

GRADING SHEETS

PROJECT: STATE ROUTE 28
FROM: NEAR POTATO FARM ROAD
TO: NEAR HOLLOW LANE

FED. PROJ. NUMBER: STP/NH/HPP-28(32)

STATE PE NUMBER: 18008-1218-14

DATE: May 20, 2026

T.D.O.T. C.E. MANAGER I : Curt Duncan, P.E.

CONSULTANT: Sain Associates

GRADING QUANTITIES SUMMARY SHEET

CALC. BY: CL
CHKD. BY: DS

DATE: July, 2019
DATE: 05/20/26

10% SHRINKAGE FACTOR
15% SWELL FACTOR (ROCK)

Section	Raw Data Excavation	Raw Data Embankment	Exst Pvm Removal	Exst Pvm Replacement	Stripped Topsoil (Exc.)	Stripped Topsoil (Emb.)	Total Usable Excavation	Required Compacted Embankment	Borrow	Waste	Scarified Pavement Areas	Required In-Place Topsoil for Scarified Areas	Required In-Place Topsoil for Side Slopes	Available Topsoil from Stripping	Compacted Topsoil Surplus	Compacted Topsoil Deficit
SR-28 (Rock)	223,687 CY	0 CY	0 CY	0 CY	0 CY	0 CY	223,687 CY	0 CY	NA	223,687 CY	0 CY					
SR-28 (Earth)	272,341 CY	140,714 CY	6,367 CY	2,551 CY	18,460 CY	7,792 CY	247,513 CY	151,057 CY	NA	81,351 CY	17,535 CY	8,768 CY	35,653 CY	26,252 CY	N.A.	18,168 CY
Byers	318 CY	784 CY	149 CY	226 CY	104 CY	126 CY	65 CY	1,136 CY	1,185 CY	NA	97 CY	48 CY	267 CY	231 CY	N.A.	85 CY
Clear Creek	1,745 CY	0 CY	508 CY	0 CY	248 CY	0 CY	990 CY	0 CY	NA	990 CY	0 CY	0 CY	0 CY	248 CY	248 CY	N.A.
Conley	1,059 CY	0 CY	266 CY	0 CY	127 CY	0 CY	666 CY	0 CY	NA	666 CY	0 CY	0 CY	0 CY	127 CY	127 CY	N.A.
Detour 1	2,052 CY	599 CY	0 CY	0 CY	265 CY	176 CY	1,788 CY	775 CY	NA	935 CY	0 CY	0 CY	182 CY	441 CY	259 CY	N.A.
Detour 2	906 CY	1,130 CY	0 CY	0 CY	0 CY	0 CY	906 CY	1,130 CY	336 CY	NA	0 CY	0 CY	265 CY	0 CY	N.A.	265 CY
Detour 3	2,544 CY	2,663 CY	0 CY	0 CY	60 CY	77 CY	2,485 CY	2,740 CY	529 CY	NA	0 CY	0 CY	644 CY	136 CY	N.A.	507 CY
Gross Road	9,747 CY	0 CY	709 CY	0 CY	502 CY	0 CY	8,536 CY	0 CY	NA	8,536 CY	0 CY	0 CY	0 CY	502 CY	502 CY	N.A.
Hollow	5,177 CY	0 CY	790 CY	0 CY	246 CY	0 CY	4,141 CY	0 CY	NA	4,141 CY	0 CY	0 CY	0 CY	246 CY	246 CY	N.A.
Mayfair	66 CY	1,933 CY	156 CY	237 CY	19 CY	150 CY	0 CY	2,320 CY	2,552 CY	NA	0 CY	0 CY	545 CY	169 CY	N.A.	376 CY
Old SR 28 S	8,593 CY	0 CY	1,124 CY	0 CY	359 CY	0 CY	7,110 CY	0 CY	NA	7,110 CY	0 CY	0 CY	0 CY	359 CY	359 CY	N.A.
Old SR 28 E	564 CY	0 CY	240 CY	0 CY	91 CY	1 CY	234 CY	1 CY	NA	233 CY	25 CY	13 CY	0 CY	92 CY	79 CY	N.A.
Old SR 28 W	8,224 CY	1 CY	509 CY	0 CY	448 CY	3 CY	7,267 CY	5 CY	NA	7,262 CY	0 CY	0 CY	1 CY	451 CY	450 CY	N.A.
Pryor	18,313 CY	0 CY	549 CY	0 CY	581 CY	0 CY	17,183 CY	0 CY	NA	17,183 CY	153 CY	77 CY	0 CY	581 CY	504 CY	N.A.
Rector	294 CY	13 CY	472 CY	435 CY	70 CY	8 CY	0 CY	456 CY	502 CY	NA	0 CY	0 CY	107 CY	78 CY	N.A.	29 CY
SB Transition LT	958 CY	454 CY	0 CY	0 CY	227 CY	98 CY	730 CY	552 CY	NA	123 CY	0 CY	0 CY	130 CY	326 CY	196 CY	N.A.
SB Transition RT	569 CY	4 CY	0 CY	0 CY	163 CY	13 CY	406 CY	17 CY	NA	387 CY	0 CY	0 CY	4 CY	176 CY	172 CY	N.A.
Undercutting	9,994 CY	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY	NA	NA	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY
Backfill	0 CY	9,994 CY	0 CY	0 CY	0 CY	0 CY	0 CY	9,994 CY	10,993 CY	NA	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY
STREAMS	10,803 CY						10,803 CY	0 CY	NA	10,803 CY	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY
Environmental Impacts	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY	NA	NA	0 CY	0 CY	4,321 CY	0 CY	N.A.	4,321 CY
Haul Roads	18,734 CY	6,468 CY	0 CY	0 CY	0 CY	0 CY	18,734 CY	6,468 CY	NA	11,620 CY	0 CY	0 CY	0 CY	0 CY	0 CY	0 CY
	596,689 CY	164,756 CY	11,837 CY	3,449 CY	21,969 CY	8,445 CY	636,231 CY	194,315 CY	NA	646,172 CY	17,810 CY	8,905 CY	42,119 CY	30,414 CY	3,141 CY	23,752 CY

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SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
1282+00.00		1089				0			
	50		2506.00	2320.4	2320.4		0.00	0.0	0.0
1282+50.00		1417				0			
	50		3004.00	2781.5	5101.9		0.00	0.0	0.0
1283+00.00		1587				0			
	50		3250.00	3009.3	8111.1		0.00	0.0	0.0
1283+50.00		1663				0			
	50		3210.00	2972.2	11083.3		0.00	0.0	0.0
1284+00.00		1547				0			
	50		2947.00	2728.7	13812.0		0.00	0.0	0.0
1284+50.00		1400				0			
	50		2652.00	2455.6	16267.6		0.00	0.0	0.0
1285+00.00		1252				0			
	50		2337.00	2163.9	18431.5		0.00	0.0	0.0
1285+50.00		1085				0			
	50		2111.00	1954.6	20386.1		0.00	0.0	0.0
1286+00.00		1026				0			
	50		1872.00	1733.3	22119.4		0.00	0.0	0.0
1286+50.00		846				0			
	50		1434.00	1327.8	23447.2		0.00	0.0	0.0
1287+00.00		588				0			
	50		990.00	916.7	24363.9		0.00	0.0	0.0
1287+50.00		402				0			
	50		731.00	676.9	25040.7		0.00	0.0	0.0
1288+00.00		329				0			
	50		570.00	527.8	25568.5		0.00	0.0	0.0
1288+50.00		241				0			
	50		567.00	525.0	26093.5		0.00	0.0	0.0
1289+00.00		326							
	50		466.00	431.5	26525.0		0.00	0.0	0.0
1289+50.00		140							
	50		249.00	230.6	26755.6		0.00	0.0	0.0
1290+00.00		109							
	50		478.00	442.6	27198.1		0.00	0.0	0.0
1290+50.00		369							
	50		374.00	346.3	27544.4		0.00	0.0	0.0
1291+00.00		5							

