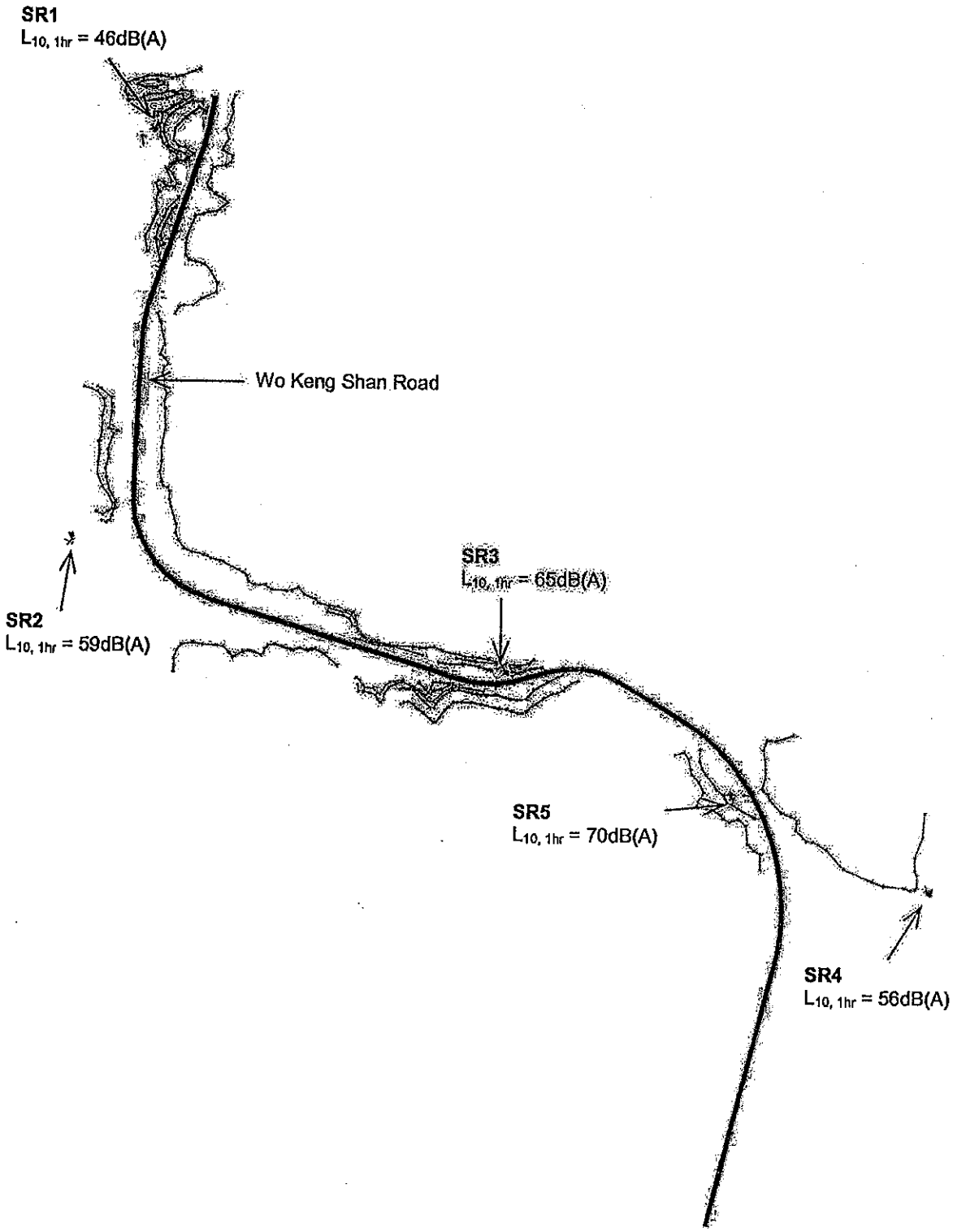
Appendix 4.6

Compute Plot of Road Traffic Noise Model


SR1
$L_{10, 1hr}$ = 46dB(A)
Wo Keng Shan Road
SR2
$L_{10, 1hr}$ = 59dB(A)
SR3
$L_{10, 1hr}$ = 65dB(A)
SR5
$L_{10, 1hr}$ = 70dB(A)
SR4
$L_{10, 1hr}$ = 56dB(A)

