00	.00	713.76	10.56	2.70	66.39	55.07
	98.300	202.00	.00	.00	709.22	299.00	.00	714.44	11.83	3.18	225.55	86.94
	98.300	202.00	.00	.00	709.22	388.00	.00	714.72	7.90	2.75	481.95	138.06
*	98.300	202.00	.00	.00	709.22	506.00	.00	715.04	5.47	2.41	778.74	216.35
*	98.300	202.00	.00	.00	709.22	599.00	.00	715.23	4.85	2.33	952.74	272.02
*	98.300	202.00	.00	.00	709.22	695.00	.00	715.42	4.30	2.25	1129.07	335.23
	98.300	202.00	.00	.00	709.22	931.00	.00	715.93	2.94	1.99	1620.52	543.38
	98.600	254.00	.00	.00	709.36	179.00	.00	713.92	6.90	2.08	86.10	68.16
	98.600	254.00	.00	.00	709.36	299.00	.00	714.69	7.84	2.46	229.69	106.76
	98.600	254.00	.00	.00	709.36	388.00	.00	714.94	8.54	2.69	333.91	132.77
	98.600	254.00	.00	.00	709.36	506.00	.00	715.23	8.28	2.80	518.89	175.83
	98.600	254.00	.00	.00	709.36	599.00	.00	715.41	8.05	2.85	659.52	211.14
	98.600	254.00	.00	.00	709.36	695.00	.00	715.58	7.57	2.85	803.36	252.58
	98.600	254.00	.00	.00	709.36	931.00	.00	716.06	5.54	2.63	1212.89	395.43
	99.000	225.00	.00	.00	709.50	179.00	.00	714.15	8.23	2.09	85.50	62.39
	99.000	225.00	.00	.00	709.50	299.00	.00	714.89	9.19	2.49	238.16	98.64
	99.000	225.00	.00	.00	709.50	388.00	.00	715.13	8.64	2.56	416.63	132.03
	99.000	225.00	.00	.00	709.50	506.00	.00	715.41	7.62	2.55	627.86	183.29
	99.000	225.00	.00	.00	709.50	599.00	.00	715.58	7.38	2.59	759.28	220.46
	99.000	225.00	.00	.00	709.50	695.00	.00	715.75	7.10	2.62	889.43	260.76
	99.000	225.00	.00	.00	709.50	931.00	.00	716.19	5.80	2.55	1245.77	386.71
	99.500	250.00	.00	.00	709.60	179.00	.00	714.36	7.60	1.79	100.85	64.91
	99.500	250.00	.00	.00	709.60	299.00	.00	715.10	7.84	2.13	169.01	106.77
	99.500	250.00	.00	.00	709.60	388.00	.00	715.35	8.69	2.34	321.20	131.62
	99.500	250.00	.00	.00	709.60	506.00	.00	715.61	8.48	2.42	508.77	173.73
	99.500	250.00	.00	.00	709.60	599.00	.00	715.78	8.49	2.49	627.92	205.60
	99.500	250.00	.00	.00	709.60	695.00	.00	715.95	8.32	2.55	742.49	240.95
	99.500	250.00	.00	.00	709.60	931.00	.00	716.29	7.10	2.56	1046.55	349.51

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*K5	VCH	AREA	.01K
100.000	277.00	.00	.00	709.70	179.00	714.50	.00	714.57	7.02	2.01	88.97	67.58
100.000	277.00	.00	.00	709.70	299.00	715.24	.00	715.30	5.91	2.16	325.85	122.96
100.000	277.00	.00	.00	709.70	388.00	715.49	.00	715.56	6.18	2.32	444.69	156.11
100.000	277.00	.00	.00	709.70	506.00	715.76	.00	715.82	6.76	2.54	571.62	194.55
100.000	277.00	.00	.00	709.70	599.00	715.93	.00	716.00	7.23	2.71	659.94	222.80
100.000	277.00	.00	.00	709.70	695.00	716.09	.00	716.17	7.63	2.85	746.90	251.67
100.000	277.00	.00	.00	709.70	931.00	716.49	.00	716.57	7.74	3.05	980.06	334.65
100.500	205.00	.00	.00	709.80	179.00	714.67	.00	714.71	6.00	1.61	111.09	73.07
100.500	205.00	.00	.00	709.80	299.00	715.37	.00	715.41	5.26	1.76	246.49	130.33
100.500	205.00	.00	.00	709.80	388.00	715.63	.00	715.68	4.97	1.82	371.73	174.07
100.500	205.00	.00	.00	709.80	506.00	715.91	.00	715.95	4.68	1.88	533.36	233.89
100.500	205.00	.00	.00	709.80	599.00	716.09	.00	716.13	4.55	1.93	650.95	280.66
100.500	205.00	.00	.00	709.80	695.00	716.26	.00	716.30	4.41	1.96	767.72	330.84
100.500	205.00	.00	.00	709.80	931.00	716.65	.00	716.69	3.95	1.99	1049.31	468.33
101.000	223.00	.00	.00	709.90	179.00	714.78	.00	714.83	5.00	1.78	130.47	80.09
101.000	223.00	.00	.00	709.90	299.00	715.48	.00	715.50	2.80	1.54	403.08	178.75
101.000	223.00	.00	.00	709.90	388.00	715.74	.00	715.76	2.63	1.57	551.44	239.10
101.000	223.00	.00	.00	709.90	506.00	716.01	.00	716.03	2.61	1.63	723.90	313.47
101.000	223.00	.00	.00	709.90	599.00	716.18	.00	716.21	2.57	1.67	856.83	373.47
101.000	223.00	.00	.00	709.90	695.00	716.35	.00	716.37	2.52	1.69	994.50	437.79
101.000	223.00	.00	.00	709.90	931.00	716.74	.00	716.76	2.24	1.69	1345.83	621.96
102.000	131.00	.00	.00	710.00	179.00	714.85	.00	714.91	5.99	2.05	89.15	73.12
102.000	131.00	.00	.00	710.00	299.00	715.51	.00	715.57	5.00	2.12	311.06	133.78
102.000	131.00	.00	.00	710.00	388.00	715.77	.00	715.82	4.78	2.16	434.68	177.49
102.000	131.00	.00	.00	710.00	506.00	716.04	.00	716.08	4.70	2.24	569.82	233.34
102.000	131.00	.00	.00	710.00	599.00	716.22	.00	716.26	4.73	2.30	659.15	275.46
102.000	131.00	.00	.00	710.00	695.00	716.39	.00	716.43	4.74	2.36	744.09	319.10
* 102.000	131.00	.00	.00	710.00	931.00	716.77	.00	716.81	4.68	2.47	936.74	430.17
* 103.000	117.00	.00	.00	710.05	179.00	714.92	.00	715.04	13.51	2.71	69.85	48.69
* 103.000	117.00	.00	.00	710.05	299.00	715.56	.00	715.70	14.00	3.16	158.61	79.92
* 103.000	117.00	.00	.00	710.05	388.00	715.82	.00	715.96	14.89	3.41	218.15	100.54
* 103.000	117.00	.00	.00	710.05	506.00	716.08	.00	716.23	15.78	3.68	283.41	127.38
* 103.000	117.00	.00	.00	710.05	599.00	716.26	.00	716.41	16.39	3.86	327.88	147.94
* 103.000	117.00	.00	.00	710.05	695.00	716.42	.00	716.58	16.78	4.01	371.80	169.65
* 103.000	117.00	.00	.00	710.05	931.00	716.80	.00	716.96	16.87	4.25	477.32	226.68
* 104.000	64.00	.00	.00	710.10	179.00	715.07	.00	715.10	2.97	1.42	152.81	103.86
* 104.000	64.00	.00	.00	710.10	299.00	715.72	.00	715.76	3.20	1.68	258.23	167.25
* 104.000	64.00	.00	.00	710.10	388.00	715.98	.00	716.03	3.87	1.94	298.81	197.12
* 104.000	64.00	.00	.00	710.10	506.00	716.24	.00	716.30	4.81	2.26	340.75	230.80
* 104.000	64.00	.00	.00	710.10	599.00	716.41	.00	716.49	5.54	2.49	368.37	254.45
* 104.000	64.00	.00	.00	710.10	695.00	716.57	.00	716.66	6.27	2.72	394.06	277.46
* 104.000	64.00	.00	.00	710.10	931.00	716.92	.00	717.05	7.91	3.21	450.22	330.99

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
104.300	50.00	.00	.00	710.20	158.00	715.09	.00	715.11	1.19	1.07	147.99	145.14
104.300	50.00	.00	.00	710.20	257.00	715.74	.00	715.78	1.82	1.48	174.09	190.26
104.300	50.00	.00	.00	710.20	329.00	715.99	.00	716.04	2.47	1.79	184.30	209.20
104.300	50.00	.00	.00	710.20	426.00	716.26	.00	716.33	3.44	2.19	194.94	229.74
104.300	50.00	.00	.00	710.20	502.00	716.43	.00	716.52	4.25	2.49	201.92	243.60
104.300	50.00	.00	.00	710.20	581.00	716.59	.00	716.71	5.12	2.79	208.36	256.70
104.300	50.00	.00	.00	710.20	772.00	716.93	.00	717.12	7.29	3.47	222.30	285.95
104.600	44.00	718.40	717.90	710.20	158.00	715.10	.00	715.11	1.51	1.07	147.43	128.65
104.600	44.00	718.40	717.90	710.20	257.00	715.75	.00	715.78	2.39	1.48	173.77	166.32
104.600	44.00	718.40	717.90	710.20	329.00	716.01	.00	716.06	3.27	1.79	184.19	182.05
104.600	44.00	718.40	717.90	710.20	426.00	716.27	.00	716.35	4.60	2.19	194.90	198.68
104.600	44.00	718.40	717.90	710.20	502.00	716.45	.00	716.54	5.68	2.48	202.37	210.56
104.600	44.00	718.40	717.90	710.20	581.00	716.61	.00	716.73	6.90	2.78	208.99	221.24
104.600	44.00	718.40	717.90	710.20	772.00	716.97	.00	717.15	9.93	3.46	223.37	245.00
105.000	45.00	.00	.00	710.20	158.00	715.10	.00	715.13	2.25	1.21	130.73	105.26
105.000	45.00	.00	.00	710.20	257.00	715.76	.00	715.80	3.02	1.59	161.80	147.84
105.000	45.00	.00	.00	710.20	329.00	716.02	.00	716.07	3.92	1.89	174.17	166.15
105.000	45.00	.00	.00	710.20	426.00	716.29	.00	716.37	5.22	2.27	187.35	186.45
105.000	45.00	.00	.00	710.20	502.00	716.47	.00	716.57	6.27	2.56	196.14	200.44
105.000	45.00	.00	.00	710.20	581.00	716.64	.00	716.77	7.37	2.84	204.39	214.05
105.000	45.00	.00	.00	710.20	772.00	717.01	.00	717.20	9.82	3.47	222.40	246.41
106.000	297.00	.00	.00	710.70	158.00	715.17	.00	715.19	2.09	1.27	124.49	109.24
106.000	297.00	.00	.00	710.70	257.00	715.85	.00	715.89	3.09	1.69	152.19	146.21
106.000	297.00	.00	.00	710.70	329.00	716.13	.00	716.20	4.06	2.00	164.30	163.26
106.000	297.00	.00	.00	710.70	426.00	716.45	.00	716.53	5.41	2.39	177.96	183.09
106.000	297.00	.00	.00	710.70	502.00	716.66	.00	716.77	6.44	2.68	187.49	197.87
106.000	297.00	.00	.00	710.70	581.00	716.86	.00	716.99	7.35	2.95	196.65	214.24
106.000	297.00	.00	.00	710.70	772.00	717.29	.00	717.49	9.40	3.56	216.66	251.80
106.300	40.00	.00	.00	710.90	158.00	715.17	.00	715.21	3.83	1.47	107.43	80.72
106.300	40.00	.00	.00	710.90	257.00	715.86	.00	715.91	4.94	1.83	140.31	115.64
106.300	40.00	.00	.00	710.90	329.00	716.15	.00	716.22	5.93	2.12	155.00	135.10
106.300	40.00	.00	.00	710.90	426.00	716.47	.00	716.56	7.28	2.49	171.36	157.92
106.300	40.00	.00	.00	710.90	502.00	716.68	.00	716.80	8.29	2.75	182.66	174.32
106.300	40.00	.00	.00	710.90	581.00	716.89	.00	717.03	9.31	3.00	193.39	190.39
106.300	40.00	.00	.00	710.90	772.00	717.34	.00	717.53	11.38	3.55	217.34	228.80
106.600	15.00	723.00	720.90	710.90	158.00	715.19	.00	715.22	3.78	1.46	108.00	81.27
106.600	15.00	723.00	720.90	710.90	257.00	715.88	.00	715.93	4.82	1.82	141.40	117.06
106.600	15.00	723.00	720.90	710.90	329.00	716.18	.00	716.25	5.75	2.10	156.54	137.21
106.600	15.00	723.00	720.90	710.90	426.00	716.51	.00	716.60	6.99	2.45	173.61	161.14
106.600	15.00	723.00	720.90	710.90	502.00	716.74	.00	716.85	7.90	2.71	185.52	178.56
106.600	15.00	723.00	720.90	710.90	581.00	716.95	.00	717.09	8.81	2.95	196.94	195.80
106.600	15.00	723.00	720.90	710.90	772.00	717.43	.00	717.62	10.49	3.47	222.74	238.36

SECNO	XLCH	ELTRD	ELLC	ELNIN	Q	CWSEL	CRIWS	EG	10*KS	VCH	AREA	.01K
107.000	15.00	.00	.00	710.90	158.00	715.19	.00	715.23	2.15	1.46	115.45	107.83
107.000	15.00	.00	.00	710.90	257.00	715.89	.00	715.94	3.05	1.95	146.49	147.04
107.000	15.00	.00	.00	710.90	329.00	716.18	.00	716.26	3.93	2.31	161.06	165.97
107.000	15.00	.00	.00	710.90	426.00	716.51	.00	716.62	5.11	2.75	178.12	188.47
107.000	15.00	.00	.00	710.90	502.00	716.74	.00	716.87	6.03	3.07	190.07	204.43
107.000	15.00	.00	.00	710.90	581.00	716.95	.00	717.11	6.94	3.38	202.03	220.56
107.000	15.00	.00	.00	710.90	772.00	717.42	.00	717.65	8.97	4.06	229.29	257.80
109.000	40.00	.00	.00	710.90	158.00	715.22	.00	715.24	1.08	1.10	158.13	152.16
109.000	40.00	.00	.00	710.90	257.00	715.92	.00	715.96	1.62	1.50	195.21	201.62
109.000	40.00	.00	.00	710.90	329.00	716.23	.00	716.28	2.12	1.79	215.25	225.94
109.000	40.00	.00	.00	710.90	426.00	716.58	.00	716.65	2.78	2.14	240.05	255.46
109.000	40.00	.00	.00	710.90	502.00	716.82	.00	716.90	3.28	2.39	258.74	277.29
109.000	40.00	.00	.00	710.90	581.00	717.05	.00	717.15	3.77	2.63	277.70	299.20
109.000	40.00	.00	.00	710.90	772.00	717.57	.00	717.71	4.79	3.14	323.60	352.76
110.000	43.00	.00	.00	710.90	158.00	715.23	.00	715.24	.91	.98	183.06	165.64
110.000	43.00	.00	.00	710.90	257.00	715.94	.00	715.97	1.31	1.31	229.32	224.70
110.000	43.00	.00	.00	710.90	329.00	716.26	.00	716.29	1.68	1.55	251.53	253.98
110.000	43.00	.00	.00	710.90	426.00	716.61	.00	716.66	2.18	1.85	277.29	288.61
110.000	43.00	.00	.00	710.90	502.00	716.86	.00	716.92	2.54	2.07	296.72	315.15
110.000	43.00	.00	.00	710.90	581.00	717.10	.00	717.17	2.91	2.28	315.21	340.72
110.000	43.00	.00	.00	710.90	772.00	717.63	.00	717.73	3.69	2.72	358.45	401.62
111.000	55.00	.00	.00	710.90	158.00	715.23	.00	715.25	.78	.94	188.87	178.40
111.000	55.00	.00	.00	710.90	257.00	715.95	.00	715.97	1.12	1.25	259.34	243.24
111.000	55.00	.00	.00	710.90	329.00	716.27	.00	716.30	1.42	1.47	292.68	276.39
111.000	55.00	.00	.00	710.90	426.00	716.63	.00	716.68	1.81	1.74	331.80	316.89
111.000	55.00	.00	.00	710.90	502.00	716.89	.00	716.94	2.09	1.93	360.04	347.07
111.000	55.00	.00	.00	710.90	581.00	717.13	.00	717.19	2.36	2.11	388.48	378.20
111.000	55.00	.00	.00	710.90	772.00	717.68	.00	717.76	2.88	2.47	454.98	454.61
112.000	52.00	.00	.00	710.90	158.00	715.24	.00	715.25	.90	.97	187.98	166.75
112.000	52.00	.00	.00	710.90	257.00	715.96	.00	715.98	1.24	1.28	250.49	230.33
112.000	52.00	.00	.00	710.90	329.00	716.28	.00	716.31	1.57	1.51	281.91	262.79
112.000	52.00	.00	.00	710.90	426.00	716.64	.00	716.69	1.98	1.78	320.78	302.76
112.000	52.00	.00	.00	710.90	502.00	716.90	.00	716.95	2.27	1.96	350.00	332.88
112.000	52.00	.00	.00	710.90	581.00	717.14	.00	717.20	2.55	2.14	379.44	363.80
112.000	52.00	.00	.00	710.90	772.00	717.69	.00	717.77	3.07	2.50	456.86	440.76
113.000	64.00	.00	.00	710.90	158.00	715.24	.00	715.26	.92	.98	191.91	164.73
113.000	64.00	.00	.00	710.90	257.00	715.97	.00	715.99	1.22	1.26	273.89	232.52
113.000	64.00	.00	.00	710.90	329.00	716.29	.00	716.32	1.51	1.47	314.46	268.16
113.000	64.00	.00	.00	710.90	426.00	716.66	.00	716.70	1.86	1.71	363.34	312.52
113.000	64.00	.00	.00	710.90	502.00	716.92	.00	716.97	2.10	1.88	399.49	346.37
113.000	64.00	.00	.00	710.90	581.00	717.17	.00	717.22	2.31	2.03	436.58	382.10
113.000	64.00	.00	.00	710.90	772.00	717.73	.00	717.80	2.72	2.34	524.34	468.49

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
114.000	144.00	.00	.00	711.00	158.00	715.26	.00	715.27	1.94	.98	205.99	162.91
114.000	144.00	.00	.00	711.00	257.00	715.99	.00	716.00	1.11	1.20	341.32	243.46
114.000	144.00	.00	.00	711.00	329.00	716.32	.00	716.34	1.29	1.36	410.74	289.50
114.000	144.00	.00	.00	711.00	426.00	716.70	.00	716.72	1.49	1.53	499.56	349.56
114.000	144.00	.00	.00	711.00	502.00	716.96	.00	716.99	1.59	1.64	569.63	397.97
114.000	144.00	.00	.00	711.00	581.00	717.22	.00	717.25	1.68	1.73	640.11	448.17
114.000	144.00	.00	.00	711.00	772.00	717.79	.00	717.83	1.78	1.90	812.03	578.69
115.000	135.00	.00	.00	711.10	158.00	715.27	.00	715.28	.98	1.00	204.66	159.40
115.000	135.00	.00	.00	711.10	257.00	716.00	.00	716.02	1.11	1.19	364.28	244.31
115.000	135.00	.00	.00	711.10	329.00	716.34	.00	716.36	1.24	1.32	449.38	295.19
115.000	135.00	.00	.00	711.10	426.00	716.72	.00	716.74	1.38	1.47	553.26	362.39
115.000	135.00	.00	.00	711.10	502.00	716.99	.00	717.01	1.46	1.56	630.43	415.39
115.000	135.00	.00	.00	711.10	581.00	717.25	.00	717.27	1.52	1.65	707.42	470.85
115.000	135.00	.00	.00	711.10	772.00	717.82	.00	717.85	1.60	1.80	885.46	610.82
*	116.000	123.00	.00	.00	711.10	158.00	715.27	715.31	3.19	1.56	149.76	88.40
*	116.000	123.00	.00	.00	711.10	257.00	716.01	716.05	2.90	1.71	296.68	150.94
*	116.000	123.00	.00	.00	711.10	329.00	716.35	716.39	2.98	1.83	386.11	190.52
*	116.000	123.00	.00	.00	711.10	426.00	716.74	716.77	2.96	1.93	505.19	247.74
	116.000	123.00	.00	.00	711.10	502.00	717.01	717.04	2.85	1.97	594.25	297.44
	116.000	123.00	.00	.00	711.10	581.00	717.27	717.30	2.75	2.00	681.73	350.26
	116.000	123.00	.00	.00	711.10	772.00	717.85	717.88	2.53	2.06	883.55	485.30
117.000	214.00	.00	.00	711.20	158.00	715.34	.00	715.38	3.00	1.67	168.74	91.22
117.000	214.00	.00	.00	711.20	257.00	716.07	.00	716.10	2.36	1.67	357.56	167.43
117.000	214.00	.00	.00	711.20	329.00	716.41	.00	716.44	2.32	1.75	454.55	215.85
117.000	214.00	.00	.00	711.20	426.00	716.80	.00	716.83	2.29	1.83	577.15	281.30
117.000	214.00	.00	.00	711.20	502.00	717.07	.00	717.10	2.26	1.89	669.24	334.00
117.000	214.00	.00	.00	711.20	581.00	717.33	.00	717.35	2.22	1.93	759.70	389.81
117.000	214.00	.00	.00	711.20	772.00	717.90	.00	717.93	2.11	2.01	967.86	531.75
118.000	212.00	.00	.00	711.20	158.00	715.40	.00	715.44	2.98	1.69	151.68	91.66
118.000	212.00	.00	.00	711.20	257.00	716.12	.00	716.16	2.71	1.81	306.48	156.07
118.000	212.00	.00	.00	711.20	329.00	716.46	.00	716.50	2.73	1.92	395.03	199.05
118.000	212.00	.00	.00	711.20	426.00	716.85	.00	716.88	2.73	2.02	509.13	257.63
118.000	212.00	.00	.00	711.20	502.00	717.11	.00	717.15	2.70	2.08	601.49	305.58
118.000	212.00	.00	.00	711.20	581.00	717.37	.00	717.41	2.64	2.12	697.31	357.74
118.000	212.00	.00	.00	711.20	772.00	717.95	.00	717.98	2.43	2.17	925.50	495.00
119.000	202.00	.00	.00	711.30	158.00	715.47	.00	715.52	5.02	1.85	117.21	70.51
119.000	202.00	.00	.00	711.30	257.00	716.18	.00	716.24	5.04	2.05	225.10	114.47
119.000	202.00	.00	.00	711.30	329.00	716.52	.00	716.58	5.24	2.18	294.78	143.67
119.000	202.00	.00	.00	711.30	426.00	716.91	.00	716.96	4.98	2.26	387.59	190.91
119.000	202.00	.00	.00	711.30	502.00	717.17	.00	717.23	4.78	2.31	458.56	229.64
119.000	202.00	.00	.00	711.30	581.00	717.43	.00	717.48	4.56	2.35	534.03	272.03
119.000	202.00	.00	.00	711.30	772.00	718.00	.00	718.05	4.06	2.40	723.36	383.29

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*K5	VCH	AREA	.01K
120.000	181.00	.00	.00	711.40	158.00	715.56	.00	715.60	3.72	1.50	121.47	81.91
120.000	181.00	.00	.00	711.40	257.00	716.27	.00	716.31	3.50	1.71	227.94	137.41
120.000	181.00	.00	.00	711.40	329.00	716.61	.00	716.66	3.55	1.84	295.90	174.54
120.000	181.00	.00	.00	711.40	426.00	716.99	.00	717.04	3.61	1.99	382.13	224.28
120.000	181.00	.00	.00	711.40	502.00	717.25	.00	717.30	3.61	2.07	448.59	264.19
120.000	181.00	.00	.00	711.40	581.00	717.50	.00	717.55	3.61	2.15	516.17	305.88
120.000	181.00	.00	.00	711.40	772.00	718.06	.00	718.11	3.42	2.27	688.65	417.50
121.000	200.00	.00	.00	711.50	158.00	715.64	.00	715.67	3.47	1.46	138.66	84.85
121.000	200.00	.00	.00	711.50	257.00	716.35	.00	716.38	2.85	1.55	291.45	152.17
121.000	200.00	.00	.00	711.50	329.00	716.69	.00	716.72	2.75	1.63	381.90	198.23
121.000	200.00	.00	.00	711.50	426.00	717.07	.00	717.10	2.69	1.72	490.88	259.50
121.000	200.00	.00	.00	711.50	502.00	717.33	.00	717.37	2.67	1.79	570.28	307.37
121.000	200.00	.00	.00	711.50	581.00	717.59	.00	717.62	2.63	1.85	650.39	357.94
121.000	200.00	.00	.00	711.50	772.00	718.14	.00	718.17	2.51	1.95	842.43	487.31
122.000	221.00	.00	.00	711.50	158.00	715.71	.00	715.73	1.83	1.19	222.97	116.85
122.000	221.00	.00	.00	711.50	257.00	716.41	.00	716.43	1.86	1.31	386.64	188.45
122.000	221.00	.00	.00	711.50	329.00	716.75	.00	716.77	1.89	1.38	497.82	239.51
122.000	221.00	.00	.00	711.50	426.00	717.13	.00	717.15	1.83	1.45	644.41	315.18
122.000	221.00	.00	.00	711.50	502.00	717.39	.00	717.41	1.79	1.49	749.04	375.24
122.000	221.00	.00	.00	711.50	581.00	717.65	.00	717.67	1.76	1.53	851.74	438.39
122.000	221.00	.00	.00	711.50	772.00	718.20	.00	718.22	1.67	1.61	1086.98	596.60
123.000	186.00	.00	.00	711.60	158.00	715.74	.00	715.76	2.13	1.25	141.21	108.30
123.000	186.00	.00	.00	711.60	257.00	716.44	.00	716.47	2.19	1.46	300.35	173.76
123.000	186.00	.00	.00	711.60	329.00	716.78	.00	716.81	2.15	1.54	417.52	224.25
123.000	186.00	.00	.00	711.60	426.00	717.16	.00	717.19	2.10	1.61	560.59	294.20
123.000	186.00	.00	.00	711.60	502.00	717.42	.00	717.45	2.04	1.65	665.43	351.16
123.000	186.00	.00	.00	711.60	581.00	717.68	.00	717.70	1.99	1.69	769.84	411.86
123.000	186.00	.00	.00	711.60	772.00	718.23	.00	718.25	1.85	1.75	1011.75	567.19
124.000	213.00	.00	.00	711.70	158.00	715.79	.00	715.82	2.78	1.40	112.58	94.84
124.000	213.00	.00	.00	711.70	257.00	716.49	.00	716.52	2.84	1.61	282.59	152.52
124.000	213.00	.00	.00	711.70	329.00	716.83	.00	716.86	2.63	1.65	405.68	202.74
124.000	213.00	.00	.00	711.70	426.00	717.21	.00	717.24	2.45	1.70	552.41	272.22
124.000	213.00	.00	.00	711.70	502.00	717.47	.00	717.50	2.33	1.72	660.01	328.66
124.000	213.00	.00	.00	711.70	581.00	717.72	.00	717.75	2.23	1.75	766.19	389.04
124.000	213.00	.00	.00	711.70	772.00	718.27	.00	718.30	2.02	1.79	1011.91	543.66
* 125.000	190.00	.00	.00	711.80	158.00	715.77	.00	716.04	67.07	4.17	37.90	19.29
* 125.000	190.00	.00	.00	711.80	257.00	716.43	.00	716.75	58.90	4.54	56.58	33.49
* 125.000	190.00	.00	.00	711.80	329.00	716.74	716.04	717.09	56.05	4.81	114.54	43.94
* 125.000	190.00	.00	.00	711.80	426.00	717.17	.00	717.42	36.23	4.38	277.56	70.78
* 125.000	190.00	.00	.00	711.80	502.00	717.46	.00	717.66	28.34	4.16	392.32	94.30
* 125.000	190.00	.00	.00	711.80	581.00	717.72	.00	717.89	23.49	4.02	503.77	119.87
* 125.000	190.00	.00	.00	711.80	772.00	718.28	.00	718.41	17.10	3.84	760.38	186.71

	SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
*	126.000	204.00	.00	.00	711.90	158.00	716.53	.00	716.60	14.34	2.53	219.86	41.72
*	126.000	204.00	.00	.00	711.90	257.00	717.12	.00	717.16	9.09	2.34	473.69	85.22
*	126.000	204.00	.00	.00	711.90	329.00	717.43	.00	717.47	8.01	2.34	632.35	116.26
*	126.000	204.00	.00	.00	711.90	426.00	717.71	.00	717.75	8.14	2.49	783.97	149.29
*	126.000	204.00	.00	.00	711.90	502.00	717.91	.00	717.95	8.06	2.58	901.56	176.77
*	126.000	204.00	.00	.00	711.90	581.00	718.12	.00	718.16	7.87	2.64	1023.49	207.15
*	126.000	204.00	.00	.00	711.90	772.00	718.60	.00	718.64	7.25	2.73	1308.44	286.79
	127.000	197.00	.00	.00	712.10	158.00	716.81	.00	716.87	12.76	2.73	287.72	44.22
	127.000	197.00	.00	.00	712.10	257.00	717.31	.00	717.36	10.47	2.72	521.06	79.41
	127.000	197.00	.00	.00	712.10	329.00	717.60	.00	717.64	9.43	2.72	678.79	107.12
	127.000	197.00	.00	.00	712.10	426.00	717.89	.00	717.92	9.39	2.83	837.45	138.99
	127.000	197.00	.00	.00	712.10	502.00	718.09	.00	718.12	9.26	2.90	956.81	164.93
	127.000	197.00	.00	.00	712.10	581.00	718.29	.00	718.33	9.03	2.95	1081.68	193.34
	127.000	197.00	.00	.00	712.10	772.00	718.76	.00	718.79	8.29	3.01	1382.13	268.19
*	128.000	202.00	.00	.00	712.10	158.00	716.92	.00	716.93	1.07	1.03	684.28	152.76
*	128.000	202.00	.00	.00	712.10	257.00	717.40	.00	717.42	1.30	1.23	1039.08	225.17
*	128.000	202.00	.00	.00	712.10	329.00	717.69	.00	717.70	1.41	1.34	1262.25	276.58
*	128.000	202.00	.00	.00	712.10	426.00	717.97	.00	717.99	1.62	1.49	1497.92	334.79
*	128.000	202.00	.00	.00	712.10	502.00	718.18	.00	718.19	1.74	1.59	1675.18	380.87
*	128.000	202.00	.00	.00	712.10	581.00	718.38	.00	718.40	1.83	1.67	1857.24	430.05
*	128.000	202.00	.00	.00	712.10	772.00	718.85	.00	718.86	1.92	1.82	2292.63	557.30
*	129.000	285.00	.00	.00	712.30	158.00	716.95	.00	716.98	2.35	1.48	355.68	103.07
*	129.000	285.00	.00	.00	712.30	257.00	717.44	.00	717.48	3.03	1.83	527.37	147.75
*	129.000	285.00	.00	.00	712.30	329.00	717.73	.00	717.77	3.41	2.03	630.80	178.23
*	129.000	285.00	.00	.00	712.30	426.00	718.02	.00	718.07	4.03	2.30	737.88	212.21
*	129.000	285.00	.00	.00	712.30	502.00	718.23	.00	718.28	4.43	2.49	815.99	238.58
*	129.000	285.00	.00	.00	712.30	581.00	718.43	.00	718.49	4.76	2.65	893.78	266.17
*	129.000	285.00	.00	.00	712.30	772.00	718.90	.00	718.97	5.34	2.98	1071.83	333.96
	130.000	266.00	.00	.00	712.30	158.00	717.01	.00	717.02	1.25	1.06	296.22	141.23
	130.000	266.00	.00	.00	712.30	257.00	717.51	.00	717.54	1.75	1.37	477.16	194.28
	130.000	266.00	.00	.00	712.30	329.00	717.81	.00	717.84	2.03	1.55	590.34	230.80
	130.000	266.00	.00	.00	712.30	426.00	718.11	.00	718.15	2.44	1.78	712.90	272.59
	130.000	266.00	.00	.00	712.30	502.00	718.33	.00	718.37	2.68	1.92	808.75	306.67
	130.000	266.00	.00	.00	712.30	581.00	718.54	.00	718.59	2.90	2.06	902.15	340.92
	130.000	266.00	.00	.00	712.30	772.00	719.02	.00	719.08	3.26	2.32	1123.51	427.45
	131.000	165.00	.00	.00	712.40	158.00	717.03	.00	717.04	1.40	.96	179.45	133.35
	131.000	165.00	.00	.00	712.40	257.00	717.54	.00	717.57	1.90	1.26	330.48	186.37
	131.000	165.00	.00	.00	712.40	329.00	717.84	.00	717.87	2.16	1.42	424.79	223.68
	131.000	165.00	.00	.00	712.40	426.00	718.15	.00	718.19	2.56	1.64	524.61	266.21
	131.000	165.00	.00	.00	712.40	502.00	718.37	.00	718.42	2.81	1.78	598.24	299.60
	131.000	165.00	.00	.00	712.40	581.00	718.59	.00	718.64	3.02	1.91	671.66	334.45
	131.000	165.00	.00	.00	712.40	772.00	719.07	.00	719.13	3.39	2.17	839.85	419.49

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CMSEL	CRWS	EG	10*KS	VCH	AREA	.01K
132.000	274.00	.00	.00	712.50	158.00	717.07	.00	717.08	1.60	.99	206.09	124.92
132.000	274.00	.00	.00	712.50	257.00	717.60	.00	717.62	2.03	1.27	362.17	180.58
132.000	274.00	.00	.00	712.50	329.00	717.91	.00	717.93	2.25	1.42	459.18	219.30
132.000	274.00	.00	.00	712.50	426.00	718.23	.00	718.26	2.58	1.61	588.38	265.47
132.000	274.00	.00	.00	712.50	502.00	718.45	.00	718.49	2.76	1.74	690.12	302.23
132.000	274.00	.00	.00	712.50	581.00	718.68	.00	718.72	2.90	1.85	792.88	341.23
132.000	274.00	.00	.00	712.50	772.00	719.17	.00	719.22	3.11	2.06	1031.93	438.08
133.000	180.00	.00	.00	712.60	158.00	717.10	.00	717.11	1.57	1.31	494.69	126.09
133.000	180.00	.00	.00	712.60	257.00	717.64	.00	717.66	2.14	1.66	681.45	175.69
133.000	180.00	.00	.00	712.60	329.00	717.95	.00	717.98	2.47	1.85	804.50	209.38
133.000	180.00	.00	.00	712.60	426.00	718.28	.00	718.31	2.92	2.10	946.11	249.12
133.000	180.00	.00	.00	712.60	502.00	718.52	.00	718.55	3.20	2.26	1056.10	280.67
133.000	180.00	.00	.00	712.60	581.00	718.74	.00	718.78	3.42	2.40	1166.48	314.07
133.000	180.00	.00	.00	712.60	772.00	719.24	.00	719.28	3.77	2.65	1418.64	397.48
134.000	238.00	.00	.00	712.70	158.00	717.13	.00	717.14	.89	.82	348.10	167.52
134.000	238.00	.00	.00	712.70	257.00	717.68	.00	717.70	1.17	1.05	557.00	238.08
134.000	238.00	.00	.00	712.70	329.00	718.00	.00	718.02	1.31	1.18	699.11	287.62
134.000	238.00	.00	.00	712.70	426.00	718.34	.00	718.36	1.51	1.34	860.75	347.13
134.000	238.00	.00	.00	712.70	502.00	718.58	.00	718.60	1.63	1.44	977.67	392.98
134.000	238.00	.00	.00	712.70	581.00	718.81	.00	718.83	1.75	1.54	1090.12	439.53
134.000	238.00	.00	.00	712.70	772.00	719.31	.00	719.35	1.94	1.74	1346.36	554.14
135.000	302.00	.00	.00	712.80	158.00	717.16	.00	717.16	.68	.85	933.52	191.99
135.000	302.00	.00	.00	712.80	257.00	717.72	.00	717.73	.87	1.05	1249.23	276.03
135.000	302.00	.00	.00	712.80	329.00	718.05	.00	718.05	.99	1.17	1438.35	331.30
135.000	302.00	.00	.00	712.80	426.00	718.39	.00	718.40	1.15	1.32	1650.89	397.18
135.000	302.00	.00	.00	712.80	502.00	718.64	.00	718.65	1.26	1.42	1804.72	447.28
135.000	302.00	.00	.00	712.80	581.00	718.87	.00	718.88	1.35	1.51	1957.93	499.60
135.000	302.00	.00	.00	712.80	772.00	719.39	.00	719.40	1.53	1.70	2308.30	624.64
136.000	298.00	.00	.00	712.85	158.00	717.19	.00	717.20	1.97	1.19	283.62	112.43
136.000	298.00	.00	.00	712.85	257.00	717.75	.00	717.78	2.25	1.43	508.81	171.20
136.000	298.00	.00	.00	712.85	329.00	718.08	.00	718.11	2.37	1.56	653.78	213.64
136.000	298.00	.00	.00	712.85	426.00	718.43	.00	718.46	2.57	1.72	820.65	265.85
136.000	298.00	.00	.00	712.85	502.00	718.68	.00	718.71	2.68	1.83	945.78	306.73
136.000	298.00	.00	.00	712.85	581.00	718.92	.00	718.95	2.76	1.92	1073.17	349.78
136.000	298.00	.00	.00	712.85	772.00	719.44	.00	719.48	2.87	2.10	1369.01	455.70
137.000	249.00	.00	.00	712.90	158.00	717.24	.00	717.27	2.82	1.75	364.26	94.08
137.000	249.00	.00	.00	712.90	257.00	717.82	.00	717.85	3.42	2.10	554.68	138.93
137.000	249.00	.00	.00	712.90	329.00	718.15	.00	718.19	3.74	2.30	672.57	170.09
137.000	249.00	.00	.00	712.90	426.00	718.51	.00	718.55	4.20	2.55	806.12	207.90
137.000	249.00	.00	.00	712.90	502.00	718.76	.00	718.80	4.47	2.71	903.63	237.47
137.000	249.00	.00	.00	712.90	581.00	719.00	.00	719.05	4.68	2.85	1001.35	268.44
137.000	249.00	.00	.00	712.90	772.00	719.52	.00	719.58	5.06	3.13	1216.81	343.07

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*K5	VCH	AREA	.01K
138.000	136.00	.00	.00	712.96	158.00	717.28	.00	717.30	2.02	1.32	185.79	111.20
138.000	136.00	.00	.00	712.96	257.00	717.86	.00	717.89	2.22	1.54	328.43	172.33
138.000	136.00	.00	.00	712.96	329.00	718.20	.00	718.23	2.24	1.63	424.39	219.85
138.000	136.00	.00	.00	712.96	426.00	718.57	.00	718.60	2.32	1.75	529.83	279.64
138.000	136.00	.00	.00	712.96	502.00	718.82	.00	718.85	2.37	1.83	603.28	326.23
138.000	136.00	.00	.00	712.96	581.00	719.06	.00	719.10	2.41	1.91	673.96	374.64
* 138.000	136.00	.00	.00	712.96	772.00	719.59	.00	719.63	2.47	2.07	827.54	491.18
139.000	100.00	.00	.00	713.01	158.00	717.30	.00	717.32	2.37	1.29	154.29	102.56
139.000	100.00	.00	.00	713.01	257.00	717.89	.00	717.92	2.71	1.56	257.16	156.11
139.000	100.00	.00	.00	713.01	329.00	718.22	.00	718.26	2.84	1.70	323.69	195.26
139.000	100.00	.00	.00	713.01	426.00	718.59	.00	718.63	3.05	1.87	400.67	243.88
139.000	100.00	.00	.00	713.01	502.00	718.84	.00	718.89	3.17	1.98	454.91	281.99
139.000	100.00	.00	.00	713.01	581.00	719.08	.00	719.13	3.27	2.08	507.04	321.39
139.000	100.00	.00	.00	713.01	772.00	719.61	.00	719.67	3.45	2.30	620.16	415.65
140.000	66.00	.00	.00	713.04	158.00	717.32	.00	717.34	2.17	1.16	166.20	107.26
140.000	66.00	.00	.00	713.04	257.00	717.91	.00	717.94	2.41	1.39	265.17	165.60
140.000	66.00	.00	.00	713.04	329.00	718.25	.00	718.28	2.52	1.53	329.10	207.23
140.000	66.00	.00	.00	713.04	426.00	718.61	.00	718.65	2.71	1.69	400.39	258.80
140.000	66.00	.00	.00	713.04	502.00	718.87	.00	718.91	2.83	1.80	449.98	298.23
140.000	66.00	.00	.00	713.04	581.00	719.11	.00	719.15	2.94	1.91	497.63	338.71
140.000	66.00	.00	.00	713.04	772.00	719.64	.00	719.69	3.15	2.13	601.04	434.73
141.000	63.00	.00	.00	713.07	158.00	717.33	.00	717.36	2.81	1.38	119.77	94.32
141.000	63.00	.00	.00	713.07	257.00	717.92	.00	717.97	3.87	1.81	161.86	130.59
141.000	63.00	.00	.00	713.07	329.00	718.25	.00	718.31	4.45	2.07	194.44	155.91
141.000	63.00	.00	.00	713.07	426.00	718.61	.00	718.69	5.16	2.37	232.33	187.52
141.000	63.00	.00	.00	713.07	502.00	718.86	.00	718.96	5.69	2.58	257.45	210.37
* 141.000	63.00	.00	.00	713.07	581.00	719.10	.00	719.21	6.14	2.78	282.46	234.52
* 141.000	63.00	.00	.00	713.07	772.00	719.62	.00	719.76	7.03	3.19	336.59	291.24
* 142.000	61.00	.00	.00	713.10	158.00	717.37	.00	717.37	.56	.79	258.85	211.20
* 142.000	61.00	.00	.00	713.10	257.00	717.97	.00	717.99	.89	1.10	305.51	272.06
* 142.000	61.00	.00	.00	713.10	329.00	718.32	.00	718.34	1.13	1.30	331.81	308.91
* 142.000	61.00	.00	.00	713.10	426.00	718.69	.00	718.72	1.47	1.56	360.30	350.82
* 142.000	61.00	.00	.00	713.10	502.00	718.95	.00	718.99	1.74	1.75	380.05	381.04
* 142.000	61.00	.00	.00	713.10	581.00	719.20	.00	719.25	2.00	1.93	398.91	410.78
* 142.000	61.00	.00	.00	713.10	772.00	719.73	.00	719.80	2.61	2.34	439.56	477.69
* 143.000	101.00	.00	.00	713.20	158.00	717.37	.00	717.40	2.62	1.39	113.29	97.54
* 143.000	101.00	.00	.00	713.20	257.00	717.97	.00	718.02	3.99	1.92	134.01	128.69
* 143.000	101.00	.00	.00	713.20	329.00	718.31	.00	718.39	4.91	2.25	146.01	148.45
* 143.000	101.00	.00	.00	713.20	426.00	718.68	.00	718.79	6.21	2.68	158.93	171.00
* 143.000	101.00	.00	.00	713.20	502.00	718.93	.00	719.07	7.18	2.99	167.85	187.29
* 143.000	101.00	.00	.00	713.20	581.00	719.18	.00	719.34	8.17	3.29	176.33	203.32
* 143.000	101.00	.00	.00	713.20	772.00	719.69	.00	719.94	10.40	3.97	194.48	239.39

SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K	
144.000	23.50	728.30	725.50	713.20	158.00	717.37	.00	717.40	2.64	1.40	113.06	97.23	
144.000	23.50	728.30	725.50	713.20	257.00	717.97	.00	718.03	3.97	1.92	134.16	128.93	
144.000	23.50	728.30	725.50	713.20	329.00	718.32	.00	718.39	4.89	2.25	146.23	148.83	
144.000	23.50	728.30	725.50	713.20	426.00	718.69	.00	718.80	6.16	2.67	159.28	171.62	
144.000	23.50	728.30	725.50	713.20	502.00	718.95	.00	719.08	7.12	2.98	168.31	188.14	
144.000	23.50	728.30	725.50	713.20	581.00	719.19	.00	719.36	8.07	3.28	176.93	204.48	
144.000	23.50	728.30	725.50	713.20	772.00	719.72	.00	719.96	10.22	3.95	195.49	241.47	
*	145.000	50.00	.00	.00	712.20	158.00	717.40	.00	717.41	.15	.46	345.71	402.48
*	145.000	50.00	.00	.00	712.20	257.00	718.04	.00	718.05	.26	.65	393.95	500.37
*	145.000	50.00	.00	.00	712.20	329.00	718.41	.00	718.42	.34	.78	422.07	561.32
*	145.000	50.00	.00	.00	712.20	426.00	718.82	.00	718.83	.45	.94	453.30	632.23
*	145.000	50.00	.00	.00	712.20	502.00	719.11	.00	719.13	.54	1.06	475.29	684.18
*	145.000	50.00	.00	.00	712.20	581.00	719.39	.00	719.41	.62	1.17	496.61	736.08
*	145.000	50.00	.00	.00	712.20	772.00	720.01	.00	720.04	.81	1.42	543.46	855.42
146.000	180.50	723.10	718.80	712.20	158.00	717.43	.00	717.44	.15	.45	348.17	407.27	
146.000	180.50	723.10	718.80	712.20	257.00	718.10	.00	718.11	.25	.64	399.07	511.26	
146.000	180.50	723.10	718.80	712.20	329.00	718.50	.00	718.51	.32	.77	429.45	577.76	
146.000	180.50	723.10	718.80	712.20	426.00	718.95	.00	718.96	.42	.92	463.62	656.40	
146.000	180.50	723.10	718.80	712.20	502.00	719.27	.00	719.29	.49	1.03	488.42	715.97	
146.000	180.50	723.10	718.80	712.20	581.00	719.59	.00	719.61	.56	1.13	512.04	774.59	
146.000	180.50	723.10	718.80	712.20	772.00	720.31	.00	720.34	.71	1.36	566.49	916.69	
*	147.000	60.00	.00	.00	712.10	158.00	717.44	.00	717.44	.04	.26	985.40	746.45
*	147.000	60.00	.00	.00	712.10	257.00	718.11	.00	718.11	.07	.36	1168.17	956.81
*	147.000	60.00	.00	.00	712.10	329.00	718.51	.00	718.51	.09	.42	1277.12	1092.32
*	147.000	60.00	.00	.00	712.10	426.00	718.96	.00	718.97	.11	.50	1402.85	1257.66
*	147.000	60.00	.00	.00	712.10	502.00	719.29	.00	719.30	.13	.55	1492.41	1381.11
*	147.000	60.00	.00	.00	712.10	581.00	719.62	.00	719.62	.15	.61	1580.42	1506.91
*	147.000	60.00	.00	.00	712.10	772.00	720.34	.00	720.35	.18	.71	1782.14	1811.43
*	147.500	290.00	.00	.00	712.15	158.00	717.44	.00	717.44	.01	.15	2582.49	1344.54
*	147.500	290.00	.00	.00	712.15	257.00	718.11	.00	718.11	.02	.18	3300.34	1883.20
*	147.500	290.00	.00	.00	712.15	329.00	718.51	.00	718.51	.02	.21	3749.27	2248.09
*	147.500	290.00	.00	.00	712.15	426.00	718.97	.00	718.97	.02	.23	4282.79	2708.95
*	147.500	290.00	.00	.00	712.15	502.00	719.30	.00	719.30	.03	.25	4683.80	3068.88
*	147.500	290.00	.00	.00	712.15	581.00	719.62	.00	719.62	.03	.26	5092.58	3445.72
*	147.500	290.00	.00	.00	712.15	772.00	720.35	.00	720.35	.03	.29	6063.73	4377.72
*	148.000	290.00	.00	.00	712.20	158.00	717.44	.00	717.44	.00	.08	3758.05	2429.06
*	148.000	290.00	.00	.00	712.20	257.00	718.11	.00	718.11	.01	.11	4589.19	3180.24
*	148.000	290.00	.00	.00	712.20	329.00	718.51	.00	718.51	.01	.13	5117.65	3679.89
*	148.000	290.00	.00	.00	712.20	426.00	718.97	.00	718.97	.01	.15	5750.28	4306.14
*	148.000	290.00	.00	.00	712.20	502.00	719.30	.00	719.30	.01	.16	6224.56	4790.74
*	148.000	290.00	.00	.00	712.20	581.00	719.62	.00	719.62	.01	.18	6706.75	5294.71
*	148.000	290.00	.00	.00	712.20	772.00	720.35	.00	720.35	.01	.20	7847.57	6528.45

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SECNO	XLCH	ELTRD	ELLC	ELMIN	Q	CWSEL	CRWS	EG	10*KS	VCH	AREA	.01K
149.000	635.00	.00	.00	712.30	158.00	717.44	.00	717.44	.00	.07	5362.04	2760.26
149.000	635.00	.00	.00	712.30	257.00	718.11	.00	718.11	.00	.09	6696.20	3788.52
149.000	635.00	.00	.00	712.30	329.00	718.51	.00	718.51	.01	.10	7525.07	4479.09
149.000	635.00	.00	.00	712.30	426.00	718.97	.00	718.97	.01	.12	8495.17	5344.72
149.000	635.00	.00	.00	712.30	502.00	719.30	.00	719.30	.01	.13	9202.32	6014.06
149.000	635.00	.00	.00	712.30	581.00	719.62	.00	719.62	.01	.14	9904.98	6708.48
149.000	635.00	.00	.00	712.30	772.00	720.35	.00	720.35	.01	.16	11511.62	8398.98

LITTLE MENOMONEE

SUMMARY PRINTOUT TABLE 150

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH	
1.000	462.00	697.00	.00	.00	.00	52.50	.00	
1.000	654.00	698.30	1.30	.00	.00	92.87	.00	
1.000	802.00	699.85	1.55	.00	.00	198.72	.00	
1.000	1041.00	700.45	.60	.00	.00	267.50	.00	
1.000	1243.00	701.25	.80	.00	.00	290.00	.00	
1.000	1465.00	701.90	.65	.00	.00	290.00	.00	
1.000	2081.00	703.80	1.90	.00	.00	290.00	.00	
*	2.000	462.00	697.60	.00	.60	.00	149.63	257.00
*	2.000	654.00	698.81	1.22	.51	.00	182.38	257.00
*	2.000	802.00	700.11	1.30	.26	.00	211.00	257.00
*	2.000	1041.00	700.74	.62	.29	.00	211.00	257.00
*	2.000	1243.00	701.48	.74	.23	.00	211.00	257.00
*	2.000	1465.00	702.10	.62	.20	.00	211.00	257.00
*	2.000	2081.00	703.93	1.83	.13	.00	211.00	257.00
*	3.000	462.00	697.59	.00	-.01	.00	87.68	90.00
*	3.000	654.00	698.81	1.22	-.01	.00	101.87	90.00
*	3.000	802.00	700.11	1.30	-.01	.00	117.00	90.00
*	3.000	1041.00	700.73	.62	-.01	.00	123.90	90.00
*	3.000	1243.00	701.47	.74	-.01	.00	123.95	90.00
*	3.000	1465.00	702.09	.62	-.01	.00	123.98	90.00
*	3.000	2081.00	703.92	1.83	-.01	.00	124.09	90.00
4.000	462.00	697.59	.00	.00	.00	87.73	109.00	
4.000	654.00	698.81	1.22	.00	.00	101.91	109.00	
4.000	802.00	700.11	1.30	.00	.00	117.03	109.00	
4.000	1041.00	700.73	.62	.00	.00	123.90	109.00	
4.000	1243.00	701.47	.74	.00	.00	123.95	109.00	
4.000	1465.00	702.09	.62	.00	.00	123.98	109.00	
4.000	2081.00	703.92	1.83	.00	.00	124.09	109.00	
*	5.000	462.00	697.35	.00	-.24	.00	32.34	52.00
*	5.000	654.00	698.57	1.22	-.24	.00	67.57	52.00
*	5.000	802.00	699.99	1.42	-.12	.00	217.68	52.00
*	5.000	1041.00	700.62	.64	-.11	.00	266.31	52.00
*	5.000	1243.00	701.40	.78	-.07	.00	315.16	52.00
*	5.000	1465.00	702.05	.65	-.05	.00	346.61	52.00
*	5.000	2081.00	703.92	1.87	.00	.00	378.00	52.00
*	6.000	462.00	698.16	.00	.81	.00	241.18	100.00
*	6.000	654.00	699.31	1.15	.75	.00	342.32	100.00
*	6.000	802.00	700.38	1.06	.39	.00	352.00	100.00
*	6.000	1041.00	700.99	.62	.37	.00	352.00	100.00
*	6.000	1243.00	701.67	.67	.26	.00	352.00	100.00
*	6.000	1465.00	702.26	.59	.21	.00	352.00	100.00
*	6.000	2081.00	704.03	1.77	.11	.00	352.00	100.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH	
7.000	462.00	698.48	.00	.32	.00	302.23	100.00	
7.000	654.00	699.43	.95	.12	.00	347.30	100.00	
7.000	802.00	700.43	1.00	.05	.00	354.93	100.00	
7.000	1041.00	701.04	.61	.05	.00	359.64	100.00	
7.000	1243.00	701.71	.67	.04	.00	366.60	100.00	
7.000	1465.00	702.30	.59	.04	.00	382.58	100.00	
7.000	2081.00	704.06	1.76	.03	.00	427.90	100.00	
8.000	462.00	698.68	.00	.20	.00	289.94	100.00	
8.000	654.00	699.52	.84	.09	.00	376.33	100.00	
8.000	802.00	700.47	.95	.04	.00	408.01	100.00	
8.000	1041.00	701.08	.61	.04	.00	420.80	100.00	
8.000	1243.00	701.74	.66	.04	.00	433.08	100.00	
8.000	1465.00	702.33	.59	.04	.00	442.65	100.00	
8.000	2081.00	704.09	1.75	.03	.00	466.27	100.00	
9.000	462.00	698.86	.00	.18	.00	280.27	98.00	
9.000	654.00	699.61	.76	.10	.00	368.25	98.00	
9.000	802.00	700.51	.90	.04	.00	417.46	98.00	
9.000	1041.00	701.12	.61	.04	.00	439.54	98.00	
9.000	1243.00	701.78	.65	.03	.00	462.10	98.00	
9.000	1465.00	702.36	.59	.03	.00	483.16	98.00	
9.000	2081.00	704.11	1.75	.02	.00	499.26	98.00	
*	9.500	462.00	699.11	.00	.25	.00	785.63	289.00
*	9.500	654.00	699.80	.69	.18	.00	829.61	289.00
*	9.500	802.00	700.61	.82	.10	.00	882.00	289.00
*	9.500	1041.00	701.22	.60	.09	.00	930.74	289.00
*	9.500	1243.00	701.85	.64	.08	.00	981.18	289.00
*	9.500	1465.00	702.43	.58	.07	.00	1027.08	289.00
*	9.500	2081.00	704.16	1.73	.05	.00	1075.69	289.00
*	9.600	462.00	699.16	.00	.05	.00	499.04	240.00
*	9.600	654.00	699.83	.67	.03	.00	648.96	240.00
*	9.600	802.00	700.63	.80	.02	.00	737.03	240.00
*	9.600	1041.00	701.23	.60	.02	.00	790.29	240.00
*	9.600	1243.00	701.87	.63	.01	.00	844.06	240.00
*	9.600	1465.00	702.45	.58	.01	.00	883.02	240.00
*	9.600	2081.00	704.17	1.72	.01	.00	1005.28	240.00
*	10.000	462.00	699.29	.00	.13	.00	762.70	255.00
*	10.000	654.00	699.92	.63	.09	.00	832.89	255.00
*	10.000	802.00	700.68	.76	.05	.00	917.34	255.00
*	10.000	1041.00	701.28	.60	.04	.00	974.34	255.00
*	10.000	1243.00	701.90	.62	.04	.00	1033.71	255.00
*	10.000	1465.00	702.48	.57	.03	.00	1088.48	255.00
*	10.000	2081.00	704.19	1.71	.02	.00	1247.90	255.00