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1291+50.00	50	15	20.00	18.5	27563.0		0.00	0.0	0.0
1292+00.00	50	18	33.00	30.6	27593.5	711	711.00	658.3	658.3
1292+50.00	50	4	22.00	20.4	27613.9	745	1456.00	1348.1	2006.5
1293+00.00	50	11	15.00	13.9	27627.8	565	1310.00	1213.0	3219.4
1293+50.00	50	0	11.00	10.2	27638.0	443	1008.00	933.3	4152.8
1294+00.00	50	15	15.00	13.9	27651.9	226	669.00	619.4	4772.2
1294+50.00	50	49	64.00	59.3	27711.1	77	303.00	280.6	5052.8
1295+00.00	50	95	144.00	133.3	27844.4	14	91.00	84.3	5137.0
1295+50.00	50	71	166.00	153.7	27998.1	0	14.00	13.0	5150.0
1296+00.00	50	60	131.00	121.3	28119.4	1	1.00	0.9	5150.9
1296+50.00	50	31	91.00	84.3	28203.7	22	23.00	21.3	5172.2
1297+00.00	50	15	46.00	42.6	28246.3	161	183.00	169.4	5341.7
1297+50.00	50	1	16.00	14.8	28261.1	479	640.00	592.6	5934.3
1298+00.00	50	4	5.00	4.6	28265.7	259	738.00	683.3	6617.6
1298+50.00	50	9	13.00	12.0	28277.8	109	368.00	340.7	6958.3
1299+00.00	50	16	25.00	23.1	28300.9	33	142.00	131.5	7089.8
1299+50.00	50	17	33.00	30.6	28331.5	4	37.00	34.3	7124.1
1300+00.00	50	19	36.00	33.3	28364.8	11	15.00	13.9	7138.0
	50		44.00	40.7	28405.6		31.00	28.7	7166.7

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1300+50.00		25				20			
1301+00.00	50	3	28.00	25.9	28431.5	107	127.00	117.6	7284.3
1301+50.00	50	5	8.00	7.4	28438.9	302	409.00	378.7	7663.0
1302+00.00	50	6	11.00	10.2	28449.1	573	875.00	810.2	8473.1
1302+50.00	50	15	21.00	19.4	28468.5	808	1381.00	1278.7	9751.9
1303+00.00	50	26	41.00	38.0	28506.5	1026	1834.00	1698.1	11450.0
1303+50.00	50	12	38.00	35.2	28541.7	1358	2384.00	2207.4	13657.4
1304+00.00	50	13	25.00	23.1	28564.8	1788	3146.00	2913.0	16570.4
1304+50.00	50	27	40.00	37.0	28601.9	1843	3631.00	3362.0	19932.4
1305+00.00	50	48	75.00	69.4	28671.3	1936	3779.00	3499.1	23431.5
1305+50.00	50	82	130.00	120.4	28791.7	2101	4037.00	3738.0	27169.4
1306+00.00	50	10	92.00	85.2	28876.9	2386	4487.00	4154.6	31324.1
1306+50.00	50	4	14.00	13.0	28889.8	2204	4590.00	4250.0	35574.1
1307+00.00	50	0	4.00	3.7	28893.5	1359	3563.00	3299.1	38873.1
1307+50.00	50	5	5.00	4.6	28898.1	995	2354.00	2179.6	41052.8
1308+00.00	50	5	10.00	9.3	28907.4	582	1577.00	1460.2	42513.0
1308+50.00	50	0	5.00	4.6	28912.0	414	996.00	922.2	43435.2
1309+00.00	50	0	0.00	0.0	28912.0	213	627.00	580.6	44015.7
1309+50.00	50	11	11.00	10.2	28922.2	54	267.00	247.2	44263.0

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1310+00.00	50	77	88.00	81.5	29003.7	0	54.00	50.0	44313.0
1310+50.00	50	223	300.00	277.8	29281.5	0	0.00	0.0	44313.0
1311+00.00	50	331	554.00	513.0	29794.4	0	0.00	0.0	44313.0
1311+50.00	50	311	642.00	594.4	30388.9	0	0.00	0.0	44313.0
1312+00.00	50	275	586.00	542.6	30931.5	0	0.00	0.0	44313.0
1312+50.00	50	148	423.00	391.7	31323.1	0	0.00	0.0	44313.0
1313+00.00	50	81	229.00	212.0	31535.2	0	0.00	0.0	44313.0
1313+50.00	50	66	147.00	136.1	31671.3	11	11.00	10.2	44323.1
1314+00.00	50	63	129.00	119.4	31790.7	15	26.00	24.1	44347.2
1314+50.00	50	62	125.00	115.7	31906.5	18	33.00	30.6	44377.8
1315+00.00	50	47	109.00	100.9	32007.4	22	40.00	37.0	44414.8
1315+50.00	50	43	90.00	83.3	32090.7	27	49.00	45.4	44460.2
1316+00.00	50	13	56.00	51.9	32142.6	32	59.00	54.6	44514.8
1316+50.00	50	8	21.00	19.4	32162.0	47	79.00	73.1	44588.0
1317+00.00	50	17	25.00	23.1	32185.2	47	94.00	87.0	44675.0
1317+50.00	50	18	35.00	32.4	32217.6	92	139.00	128.7	44803.7
1318+00.00	50	18	36.00	33.3	32250.9	83	175.00	162.0	44965.7
1318+50.00	50	28	46.00	42.6	32293.5	72	155.00	143.5	45109.3
	50		58.00	53.7	32347.2		177.00	163.9	45273.1

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		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
1319+00.00		30				105			
1319+50.00	50	10	40.00	37.0	32384.3	263	368.00	340.7	45613.9
1320+00.00	50	0	10.00	9.3	32393.5	405	668.00	618.5	46232.4
1320+50.00	50	0	0.00	0.0	32393.5	627	1032.00	955.6	47188.0
1321+00.00	50	0	0.00	0.0	32393.5	892	1519.00	1406.5	48594.4
1321+50.00	50	0	0.00	0.0	32393.5	1093	1985.00	1838.0	50432.4
1322+00.00	50	0	0.00	0.0	32393.5	1303	2396.00	2218.5	52650.9
1322+50.00	50	0	0.00	0.0	32393.5	1398	2701.00	2500.9	55151.9
1323+00.00	50	2	2.00	1.9	32395.4	1273	2671.00	2473.1	57625.0
1323+50.00	50	3	5.00	4.6	32400.0	1040	2313.00	2141.7	59766.7
1324+00.00	50	2	5.00	4.6	32404.6	1052	2092.00	1937.0	61703.7
1324+50.00	50	2	4.00	3.7	32408.3	1109	2161.00	2000.9	63704.6
1325+00.00	50	2	4.00	3.7	32412.0	1226	2335.00	2162.0	65866.7
1325+50.00	50	5	7.00	6.5	32418.5	1255	2481.00	2297.2	68163.9
1326+00.00	50	0	5.00	4.6	32423.1	935	2190.00	2027.8	70191.7
1326+50.00	50	0	0.00	0.0	32423.1	430	1365.00	1263.9	71455.6
1327+00.00	50	150	150.00	138.9	32562.0	1	431.00	399.1	71854.6
1327+50.00	50	472	622.00	575.9	33138.0	0	1.00	0.9	71855.6
1328+00.00	50	484	956.00	885.2	34023.1	0	0.00	0.0	71855.6

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		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
1328+50.00	50	315	799.00	739.8	34763.0	0	0.00	0.0	71855.6
1329+00.00	50	21	336.00	311.1	35074.1	0	0.00	0.0	71855.6
1329+50.00	50	88	109.00	100.9	35175.0	0	0.00	0.0	71855.6
1330+00.00	50	104	192.00	177.8	35352.8	0	0.00	0.0	71855.6
1330+50.00	50	614	718.00	664.8	36017.6	0	0.00	0.0	71855.6
1331+00.00	50	693	1307.00	1210.2	37227.8	0	0.00	0.0	71855.6
1331+50.00	50	620	1313.00	1215.7	38443.5	0	0.00	0.0	71855.6
1332+00.00	50	593	1213.00	1123.1	39566.7	0	0.00	0.0	71855.6
1332+50.00	50	506	1099.00	1017.6	40584.3	0	0.00	0.0	71855.6
1333+00.00	50	433	939.00	869.4	41453.7	0	0.00	0.0	71855.6
1333+50.00	50	359	792.00	733.3	42187.0	0	0.00	0.0	71855.6
1334+00.00	50	418	777.00	719.4	42906.5	3	3.00	2.8	71858.3
1334+50.00	50	508	926.00	857.4	43763.9	0	3.00	2.8	71861.1
1335+00.00	50	902	1410.00	1305.6	45069.4	0	0.00	0.0	71861.1
1335+50.00	50	1164	2066.00	1913.0	46982.4	0	0.00	0.0	71861.1
1336+00.00	50	1217	2381.00	2204.6	49187.0	0	0.00	0.0	71861.1
1336+50.00	50	1048	2265.00	2097.2	51284.3	0	0.00	0.0	71861.1
1337+00.00	50	666	1714.00	1587.0	52871.3	0	0.00	0.0	71861.1
	50		880.00	814.8	53686.1		0.00	0.0	71861.1