RoadNoise Output File

* * * RoadNoise 2000 * * *
Run Name: Filename : NENT-01.MAS
Run Date: 05/07/2006

Calc of Road Traffic Noise: L10

TRAFFIC DATA

FLOW ID NUMBER	FLOW RATE	% HEAVY	MEAN SPEED	SPEED BASIS
1.0	-95.	95.0	50.0	3.0
2.0	-95.	95.0	50.0	3.0

************SEGMENT DATA************

SEG NO	CATE GORY	FLOW NO	START X	START Y	HEIGHT H	GRND RE.GND	<- - CARRIAGEWAYS - - -> TYPE	TYPE	WIDTH	SEP'N	ELEV'N	RET. CUT	ROAD SURFACE TEXT.	DEPTH	END COORDINATES X	Y	H
101.0	1.	2.0	836462.1	842424.9	19.2	19.3	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836483.4	842509.9	19.3
102.0	1.	2.0	836483.4	842509.9	19.3	20.1	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836497.3	842568.4	20.8
103.0	1.	2.0	836497.3	842568.4	20.8	21.2	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836519.0	842654.0	21.6
104.0	1.	2.0	836519.0	842654.0	21.6	22.9	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836560.7	842819.3	24.2
105.0	1.	2.0	836560.7	842819.3	24.2	24.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836567.6	842851.4	25.0
106.0	1.	2.0	836567.6	842851.4	25.0	25.4	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836570.6	842883.1	25.8
107.0	1.	2.0	836570.6	842883.1	25.8	26.2	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836571.5	842910.1	26.6
108.0	1.	2.0	836571.5	842910.1	26.6	27.0	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836570.0	842936.8	27.4
109.0	1.	2.0	836570.0	842936.8	27.4	27.7	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836566.4	842965.4	27.9
110.0	1.	2.0	836566.4	842965.4	27.9	28.2	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836560.4	842993.8	28.5
111.0	1.	2.0	836560.4	842993.8	28.5	28.8	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836552.3	843021.3	29.0
112.0	1.	2.0	836552.3	843021.3	29.0	29.3	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836542.1	843048.4	29.5
113.0	1.	2.0	836542.1	843048.4	29.5	29.8	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836523.9	843083.8	30.1
114.0	1.	2.0	836523.9	843083.8	30.1	30.4	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836502.9	843116.3	30.6
115.0	1.	2.0	836502.9	843116.3	30.6	30.9	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836477.4	843147.4	31.2
116.0	1.	2.0	836477.4	843147.4	31.2	31.5	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836449.0	843173.4	31.8
117.0	1.	2.0	836449.0	843173.4	31.8	32.9	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836408.1	843199.4	34.0
118.0	1.	2.0	836408.1	843199.4	34.0	35.1	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836366.8	843224.3	36.2
119.0	1.	2.0	836366.8	843224.3	36.2	36.2	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836316.5	843253.7	36.2
120.0	1.	2.0	836316.5	843253.7	36.2	36.7	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836287.9	843267.4	37.1
121.0	1.	2.0	836287.9	843267.4	37.1	37.9	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836261.3	843271.6	38.7
122.0	1.	2.0	836261.3	843271.6	38.7	38.7	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836233.8	843271.0	38.6
123.0	1.	2.0	836233.8	843271.0	38.6	38.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836206.6	843265.9	38.5
124.0	1.	2.0	836206.6	843265.9	38.5	38.4	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836158.1	843251.5	38.3
125.0	1.	2.0	836158.1	843251.5	38.3	37.7	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836129.6	843247.1	37.5
126.0	1.	2.0	836129.6	843247.1	37.5	36.5	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836095.8	843249.1	36.3
127.0	1.	2.0	836095.8	843249.1	36.3	35.5	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836059.9	843257.6	35.1
128.0	1.	2.0	836059.9	843257.6	35.1	34.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836026.3	843268.7	34.1
129.0	1.	2.0	836026.3	843268.7	34.1	31.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835873.3	843314.7	29.0
130.0	1.	2.0	835873.3	843314.7	29.0	27.8	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835789.8	843340.3	26.5
131.0	1.	2.0	835789.8	843340.3	26.5	26.1	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835727.0	843359.3	25.7
132.0	1.	2.0	835727.0	843359.3	25.7	25.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835691.1	843369.5	25.4
133.0	1.	2.0	835691.1	843369.5	25.4	25.2	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835656.4	843383.0	25.0
134.0	1.	2.0	835656.4	843383.0	25.0	25.0	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835636.6	843394.1	24.9
135.0	1.	2.0	835636.6	843394.1	24.9	24.8	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835618.0	843408.3	24.7
136.0	1.	2.0	835618.0	843408.3	24.7	24.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835600.4	843426.6	24.5
137.0	1.	2.0	835600.4	843426.6	24.5	24.4	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835587.1	843446.8	24.3
138.0	1.	2.0	835587.1	843446.8	24.3	24.8	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835577.1	843466.4	25.2
139.0	1.	2.0	835577.1	843466.4	25.2	25.4	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835566.8	843494.5	25.5
140.0	1.	2.0	835566.8	843494.5	25.5	25.5	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835564.5	843522.0	25.5
141.0	1.	2.0	835564.5	843522.0	25.5	25.7	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835564.5	843548.5	25.8
142.0	1.	2.0	835564.5	843548.5	25.8	26.8	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835567.7	843637.8	27.8
143.0	1.	2.0	835567.7	843637.8	27.8	28.5	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835569.3	843675.4	29.2
144.0	1.	2.0	835569.3	843675.4	29.2	30.3	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835571.2	843727.1	31.3
145.0	1.	2.0	835571.2	843727.1	31.3	32.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835575.2	843788.7	33.8
146.0	1.	2.0	835575.2	843788.7	33.8	34.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835582.4	843826.9	35.3
147.0	1.	2.0	835582.4	843826.9	35.3	36.3	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835597.5	843872.8	37.2
148.0	1.	2.0	835597.5	843872.8	37.2	38.1	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835615.5	843924.9	39.0
149.0	1.	2.0	835615.5	843924.9	39.0	38.3	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835665.1	844071.4	37.6
150.0	1.	2.0	835665.1	844071.4	37.6	37.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835673.4	844103.2	37.6
151.0	1.	2.0	835673.4	844103.2	37.6	37.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835680.2	844144.4	37.6
201.0	1.	1.0	835683.6	844143.8	37.6	37.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835676.7	844102.3	37.6
202.0	1.	1.0	835676.7	844102.3	37.6	37.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835668.4	844070.3	37.6
203.0	1.	1.0	835668.4	844070.3	37.6	38.3	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835618.8	843925.7	39.0
204.0	1.	1.0	835618.8	843923.7	39.0	38.1	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835600.7	843871.7	37.2
205.0	1.	1.0	835600.7	843871.7	37.2	36.3	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835585.7	843825.8	35.3

************SEGMENT DATA************

SEG NO	CATE GORY	FLOW NO	START X	START Y	HEIGHT H	GRND RE.GND	<- - CARRIAGEWAYS - - -> TYPE	TYPE	WIDTH	SEP'N	ELEV'N	RET. CUT	ROAD SURFACE TEXT.	DEPTH	END COORDINATES X	Y	H
206.0	1.	1.0	835585.7	843825.8	35.3	34.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835578.5	843788.0	33.8
207.0	1.	1.0	835578.5	843788.0	33.8	32.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835574.7	843726.6	31.3
208.0	1.	1.0	835574.7	843726.6	31.3	30.3	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835572.6	843675.1	29.2
209.0	1.	1.0	835572.6	843675.1	29.2	28.5	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835571.1	843637.7	27.8
210.0	1.	1.0	835571.1	843637.7	27.8	26.8	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835567.8	843548.5	25.8
211.0	1.	1.0	835567.8	843548.5	25.8	25.7	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835567.9	843522.1	25.5
212.0	1.	1.0	835567.9	843522.1	25.5	25.5	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835570.1	843495.1	25.5
213.0	1.	1.0	835570.1	843495.1	25.5	25.4	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835580.3	843467.6	25.2
214.0	1.	1.0	835580.3	843467.6	25.2	24.8	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835590.1	843448.6	24.3
215.0	1.	1.0	835590.1	843448.6	24.3	24.4	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835603.1	843428.8	24.5
216.0	1.	1.0	835603.1	843428.8	24.5	24.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835621.0	843410.3	24.7
217.0	1.	1.0	835621.0	843410.3	24.7	24.8	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835638.8	843396.8	24.9
218.0	1.	1.0	835638.8	843396.8	24.9	25.0	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835658.2	843386.0	25.0
219.0	1.	1.0	835658.2	843386.0	25.0	25.2	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835692.6	843372.6	25.4
220.0	1.	1.0	835692.6	843372.6	25.4	25.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835728.2	843362.4	25.7
221.0	1.	1.0	835728.2	843362.4	25.7	26.1	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835791.0	843343.6	26.5
222.0	1.	1.0	835791.0	843343.6	26.5	27.8	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	835874.3	843318.0	29.0
223.0	1.	1.0	835874.3	843318.0	29.0	31.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836027.7	843271.9	34.1
224.0	1.	1.0	836027.7	843271.9	34.1	34.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836061.0	843260.8	35.1
225.0	1.	1.0	836061.0	843260.8	35.1	35.5	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836096.4	843252.4	36.3
226.0	1.	1.0	836096.4	843252.4	36.3	36.5	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836129.6	843250.5	37.5
227.0	1.	1.0	836129.6	843250.5	37.5	37.7	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836157.6	843254.9	38.3
228.0	1.	1.0	836157.6	843254.9	38.3	38.4	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836205.9	843269.1	38.5
229.0	1.	1.0	836205.9	843269.1	38.5	38.6	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836233.6	843274.4	38.6
230.0	1.	1.0	836233.6	843274.4	38.6	38.7	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836261.7	843275.1	38.7
231.0	1.	1.0	836261.7	843275.1	38.7	37.9	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836289.1	843270.6	37.1
232.0	1.	1.0	836289.1	843270.6	37.1	36.7	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836318.3	843256.6	36.2
233.0	1.	1.0	836318.3	843256.6	36.2	36.2	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836368.8	843227.2	36.2
234.0	1.	1.0	836368.8	843227.2	36.2	35.1	HARD	1-WY	1.7	0.0	0.0	NO	CONC	0.8	836410.0	843202.3	34.0

