

GRADING REPORT

COMPUTED BY: OHM ADVISORS  
 CHECKED BY: HAK LIM  
 FEDERAL PROJECT NO: N/A  
 ROUTE NO. OR STREET: CATES LANDING

SHEET 1 OF 26  
 STATE NO.: 48ACOUS2-002  
 PIN:128977.00  
 COUNTY: LAKE

ESTIMATED GRADING QUANTITIES						
DESCRIPTION	UNADJUSTED VOLUMES (CY)		ADJUSTED VOLUMES (CY)	BALANCE SUMMARY		
	EXC.	EMB.	EXC.	SHRINK = 15 %	SWELL = 15 %	
MAINLINE	6430	4114	5466			
SIDE ROADS						
PVT. DRIVES, BUSINESS AND FIELD ENTRANCES				EXC.		EMB.
INDEPENDENT DITCHES						
TEMPORARY CONSTRUCTION EXITS	43		37	5503	VS.	-4114
OTHER (BRIDGE EXCAVATION, PAVEMENT, ETC...)						
TOPSOIL (EMB.)				AVAILABLE	=	1389
TOPSOIL (EXC.)						
TOPSOIL TOTALS (SEE TOPSOIL TABLE)				WASTE MATERIAL	=	1598
ROCK (C.Y.)		TOTALS (C.Y.)				
EXC.	EMB.	EXC. (UNCL.)	EMB. (UNCL.)	EXC (COMMON)	EXC. (AVAIL.)	EXC. (ADJ.)
0	0	6473	4114	6473	6473	5503

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Material Name	End Areas	Unadjusted	Adjusted	Mult	Mass	Accum	Accum
Station		Volumes	Volumes	Factor	Ordinate	Unadj Vol	Adj Vol
	(sq. ft.)	(cu. yd.)	(cu. yd.)			(cu. yd.)	(cu. yd.)

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 112+80.00 EARTH

Common Exc	61	0	0	1.00		0	0
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	25	0	0	1.00	0	0	0

113+00.00 EARTH

Common Exc	59	44	44	1.00		44	44
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	21	17	17	1.00	27	17	17

113+50.00 EARTH

Common Exc	63	113	113	1.00		157	157
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	7	26	26	1.00	114	43	43

114+00.00 EARTH

Common Exc	43	98	98	1.00		255	255
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	8	14	14	1.00	198	57	57

114+50.00 EARTH

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SHEET 3 OF 26  
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Common Exc	89	122	122	1.00		377	377
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	7	7	1.00	313	64	64

115+00.00 EARTH

Common Exc	65	143	143	1.00		520	520
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	456	64	64

115+50.00 EARTH

Common Exc	59	115	115	1.00		635	635
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	1	1	1	1.00	570	65	65

116+00.00 EARTH

Common Exc	50	101	101	1.00		736	736
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	3	4	4	1.00	667	69	69

116+50.00 EARTH

Common Exc	85	125	125	1.00		861	861
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	3	3	1.00	789	72	72

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117+00.00 EARTH

Common Exc	58	132	132	1.00		993	993
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	4	4	4	1.00	917	76	76

117+50.00 EARTH

Common Exc	67	116	116	1.00		1109	1109
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	6	9	9	1.00	1024	85	85

117+75.00 EARTH

Common Exc	59	58	58	1.00		1167	1167
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	11	8	8	1.00	1074	93	93

118+00.00 EARTH

Common Exc	45	48	48	1.00		1215	1215
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	17	13	13	1.00	1109	106	106

118+25.00 EARTH

Common Exc	37	38	38	1.00		1253	1253
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	22	18	18	1.00	1129	124	124

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118+50.00 EARTH

Common Exc	89	58	58	1.00		1311	1311
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	10	10	1.00	1177	134	134

118+75.00 EARTH

Common Exc	68	73	73	1.00		1384	1384
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	1250	134	134

119+25.00 EARTH

Common Exc	87	144	144	1.00		1528	1528
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	1394	134	134

119+50.00 EARTH

Common Exc	92	83	83	1.00		1611	1611
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	1477	134	134

120+00.00 EARTH

Common Exc	105	182	182	1.00		1793	1793
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0

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Fill	0	0	0	1.00	1659	134	134
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120+50.00 EARTH