	SECCO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	10.500	462.00	699.32	.00	.03	.00	595.23	237.00
*	10.500	654.00	699.95	.63	.03	.00	687.94	237.00
*	10.500	802.00	700.70	.75	.02	.00	760.79	237.00
	10.500	1041.00	701.30	.60	.02	.00	802.38	237.00
	10.500	1243.00	701.92	.62	.01	.00	833.92	237.00
	10.500	1465.00	702.49	.57	.01	.00	861.26	237.00
	10.500	2081.00	704.20	1.71	.01	.00	936.41	237.00
	11.000	462.00	699.39	.00	.07	.00	596.30	210.00
	11.000	654.00	700.01	.62	.06	.00	697.59	210.00
	11.000	802.00	700.73	.73	.03	.00	792.68	210.00
	11.000	1041.00	701.33	.59	.03	.00	832.41	210.00
	11.000	1243.00	701.94	.62	.03	.00	874.16	210.00
	11.000	1465.00	702.51	.57	.02	.00	912.58	210.00
	11.000	2081.00	704.21	1.70	.02	.00	1025.41	210.00
*	11.500	462.00	699.46	.00	.07	.00	425.05	252.00
*	11.500	654.00	700.07	.61	.06	.00	621.98	252.00
*	11.500	802.00	700.78	.70	.04	.00	676.78	252.00
*	11.500	1041.00	701.37	.59	.04	.00	752.83	252.00
*	11.500	1243.00	701.97	.61	.03	.00	815.74	252.00
	11.500	1465.00	702.54	.56	.03	.00	853.99	252.00
	11.500	2081.00	704.23	1.69	.02	.00	933.78	252.00
	12.000	462.00	699.65	.00	.19	.00	419.01	249.00
	12.000	654.00	700.22	.57	.15	.00	626.11	249.00
	12.000	802.00	700.86	.64	.09	.00	716.71	249.00
	12.000	1041.00	701.44	.57	.07	.00	765.66	249.00
	12.000	1243.00	702.03	.59	.05	.00	817.04	249.00
	12.000	1465.00	702.58	.55	.04	.00	864.79	249.00
	12.000	2081.00	704.25	1.67	.02	.00	937.10	249.00
	13.000	462.00	699.73	.00	.08	.00	467.33	66.00
	13.000	654.00	700.31	.57	.08	.00	624.48	66.00
	13.000	802.00	700.91	.60	.05	.00	666.70	66.00
	13.000	1041.00	701.47	.56	.04	.00	707.91	66.00
	13.000	1243.00	702.05	.58	.03	.00	751.16	66.00
	13.000	1465.00	702.60	.55	.02	.00	786.72	66.00
	13.000	2081.00	704.26	1.66	.01	.00	894.90	66.00
*	13.500	462.00	699.71	.00	-.02	.00	466.43	6.00
*	13.500	654.00	700.30	.59	.00	.00	624.46	6.00
*	13.500	802.00	700.92	.61	.01	.00	666.70	6.00
*	13.500	1041.00	701.49	.57	.01	.00	708.98	6.00
	13.500	1243.00	702.05	.57	.00	.00	751.91	6.00
	13.500	1465.00	702.60	.55	.00	.00	787.61	6.00
	13.500	2081.00	704.26	1.66	.00	.00	895.49	6.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	14.000	462.00	699.84	.00	.13	.00	155.00	50.00
*	14.000	654.00	700.35	.51	.05	.00	608.11	50.00
*	14.000	802.00	700.93	.58	.02	.00	648.60	50.00
*	14.000	1041.00	701.49	.56	.01	.00	692.31	50.00
	14.000	1243.00	702.05	.56	.00	.00	729.33	50.00
	14.000	1465.00	702.60	.55	.00	.00	778.74	50.00
	14.000	2081.00	704.26	1.66	.00	.00	891.80	50.00
	14.500	462.00	699.98	.00	.14	.00	622.33	196.00
	14.500	654.00	700.54	.56	.19	.00	656.90	196.00
	14.500	802.00	701.07	.53	.14	.00	676.75	196.00
	14.500	1041.00	701.61	.54	.12	.00	710.73	196.00
	14.500	1243.00	702.14	.53	.09	.00	741.04	196.00
	14.500	1465.00	702.68	.53	.07	.00	776.81	196.00
	14.500	2081.00	704.30	1.63	.04	.00	855.58	196.00
	15.000	462.00	700.08	.00	.10	.00	482.17	169.00
	15.000	654.00	700.61	.53	.07	.00	604.77	169.00
	15.000	802.00	701.12	.51	.05	.00	643.66	169.00
	15.000	1041.00	701.66	.53	.04	.00	685.00	169.00
	15.000	1243.00	702.18	.52	.04	.00	724.56	169.00
	15.000	1465.00	702.71	.53	.03	.00	764.35	169.00
	15.000	2081.00	704.32	1.61	.02	.00	879.36	169.00
	15.500	462.00	700.21	.00	.13	.00	460.13	247.00
	15.500	654.00	700.73	.53	.12	.00	515.69	247.00
	15.500	802.00	701.21	.48	.09	.00	555.04	247.00
	15.500	1041.00	701.74	.52	.08	.00	595.70	247.00
	15.500	1243.00	702.25	.51	.07	.00	645.46	247.00
	15.500	1465.00	702.76	.52	.06	.00	712.32	247.00
	15.500	2081.00	704.36	1.59	.03	.00	861.39	247.00
	16.000	462.00	700.39	.00	.18	.00	441.43	236.00
	16.000	654.00	700.90	.51	.16	.00	555.17	236.00
	16.000	802.00	701.34	.45	.13	.00	594.76	236.00
	16.000	1041.00	701.86	.51	.12	.00	640.12	236.00
	16.000	1243.00	702.35	.49	.10	.00	683.55	236.00
	16.000	1465.00	702.85	.50	.09	.00	726.95	236.00
	16.000	2081.00	704.40	1.56	.05	.00	856.99	236.00
*	16.500	462.00	700.66	.00	.28	.00	147.37	252.00
*	16.500	654.00	701.14	.48	.25	.00	591.62	252.00
*	16.500	802.00	701.53	.39	.19	.00	648.36	252.00
*	16.500	1041.00	702.02	.49	.16	.00	708.12	252.00
	16.500	1243.00	702.48	.46	.13	.00	740.60	252.00
	16.500	1465.00	702.96	.48	.11	.00	777.44	252.00
	16.500	2081.00	704.46	1.50	.06	.00	935.91	252.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH	
*	17.000	462.00	701.01	.00	.35	.00	546.90	245.00
*	17.000	654.00	701.52	.51	.37	.00	607.44	245.00
*	17.000	802.00	701.85	.33	.31	.00	647.15	245.00
*	17.000	1041.00	702.28	.43	.26	.00	698.55	245.00
*	17.000	1243.00	702.68	.40	.20	.00	748.64	245.00
*	17.000	1465.00	703.11	.44	.16	.00	812.62	245.00
*	17.000	2081.00	704.54	1.42	.07	.00	1020.83	245.00
	17.500	462.00	701.23	.00	.22	.00	585.53	256.00
	17.500	654.00	701.71	.49	.20	.00	703.50	256.00
	17.500	802.00	702.03	.32	.18	.00	755.30	256.00
	17.500	1041.00	702.45	.42	.17	.00	792.87	256.00
	17.500	1243.00	702.82	.38	.15	.00	824.02	256.00
	17.500	1465.00	703.24	.41	.12	.00	857.29	256.00
	17.500	2081.00	704.60	1.36	.07	.00	987.94	256.00
*	18.000	462.00	701.35	.00	.13	.00	490.67	249.00
*	18.000	654.00	701.83	.48	.12	.00	522.92	249.00
*	18.000	802.00	702.14	.31	.11	.00	527.60	249.00
*	18.000	1041.00	702.54	.41	.10	.00	528.83	249.00
*	18.000	1243.00	702.91	.37	.09	.00	823.63	249.00
*	18.000	1465.00	703.31	.40	.07	.00	847.64	249.00
*	18.000	2081.00	704.64	1.33	.04	.00	933.88	249.00
*	19.000	462.00	701.39	.00	.04	.00	548.50	300.00
*	19.000	654.00	701.88	.48	.05	.00	608.02	300.00
*	19.000	802.00	702.19	.31	.05	.00	647.63	300.00
*	19.000	1041.00	702.60	.42	.06	.00	676.68	300.00
*	19.000	1243.00	702.97	.37	.06	.00	693.80	300.00
*	19.000	1465.00	703.37	.40	.06	.00	711.68	300.00
*	19.000	2081.00	704.68	1.32	.04	.00	764.45	300.00
	19.500	462.00	701.49	.00	.09	.00	497.48	253.00
	19.500	654.00	701.97	.48	.09	.00	528.99	253.00
	19.500	802.00	702.28	.31	.09	.00	549.25	253.00
	19.500	1041.00	702.69	.41	.09	.00	574.99	253.00
	19.500	1243.00	703.05	.36	.08	.00	589.88	253.00
	19.500	1465.00	703.44	.39	.08	.00	602.09	253.00
	19.500	2081.00	704.73	1.29	.05	.00	635.62	253.00
	20.000	462.00	701.58	.00	.09	.00	444.26	260.00
	20.000	654.00	702.06	.48	.09	.00	472.60	260.00
	20.000	802.00	702.37	.31	.09	.00	475.99	260.00
	20.000	1041.00	702.79	.42	.09	.00	480.57	260.00
	20.000	1243.00	703.14	.36	.09	.00	484.48	260.00
	20.000	1465.00	703.53	.39	.08	.00	488.71	260.00
	20.000	2081.00	704.79	1.26	.06	.00	504.26	260.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
21.000	462.00	701.61	.00	.03	.00	363.46	98.00
21.000	654.00	702.09	.48	.03	.00	383.48	98.00
21.000	802.00	702.40	.31	.03	.00	386.59	98.00
21.000	1041.00	702.82	.42	.03	.00	390.81	98.00
21.000	1243.00	703.17	.36	.03	.00	394.40	98.00
21.000	1465.00	703.56	.38	.03	.00	398.28	98.00
21.000	2081.00	704.81	1.25	.02	.00	410.85	98.00
22.000	462.00	701.66	.00	.04	.00	281.97	98.00
22.000	654.00	702.13	.48	.04	.00	289.59	98.00
22.000	802.00	702.44	.31	.04	.00	294.49	98.00
22.000	1041.00	702.86	.42	.04	.00	301.35	98.00
22.000	1243.00	703.21	.35	.04	.00	307.23	98.00
22.000	1465.00	703.60	.38	.04	.00	313.55	98.00
22.000	2081.00	704.84	1.24	.03	.00	334.09	98.00
23.000	462.00	701.69	.00	.04	.00	155.77	98.00
23.000	654.00	702.17	.47	.03	.00	197.44	98.00
23.000	802.00	702.47	.31	.03	.00	202.46	98.00
23.000	1041.00	702.89	.42	.03	.00	208.67	98.00
23.000	1243.00	703.24	.35	.03	.00	212.88	98.00
23.000	1465.00	703.62	.38	.02	.00	217.41	98.00
23.000	2081.00	704.85	1.23	.01	.00	234.09	98.00
24.000	462.00	701.90	.00	.21	.00	123.84	105.00
24.000	654.00	702.42	.52	.25	.00	123.85	105.00
24.000	802.00	702.74	.33	.27	.00	123.86	105.00
24.000	1041.00	703.19	.45	.30	.00	123.87	105.00
24.000	1243.00	703.55	.36	.31	.00	123.88	105.00
24.000	1465.00	703.93	.38	.31	.00	123.89	105.00
24.000	2081.00	705.09	1.16	.24	.00	123.93	105.00
25.000	462.00	701.90	.00	.00	.00	123.84	112.50
25.000	654.00	702.42	.52	.00	.00	123.85	112.50
25.000	802.00	702.75	.33	.00	.00	123.86	112.50
25.000	1041.00	703.19	.45	.00	.00	123.87	112.50
25.000	1243.00	703.55	.36	.00	.00	123.88	112.50
25.000	1465.00	703.93	.38	.00	.00	123.89	112.50
25.000	2081.00	705.18	1.25	.09	.00	123.93	112.50
26.000	462.00	701.89	.00	-.01	.00	155.00	62.00
26.000	654.00	702.40	.51	-.02	.00	155.00	62.00
26.000	802.00	702.72	.32	-.02	.00	155.00	62.00
26.000	1041.00	703.16	.44	-.03	.00	155.00	62.00
26.000	1243.00	703.51	.35	-.04	.00	155.00	62.00
26.000	1465.00	703.89	.37	-.04	.00	155.00	62.00
26.000	2081.00	705.13	1.24	-.05	.00	155.00	62.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
27.000	462.00	701.95	.00	.06	.00	354.81	100.00
27.000	654.00	702.50	.55	.10	.00	365.00	100.00
27.000	802.00	702.85	.35	.13	.00	365.00	100.00
27.000	1041.00	703.34	.49	.18	.00	365.00	100.00
27.000	1243.00	703.73	.39	.22	.00	365.00	100.00
27.000	1465.00	704.14	.41	.25	.00	365.00	100.00
* 27.000	2081.00	705.43	1.30	.31	.00	365.00	100.00
28.000	462.00	702.02	.00	.08	.00	496.40	101.00
28.000	654.00	702.58	.55	.08	.00	521.20	101.00
28.000	802.00	702.93	.36	.08	.00	532.00	101.00
28.000	1041.00	703.42	.49	.09	.00	532.00	101.00
28.000	1243.00	703.82	.39	.09	.00	532.00	101.00
28.000	1465.00	704.23	.41	.09	.00	532.00	101.00
28.000	2081.00	705.52	1.29	.08	.00	532.00	101.00
29.000	462.00	702.07	.00	.05	.00	582.79	101.00
29.000	654.00	702.62	.55	.04	.00	602.87	101.00
29.000	802.00	702.98	.36	.04	.00	614.61	101.00
29.000	1041.00	703.47	.49	.04	.00	630.58	101.00
29.000	1243.00	703.86	.39	.04	.00	643.37	101.00
29.000	1465.00	704.27	.41	.04	.00	665.19	101.00
29.000	2081.00	705.55	1.28	.04	.00	780.57	101.00
30.000	462.00	702.11	.00	.04	.00	642.31	100.00
30.000	654.00	702.65	.55	.03	.00	659.95	100.00
30.000	802.00	703.01	.35	.03	.00	669.44	100.00
30.000	1041.00	703.50	.49	.03	.00	683.19	100.00
30.000	1243.00	703.89	.39	.03	.00	694.38	100.00
30.000	1465.00	704.30	.41	.03	.00	704.60	100.00
30.000	2081.00	705.57	1.27	.02	.00	769.37	100.00
31.000	462.00	702.14	.00	.03	.00	551.34	100.00
31.000	654.00	702.68	.54	.03	.00	585.58	100.00
31.000	802.00	703.03	.35	.03	.00	601.65	100.00
31.000	1041.00	703.52	.49	.02	.00	623.97	100.00
31.000	1243.00	703.91	.39	.02	.00	641.75	100.00
31.000	1465.00	704.32	.41	.02	.00	660.35	100.00
31.000	2081.00	705.59	1.27	.02	.00	709.16	100.00
31.500	462.00	702.19	.00	.05	.00	645.07	155.00
31.500	654.00	702.73	.54	.05	.00	666.48	155.00
31.500	802.00	703.08	.35	.05	.00	676.56	155.00
31.500	1041.00	703.57	.49	.05	.00	686.85	155.00
31.500	1243.00	703.96	.39	.04	.00	695.07	155.00
31.500	1465.00	704.36	.41	.04	.00	707.99	155.00
31.500	2081.00	705.62	1.26	.03	.00	777.81	155.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
32.000	462.00	702.23	.00	.04	.00	502.61	156.00
32.000	654.00	702.77	.53	.04	.00	542.67	156.00
32.000	802.00	703.12	.35	.04	.00	561.24	156.00
32.000	1041.00	703.60	.49	.04	.00	587.20	156.00
32.000	1243.00	703.99	.39	.03	.00	607.84	156.00
32.000	1465.00	704.40	.41	.03	.00	629.43	156.00
32.000	2081.00	705.65	1.25	.03	.00	686.39	156.00
33.000	462.00	702.29	.00	.06	.00	464.47	190.00
33.000	654.00	702.82	.53	.05	.00	481.43	190.00
33.000	802.00	703.17	.35	.05	.00	491.68	190.00
33.000	1041.00	703.66	.49	.05	.00	506.21	190.00
33.000	1243.00	704.04	.39	.05	.00	530.81	190.00
33.000	1465.00	704.45	.40	.05	.00	547.29	190.00
33.000	2081.00	705.69	1.24	.04	.00	578.12	190.00
33.500	462.00	702.37	.00	.09	.00	324.34	228.00
33.500	654.00	702.90	.53	.08	.00	331.14	228.00
33.500	802.00	703.25	.35	.08	.00	335.60	228.00
33.500	1041.00	703.74	.49	.08	.00	343.95	228.00
33.500	1243.00	704.12	.38	.08	.00	351.59	228.00
33.500	1465.00	704.52	.40	.08	.00	360.21	228.00
33.500	2081.00	705.75	1.22	.06	.00	398.92	228.00
34.000	462.00	702.44	.00	.07	.00	259.41	160.00
34.000	654.00	702.97	.53	.07	.00	264.76	160.00
34.000	802.00	703.32	.35	.07	.00	268.27	160.00
34.000	1041.00	703.81	.49	.07	.00	273.21	160.00
34.000	1243.00	704.20	.38	.07	.00	277.10	160.00
34.000	1465.00	704.59	.40	.07	.00	281.47	160.00
34.000	2081.00	705.80	1.21	.06	.00	295.55	160.00
35.000	462.00	702.49	.00	.05	.00	181.97	100.00
35.000	654.00	703.02	.53	.05	.00	190.24	100.00
35.000	802.00	703.37	.35	.05	.00	195.90	100.00
35.000	1041.00	703.86	.49	.05	.00	204.60	100.00
35.000	1243.00	704.24	.38	.05	.00	211.32	100.00
35.000	1465.00	704.64	.40	.05	.00	224.09	100.00
35.000	2081.00	705.84	1.20	.03	.00	247.94	100.00
36.000	462.00	702.56	.00	.06	.00	76.00	96.00
36.000	654.00	703.09	.53	.07	.00	76.00	96.00
36.000	802.00	703.44	.35	.07	.00	76.00	96.00
36.000	1041.00	703.92	.49	.06	.00	76.00	96.00
36.000	1243.00	704.30	.38	.06	.00	76.00	96.00
36.000	1465.00	704.69	.39	.05	.00	76.00	96.00
36.000	2081.00	705.83	1.15	.00	.00	76.00	96.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH	
37.000	462.00	702.56	.00	.01	.00	32.00	49.00	
37.000	654.00	703.08	.52	.00	.00	32.00	49.00	
37.000	802.00	703.42	.34	-.02	.00	32.00	49.00	
37.000	1041.00	703.88	.46	-.04	.00	32.00	49.00	
37.000	1243.00	704.23	.35	-.07	.00	32.00	49.00	
37.000	1465.00	704.59	.36	-.10	.00	32.00	49.00	
37.000	2081.00	705.63	1.04	-.21	.00	32.00	49.00	
38.000	462.00	702.59	.00	.02	.00	32.00	39.00	
38.000	654.00	703.12	.53	.03	.00	32.00	39.00	
38.000	802.00	703.46	.35	.04	.00	32.00	39.00	
38.000	1041.00	703.94	.48	.06	.00	32.00	39.00	
38.000	1243.00	704.31	.37	.07	.00	32.00	39.00	
38.000	1465.00	704.68	.37	.09	.00	32.00	39.00	
38.000	2081.00	705.76	1.08	.13	.00	32.00	39.00	
*	39.000	462.00	702.75	.00	.16	.00	634.08	59.00
*	39.000	654.00	703.39	.64	.27	.00	761.83	59.00
*	39.000	802.00	703.83	.44	.36	.00	849.03	59.00
*	39.000	1041.00	704.47	.64	.53	.00	976.21	59.00
*	39.000	1243.00	704.98	.51	.68	.00	1044.98	59.00
*	39.000	1465.00	705.52	.54	.84	.00	1105.68	59.00
*	39.000	2081.00	707.04	1.52	1.28	.00	1255.08	59.00
*	39.300	462.00	702.73	.00	-.02	.00	251.26	47.00
*	39.300	654.00	703.36	.64	-.03	.00	459.31	47.00
*	39.300	802.00	703.80	.44	-.03	.00	581.40	47.00
*	39.300	1041.00	704.45	.65	-.02	.00	708.76	47.00
*	39.300	1243.00	704.97	.52	-.01	.00	767.57	47.00
*	39.300	1465.00	705.51	.54	-.01	.00	816.08	47.00
*	39.300	2081.00	707.03	1.52	.00	.00	945.60	47.00
	39.600	462.00	702.73	.00	.00	.00	251.26	8.00
	39.600	654.00	703.35	.63	-.01	.00	457.77	8.00
	39.600	802.00	703.79	.44	-.02	.00	579.18	8.00
	39.600	1041.00	704.44	.65	-.01	.00	707.57	8.00
*	39.600	1243.00	704.98	.54	.01	.00	767.56	8.00
*	39.600	1465.00	705.54	.56	.03	.00	818.49	8.00
	39.600	2081.00	707.05	1.51	.02	.00	946.01	8.00
*	40.000	462.00	702.84	.00	.11	.00	143.62	215.00
	40.000	654.00	703.49	.65	.14	.00	256.14	215.00
	40.000	802.00	703.93	.43	.14	.00	260.00	215.00
	40.000	1041.00	704.55	.62	.11	.00	260.00	215.00
	40.000	1243.00	705.08	.53	.11	.00	260.00	215.00
	40.000	1465.00	705.62	.54	.08	.00	260.00	215.00
*	40.000	2081.00	707.07	1.45	.02	.00	260.00	215.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
40.500	462.00	703.03	.00	.19	.00	81.95	182.00
40.500	654.00	703.67	.64	.18	.00	84.83	182.00
40.500	802.00	704.09	.41	.16	.00	86.69	182.00
40.500	1041.00	704.68	.59	.13	.00	130.00	182.00
40.500	1243.00	705.18	.50	.09	.00	130.00	182.00
* 40.500	1465.00	705.69	.51	.07	.00	130.00	182.00
* 40.500	2081.00	707.09	1.40	.02	.00	130.00	182.00
* 41.000	462.00	703.23	.00	.19	.00	105.21	105.00
* 41.000	654.00	703.92	.69	.25	.00	108.37	105.00
* 41.000	802.00	704.37	.45	.28	.00	110.41	105.00
* 41.000	1041.00	705.00	.64	.33	.00	115.36	105.00
* 41.000	1243.00	705.52	.52	.34	.00	119.80	105.00
* 41.000	1465.00	706.04	.52	.36	.00	119.80	105.00
* 41.000	2081.00	707.45	1.41	.36	.00	119.80	105.00
42.000	462.00	703.23	.00	.00	.00	105.21	91.00
42.000	654.00	703.92	.69	.00	.00	108.37	91.00
42.000	802.00	704.37	.45	.00	.00	110.42	91.00
42.000	1041.00	705.01	.64	.00	.00	115.36	91.00
42.000	1243.00	705.52	.52	.00	.00	119.80	91.00
42.000	1465.00	706.05	.52	.00	.00	119.80	91.00
42.000	2081.00	707.45	1.41	.00	.00	119.80	91.00
* 43.000	462.00	703.19	.00	-.03	.00	167.26	94.00
* 43.000	654.00	703.89	.69	-.03	.00	193.46	94.00
* 43.000	802.00	704.34	.45	-.03	.00	218.06	94.00
* 43.000	1041.00	704.98	.64	-.03	.00	220.00	94.00
* 43.000	1243.00	705.50	.52	-.02	.00	220.00	94.00
* 43.000	1465.00	706.03	.53	-.02	.00	220.00	94.00
* 43.000	2081.00	707.44	1.42	-.01	.00	220.00	94.00
44.000	462.00	703.23	.00	.03	.00	193.45	62.00
44.000	654.00	703.92	.70	.04	.00	248.51	62.00
44.000	802.00	704.38	.46	.04	.00	263.98	62.00
44.000	1041.00	705.03	.65	.06	.00	295.65	62.00
44.000	1243.00	705.56	.53	.06	.00	320.00	62.00
44.000	1465.00	706.10	.54	.07	.00	320.00	62.00
44.000	2081.00	707.53	1.43	.08	.00	320.00	62.00
45.000	462.00	703.27	.00	.04	.00	113.00	57.00
45.000	654.00	703.95	.68	.03	.00	190.51	57.00
45.000	802.00	704.40	.45	.02	.00	205.14	57.00
45.000	1041.00	705.05	.65	.02	.00	298.83	57.00
45.000	1243.00	705.58	.53	.01	.00	313.58	57.00
45.000	1465.00	706.11	.53	.01	.00	328.21	57.00
45.000	2081.00	707.53	1.43	.00	.00	413.67	57.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH	
46.000	462.00	703.35	.00	.08	.00	140.55	123.00	
46.000	654.00	704.05	.69	.09	.00	178.46	123.00	
46.000	802.00	704.50	.45	.09	.00	297.11	123.00	
46.000	1041.00	705.14	.64	.09	.00	419.83	123.00	
46.000	1243.00	705.67	.53	.09	.00	488.63	123.00	
46.000	1465.00	706.21	.54	.10	.00	575.16	123.00	
46.000	2081.00	707.65	1.43	.11	.00	725.19	123.00	
46.500	462.00	703.51	.00	.16	.00	48.20	187.00	
46.500	654.00	704.20	.69	.15	.00	317.89	187.00	
46.500	802.00	704.65	.45	.16	.00	461.39	187.00	
46.500	1041.00	705.30	.65	.16	.00	626.32	187.00	
46.500	1243.00	705.82	.52	.15	.00	654.07	187.00	
46.500	1465.00	706.34	.53	.13	.00	690.97	187.00	
46.500	2081.00	707.73	1.39	.08	.00	781.36	187.00	
*	47.000	462.00	703.70	.00	.19	.00	441.40	192.00
*	47.000	654.00	704.45	.75	.25	.00	655.73	192.00
*	47.000	802.00	704.90	.45	.24	.00	741.90	192.00
*	47.000	1041.00	705.50	.60	.20	.00	806.22	192.00
*	47.000	1243.00	705.97	.47	.15	.00	856.77	192.00
*	47.000	1465.00	706.47	.49	.12	.00	909.62	192.00
*	47.000	2081.00	707.80	1.34	.07	.00	1011.87	192.00
47.500	462.00	703.79	.00	.09	.00	234.66	244.00	
47.500	654.00	704.52	.73	.07	.00	403.49	244.00	
*	47.500	802.00	704.96	.44	.06	.00	525.43	244.00
*	47.500	1041.00	705.55	.59	.05	.00	599.21	244.00
*	47.500	1243.00	706.01	.47	.04	.00	624.54	244.00
*	47.500	1465.00	706.50	.49	.04	.00	643.12	244.00
47.500	2081.00	707.83	1.32	.02	.00	723.19	244.00	
48.000	462.00	703.95	.00	.16	.00	77.52	256.00	
48.000	654.00	704.65	.70	.14	.00	414.34	256.00	
48.000	802.00	705.07	.42	.12	.00	462.05	256.00	
48.000	1041.00	705.64	.57	.10	.00	528.03	256.00	
48.000	1243.00	706.10	.45	.09	.00	580.89	256.00	
48.000	1465.00	706.58	.48	.07	.00	636.46	256.00	
48.000	2081.00	707.88	1.30	.05	.00	816.91	256.00	
48.500	462.00	704.14	.00	.18	.00	254.62	251.00	
48.500	654.00	704.88	.74	.22	.00	402.01	251.00	
48.500	802.00	705.30	.42	.23	.00	483.60	251.00	
48.500	1041.00	705.86	.56	.22	.00	599.16	251.00	
48.500	1243.00	706.29	.43	.19	.00	675.64	251.00	
48.500	1465.00	706.74	.45	.17	.00	762.35	251.00	
48.500	2081.00	707.99	1.24	.11	.00	880.28	251.00	