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1337+50.00		214				0			
	50		260.00	240.7	53926.9		552.00	511.1	72372.2
1338+00.00		46				552			
	19.1		92.00	32.5	53959.4		1104.00	390.5	72762.7
1338+19.10		46				552			
	30.9		58.00	33.2	53992.6		552.00	315.9	73078.6
1338+50.00		12				0			
	50		50.00	46.3	54038.9		0.00	0.0	73078.6
1339+00.00		38				0			
	50		126.00	116.7	54155.5		0.00	0.0	73078.6
1339+50.00		88				0			
	33.1		170.00	104.2	54259.7		956.00	586.0	73664.6
1339+83.10		82				956			
	16.9		164.00	51.3	54311.1		1912.00	598.4	74263.0
1340+00.00		82				956			
	50		297.00	275.0	54586.1		1601.00	1482.4	75745.4
1340+50.00		215				645			
	50		620.00	574.1	55160.1		985.00	912.0	76657.4
1341+00.00		405				340			
	50		1024.00	948.1	56108.3		443.00	410.2	77067.6
1341+50.00		619				103			
	50		619.00	573.1	56681.4		286.00	264.8	77332.4
1342+00.00		0				183			
	50		0.00	0.0	56681.4		368.00	340.7	77673.1
1342+50.00		0				185			
	50		0.00	0.0	56681.4		344.00	318.5	77991.7
1343+00.00		0				159			
	50		0.00	0.0	56681.4		302.00	279.6	78271.3
1343+50.00		0				143			
	50		0.00	0.0	56681.4		197.00	182.4	78453.7
1344+00.00		0				54			
	50		0.00	0.0	56681.4		110.00	101.9	78555.5
1344+50.00		0				56			
	50		0.00	0.0	56681.4		210.00	194.4	78750.0
1345+00.00		0				154			
	50		0.00	0.0	56681.4		262.00	242.6	78992.6
1345+50.00		0				108			
	50		0.00	0.0	56681.4		225.00	208.3	79200.9
1346+00.00		0				117			
	50		415.00	384.3	57065.7		137.00	126.9	79327.8
1346+50.00		415				20			
	50		789.00	730.6	57796.3		33.00	30.6	79358.3
1347+00.00		374				13			

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CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
1347+50.00	50	725	1099.00	1017.6	58813.9	0	13.00	12.0	79370.4
1348+00.00	50	929	1654.00	1531.5	60345.3	0	0.00	0.0	79370.4
1348+50.00	50	1107	2036.00	1885.2	62230.5	0	0.00	0.0	79370.4
1349+00.00	50	1377	2484.00	2300.0	64530.5	0	0.00	0.0	79370.4
1349+50.00	50	1619	2996.00	2774.1	67304.6	0	0.00	0.0	79370.4
1350+00.00	50	1811	3430.00	3175.9	70480.5	0	0.00	0.0	79370.4
1350+50.00	50	1884	3695.00	3421.3	73901.8	0	0.00	0.0	79370.4
1351+00.00	50	1793	3677.00	3404.6	77306.4	0	0.00	0.0	79370.4
1351+50.00	50	1625	3418.00	3164.8	80471.3	0	0.00	0.0	79370.4
1352+00.00	50	1299	2924.00	2707.4	83178.7	0	0.00	0.0	79370.4
1352+50.00	50	1061	2360.00	2185.2	85363.9	0	0.00	0.0	79370.4
1353+00.00	50	1000	2061.00	1908.3	87272.2	0	0.00	0.0	79370.4
1353+50.00	50	787	1787.00	1654.6	88926.8	0	0.00	0.0	79370.4
1354+00.00	50	268	1055.00	976.9	89903.7	0	0.00	0.0	79370.4
1354+50.00	50	101	369.00	341.7	90245.3	58	58.00	53.7	79424.1
1355+00.00	50	194	295.00	273.1	90518.5	0	58.00	53.7	79477.8
1355+50.00	50	52	246.00	227.8	90746.3	0	0.00	0.0	79477.8
1356+00.00	50	3	55.00	50.9	90797.2	61	61.00	56.5	79534.3
1356+50.00	50	35	38.00	35.2	90832.4	410	471.00	436.1	79970.4
1357+00.00	50	18	53.00	49.1	90881.4	431	841.00	778.7	80749.1
1357+50.00	50	23	41.00	38.0	90919.4	356	787.00	728.7	81477.8
	50		26.00	24.1	90943.5		956.00	885.2	82363.0

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CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
1358+00.00		3				600			
1358+50.00	50	12	15.00	13.9	90957.4	1363	1963.00	1817.6	84180.5
1359+00.00		4				2066			
1359+50.00	50	8	16.00	14.8	90972.2	2298	3429.00	3175.0	87355.5
1360+00.00		7				2014			
1360+50.00	50	1	12.00	11.1	90983.3	1691	4364.00	4040.7	91396.3
1361+00.00		7				1321			
1361+50.00	50	8	15.00	13.9	90997.2	1135	4312.00	3992.6	95388.9
1362+00.00		3				947			
1362+50.00	50	6	9.00	8.3	90997.2	673	4312.00	3992.6	95388.9
1363+00.00		28				428			
1363+50.00	50	48	8.00	7.4	91004.6	299	3705.00	3430.6	98819.4
1364+00.00		12				325			
1364+50.00	50	1	8.00	7.4	91012.0	428	3012.00	2788.9	101608.3
1365+00.00		6				400			
1365+50.00	50	12	15.00	13.9	91025.9	340	2456.00	2274.1	103882.4
1366+00.00		11				281			
1366+50.00	50	23	11.00	10.2	91036.1	231	2082.00	1927.8	105810.2
1367+00.00		30				277			
1367+50.00	50	41	34.00	31.5	91075.9	241	1620.00	1500.0	107310.2
1368+00.00		56				121			
1368+50.00	50	143	9.00	8.3	91044.4	25	1101.00	1019.4	108329.6
			76.00	70.4	91146.3		727.00	673.1	109002.8
			60.00	55.6	91201.8		624.00	577.8	109580.5
			13.00	12.0	91213.9		753.00	697.2	110277.8
			7.00	6.5	91220.3		828.00	766.7	111044.4
			18.00	16.7	91237.0		740.00	685.2	111729.6
			23.00	21.3	91258.3		621.00	575.0	112304.6
			34.00	31.5	91289.8		512.00	474.1	112778.7
			53.00	49.1	91338.9		508.00	470.4	113249.1
			71.00	65.7	91404.6		518.00	479.6	113728.7
			97.00	89.8	91494.4		362.00	335.2	114063.9
			199.00	184.3	91678.7		146.00	135.2	114199.1

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CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
1369+00.00	50	245	388.00	359.3	92037.9	3	28.00	25.9	114225.0
1369+50.00	50	317	562.00	520.4	92558.3	0	3.00	2.8	114227.8
1370+00.00	50	314	631.00	584.3	93142.6	0	0.00	0.0	114227.8
1370+50.00	50	349	663.00	613.9	93756.4	0	0.00	0.0	114227.8
1371+00.00	50	342	691.00	639.8	94396.3	0	0.00	0.0	114227.8
1371+50.00	50	371	713.00	660.2	95056.4	0	0.00	0.0	114227.8
1372+00.00	50	368	739.00	684.3	95740.7	0	0.00	0.0	114227.8
1372+50.00	50	392	760.00	703.7	96444.4	0	0.00	0.0	114227.8
1373+00.00	50	439	831.00	769.4	97213.9	0	0.00	0.0	114227.8
1373+50.00	50	491	930.00	861.1	98075.0	0	0.00	0.0	114227.8
1374+00.00	50	487	978.00	905.6	98980.5	0	0.00	0.0	114227.8
1374+50.00	50	560	1047.00	969.4	99950.0	0	0.00	0.0	114227.8
1375+00.00	50	430	990.00	916.7	100866.6	0	0.00	0.0	114227.8
1375+50.00	50	333	763.00	706.5	101573.1	0	0.00	0.0	114227.8
1376+00.00	50	351	684.00	633.3	102206.4	0	0.00	0.0	114227.8
1376+50.00	50	731	1082.00	1001.9	103208.3	0	0.00	0.0	114227.8
1377+00.00	50	750	1481.00	1371.3	104579.6	0	0.00	0.0	114227.8
1377+50.00	50	636	1386.00	1283.3	105862.9	0	0.00	0.0	114227.8
1378+00.00	50	422	1058.00	979.6	106842.6	0	0.00	0.0	114227.8
1378+50.00	50	354	776.00	718.5	107561.1	0	0.00	0.0	114227.8
1379+00.00	50	444	798.00	738.9	108300.0	0	0.00	0.0	114227.8
	50		939.00	869.4	109169.4		0.00	0.0	114227.8