Common Exc	82	173	173	1.00		1966	1966
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	7	6	6	1.00	1826	140	140

121+00.00 EARTH

Common Exc	40	113	113	1.00		2079	2079
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	10	16	16	1.00	1923	156	156

121+50.00 EARTH

Common Exc	29	64	64	1.00		2143	2143
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	26	33	33	1.00	1954	189	189

122+00.00 EARTH

Common Exc	29	54	54	1.00		2197	2197
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	26	48	48	1.00	1960	237	237

122+50.00 EARTH

Common Exc	24	49	49	1.00		2246	2246
Subgrade Exc	0	0	0	1.00		0	0

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Subsoil Exc	0	0	0	1.00		0	0
Fill	25	47	47	1.00	1962	284	284

123+00.00 EARTH

Common Exc	20	41	41	1.00		2287	2287
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	27	48	48	1.00	1955	332	332

123+41.20 EARTH

Common Exc	20	31	31	1.00		2318	2318
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	28	42	42	1.00	1944	374	374

124+00.00 EARTH

Common Exc	20	44	44	1.00		2362	2362
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	30	63	63	1.00	1925	437	437

124+49.63 EARTH

Common Exc	17	34	34	1.00		2396	2396
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	29	54	54	1.00	1905	491	491

125+00.00 EARTH

Common Exc	15	30	30	1.00		2426	2426
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Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	30	55	55	1.00	1880	546	546

125+50.00 EARTH

Common Exc	13	26	26	1.00		2452	2452
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	33	58	58	1.00	1848	604	604

126+00.00 EARTH

Common Exc	12	23	23	1.00		2475	2475
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	31	59	59	1.00	1812	663	663

126+50.00 EARTH

Common Exc	10	20	20	1.00		2495	2495
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	25	52	52	1.00	1780	715	715

127+00.00 EARTH

Common Exc	10	19	19	1.00		2514	2514
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	23	44	44	1.00	1755	759	759

127+50.00 EARTH

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Common Exc	12	20	20	1.00		2534	2534
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	20	40	40	1.00	1735	799	799

128+00.00 EARTH

Common Exc	14	24	24	1.00		2558	2558
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	19	36	36	1.00	1723	835	835

128+50.00 EARTH

Common Exc	15	27	27	1.00		2585	2585
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	20	36	36	1.00	1714	871	871

129+00.00 EARTH

Common Exc	12	25	25	1.00		2610	2610
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	25	42	42	1.00	1697	913	913

129+50.00 EARTH

Common Exc	11	21	21	1.00		2631	2631
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	29	50	50	1.00	1668	963	963

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130+00.00 EARTH

Common Exc	10	19	19	1.00		2650	2650
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	30	55	55	1.00	1632	1018	1018

130+50.00 EARTH

Common Exc	9	18	18	1.00		2668	2668
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	30	56	56	1.00	1594	1074	1074

131+00.00 EARTH

Common Exc	8	16	16	1.00		2684	2684
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	29	55	55	1.00	1555	1129	1129

131+50.00 EARTH

Common Exc	7	14	14	1.00		2698	2698
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	30	55	55	1.00	1514	1184	1184

132+00.00 EARTH

Common Exc	7	13	13	1.00		2711	2711
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	29	55	55	1.00	1472	1239	1239

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SHEET 11 OF 26  
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132+50.00 EARTH

Common Exc	8	14	14	1.00		2725	2725
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	28	53	53	1.00	1433	1292	1292

133+00.00 EARTH

Common Exc	11	18	18	1.00		2743	2743
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	26	50	50	1.00	1401	1342	1342

133+50.00 EARTH

Common Exc	11	20	20	1.00		2763	2763
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	26	48	48	1.00	1373	1390	1390

134+00.00 EARTH

Common Exc	11	20	20	1.00		2783	2783
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	25	47	47	1.00	1346	1437	1437

134+50.00 EARTH

Common Exc	11	20	20	1.00		2803	2803
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0

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Fill	24	45	45	1.00	1321	1482	1482
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135+00.00 EARTH

Common Exc	11	20	20	1.00		2823	2823
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	25	45	45	1.00	1296	1527	1527

135+50.00 EARTH

Common Exc	13	22	22	1.00		2845	2845
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	24	45	45	1.00	1273	1572	1572