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	49.000	462.00	704.33	.00	.19	.00	39.02	247.00
*	49.000	654.00	705.01	.68	.13	.00	350.13	247.00
*	49.000	802.00	705.42	.41	.11	.00	440.74	247.00
*	49.000	1041.00	705.96	.55	.10	.00	561.70	247.00
	49.000	1243.00	706.39	.42	.09	.00	655.49	247.00
	49.000	1465.00	706.83	.45	.09	.00	720.18	247.00
	49.000	2081.00	708.05	1.22	.06	.00	810.76	247.00
	49.500	462.00	704.70	.00	.38	.00	85.96	252.00
	49.500	654.00	705.38	.68	.37	.00	363.97	252.00
	49.500	802.00	705.76	.38	.34	.00	408.03	252.00
	49.500	1041.00	706.26	.50	.30	.00	723.48	252.00
	49.500	1243.00	706.65	.39	.26	.00	746.60	252.00
	49.500	1465.00	707.05	.40	.22	.00	777.64	252.00
	49.500	2081.00	708.17	1.13	.12	.00	792.23	252.00
	50.000	462.00	705.25	.00	.55	.00	121.78	249.00
	50.000	654.00	705.85	.60	.47	.00	163.71	249.00
	50.000	802.00	706.17	.32	.41	.00	185.86	249.00
*	50.000	1041.00	706.58	.41	.32	.00	214.72	249.00
*	50.000	1243.00	706.90	.32	.25	.00	948.61	249.00
*	50.000	1465.00	707.27	.36	.22	.00	982.17	249.00
	50.000	2081.00	708.31	1.05	.14	.00	1080.36	249.00
	50.500	462.00	705.78	.00	.52	.00	141.03	226.00
	50.500	654.00	706.39	.61	.54	.00	479.68	226.00
	50.500	802.00	706.74	.35	.57	.00	550.84	226.00
*	50.500	1041.00	707.21	.46	.63	.00	607.43	226.00
*	50.500	1243.00	707.47	.26	.57	.00	617.21	226.00
	50.500	1465.00	707.70	.23	.43	.00	625.78	226.00
	50.500	2081.00	708.49	.80	.18	.00	653.73	226.00
	51.000	462.00	706.25	.00	.47	.00	39.76	211.00
	51.000	654.00	706.78	.53	.39	.00	462.06	211.00
	51.000	802.00	707.07	.29	.33	.00	519.23	211.00
*	51.000	1041.00	707.47	.40	.26	.00	598.38	211.00
*	51.000	1243.00	707.73	.26	.26	.00	648.82	211.00
*	51.000	1465.00	707.97	.24	.27	.00	695.39	211.00
*	51.000	2081.00	708.72	.75	.23	.00	846.53	211.00
	51.500	462.00	706.76	.00	.52	.00	250.51	243.00
	51.500	654.00	707.39	.62	.61	.00	625.72	243.00
*	51.500	802.00	707.70	.31	.63	.00	639.24	243.00
*	51.500	1041.00	708.09	.39	.61	.00	697.89	243.00
*	51.500	1243.00	708.35	.26	.62	.00	804.52	243.00
*	51.500	1465.00	708.60	.25	.63	.00	833.18	243.00
	51.500	2081.00	709.25	.65	.53	.00	908.05	243.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
52.000	462.00	707.15	.00	.39	.00	407.77	250.00
52.000	654.00	707.72	.57	.33	.00	479.32	250.00
52.000	802.00	708.01	.29	.31	.00	516.45	250.00
52.000	1041.00	708.40	.39	.31	.00	565.00	250.00
52.000	1243.00	708.67	.27	.32	.00	646.49	250.00
52.000	1465.00	708.92	.26	.32	.00	689.01	250.00
52.000	2081.00	709.56	.64	.32	.00	795.77	250.00
52.500	462.00	707.50	.00	.35	.00	482.83	254.00
52.500	654.00	708.04	.54	.32	.00	522.17	254.00
52.500	802.00	708.34	.30	.33	.00	542.89	254.00
52.500	1041.00	708.74	.40	.35	.00	573.32	254.00
52.500	1243.00	709.03	.28	.36	.00	589.61	254.00
52.500	1465.00	709.29	.27	.37	.00	628.66	254.00
52.500	2081.00	709.95	.65	.38	.00	726.05	254.00
53.000	462.00	707.83	.00	.33	.00	105.86	249.00
53.000	654.00	708.33	.51	.30	.00	112.43	249.00
53.000	802.00	708.63	.30	.29	.00	271.34	249.00
* 53.000	1041.00	709.03	.40	.29	.00	319.90	249.00
* 53.000	1243.00	709.32	.29	.29	.00	355.02	249.00
* 53.000	1465.00	709.59	.27	.30	.00	387.55	249.00
* 53.000	2081.00	710.26	.66	.31	.00	466.91	249.00
53.500	462.00	708.14	.00	.31	.00	375.23	183.00
53.500	654.00	708.73	.59	.39	.00	398.72	183.00
* 53.500	802.00	709.09	.37	.46	.00	413.56	183.00
* 53.500	1041.00	709.57	.48	.54	.00	436.09	183.00
* 53.500	1243.00	709.91	.34	.59	.00	454.57	183.00
* 53.500	1465.00	710.23	.32	.64	.00	516.35	183.00
* 53.500	2081.00	710.97	.74	.72	.00	695.45	183.00
54.000	462.00	708.29	.00	.16	.00	369.01	184.00
54.000	654.00	708.87	.58	.14	.00	385.13	184.00
54.000	802.00	709.23	.36	.14	.00	395.37	184.00
54.000	1041.00	709.72	.48	.15	.00	414.39	184.00
54.000	1243.00	710.06	.34	.15	.00	433.87	184.00
54.000	1465.00	710.39	.33	.16	.00	537.98	184.00
54.000	2081.00	711.15	.76	.18	.00	747.29	184.00
55.000	462.00	708.36	.00	.06	.00	368.18	72.00
55.000	654.00	708.93	.57	.06	.00	372.00	72.00
55.000	802.00	709.29	.36	.06	.00	372.00	72.00
55.000	1041.00	709.78	.48	.06	.00	372.00	72.00
55.000	1243.00	710.12	.34	.06	.00	422.29	72.00
55.000	1465.00	710.45	.33	.06	.00	435.42	72.00
55.000	2081.00	711.22	.77	.07	.00	801.98	72.00

	SECDN	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	56.000	462.00	708.36	.00	.01	.00	99.79	63.00
*	56.000	654.00	708.91	.54	-.03	.00	211.92	63.00
*	56.000	802.00	709.26	.36	-.03	.00	212.98	63.00
*	56.000	1041.00	709.74	.48	-.04	.00	214.42	63.00
*	56.000	1243.00	710.08	.34	-.04	.00	215.44	63.00
*	56.000	1465.00	710.41	.33	-.05	.00	353.07	63.00
*	56.000	2081.00	711.19	.78	-.03	.00	847.92	63.00
*	57.000	462.00	708.61	.00	.25	.00	43.00	50.00
*	57.000	654.00	709.16	.55	.26	.00	43.00	50.00
*	57.000	802.00	709.48	.32	.22	.00	43.00	50.00
*	57.000	1041.00	710.00	.52	.26	.00	289.45	50.00
*	57.000	1243.00	710.42	.41	.34	.00	509.93	50.00
*	57.000	1465.00	710.76	.35	.35	.00	527.47	50.00
*	57.000	2081.00	711.51	.75	.33	.00	565.07	50.00
	58.000	462.00	708.73	.00	.12	.00	43.00	80.00
	58.000	654.00	709.45	.71	.29	.00	43.00	80.00
	58.000	802.00	709.94	.49	.46	.00	43.00	80.00
	58.000	1041.00	710.77	.84	.77	.00	345.90	80.00
	58.000	1243.00	711.22	.45	.80	.00	550.19	80.00
	58.000	1465.00	711.48	.27	.72	.00	563.50	80.00
	58.000	2081.00	711.94	.46	.43	.00	586.34	80.00
*	59.000	462.00	708.96	.00	.22	.00	97.89	780.00
*	59.000	654.00	709.74	.78	.29	.00	101.08	780.00
*	59.000	802.00	710.29	.55	.35	.00	110.22	780.00
	59.000	1041.00	711.07	.77	.29	.00	166.44	780.00
	59.000	1243.00	711.43	.36	.21	.00	167.95	780.00
	59.000	1465.00	711.72	.29	.23	.00	169.14	780.00
	59.000	2081.00	712.26	.54	.32	.00	171.40	780.00
	59.300	462.00	708.96	.00	.00	.00	97.90	130.00
	59.300	654.00	709.74	.78	.00	.00	101.09	130.00
	59.300	802.00	710.29	.55	.00	.00	110.33	130.00
	59.300	1041.00	711.07	.77	.00	.00	166.45	130.00
	59.300	1243.00	711.43	.36	.00	.00	167.96	130.00
	59.300	1465.00	711.72	.29	.00	.00	169.16	130.00
	59.300	2081.00	712.26	.55	.00	.00	171.42	130.00
	59.600	462.00	708.97	.00	.02	.00	105.53	98.00
	59.600	654.00	709.76	.79	.02	.00	110.13	98.00
	59.600	802.00	710.32	.55	.02	.00	114.37	98.00
*	59.600	1041.00	711.10	.78	.03	.00	1049.75	98.00
*	59.600	1243.00	711.48	.38	.05	.00	1082.05	98.00
*	59.600	1465.00	711.78	.30	.06	.00	1107.51	98.00
*	59.600	2081.00	712.37	.59	.11	.00	1157.13	98.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH	
60.000	462.00	708.98	.00	.00	.00	105.56	40.00	
60.000	654.00	709.79	.81	.03	.00	110.32	40.00	
60.000	802.00	710.36	.57	.04	.00	113.11	40.00	
60.000	1041.00	711.20	.83	.10	.00	1058.50	40.00	
60.000	1243.00	711.63	.43	.15	.00	1095.61	40.00	
60.000	1465.00	712.01	.38	.22	.00	1126.90	40.00	
60.000	2081.00	712.82	.81	.44	.00	1188.05	40.00	
*	61.000	462.00	708.96	.00	-.02	.00	205.00	29.00
*	61.000	654.00	709.78	.83	.00	.00	205.00	29.00
*	61.000	802.00	710.36	.58	.00	.00	205.00	29.00
*	61.000	1041.00	711.19	.83	.00	.00	205.00	29.00
*	61.000	1243.00	711.62	.43	-.01	.00	205.00	29.00
*	61.000	1465.00	711.99	.37	-.01	.00	205.00	29.00
*	61.000	2081.00	712.80	.80	-.02	.00	205.00	29.00
*	62.000	462.00	709.02	.00	.06	.00	347.00	56.00
*	62.000	654.00	709.83	.80	.04	.00	347.00	56.00
*	62.000	802.00	710.40	.57	.04	.00	347.00	56.00
*	62.000	1041.00	711.23	.83	.03	.00	347.00	56.00
*	62.000	1243.00	711.66	.43	.04	.00	347.00	56.00
*	62.000	1465.00	712.04	.38	.04	.00	347.00	56.00
*	62.000	2081.00	712.85	.82	.06	.00	347.00	56.00
63.000	462.00	709.08	.00	.06	.00	460.00	145.00	
63.000	654.00	709.85	.77	.03	.00	460.00	145.00	
63.000	802.00	710.42	.56	.02	.00	460.00	145.00	
63.000	1041.00	711.24	.82	.02	.00	460.00	145.00	
63.000	1243.00	711.68	.43	.02	.00	460.00	145.00	
63.000	1465.00	712.05	.38	.02	.00	460.00	145.00	
63.000	2081.00	712.87	.82	.02	.00	460.00	145.00	
*	64.000	462.00	709.14	.00	.06	.00	660.00	182.00
*	64.000	654.00	709.88	.74	.02	.00	660.00	182.00
*	64.000	802.00	710.43	.56	.02	.00	660.00	182.00
*	64.000	1041.00	711.25	.82	.01	.00	660.00	182.00
*	64.000	1243.00	711.69	.43	.01	.00	660.00	182.00
*	64.000	1465.00	712.06	.38	.01	.00	660.00	182.00
*	64.000	2081.00	712.89	.82	.01	.00	660.00	182.00
65.000	462.00	709.18	.00	.04	.00	750.00	85.00	
65.000	654.00	709.90	.72	.03	.00	750.00	85.00	
65.000	802.00	710.45	.55	.02	.00	750.00	85.00	
65.000	1041.00	711.27	.81	.01	.00	750.00	85.00	
65.000	1243.00	711.70	.43	.01	.00	750.00	85.00	
65.000	1465.00	712.08	.38	.02	.00	750.00	85.00	
65.000	2081.00	712.90	.83	.02	.00	750.00	85.00	

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
66.000	462.00	709.27	.00	.09	.00	762.18	178.00
66.000	654.00	709.95	.68	.04	.00	917.80	178.00
66.000	802.00	710.48	.53	.03	.00	997.09	178.00
66.000	1041.00	711.29	.80	.02	.00	1089.86	178.00
66.000	1243.00	711.72	.43	.02	.00	1126.55	178.00
66.000	1465.00	712.10	.38	.02	.00	1142.00	178.00
66.000	2081.00	712.93	.83	.02	.00	1142.00	178.00
67.000	462.00	709.31	.00	.04	.00	584.72	80.00
67.000	654.00	709.97	.65	.02	.00	738.05	80.00
67.000	802.00	710.49	.53	.01	.00	752.23	80.00
67.000	1041.00	711.29	.80	.01	.00	814.94	80.00
67.000	1243.00	711.72	.43	.00	.00	843.42	80.00
67.000	1465.00	712.10	.38	.00	.00	868.41	80.00
67.000	2081.00	712.93	.83	.00	.00	887.00	80.00
67.500	462.00	709.47	.00	.16	.00	697.33	247.00
67.500	654.00	710.07	.60	.10	.00	812.26	247.00
67.500	802.00	710.56	.49	.07	.00	902.45	247.00
67.500	1041.00	711.33	.77	.04	.00	950.50	247.00
67.500	1243.00	711.76	.43	.04	.00	972.76	247.00
67.500	1465.00	712.14	.38	.04	.00	994.52	247.00
67.500	2081.00	712.97	.83	.04	.00	1041.15	247.00
68.000	462.00	709.68	.00	.21	.00	688.14	255.00
68.000	654.00	710.19	.51	.12	.00	838.50	255.00
68.000	802.00	710.64	.44	.08	.00	968.03	255.00
68.000	1041.00	711.37	.74	.04	.00	1039.71	255.00
68.000	1243.00	711.80	.42	.03	.00	1080.43	255.00
68.000	1465.00	712.17	.37	.03	.00	1116.62	255.00
68.000	2081.00	713.00	.83	.03	.00	1182.11	255.00
68.500	462.00	709.79	.00	.11	.00	600.93	249.00
68.500	654.00	710.27	.49	.08	.00	959.36	249.00
68.500	802.00	710.70	.42	.06	.00	996.52	249.00
68.500	1041.00	711.41	.71	.03	.00	1050.25	249.00
68.500	1243.00	711.82	.42	.03	.00	1077.19	249.00
68.500	1465.00	712.20	.37	.03	.00	1112.63	249.00
68.500	2081.00	713.02	.82	.02	.00	1177.76	249.00
69.000	462.00	709.96	.00	.17	.00	596.64	256.00
69.000	654.00	710.40	.44	.12	.00	715.15	256.00
69.000	802.00	710.78	.38	.08	.00	947.39	256.00
69.000	1041.00	711.45	.67	.05	.00	1067.75	256.00
69.000	1243.00	711.86	.41	.04	.00	1140.96	256.00
69.000	1465.00	712.23	.37	.03	.00	1206.93	256.00
69.000	2081.00	713.05	.82	.03	.00	1340.50	256.00

SECNO	O	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH	
69.500	462.00	710.08	.00	.12	.00	519.23	254.00	
69.500	654.00	710.50	.42	.10	.00	608.84	254.00	
69.500	802.00	710.86	.36	.08	.00	760.40	254.00	
69.500	1041.00	711.50	.64	.05	.00	1107.25	254.00	
69.500	1243.00	711.90	.40	.04	.00	1176.57	254.00	
69.500	1465.00	712.26	.36	.03	.00	1224.29	254.00	
69.500	2081.00	713.08	.82	.03	.00	1295.25	254.00	
70.000	462.00	710.21	.00	.13	.00	584.51	250.00	
70.000	654.00	710.61	.40	.11	.00	824.29	250.00	
70.000	802.00	710.94	.33	.08	.00	881.36	250.00	
70.000	1041.00	711.54	.60	.04	.00	984.48	250.00	
70.000	1243.00	711.93	.39	.03	.00	1051.12	250.00	
70.000	1465.00	712.29	.36	.03	.00	1112.51	250.00	
70.000	2081.00	713.10	.81	.02	.00	1217.95	250.00	
70.300	462.00	710.25	.00	.05	.00	614.00	180.00	
70.300	654.00	710.65	.40	.04	.00	667.14	180.00	
70.300	802.00	710.97	.32	.03	.00	713.27	180.00	
*	70.300	1041.00	711.56	.59	.02	.00	811.14	180.00
*	70.300	1243.00	711.94	.39	.01	.00	815.53	180.00
*	70.300	1465.00	712.30	.36	.01	.00	819.54	180.00
*	70.300	2081.00	713.11	.81	.01	.00	833.07	180.00
70.600	179.00	710.33	.00	.08	.00	633.76	200.00	
70.600	299.00	710.74	.40	.09	.00	720.53	200.00	
70.600	388.00	711.06	.32	.09	.00	799.25	200.00	
70.600	506.00	711.63	.57	.07	.00	878.52	200.00	
70.600	599.00	712.00	.38	.06	.00	915.39	200.00	
70.600	695.00	712.36	.35	.06	.00	940.92	200.00	
70.600	931.00	713.16	.80	.06	.00	991.14	200.00	
71.000	179.00	710.35	.00	.01	.00	453.33	189.00	
71.000	299.00	710.76	.41	.02	.00	534.24	189.00	
71.000	388.00	711.08	.32	.02	.00	630.60	189.00	
71.000	506.00	711.64	.56	.02	.00	788.00	189.00	
71.000	599.00	712.02	.38	.01	.00	884.45	189.00	
71.000	695.00	712.37	.35	.01	.00	974.46	189.00	
71.000	931.00	713.17	.80	.01	.00	1243.71	189.00	
71.500	179.00	710.37	.00	.02	.00	681.53	252.00	
71.500	299.00	710.79	.42	.03	.00	756.00	252.00	
71.500	388.00	711.11	.32	.03	.00	756.00	252.00	
71.500	506.00	711.67	.56	.03	.00	756.00	252.00	
71.500	599.00	712.04	.37	.02	.00	847.45	252.00	
71.500	695.00	712.39	.35	.02	.00	851.78	252.00	
71.500	931.00	713.19	.80	.02	.00	975.49	252.00	

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
72.000	179.00	710.39	.00	.02	.00	487.41	248.00
72.000	299.00	710.82	.43	.03	.00	535.00	248.00
72.000	388.00	711.14	.32	.03	.00	535.00	248.00
72.000	506.00	711.69	.55	.02	.00	535.00	248.00
72.000	599.00	712.06	.37	.02	.00	676.86	248.00
72.000	695.00	712.41	.35	.02	.00	790.40	248.00
72.000	931.00	713.21	.79	.02	.00	1003.80	248.00
73.000	179.00	710.43	.00	.04	.00	192.00	291.00
73.000	299.00	710.87	.44	.05	.00	192.00	291.00
73.000	388.00	711.19	.32	.05	.00	192.00	291.00
73.000	506.00	711.73	.54	.04	.00	192.00	291.00
73.000	599.00	712.10	.37	.04	.00	414.68	291.00
73.000	695.00	712.44	.35	.03	.00	419.24	291.00
73.000	931.00	713.23	.79	.03	.00	700.00	291.00
74.000	179.00	710.44	.00	.01	.00	43.00	141.00
74.000	299.00	710.89	.45	.02	.00	43.00	141.00
74.000	388.00	711.21	.32	.02	.00	43.00	141.00
74.000	506.00	711.75	.54	.02	.00	43.00	141.00
74.000	599.00	712.13	.38	.03	.00	593.53	141.00
74.000	695.00	712.48	.35	.03	.00	622.46	141.00
74.000	931.00	713.26	.79	.03	.00	693.88	141.00
*	75.000	179.00	710.42	.00	-.02	19.00	6.00
*	75.000	299.00	710.83	.41	-.06	19.00	6.00
*	75.000	388.00	711.12	.29	-.09	19.00	6.00
*	75.000	506.00	711.62	.50	-.13	19.00	6.00
*	75.000	599.00	711.94	.32	-.19	404.27	6.00
*	75.000	695.00	712.24	.30	-.23	687.13	6.00
*	75.000	931.00	713.04	.79	-.23	721.18	6.00
*	76.000	179.00	710.51	.00	.09	165.00	102.00
*	76.000	299.00	711.04	.53	.20	165.00	102.00
*	76.000	388.00	711.43	.39	.31	165.00	102.00
*	76.000	506.00	712.05	.62	.43	365.69	102.00
*	76.000	599.00	712.48	.43	.54	380.50	102.00
*	76.000	695.00	712.90	.42	.65	703.33	102.00
*	76.000	931.00	713.67	.77	.63	739.55	102.00
76.500	179.00	710.52	.00	.01	.00	275.79	246.00
76.500	299.00	711.06	.54	.02	.00	433.89	246.00
76.500	388.00	711.46	.40	.03	.00	478.68	246.00
76.500	506.00	712.08	.63	.03	.00	579.28	246.00
76.500	599.00	712.51	.43	.03	.00	630.35	246.00
76.500	695.00	712.93	.42	.03	.00	670.11	246.00
76.500	931.00	713.70	.77	.03	.00	716.11	246.00