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CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
1379+50.00		495				0			
1380+00.00	50	579	1074.00	994.4	110163.9	0	0.00	0.0	114227.8
1380+50.00	50	708	1287.00	1191.7	111355.5	0	0.00	0.0	114227.8
1381+00.00	50	740	1448.00	1340.7	112696.3	0	0.00	0.0	114227.8
1381+50.00	50	861	1601.00	1482.4	114178.7	0	0.00	0.0	114227.8
1382+00.00	50	1036	1897.00	1756.5	115935.1	0	0.00	0.0	114227.8
1382+50.00	50	179	1215.00	1125.0	117060.1	0	0.00	0.0	114227.8
1383+00.00	50	141	320.00	296.3	117356.4	0	0.00	0.0	114227.8
1383+50.00	50	393	534.00	494.4	117850.9	0	0.00	0.0	114227.8
1384+00.00	50	977	1370.00	1268.5	119119.4	0	0.00	0.0	114227.8
1384+50.00	50	2226	3203.00	2965.7	122085.1	0	0.00	0.0	114227.8
1385+00.00	50	0	2226.00	2061.1	124146.3	196	196.00	181.5	114409.3
1385+50.00	50	0	0.00	0.0	124146.3	240	436.00	403.7	114813.0
1386+00.00	50	0	0.00	0.0	124146.3	275	515.00	476.9	115289.8
1386+50.00	50	0	0.00	0.0	124146.3	310	585.00	541.7	115831.5
1387+00.00	50	0	0.00	0.0	124146.3	348	658.00	609.3	116440.7
1387+50.00	50	0	0.00	0.0	124146.3	375	723.00	669.4	117110.2
1388+00.00	50	0	0.00	0.0	124146.3	400	775.00	717.6	117827.8
1388+50.00	50	0	0.00	0.0	124146.3	392	792.00	733.3	118561.1
1389+00.00	50	0	0.00	0.0	124146.3	380	772.00	714.8	119275.9
1389+50.00	50	0	0.00	0.0	124146.3	358	738.00	683.3	119959.3
1390+00.00	50	0	0.00	0.0	124146.3	339	697.00	645.4	120604.6

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CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
1390+50.00	50	0	0.00	0.0	124146.3	412	751.00	695.4	121300.0
1391+00.00	50	0	0.00	0.0	124146.3	389	801.00	741.7	122041.7
1391+50.00	50	0	0.00	0.0	124146.3	299	688.00	637.0	122678.7
1392+00.00	50	0	0.00	0.0	124146.3	244	543.00	502.8	123181.5
1392+50.00	50	0	0.00	0.0	124146.3	235	479.00	443.5	123625.0
1393+00.00	50	0	0.00	0.0	124146.3	230	465.00	430.6	124055.5
1393+50.00	50	0	0.00	0.0	124146.3	219	449.00	415.7	124471.3
1394+00.00	0	0	0.00	0.0	124146.3	171	390.00	0.0	124471.3
1394+50.00	50	0	0.00	0.0	124146.3	412	583.00	539.8	125011.1
1394+64.00	14	515	515.00	133.5	124279.8	299	711.00	184.3	125195.4
1395+00.00	36	63	578.00	385.3	124665.1	0	299.00	199.3	125394.8
1395+50.00	50	4	67.00	62.0	124727.1	0	0.00	0.0	125394.8
1396+00.00	50	25	29.00	26.9	124754.0	0	0.00	0.0	125394.8
1396+50.00	50	13	38.00	35.2	124789.2	0	0.00	0.0	125394.8
1397+00.00	50	9	22.00	20.4	124809.6	0	0.00	0.0	125394.8
1397+50.00	50	8	17.00	15.7	124825.3	0	0.00	0.0	125394.8
1398+00.00	50	14	22.00	20.4	124845.7	0	0.00	0.0	125394.8
1398+50.00	50	13	27.00	25.0	124870.7	0	0.00	0.0	125394.8
1398+64.00	14	28	41.00	10.6	124881.3	779	779.00	202.0	125596.7
1399+00.00	36	28	56.00	37.3	124918.6	779	1558.00	1038.7	126635.4
1399+50.00	50	43	71.00	65.7	124984.4	519	1298.00	1201.9	127837.3
	50		178.00	164.8	125149.2		851.00	788.0	128625.2

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CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
1400+00.00		135				332			
1400+50.00	50	339	474.00	438.9	125588.1	299	631.00	584.3	129209.5
1401+00.00	50	583	922.00	853.7	126441.8	77	376.00	348.1	129557.6
1401+50.00	50	978	1561.00	1445.4	127887.1	0	77.00	71.3	129628.9
1402+00.00	50	1544	2522.00	2335.2	130222.3	0	0.00	0.0	129628.9
1402+50.00	50	1957	3501.00	3241.7	133464.0	0	0.00	0.0	129628.9
1403+00.00	50	2042	3999.00	3702.8	137166.8	0	0.00	0.0	129628.9
1403+50.00	50	2144	4186.00	3875.9	141042.7	0	0.00	0.0	129628.9
1404+00.00	50	2032	4176.00	3866.7	144909.4	0	0.00	0.0	129628.9
1404+50.00	50	2249	4281.00	3963.9	148873.3	0	0.00	0.0	129628.9
1405+00.00	50	2736	4985.00	4615.7	153489.0	0	0.00	0.0	129628.9
1405+50.00	50	2811	5547.00	5136.1	158625.1	0	0.00	0.0	129628.9
1406+00.00	50	2844	5655.00	5236.1	163861.2	0	0.00	0.0	129628.9
1406+50.00	50	2689	5533.00	5123.1	168984.4	0	0.00	0.0	129628.9
1407+00.00	50	2508	5197.00	4812.0	173796.4	0	0.00	0.0	129628.9
1407+50.00	50	2346	4854.00	4494.4	178290.9	0	0.00	0.0	129628.9
1408+00.00	50	2236	4582.00	4242.6	182533.4	0	0.00	0.0	129628.9
1408+50.00	50	2081	4317.00	3997.2	186530.7	0	0.00	0.0	129628.9
1409+00.00	50	1907	3988.00	3692.6	190223.3	0	0.00	0.0	129628.9
1409+50.00	50	1504	3411.00	3158.3	193381.6	0	0.00	0.0	129628.9
1410+00.00	50	1244	2748.00	2544.4	195926.0	0	0.00	0.0	129628.9
1410+50.00	50	1495	2739.00	2536.1	198462.1	0	0.00	0.0	129628.9

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CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
1411+00.00	50	1558	3053.00	2826.9	201289.0	0	0.00	0.0	129628.9
1411+50.00	50	1614	3172.00	2937.0	204226.0	0	0.00	0.0	129628.9
1412+00.00	50	1592	3206.00	2968.5	207194.6	0	0.00	0.0	129628.9
1412+50.00	50	1801	3393.00	3141.7	210336.2	0	0.00	0.0	129628.9
1413+00.00	50	1996	3797.00	3515.7	213852.0	0	0.00	0.0	129628.9
1413+50.00	50	2184	4180.00	3870.4	217722.3	0	0.00	0.0	129628.9
1414+00.00	50	2380	4564.00	4225.9	221948.3	0	0.00	0.0	129628.9
1414+50.00	50	2420	4800.00	4444.4	226392.7	0	0.00	0.0	129628.9
1415+00.00	50	2295	4715.00	4365.7	230758.4	0	0.00	0.0	129628.9
1415+50.00	50	2028	4323.00	4002.8	234761.2	0	0.00	0.0	129628.9
1416+00.00	50	1719	3747.00	3469.4	238230.7	0	0.00	0.0	129628.9
1416+50.00	50	1317	3036.00	2811.1	241041.8	0	0.00	0.0	129628.9
1417+00.00	50	954	2271.00	2102.8	243144.6	0	0.00	0.0	129628.9
1417+50.00	50	617	1571.00	1454.6	244599.2	0	0.00	0.0	129628.9
1418+00.00	50	510	1127.00	1043.5	245642.7	0	0.00	0.0	129628.9
1418+50.00	50	312	822.00	761.1	246403.8	14	14.00	13.0	129641.9
1419+00.00	50	319	631.00	584.3	246988.1	0	14.00	13.0	129654.8
1419+50.00	50	27	346.00	320.4	247308.4	39	39.00	36.1	129691.0
1420+00.00	50	38	65.00	60.2	247368.6	119	158.00	146.3	129837.3
1420+50.00	50	26	64.00	59.3	247427.9	438	557.00	515.7	130353.0
1421+00.00	50	4	30.00	27.8	247455.7	876	1314.00	1216.7	131569.7
	50		17.00	15.7	247471.4		1898.00	1757.4	133327.1