235.0	1.	1.0	836410.0	843202.3	34.0	32.9	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836451.6	843175.6	31.8
236.0	1.	1.0	836451.6	843175.6	31.8	31.5	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836480.1	843149.4	31.2
237.0	1.	1.0	836480.1	843149.4	31.2	30.9	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836505.6	843118.2	30.6
238.0	1.	1.0	836505.6	843118.2	30.6	30.4	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836526.9	843085.6	30.1
239.0	1.	1.0	836526.9	843085.6	30.1	29.8	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836545.4	843049.6	29.5
240.0	1.	1.0	836545.4	843049.6	29.5	29.3	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836555.7	843022.2	29.0
241.0	1.	1.0	836555.7	843022.2	29.0	28.8	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836563.8	842994.6	28.5
242.0	1.	1.0	836563.8	842994.6	28.5	28.2	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836569.7	842965.8	27.9
243.0	1.	1.0	836569.7	842965.8	27.9	27.7	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836573.6	842936.9	27.4
244.0	1.	1.0	836573.6	842936.9	27.4	27.0	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836574.8	842910.1	26.6
245.0	1.	1.0	836574.8	842910.1	26.6	26.2	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836574.1	842882.9	25.8
246.0	1.	1.0	836574.1	842882.9	25.8	25.4	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836571.1	842850.8	25.0
247.0	1.	1.0	836571.1	842850.8	25.0	24.6	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836564.1	842818.5	24.2
248.0	1.	1.0	836564.1	842818.5	24.2	22.9	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836522.1	842653.1	21.6
249.0	1.	1.0	836522.1	842653.1	21.6	21.2	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836500.6	842567.3	20.8
250.0	1.	1.0	836500.6	842567.3	20.8	20.1	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836486.8	842509.1	19.3
251.0	1.	1.0	836486.8	842509.1	19.3	19.3	HARD	1-HY	1.7	0.0	0.0	NO	CONC	0.8	836465.5	842423.8	19.2

**********RETAINED CUT DATA**********

SEGMENT	<- - - - LEFT - - - ->				<- - - - RIGHT - - - ->				ABSORB-
NUMBER	BOTTOM	TOP	DEPTH	ANGLE	BOTTOM	TOP	DEPTH	ANGLE	ENT

*** NONE ***

**********BARRIER DATA**********

BARRIER ID	START COORDINATES X	Y	H	END COORDINATES X	Y	H	WIDTH	FRACT OPEN	ACTIVE BARRIER ADJUSTMENT LEVELS
1102.0	835573.2	844068.4	30.0	835570.5	844082.9	30.0	0.0	0.00	
1105.0	835029.6	844646.2	40.0	834989.5	844678.9	40.0	0.0	0.00	
1106.0	834989.5	844678.9	40.0	834998.0	844709.4	40.0	0.0	0.00	
1107.0	834998.0	844709.4	40.0	835037.6	844716.8	40.0	0.0	0.00	
1108.0	835037.6	844716.8	40.0	835035.3	844734.9	40.0	0.0	0.00	
1109.0	835035.3	844734.9	40.0	835056.5	844773.3	40.0	0.0	0.00	
1110.0	835056.5	844773.3	40.0	835078.5	844768.9	40.0	0.0	0.00	
1111.0	835078.5	844768.9	40.0	835073.1	844789.7	40.0	0.0	0.00	
1112.0	835073.1	844789.7	40.0	835054.2	844805.4	40.0	0.0	0.00	
1113.0	835054.2	844805.4	40.0	835070.0	844842.1	40.0	0.0	0.00	
1114.0	835070.0	844842.1	40.0	835041.9	844861.6	40.0	0.0	0.00	
1115.0	835041.9	844861.6	40.0	834975.4	844824.8	40.0	0.0	0.00	
1116.0	834975.4	844824.8	40.0	834941.4	844904.4	40.0	0.0	0.00	
1117.0	834936.3	844956.8	40.0	834973.4	844979.0	40.0	0.0	0.00	
1118.0	834973.4	844979.0	40.0	834964.1	844990.8	40.0	0.0	0.00	
1119.0	834964.1	844990.8	40.0	834929.2	845008.8	40.0	0.0	0.00	
1120.0	834929.2	845008.8	40.0	834933.1	845033.1	40.0	0.0	0.00	
1121.0	834933.1	845033.1	40.0	834966.8	845064.0	40.0	0.0	0.00	
1122.0	835550.1	844619.9	120.0	835605.0	844627.1	120.0	0.0	0.00	
1123.0	835605.0	844627.1	120.0	835663.9	844647.0	120.0	0.0	0.00	
1124.0	835663.9	844647.0	120.0	835694.7	844659.3	120.0	0.0	0.00	
1125.0	835694.7	844659.3	120.0	835754.5	844662.0	120.0	0.0	0.00	
1126.0	835754.5	844662.0	120.0	835766.8	844668.0	120.0	0.0	0.00	
1127.0	835766.8	844668.0	120.0	835777.2	844694.7	120.0	0.0	0.00	
1128.0	835777.2	844694.7	120.0	835820.0	844712.3	120.0	0.0	0.00	
1129.0	836967.6	845050.0	100.0	836920.4	845048.6	100.0	0.0	0.00	
1130.0	836920.4	845048.6	100.0	836917.7	845021.2	100.0	0.0	0.00	
1131.0	836917.7	845021.2	100.0	836934.5	844971.0	100.0	0.0	0.00	
1132.0	836934.5	844971.0	100.0	836978.5	844933.1	100.0	0.0	0.00	
1133.0	836978.5	844933.1	100.0	836970.2	844909.5	100.0	0.0	0.00	
1134.0	836970.2	844909.5	100.0	836928.6	844903.5	100.0	0.0	0.00	
1135.0	836928.6	844903.5	100.0	836931.4	844852.4	100.0	0.0	0.00	
1136.0	836931.4	844852.4	100.0	836887.5	844817.9	100.0	0.0	0.00	
1137.0	836887.5	844817.9	100.0	836868.4	844824.7	100.0	0.0	0.00	
1138.0	836868.4	844824.7	100.0	836766.7	844794.6	100.0	0.0	0.00	
1139.0	836766.7	844794.6	100.0	836667.4	844773.2	100.0	0.0	0.00	
1140.0	836667.4	844773.2	100.0	836623.1	844731.9	100.0	0.0	0.00	
1141.0	836623.1	844731.9	100.0	836564.1	844785.7	100.0	0.0	0.00	
1142.0	836564.1	844785.7	100.0	836542.8	844810.2	100.0	0.0	0.00	
1143.0	836542.8	844810.2	100.0	836540.7	844863.1	100.0	0.0	0.00	
1144.0	836540.7	844863.1	100.0	836652.0	844910.9	100.0	0.0	0.00	
1145.0	836652.0	844910.9	100.0	836489.7	844894.8	100.0	0.0	0.00	
1146.0	836489.7	844894.8	100.0	836441.6	844869.9	100.0	0.0	0.00	
1147.0	836441.6	844869.9	100.0	836348.1	845110.4	100.0	0.0	0.00	
1148.0	836348.1	845110.4	100.0	836243.6	845191.1	100.0	0.0	0.00	
1149.0	836243.6	845191.1	100.0	836274.3	845324.2	100.0	0.0	0.00	
1150.0	836274.3	845324.2	100.0	836338.0	845367.1	100.0	0.0	0.00	
1151.0	836338.0	845367.1	100.0	836238.1	845476.3	100.0	0.0	0.00	
1152.0	836238.1	845476.3	100.0	836313.5	845569.7	100.0	0.0	0.00	
2001.0	835584.1	844100.0	37.2	835590.8	844090.5	37.2	0.0	0.00	
2002.0	835582.4	844092.5	37.2	835592.7	844098.1	37.2	0.0	0.00	
2003.0	835462.1	843462.6	29.6	835473.6	843456.7	29.6	0.0	0.00	
2004.0	835465.4	843454.1	29.6	835473.0	843464.2	29.6	0.0	0.00	
2005.0	836134.4	843284.9	44.6	836143.9	843267.6	44.6	0.0	0.00	
2006.0	836146.9	843281.4	44.6	836130.7	843271.7	44.6	0.0	0.00	
2007.0	836789.6	842941.9	35.2	836803.0	842940.6	35.2	0.0	0.00	