SECD0	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
77.000	179.00	710.53	.00	.01	.00	195.32	240.00
77.000	299.00	711.07	.54	.02	.00	522.55	240.00
77.000	388.00	711.47	.40	.02	.00	583.95	240.00
77.000	506.00	712.10	.63	.02	.00	679.85	240.00
77.000	599.00	712.53	.43	.02	.00	745.59	240.00
77.000	695.00	712.94	.41	.01	.00	777.48	240.00
77.000	931.00	713.71	.77	.01	.00	825.22	240.00
77.500	179.00	710.54	.00	.01	.00	155.79	267.00
77.500	299.00	711.09	.55	.01	.00	506.49	267.00
77.500	388.00	711.49	.40	.02	.00	560.01	267.00
77.500	506.00	712.11	.62	.01	.00	590.95	267.00
77.500	599.00	712.54	.43	.01	.00	609.47	267.00
77.500	695.00	712.96	.41	.01	.00	623.98	267.00
77.500	931.00	713.73	.77	.01	.00	632.00	267.00
78.000	179.00	710.55	.00	.02	.00	89.11	247.00
78.000	299.00	711.11	.56	.03	.00	314.08	247.00
78.000	388.00	711.52	.40	.03	.00	340.49	247.00
78.000	506.00	712.14	.62	.02	.00	381.22	247.00
78.000	599.00	712.56	.43	.02	.00	409.20	247.00
78.000	695.00	712.97	.41	.02	.00	422.89	247.00
78.000	931.00	713.74	.77	.02	.00	434.00	247.00
79.000	179.00	710.58	.00	.03	.00	65.88	336.00
79.000	299.00	711.15	.57	.04	.00	150.00	336.00
79.000	388.00	711.55	.41	.04	.00	152.23	336.00
79.000	506.00	712.17	.61	.03	.00	155.62	336.00
79.000	599.00	712.59	.42	.03	.00	157.95	336.00
79.000	695.00	713.00	.41	.03	.00	168.60	336.00
79.000	931.00	713.77	.77	.02	.00	179.00	336.00
* 79.300	179.00	710.57	.00	.00	.00	65.17	50.00
* 79.300	299.00	711.14	.57	-.01	.00	66.00	50.00
* 79.300	388.00	711.55	.40	-.01	.00	66.00	50.00
* 79.300	506.00	712.16	.61	-.01	.00	66.00	50.00
* 79.300	599.00	712.58	.42	-.01	.00	66.00	50.00
* 79.300	695.00	712.98	.41	-.02	.00	66.00	50.00
* 79.300	931.00	713.74	.76	-.02	.00	66.00	50.00
* 79.600	179.00	710.64	.00	.07	.00	74.64	120.00
* 79.600	299.00	711.23	.59	.09	.00	85.01	120.00
79.600	388.00	711.65	.41	.10	.00	92.25	120.00
79.600	506.00	712.26	.61	.10	.00	102.99	120.00
79.600	599.00	712.69	.43	.11	.00	108.90	120.00
79.600	695.00	713.10	.41	.11	.00	108.90	120.00
79.600	931.00	713.88	.78	.14	.00	108.90	120.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	80.000	179.00	710.69	.00	.05	.00	90.18	202.00
*	80.000	299.00	711.30	.61	.07	.00	97.78	202.00
*	80.000	388.00	711.72	.42	.07	.00	102.99	202.00
*	80.000	506.00	712.33	.61	.06	.00	110.56	202.00
*	80.000	599.00	712.74	.42	.06	.00	115.59	202.00
*	80.000	695.00	713.15	.40	.05	.00	120.01	202.00
*	80.000	931.00	713.92	.77	.04	.00	125.00	202.00
	81.000	179.00	710.75	.00	.06	.00	38.29	80.00
	81.000	299.00	711.38	.63	.08	.00	134.27	80.00
	81.000	388.00	711.81	.43	.10	.00	139.15	80.00
	81.000	506.00	712.43	.62	.11	.00	146.12	80.00
	81.000	599.00	712.86	.43	.12	.00	150.00	80.00
	81.000	695.00	713.27	.40	.12	.00	150.00	80.00
	81.000	931.00	714.05	.79	.14	.00	150.00	80.00
	82.000	179.00	710.87	.00	.12	.00	94.66	141.00
*	82.000	299.00	711.54	.66	.16	.00	101.27	141.00
*	82.000	388.00	711.96	.43	.15	.00	105.54	141.00
*	82.000	506.00	712.55	.59	.11	.00	111.57	141.00
	82.000	599.00	712.96	.41	.09	.00	122.46	141.00
	82.000	695.00	713.35	.39	.08	.00	133.31	141.00
	82.000	931.00	714.13	.78	.07	.00	756.54	141.00
*	82.300	179.00	710.91	.00	.04	.00	74.00	50.00
*	82.300	299.00	711.59	.68	.05	.00	74.00	50.00
*	82.300	388.00	712.02	.43	.06	.00	74.00	50.00
*	82.300	506.00	712.61	.59	.06	.00	74.00	50.00
*	82.300	599.00	713.02	.41	.06	.00	74.00	50.00
*	82.300	695.00	713.41	.39	.06	.00	74.00	50.00
*	82.300	931.00	714.25	.84	.12	.00	781.15	50.00
	82.600	179.00	710.91	.00	.00	.00	74.00	93.00
	82.600	299.00	711.59	.68	.00	.00	74.00	93.00
	82.600	388.00	712.02	.43	.00	.00	74.00	93.00
	82.600	506.00	712.61	.59	.00	.00	74.00	93.00
	82.600	599.00	713.02	.41	.00	.00	74.00	93.00
	82.600	695.00	713.43	.41	.02	.00	74.00	93.00
	82.600	931.00	714.35	.92	.11	.00	789.33	93.00
*	83.000	179.00	710.89	.00	-.02	.00	39.50	20.00
*	83.000	299.00	711.55	.66	-.04	.00	52.90	20.00
*	83.000	388.00	711.98	.42	-.05	.00	73.91	20.00
*	83.000	506.00	712.55	.58	-.06	.00	79.42	20.00
*	83.000	599.00	712.96	.40	-.06	.00	82.67	20.00
*	83.000	695.00	713.36	.40	-.07	.00	85.93	20.00
*	83.000	931.00	714.24	.88	-.11	.00	111.64	20.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
84.000	179.00	710.92	.00	.03	.00	45.31	57.00
84.000	299.00	711.62	.69	.06	.00	60.40	57.00
84.000	388.00	712.06	.45	.09	.00	76.25	57.00
84.000	506.00	712.66	.60	.11	.00	87.60	57.00
84.000	599.00	713.08	.42	.12	.00	94.62	57.00
84.000	695.00	713.50	.42	.14	.00	100.99	57.00
84.000	931.00	714.41	.91	.17	.00	180.88	57.00
85.000	179.00	710.98	.00	.06	.00	72.82	117.00
85.000	299.00	711.70	.72	.08	.00	118.78	117.00
85.000	388.00	712.16	.46	.10	.00	175.68	117.00
85.000	506.00	712.77	.61	.11	.00	182.27	117.00
85.000	599.00	713.20	.43	.12	.00	185.00	117.00
85.000	695.00	713.63	.42	.13	.00	185.00	117.00
85.000	931.00	714.55	.92	.14	.00	234.00	117.00
86.000	179.00	711.03	.00	.05	.00	57.75	110.00
86.000	299.00	711.76	.73	.06	.00	113.01	110.00
86.000	388.00	712.22	.46	.06	.00	176.41	110.00
86.000	506.00	712.82	.60	.05	.00	234.34	110.00
86.000	599.00	713.25	.43	.05	.00	282.54	110.00
86.000	695.00	713.68	.43	.05	.00	327.69	110.00
86.000	931.00	714.61	.93	.06	.00	394.97	110.00
87.000	179.00	711.14	.00	.11	.00	34.40	223.00
87.000	299.00	711.90	.75	.14	.00	39.75	223.00
87.000	388.00	712.35	.45	.13	.00	90.27	223.00
87.000	506.00	712.93	.57	.10	.00	141.23	223.00
87.000	599.00	713.33	.41	.08	.00	157.32	223.00
87.000	695.00	713.74	.41	.06	.00	173.86	223.00
* 87.000	931.00	714.64	.90	.04	.00	219.92	223.00
* 88.000	179.00	711.21	.00	.06	.00	39.27	94.00
88.000	299.00	711.99	.78	.09	.00	51.58	94.00
88.000	388.00	712.46	.47	.11	.00	58.79	94.00
88.000	506.00	713.05	.59	.12	.00	334.31	94.00
88.000	599.00	713.47	.42	.13	.00	408.32	94.00
88.000	695.00	713.88	.41	.14	.00	480.99	94.00
* 88.000	931.00	714.77	.89	.13	.00	628.96	94.00
88.300	179.00	711.45	.00	.25	.00	31.74	177.00
88.300	299.00	712.25	.80	.26	.00	143.97	177.00
88.300	388.00	712.71	.46	.25	.00	219.08	177.00
88.300	506.00	713.24	.53	.19	.00	318.18	177.00
88.300	599.00	713.60	.36	.13	.00	328.41	177.00
88.300	695.00	713.97	.37	.10	.00	407.04	177.00
88.300	931.00	714.82	.85	.05	.00	452.13	177.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
88.600	179.00	711.73	.00	.28	.00	30.99	179.00
88.600	299.00	712.54	.81	.29	.00	158.85	179.00
88.600	388.00	712.96	.42	.25	.00	184.62	179.00
88.600	506.00	713.41	.45	.17	.00	208.61	179.00
88.600	599.00	713.74	.33	.14	.00	225.37	179.00
88.600	695.00	714.08	.34	.11	.00	301.20	179.00
88.600	931.00	714.88	.80	.06	.00	411.76	179.00
89.000	179.00	711.99	.00	.26	.00	29.98	179.00
89.000	299.00	712.77	.78	.22	.00	213.84	179.00
89.000	388.00	713.15	.38	.19	.00	245.78	179.00
89.000	506.00	713.58	.43	.16	.00	278.68	179.00
89.000	599.00	713.89	.31	.15	.00	300.29	179.00
89.000	695.00	714.21	.32	.13	.00	342.37	179.00
89.000	931.00	714.97	.76	.09	.00	478.60	179.00
89.500	179.00	712.33	.00	.34	.00	118.10	261.00
89.500	299.00	713.02	.69	.26	.00	354.40	261.00
89.500	388.00	713.37	.34	.22	.00	412.40	261.00
* 89.500	506.00	713.76	.39	.19	.00	461.96	261.00
* 89.500	599.00	714.05	.29	.16	.00	483.63	261.00
* 89.500	695.00	714.35	.30	.14	.00	487.25	261.00
* 89.500	931.00	715.07	.72	.10	.00	490.00	261.00
* 90.000	179.00	712.55	.00	.21	.00	267.54	256.00
* 90.000	299.00	713.17	.62	.14	.00	367.78	256.00
90.000	388.00	713.48	.31	.11	.00	413.74	256.00
90.000	506.00	713.85	.37	.09	.00	467.21	256.00
90.000	599.00	714.12	.28	.07	.00	494.00	256.00
90.000	695.00	714.41	.29	.06	.00	494.00	256.00
90.000	931.00	715.11	.70	.04	.00	494.00	256.00
* 91.000	179.00	712.70	.00	.16	.00	30.22	257.00
* 91.000	299.00	713.26	.55	.09	.00	268.06	257.00
* 91.000	388.00	713.56	.31	.08	.00	342.63	257.00
* 91.000	506.00	713.92	.36	.08	.00	402.99	257.00
* 91.000	599.00	714.19	.27	.07	.00	449.71	257.00
* 91.000	695.00	714.47	.28	.06	.00	488.68	257.00
* 91.000	931.00	715.15	.68	.04	.00	500.00	257.00
* 92.000	179.00	713.05	.00	.34	.00	124.00	271.00
* 92.000	299.00	713.65	.60	.39	.00	124.00	271.00
* 92.000	388.00	713.89	.24	.32	.00	124.00	271.00
92.000	506.00	714.17	.28	.24	.00	124.00	271.00
92.000	599.00	714.40	.23	.20	.00	124.00	271.00
92.000	695.00	714.63	.24	.16	.00	124.00	271.00
* 92.000	931.00	715.24	.61	.09	.00	124.00	271.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	92.300	179.00	713.09	.00	.04	.00	40.60	45.00
*	92.300	299.00	713.67	.58	.02	.00	40.60	45.00
*	92.300	388.00	713.91	.24	.02	.00	40.60	45.00
*	92.300	506.00	714.18	.28	.02	.00	40.60	45.00
*	92.300	599.00	714.41	.22	.01	.00	40.60	45.00
*	92.300	695.00	714.63	.23	.00	.00	40.60	45.00
*	92.300	931.00	715.21	.58	-.03	.00	40.60	45.00
	92.600	179.00	713.09	.00	.01	.00	40.60	44.00
	92.600	299.00	713.68	.59	.01	.00	40.60	44.00
	92.600	388.00	713.92	.24	.02	.00	40.60	44.00
	92.600	506.00	714.21	.28	.02	.00	40.60	44.00
	92.600	599.00	714.44	.23	.03	.00	40.60	44.00
	92.600	695.00	714.67	.23	.04	.00	40.60	44.00
	92.600	931.00	715.26	.59	.05	.00	40.60	44.00
*	93.000	179.00	713.09	.00	.00	.00	84.50	25.00
*	93.000	299.00	713.68	.59	.00	.00	86.27	25.00
*	93.000	388.00	713.93	.24	.00	.00	87.00	25.00
*	93.000	506.00	714.22	.29	.01	.00	87.87	25.00
*	93.000	599.00	714.45	.23	.01	.00	88.56	25.00
*	93.000	695.00	714.69	.24	.02	.00	90.00	25.00
*	93.000	931.00	715.32	.63	.06	.00	90.00	25.00
	94.000	179.00	713.11	.00	.01	.00	162.50	35.00
	94.000	299.00	713.71	.60	.02	.00	213.97	35.00
	94.000	388.00	713.97	.27	.04	.00	219.43	35.00
	94.000	506.00	714.30	.32	.08	.00	227.49	35.00
	94.000	599.00	714.56	.26	.11	.00	234.18	35.00
	94.000	695.00	714.83	.27	.14	.00	240.00	35.00
	94.000	931.00	715.52	.69	.20	.00	240.00	35.00
	95.000	179.00	713.14	.00	.04	.00	188.93	55.00
	95.000	299.00	713.75	.61	.05	.00	278.50	55.00
	95.000	388.00	714.03	.28	.06	.00	311.46	55.00
	95.000	506.00	714.36	.33	.07	.00	338.78	55.00
	95.000	599.00	714.63	.27	.07	.00	350.97	55.00
	95.000	695.00	714.91	.28	.08	.00	355.00	55.00
	95.000	931.00	715.60	.69	.07	.00	355.00	55.00
	96.000	179.00	713.21	.00	.07	.00	229.73	96.00
	96.000	299.00	713.83	.61	.07	.00	309.97	96.00
	96.000	388.00	714.11	.28	.08	.00	346.00	96.00
	96.000	506.00	714.44	.34	.08	.00	417.17	96.00
	96.000	599.00	714.71	.26	.08	.00	463.44	96.00
	96.000	695.00	714.98	.27	.07	.00	498.95	96.00
	96.000	931.00	715.65	.68	.06	.00	545.39	96.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
	97.000	179.00	713.34	.00	.13	.00	154.07	269.00
	97.000	299.00	713.95	.61	.13	.00	334.85	269.00
	97.000	388.00	714.24	.29	.13	.00	599.57	269.00
	97.000	506.00	714.58	.34	.14	.00	616.02	269.00
	97.000	599.00	714.84	.26	.13	.00	630.99	269.00
	97.000	695.00	715.10	.26	.12	.00	648.10	269.00
	97.000	931.00	715.75	.65	.10	.00	706.07	269.00
*	98.000	179.00	713.47	.00	.13	.00	57.81	264.00
*	98.000	299.00	714.08	.61	.13	.00	82.76	264.00
*	98.000	388.00	714.37	.29	.13	.00	94.50	264.00
*	98.000	506.00	714.70	.33	.11	.00	827.66	264.00
*	98.000	599.00	714.95	.25	.11	.00	839.92	264.00
*	98.000	695.00	715.20	.25	.10	.00	852.07	264.00
*	98.000	931.00	715.82	.63	.07	.00	882.53	264.00
	98.300	179.00	713.64	.00	.17	.00	19.74	202.00
	98.300	299.00	714.30	.66	.22	.00	573.67	202.00
	98.300	388.00	714.65	.34	.28	.00	831.24	202.00
*	98.300	506.00	715.00	.35	.30	.00	879.26	202.00
*	98.300	599.00	715.19	.20	.24	.00	889.22	202.00
*	98.300	695.00	715.39	.20	.19	.00	900.19	202.00
*	98.300	931.00	715.93	.54	.10	.00	923.58	202.00
	98.600	179.00	713.92	.00	.27	.00	31.08	254.00
	98.600	299.00	714.61	.69	.31	.00	362.22	254.00
	98.600	388.00	714.85	.24	.20	.00	480.79	254.00
	98.600	506.00	715.14	.30	.15	.00	756.99	254.00
	98.600	599.00	715.33	.18	.13	.00	775.32	254.00
	98.600	695.00	715.51	.18	.12	.00	787.93	254.00
	98.600	931.00	716.01	.50	.08	.00	821.41	254.00
	99.000	179.00	714.09	.00	.17	.00	35.40	225.00
	99.000	299.00	714.80	.71	.19	.00	687.11	225.00
	99.000	388.00	715.05	.26	.20	.00	710.61	225.00
	99.000	506.00	715.34	.29	.20	.00	737.45	225.00
	99.000	599.00	715.52	.18	.19	.00	753.67	225.00
	99.000	695.00	715.69	.17	.18	.00	769.39	225.00
	99.000	931.00	716.14	.45	.13	.00	810.88	225.00
	99.500	179.00	714.31	.00	.22	.00	56.68	250.00
	99.500	299.00	715.04	.73	.24	.00	641.19	250.00
	99.500	388.00	715.27	.24	.22	.00	668.58	250.00
	99.500	506.00	715.54	.27	.20	.00	692.44	250.00
	99.500	599.00	715.71	.17	.19	.00	703.98	250.00
	99.500	695.00	715.88	.16	.19	.00	716.26	250.00
	99.500	931.00	716.29	.42	.15	.00	747.84	250.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
100.000	179.00	714.50	.00	.20	.00	33.51	277.00
100.000	299.00	715.24	.73	.20	.00	420.82	277.00
100.000	388.00	715.49	.26	.22	.00	465.85	277.00
100.000	506.00	715.76	.26	.22	.00	509.57	277.00
100.000	599.00	715.93	.17	.21	.00	537.90	277.00
100.000	695.00	716.09	.16	.22	.00	564.41	277.00
100.000	931.00	716.49	.40	.20	.00	618.23	277.00
100.500	179.00	714.67	.00	.16	.00	54.45	205.00
100.500	299.00	715.37	.71	.14	.00	394.81	205.00
100.500	388.00	715.63	.26	.14	.00	548.24	205.00
100.500	506.00	715.91	.27	.15	.00	638.40	205.00
100.500	599.00	716.09	.18	.16	.00	689.51	205.00
100.500	695.00	716.26	.17	.17	.00	705.78	205.00
100.500	931.00	716.65	.39	.16	.00	734.43	205.00
101.000	179.00	714.78	.00	.12	.00	255.08	223.00
101.000	299.00	715.48	.70	.11	.00	519.68	223.00
101.000	388.00	715.74	.26	.10	.00	617.76	223.00
101.000	506.00	716.01	.27	.10	.00	715.07	223.00
101.000	599.00	716.18	.18	.10	.00	781.85	223.00
101.000	695.00	716.35	.17	.10	.00	845.47	223.00
101.000	931.00	716.74	.39	.09	.00	944.57	223.00
102.000	179.00	714.85	.00	.06	.00	47.91	131.00
102.000	299.00	715.51	.67	.03	.00	457.54	131.00
102.000	388.00	715.77	.26	.03	.00	501.45	131.00
102.000	506.00	716.04	.27	.03	.00	505.00	131.00
102.000	599.00	716.22	.18	.03	.00	505.00	131.00
102.000	695.00	716.39	.17	.03	.00	505.00	131.00
* 102.000	931.00	716.77	.38	.03	.00	505.00	131.00
* 103.000	179.00	714.92	.00	.08	.00	37.76	117.00
* 103.000	299.00	715.56	.64	.05	.00	204.89	117.00
* 103.000	388.00	715.82	.25	.04	.00	239.03	117.00
* 103.000	506.00	716.08	.26	.04	.00	247.50	117.00
* 103.000	599.00	716.26	.18	.04	.00	255.32	117.00
* 103.000	695.00	716.42	.17	.04	.00	266.69	117.00
* 103.000	931.00	716.80	.38	.04	.00	283.00	117.00
* 104.000	179.00	715.07	.00	.14	.00	159.34	64.00
* 104.000	299.00	715.72	.66	.16	.00	160.00	64.00
* 104.000	388.00	715.98	.25	.16	.00	160.00	64.00
* 104.000	506.00	716.24	.26	.16	.00	160.00	64.00
* 104.000	599.00	716.41	.17	.16	.00	160.00	64.00
* 104.000	695.00	716.57	.16	.15	.00	160.00	64.00
* 104.000	931.00	716.92	.35	.12	.00	160.00	64.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
104.300	158.00	715.09	.00	.03	.00	40.60	50.00
104.300	257.00	715.74	.65	.02	.00	40.60	50.00
104.300	329.00	715.99	.25	.02	.00	40.60	50.00
104.300	426.00	716.26	.26	.02	.00	40.60	50.00
104.300	502.00	716.43	.17	.01	.00	40.60	50.00
104.300	581.00	716.59	.16	.01	.00	40.60	50.00
104.300	772.00	716.93	.34	.01	.00	40.60	50.00
104.600	158.00	715.10	.00	.01	.00	40.60	44.00
104.600	257.00	715.75	.65	.01	.00	40.60	44.00
104.600	329.00	716.01	.25	.01	.00	40.60	44.00
104.600	426.00	716.27	.27	.02	.00	40.60	44.00
104.600	502.00	716.45	.18	.02	.00	40.60	44.00
104.600	581.00	716.61	.16	.03	.00	40.60	44.00
104.600	772.00	716.97	.36	.04	.00	40.60	44.00
105.000	158.00	715.10	.00	.01	.00	46.75	45.00
105.000	257.00	715.76	.66	.01	.00	47.74	45.00
105.000	329.00	716.02	.26	.01	.00	48.13	45.00
105.000	426.00	716.29	.27	.02	.00	48.54	45.00
105.000	502.00	716.47	.18	.02	.00	48.81	45.00
105.000	581.00	716.64	.17	.03	.00	49.00	45.00
105.000	772.00	717.01	.37	.04	.00	49.00	45.00
106.000	158.00	715.17	.00	.06	.00	39.23	297.00
106.000	257.00	715.85	.68	.09	.00	41.96	297.00
106.000	329.00	716.13	.29	.12	.00	43.10	297.00
106.000	426.00	716.45	.31	.15	.00	44.35	297.00
106.000	502.00	716.66	.21	.18	.00	45.00	297.00
106.000	581.00	716.86	.20	.21	.00	45.00	297.00
106.000	772.00	717.29	.44	.28	.00	45.00	297.00
106.300	158.00	715.17	.00	.01	.00	44.37	40.00
106.300	257.00	715.86	.69	.01	.00	50.46	40.00
106.300	329.00	716.15	.29	.02	.00	51.22	40.00
106.300	426.00	716.47	.32	.02	.00	52.06	40.00
106.300	502.00	716.68	.22	.03	.00	52.63	40.00
106.300	581.00	716.89	.20	.03	.00	53.17	40.00
106.300	772.00	717.34	.45	.04	.00	54.00	40.00
106.600	158.00	715.19	.00	.01	.00	44.51	15.00
106.600	257.00	715.88	.70	.02	.00	50.51	15.00
106.600	329.00	716.18	.30	.03	.00	51.30	15.00
106.600	426.00	716.51	.33	.04	.00	52.17	15.00
106.600	502.00	716.74	.23	.05	.00	52.77	15.00
106.600	581.00	716.95	.22	.07	.00	53.34	15.00
106.600	772.00	717.43	.48	.10	.00	54.00	15.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
107.000	158.00	715.19	.00	.01	.00	41.63	15.00
107.000	257.00	715.89	.69	.00	.00	47.49	15.00
107.000	329.00	716.18	.30	.00	.00	50.01	15.00
107.000	426.00	716.51	.33	.00	.00	52.80	15.00
107.000	502.00	716.74	.23	.00	.00	54.68	15.00
107.000	581.00	716.95	.21	.00	.00	56.49	15.00
107.000	772.00	717.42	.47	-.01	.00	60.42	15.00
109.000	158.00	715.22	.00	.02	.00	48.94	40.00
109.000	257.00	715.92	.71	.04	.00	60.94	40.00
109.000	329.00	716.23	.31	.05	.00	67.84	40.00
109.000	426.00	716.58	.35	.07	.00	75.01	40.00
109.000	502.00	716.82	.24	.08	.00	79.99	40.00
109.000	581.00	717.05	.23	.10	.00	84.74	40.00
109.000	772.00	717.57	.52	.14	.00	91.77	40.00
110.000	158.00	715.23	.00	.01	.00	62.02	43.00
110.000	257.00	715.94	.71	.02	.00	68.40	43.00
110.000	329.00	716.26	.32	.02	.00	71.26	43.00
110.000	426.00	716.61	.36	.03	.00	74.44	43.00
110.000	502.00	716.86	.25	.04	.00	76.76	43.00
110.000	581.00	717.10	.24	.05	.00	78.90	43.00
110.000	772.00	717.63	.53	.06	.00	83.68	43.00
111.000	158.00	715.23	.00	.01	.00	93.93	55.00
111.000	257.00	715.95	.72	.01	.00	102.69	55.00
111.000	329.00	716.27	.32	.01	.00	106.59	55.00
111.000	426.00	716.63	.36	.02	.00	110.98	55.00
111.000	502.00	716.89	.25	.02	.00	114.05	55.00
111.000	581.00	717.13	.24	.03	.00	117.06	55.00
111.000	772.00	717.68	.55	.05	.00	124.24	55.00
112.000	158.00	715.24	.00	.00	.00	82.26	52.00
112.000	257.00	715.96	.72	.01	.00	93.40	52.00
112.000	329.00	716.28	.32	.01	.00	101.72	52.00
112.000	426.00	716.64	.36	.01	.00	111.17	52.00
112.000	502.00	716.90	.26	.01	.00	117.36	52.00
112.000	581.00	717.14	.25	.01	.00	124.01	52.00
112.000	772.00	717.69	.55	.02	.00	156.58	52.00
113.000	158.00	715.24	.00	.01	.00	105.44	64.00
113.000	257.00	715.97	.72	.01	.00	121.68	64.00
113.000	329.00	716.29	.33	.01	.00	128.97	64.00
113.000	426.00	716.66	.37	.02	.00	137.23	64.00
113.000	502.00	716.92	.26	.02	.00	144.17	64.00
113.000	581.00	717.17	.25	.03	.00	149.57	64.00
113.000	772.00	717.73	.56	.04	.00	183.90	64.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
114.000	158.00	715.26	.00	.01	.00	170.13	144.00
114.000	257.00	715.99	.73	.02	.00	200.32	144.00
114.000	329.00	716.32	.33	.03	.00	222.49	144.00
114.000	426.00	716.70	.38	.04	.00	250.66	144.00
114.000	502.00	716.96	.27	.04	.00	270.40	144.00
114.000	581.00	717.22	.26	.05	.00	281.96	144.00
114.000	772.00	717.79	.58	.06	.00	309.35	144.00
115.000	158.00	715.27	.00	.01	.00	183.83	135.00
115.000	257.00	716.00	.73	.02	.00	246.46	135.00
115.000	329.00	716.34	.34	.02	.00	261.40	135.00
115.000	426.00	716.72	.38	.02	.00	281.49	135.00
115.000	502.00	716.99	.27	.02	.00	292.66	135.00
115.000	581.00	717.25	.26	.03	.00	303.04	135.00
115.000	772.00	717.82	.58	.03	.00	310.79	135.00
* 116.000	158.00	715.27	.00	.01	.00	154.95	123.00
* 116.000	257.00	716.01	.74	.01	.00	244.66	123.00
* 116.000	329.00	716.35	.34	.01	.00	285.80	123.00
* 116.000	426.00	716.74	.39	.02	.00	326.71	123.00
116.000	502.00	717.01	.27	.02	.00	333.99	123.00
116.000	581.00	717.27	.26	.02	.00	340.98	123.00
116.000	772.00	717.85	.58	.02	.00	356.61	123.00
117.000	158.00	715.34	.00	.06	.00	238.32	214.00
117.000	257.00	716.07	.73	.06	.00	274.19	214.00
117.000	329.00	716.41	.34	.06	.00	298.98	214.00
117.000	426.00	716.80	.39	.06	.00	334.51	214.00
117.000	502.00	717.07	.27	.06	.00	345.54	214.00
117.000	581.00	717.33	.26	.06	.00	352.73	214.00
117.000	772.00	717.90	.58	.06	.00	367.02	214.00
118.000	158.00	715.40	.00	.06	.00	179.96	212.00
118.000	257.00	716.12	.72	.05	.00	246.79	212.00
118.000	329.00	716.46	.34	.05	.00	272.25	212.00
118.000	426.00	716.85	.39	.05	.00	327.46	212.00
118.000	502.00	717.11	.27	.05	.00	361.88	212.00
118.000	581.00	717.37	.26	.05	.00	381.70	212.00
118.000	772.00	717.95	.57	.04	.00	415.70	212.00
119.000	158.00	715.47	.00	.07	.00	113.65	202.00
119.000	257.00	716.18	.71	.06	.00	187.46	202.00
119.000	329.00	716.52	.34	.06	.00	222.48	202.00
119.000	426.00	716.91	.39	.06	.00	258.53	202.00
119.000	502.00	717.17	.27	.06	.00	282.40	202.00
119.000	581.00	717.43	.26	.06	.00	305.76	202.00
119.000	772.00	718.00	.57	.05	.00	357.70	202.00

SECNO	Q	CUSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
120.000	158.00	715.56	.00	.09	.00	111.69	181.00
120.000	257.00	716.27	.71	.09	.00	186.29	181.00
120.000	329.00	716.61	.34	.09	.00	211.66	181.00
120.000	426.00	716.99	.38	.08	.00	241.68	181.00
120.000	502.00	717.25	.26	.08	.00	263.25	181.00
120.000	581.00	717.50	.25	.08	.00	284.00	181.00
120.000	772.00	718.06	.56	.07	.00	329.46	181.00
121.000	158.00	715.64	.00	.07	.00	159.68	200.00
121.000	257.00	716.35	.71	.07	.00	251.53	200.00
121.000	329.00	716.69	.34	.08	.00	273.71	200.00
121.000	426.00	717.07	.38	.08	.00	296.41	200.00
121.000	502.00	717.33	.26	.08	.00	313.93	200.00
121.000	581.00	717.59	.25	.08	.00	330.21	200.00
121.000	772.00	718.14	.56	.08	.00	364.90	200.00
122.000	158.00	715.71	.00	.07	.00	194.79	221.00
122.000	257.00	716.41	.70	.06	.00	271.03	221.00
122.000	329.00	716.75	.34	.06	.00	376.69	221.00
122.000	426.00	717.13	.38	.06	.00	392.69	221.00
122.000	502.00	717.39	.26	.06	.00	403.73	221.00
122.000	581.00	717.65	.25	.06	.00	414.28	221.00
122.000	772.00	718.20	.55	.06	.00	437.48	221.00
123.000	158.00	715.74	.00	.03	.00	99.34	186.00
123.000	257.00	716.44	.70	.03	.00	323.95	186.00
123.000	329.00	716.78	.34	.03	.00	359.31	186.00
123.000	426.00	717.16	.38	.03	.00	390.83	186.00
123.000	502.00	717.42	.26	.03	.00	408.31	186.00
123.000	581.00	717.68	.25	.03	.00	424.30	186.00
123.000	772.00	718.23	.55	.03	.00	448.82	186.00
124.000	158.00	715.79	.00	.05	.00	38.85	213.00
124.000	257.00	716.49	.70	.05	.00	350.22	213.00
124.000	329.00	716.83	.34	.05	.00	367.87	213.00
124.000	426.00	717.21	.38	.05	.00	402.69	213.00
124.000	502.00	717.47	.26	.05	.00	419.03	213.00
124.000	581.00	717.72	.25	.04	.00	431.25	213.00
124.000	772.00	718.27	.55	.04	.00	459.29	213.00
* 125.000	158.00	715.77	.00	-.02	.00	25.33	190.00
* 125.000	257.00	716.43	.67	-.05	.00	30.67	190.00
* 125.000	329.00	716.74	.31	-.09	.00	364.03	190.00
* 125.000	426.00	717.17	.43	-.03	.00	396.20	190.00
* 125.000	502.00	717.46	.28	-.01	.00	417.36	190.00
* 125.000	581.00	717.72	.26	.00	.00	436.93	190.00
* 125.000	772.00	718.28	.56	.01	.00	478.95	190.00

	SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
*	126.000	158.00	716.53	.00	.76	.00	390.99	204.00
*	126.000	257.00	717.12	.59	.68	.00	491.84	204.00
*	126.000	329.00	717.43	.31	.68	.00	529.24	204.00
*	126.000	426.00	717.71	.28	.53	.00	559.61	204.00
*	126.000	502.00	717.91	.21	.45	.00	582.47	204.00
*	126.000	581.00	718.12	.21	.40	.00	587.68	204.00
*	126.000	772.00	718.60	.48	.32	.00	606.20	204.00
	127.000	158.00	716.81	.00	.28	.00	378.93	197.00
	127.000	257.00	717.31	.50	.20	.00	531.51	197.00
	127.000	329.00	717.60	.29	.18	.00	553.82	197.00
	127.000	426.00	717.89	.28	.18	.00	567.86	197.00
	127.000	502.00	718.09	.20	.18	.00	602.09	197.00
	127.000	581.00	718.29	.20	.18	.00	621.16	197.00
	127.000	772.00	718.76	.47	.16	.00	655.79	197.00
*	128.000	158.00	716.92	.00	.11	.00	692.66	202.00
*	128.000	257.00	717.40	.49	.09	.00	764.26	202.00
*	128.000	329.00	717.69	.28	.09	.00	806.05	202.00
*	128.000	426.00	717.97	.28	.09	.00	847.94	202.00
*	128.000	502.00	718.18	.21	.09	.00	878.13	202.00
*	128.000	581.00	718.38	.20	.09	.00	908.09	202.00
*	128.000	772.00	718.85	.46	.08	.00	956.71	202.00
*	129.000	158.00	716.95	.00	.03	.00	338.37	285.00
*	129.000	257.00	717.44	.49	.04	.00	356.62	285.00
*	129.000	329.00	717.73	.29	.04	.00	365.24	285.00
*	129.000	426.00	718.02	.29	.05	.00	373.95	285.00
*	129.000	502.00	718.23	.21	.05	.00	377.02	285.00
*	129.000	581.00	718.43	.21	.05	.00	380.03	285.00
*	129.000	772.00	718.90	.46	.05	.00	386.83	285.00
	130.000	158.00	717.01	.00	.06	.00	339.61	266.00
	130.000	257.00	717.51	.51	.07	.00	374.57	266.00
	130.000	329.00	717.81	.30	.08	.00	394.87	266.00
	130.000	426.00	718.11	.30	.09	.00	415.74	266.00
	130.000	502.00	718.33	.22	.10	.00	431.35	266.00
	130.000	581.00	718.54	.21	.11	.00	446.04	266.00
	130.000	772.00	719.02	.48	.12	.00	475.40	266.00
	131.000	158.00	717.03	.00	.02	.00	266.03	165.00
	131.000	257.00	717.54	.52	.03	.00	307.30	165.00
	131.000	329.00	717.84	.30	.04	.00	319.97	165.00
	131.000	426.00	718.15	.31	.04	.00	330.06	165.00
	131.000	502.00	718.37	.22	.04	.00	335.71	165.00
	131.000	581.00	718.59	.22	.05	.00	341.26	165.00
	131.000	772.00	719.07	.48	.05	.00	356.32	165.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
132.000	158.00	717.07	.00	.04	.00	274.86	274.00
132.000	257.00	717.60	.53	.05	.00	308.28	274.00
132.000	329.00	717.91	.31	.06	.00	324.35	274.00
132.000	426.00	718.23	.32	.07	.00	441.58	274.00
132.000	502.00	718.45	.23	.08	.00	455.64	274.00
132.000	581.00	718.68	.22	.09	.00	470.17	274.00
132.000	772.00	719.17	.49	.10	.00	502.17	274.00
133.000	158.00	717.10	.00	.03	.00	316.58	180.00
133.000	257.00	717.64	.54	.04	.00	377.90	180.00
133.000	329.00	717.95	.31	.05	.00	413.35	180.00
133.000	426.00	718.28	.33	.06	.00	450.72	180.00
133.000	502.00	718.52	.23	.06	.00	477.73	180.00
133.000	581.00	718.74	.23	.07	.00	493.38	180.00
133.000	772.00	719.24	.50	.07	.00	513.17	180.00
134.000	158.00	717.13	.00	.03	.00	295.20	238.00
134.000	257.00	717.68	.55	.04	.00	424.48	238.00
134.000	329.00	718.00	.32	.05	.00	467.41	238.00
134.000	426.00	718.34	.34	.06	.00	484.70	238.00
134.000	502.00	718.58	.24	.06	.00	494.24	238.00
134.000	581.00	718.81	.23	.07	.00	498.93	238.00
134.000	772.00	719.31	.51	.07	.00	510.30	238.00
135.000	158.00	717.16	.00	.03	.00	541.10	302.00
135.000	257.00	717.72	.56	.04	.00	578.87	302.00
135.000	329.00	718.05	.33	.05	.00	600.36	302.00
135.000	426.00	718.39	.35	.06	.00	623.63	302.00
135.000	502.00	718.64	.24	.06	.00	640.43	302.00
135.000	581.00	718.87	.24	.07	.00	658.82	302.00
135.000	772.00	719.39	.52	.08	.00	699.08	302.00
* 136.000	158.00	717.19	.00	.02	.00	354.99	298.00
* 136.000	257.00	717.75	.57	.03	.00	424.80	298.00
* 136.000	329.00	718.08	.33	.03	.00	456.70	298.00
* 136.000	426.00	718.43	.35	.04	.00	493.55	298.00
* 136.000	502.00	718.68	.25	.04	.00	520.47	298.00
136.000	581.00	718.92	.24	.04	.00	545.08	298.00
136.000	772.00	719.44	.52	.05	.00	584.47	298.00
137.000	158.00	717.24	.00	.05	.00	314.49	249.00
137.000	257.00	717.82	.58	.06	.00	345.64	249.00
137.000	329.00	718.15	.33	.07	.00	363.60	249.00
137.000	426.00	718.51	.36	.07	.00	382.92	249.00
137.000	502.00	718.76	.25	.08	.00	397.89	249.00
137.000	581.00	719.00	.24	.08	.00	410.00	249.00
137.000	772.00	719.52	.53	.09	.00	410.00	249.00

SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
138.000	158.00	717.28	.00	.04	.00	219.41	136.00
138.000	257.00	717.86	.58	.05	.00	269.66	136.00
138.000	329.00	718.20	.34	.05	.00	290.00	136.00
138.000	426.00	718.57	.36	.06	.00	290.00	136.00
138.000	502.00	718.82	.25	.06	.00	290.00	136.00
138.000	581.00	719.06	.24	.07	.00	290.00	136.00
* 138.000	772.00	719.59	.53	.07	.00	290.00	136.00
139.000	158.00	717.30	.00	.02	.00	164.61	100.00
139.000	257.00	717.89	.59	.02	.00	186.62	100.00
139.000	329.00	718.22	.34	.02	.00	209.39	100.00
139.000	426.00	718.59	.36	.02	.00	213.00	100.00
139.000	502.00	718.84	.25	.02	.00	213.00	100.00
139.000	581.00	719.08	.24	.02	.00	213.00	100.00
139.000	772.00	719.61	.53	.02	.00	213.00	100.00
140.000	158.00	717.32	.00	.02	.00	161.40	66.00
140.000	257.00	717.91	.59	.02	.00	175.55	66.00
140.000	329.00	718.25	.34	.02	.00	195.00	66.00
140.000	426.00	718.61	.37	.03	.00	195.00	66.00
140.000	502.00	718.87	.25	.03	.00	195.00	66.00
140.000	581.00	719.11	.24	.03	.00	195.00	66.00
140.000	772.00	719.64	.53	.03	.00	195.00	66.00
141.000	158.00	717.33	.00	.01	.00	66.31	63.00
141.000	257.00	717.92	.59	.01	.00	82.97	63.00
141.000	329.00	718.25	.33	.00	.00	104.00	63.00
141.000	426.00	718.61	.36	.00	.00	104.00	63.00
141.000	502.00	718.86	.25	.00	.00	104.00	63.00
* 141.000	581.00	719.10	.24	-.01	.00	104.00	63.00
* 141.000	772.00	719.62	.52	-.01	.00	104.00	63.00
* 142.000	158.00	717.37	.00	.03	.00	76.00	61.00
* 142.000	257.00	717.97	.60	.05	.00	76.00	61.00
* 142.000	329.00	718.32	.35	.06	.00	76.00	61.00
* 142.000	426.00	718.69	.37	.08	.00	76.00	61.00
* 142.000	502.00	718.95	.26	.09	.00	76.00	61.00
* 142.000	581.00	719.20	.25	.10	.00	76.00	61.00
* 142.000	772.00	719.73	.53	.11	.00	76.00	61.00
* 143.000	158.00	717.37	.00	.00	.00	34.84	101.00
* 143.000	257.00	717.97	.60	.00	.00	35.00	101.00
* 143.000	329.00	718.31	.34	-.01	.00	35.00	101.00
* 143.000	426.00	718.68	.37	-.01	.00	35.00	101.00
* 143.000	502.00	718.93	.25	-.02	.00	35.00	101.00
* 143.000	581.00	719.18	.24	-.02	.00	35.00	101.00
* 143.000	772.00	719.69	.52	-.04	.00	35.00	101.00

	SECDNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKMS	TOPWID	XLCH
	144.000	158.00	717.37	.00	.00	.00	34.82	23.50
	144.000	257.00	717.97	.60	.00	.00	35.00	23.50
	144.000	329.00	718.32	.34	.01	.00	35.00	23.50
	144.000	426.00	718.69	.37	.01	.00	35.00	23.50
	144.000	502.00	718.95	.26	.01	.00	35.00	23.50
	144.000	581.00	719.19	.25	.02	.00	35.00	23.50
	144.000	772.00	719.72	.53	.03	.00	35.00	23.50
*	145.000	158.00	717.40	.00	.04	.00	76.00	50.00
*	145.000	257.00	718.04	.63	.07	.00	76.00	50.00
*	145.000	329.00	718.41	.37	.09	.00	76.00	50.00
*	145.000	426.00	718.82	.41	.13	.00	76.00	50.00
*	145.000	502.00	719.11	.29	.16	.00	76.00	50.00
*	145.000	581.00	719.39	.28	.20	.00	76.00	50.00
*	145.000	772.00	720.01	.62	.28	.00	76.00	50.00
	146.000	158.00	717.43	.00	.03	.00	76.00	180.50
	146.000	257.00	718.10	.67	.06	.00	76.00	180.50
	146.000	329.00	718.50	.40	.09	.00	76.00	180.50
	146.000	426.00	718.95	.45	.13	.00	76.00	180.50
	146.000	502.00	719.27	.32	.16	.00	76.00	180.50
	146.000	581.00	719.59	.32	.20	.00	76.00	180.50
	146.000	772.00	720.31	.72	.30	.00	76.00	180.50
*	147.000	158.00	717.44	.00	.00	.00	274.00	60.00
*	147.000	257.00	718.11	.67	.01	.00	274.00	60.00
*	147.000	329.00	718.51	.40	.01	.00	274.00	60.00
*	147.000	426.00	718.96	.46	.01	.00	274.00	60.00
*	147.000	502.00	719.29	.33	.02	.00	274.00	60.00
*	147.000	581.00	719.62	.32	.02	.00	274.00	60.00
*	147.000	772.00	720.34	.73	.03	.00	274.00	60.00
*	147.500	158.00	717.44	.00	.00	.00	1036.91	290.00
*	147.500	257.00	718.11	.67	.00	.00	1099.74	290.00
*	147.500	329.00	718.51	.40	.00	.00	1137.27	290.00
*	147.500	426.00	718.97	.46	.00	.00	1193.68	290.00
*	147.500	502.00	719.30	.33	.01	.00	1238.37	290.00
*	147.500	581.00	719.62	.32	.01	.00	1282.32	290.00
*	147.500	772.00	720.35	.73	.01	.00	1381.13	290.00
*	148.000	158.00	717.44	.00	.00	.00	1187.73	290.00
*	148.000	257.00	718.11	.67	.00	.00	1287.46	290.00
*	148.000	329.00	718.51	.40	.00	.00	1347.04	290.00
*	148.000	426.00	718.97	.46	.00	.00	1414.70	290.00
*	148.000	502.00	719.30	.33	.00	.00	1463.31	290.00
*	148.000	581.00	719.62	.32	.00	.00	1511.14	290.00
*	148.000	772.00	720.35	.73	.00	.00	1618.67	290.00

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SECNO	Q	CWSEL	DIFWSP	DIFWSX	DIFKWS	TOPWID	XLCH
149.000	158.00	717.44	.00	.00	.00	1937.31	635.00
149.000	257.00	718.11	.67	.00	.00	2036.68	635.00
149.000	329.00	718.51	.40	.00	.00	2096.05	635.00
149.000	426.00	718.97	.46	.00	.00	2134.56	635.00
149.000	502.00	719.30	.33	.00	.00	2157.30	635.00
149.000	581.00	719.62	.32	.00	.00	2179.66	635.00
149.000	772.00	720.35	.73	.00	.00	2229.94	635.00

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WARNING SECNO=	147.500	PROFILE=	2	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	147.500	PROFILE=	3	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	147.500	PROFILE=	4	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	147.500	PROFILE=	5	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	147.500	PROFILE=	6	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	147.500	PROFILE=	7	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE

WARNING SECNO=	148.000	PROFILE=	1	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	148.000	PROFILE=	2	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	148.000	PROFILE=	3	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	148.000	PROFILE=	4	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	148.000	PROFILE=	5	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	148.000	PROFILE=	6	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE
WARNING SECNO=	148.000	PROFILE=	7	CONVEYANCE	CHANGE	OUTSIDE	ACCEPTABLE	RANGE

Moss-American Site
Predesign Task 10
Revision: 0
Date: 4 January 1993

APPENDIX D

HEC-2 VELOCITY DISTRIBUTION FOR 2-YEAR STORM EVENT

VELOCITY DISTRIBUTION FOR SECNO=	1.00	CWSEL=	697.00
STA=	285.	293.	315.
VEL=	.5	5.2	.5
VELOCITY DISTRIBUTION FOR SECNO=	2.00	CWSEL=	697.60
STA=	381.	382.	506.
VEL=	.1	1.0	.1
VELOCITY DISTRIBUTION FOR SECNO=	3.00	CWSEL=	697.59
STA=	46.	152.	
VEL=	2.0		
VELOCITY DISTRIBUTION FOR SECNO=	4.00	CWSEL=	697.59
STA=	46.	152.	
VEL=	2.0		
VELOCITY DISTRIBUTION FOR SECNO=	5.00	CWSEL=	697.35
STA=	390.	397.	419.
VEL=	.4	6.7	.4
VELOCITY DISTRIBUTION FOR SECNO=	6.00	CWSEL=	698.16
STA=	157.	237.	259.
VEL=	.5	4.8	.5
VELOCITY DISTRIBUTION FOR SECNO=	7.00	CWSEL=	698.48
STA=	138.	191.	213.
VEL=	.5	4.1	.5
VELOCITY DISTRIBUTION FOR SECNO=	8.00	CWSEL=	698.68
STA=	224.	249.	271.
VEL=	.5	3.9	.5
VELOCITY DISTRIBUTION FOR SECNO=	9.00	CWSEL=	698.86
STA=	161.	178.	205.
VEL=	.5	3.3	.5
VELOCITY DISTRIBUTION FOR SECNO=	9.50	CWSEL=	699.11
STA=	386.	402.	596.
VEL=	.1	.3	1.6
VELOCITY DISTRIBUTION FOR SECNO=	9.60	CWSEL=	699.16
STA=	264.	275.	309.
VEL=	.3	2.5	.4
VELOCITY DISTRIBUTION FOR SECNO=	10.00	CWSEL=	699.29
STA=	331.	358.	756.
VEL=	.1	.2	1.2
VELOCITY DISTRIBUTION FOR SECNO=	10.50	CWSEL=	699.32
STA=	234.	260.	280.
VEL=	.1	.1	.1
VELOCITY DISTRIBUTION FOR SECNO=	11.00	CWSEL=	699.39
STA=	531.	588.	792.
VEL=	.1	.2	.4
VELOCITY DISTRIBUTION FOR SECNO=	11.50	CWSEL=	699.46
STA=	337.	360.	380.
VEL=	.1	.2	.2
VELOCITY DISTRIBUTION FOR SECNO=	12.00	CWSEL=	699.65
STA=	810.	860.	1164.
VEL=	.2	.3	.4
VELOCITY DISTRIBUTION FOR SECNO=	13.00	CWSEL=	699.73
STA=	206.	235.	385.
VEL=	.2	.4	.4

VELOCITY DISTRIBUTION FOR SECNO=	25.00	CWSEL=	701.90
STA=	138. 1262.		
VEL=	1.0		
VELOCITY DISTRIBUTION FOR SECNO=	26.00	CWSEL=	701.89
STA=	472. 535. 538. 566. 627.		
VEL=	.4 .5 2.5 .6		
VELOCITY DISTRIBUTION FOR SECNO=	27.00	CWSEL=	701.95
STA=	286. 340. 380. 420. 440. 460. 480. 500. 509. 536. 560. 641.		
VEL=	.3 .4 .4 .5 .5 .5 .5 .5 2.5 .5 .3		
VELOCITY DISTRIBUTION FOR SECNO=	28.00	CWSEL=	702.02
STA=	167. 280. 340. 380. 420. 440. 460. 471. 497. 520. 560. 600. 663.		
VEL=	.3 .3 .4 .4 .4 .5 .5 .5 2.1 .4 .4 .3 .3		
VELOCITY DISTRIBUTION FOR SECNO=	29.00	CWSEL=	702.07
STA=	131. 320. 380. 420. 460. 480. 489. 515. 540. 560. 600. 640. 700. 714.		
VEL=	.3 .3 .3 .4 .4 .4 .4 1.9 .4 .4 .4 .3 .3 .1		
VELOCITY DISTRIBUTION FOR SECNO=	30.00	CWSEL=	702.11
STA=	133. 340. 400. 440. 460. 480. 494. 519. 540. 560. 580. 620. 660. 700.		
VEL=	.3 .3 .3 .4 .4 .4 .4 1.8 .4 .4 .4 .4 .3 .3		
VELOCITY DISTRIBUTION FOR SECNO=	31.00	CWSEL=	702.14
STA=	602. 703. 827. 850. 1153.		
VEL=	.2 .4 2.0 .4		
VELOCITY DISTRIBUTION FOR SECNO=	31.50	CWSEL=	702.19
STA=	185. 460. 497. 523. 540. 560. 580. 620. 660. 700. 760. 820. 830.		
VEL=	.3 .4 1.9 .4 .4 .4 .4 .3 .3 .3 .3 .1		
VELOCITY DISTRIBUTION FOR SECNO=	32.00	CWSEL=	702.23
STA=	326. 453. 519. 547. 549. 583. 851.		
VEL=	.2 .4 1.9 .2 .2 .4		
VELOCITY DISTRIBUTION FOR SECNO=	33.00	CWSEL=	702.29
STA=	186. 280. 360. 399. 430. 460. 500. 540. 650.		
VEL=	.3 .3 .4 2.1 .4 .4 .3 .3		
VELOCITY DISTRIBUTION FOR SECNO=	33.50	CWSEL=	702.37
STA=	194. 340. 360. 364. 398. 440. 480. 518.		
VEL=	.4 .4 .5 2.3 .4 .4 .4		
VELOCITY DISTRIBUTION FOR SECNO=	34.00	CWSEL=	702.44
STA=	100. 200. 240. 260. 262. 299. 320. 359.		
VEL=	.3 .4 .5 .5 2.4 .5 .4		
VELOCITY DISTRIBUTION FOR SECNO=	35.00	CWSEL=	702.49
STA=	112. 120. 140. 160. 180. 200. 219. 259. 260. 267. 280. 294.		
VEL=	.2 .3 .3 .4 .4 .5 2.6 .5 .5 .3 .2		
VELOCITY DISTRIBUTION FOR SECNO=	36.00	CWSEL=	702.56
STA=	459. 470. 495. 538.		
VEL=	.6 .7 2.5		
VELOCITY DISTRIBUTION FOR SECNO=	37.00	CWSEL=	702.56
STA=	584. 616.		
VEL=	2.9		
VELOCITY DISTRIBUTION FOR SECNO=	38.00	CWSEL=	702.59
STA=	584. 616.		
VEL=	2.9		
VELOCITY DISTRIBUTION FOR SECNO=	39.00	CWSEL=	702.75
STA=	431. 447. 582. 655. 1052. 1065.		
VEL=	.0 .1 1.3 .3 .0		

VELOCITY DISTRIBUTION FOR SECNO=	122.00	CWSEL=	715.75
STA=	195. 231. 428. 472. 485.		
VEL=	1.2 .2 .3 .2		
VELOCITY DISTRIBUTION FOR SECNO=	123.00	CWSEL=	715.78
STA=	285. 300. 320. 340. 382. 389.		
VEL=	.1 .1 .2 1.2 .2		
VELOCITY DISTRIBUTION FOR SECNO=	124.00	CWSEL=	715.83
STA=	300. 340.		
VEL=	1.4		
VELOCITY DISTRIBUTION FOR SECNO=	125.00	CWSEL=	715.81
STA=	392. 422.		
VEL=	4.0		
VELOCITY DISTRIBUTION FOR SECNO=	126.00	CWSEL=	716.53
STA=	177. 200. 220. 240. 260. 320. 340. 563. 569.		
VEL=	.1 .1 .2 .2 .2 2.5 .2 .1		
VELOCITY DISTRIBUTION FOR SECNO=	127.00	CWSEL=	716.81
STA=	266. 380. 420. 600. 618. 625. 634. 645.		
VEL=	.2 .3 .3 .4 .5 2.7 .3		
VELOCITY DISTRIBUTION FOR SECNO=	128.00	CWSEL=	716.92
STA=	318. 357. 650. 879. 942. 965. 1003. 1011.		
VEL=	.0 .0 .1 .2 1.0 .1 .0		
VELOCITY DISTRIBUTION FOR SECNO=	129.00	CWSEL=	716.95
STA=	171. 180. 200. 220. 440. 459. 480. 503. 510.		
VEL=	.0 .1 .1 .1 .1 .1 .1 1.5 .1		
VELOCITY DISTRIBUTION FOR SECNO=	130.00	CWSEL=	717.00
STA=	131. 140. 367. 390. 430. 465. 482.		
VEL=	.0 .1 .1 1.1 .1 .0		
VELOCITY DISTRIBUTION FOR SECNO=	131.00	CWSEL=	717.03
STA=	320. 380. 440. 580.		
VEL=	.1 1.0 .0		
VELOCITY DISTRIBUTION FOR SECNO=	132.00	CWSEL=	717.07
STA=	377. 380. 440. 460. 480. 500. 520. 540. 560. 580. 640. 652.		
VEL=	.0 1.0 .1 .1 .1 .1 .1 .0 .0 .0 .0 .0		
VELOCITY DISTRIBUTION FOR SECNO=	133.00	CWSEL=	717.10
STA=	151. 165. 260. 287. 302. 317. 425. 468.		
VEL=	.0 .2 .2 1.3 .2 .2 .0		
VELOCITY DISTRIBUTION FOR SECNO=	134.00	CWSEL=	717.13
STA=	207. 340. 368. 425. 502.		
VEL=	.1 .1 .8 .1		
VELOCITY DISTRIBUTION FOR SECNO=	135.00	CWSEL=	717.16
STA=	138. 157. 225. 250. 434. 438. 452. 461. 625. 660. 679.		
VEL=	.0 .1 .1 .1 .1 .1 .9 .1 .1 .1 .0		
VELOCITY DISTRIBUTION FOR SECNO=	136.00	CWSEL=	717.18
STA=	234. 420. 460. 480. 520. 603.		
VEL=	.1 .1 .1 1.2 .1		
VELOCITY DISTRIBUTION FOR SECNO=	137.00	CWSEL=	717.24
STA=	177. 348. 402. 405. 418. 433. 443. 457. 491.		
VEL=	.1 .2 .3 1.8 .3 .3 .2 .1		
VELOCITY DISTRIBUTION FOR SECNO=	138.00	CWSEL=	717.28
STA=	192. 340. 356. 387. 400. 411.		
VEL=	.1 .3 1.2 .3 .0		

VELOCITY DISTRIBUTION FOR SECNO=	50.00	CWSEL=	705.25
STA=	220.	228.	272.
VEL=	.3	.5	.3
			4.1
VELOCITY DISTRIBUTION FOR SECNO=	50.50	CWSEL=	705.78
STA=	325.	340.	360.
VEL=	.3	.5	.5
			.4
			.2
			3.7
			.5
			.3
VELOCITY DISTRIBUTION FOR SECNO=	51.00	CWSEL=	706.25
STA=	381.	421.	
VEL=	3.3		
VELOCITY DISTRIBUTION FOR SECNO=	51.50	CWSEL=	706.76
STA=	177.	191.	200.
VEL=	.2	.2	.3
			.4
			.4
			3.0
			.3
			.1
VELOCITY DISTRIBUTION FOR SECNO=	52.00	CWSEL=	707.15
STA=	171.	175.	250.
VEL=	.2	.2	.2
			.1
			2.7
			.2
			.2
			.2
VELOCITY DISTRIBUTION FOR SECNO=	52.50	CWSEL=	707.50
STA=	151.	200.	220.
VEL=	.5	.5	.5
			.5
			.5
			.5
			2.6
			.2
			.2
VELOCITY DISTRIBUTION FOR SECNO=	53.00	CWSEL=	707.83
STA=	279.	281.	318.
VEL=	.3	3.1	.5
			.3
VELOCITY DISTRIBUTION FOR SECNO=	53.50	CWSEL=	708.14
STA=	206.	260.	280.
VEL=	.3	.4	.5
			.5
			2.2
			.5
			.4
			.4
			.3
			.3
VELOCITY DISTRIBUTION FOR SECNO=	54.00	CWSEL=	708.29
STA=	273.	360.	383.
VEL=	.3	.4	2.2
			.5
			.5
			.5
			.5
			.5
			.4
			.4
			.4
			.2
			.2
VELOCITY DISTRIBUTION FOR SECNO=	55.00	CWSEL=	708.36
STA=	119.	200.	225.
VEL=	.3	.4	2.5
			.5
			.5
			.5
			.5
			.5
			.4
			.4
			.4
			.2
VELOCITY DISTRIBUTION FOR SECNO=	56.00	CWSEL=	708.36
STA=	293.	302.	333.
VEL=	.6	4.1	.6
			.6
VELOCITY DISTRIBUTION FOR SECNO=	57.00	CWSEL=	708.61
STA=	278.	321.	
VEL=	2.3		
VELOCITY DISTRIBUTION FOR SECNO=	58.00	CWSEL=	708.73
STA=	278.	321.	
VEL=	2.2		
VELOCITY DISTRIBUTION FOR SECNO=	59.00	CWSEL=	708.96
STA=	46.	229.	
VEL=	1.2		
VELOCITY DISTRIBUTION FOR SECNO=	59.30	CWSEL=	708.96
STA=	46.	229.	
VEL=	1.2		
VELOCITY DISTRIBUTION FOR SECNO=	59.60	CWSEL=	708.97
STA=	246.	357.	
VEL=	1.0		
VELOCITY DISTRIBUTION FOR SECNO=	60.00	CWSEL=	708.98
STA=	246.	357.	
VEL=	1.0		

VELOCITY DISTRIBUTION FOR SECNO=	61.00	CWSEL=	708.96
STA=	629.	744.	785.
VEL=	1.1	2.3	1.1
VELOCITY DISTRIBUTION FOR SECNO=	62.00	CWSEL=	709.02
STA=	527.	540.	722.
VEL=	.8	.9	1.8
VELOCITY DISTRIBUTION FOR SECNO=	63.00	CWSEL=	709.08
STA=	592.	633.	671.
VEL=	.8	1.6	.8
VELOCITY DISTRIBUTION FOR SECNO=	64.00	CWSEL=	709.14
STA=	392.	434.	470.
VEL=	.2	2.3	.4
VELOCITY DISTRIBUTION FOR SECNO=	65.00	CWSEL=	709.18
STA=	303.	355.	390.
VEL=	.3	2.3	.4
VELOCITY DISTRIBUTION FOR SECNO=	66.00	CWSEL=	709.27
STA=	368.	403.	436.
VEL=	.4	2.6	.3
VELOCITY DISTRIBUTION FOR SECNO=	67.00	CWSEL=	709.31
STA=	365.	378.	410.
VEL=	.2	2.6	.2
VELOCITY DISTRIBUTION FOR SECNO=	67.50	CWSEL=	709.47
STA=	122.	140.	160.
VEL=	.1	.2	.3
VELOCITY DISTRIBUTION FOR SECNO=	68.00	CWSEL=	709.68
STA=	203.	293.	328.
VEL=	.2	2.0	.4
VELOCITY DISTRIBUTION FOR SECNO=	68.50	CWSEL=	709.79
STA=	421.	433.	468.
VEL=	.2	2.4	.5
VELOCITY DISTRIBUTION FOR SECNO=	69.00	CWSEL=	709.96
STA=	572.	610.	804.
VEL=	1.9	.5	.3
VELOCITY DISTRIBUTION FOR SECNO=	69.50	CWSEL=	710.08
STA=	534.	652.	695.
VEL=	.3	2.0	.4
VELOCITY DISTRIBUTION FOR SECNO=	70.00	CWSEL=	710.21
STA=	208.	380.	478.
VEL=	.4	.4	.4
VELOCITY DISTRIBUTION FOR SECNO=	70.30	CWSEL=	710.25
STA=	281.	444.	467.
VEL=	.4	2.3	.5
VELOCITY DISTRIBUTION FOR SECNO=	70.60	CWSEL=	710.33
STA=	174.	300.	360.
VEL=	.1	.1	.1
VELOCITY DISTRIBUTION FOR SECNO=	71.00	CWSEL=	710.35
STA=	180.	400.	597.
VEL=	.1	.2	.8
VELOCITY DISTRIBUTION FOR SECNO=	71.50	CWSEL=	710.37
STA=	255.	380.	440.
VEL=	.1	.1	.2

VELOCITY DISTRIBUTION FOR SECNO=	72.00	CWSEL=	710.39
STA=	139. 247. 260. 471. 524. 544. 674.		
VEL=	.2 .2 .2 .1 1.1 .2		
VELOCITY DISTRIBUTION FOR SECNO=	73.00	CWSEL=	710.43
STA=	368. 440. 460. 480. 540. 560.		
VEL=	.1 .1 .1 1.0 .2		
VELOCITY DISTRIBUTION FOR SECNO=	74.00	CWSEL=	710.44
STA=	543. 586.		
VEL=	1.0		
VELOCITY DISTRIBUTION FOR SECNO=	75.00	CWSEL=	710.42
STA=	557. 576.		
VEL=	2.1		
VELOCITY DISTRIBUTION FOR SECNO=	76.00	CWSEL=	710.51
STA=	420. 480. 560. 585.		
VEL=	.1 .7 .1		
VELOCITY DISTRIBUTION FOR SECNO=	76.50	CWSEL=	710.52
STA=	260. 340. 380. 400. 417. 420. 440. 460. 480. 500. 520. 536.		
VEL=	.6 .1 .1 .1 .0 .0 .0 .0 .0 .0 .0 .0		
VELOCITY DISTRIBUTION FOR SECNO=	77.00	CWSEL=	710.53
STA=	476. 563. 671.		
VEL=	.6 .1		
VELOCITY DISTRIBUTION FOR SECNO=	77.50	CWSEL=	710.54
STA=	296. 320. 332. 400. 420. 440. 452.		
VEL=	.0 .1 .7 .1 .0 .0		
VELOCITY DISTRIBUTION FOR SECNO=	78.00	CWSEL=	710.55
STA=	241. 330.		
VEL=	.7		
VELOCITY DISTRIBUTION FOR SECNO=	79.00	CWSEL=	710.58
STA=	184. 250.		
VEL=	.8		
VELOCITY DISTRIBUTION FOR SECNO=	79.30	CWSEL=	710.57
STA=	266. 332.		
VEL=	1.5		
VELOCITY DISTRIBUTION FOR SECNO=	79.60	CWSEL=	710.64
STA=	240. 332.		
VEL=	1.1		
VELOCITY DISTRIBUTION FOR SECNO=	80.00	CWSEL=	710.69
STA=	197. 198. 235. 287.		
VEL=	.0 2.0 .1		
VELOCITY DISTRIBUTION FOR SECNO=	81.00	CWSEL=	710.75
STA=	421. 460.		
VEL=	2.0		
VELOCITY DISTRIBUTION FOR SECNO=	82.00	CWSEL=	710.87
STA=	296. 299. 352. 391.		
VEL=	.1 1.5 .1		
VELOCITY DISTRIBUTION FOR SECNO=	82.30	CWSEL=	710.91
STA=	365. 439.		
VEL=	.8		
VELOCITY DISTRIBUTION FOR SECNO=	82.60	CWSEL=	710.91
STA=	365. 439.		
VEL=	.8		

VELOCITY DISTRIBUTION FOR SECNO=	83.00	CWSEL=	710.89
STA=	106. 111. 141. 145.		
VEL=	.2 1.9 .2		
VELOCITY DISTRIBUTION FOR SECNO=	84.00	CWSEL=	710.92
STA=	286. 295. 340.		
VEL=	.3 1.8		
VELOCITY DISTRIBUTION FOR SECNO=	85.00	CWSEL=	710.98
STA=	465. 476. 506. 538.		
VEL=	.2 1.9 .2		
VELOCITY DISTRIBUTION FOR SECNO=	86.00	CWSEL=	711.03
STA=	542. 550. 580. 600.		
VEL=	.2 1.9 .2		
VELOCITY DISTRIBUTION FOR SECNO=	87.00	CWSEL=	711.14
STA=	304. 337. 338.		
VEL=	2.0 .2		
VELOCITY DISTRIBUTION FOR SECNO=	88.00	CWSEL=	711.21
STA=	215. 261.		
VEL=	2.3		
VELOCITY DISTRIBUTION FOR SECNO=	88.30	CWSEL=	711.45
STA=	363. 400.		
VEL=	2.6		
VELOCITY DISTRIBUTION FOR SECNO=	88.60	CWSEL=	711.73
STA=	328. 360.		
VEL=	2.6		
VELOCITY DISTRIBUTION FOR SECNO=	89.00	CWSEL=	711.99
STA=	310. 340.		
VEL=	2.6		
VELOCITY DISTRIBUTION FOR SECNO=	89.50	CWSEL=	712.33
STA=	229. 240. 260. 280. 297. 340. 380. 383.		
VEL=	.2 .4 .4 .3 .3 2.1 .0		
VELOCITY DISTRIBUTION FOR SECNO=	90.00	CWSEL=	712.55
STA=	144. 302. 330. 412.		
VEL=	.3 1.6 .6		
VELOCITY DISTRIBUTION FOR SECNO=	91.00	CWSEL=	712.70
STA=	488. 520.		
VEL=	2.6		
VELOCITY DISTRIBUTION FOR SECNO=	92.00	CWSEL=	713.02
STA=	401. 460. 500. 525.		
VEL=	.4 1.8 .3		
VELOCITY DISTRIBUTION FOR SECNO=	92.30	CWSEL=	713.06
STA=	480. 520.		
VEL=	1.3		
VELOCITY DISTRIBUTION FOR SECNO=	92.60	CWSEL=	713.07
STA=	480. 520.		
VEL=	1.3		
VELOCITY DISTRIBUTION FOR SECNO=	93.00	CWSEL=	713.07
STA=	451. 491. 534. 535.		
VEL=	.2 1.7 .3		
VELOCITY DISTRIBUTION FOR SECNO=	94.00	CWSEL=	713.08
STA=	364. 380. 480. 520. 522.		
VEL=	.0 .1 1.9 .0		