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PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
1421+50.00		13				1022			
1422+00.00	50	9	22.00	20.4	247491.8	812	1834.00	1698.1	135025.2
1422+50.00	50	61	70.00	64.8	247556.6	478	1290.00	1194.4	136219.7
1423+00.00	50	162	223.00	206.5	247763.1	172	650.00	601.9	136821.5
1423+50.00	50	292	454.00	420.4	248183.4	68	240.00	222.2	137043.7
1424+00.00	50	349	641.00	593.5	248777.0	118	186.00	172.2	137216.0
1424+50.00	50	246	595.00	550.9	249327.9	265	383.00	354.6	137570.6
1425+00.00	50	139	385.00	356.5	249684.4	407	672.00	622.2	138192.8
1425+50.00	50	153	292.00	270.4	249954.7	526	933.00	863.9	139056.7
1426+00.00	50	282	435.00	402.8	250357.5	451	977.00	904.6	139961.3
1426+50.00	50	385	667.00	617.6	250975.1	180	631.00	584.3	140545.6
1427+00.00	50	868	1253.00	1160.2	252135.3	1	181.00	167.6	140713.2
1427+50.00	50	582	1450.00	1342.6	253477.9	0	1.00	0.9	140714.1
1428+00.00	50	753	1335.00	1236.1	254714.0	0	0.00	0.0	140714.1
1428+50.00	50	978	1731.00	1602.8	256316.8	0	0.00	0.0	140714.1
1429+00.00	50	2051	3029.00	2804.6	259121.4	0	0.00	0.0	140714.1
1429+50.00	50	2233	4284.00	3966.7	263088.1	0	0.00	0.0	140714.1
1430+00.00	50	2029	4262.00	3946.3	267034.4	0	0.00	0.0	140714.1
1430+50.00	50	1325	3354.00	3105.6	270139.9	0	0.00	0.0	140714.1
1431+00.00	50	526	1851.00	1713.9	271853.8	0	0.00	0.0	140714.1

TOTAL 272341 C.Y.

TOTAL 140714 C.Y.

STATE ROUTE 28

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL

Total Embankment = 140714

Total Excavation = 272341

Total Borrow = NA

Total Waste = 117555

STATE ROUTE 28 (ROCK)

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.15

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
1342+00.00		1232				0			
1342+50.00	50	1617	2849.00	2638.0	2638.0	0	0.00	0.0	0.0
1343+00.00	50	1823	3440.00	3185.2	5823.1	0	0.00	0.0	0.0
1343+50.00	50	2120	3943.00	3650.9	9474.1	0	0.00	0.0	0.0
1344+00.00	50	612	2732.00	2529.6	12003.7	0	0.00	0.0	0.0
1344+50.00	50	649	1261.00	1167.6	13171.3	0	0.00	0.0	0.0
1345+00.00	50	2033	2682.00	2483.3	15654.6	0	0.00	0.0	0.0
1345+50.00	50	1181	3214.00	2975.9	18630.6	0	0.00	0.0	0.0
1346+00.00	50	747	1928.00	1785.2	20415.7	0	0.00	0.0	0.0
SUBTOTAL					20416				0
1385+00.00		3410				0			
1385+50.00	50	4375	7785.00	7208.3	7208.3	0	0.00	0.0	0.0
1386+00.00	50	5210	9585.00	8875.0	16083.3	0	0.00	0.0	0.0
1386+50.00	50	6065	11275.00	10439.8	26523.1	0	0.00	0.0	0.0
1387+00.00	50	7139	13204.00	12225.9	38749.1	0	0.00	0.0	0.0
1387+50.00	50	8044	15183.00	14058.3	52807.4	0	0.00	0.0	0.0
1388+00.00	50	8557	16601.00	15371.3	68178.7	0	0.00	0.0	0.0
1388+50.00	50	8887	17444.00	16151.9	84330.6	0	0.00	0.0	0.0
1389+00.00	50	8983	17870.00	16546.3	100876.9	0	0.00	0.0	0.0
1389+50.00	50	8898	17881.00	16556.5	117433.3	0	0.00	0.0	0.0
1390+00.00	50	8089	16987.00	15728.7	133162.0	0	0.00	0.0	0.0
1390+50.00	50	7865	15954.00	14772.2	147934.3	0	0.00	0.0	0.0
	50		13817.00	12793.5	160727.8		0.00	0.0	0.0

STATE ROUTE 28 (ROCK)

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.15

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
1391+00.00		5952				0			
1391+50.00	50	3958	9910.00	9175.9	169903.7	0	0.00	0.0	0.0
1392+00.00	50	3475	7433.00	6882.4	176786.1	0	0.00	0.0	0.0
1392+50.00	50	3601	7076.00	6551.9	183338.0	0	0.00	0.0	0.0
1393+00.00	50	3518	7119.00	6591.7	189929.6	0	0.00	0.0	0.0
1393+50.00	50	3108	6626.00	6135.2	196064.8	0	0.00	0.0	0.0
1394+00.00		2080	5188.00	4803.7	200868.5	0	0.00	0.0	0.0
1394+50.00	50	515	2595.00	2402.8	203271.3	0	0.00	0.0	0.0
SUBTOTAL					203271				0

TOTAL 223687 C.Y.

TOTAL 0 C.Y.

Total Embankment = 0

Total Excavation = 223687

Total Borrow = NA

Total Waste = 223687

BUYERS

PROJECT #: 090019 PROJECT DESCRIPTION: BYERS

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
211+00.00		12				0			
	25		37.00	17.1	17.1		0.00	0.0	0.0
211+25.00		25				0			
	25		71.00	32.9	50.0		0.00	0.0	0.0
211+50.00		46				0			
	25		105.00	48.6	98.6		0.00	0.0	0.0
211+75.00		59				0			
	25		108.00	50.0	148.6		0.00	0.0	0.0
212+00.00		49				0			
	25		75.00	34.7	183.3		5.00	2.3	2.3
212+25.00		26				5			
	25		31.00	14.4	197.7		34.00	15.7	18.1
212+50.00		5				29			
	25		5.00	2.3	200.0		106.00	49.1	67.1
212+75.00		0				77			
	25		0.00	0.0	200.0		197.00	91.2	158.3
213+00.00		0				120			
	25		1.00	0.5	200.5		249.00	115.3	273.6
213+25.00		1				129			
	25		3.00	1.4	201.9		231.00	106.9	380.6
213+50.00		2				102			
	25		10.00	4.6	206.5		169.00	78.2	458.8
213+75.00		8				67			
	25		28.00	13.0	219.4		113.00	52.3	511.1
214+00.00		20				46			
	25		44.00	20.4	239.8		91.00	42.1	553.2
214+25.00		24				45			
	25		48.00	22.2	262.0		86.00	39.8	593.1
214+50.00		24				41			
	25		46.00	21.3	283.3		84.00	38.9	631.9
214+75.00		22				43			
	25		36.00	16.7	300.0		91.00	42.1	674.1
215+00.00		14				48			
	25		26.00	12.0	312.0		99.00	45.8	719.9
215+25.00		12				51			
	25		12.00	5.6	317.6		138.00	63.9	783.8
215+50.00		0				87			

TOTAL 318 C.Y.

TOTAL 784 C.Y.