136+00.00 EARTH

Common Exc	18	29	29	1.00		2874	2874
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	23	44	44	1.00	1258	1616	1616

136+50.00 EARTH

Common Exc	29	44	44	1.00		2918	2918
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	23	43	43	1.00	1259	1659	1659

137+00.00 EARTH

Common Exc	10	36	36	1.00		2954	2954
Subgrade Exc	0	0	0	1.00		0	0

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Subsoil Exc	0	0	0	1.00		0	0
Fill	25	44	44	1.00	1251	1703	1703

137+50.00 EARTH

Common Exc	14	22	22	1.00		2976	2976
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	22	44	44	1.00	1229	1747	1747

138+00.00 EARTH

Common Exc	7	19	19	1.00		2995	2995
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	44	61	61	1.00	1187	1808	1808

138+50.00 EARTH

Common Exc	9	15	15	1.00		3010	3010
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	39	77	77	1.00	1125	1885	1885

139+00.00 EARTH

Common Exc	11	19	19	1.00		3029	3029
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	34	68	68	1.00	1076	1953	1953

139+50.00 EARTH

Common Exc	12	21	21	1.00		3050	3050
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Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	32	61	61	1.00	1036	2014	2014

140+00.00 EARTH

Common Exc	13	23	23	1.00		3073	3073
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	33	60	60	1.00	999	2074	2074

140+50.00 EARTH

Common Exc	35	44	44	1.00		3117	3117
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	25	54	54	1.00	989	2128	2128

141+00.00 EARTH

Common Exc	41	70	70	1.00		3187	3187
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	28	49	49	1.00	1010	2177	2177

141+50.00 EARTH

Common Exc	17	54	54	1.00		3241	3241
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	28	52	52	1.00	1012	2229	2229

142+00.00 EARTH

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Common Exc	17	31	31	1.00		3272	3272
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	31	55	55	1.00	988	2284	2284

142+50.00 EARTH

Common Exc	19	33	33	1.00		3305	3305
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	23	50	50	1.00	971	2334	2334

143+00.00 EARTH

Common Exc	45	59	59	1.00		3364	3364
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	9	30	30	1.00	1000	2364	2364

143+50.00 EARTH

Common Exc	28	68	68	1.00		3432	3432
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	13	20	20	1.00	1048	2384	2384

144+00.00 EARTH

Common Exc	39	62	62	1.00		3494	3494
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	21	31	31	1.00	1079	2415	2415

GRADING REPORT

COMPUTED BY: OHM ADVISORS  
 CHECKED BY: HAK LIM  
 FEDERAL PROJECT NO: N/A  
 ROUTE NO. OR STREET: CATES LANDING

SHEET 16 OF 26  
 STATE NO.: 48ACOUS2-002  
 PIN:128977.00  
 COUNTY: LAKE

144+50.00 EARTH

Common Exc	28	62	62	1.00		3556	3556
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	26	44	44	1.00	1097	2459	2459

145+00.00 EARTH

Common Exc	30	54	54	1.00		3610	3610
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	32	54	54	1.00	1097	2513	2513

145+48.16 EARTH

Common Exc	32	55	55	1.00		3665	3665
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	30	55	55	1.00	1097	2568	2568

146+00.00 EARTH

Common Exc	31	60	60	1.00		3725	3725
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	29	57	57	1.00	1100	2625	2625

146+50.00 EARTH

Common Exc	29	56	56	1.00		3781	3781
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	21	46	46	1.00	1110	2671	2671

GRADING REPORT

COMPUTED BY: OHM ADVISORS  
 CHECKED BY: HAK LIM  
 FEDERAL PROJECT NO: N/A  
 ROUTE NO. OR STREET: CATES LANDING

SHEET 17 OF 26  
 STATE NO.: 48ACOUS2-002  
 PIN:128977.00  
 COUNTY: LAKE

147+00.00 EARTH

Common Exc	33	57	57	1.00		3838	3838
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	24	42	42	1.00	1125	2713	2713

147+50.00 EARTH

Common Exc	38	66	66	1.00		3904	3904
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	21	42	42	1.00	1149	2755	2755

148+00.00 EARTH

Common Exc	40	72	72	1.00		3976	3976
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	24	42	42	1.00	1179	2797	2797