VELOCITY DISTRIBUTION FOR SECNO=	95.00	CWSEL=	713.12
STA=	273.	300.	400.
VEL=	.1	.1	.1
		407.	440.
		.1	.1
		2.0	.2
VELOCITY DISTRIBUTION FOR SECNO=	96.00	CWSEL=	713.21
STA=	303.	320.	340.
VEL=	.1	.1	.1
		440.	451.
		.1	.1
		.1	.1
		.1	.1
		500.	549.
		1.7	.0
VELOCITY DISTRIBUTION FOR SECNO=	97.00	CWSEL=	713.35
STA=	192.	220.	240.
VEL=	.1	.0	.0
		262.	660.
		1.4	.4
		.2	
VELOCITY DISTRIBUTION FOR SECNO=	98.00	CWSEL=	713.48
STA=	738.	765.	796.
VEL=	2.3	.6	
VELOCITY DISTRIBUTION FOR SECNO=	98.30	CWSEL=	713.65
STA=	800.	820.	
VEL=	2.7		
VELOCITY DISTRIBUTION FOR SECNO=	98.60	CWSEL=	713.92
STA=	842.	874.	
VEL=	2.1		
VELOCITY DISTRIBUTION FOR SECNO=	99.00	CWSEL=	714.09
STA=	831.	869.	
VEL=	2.1		
VELOCITY DISTRIBUTION FOR SECNO=	99.50	CWSEL=	714.31
STA=	774.	780.	840.
VEL=	.1	1.8	
VELOCITY DISTRIBUTION FOR SECNO=	100.00	CWSEL=	714.51
STA=	751.	785.	
VEL=	2.0		
VELOCITY DISTRIBUTION FOR SECNO=	100.50	CWSEL=	714.67
STA=	603.	660.	
VEL=	1.6		
VELOCITY DISTRIBUTION FOR SECNO=	101.00	CWSEL=	714.79
STA=	472.	509.	543.
VEL=	.1	1.8	.1
		.3	.2
		740.	770.
VELOCITY DISTRIBUTION FOR SECNO=	102.00	CWSEL=	714.85
STA=	469.	480.	507.
VEL=	.1	2.0	.2
		517.	
VELOCITY DISTRIBUTION FOR SECNO=	103.00	CWSEL=	714.92
STA=	393.	400.	403.
VEL=	.2	.5	3.6
		426.	431.
		1.0	
VELOCITY DISTRIBUTION FOR SECNO=	104.00	CWSEL=	715.17
STA=	259.	323.	365.
VEL=	.1	1.3	.3
		419.	
VELOCITY DISTRIBUTION FOR SECNO=	104.30	CWSEL=	715.19
STA=	380.	420.	
VEL=	1.0		
VELOCITY DISTRIBUTION FOR SECNO=	104.60	CWSEL=	715.20
STA=	380.	420.	
VEL=	1.0		
VELOCITY DISTRIBUTION FOR SECNO=	105.00	CWSEL=	715.21
STA=	253.	300.	
VEL=	1.2		

VELOCITY DISTRIBUTION FOR SECNO=	122.00	CWSEL=	715.75
STA=	195. 231. 428. 472. 485.		
VEL=	1.2 .2 .3 .2		
VELOCITY DISTRIBUTION FOR SECNO=	123.00	CWSEL=	715.78
STA=	285. 300. 320. 340. 382. 389.		
VEL=	.1 .1 .2 1.2 .2		
VELOCITY DISTRIBUTION FOR SECNO=	124.00	CWSEL=	715.83
STA=	300. 340.		
VEL=	1.4		
VELOCITY DISTRIBUTION FOR SECNO=	125.00	CWSEL=	715.81
STA=	392. 422.		
VEL=	4.0		
VELOCITY DISTRIBUTION FOR SECNO=	126.00	CWSEL=	716.53
STA=	177. 200. 220. 240. 260. 320. 340. 563. 569.		
VEL=	.1 .1 .2 .2 .2 .2 2.5 .2 .1		
VELOCITY DISTRIBUTION FOR SECNO=	127.00	CWSEL=	716.81
STA=	266. 380. 420. 600. 618. 625. 634. 645.		
VEL=	.2 .3 .3 .4 .5 2.7 .3		
VELOCITY DISTRIBUTION FOR SECNO=	128.00	CWSEL=	716.92
STA=	318. 357. 650. 879. 942. 965. 1003. 1011.		
VEL=	.0 .0 .1 .2 1.0 .1 .0		
VELOCITY DISTRIBUTION FOR SECNO=	129.00	CWSEL=	716.95
STA=	171. 180. 200. 220. 440. 459. 480. 503. 510.		
VEL=	.0 .1 .1 .1 .1 .1 .1 1.5 .1		
VELOCITY DISTRIBUTION FOR SECNO=	130.00	CWSEL=	717.00
STA=	131. 140. 367. 390. 430. 465. 482.		
VEL=	.0 .1 .1 1.1 .1 .0		
VELOCITY DISTRIBUTION FOR SECNO=	131.00	CWSEL=	717.03
STA=	320. 380. 440. 580.		
VEL=	.1 1.0 .0		
VELOCITY DISTRIBUTION FOR SECNO=	132.00	CWSEL=	717.07
STA=	377. 380. 440. 460. 480. 500. 520. 540. 560. 580. 640. 652.		
VEL=	.0 1.0 .1 .1 .1 .1 .0 .0 .0 .0 .0		
VELOCITY DISTRIBUTION FOR SECNO=	133.00	CWSEL=	717.10
STA=	151. 165. 260. 287. 302. 317. 425. 468.		
VEL=	.0 .2 .2 1.3 .2 .2 .0		
VELOCITY DISTRIBUTION FOR SECNO=	134.00	CWSEL=	717.13
STA=	207. 340. 368. 425. 502.		
VEL=	.1 .1 .8 .1		
VELOCITY DISTRIBUTION FOR SECNO=	135.00	CWSEL=	717.16
STA=	138. 157. 225. 250. 434. 438. 452. 461. 625. 660. 679.		
VEL=	.0 .1 .1 .1 .1 .1 .9 .1 .1 .1 .0		
VELOCITY DISTRIBUTION FOR SECNO=	136.00	CWSEL=	717.18
STA=	234. 420. 460. 480. 520. 603.		
VEL=	.1 .1 .1 1.2 .1		
VELOCITY DISTRIBUTION FOR SECNO=	137.00	CWSEL=	717.24
STA=	177. 348. 402. 405. 418. 433. 443. 457. 491.		
VEL=	.1 .2 .3 1.8 .3 .3 .2 .1		
VELOCITY DISTRIBUTION FOR SECNO=	138.00	CWSEL=	717.28
STA=	192. 340. 356. 387. 400. 411.		
VEL=	.1 .3 1.2 .3 .0		

VELOCITY DISTRIBUTION FOR SECNO=	139.00	CWSEL=	717.29
STA=	145. 260. 300. 309.		
VEL=	.1 1.1 .1		
VELOCITY DISTRIBUTION FOR SECNO=	140.00	CWSEL=	717.30
STA=	124. 229. 280. 285.		
VEL=	.1 1.0 .1		
VELOCITY DISTRIBUTION FOR SECNO=	141.00	CWSEL=	717.31
STA=	190. 200. 216. 260.		
VEL=	.2 .1 1.4		
VELOCITY DISTRIBUTION FOR SECNO=	142.00	CWSEL=	717.34
STA=	566. 585. 627. 642.		
VEL=	.3 .8 .3		
VELOCITY DISTRIBUTION FOR SECNO=	143.00	CWSEL=	717.34
STA=	683. 718.		
VEL=	1.4		
VELOCITY DISTRIBUTION FOR SECNO=	144.00	CWSEL=	717.35
STA=	683. 718.		
VEL=	1.4		
VELOCITY DISTRIBUTION FOR SECNO=	145.00	CWSEL=	717.38
STA=	466. 542.		
VEL=	.5		
VELOCITY DISTRIBUTION FOR SECNO=	146.00	CWSEL=	717.41
STA=	466. 542.		
VEL=	.5		
VELOCITY DISTRIBUTION FOR SECNO=	147.00	CWSEL=	717.42
STA=	391. 425. 502. 665.		
VEL=	.1 .3 .1		
VELOCITY DISTRIBUTION FOR SECNO=	147.50	CWSEL=	717.42
STA=	138. 165. 314. 425. 502. 905. 1128. 1173.		
VEL=	.0 .0 .1 .1 .0 .0 .0		
VELOCITY DISTRIBUTION FOR SECNO=	148.00	CWSEL=	717.42
STA=	103. 115. 155. 378. 535. 989. 1097. 1113. 1178. 1287.		
VEL=	.0 .0 .0 .1 .1 .0 .0 .0 .0 .0		
VELOCITY DISTRIBUTION FOR SECNO=	149.00	CWSEL=	717.42
STA=	168. 197. 225. 533. 625. 1221. 1265. 2010. 2102.		
VEL=	.0 .0 .0 .1 .1 .0 .0 .0 .0		

Moss-American Site
Predesign Task 10
Revision: 0
Date: 4 January 1993

APPENDIX E

**WDNR AND U.S. ARMY CORPS OF ENGINEERS
PERMITS FOR FLOW MONITORING GAGE INSTALLATION**

**DEPARTMENT OF THE ARMY**

ST. PAUL DISTRICT, CORPS OF ENGINEERS

180 E. KELLOGG BLVD., ROOM 1421

ST. PAUL, MINNESOTA 55101-1421

September 23, 1992

REPLY TO
ATTENTION OF**Construction-Operations
Regulatory (92-07554-NW-HRQ)****Kerr McGee Chemical Corporation
Attention: General Manager
798 Factory Street
West Chicago, Illinois 60185****Dear General Manager:**

We have reviewed the information provided us about your project to install flow monitoring equipment in the Little Menomonee River. The project site is located in Sec. 5, T. 8N., R. 21E., Milwaukee County, Wisconsin.

This work is eligible for authorization by a Department of the Army nationwide permit, provided the enclosed conditions are followed. However, because the Corps considers Clean Water Act section 401 Water Quality Certification and Coastal Zone Management Consistency for this nationwide permit to have been denied by the Wisconsin Department of Natural Resources (WDNR), you must obtain those certifications from WDNR in order for the nationwide permit to be valid for your project.

Contact the local WDNR Area or District office (see enclosed map) for the Section 401 Certification and Coastal Zone Management Consistency determination. You may consider your project authorized by the nationwide permit when you obtain those certifications.

It is your responsibility to ensure that the work complies with the terms of this letter and the enclosures. **IT IS YOUR RESPONSIBILITY TO OBTAIN ALL REQUIRED STATE AND LOCAL PERMITS AND APPROVALS BEFORE YOU PROCEED WITH THE PROJECT.**

If you have any questions, contact Henry R. Quinlan in our Waukesha office at (414) 547-6986.

Sincerely,

Enclosure(s)

Ben Wopat
Ben Wopat
Chief, Regulatory Branch
Construction-Operations Division

Determination: 33 CFR 330-App. A, Nationwide permit number (5)

(Reference WDNR No. 3-EE-92-328)

Construction-Operations
Regulatory (92-07554-NW-HRQ)

Enclosure

B. Nationwide Permit

5. Scientific Measurement Devices. Staff gages, tide gages, water recording devices, water quality testing and improvement devices and similar structures. Small weirs and flumes constructed primarily to record water quantity and velocity are also authorized provided the discharge is limited to 25 cubic yards and further for discharges of 10 to 25 cubic yards provided the permittee notifies the District Engineer in accordance with "Notification" general condition. (Sections 10 and 404)

Nationwide Permit Conditions

General Conditions: The following general conditions must be followed in order for any authorization by a nationwide permit to be valid:

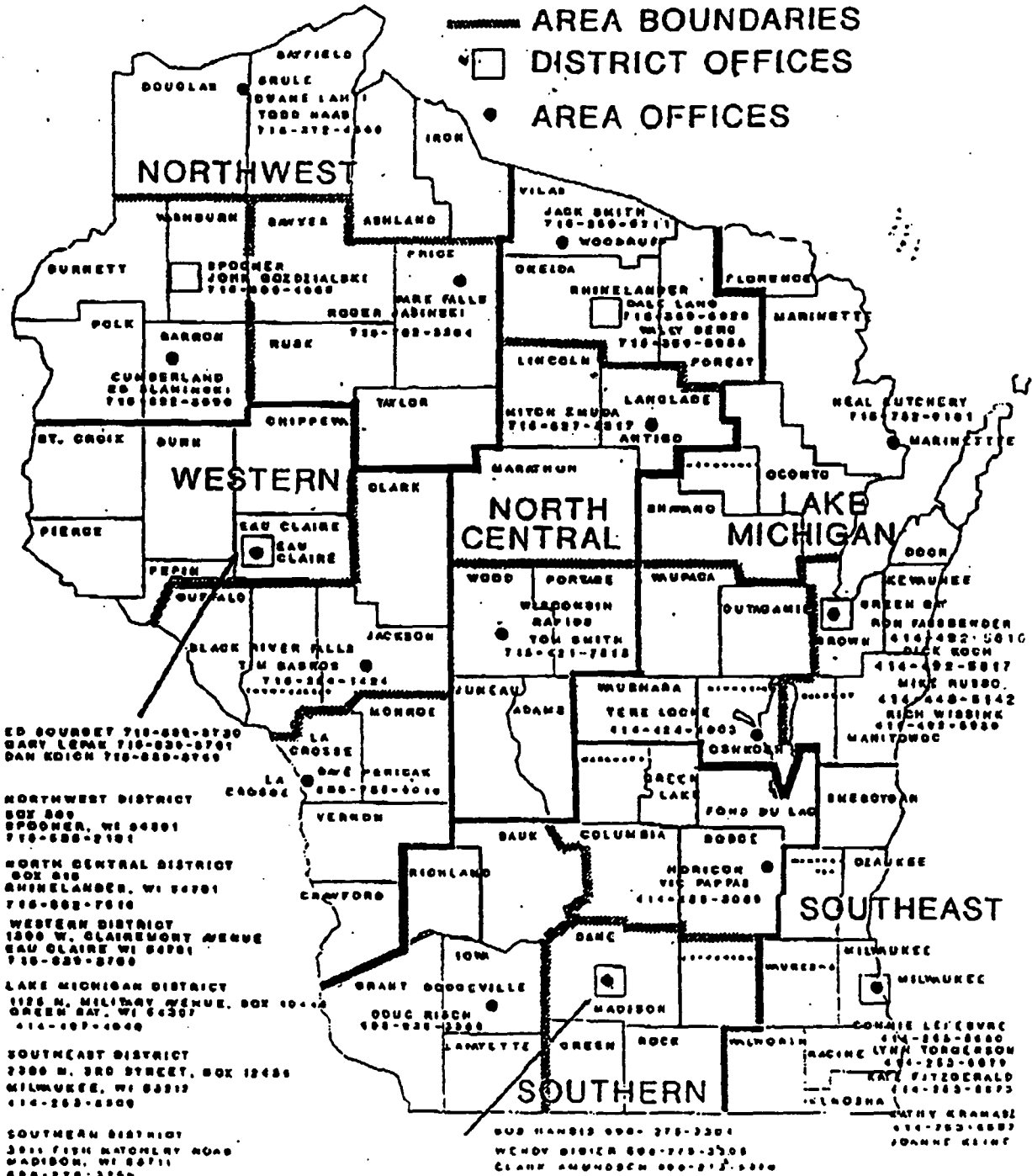
1. Navigation. No activity may cause more than a minimal adverse effect on navigation.
2. Proper maintenance. Any structure or fill authorized shall be properly maintained, including maintenance to assure public safety.
3. Erosion and siltation controls. Appropriate erosion and siltation controls must be used and maintained in effective operating condition during construction, and all exposed soil and other fills must be permanently stabilized at the earliest practicable date.
4. Aquatic life movements. No activity may substantially disrupt the movement of those species of aquatic life migratory to the waterbody, including those species which normally migrate through the area, unless the activity's primary purpose is to impound water.
5. Equipment. Heavy equipment working in wetlands must be placed on mats or other measures must be taken to minimize soil disturbance.
6. Regional and case-by-case conditions. The activity must comply with any regional conditions which may have been added by the division engineer (see 33 CFR 330.4(e)) and any case specific conditions added by the Corps.
7. WMA and Scenic Rivers. No activity may occur in a component of the National WMA and Scenic River System or in a river officially designated by Congress as a "study river" for possible inclusion in the system, while the river is in official study status. Information on WMA and Scenic Rivers may be obtained from the National Park Service and the U.S. Forest Service.
8. Tidal rights. No activity or its operation may impair reserved tidal rights, including, but not limited to, reserved water rights and treaty fishing and hunting rights.
9. Water quality certification. In certain states, an individual state water quality certification must be obtained or waived (see 33 CFR 330.4(g)).
10. Coastal zone management. In certain states, an individual state coastal zone management consistency concurrence must be obtained or waived. (see 33 CFR 330.4(f)).
11. Endangered Species. No activity is authorized under any NWP which is likely to jeopardize the continued existence of a threatened or endangered species or a species proposed for such designation, as identified under the Federal Endangered Species Act, or which is likely to destroy or adversely modify the critical habitat of such species. Non-federal permittees shall notify the district engineer if any listed species or critical habitat might be affected or is in the vicinity of the project and shall not begin work on the activity until notified by the district engineer that the requirements of the Endangered Species Act have been satisfied and that the activity is authorized. Information on the location of threatened and endangered species and their critical habitat can be obtained from the U.S. Fish and Wildlife Service and National Marine Fisheries Service. (see 33 CFR 330.4(i)).
12. Historic properties. No activity which may affect historic properties listed, or eligible for listing, in the National Register of Historic Places is authorized, until the DB has complied with the provisions of 33 CFR 325, Appendix C. The prospective permittee must notify the district engineer if the authorized activity may affect any historic properties listed, determined to be eligible, or which the prospective permittee has reason to believe may be eligible for listing on the National Register of Historic Places, and shall not begin the activity until notified by the District Engineer that the requirements of the National Historic Preservation Act have been satisfied and that the activity is authorized. Information on the location and existence of historic resources can be obtained from the State Historic Preservation Office and the National Register of Historic Places (see 33 CFR 330.4(j)).

Section 404 Only Conditions: In addition to the General Conditions, the following conditions apply only to activities that involve the discharge of dredged or fill material and must be followed in order for authorization by the nationwide permits to be valid:

1. Water supply intakes. No discharge of dredged or fill material may occur in the proximity of a public water supply intake except where the discharge is for repair of the public water supply intake structures or adjacent bank stabilization.
2. Shellfish production. No discharge of dredged or fill material may occur in areas of concentrated shellfish production, unless the discharge is directly related to a shellfish harvesting activity authorized by nationwide permit 4.
3. Suitable material. No discharge of dredged or fill material may consist of unsuitable material (e.g., trash, debris, car bodies, etc.) and material discharged must be free from toxic pollutants in toxic amounts (see section 307 of the Clean Water Act).
4. Mitigation. Discharges of dredged or fill material into waters of the United States must be minimized or avoided to the maximum extent practicable at the project site (i.e. on-site), unless the DE has approved a compensation mitigation plan for the specific regulated activity.
5. Spawning areas. Discharges in spawning areas during spawning seasons must be avoided to the maximum extent practicable.
6. Obstruction of high flows. To the maximum extent practicable, discharges must not permanently restrict or impede the passage of normal or expected high flows or cause the relocation of the water (unless the primary purpose of the fill is to impound waters).
7. Adverse impacts from impoundments. If the discharge creates an impoundment of water, adverse impacts on the aquatic system caused by the accelerated passage of water and/or the restriction of its flow shall be minimized to the maximum extent practicable.
8. Waterfowl breeding areas. Discharges into breeding areas for migratory waterfowl must be avoided to the maximum extent practicable.
9. Removal of temporary fills. Any temporary fills must be removed in their entirety and the affected areas returned to their preexisting elevation.

DNR FIELD DISTRICTS AND AREAS

- DISTRICT BOUNDARIES
- ▬ AREA BOUNDARIES
- DISTRICT OFFICES
- AREA OFFICES





State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Carroll D. Besadny
Secretary

Southeast District
2300 N. Dr. Martin Luther King Jr. Dr.
Post Office Box 12436
Milwaukee, Wisconsin 53212
Telephone: 414-263-8500
Telefax: 414-263-8716

September 28, 1992

File Ref: 3500

Gary Deigan, Senior Project Manager
Roy F. Weston, Inc.
Three Hawthorne Parkway Suite 400
Vernon Hills, IL 60061

Dear Mr. Deigan:

We have reviewed your permit application to place a flow monitoring gage for remediation design on the bed of the Little Menomonee River and we have approved it with some limitations. The permit conditions that you must follow are enclosed. Please read these conditions carefully so that you are fully aware of what is expected of you. If a contractor is doing the work for you, give him a copy of these conditions to keep at the project site. Keep a copy for your records.

Your next step is to notify us of the date that you plan to start your project. Please notify us at least five days before starting work. If you have any questions, feel free to call me at (414) 263-8679.

Sincerely,

Lynn Torgerson
Environmental Engineer

c: U.S. Army Corps of Engineers
Don Tills
Milwaukee County Conservation Warden
Public Intervenor's Office
Milwaukee Metropolitan Sewerage District
City of Milwaukee
Gary Edelstein - SW/3
Wisconsin DOT - District 2
Milwaukee County Parks Dept.

BEFORE THE
DEPARTMENT OF NATURAL RESOURCES

Application of the Kerr-McGee Chemical Corp.) File Ref: 3500
for a Permit to Place a Flow Monitoring Gage)
on the Bed of the Little Menomonee River,) 3-SE-92-328
City of Milwaukee, Milwaukee County.)

FINDINGS OF FACT

1. Kerr-McGee Chemical Corporation, 798 Factory Street, West Chicago, IL 60185, through their agent, Roy F. Weston, Inc., Three Hawthorn Parkway, Suite 400, Vernon Hills, IL 60061, has applied to the Department of Natural Resources for a permit to install a flow monitoring gage on the Little Menomonee River. The purpose of this project is to monitor flow rates along the Little Menomonee River in connection with EPA Superfund site remediation.
2. The proposed project is located on the Little Menomonee River at Brown Deer Road in the SW1/4 of section 5, Township 8 North, Range 21 East, City of Milwaukee, Milwaukee County.
3. The project site is a streambed of about 15' from bank to bank. The streambanks were fairly well vegetated and the bed had with mostly sand, gravel, and rubble bottom. The depth of water on the date of the inspection varied from 1' to 3' with 8" of silt. There was some duckweed, grasses, aster sp., cattails, box elder below the Ordinary High Water Mark. Observed above the OHWM were grasses, queen anne's lace, chicory, goldenrod, several immature trees.

The stream does not have much shade cover, but there are areas of ripples and pools. Upstream is a large wetland, however, surrounding is a highly industrialized area. This site is Superfund site.

There were butterflies, grasshoppers, crickets, songbirds and small mammals observed on the date of inspection. corridor for a variety of songbirds and small mammals.

4. The applicant has complied with all procedural and legal requirements of Wis. Stats., 30.12. A thirty-day public notice published in the Milwaukee Journal on August 28, 1992. There was one telephone inquiry regarding this project. No objections were received on this proposal.
5. The proposed project will not materially obstruct navigation and will not be detrimental to other public interests if constructed in accordance with this permit.
6. The proposed project will not adversely affect water quality, will not increase water pollution in surface waters and will not cause environmental pollution as defined in section 144.01(3), Wis. Stats., if the project is constructed in accordance with this permit.

7. The Department has determined that the grant or denial of this permit would not be a major state action significantly affecting the quality of the human environment.
8. The proposed project will meet the standards for approval set forth in sections NR 1.95(4)(c), 102, 103, 115, 116, and 117, Wisconsin Administrative Code.
9. The Department of Natural Resources and the applicant have completed all procedural requirements and the project as permitted will comply with all applicable requirements of Wisconsin Statutes and Wisconsin Administrative Code. A public notice was required for this project.
10. The Department finds the issuance of this permit will not injure or adversely affect public rights, including flora and fauna and associated habitat, scenic beauty or aesthetic enjoyment, and will not adversely affect the rights of other riparian proprietors.
11. The proposed culvert/roadway was evaluated for backwater impacts by SEWRPC. It was determined that the roadway would not cause an increase in the 100-year floodplain elevation and therefore meets the standards of the local zoning ordinance and NR116.
12. The project does not involve wetlands and will not be impacting the adjacent wetland, and therefore meets the requirements of NR103, Wisconsin Administrative Code.

CONCLUSIONS OF LAW

1. The Department has authority under section 30.12, Wisconsin Statutes, to issue a permit for this project.
2. The proposed project conforms with sections NR 1.95, 102, 103, 115, 116, and 117, Wisconsin Administrative Code.
3. The Department has complied with the requirements of section 1.11, Wisconsin Statutes, and chapter NR 150, Wisconsin Administrative Code.

PERMIT

The Department grants a permit according to Section 30.12, Wisconsin Statutes, to place a flow monitoring gage on the bed and banks of the Little Menomonee River, City of Milwaukee, Milwaukee County, with these conditions:

1. You are responsible for obtaining any permit or approval that may be required for your project by municipal, town or county zoning ordinances or by the U.S. Army Corps of Engineers before starting your project.
- * 2. You must notify our office not less than 5 days prior to starting work and upon completion of the project by calling me at (414) 263-8679 or in writing.
3. This permit does not authorize any work other than what is specifically described in your application and plans unless conditioned or modified in this permit. The plan that the Department is authorizing is that submitted in the original August 5, 1992 application. In specific, the Department is authorizing the placement of a pressure transducer and data logging equipment. If you wish to change the project as permitted, you must first obtain written approval from the Department.
4. You must allow free and unlimited access to your project site at any time to any Department employee who is investigating the project's construction, operation or maintenance.
5. The Department may revoke this permit as necessary to protect the public interest.
- * 6. You must keep a copy of this permit and approved plans at the project site at all times until the project is complete.
7. Your accepting this permit and beginning to construct the project means that you have read, understand and agree to follow all conditions of this permit.
8. Failure to comply with the terms of this permit are subject to prosecution pursuant to sections 23.50, 23.79, and/or 30.12(5), Wisconsin Statutes, and/or 30.03, Wisconsin Statutes.
9. The Department may amend or impose additional conditions, as necessary, to protect public health, safety and welfare.
10. This permit to install the gage expires on September 28, 1993. Should you foresee that this project will not be complete on this date, a request for modification along with justification must be submitted to this office not less than 30 days prior to permit expiration.
11. You must follow an erosion control plan during and after construction. The silt screens must remain in place until the vegetation has returned and stabilized. Regular maintenance of the erosion control measures must occur. The site must be revegetated as soon as practicably possible.

12. Bottom materials must be removed by equipment which is designed to minimize the amount of sediment that can escape into the water. Equipment must be properly sized so that excavation conforms to the plans submitted and allows works to be done from the banks rather than in the stream.
13. None of the removed materials may be deposited or stored upon any part of the bed of the waterway below the ordinary high water mark and all removed materials shall be placed out of the floodway of any stream. Excavated materials may not be placed in any wetlands. Excavated materials must be place in a DNR approved location.
14. The permittee or agent of the permittee is not allowed to do construction during periods of high stream flow.
15. Removal of any vegetation may not commence until immediately before excavation begins.
16. The Department must be notified in writing prior to any temporary diversion of the stream during construction. Proposed means of diversion as well as a timetable will be expected.
17. Results of the flow monitoring shall be transmitted to both the United States Geological Survey and the Department of Natural Resources.

NOTICE OF APPEAL RIGHTS

If you believe that you have a right to challenge this decision, you should know that Wisconsin Statutes and Wisconsin Administrative Rules establish time periods within which requests to review Department decisions must be filed.

For judicial review of a decision pursuant to sections 227.52 and 227.53, Stats., you have 30 days after the decision is mailed, or otherwise served by the Department to file your petition with the appropriate circuit court and serve petition on the Department. Such a petition for judicial review shall name the Department of Natural Resources as the respondent.

To request a contested case hearing pursuant to section 227.42, Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of Department of Natural Resources. The filing of a request for a contested case hearing is not a prerequisites for judicial review and does not extend the 30-day period for filing a petition for judicial review.