BUYERS

PROJECT #: 090019 PROJECT DESCRIPTION: BYERS

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026
SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL

Total Embankment = 784

Total Excavation = 318

Total Borrow = 545

Total Waste = NA

CLEAR CREEK

PROJECT #: 090019 PROJECT DESCRIPTION: CLEAR CREEK

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
275+52.65	22.35	25	74.00	30.6	30.6	0	0.00	0.0	0.0
275+75.00	25	49	132.00	61.1	91.7	0	0.00	0.0	0.0
276+00.00	25	83	197.00	91.2	182.9	0	0.00	0.0	0.0
276+25.00	25	114	265.00	122.7	305.6	0	0.00	0.0	0.0
276+50.00	25	151	335.00	155.1	460.7	0	0.00	0.0	0.0
276+75.00	25	184	384.00	177.8	638.5	0	0.00	0.0	0.0
277+00.00	25	200	393.00	181.9	820.4	0	0.00	0.0	0.0
277+25.00	25	193	385.00	178.2	998.7	0	0.00	0.0	0.0
277+50.00	25	192	389.00	180.1	1178.8	0	0.00	0.0	0.0
277+75.00	25	197	480.00	222.2	1401.0	0	0.00	0.0	0.0
278+00.00	25	283	440.00	203.7	1604.7	0	0.00	0.0	0.0
278+25.00	25	157	304.00	140.7	1745.4	0	0.00	0.0	0.0
278+50.00		147				0			

TOTAL 1745 C.Y.

TOTAL 0 C.Y.

Total Embankment = 0

Total Excavation = 1745

Total Borrow = NA

Total Waste = 1745

CONLEY

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: SEPT 2019 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
290+75.00		285.00				0.00			
291+00.00	25	250.00	535.00	247.7	247.7	0.00	0.00	0.0	0.0
291+25.00	25	251.00	501.00	231.9	479.6	0.00	0.00	0.0	0.0
291+50.00	25	213.00	464.00	214.8	694.4	0.00	0.00	0.0	0.0
291+75.00	25	149.00	362.00	167.6	862.0	0.00	0.00	0.0	0.0
292+00.00	25	90.00	239.00	110.6	972.7	0.00	0.00	0.0	0.0
292+25.00	25	42.00	132.00	61.1	1033.8	0.00	0.00	0.0	0.0
292+50.00	25	12.00	54.00	25.0	1058.8	0.00	0.00	0.0	0.0

TOTAL 1059 C.Y.

TOTAL 0 C.Y.

Total Embankment = 0

Total Excavation = 1059

Total Borrow = NA

Total Waste = 1059

DETOUR 1

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: SEPT 2019 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
20+00.00		88.00				31.00			
20+50.00	50	96.00	184.00	170.4	170.4		63.00	58.3	58.3
21+00.00	50	97.00	193.00	178.7	349.1	32.00	64.00	59.3	117.6
21+50.00	50	102.00	199.00	184.3	533.3	32.00	64.00	59.3	176.9
22+00.00	50	107.00	209.00	193.5	726.9	32.00	64.00	59.3	236.1
22+50.00	50	112.00	219.00	202.8	929.6	32.00	64.00	59.3	295.4
23+00.00	50	116.00	228.00	211.1	1140.7	32.00	64.00	59.3	354.6
23+50.00	50	97.00	213.00	197.2	1338.0	31.00	63.00	58.3	413.0
24+00.00	50	63.00	160.00	148.1	1486.1	27.00	58.00	53.7	466.7
24+50.00	50	39.00	102.00	94.4	1580.6	22.00	49.00	45.4	512.0
25+00.00	50	41.00	80.00	74.1	1654.6	16.00	38.00	35.2	547.2
25+50.00	50	45.00	86.00	79.6	1734.3	8.00	24.00	22.2	569.4
26+00.00	50	55.00	100.00	92.6	1826.9	5.00	13.00	12.0	581.5
26+50.00	50	68.00	123.00	113.9	1940.7	7.00	12.00	11.1	592.6
26+90.97	40.97	79.00	147.00	111.5	2052.3	1.00	8.00	6.1	598.7

TOTAL 2052 C.Y.

TOTAL 599 C.Y.

Total Embankment = 599

Total Excavation = 2052

Total Borrow = NA

Total Waste = 1394

DETOUR 2

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: SEPT 2019 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
30+00.00		8.00				14.00			
	50		13.00	12.0	12.0		37.00	34.3	34.3
30+50.00		5.00				23.00			
	50		10.00	9.3	21.3		44.00	40.7	75.0
31+00.00		5.00				21.00			
	50		10.00	9.3	30.6		54.00	50.0	125.0
31+50.00		5.00				33.00			
	50		10.00	9.3	39.8		54.00	50.0	175.0
32+00.00		5.00				21.00			
	50		24.00	22.2	62.0		26.00	24.1	199.1
32+50.00		19.00				5.00			
	50		50.00	46.3	108.3		13.00	12.0	211.1
33+00.00		31.00				8.00			
	50		32.00	29.6	138.0		31.00	28.7	239.8
33+50.00		1.00				23.00			
	50		1.00	0.9	138.9		66.00	61.1	300.9
34+00.00		0.00				43.00			
	50		2.00	1.9	140.7		123.00	113.9	414.8
34+50.00		2.00				80.00			
	50		7.00	6.5	147.2		177.00	163.9	578.7
35+00.00		5.00				97.00			
	50		16.00	14.8	162.0		187.00	173.1	751.9
35+50.00		11.00				90.00			
	50		27.00	25.0	187.0		163.00	150.9	902.8
36+00.00		16.00				73.00			
	50		45.00	41.7	228.7		123.00	113.9	1016.7
36+50.00		29.00				50.00			
	50		97.00	89.8	318.5		74.00	68.5	1085.2
37+00.00		68.00				24.00			
	50		147.00	136.1	454.6		34.00	31.5	1116.7
37+50.00		79.00				10.00			
	50		152.00	140.7	595.4		12.00	11.1	1127.8
38+00.00		73.00				2.00			
	50		126.00	116.7	712.0		2.00	1.9	1129.6
38+50.00		53.00				0.00			
	50		106.00	98.1	810.2		0.00	0.0	1129.6
39+00.00		53.00				0.00			
	50		99.00	91.7	901.9		0.00	0.0	1129.6
39+50.00		46.00				0.00			
	50		92.00	4.3	906.1		0.00	0.0	1129.6
39+52.50	2.5	46.00				0.00			

DETOUR 2

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: SEPT 2019 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL

TOTAL 906 C.Y.

TOTAL 1130 C.Y.

Total Embankment = 1130

Total Excavation = 906

Total Borrow = 336

Total Waste = NA

DETOUR 3

PROJECT #: 090019 PROJECT DESCRIPTION: DETOUR 3

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
41+67.18	32.82	42	96.00	58.3	58.3	0	0.00	0.0	0.0
42+00.00	50	54	124.00	114.8	173.2	0	0.00	0.0	0.0
42+50.00	50	70	131.00	121.3	294.5	0	0.00	0.0	0.0
43+00.00	50	61	113.00	104.6	399.1	0	3.00	2.8	2.8
43+50.00	50	52	110.00	101.9	500.9	3	8.00	7.4	10.2
44+00.00	50	58	113.00	104.6	605.6	5	35.00	32.4	42.6
44+50.00	50	55	85.00	78.7	684.3	30	88.00	81.5	124.1
45+00.00	50	30	36.00	33.3	717.6	58	131.00	121.3	245.4
45+50.00	50	6	18.00	16.7	734.3	73	98.00	90.7	336.1
46+00.00	50	12	84.00	77.8	812.1	25	56.00	51.9	388.0
46+50.00	50	72	108.00	100.0	912.1	31	37.00	34.3	422.2
47+00.00	50	36	62.00	57.4	969.5	6	23.00	21.3	443.5
47+50.00	50	26	46.00	42.6	1012.1	17	47.00	43.5	487.0
48+00.00	50	20	38.00	35.2	1047.2	30	69.00	63.9	550.9
48+50.00	50	18	33.00	30.6	1077.8	39	82.00	75.9	626.9
49+00.00	50	15	29.00	26.9	1104.6	43	87.00	80.6	707.4
49+50.00	50	14	27.00	25.0	1129.6	44	89.00	82.4	789.8
50+00.00	50	13	27.00	25.0	1154.6	45	89.00	82.4	872.2
50+50.00	50	14	29.00	26.9	1181.5	44	86.00	79.6	951.9
51+00.00	50	15	32.00	29.6	1211.1	42	80.00	74.1	1025.9
51+50.00	50	17	32.00	29.6	1240.8	38	71.00	65.7	1091.7