148+25.00 EARTH

Common Exc	39	37	37	1.00		4013	4013
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	27	24	24	1.00	1192	2821	2821

148+75.00 EARTH

Common Exc	43	76	76	1.00		4089	4089
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0

GRADING REPORT

COMPUTED BY: OHM ADVISORS  
 CHECKED BY: HAK LIM  
 FEDERAL PROJECT NO: N/A  
 ROUTE NO. OR STREET: CATES LANDING

SHEET 18 OF 26  
 STATE NO.: 48ACOUS2-002  
 PIN:128977.00  
 COUNTY: LAKE

Fill	29	52	52	1.00	1216	2873	2873
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149+37.76 EARTH

Common Exc	38	94	94	1.00		4183	4183
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	43	84	84	1.00	1226	2957	2957

149+66.86 EARTH

Common Exc	37	40	40	1.00		4223	4223
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	54	52	52	1.00	1214	3009	3009

150+00.00 EARTH

Common Exc	36	45	45	1.00		4268	4268
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	64	72	72	1.00	1187	3081	3081

150+50.00 EARTH

Common Exc	35	66	66	1.00		4334	4334
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	75	129	129	1.00	1124	3210	3210

151+00.00 EARTH

Common Exc	32	62	62	1.00		4396	4396
Subgrade Exc	0	0	0	1.00		0	0

GRADING REPORT

COMPUTED BY: OHM ADVISORS  
 CHECKED BY: HAK LIM  
 FEDERAL PROJECT NO: N/A  
 ROUTE NO. OR STREET: CATES LANDING

SHEET 19 OF 26  
 STATE NO.: 48ACOUS2-002  
 PIN:128977.00  
 COUNTY: LAKE

Subsoil Exc	0	0	0	1.00		0	0
Fill	91	154	154	1.00	1032	3364	3364

151+50.00 EARTH

Common Exc	31	58	58	1.00		4454	4454
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	74	153	153	1.00	937	3517	3517

152+00.00 EARTH

Common Exc	34	60	60	1.00		4514	4514
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	52	117	117	1.00	880	3634	3634

152+50.00 EARTH

Common Exc	30	59	59	1.00		4573	4573
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	43	88	88	1.00	851	3722	3722

153+00.00 EARTH

Common Exc	25	51	51	1.00		4624	4624
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	32	69	69	1.00	833	3791	3791

153+50.00 EARTH

Common Exc	29	50	50	1.00		4674	4674
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GRADING REPORT

COMPUTED BY: OHM ADVISORS  
 CHECKED BY: HAK LIM  
 FEDERAL PROJECT NO: N/A  
 ROUTE NO. OR STREET: CATES LANDING

SHEET 20 OF 26  
 STATE NO.: 48ACOUS2-002  
 PIN:128977.00  
 COUNTY: LAKE

Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	1	31	31	1.00	852	3822	3822

154+00.00 EARTH

Common Exc	66	88	88	1.00		4762	4762
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	1	1	1.00	939	3823	3823

154+50.00 EARTH

Common Exc	40	98	98	1.00		4860	4860
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	39	36	36	1.00	1001	3859	3859

155+08.63 EARTH

Common Exc	27	73	73	1.00		4933	4933
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	15	59	59	1.00	1015	3918	3918

155+50.00 EARTH

Common Exc	30	44	44	1.00		4977	4977
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	16	24	24	1.00	1035	3942	3942

156+00.00 EARTH

GRADING REPORT

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 CHECKED BY: HAK LIM  
 FEDERAL PROJECT NO: N/A  
 ROUTE NO. OR STREET: CATES LANDING

SHEET 21 OF 26  
 STATE NO.: 48ACOUS2-002  
 PIN:128977.00  
 COUNTY: LAKE

Common Exc	32	57	57	1.00		5034	5034
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	13	27	27	1.00	1065	3969	3969

156+50.00 EARTH

Common Exc	27	55	55	1.00		5089	5089
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	13	24	24	1.00	1096	3993	3993

157+00.00 EARTH

Common Exc	29	52	52	1.00		5141	5141
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	13	24	24	1.00	1124	4017	4017

157+50.00 EARTH

Common Exc	33	57	57	1.00		5198	5198
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	12	23	23	1.00	1158	4040	4040