Dated at Milwaukee, Wisconsin: _____

9/28/92

STATE OF WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
For the Secretary

By: _____

Lynn Torgerson
Environmental Engineer

For the District Director

PERMIT FOR MINOR ALTERATIONS
AFFECTING STATE TRUNK HIGHWAY

E.M-402 9-78

State of Wisconsin / Department of Transportation

	<table border="1"> <tr> <th>Highway</th> <th>Town City</th> <th>County</th> </tr> <tr> <td>S.T.H. 100</td> <td>Milwaukee</td> <td>Milwaukee</td> </tr> </table>	Highway	Town City	County	S.T.H. 100	Milwaukee	Milwaukee
Highway	Town City	County					
S.T.H. 100	Milwaukee	Milwaukee					
<p>Name and Address of Applicant</p> <p>ROY F. WESTON INC. 1 WESTON WAY BLDG. 5-1 WEST CHESTER, PA. 19380</p>	<p>Location of Minor Alteration</p> <p>S.W. 1/4 SEC. 5, T8N, R21E. WEST BROWN DEER ROAD AT LITTLE MEMOMONEE RIVER BOX CULVERT B-40-492</p>						

Description of Proposed Minor Alteration

FLOW GAGE, CONSISTING OF A PRESSURE TRANSDUCER AND DATA LOGGING DEVICE.

It is understood and agreed that approval is subject to the applicant's full compliance with the pertinent Statutes, as well as any more restrictive codes, rules and regulations of other jurisdictional agencies, and with the Wisconsin Department of Transportation Policy for the Accommodation of Utilities on Highway Right-of-Way, current edition. Applicant shall also comply with all special provisions, all applicable standard provisions, superimposed notes, and detail drawings, which shall govern in the order here-listed to any extent they might disagree.

Any alteration of this form is prohibited. Any alteration of this form by the applicant may be cause to revoke this permit.

Elizabeth Holt
(Authorized Representative) (Date)
Project Engineer
(Title)

APPROVED BY DIVISION OF TRANSPORTATION FACILITIES

District Director	Date	Permit Number
-------------------	------	---------------

15. No direct access for the installation, maintenance or repair of the permitted facility shall derive from the travel lane or shoulder of any freeway, nor from any ramp or loop or an interchange thereof, except access rendered imperative by an actual emergency. In the latter event, contact shall be established by the applicant with the Wisconsin State Patrol and with the Wisconsin Department of Transportation District Office indicated on the face of this permit by the earliest means possible.
16. Permitted facilities shall be located as defined within this permit. Any part of facility found to be otherwise located shall be subject to correction by and at the cost of the applicant to such extent as the highway authority may specify. Any facility or part thereof which is located other than as the permit defines occupies such location solely at the risk of the applicant. Accordingly, if the same is undetected or is suffered to remain in variance to the permit, the applicant agrees to hold the state, its employees, agents and officers harmless and free of any cost, claim or liability associated with any accidental damage to such facility which might result from a highway construction, maintenance, traffic control, or right of way management function.
17. All highway facilities disturbed by the permitted works or associated operations shall be restored promptly. If restoration is not accomplished voluntarily, without delay, the highway authority may issue a notice setting forth a time-certain by which the restoration must be completed. If the applicant fails to satisfactorily complete all restorations within the time thus established, the highway authority may arrange directly for all needful restorations, and all costs associated with such restorations and the arrangements therefor shall be a cost-obligation of the applicant. The applicant agrees to pay any and all of such costs within 60 calendar days of the state billing.
18. Any brush, trash or waste materials resulting from the permitted works shall be removed from the highway right of way. All elm tree cuttings stemming from the work shall be disposed of in accordance with the procedures of the Wisconsin Department of Transportation. Copy of the procedure may be obtained by contacting the Wisconsin Highway Transportation District Office identified on the face of this permit. No tree or shrub of any species shall be cut, trimmed or damaged to facilitate the installation or maintenance of the permitted facility except as authorized by the owner of such tree or shrub. ss/86.03(2)(4), 86.16(3), 182.017(6), Wis. Statutes, and others pertaining.
19. Upon completion of the work and restorations, written notice thereof shall be filed with the District Chief Maintenance Engineer of that Wisconsin Highway Transportation District Office indicated on the face of this permit.
20. Operations and safety precautions pertinent to any trenching, tunneling, or excavation activities shall comply with the most strict requirements of all applicable regulations and codes, including, but not limited to, those of the Wisconsin Department of Industry, Labor and Human Relations.
21. Smooth and finished slopes shall be constructed at any locations where any regraded portion of the highway right-of-way meets the lands of an adjacent property owner.
22. Any excavation authorized within the limits of any normal highway pavement or shoulder area shall be backfilled with suitable granular material, placed in lifts or layers 12" or less each in depth, and compacted mechanically to the compaction of the adjacent and undisturbed ground or material. Water flooding and the use of moisture in excess of necessity to facilitate mechanical compaction are expressly prohibited. Any subsequent heavings, settlings, or other faultings attributable to the permitted works shall be repaired to the satisfaction of the highway authority at the applicant's expense. Temporary sheeting & shoring shall be used as necessary to prevent soil caving in trenches and tunnels.
23. Any curb, gutter, pavement, sidewalk, driveway, gravel base, ballast or shouldering material, or other element of the highway right of way or facility disturbed by the permitted works shall be restored in kind to the qualities, grades, compactions and conditions at least equal to those prevailing ahead of the permitted work operations and all to the satisfaction of the Chief Maintenance Engineer of the Highway Transportation District indicated on the face of this permit.
24. Any turfed area of the right of way disturbed by the permitted works and operations shall be restored with fine-graded top-soil having a depth of not less than 4 inches, and re-seeded to perennial grass, or sodded.
25. If, in the opinion of the District Chief Maintenance Engineer, the permit associated works or facilities obstruct highway drainage, increase the difficulty of highway maintenance unduly, or in any other manner adversely affect a highway interest, the applicant shall, upon notice thereof, cure the fault in the manner directed, and restore the highway facility to the satisfaction of the said highway authority.
26. For jacked or augered installations across and beneath any freeway, no vehicle, equipment nor material shall be any nearer to any freeway travel lane than the jacking pits; and no jacking pit shall be any nearer to the outer edge of the nearest freeway lane than 30 feet.
27. The permittee is responsible to assure that the site of construction is secure against any hazard to the public, both when the site is attended and during off-hours, any holiday, and the hours of night when the site may be unattended.

INDEMNIFICATION

EM775 91

Wisconsin Department of Transportation

The Applicant shall save and hold the State, its officers, employees, agents, and all private and governmental contractors and subcontractors with the State under Chapter 84 Wisconsin Statutes, harmless from actions of any nature whatsoever (including any by Applicant itself) which arise out of, or are connected with, or are claimed to arise out of or be connected with any of the work done by the Applicant, or the construction or maintenance of facilities by the Applicant, pursuant to this permit or any other permit issued by the State for location of property, lines or facilities on highway right-of-way, (1) while the Applicant is performing its work, or (2) while any of the Applicant's property, equipment, or personnel, are in or about such place or the vicinity thereof, or (3) while any property constructed, placed or operated by or on behalf of Applicant remains on the State's property or right-of-way pursuant to this permit or any other permit issued by the State for location of property, lines or facilities on highway right-of-way; including without limiting the generality of the foregoing, all liability, damages, loss, expense, claims, demands and actions on account of personal injury, death or property loss to the State, its officers, employees, agents, contractors, subcontractors or frequenters; to the Applicant, its employees, agents, contractors, subcontractors, or frequenters; or to any other persons, whether based upon, or claimed to be based upon, statutory (including, without limiting the generality of the foregoing, worker's compensation), contractual, tort, or whether or not caused or claimed to have been caused by active or inactive negligence or other breach of duty by the State, its officers, employees, agents, contractors, subcontractors or frequenters; Applicant, its employees, agents, contractors, subcontractors or frequenters; or any other person. Without limiting the generality of the foregoing, the liability, damage, loss, expense, claims, demands and actions indemnified against shall include all liability, damage, loss, expense, claims, demands and actions for damage to any property, lines or facilities placed by or on behalf of the Applicant pursuant to this permit or any other permit issued by the State for location of property, lines or facilities on highway right-of-way in the past or present, or that are located on any highway or State property or right-of-way with or without a permit issued by the State, for any loss of data, information, or material; for trademark, copyright or patent infringement; for unfair competition or infringement of personal or property rights of any kind whatever. The Applicant shall at its own expense investigate all such claims and demands, attend to their settlement or other disposition, defend all actions based thereon and pay all charges of attorneys and all other costs and expenses of any kind arising from any such liability, damage, loss, claims, demands and actions.

Any transfer, whether voluntary or involuntary, of ownership or control of any property constructed, placed or operated by or on behalf of the Applicant that remains on the State's property or right-of-way pursuant to this permit shall not release Applicant from any of the indemnification requirements of this permit, unless the State is notified of such transfer in writing. Any acceptance by any other person or entity, whether voluntary or involuntary, of ownership or control of any property constructed, placed or operated by or on behalf of the Applicant that remains on the State's property or right-of-way pursuant to this permit, shall include acceptance of all of the indemnification requirements of this permit by the other person or entity receiving ownership or control.

Notwithstanding the foregoing, a private contractor or subcontractor with the State under Chapter 84 Wisconsin Statutes, that fails to comply with sections 66.047 and 182.0175 Wisconsin Statutes (1985-1986), remains subject to the payment to the Applicant of the actual cost of repair of intentional or negligent damage by the contractor or subcontractor to any property, lines or facilities placed by or on behalf of the Applicant pursuant to this permit or any other permit issued by the State for location of property, lines or facilities on highway right-of-way, and remains subject to payment to the Applicant for losses due to personal injury or death resulting from negligence by the contractor or subcontractor.

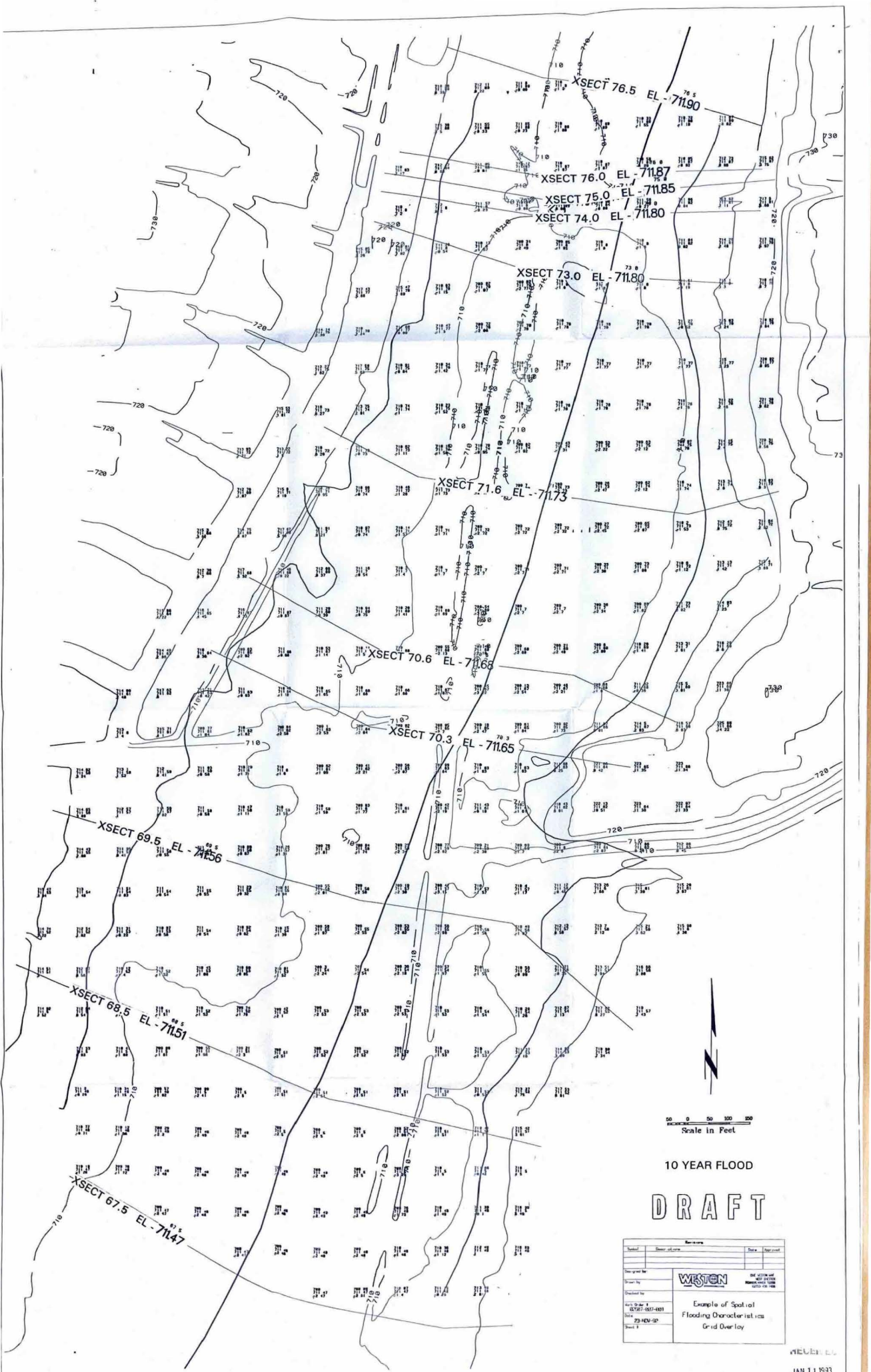
Notwithstanding the foregoing, if the State, or its officers, employees and agents, fail to comply with sections 66.047 and 182.0175 Wisconsin Statutes (1985-1986), the State or its officers, employees and agents, remain subject to the payment to the Applicant of the actual cost of repair of willful and intentional damage by the State, or its officers, employees and agents, to any property, lines or facilities placed by or on behalf of the Applicant pursuant to this permit or any other permit issued by the State for location of property, lines or facilities on highway right-of-way, and remain subject to payment to the Applicant for losses due to personal injury or death resulting from negligence by the State, its officers, employees and agents.

No indemnification of private contractors or subcontractors with the State under Chapter 84 Wisconsin Statutes, shall apply in the event of willful and intentional damage by such private contractors or subcontractors to the property, lines and facilities of the Applicant located on the highway right-of-way pursuant to this permit or any other permit issued by the State for the location of property, lines or facilities on highway right-of-way.

EXHIBITS

Exhibit

- A Example of Spatial Flooding Characteristic Grid Overlay
- B Floodplain Map - Upper Reach
- C Floodplain Map - Middle Reach
- D Floodplain Map - Lower Reach
- E 2-Year Flood Sluggish Moving Water/Ponding Areas Map - Upper Reach
- F 2-Year Flood Sluggish Moving Water/Ponding Areas Map - Middle Reach
- G 2-Year Flood Sluggish Moving Water/Ponding Areas Map - Lower Reach



10 YEAR FLOOD

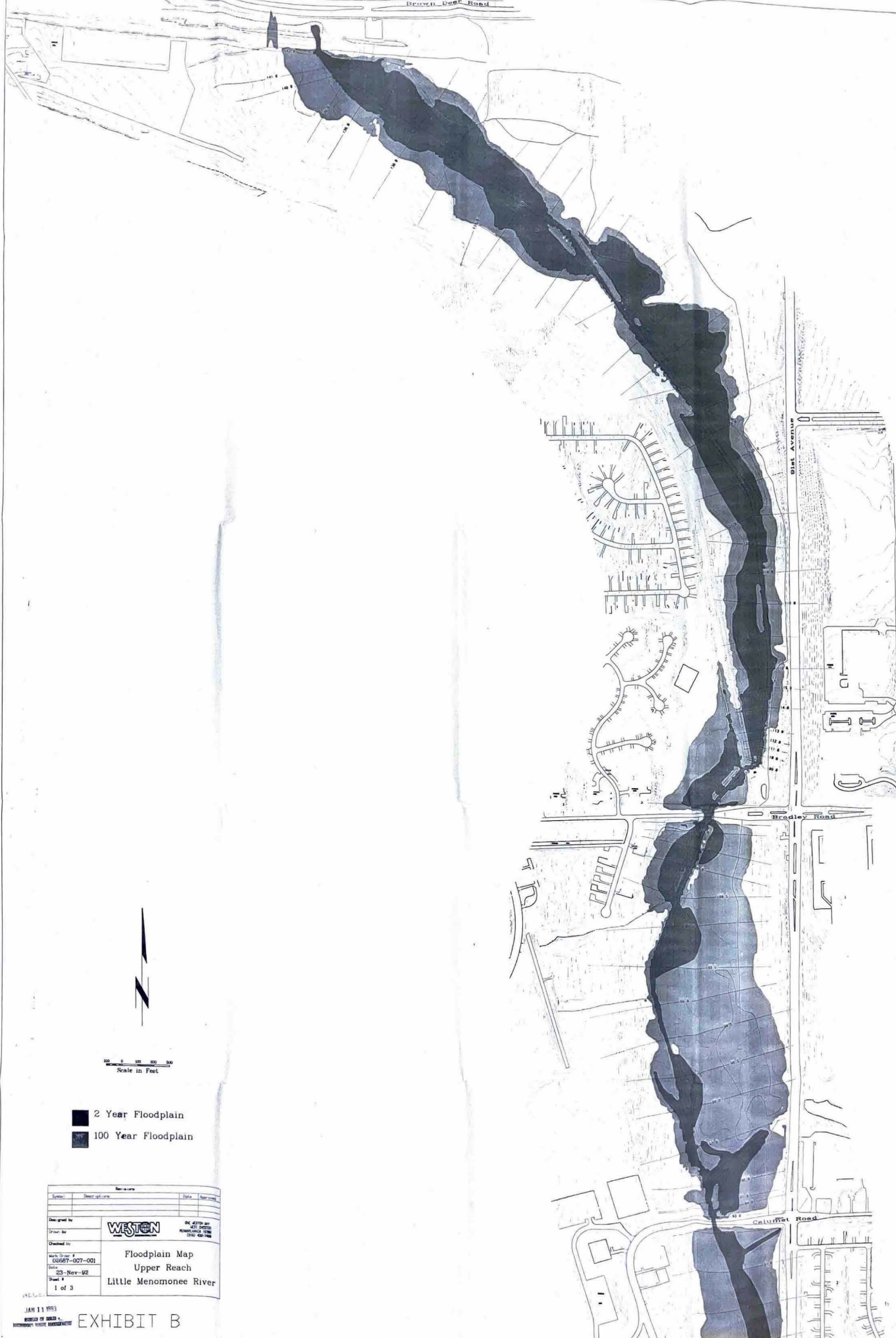
DRAFT

Revisions	
No.	Description

Designed by	
Drawn by	
Checked by	
Scale	AS SHOWN
Date	02/07/2011
Sheet	23-429-02
Sheet	1

Example of Spatial
Flooding Characteristics
Grid Overlay

Exhibit A



Scale in Feet
0 100 200 300

- 2 Year Floodplain
- 100 Year Floodplain

Revisions		Date	App. Name
Symbol	Description		

Designed by	WESTON	24 4770 4th 201 Quinn Menomonee Falls WI 53051
Drawn by		
Checked by	Floodplain Map	
Work Order	Upper Reach	
Date	Little Menomonee River	
Sheet #	1 of 3	



0 100 200 300
Scale in Feet

- 2 Year Floodplain
- 100 Year Floodplain

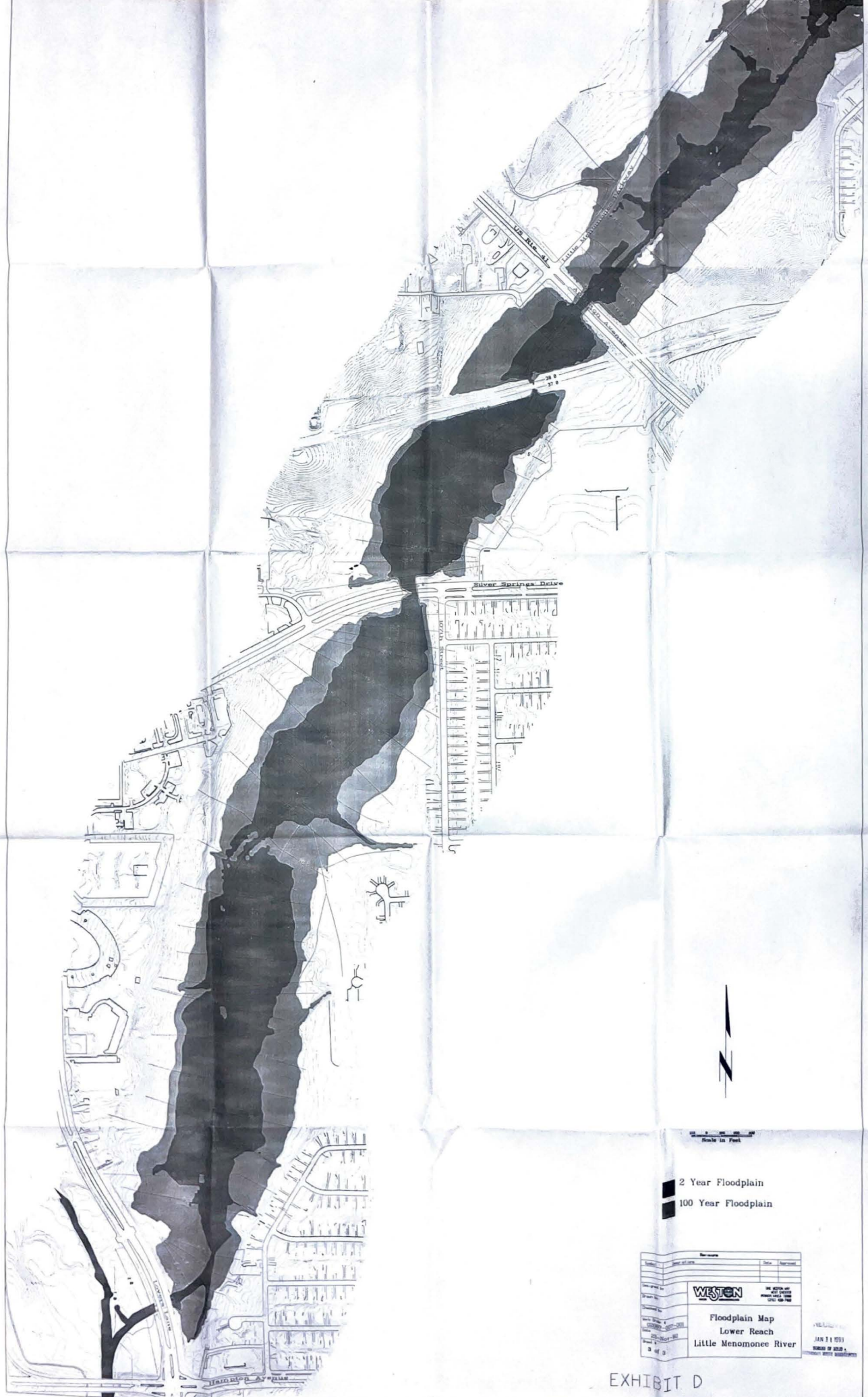
REVISIONS	
Date	Description

Designed by	WESTON	DE. ACTS OF 2007-2008 REVISIONS 2008-2009
Drawn by		
Checked by	Floodplain Map	
Work Year	2008-2009-001	
Date	03-30-09	
Sheet #	2 of 3	

EXHIBIT C

JAN 11 1993
DIVISION OF PLANNING
MUNICIPAL DEVELOPMENT





2 Year Floodplain
 100 Year Floodplain

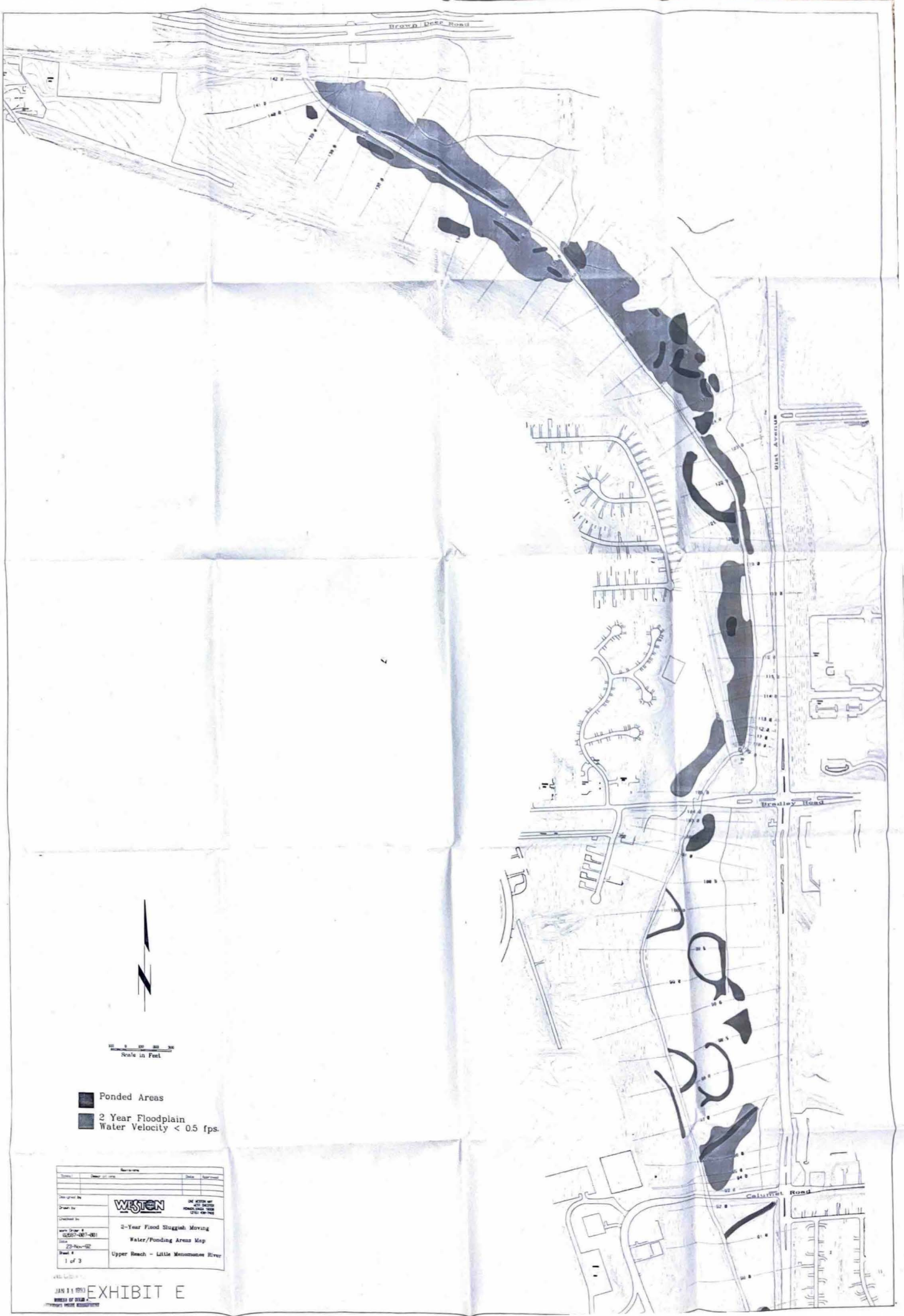
Revisions	
Number	Description

WESTON
 AN EQUAL OPPORTUNITY
 FIRM FOR ALL
 RACES AND ETHNICITIES

Floodplain Map
Lower Reach
Little Menomonee River

JAN 31 1993
 SHEET OF 2022

EXHIBIT D



Scale in Feet

- Ponded Areas
- 2 Year Floodplain
- Water Velocity < 0.5 fps.

REVISIONS	
NO.	DESCRIPTION

Prepared by WESTON	IN ACCORD WITH THE LATEST PROFESSIONAL SEAL REQUIREMENTS
Checked by DATE: 12/27/87-881	2-Year Flood Sluggish Moving Water/Ponding Areas Map
DATE: 12/27/87-881	Upper Reach - Little Menomonee River
SHEET # 1 of 3	



Scale in Feet

- Ponded Areas
- 2 Year Floodplain
- Water Velocity < 0.5 fps.

Revisions			
Number	Description	Date	Approved

Designed by	WESTON	INC. 20700 1st and 2nd Street Middletown, MD 21130
Drawn by		
Checked by	2-Year Flood Sluggish Moving	
Scale	Water/Ponding Area Map	
Sheet #	Middle Reach - Little Menomosee River	
2 of 3		

EXHIBIT F

JAN 11 1993
 PROJECT OF 2002
 MIDDLE REACH - LITTLE MENOMOSEE RIVER





- Ponded Areas
- 2 Year Floodplain
- Water Velocity < 0.5 fps.

JAN 11 1993
 BRIDGE ST. 1000 •
 PROJECT: BRIDGE CONSTRUCTION

Symbol	Description	Notes
	Ponded Areas	
	2 Year Floodplain	
	Water Velocity < 0.5 fps.	
WESTON		
2-Year Flood Hagglieli Hovig		
Water/Ponding Areas Map		
Lower Reach - Little Menominee River		
3 of 3		

EXHIBIT G