DETOUR 3

PROJECT #: 090019 PROJECT DESCRIPTION: DETOUR 3

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
52+00.00		15				33			
52+50.00	50	7	22.00	20.4	1261.1	35	68.00	63.0	1154.6
53+00.00	50	0	7.00	6.5	1267.6	39	74.00	68.5	1223.1
53+50.00	50	0	0.00	0.0	1267.6	52	91.00	84.3	1307.4
54+00.00	50	0	0.00	0.0	1267.6	83	135.00	125.0	1432.4
54+50.00	50	0	0.00	0.0	1267.6	98	181.00	167.6	1600.0
55+00.00	50	2	2.00	1.9	1269.5	75	173.00	160.2	1760.2
55+50.00	50	9	11.00	10.2	1279.6	67	142.00	131.5	1891.7
56+00.00	50	17	26.00	24.1	1303.7	98	165.00	152.8	2044.4
56+50.00	50	26	43.00	39.8	1343.5	79	177.00	163.9	2208.3
57+00.00	50	35	61.00	56.5	1400.0	59	138.00	127.8	2336.1
57+50.00	50	42	77.00	71.3	1471.3	89	148.00	137.0	2473.1
58+00.00	50	45	87.00	80.6	1551.9	49	138.00	127.8	2600.9
58+50.00	50	51	96.00	88.9	1640.8	9	58.00	53.7	2654.6
59+00.00	50	65	116.00	107.4	1748.2	0	9.00	8.3	2663.0
59+50.00	50	72	137.00	126.9	1875.0	0	0.00	0.0	2663.0
60+00.00	50	69	141.00	130.6	2005.6	0	0.00	0.0	2663.0
60+50.00	50	67	136.00	125.9	2131.5	0	0.00	0.0	2663.0
61+00.00	50	67	134.00	124.1	2255.6	0	0.00	0.0	2663.0
	50		135.00	125.0	2380.6		0.00	0.0	2663.0

DETOUR 3

PROJECT #: 090019 PROJECT DESCRIPTION: DETOUR 3

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
61+50.00	50	68	137.00	126.9	2507.4	0	0.00	0.0	2663.0
62+00.00	14.4	69	139.00	37.1	2544.5	0	0.00	0.0	2663.0
62+14.40		70				0			

TOTAL 2544 C.Y.

TOTAL 2663 C.Y.

Total Embankment = 2663

Total Excavation = 2544

Total Borrow = 385

Total Waste = NA

GOSS

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: SEPT 2019 CHKD BY: DS

DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
240+50.00	25	317	692	320	320	0	0	0	0
240+75.00	25	375	908	420	741	0	0	0	0
241+00.00	25	533	1297	600	1341	0	0	0	0
241+25.00	25	764	1588	735	2076	0	0	0	0
241+50.00	25	824	1256	581	2658	0	0	0	0
241+75.00	25	432	893	413	3071	0	0	0	0
242+00.00	25	461	960	444	3516	0	0	0	0
242+25.00	25	499	1304	604	4119	0	0	0	0
242+50.00	25	805	1594	738	4857	0	0	0	0
242+75.00	25	789	1531	709	5566	0	0	0	0
243+00.00	25	742	1446	669	6236	0	0	0	0
243+25.00	25	704	1359	629	6865	0	0	0	0
243+50.00	25	655	1249	578	7443	0	0	0	0
243+75.00	25	594	1172	543	7986	0	0	0	0
244+00.00	25	578	1079	500	8485	0	0	0	0
244+25.00	25	501	897	415	8900	0	0	0	0
244+50.00	25	396	677	313	9214	0	0	0	0
244+75.00	25	281	465	215	9429	0	0	0	0
245+00.00	25	184	295	137	9566	0	0	0	0
245+25.00	25	111	187	87	9652	0	0	0	0
245+50.00	25	76	130	60	9713	0	0	0	0
245+75.00	20	54	94	35	9747	0	0	0	0

GOSS

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: SEPT 2019 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
245+95.00		40				0			

TOTAL 9747 C.Y.

TOTAL 0 C.Y.

Total Embankment = 0

Total Excavation = 9747

Total Borrow = NA

Total Waste = 9747

HOLLOW

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: SEPT 2019 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
310+75.00		978.00				0.00			
	25		1908.00	883.3	883.3		0.00	0.0	0.0
311+00.00		930.00				0.00			
	25		1746.00	808.3	1691.7		0.00	0.0	0.0
311+25.00		816.00				0.00			
	25		1651.00	764.4	2456.0		0.00	0.0	0.0
311+50.00		835.00				0.00			
	25		1557.00	720.8	3176.9		0.00	0.0	0.0
311+75.00		722.00				0.00			
	25		1344.00	622.2	3799.1		0.00	0.0	0.0
312+00.00		622.00				0.00			
	25		1087.00	503.2	4302.3		0.00	0.0	0.0
312+25.00		465.00				0.00			
	25		786.00	363.9	4666.2		0.00	0.0	0.0
312+50.00		321.00				0.00			
	25		523.00	242.1	4908.3		0.00	0.0	0.0
312+75.00		202.00				0.00			
	25		329.00	152.3	5060.6		0.00	0.0	0.0
313+00.00		127.00				0.00			
	25		187.00	86.6	5147.2		0.00	0.0	0.0
313+25.00		60.00				0.00			
	20.74		77.00	29.6	5176.8		0.00	0.0	0.0
313+45.74		17.00				0.00			

TOTAL 5177 C.Y.

TOTAL 0 C.Y.

Total Embankment = 0

Total Excavation = 5177

Total Borrow = NA

Total Waste = 5177

MAYFAIR

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: SEPT 2019 CHKD BY: DS DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
180+75.00		3.00				42.00			
	25		3.00	1.4	1.4		106.00	49.1	49.1
181+00.00		0.00				64.00			
	25		0.00	0.0	1.4		153.00	70.8	119.9
181+25.00		0.00				89.00			
	25		0.00	0.0	1.4		253.00	117.1	237.0
181+50.00		0.00				164.00			
	25		0.00	0.0	1.4		410.00	189.8	426.9
181+75.00		0.00				246.00			
	25		0.00	0.0	1.4		587.00	271.8	698.6
182+00.00		0.00				341.00			
	25		0.00	0.0	1.4		710.00	328.7	1027.3
182+25.00		0.00				369.00			
	25		0.00	0.0	1.4		703.00	325.5	1352.8
182+50.00		0.00				334.00			
	25		0.00	0.0	1.4		596.00	275.9	1628.7
182+75.00		0.00				262.00			
	25		0.00	0.0	1.4		401.00	185.6	1814.4
183+00.00		0.00				139.00			
	25		1.00	0.5	1.9		190.00	88.0	1902.3
183+25.00		1.00				51.00			
	25		16.00	7.4	9.3		59.00	27.3	1929.6
183+50.00		15.00				8.00			
	25		62.00	28.7	38.0		8.00	3.7	1933.3
183+75.00		47.00				0.00			
	25		61.00	28.2	66.2		0.00	0.0	1933.3
184+00.00		14.00				0.00			

TOTAL

66 C.Y.

TOTAL

1933 C.Y.

Total Embankment = 1933

Total Excavation = 66

Total Borrow = 2060

Total Waste = NA

OLD SR 28 SOUTH

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
300+25.00		802.00				0.00			
	25		1545.00	715.3	715.3		0.00	0.0	0.0
300+50.00		743.00				0.00			
	25		1482.00	686.1	1401.4		0.00	0.0	0.0
300+75.00		739.00				0.00			
	25		1469.00	680.1	2081.5		0.00	0.0	0.0
301+00.00		730.00				0.00			
	25		1424.00	659.3	2740.7		0.00	0.0	0.0
301+25.00		694.00				0.00			
	25		1393.00	644.9	3385.6		0.00	0.0	0.0
301+50.00		699.00				0.00			
	25		1434.00	663.9	4049.5		0.00	0.0	0.0
301+75.00		735.00				0.00			
	25		1433.00	663.4	4713.0		0.00	0.0	0.0
302+00.00		698.00				0.00			
	25		1360.00	629.6	5342.6		0.00	0.0	0.0
302+25.00		662.00				0.00			
	25		1266.00	586.1	5928.7		0.00	0.0	0.0
302+50.00		604.00				0.00			
	25		1157.00	535.6	6464.4		0.00	0.0	0.0
302+75.00		553.00				0.00			
	25		1056.00	488.9	6953.2		0.00	0.0	0.0
303+00.00		503.00				0.00			
	25		924.00	427.8	7381.0		0.00	0.0	0.0
303+25.00		421.00				0.00			
	25		810.00	375.0	7756.0		0.00	0.0	0.0
303+50.00		389.00				0.00			
	25		660.00	305.6	8061.6		0.00	0.0	0.0
303+75.00		271.00				0.00			
	25		443.00	205.1	8266.7		0.00	0.0	0.0
304+00.00		172.00				0.00			
	25		282.00	130.6	8397.2		0.00	0.0	0.0
304+25.00		110.00				0.00			
	25		182.00	84.3	8481.5		0.00	0.0	0.0
304+50.00		72.00				0.00			
	25		140.00	64.8	8546.3		0.00	0.0	0.0
304+75.00		68.00				0.00			
	25		100.00	46.3	8592.6		0.00	0.0	0.0
305+00.00		32.00				0.00			