**********BARRIER DATA**********

BARRIER ID	START COORDINATES X	Y	H	END COORDINATES X	Y	H	WIDTH	FRACT OPEN	ACTIVE BARRIER ADJUSTMENT LEVELS
2008.0	836793.5	842947.2	35.2	836796.6	842937.1	35.2	0.0	0.00	
2009.0	836495.4	843080.5	36.0	836497.4	843070.7	36.0	0.0	0.00	
2010.0	836501.3	843076.2	36.0	836492.7	843076.9	36.0	0.0	0.00	
2011.0	834943.8	845807.8	28.5	834965.0	845834.2	28.5	0.0	0.00	
2012.0	834951.2	845837.4	28.5	834954.5	845805.4	28.5	0.0	0.00	
2013.0	834257.8	845789.6	21.8	834266.6	845795.9	21.8	0.0	0.00	
2014.0	834265.5	845788.3	21.8	834258.9	845797.0	21.8	0.0	0.00	
2015.0	834778.6	845728.9	27.3	834771.2	845752.7	27.3	0.0	0.00	
2016.0	834766.6	845731.6	27.3	834783.3	845749.9	27.3	0.0	0.00	
2017.0	836862.0	845495.8	56.8	836868.9	845504.8	56.8	0.0	0.00	
2018.0	836861.4	845504.3	56.8	836869.5	845496.4	56.8	0.0	0.00	
2019.0	834938.2	844912.5	47.3	834941.5	844922.8	47.3	0.0	0.00	
2020.0	834934.4	844918.4	47.3	834945.3	844917.0	47.3	0.0	0.00	
2027.0	836460.5	842425.5	19.2	836481.6	842510.8	19.3	0.0	0.00	
2028.0	836481.6	842510.8	19.3	836495.9	842568.9	20.8	0.0	0.00	
2029.0	836495.9	842568.9	20.8	836517.4	842654.7	21.6	0.0	0.00	
2030.0	836517.4	842654.7	21.6	836559.0	842820.1	24.2	0.0	0.00	
2031.0	836559.0	842820.1	24.2	836566.1	842851.6	25.0	0.0	0.00	
2032.0	836566.1	842851.6	25.0	836569.1	842883.4	25.8	0.0	0.00	
2033.0	836569.1	842883.4	25.8	836569.9	842909.8	26.6	0.0	0.00	
2034.0	836569.9	842909.8	26.6	836568.3	842937.1	27.4	0.0	0.00	
2035.0	836568.3	842937.1	27.4	836565.0	842964.6	27.9	0.0	0.00	
2036.0	836565.0	842964.6	27.9	836558.6	842993.4	28.5	0.0	0.00	

2037.0	836558.6	842993.4	28.5	836550.3	843020.7	29.0	0.0	0.00
2038.0	836550.3	843020.7	29.0	836540.4	843047.9	29.5	0.0	0.00
2039.0	836540.4	843047.9	29.5	836522.4	843083.4	30.1	0.0	0.00
2040.0	836522.4	843083.4	30.1	836501.5	843115.2	30.6	0.0	0.00
2041.0	836501.5	843115.2	30.6	836476.4	843146.1	31.2	0.0	0.00
2042.0	836476.4	843146.1	31.2	836447.8	843172.1	31.8	0.0	0.00
2043.0	836447.8	843172.1	31.8	836406.8	843198.1	34.0	0.0	0.00
2044.0	836406.8	843198.1	34.0	836366.1	843222.8	36.2	0.0	0.00
2045.0	836366.1	843222.8	36.2	836315.5	843252.3	36.2	0.0	0.00
2046.0	836315.5	843252.3	36.2	836287.6	843265.4	37.1	0.0	0.00
2047.0	836287.6	843265.4	37.1	836260.8	843270.0	38.7	0.0	0.00
2048.0	836260.8	843270.0	38.7	836234.4	843269.4	38.6	0.0	0.00
2049.0	836234.4	843269.4	38.6	836206.5	843263.8	38.5	0.0	0.00
2050.0	836206.5	843263.8	38.5	836158.4	843249.9	38.3	0.0	0.00
2051.0	836158.4	843249.9	38.3	836129.3	843245.4	37.5	0.0	0.00
2052.0	836129.3	843245.4	37.5	836095.6	843247.3	36.3	0.0	0.00
2053.0	836095.6	843247.3	36.3	836059.6	843255.7	35.1	0.0	0.00
2054.0	836059.6	843255.7	35.1	836026.0	843267.1	34.1	0.0	0.00
2055.0	836026.0	843267.1	34.1	835872.9	843312.8	29.0	0.0	0.00
2056.0	835872.9	843312.8	29.0	835789.7	843338.9	26.5	0.0	0.00
2057.0	835789.7	843338.9	26.5	835726.4	843357.4	25.7	0.0	0.00
2058.0	835726.4	843357.4	25.7	835689.8	843368.1	25.4	0.0	0.00
2059.0	835689.8	843368.1	25.4	835654.9	843381.3	25.0	0.0	0.00
2060.0	835654.9	843381.3	25.0	835635.1	843392.9	24.9	0.0	0.00
2061.0	835635.1	843392.9	24.9	835616.7	843406.8	24.7	0.0	0.00
2062.0	835616.7	843406.8	24.7	835598.7	843425.5	24.5	0.0	0.00
2063.0	835598.7	843425.5	24.5	835585.6	843446.0	24.3	0.0	0.00
2064.0	835585.6	843446.0	24.3	835575.1	843466.1	25.2	0.0	0.00
2065.0	835575.1	843466.1	25.2	835564.9	843494.2	25.5	0.0	0.00
2066.0	835564.9	843494.2	25.5	835562.6	843522.5	25.5	0.0	0.00
2067.0	835562.6	843522.5	25.5	835563.0	843548.5	25.8	0.0	0.00
2068.0	835563.0	843548.5	25.8	835566.1	843638.1	27.8	0.0	0.00
2069.0	835566.1	843638.1	27.8	835567.3	843675.8	29.2	0.0	0.00

