CROSS SECTION EARTHWORK LOCATION STA.	TO STA.	EARTH EXCAVATION	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (15% OF EARTH EXC.)	TOTAL SUITABLE EARTH EXCAVATION (85% OF EARTH EXCAVATION)	SUITABLE EARTH EXC. TO BE USED IN EMBANKMENT (25% SHRINKAGE)	EMBANKMENT REQUIRED	EARTHWORK BALANCE SEE NOTE 3	NON-SPECIAL WASTE DISPOSAL	TOPSOIL REMOVAL, PAID AS REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
RAMP C									
110+40.00	110+50.00	0.0	0.0	0.0	0.0	32.4	-32.4	0.0	9.7
110+50.00	111+00.00	0.0	0.0	0.0	0.0	174.6	-174.6	0.0	49.4
111+00.00	111+50.00	0.0	0.0	0.0	0.0	196.9	-196.9	0.0	54.0
111+50.00	112+00.00	5.0	0.8	4.3	3.2	221.5	-218.3	0.0	63.8
112+00.00	112+50.00	28.2	4.2	24.0	18.0	247.9	-230.0	0.0	76.7
112+50.00	113+00.00	87.3	13.1	74.2	55.7	276.1	-220.4	0.0	95.0
113+00.00	113+50.00	185.1	27.8	157.3	118.0	286.9	-169.0	0.0	118.6
113+50.00	114+00.00	547.9	82.2	465.7	349.3	232.2	117.1	0.0	146.9
114+00.00	114+50.00	1,200.1	180.0	1,020.1	765.0	210.5	554.5	0.0	182.8
114+50.00	115+00.00	1,570.8	235.6	1,335.2	1,001.4	227.0	774.4	0.0	203.4
115+00.00	115+50.00	1,230.4	184.6	1,045.8	784.4	224.5	559.9	0.0	183.1
115+50.00	116+00.00	604.4	90.7	513.7	385.3	207.0	178.3	0.0	163.5
116+00.00	116+50.00	304.0	45.6	258.4	193.8	168.8	25.0	0.0	141.8
116+50.00	117+00.00	239.2	35.9	203.3	152.5	138.6	13.9	0.0	109.4
117+00.00	117+50.00	197.7	29.7	168.0	126.0	90.0	36.0	0.0	97.6
117+50.00	118+00.00	189.1	28.4	160.7	120.6	40.8	79.8	0.0	93.3
118+00.00	118+50.00	161.6	24.2	137.4	103.0	29.5	73.5	0.0	91.0
118+50.00	119+00.00	99.4	14.9	84.5	63.4	44.6	18.8	0.0	84.9
119+00.00	119+50.00	44.1	6.6	37.4	28.1	175.9	-147.8	0.0	76.5
119+50.00	120+00.00	38.0	5.7	32.3	24.2	207.4	-183.2	0.0	101.2
120+00.00	END	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	6,732.3	1,009.8	5,722.5	4,291.9	3,433.1	858.7	0.0	2,142.5
RAMP D									
250+50.00	251+00.00	32.8	4.9	27.8	20.9	158.6	-137.8	0.0	114.7
251+00.00	251+50.00	0.3	0.1	0.3	0.2	393.0	-392.7	0.0	105.4
251+50.00	252+00.00	57.9	8.7	49.2	36.9	419.0	-382.1	0.0	90.5
252+00.00	252+50.00	123.8	18.6	105.2	78.9	177.3	-98.4	0.0	89.1
252+50.00	253+00.00	92.1	13.8	78.3	58.7	57.5	1.3	0.0	100.2
253+00.00	253+50.00	47.3	7.1	40.2	30.2	82.6	-52.5	0.0	88.5
253+50.00	254+00.00	58.1	8.7	49.4	37.1	114.9	-77.8	0.0	90.8
254+00.00	254+50.00	103.9	15.6	88.3	66.2	137.2	-70.9	0.0	95.2
254+50.00	255+00.00	281.5	42.2	239.3	179.5	116.8	62.6	0.0	117.5
255+00.00	255+50.00	592.9	88.9	504.0	378.0	198.3	179.7	0.0	159.9
255+50.00	256+00.00	601.1	90.2	510.9	383.2	271.8	111.4	0.0	176.6
256+00.00	256+50.00	253.7	38.0	215.6	161.7	203.0	-41.3	0.0	148.8
256+50.00	257+00.00	54.0	8.1	45.9	34.4	219.5	-185.1	0.0	135.9
257+00.00	257+50.00	24.4	3.7	20.7	15.5	261.3	-245.8	0.0	124.9
257+50.00	258+00.00	1.2	0.2	1.0	0.8	234.4	-233.7	0.0	94.7
258+00.00	END	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	2,324.9	348.7	1,976.2	1,482.1	3,045.2	-1,563.1	0.0	1,732.6

