

STATION	PRESTAGE				TOTAL EARTHWORK						POST CONSTRUCTION					
	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	POROUS GRANULAR EMBANKMENT, SUBGRADE (CU YD)	TOPSOIL FURNISH AND PLACE, 4" (SQ YD)	GRANULAR EMBANKMENT, SPECIAL (CU YD)	EARTH EXCAVATION (CU YD)	EARTH EXCAVATION VOLUME USED (15% SHRINKAGE) (CU YD)	EARTH EXCAVATION (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	
RAMP C																
53+00	54+00	0.00	0.00	0.00	0.00	438.16	357.41	0.00	342.41	143.08	252.44	0.00	0	0.51	-0.51	
54+00	55+00	17.67	15.00	0.00	15.02	455.66	372.01	0.00	356.71	414.06	424.94	0.00	0	10.17	-10.17	
55+00	56+00	18.00	15.30	0.00	15.27	223.11	177.40	0.00	203.99	815.08	473.44	0.00	0	65.44	-65.44	
56+00	57+00	14.40	12.30	38.89	-26.61	197.24	156.09	0.00	260.70	1270.14	521.56	0.00	0	115.91	-115.91	
57+00	58+00	13.60	11.60	116.21	-104.64	58.10	39.53	0.00	167.74	2596.55	394.06	0.00	0	113.89	-113.89	
58+00	59+00	11.60	9.80	138.01	-128.19	0.97	-4.61	0.00	-1.71	1807.58	140.51	0.00	0	132.88	-132.88	
59+00	60+00	6.40	5.40	8.30	-9.37								0			
RAMP B																
31+00	32+00					196.26	166.82	2830.31	-2663.49	0.00	612.86	0.00				
32+00	33+00					261.66	222.41	1099.24	-876.83	0.00	551.47	0.00				
33+00	34+00					825.58	701.75	126.06	575.69	0.00	547.81	0.00				
34+00	35+00					1765.66	1500.81	11.15	1489.66	0.00	558.38	0.00				
35+00	36+00					2160.58	1836.49	10.24	1826.25	0.00	609.06	0.00				
36+00	37+00					1373.71	1167.65	15.34	1152.31	0.00	450.84	0.00				
37+00	38+00					351.52	298.79	10.61	288.18	0.00	0.00	0.00				
RUSSELL RD																
1+00	2+00	50.70	43.10	0.00	43.08	281.82	196.46	8.33	145.02	0.00	126.79	0.00				
2+00	3+00	46.50	39.50	0.00	39.51	254.19	176.54	52.51	84.53	0.00	226.19	0.00				
3+00	4+00	21.10	18.00	2.70	15.27	427.17	345.16	99.16	230.70	0.00	315.33	0.00				
4+00	5+00	1.60	1.40	1.52	-0.14	451.10	382.08	323.20	58.99	0.00	288.06	0.00				
5+00	6+00	8.40	7.20	2.05	5.13	276.15	227.59	1284.93	-1062.49	0.00	410.76	0.00				
6+00	7+00	10.40	8.80	121.11	-112.30	135.86	106.64	2860.15	-2641.20	0.00	577.31	0.00				
7+00	8+00	17.60	15.00	464.63	-449.68	46.44	24.52	4517.95	-4043.81	0.00	674.38	0.00				
8+00	9+00	13.60	20.00	839.91	-819.87	7.90	-4.84	5055.79	-4240.72	0.00	579.69	0.00				
9+00	10+00	21.20	18.00	990.74	-972.70	0.00	-18.02	6067.74	-5113.02	0.00	622.55	0.00				
10+00	11+00					0.00	0.00	7716.01	-7716.01	0.00	816.82	0.00				
11+00	12+00					0.00	0.00	10183.70	-10183.70	0.00	1536.23	0.00				
12+00	16+00					0.00	0.00	1600.00	-1600.00	1600	0.00	0.00				
16+00	17+00					0.00	0.00	10394.04	-10394.04	0.00	2068.34	0.00				
17+00	18+00					0.00	0.00	6705.45	-6705.45	0.00	1088.16	0.00				
18+00	19+00	5.50	4.70	66.44	-61.79	36.44	30.97	5234.63	-5203.65	0.00	911.68	0.00				
19+00	20+00					42.26	31.25	3998.33	-3905.35	0.00	1106.97	0.00				
20+00	21+00	4.00	3.40	267.52	-264.12	56.30	47.86	2890.77	-2842.91	0.00	914.51	0.00				
21+00	22+00	5.60	4.70	383.78	-379.06	59.81	47.44	2834.31	-2522.75	0.00	1087.22	0.00				
22+00	23+00	8.90	7.60	230.41	-222.84	11.48	5.00	1758.06	-1373.98	0.00	850.97	0.00				
23+00	24+00	11.50	9.70	63.56	-53.82	30.55	18.41	1041.43	-800.21	0.00	799.93	0.00				
24+00	25+00	12.40	10.60	34.40	-23.83	71.24	50.78	805.82	-701.18	0.00	815.02	0.00				
25+00	26+00	7.10	6.00	3.24	2.80	111.18	83.96	646.38	-538.62	0.00	648.72	0.00				
26+00	27+00	0.00	0.00	0.00	0.00	119.46	95.50	567.65	-474.91	0.00	594.81	0.00				
27+00	28+00	7.00	5.90	42.88	-36.95	104.47	88.80	529.10	-440.30	0.00	590.93	0.00				
28+00	29+00	14.80	12.60	42.88	-30.26	121.60	97.41	433.31	-298.92	0.00	531.58	0.00	0	0	-2.79	
29+00	30+00	15.70	13.40	0.00	13.38	68.24	45.43	175.11	-99.41	0.00	246.65	0.00	0	9.51	-9.51	
30+00	31+00	7.90	13.88	13.88	-13.88	0.00	-13.35	0.00	-26.75	0.00	0.00	0.00	0	13.44	-13.44	
31+00	32+00		6.94	6.94	-6.94	0.00	-6.72	0.00	7.17	0.00	0.00	0.00				
32+00	33+00					0.00	0.00	0.00	6.94	0.00	0.00	0.00				
RAMP A																
50+00	51+00					32.52	27.64	0.00	27.64	0.00	5.50	0.00				
51+00	52+00					1.87	1.59	0.00	1.59	15.44	9.15	0.00				
52+00	53+00					0.12	0.10	0.00	0.10	24.11	18.54	0.00				
53+00	54+00					188.18	159.96	0.00	159.96	24.54	79.73	0.00				
54+00	55+00					753.10	640.14	0.00	640.14	78.53	219.15	0.00				
55+00	56+00					1307.83	1111.66	0.00	1111.66	208.12	330.70	0.00				
56+00	57+00					1460.32	1241.28	0.00	1241.28	255.54	361.39	0.00				
57+00	58+00					1190.75	1012.14	0.00	1012.14	116.94	255.96	0.00				
58+00	59+00					713.36	606.36	0.00	606.36	9.83	126.08	0.00				
59+00	60+00					307.31	261.22	0.00	261.22	917.52	224.20	0.00				
60+00	61+00					67.21	57.13	0.00	57.13	1993.49	330.76	0.00				
61+00	62+00					0.00	0.00	0.00	0.00	2650.84	395.85	0.00				
62+00	63+00					0.00	0.00	0.00	0.00	1521.12	236.84	0.00				
FRONTAGE RD																
72+00	73+00					47.62	40.48	0.00	-0.15	0.00	86.56	40.63				
73+00	74+00					33.31	28.31	0.00	-24.14	0.00	77.33	52.45				
74+00	75+00					10.45	8.89	0.00	-173.17	0.00	145.08	182.05				
75+00	76+00					0.00	0.00	0.00	-513.89	0.00	223.62	513.89				
76+00	77+00					63.56	54.02	0.00	-922.40	0.00	238.78	976.42				
77+00	78+00					127.63	108.48	0.00	-1289.22	0.00	244.02	1397.71				
78+00	79+00					125.92	107.03	0.00	-1565.95	0.00	261.94	1672.98				
79+00	80+00					61.85	52.57	0.00	-833.17	0.00	131.36	885.73				
TOTAL		373.17	319.00	3880.00	-3567.53	17,514.82	14,570.40	87,608.67	-69,477.27	16,462.52	28,035.18	5,721.86	0.00	0.00	464.03	-464.03