**********BARRIER DATA**********

BARRIER	START COORDINATES			END COORDINATES			WIDTH	FRACT	ACTIVE BARRIER ADJUSTMENT LEVELS
ID	X	Y	H	X	Y	H		OPEN	
2070.0	835567.3	843675.8	29.2	835569.4	843727.1	31.3	0.0	0.00	
2071.0	835569.4	843727.1	31.3	835573.3	843789.3	33.8	0.0	0.00	
2072.0	835573.3	843789.3	33.8	835580.6	843827.3	35.3	0.0	0.00	
2073.0	835580.6	843827.3	35.3	835595.8	843873.9	37.2	0.0	0.00	
2074.0	835595.8	843873.9	37.2	835613.8	843925.4	39.0	0.0	0.00	
2075.0	835613.8	843925.4	39.0	835663.4	844072.2	37.6	0.0	0.00	
2076.0	835663.4	844072.2	37.6	835671.5	844103.5	37.6	0.0	0.00	
2077.0	835671.5	844103.5	37.6	835678.3	844144.3	37.6	0.0	0.00	
2080.0	835685.6	844144.1	37.6	835678.3	844101.6	37.6	0.0	0.00	
2081.0	835678.3	844101.6	37.6	835669.9	844069.3	37.6	0.0	0.00	
2082.0	835669.9	844069.3	37.6	835620.6	843923.6	39.0	0.0	0.00	
2083.0	835620.6	843923.6	39.0	835602.4	843871.2	37.2	0.0	0.00	
2084.0	835602.4	843871.2	37.2	835587.7	843825.8	35.3	0.0	0.00	
2085.0	835587.7	843825.8	35.3	835580.4	843788.4	33.8	0.0	0.00	
2086.0	835580.4	843788.4	33.8	835576.6	843727.6	31.3	0.0	0.00	
2087.0	835576.6	843727.6	31.3	835574.4	843674.8	29.2	0.0	0.00	
2088.0	835574.4	843674.8	29.2	835572.9	843637.9	27.8	0.0	0.00	
2089.0	835572.9	843637.9	27.8	835569.7	843547.9	25.8	0.0	0.00	
2090.0	835569.7	843547.9	25.8	835569.4	843522.5	25.5	0.0	0.00	
2091.0	835569.4	843522.5	25.5	835571.8	843495.3	25.5	0.0	0.00	
2092.0	835571.8	843495.3	25.5	835581.9	843468.4	25.2	0.0	0.00	
2093.0	835581.9	843468.4	25.2	835591.5	843449.6	24.3	0.0	0.00	
2094.0	835591.5	843449.6	24.3	835604.3	843430.4	24.5	0.0	0.00	
2095.0	835604.3	843430.4	24.5	835621.8	843411.9	24.7	0.0	0.00	
2096.0	835621.8	843411.9	24.7	835639.8	843398.4	24.9	0.0	0.00	
2097.0	835639.8	843398.4	24.9	835659.1	843387.8	25.0	0.0	0.00	
2098.0	835659.1	843387.8	25.0	835693.1	843374.3	25.4	0.0	0.00	
2099.0	835693.1	843374.3	25.4	835728.6	843364.1	25.7	0.0	0.00	
2100.0	835728.6	843364.1	25.7	835791.3	843345.6	26.5	0.0	0.00	
2101.0	835791.3	843345.6	26.5	835874.8	843319.9	29.0	0.0	0.00	
2102.0	835874.8	843319.9	29.0	836027.8	843273.7	34.1	0.0	0.00	
2103.0	836027.8	843273.7	34.1	836061.8	843262.5	35.1	0.0	0.00	
2104.0	836061.8	843262.5	35.1	836096.6	843254.0	37.5	0.0	0.00	
2105.0	836096.6	843254.0	37.5	836130.1	843252.3	38.7	0.0	0.00	
2106.0	836130.1	843252.3	38.7	836157.2	843256.8	39.5	0.0	0.00	
2107.0	836157.2	843256.8	39.5	836205.5	843270.9	38.5	0.0	0.00	
2108.0	836205.5	843270.9	38.5	836233.0	843275.8	38.6	0.0	0.00	
2109.0	836233.0	843275.8	38.6	836262.0	843276.9	38.7	0.0	0.00	
2110.0	836262.0	843276.9	38.7	836289.1	843272.6	37.1	0.0	0.00	
2111.0	836289.1	843272.6	37.1	836318.9	843258.1	36.2	0.0	0.00	
2112.0	836318.9	843258.1	36.2	836369.3	843229.1	36.2	0.0	0.00	
2113.0	836369.3	843229.1	36.2	836410.8	843204.1	34.0	0.0	0.00	
2114.0	836410.8	843204.1	34.0	836452.7	843176.8	31.8	0.0	0.00	
2115.0	836452.7	843176.8	31.8	836481.3	843150.7	31.2	0.0	0.00	
2116.0	836481.3	843150.7	31.2	836507.1	843119.1	30.6	0.0	0.00	
2117.0	836507.1	843119.1	30.6	836528.3	843086.5	30.1	0.0	0.00	
2118.0	836528.3	843086.5	30.1	836546.8	843050.0	29.5	0.0	0.00	
2119.0	836546.8	843050.0	29.5	836557.3	843022.9	29.0	0.0	0.00	
2120.0	836557.3	843022.9	29.0	836565.7	842995.0	28.5	0.0	0.00	
2121.0	836565.7	842995.0	28.5	836571.6	842966.4	27.9	0.0	0.00	
2122.0	836571.6	842966.4	27.9	836575.3	842937.3	27.4	0.0	0.00	
2123.0	836575.3	842937.3	27.4	836576.3	842910.1	26.6	0.0	0.00	
2124.0	836576.3	842910.1	26.6	836576.1	842882.8	25.8	0.0	0.00	
2125.0	836576.1	842882.8	25.8	836573.0	842850.8	25.0	0.0	0.00	
2126.0	836573.0	842850.8	25.0	836565.7	842818.3	24.2	0.0	0.00	
2127.0	836565.7	842818.3	24.2	836524.1	842653.3	21.6	0.0	0.00	

**********BARRIER DATA**********

BARRIER	START COORDINATES			END COORDINATES			WIDTH	FRACT	ACTIVE BARRIER ADJUSTMENT LEVELS
ID	X	Y	H	X	Y	H		OPEN	
2128.0	836524.1	842653.3	21.6	836502.6	842567.1	20.8	0.0	0.00	
2129.0	836502.6	842567.1	20.8	836488.2	842508.3	19.3	0.0	0.00	
2130.0	836488.2	842508.3	19.3	836467.1	842423.4	19.2	0.0	0.00	