CROSS SECTION EARTHWORK LOCATION STA.	TO STA.	EARTH EXCAVATION	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (15% OF EARTH EXC.)	TOTAL SUITABLE EARTH EXCAVATION (85% OF EARTH EXCAVATION)	SUITABLE EARTH EXC. TO BE USED IN EMBANKMENT (25% SHRINKAGE)	EMBANKMENT REQUIRED	EARTHWORK BALANCE SEE NOTE 3	NON-SPECIAL WASTE DISPOSAL	TOPSOIL REMOVAL, PAID AS REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL
		(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)	(CU YD)
PR. REL. IL RTE 3									
1668+15.65	1668+50.00	0.0	0.0	0.0	0.0	5,691.3 *	-5,691.3	0.0	348.7
1668+50.00	1669+00.00	95.1	14.3	80.8	60.6	3,453.5	-3,392.8	0.0	237.7
1669+00.00	1669+50.00	95.1	14.3	80.8	60.6	3,493.0	-3,432.4	0.0	234.8
1669+50.00	1670+00.00	0.0	0.0	0.0	0.0	5,239.5	-5,239.5	0.0	258.9
1670+00.00	1670+50.00	0.0	0.0	0.0	0.0	5,579.4	-5,579.4	0.0	235.2
1670+50.00	1671+00.00	0.0	0.0	0.0	0.0	5,800.3	-5,800.3	0.0	232.3
1671+00.00	1671+50.00	3.6	0.5	3.1	2.3	5,641.8	-5,639.5	0.0	230.9
1671+50.00	1672+00.00	8.6	1.3	7.3	5.5	4,410.0	-4,404.5	0.0	118.6
1672+00.00	1672+50.00	11.3	1.7	9.6	7.2	3,296.6	-3,289.4	0.0	6.3
1672+50.00	1673+00.00	16.8	2.5	14.2	10.7	1,650.6	-1,639.9	0.0	6.9
1673+00.00	1673+50.00	22.4	3.4	19.1	14.3	109.6	-95.3	0.0	7.4
1673+50.00	1674+00.00	25.0	3.8	21.3	16.0	108.5	-92.5	0.0	7.9
1674+00.00	1674+50.00	26.2	3.9	22.3	16.7	108.5	-91.8	0.0	8.4
1674+50.00	1675+00.00	34.1	5.1	29.0	21.8	105.6	-83.9	0.0	10.0
1675+00.00	1675+50.00	23.0	3.4	19.5	14.6	125.3	-110.6	0.0	11.5
1675+50.00	1676+00.00	4.5	0.7	3.9	2.9	138.0	-135.1	0.0	9.9
1676+00.00	1676+50.00	5.2	0.8	4.4	3.3	119.8	-116.5	0.0	6.9
1676+50.00	1676+88.00	4.0	0.6	3.4	2.5	84.0	-81.5	0.0	3.6
1676+88.00	END	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	374.9	56.2	318.7	239.0	45,155.3	-44,916.3	0.0	1,975.9
PR. REL. IL RTE 3									
1684+69.18	1685+00.00	3.9	0.6	3.3	2.5	39.0	-36.5	0.0	0.0
1685+00.00	1685+50.00	6.3	0.9	5.3	4.0	63.1	-59.1	0.0	0.0
1685+50.00	1686+00.00	5.9	0.9	5.0	3.8	74.7	-70.9	0.0	0.0
1686+00.00	1686+50.00	5.5	0.8	4.7	3.5	86.5	-83.0	0.0	0.0
1686+50.00	1687+00.00	5.2	0.8	4.4	3.3	95.6	-92.3	0.0	0.0
1687+00.00	1687+50.00	5.0	0.7	4.2	3.2	102.7	-99.5	0.0	0.0
1687+50.00	1688+00.00	5.0	0.8	4.3	3.2	102.3	-99.1	0.0	0.0
1688+00.00	1688+50.00	5.1	0.8	4.3	3.2	98.5	-95.2	0.0	0.0
1688+50.00	1689+00.00	5.2	0.8	4.4	3.3	92.9	-89.6	0.0	0.0
1689+00.00	1689+50.00	2.7	0.4	2.3	1.7	564.9	-563.2	0.0	54.6
1689+50.00	1690+00.00	188.1	28.2	159.9	119.9	924.3	-804.4	0.0	137.4
1690+00.00	1690+50.00	426.3	63.9	362.3	271.8	655.0	-383.2	0.0	163.0
1690+50.00	1691+00.00	572.7	85.9	486.8	365.1	347.7	17.4	0.0	159.2
1691+00.00	1691+50.00	567.2	85.1	482.1	361.6	147.1	214.4	0.0	153.3
1691+50.00	1692+00.00	373.8	56.1	317.7	238.3	66.5	171.8	0.0	144.2
1692+00.00	1692+50.00	356.8	53.5	303.3	227.5	16.6	210.9	0.0	151.3
1692+50.00	END	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	SUBTOTAL	2,534.5	380.2	2,154.3	1,615.7	3,477.5	-1,861.7	0.0	963.0

* INCLUDES EMBANKMENT FROM 1667+56.23 TO 1668+15.65 TO MATCH EXISTING GROUND.

NOTES:
1. EARTH EXCAVATION, STOCKPILE (IF REQUIRED) AND SUBSEQUENT PLACEMENT (WHEN APPLICABLE) SHALL ONLY BE MEASURED AND PAID FOR ONCE, AND NOT FOR EACH TRANSPORT.

2. SUITABLE EARTH EXCAVATION SHALL REMAIN ON SITE WITHIN THE PROJECT LIMITS AND BE PLACED AT THE DIRECTION OF THE ENGINEER.

3. (-) INDICATES SHORTAGE. FURNISHED EXCAVATION OR EARTH EXCAVATION IS REQUIRED.
(+) INDICATES SURPLUS. EARTH EXCAVATION TO BE USED ELSEWHERE WITHIN THE PROJECT LIMITS.

EARTHWORK CONTINUED ON SHEET 23