158+00.00 EARTH

Common Exc	37	65	65	1.00		5263	5263
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	10	20	20	1.00	1203	4060	4060

GRADING REPORT

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 FEDERAL PROJECT NO: N/A  
 ROUTE NO. OR STREET: CATES LANDING

SHEET 22 OF 26  
 STATE NO.: 48ACOUS2-002  
 PIN:128977.00  
 COUNTY: LAKE

158+50.00 EARTH

Common Exc	43	74	74	1.00		5337	5337
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	9	18	18	1.00	1259	4078	4078

159+00.00 EARTH

Common Exc	50	86	86	1.00		5423	5423
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	8	16	16	1.00	1329	4094	4094

159+50.00 EARTH

Common Exc	47	90	90	1.00		5513	5513
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	7	14	14	1.00	1405	4108	4108

160+00.00 EARTH

Common Exc	47	87	87	1.00		5600	5600
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	6	6	1.00	1486	4114	4114

160+50.00 EARTH

Common Exc	64	103	103	1.00		5703	5703
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	1589	4114	4114

GRADING REPORT

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 FEDERAL PROJECT NO: N/A  
 ROUTE NO. OR STREET: CATES LANDING

SHEET 23 OF 26  
 STATE NO.: 48ACOUS2-002  
 PIN:128977.00  
 COUNTY: LAKE

160+85.00 EARTH

Common Exc	72	88	88	1.00		5791	5791
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	1677	4114	4114

161+00.00 EARTH

Common Exc	69	39	39	1.00		5830	5830
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	1716	4114	4114

161+50.00 EARTH

Common Exc	85	143	143	1.00		5973	5973
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	1859	4114	4114

162+00.00 EARTH

Common Exc	84	156	156	1.00		6129	6129
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	2015	4114	4114

162+35.00 EARTH

Common Exc	86	110	110	1.00		6239	6239
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0

GRADING REPORT

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 CHECKED BY: HAK LIM  
 FEDERAL PROJECT NO: N/A  
 ROUTE NO. OR STREET: CATES LANDING

SHEET 24 OF 26  
 STATE NO.: 48ACOUS2-002  
 PIN:128977.00  
 COUNTY: LAKE

Fill	0	0	0	1.00	2125	4114	4114
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162+50.00 EARTH

Common Exc	84	47	47	1.00		6286	6286
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	2172	4114	4114

163+00.00 EARTH

Common Exc	71	144	144	1.00		6430	6430
Subgrade Exc	0	0	0	1.00		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	2316	4114	4114

GRADING REPORT

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 CHECKED BY: HAK LIM  
 FEDERAL PROJECT NO: N/A  
 ROUTE NO. OR STREET: CATES LANDING

SHEET 25 OF 26  
 STATE NO.: 48ACOUS2-002  
 PIN:128977.00  
 COUNTY: LAKE

G R A N D	S U M M A R Y	T O T A L S	
Material Name	Unadjusted	Adjusted	Mult
	Volumes	Volumes	Factor
	(cu. yd.)	(cu. yd.)	

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EARTH

Common Exc	6430	6430	1.00
Subgrade Exc	0	0	1.00
Subsoil Exc	0	0	1.00
Fill	4114	4114	1.00

GRADING REPORT

COMPUTED BY: OHM ADVISORS  
 CHECKED BY: HAK LIM  
 FEDERAL PROJECT NO: N/A  
 ROUTE NO. OR STREET: CATES LANDING

SHEET 26 OF 26  
 STATE NO.: 48ACOUS2-002  
 PIN:128977.00  
 COUNTY: LAKE

Material Name	S P L I T		S U M M A R Y		T O T A L S	
	XS Quant	XS Quant	Add/Sub Quant	Add/Sub Quant	Unadjusted	Adjusted
	Unadjusted	Adjusted	Unadjusted	Adjusted	Mult	
	Volume	Volume	Volume	Volume	Factor	
	(cu. yd.)	(cu. yd.)	(cu. yd.)	(cu. yd.)		
-----						
EARTH						
Common Exc	6430	6430	0	0	1.00	
Subgrade Exc	0	0	0	0	1.00	
Subsoil Exc	0	0	0	0	1.00	
Fill	4114	4114	0	0	1.00	