**********CONTOUR DATA**********

CONTOUR NO	TYPE	START COORDINATES			END COORDINATES			END COORDINATES			END COORDINATES		
		X	Y	H	X	Y	H	X	Y	H	X	Y	H
1	HGHT	836110.6	843236.8	40.0	836072.7	843243.1	40.0	836061.2	843242.0	40.0	836046.3	843235.1	40.0
4	HGHT				836089.4	843227.1	40.0	836031.9	843220.2	40.0	836022.5	843222.5	40.0
7	HGHT				836015.9	843231.7	40.0	835996.1	843242.9	40.0			
9	HGHT	836153.4	843268.1	38.0	836164.1	843266.3	38.0						

10	HGHT	836151.1 843273.5	40.0	836161.8 843274.8	40.0	836166.9 843272.8	40.0				
12	HGHT	836149.2 843277.9	44.0	836157.0 843278.5	44.0	836165.8 843277.3	44.0	836178.8 843280.9	44.0		
15	HGHT			836187.5 843286.8	44.0						
16	HGHT	836129.3 843280.4	38.0	836096.8 843283.0	38.0	836067.2 843288.0	38.0				
18	HGHT	836130.4 843282.3	40.0	836117.3 843286.6	40.0	836092.4 843289.8	40.0	836081.7 843289.9	40.0		
21	HGHT			836065.4 843294.8	40.0	836068.2 843295.1	40.0	836045.1 843299.0	40.0		
24	HGHT	836255.0 843254.8	50.0	836245.8 843251.3	50.0	836235.6 843244.0	50.0	836232.3 843239.8	50.0		
27	HGHT			836224.4 843236.1	50.0	836215.6 843234.1	50.0	836202.8 843227.3	50.0		
30	HGHT			836190.9 843217.8	50.0						
31	HGHT	836190.9 843217.8	50.0	836184.8 843214.9	50.0	836176.9 843207.0	50.0	836169.9 843204.1	50.0		
34	HGHT			836162.6 843203.8	50.0	836153.4 843207.0	50.0	836146.4 843209.6	50.0		
37	HGHT			836133.0 843210.8	50.0	836106.6 843217.2	50.0	836091.6 843219.4	50.0		
40	HGHT			836076.1 843220.4	50.0	836063.6 843220.1	50.0	836056.3 843212.4	50.0		
43	HGHT			836049.6 843207.9	50.0	836041.7 843195.6	50.0	836035.9 843188.6	50.0		
46	HGHT			836032.1 843188.9	50.0	836016.3 843203.5	50.0	836009.6 843208.6	50.0		
49	HGHT			836006.1 843210.5	50.0	836001.9 843215.9	50.0	835993.0 843219.7	50.0		
52	HGHT			835986.6 843218.4	50.0	835981.6 843216.2	50.0				
54	HGHT	836231.6 843263.6	42.0	836208.1 843252.5	42.0	836188.0 843239.8	42.0	836175.6 843225.4	42.0		
57	HGHT			836161.9 843224.2	42.0	836151.4 843225.4	42.0	836129.5 843232.1	42.0		
60	HGHT			836113.9 843231.2	42.0	836106.9 843231.5	42.0	836099.3 843233.7	42.0		
63	HGHT			836092.9 843233.7	42.0	836071.9 843239.1	42.0	836057.6 843235.9	42.0		
66	HGHT			836045.8 843228.3	42.0	836035.9 843216.6	42.0	836032.8 843210.5	42.0		
69	HGHT			836028.3 843210.5	42.0	836016.6 843221.6	42.0	836007.3 843231.2	42.0		
72	HGHT			836003.2 843236.9	42.0	835993.6 843239.8	42.0	835984.4 843240.7	42.0		
75	HGHT			835980.3 843238.5	42.0						
76	HGHT	836045.1 843299.5	40.0	836032.3 843304.4	40.0	836019.8 843303.3	40.0	836010.4 843302.9	40.0		
79	HGHT			835998.8 843304.8	40.0	835974.6 843305.1	40.0	835963.7 843307.8	40.0		
82	HGHT			835944.9 843311.9	40.0	835925.3 843318.7	40.0	835913.9 843331.5	40.0		
85	HGHT			835910.6 843350.7	40.0	835906.8 843356.8	40.0	835895.5 843358.6	40.0		
88	HGHT			835883.1 843364.6	40.0	835871.0 843364.6	40.0				
90	HGHT	835969.7 843304.8	38.0	835934.7 843311.5	38.0	835921.9 843318.3	38.0	835913.6 843326.6	38.0		
93	HGHT			835909.8 843334.9	38.0	835908.7 843345.8	38.0	835903.1 843352.9	38.0		
96	HGHT			835891.0 843356.8	38.0	835868.8 843362.0	38.0				
98	HGHT	835905.7 843335.3	34.0	835900.4 843346.9	34.0	835892.1 843350.3	34.0	835883.1 843352.6	34.0		
101	HGHT			835867.3 843356.4	34.0						
102	HGHT	836067.7 843245.6	38.0	836055.6 843245.6	38.0	836044.7 843239.6	38.0	836030.0 843236.9	38.0		
105	HGHT			836026.3 843226.4	38.0	836020.9 843230.6	38.0	836009.6 843238.4	38.0		
108	HGHT			835994.6 843246.4	38.0	835982.9 843249.8	38.0	835973.9 843247.5	38.0		
111	HGHT			835963.7 843242.6	38.0	835956.5 843231.3	38.0	835954.6 843222.3	38.0		
114	HGHT			835950.5 843218.1	38.0	835946.8 843222.6	38.0	835942.6 843230.6	38.0		
117	HGHT			835924.9 843235.1	38.0	835916.6 843235.8	38.0	835915.1 843246.0	38.0		
120	HGHT	836063.1 843248.3	36.0	836048.4 843249.0	36.0	836042.4 843250.5	36.0	836031.1 843249.4	36.0		
123	HGHT			836024.3 843233.2	36.0	836020.2 843238.8	36.0	836010.0 843249.4	36.0		
126	HGHT	835985.9 843253.5	36.0	835964.8 843249.8	36.0	835958.8 843245.6	36.0	835953.5 843236.9	36.0		
129	HGHT			835949.4 843230.6	36.0	835945.3 843233.6	36.0	835939.2 843240.7	36.0		
132	HGHT			835926.0 843240.7	36.0	835922.3 843244.5	36.0	835918.9 843252.4	36.0		
135	HGHT			835912.4 843256.9	36.0						
136	HGHT	836039.8 843280.8	36.6	836058.6 843278.6	36.6	836077.2 843279.3	37.6	836102.9 843275.1	38.6		
139	HGHT			836121.4 843269.9	38.6						
140	HGHT	836152.6 843261.3	40.0	836173.6 843270.1	40.0	836189.2 843273.6	40.0	836198.7 843274.8	40.0		
143	HGHT			836199.8 843273.2	40.0						
144	HGHT	836015.1 843291.8	40.0	835966.0 843305.1	40.0	835946.1 843305.6	40.0	835927.2 843311.5	40.0		
147	HGHT			835918.3 843314.6	40.0	835910.4 843314.8	40.0				
149	HGHT	836639.4 843000.3	40.0	836627.4 843007.5	40.0	836618.4 843011.5	40.0	836608.6 843012.9	40.0		
152	HGHT			836592.9 843029.7	40.0	836594.7 843039.5	40.0	836593.9 843044.7	40.0		
155	HGHT			836591.1 843048.3	40.0	836585.7 843060.3	40.0	836570.1 843055.9	40.0		
158	HGHT			836553.1 843075.3	40.0	836549.9 843084.6	40.0	836542.9 843089.4	40.0		
161	HGHT			836540.9 843092.4	40.0	836545.9 843107.4	40.0				
163	HGHT	836546.2 843107.8	40.0	836546.2 843122.8	40.0	836545.3 843137.9	40.0	836542.3 843152.1	40.0		
166	HGHT			836547.9 843166.8	40.0	836560.4 843165.9	40.0	836588.0 843175.4	40.0		
169	HGHT	836406.3 843142.6	40.0	836421.4 843146.5	40.0	836427.9 843136.2	40.0	836433.0 843112.9	40.0		
172	HGHT			836443.8 843101.7	40.0	836451.6 843084.9	40.0	836447.3 843077.6	40.0		
175	HGHT			836442.5 843071.1	40.0	836440.8 843065.1	40.0	836443.4 843062.5	40.0		
178	HGHT			836464.5 843059.1	40.0	836478.3 843051.3	40.0	836481.3 843045.7	40.0		
181	HGHT			836491.6 843040.5	40.0	836505.4 843045.3	40.0	836516.6 843035.4	40.0		
184	HGHT			836519.2 843007.4	40.0	836529.1 842997.4	40.0	836539.4 842991.8	40.0		
187	HGHT			836539.0 842968.6	40.0						
188	HGHT	836530.0 843047.4	30.0	836504.1 843061.6	30.0	836495.5 843067.3	30.0	836486.9 843070.7	30.0		
191	HGHT			836481.7 843082.8	30.0	836471.8 843089.2	30.0	836466.2 843098.3	30.0		
194	HGHT			836454.6 843112.5	30.0	836448.9 843121.6	30.0	836444.6 843133.6	30.0		
197	HGHT			836445.1 843152.1	30.0						
198	HGHT	836639.7 843000.3	40.0	836666.0 842970.6	40.0	836710.4 842952.1	40.0	836727.6 842945.2	40.0		
201	HGHT			836759.9 842943.0	40.0	836769.4 842939.6	40.0	836776.8 842941.3	40.0		
204	HGHT			836780.2 842944.3	40.0	836779.3 842962.9	40.0	836775.9 842968.9	40.0		
207	HGHT			836775.9 842989.1	40.0	836787.5 843020.2	40.0	836790.5 843058.9	40.0		
210	HGHT	835883.5 843274.7	40.0	835862.8 843292.3	40.0	835848.6 843299.3	40.0	835835.7 843297.5	40.0		
213	HGHT			835824.4 843300.1	40.0	835815.0 843297.1	40.0	835810.7 843297.9	40.0		
216	HGHT			835786.6 843305.7	40.0	835776.2 843304.4	40.0	835771.9 843299.3	40.0		
219	HGHT			835769.3 843292.3	40.0	835765.0 843288.9	40.0	835755.1 843293.2	40.0		
222	HGHT			835744.8 843295.4	40.0	835737.0 843293.6	40.0	835725.3 843286.3	40.0		
225	HGHT			835721.1 843285.4	40.0	835717.1 843291.9	40.0	835706.4 843301.8	40.0		
228	HGHT			835674.5 843304.0	40.0	835659.0 843306.6	40.0	835642.2 843305.6	40.0		
231	HGHT			835634.8 843294.9	40.0	835630.9 843281.6	40.0	835630.5 843260.9	40.0		
234	HGHT	835871.1 843364.8	40.0	835853.0 843369.9	40.0	835848.7 843375.1	40.0	835831.0 843382.0	40.0		
237	HGHT			835821.9 843393.2	40.0	835811.2 843388.4	40.0	835804.3 843387.6	40.0		
240	HGHT			835779.7 843389.3	40.0	835771.5 843396.2	40.0	835753.0 843396.2	40.0		
243	HGHT			835744.8 843400.5	40.0	835740.9 843411.3	40.0	835734.9 843415.6	40.0		
246	HGHT			835700.4 843432.4	40.0	835685.8 843435.9	40.0	835675.0 843441.4	40.0		
249	HGHT			835656.0 843445.3	40.0	835643.9 843450.5	40.0	835634.9 843463.4	40.0		
252	HGHT			835630.6 843473.8	40.0	835632.3 843487.1	40.0	835628.4 843495.3	40.0		
255	HGHT			835623.7 843512.6	40.0	835620.3 843525.5	40.0	835620.7 843538.4	40.0		
258	HGHT			835617.7 843544.1	40.0	835610.8 843545.8	40.0	835607.8 843552.3	40.0		
261	HGHT	835507.4 843697.0	28.0	835529.9 843680.2	28.0	835530.3 843659.5	28.0	835526.4 843632.4	28.0		
264	HGHT			835539.4 843629.3	28.0	835533.3 843625.1	28.0	835524.7 843600.5	28.0		
267	HGHT			835526.0 843586.7	28.0	835520.8 843571.6	28.0	835523.0 843558.3	28.0		
270	HGHT			835527.3 843539.7	28.0	835537.6 843520.8	28.0	835536.3 843509.1	28.0		
273	HGHT			835532.4 843500.5	28.0	835529.0 843491.9	28.0	835522.6 843489.3	28.0		
276	HGHT			835515.6 843491.0	28.0						
277	HGHT	835507.0 843505.7	32.0	835517.8 843500.5	32.0	835525.1 843506.1	32.0	835532.4 843510.4	32.0		
280	HGHT			835532.9 843519.1	32.0	835528.1 843528.9	32.0	835516.5 843544.0	32.0		
283	HGHT			835508.8 843562.1	32.0	835509.2 843581.5	32.0	835511.3 843598.8	32.0		
286	HGHT			835510.1 843612.6	32.0	835513.5 843619.9	32.0	835515.6 843640.6	32.0		
289	HGHT			835514.4 843651.8	32.0	835519.1 843667.7	32.0	835517.4 843678.1	32.0		
292	HGHT			835506.6 843690.1	32.0	835487.2 843697.0	32.0				
294	HGHT	835580.5 843906.8	44.0	835576.4 843930.3	44.0	835583.6 843942.0	44.0	835594.3 843967.1	44.0		
297	HGHT			835592.8 843986.4	44.0	835596.3 843999.2	44.0	835591.7 844010.9	44.0		
300	HGHT			835596.3 844015.1	44.0	835603.4 844012.0	44.0	835608.1 844006.9	44.0		