GENERAL NOTES

1. POST CONSTRUCTION EARTHWORK QUANTITIES SHOWN ABOVE IS EARTHWORK NECESSARY FOR TEMPORARY PAVEMENT REMOVAL BEYOND THE LIMITS OF THE FINAL GRADING, AND WILL REQUIRE REMOVAL FOLLOWING STAGE 2B. PAYMENT WILL BE AS EARTH EXCAVATION FOR THE REMOVAL.

EARTHWORK SUMMARY						
20200100	20400800	21101505	Z0042002	20600200	21001000	20200100
EARTH EXCAVATION	FURNISHED EXCAVATION	TOPSOIL EXCAVATION AND PLACEMENT	POROUS GRANULAR EMBANKMENT, SUBGRADE	GRANULAR EMBANKMENT, SPECIAL	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	POST CONSTRUCTION EARTH EXCAVATION
(CU YD)	(CU YD)	(SQ YD)	(CU YD)	(CU YD)	(SQ YD)	(CU YD)
17,515	82,630	28,035	16,465	5,725	28,026	464.00

BOWMAN, BARRETT & ASSOCIATES INC.
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FILE NAME = #FILES#

USER NAME = default

DESIGNED - PTG

REVISED -

DRAWN - PTG

REVISED -

CHECKED - RGR

REVISED -

DATE - 03/09/2012

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULES FOR RUSSELL ROAD

SCALE: 1"=50'

SHEET NO. 1 OF 4 SHEETS

STA. 0+00.00 TO STA. 21+00.00

F.A. RTE.

94

SECTION

49-1(HB & HB-1)R

COUNTY

LAKE

TOTAL SHEETS

225

SHEET