303	HGHT				835621.8	844005.3	44.0	835624.4	844011.4	44.0	835617.8	844025.3	44.0
306	HGHT				835611.6	844032.9	44.0	835616.8	844040.1	44.0	835625.4	844045.7	44.0
309	HGHT				835636.6	844045.2	44.0	835639.7	844051.8	44.0	835636.1	844057.4	44.0
312	HGHT				835620.3	844061.5	44.0	835610.6	844068.6	44.0	835602.4	844088.6	44.0
315	HGHT				835605.4	844101.3	44.0	835610.6	844114.1	44.0	835629.0	844127.9	44.0
318	HGHT				835647.4	844137.6	44.0	835662.7	844135.1	44.0			
320	HGHT	835599.9	843892.5	40.0	835592.2	843927.2	40.0	835597.8	843946.6	40.0	835605.5	843959.4	40.0
323	HGHT				835609.6	843971.1	40.0	835627.9	843989.3	40.0			
325	HGHT	835605.5	843917.5	38.0	835600.4	843951.3	38.0	835606.0	843969.2	38.0	835615.2	843964.5	38.0
328	HGHT				835618.3	843972.1	38.0	835624.4	843975.2	38.0			
330	HGHT	835649.4	844056.4	40.0	835636.6	844066.6	40.0	835626.4	844067.6	40.0	835618.3	844076.3	40.0
333	HGHT				835620.8	844079.2	40.0	835636.6	844112.1	40.0	835657.1	844126.9	40.0
336	HGHT				835628.3	844121.3	40.0						
337	HGHT	835602.4	844162.5	34.0	835630.6	844157.4	34.0	835573.3	844156.9	34.0	835562.1	844161.5	34.0
340	HGHT				835570.8	844167.1	34.0	835591.7	844168.1	34.0	835602.4	844164.6	34.0
343	HGHT	835658.1	844186.0	30.0	835630.5	844176.3	30.0	835614.6	844171.2	30.0	835596.8	844174.8	30.0
346	HGHT				835577.4	844174.3	30.0	835544.2	844163.6	30.0	835542.1	844149.8	30.0
349	HGHT				835547.8	844137.5	30.0	835574.3	844135.4	30.0	835607.0	844140.1	30.0
352	HGHT				835623.8	844147.2	30.0	835652.0	844146.7	30.0	835633.0	844139.1	30.0
355	HGHT				835615.1	844127.3	30.0	835599.3	844118.6	30.0	835588.1	844119.1	30.0
358	HGHT				835586.1	844110.9	30.0						
359	HGHT	835547.3	844144.6	32.0	835569.2	844139.6	32.0	835580.9	844142.7	32.0	835598.8	844146.7	32.0
362	HGHT				835608.5	844151.8	32.0	835619.3	844148.8	32.0	835629.9	844153.8	32.0
365	HGHT				835643.8	844150.8	32.0	835626.7	844143.1	32.0	835636.1	844137.0	32.0
368	HGHT				835605.4	844120.1	32.0	835599.8	844114.6	32.0	835592.2	844102.8	32.0
371	HGHT				835596.8	844095.6	32.0	835597.8	844081.4	32.0	835601.4	844070.6	32.0
374	HGHT				835615.7	844068.9	32.0	835625.3	844065.3	32.0	835625.8	844047.6	32.0
377	HGHT				835612.6	844040.5	32.0	835608.0	844033.4	32.0	835616.7	844013.4	32.0
380	HGHT	835607.9	843553.2	40.0	835605.0	843567.9	40.0	835607.9	843583.7	40.0	835607.2	843604.6	40.0
383	HGHT				835612.5	843631.5	40.0	835611.9	843647.5	40.0	835610.4	843685.8	40.0
386	HGHT				835614.5	843686.8	40.0	835609.1	843699.2	40.0	835611.4	843708.7	40.0
389	HGHT				835606.6	843718.7	40.0	835609.8	843728.1	40.0	835615.8	843733.2	40.0
392	HGHT				835610.8	843741.6	40.0	835602.4	843747.1	40.0	835610.2	843764.1	40.0
395	HGHT				835605.4	843783.8	40.0	835602.4	843797.7	40.0	835597.1	843810.9	40.0
398	HGHT	835624.6	843809.6	50.0	835630.8	843821.4	50.0	835639.1	843823.9	50.0	835652.2	843824.9	50.0
401	HGHT				835664.9	843836.8	50.0	835688.2	843845.9	50.0	835688.9	843859.9	50.0
404	HGHT				835679.3	843878.3	50.0	835658.3	843888.8	50.0	835655.4	843892.1	50.0
407	HGHT				835644.2	843895.6	50.0	835639.1	843903.0	50.0	835640.0	843920.1	50.0
410	HGHT				835640.6	843928.4	50.0	835654.4	843932.6	50.0	835666.4	843965.1	50.0
413	HGHT				835673.8	843968.5	50.0	835626.6	843947.7	50.0	835703.9	843982.8	50.0
416	HGHT				835697.8	843968.1	50.0	835683.4	843995.9	50.0	835676.0	844002.2	50.0
419	HGHT				835673.2	844006.5	50.0	835670.6	844011.9	50.0	835676.1	844020.3	50.0
422	HGHT				835678.4	844052.8	50.0	835681.0	844057.0	50.0	835699.7	844039.9	50.0
425	HGHT				835708.4	844044.9	50.0	835710.6	844054.9	50.0	835702.0	844057.8	50.0
428	HGHT				835694.4	844062.8	50.0	835696.1	844067.1	50.0	835703.8	844080.6	50.0
431	HGHT				835698.8	844094.6	50.0	835705.8	844105.9	50.0	835710.6	844122.3	50.0
434	HGHT				835707.9	844132.1	50.0	835713.0	844146.3	50.0			
436	HGHT	836068.5	843272.8	34.2	836108.6	843266.1	34.9						
437	HGHT	836152.9	843261.3	38.6	836120.8	843263.8	38.6	836124.3	843275.8	38.6	836133.8	843284.7	38.6
440	HGHT				836147.9	843280.8	38.6	836152.9	843261.6	38.6			

**********RECEIVER DATA**********

ID	DESCRIPTION	COORDINATES X	Y	H	HEIGHT RE.GND	ANGLES OF VIEW LEFT	RIGHT	REC. TYPE	RPTS	HEIGHT INC.
SR1		835592.5	844094.1	32.4	32.4	16.9	196.9	FAC	1	3.0
SR2		835474.5	843463.0	24.8	24.8	339.0	159.0	FAC	1	3.0
SR3		836137.2	843268.4	39.8	39.8	103.2	283.2	FAC	0	3.0
SR4		836792.7	842938.7	30.4	30.4	124.9	304.9	FAC	1	3.0
SR5		836499.0	843079.2	31.2	31.2	306.5	126.5	FAC	1	3.0

*********GLOBAL PARAMETERS**********

Angle cut-off COA = 1.0

Distance cut-off COD = 2000.0

Reflection cut-off COR = 20.0

Calculation method: L10

********CATEGORY INFORMATION********

ALL ROADS
1

+++ File Loading Completed at 09:13:33

Errors : 0
Warnings: 0

MODEL SIZE: Segments: 102 Barriers: 171 Contours: 479 Receivers: 5

+++ Calculation Run 1 started at 09:13:45
Method: L10 Calculation.

*** WARNING *** CHANGING TO 1-HOUR FLOW RATES

RECEIVER	Fl	ALL ROADS
SR1	0	44.3
SR1	1	46.1
SR2	0	58.5
SR2	1	59.3
SR3	0	65.4
SR4	0	55.5
SR4	1	55.8
SR5	0	68.5
SR5	1	69.6

+++ Calculation Run 1 completed at 09:13:45

Errors : 0
Warnings: 1