8593 C.Y.

TOTAL

0 C.Y.

OLD SR 28 SOUTH

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: DS DATE: 5/20/2026
SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL

Total Embankment = 0

Total Excavation = 8593

Total Borrow = NA

Total Waste = 8593

OLD SR28 EAST

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	UMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
330+50.00	25	415.00	525.00	243.1	243.1	0.00	0.00	0.0	0.0
330+75.00	25	110.00	193.00	89.4	332.4	0.00	0.00	0.0	0.0
331+00.00	25	83.00	165.00	76.4	408.8	0.00	0.00	0.0	0.0
331+25.00	25	82.00	154.00	71.3	480.1	0.00	0.00	0.0	0.0
331+50.00	25	72.00	112.00	51.9	531.9	0.00	0.00	0.0	0.0
331+75.00	5	40.00	74.00	6.9	538.8	0.00	0.00	0.0	0.0
331+80.00	20	34.00	48.00	17.8	556.6	0.00	0.00	0.0	0.0
332+00.00	25	14.00	17.00	7.9	564.4	0.00	0.00	0.0	0.0
332+25.00		3.00				0.00			

TOTAL 564 C.Y.

TOTAL 0 C.Y.

Total Embankment = 0

Total Excavation = 564

Total Borrow = NA

Total Waste = 564

OLD SR28 WEST

PROJECT #: 090019 PROJECT DESCRIPTION: OLD SR-28 West

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
320+15.08	9.92	30	60.00	11.0	11.0	0	2.00	0.4	0.4
320+25.00	25	30	81.00	37.5	48.5	2	2.00	0.9	1.3
320+50.00	25	51	174.00	80.6	129.1	0	0.00	0.0	1.3
320+75.00	25	123	344.00	159.3	288.3	0	0.00	0.0	1.3
321+00.00	25	221	587.00	271.8	560.1	0	0.00	0.0	1.3
321+25.00	25	366	847.00	392.1	952.2	0	0.00	0.0	1.3
321+50.00	25	481	1138.00	526.9	1479.1	0	0.00	0.0	1.3
321+75.00	25	657	1491.00	690.3	2169.4	0	0.00	0.0	1.3
322+00.00	25	834	1854.00	858.3	3027.7	0	0.00	0.0	1.3
322+25.00	25	1020	2028.00	938.9	3966.6	0	0.00	0.0	1.3
322+50.00	25	1008	1863.00	862.5	4829.1	0	0.00	0.0	1.3
322+75.00	25	855	1535.00	710.6	5539.7	0	0.00	0.0	1.3
323+00.00	25	680	1130.00	523.1	6062.9	0	0.00	0.0	1.3
323+25.00	25	450	853.00	394.9	6457.8	0	0.00	0.0	1.3
323+50.00	25	403	787.00	364.4	6822.1	0	0.00	0.0	1.3
323+75.00	25	384	868.00	401.9	7224.0	0	0.00	0.0	1.3
324+00.00	25	484	1016.00	470.4	7694.4	0	0.00	0.0	1.3
324+25.00	25	532	1143.00	529.2	8223.5	0	0.00	0.0	1.3
324+50.00		611				0			

OLD SR28 WEST

PROJECT #: 090019 PROJECT DESCRIPTION: OLD SR-28 West

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: 5/20/2026
SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	UMULATIV TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL

TOTAL 8224 C.Y.

TOTAL 1 C.Y.

Total Embankment = 1

Total Excavation = 8224

Total Borrow = NA

Total Waste = 8222

PRYOR

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL

DATE: JULY 2019

CHKD BY: DS

DATE: 5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
260+16.95		19.00				0.00			
	8.05		39.00	5.8	5.8		0.00	0.0	0.0
260+25.00		20.00				0.00			
	25		148.00	68.5	74.3		0.00	0.0	0.0
260+50.00		128.00				0.00			
	25		299.00	138.4	212.8		0.00	0.0	0.0
260+75.00		171.00				0.00			
	25		414.00	191.7	404.4		0.00	0.0	0.0
261+00.00		243.00				0.00			
	25		559.00	258.8	663.2		0.00	0.0	0.0
261+25.00		316.00				0.00			
	25		763.00	353.2	1016.5		0.00	0.0	0.0
261+50.00		447.00				0.00			
	25		948.00	438.9	1455.4		0.00	0.0	0.0
261+75.00		501.00				0.00			
	25		1104.00	511.1	1966.5		0.00	0.0	0.0
262+00.00		603.00				0.00			
	25		1307.00	605.1	2571.6		0.00	0.0	0.0
262+25.00		704.00				0.00			
	25		1545.00	715.3	3286.8		0.00	0.0	0.0
262+50.00		841.00				0.00			
	25		1865.00	863.4	4150.3		0.00	0.0	0.0
262+75.00		1024.00				0.00			
	25		2267.00	1049.5	5199.8		0.00	0.0	0.0
263+00.00		1243.00				0.00			
	25		2668.00	1235.2	6435.0		0.00	0.0	0.0
263+25.00		1425.00				0.00			
	25		2961.00	1370.8	7805.8		0.00	0.0	0.0
263+50.00		1536.00				0.00			
	25		3088.00	1429.6	9235.4		0.00	0.0	0.0
263+75.00		1552.00				0.00			
	25		3209.00	1485.6	10721.1		0.00	0.0	0.0
264+00.00		1657.00				0.00			
	25		3432.00	1588.9	12310.0		0.00	0.0	0.0
264+25.00		1775.00				0.00			
	25		3682.00	1704.6	14014.6		0.00	0.0	0.0
264+50.00		1907.00				0.00			
	25		3724.00	1724.1	15738.7		0.00	0.0	0.0
264+75.00		1817.00				0.00			
	25		3042.00	1408.3	17147.0		0.00	0.0	0.0
265+00.00		1225.00				0.00			

PRYOR

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
265+25.00	25	1293.00	2518.00	1165.7	18312.8	0.00	0.00	0.0	0.0

18313 C.Y.

TOTAL

0 C.Y.

Total Embankment = 0

Total Excavation = 18313

Total Borrow = NA

Total Waste = 18313

RECTOR

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
231+65.00	10	24.00	63.00	11.7	11.7	0.00	0.00	0.0	0.0
231+75.00	25	39.00	125.00	57.9	69.5	0.00	0.00	0.0	0.0
232+00.00	25	86.00	158.00	73.1	142.7	0.00	0.00	0.0	0.0
232+25.00	25	72.00	125.00	57.9	200.6	0.00	1.00	0.5	0.5
232+50.00	25	53.00	89.00	41.2	241.8	1.00	3.00	1.4	1.9
232+75.00	25	36.00	55.00	25.5	267.2	2.00	8.00	3.7	5.6
233+00.00	25	19.00	58.00	26.9	294.1	6.00	15.00	6.9	12.5
233+25.00		39.00				9.00			

294 C.Y.

TOTAL

13 C.Y.

Total Embankment = 13

Total Excavation = 294

Total Borrow = NA

Total Waste = 280

SOUTHBOUND TRANSITION LEFT

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
10+00.00		57.00				0.00			
	50		109.00	100.9	100.9		0.00	0.0	0.0
10+50.00		52.00				0.00			
	50		107.00	99.1	200.0		0.00	0.0	0.0
11+00.00		55.00				0.00			
	50		102.00	94.4	294.4	4.00	4.00	3.7	3.7
11+50.00		47.00				4.00			
	50		89.00	82.4	376.9	4.00	4.00	3.7	7.4
12+00.00		42.00				0.00			
	50		62.00	57.4	434.3	0.00	0.00	0.0	7.4
12+50.00		20.00				0.00			
	50		31.00	28.7	463.0	8.00	8.00	7.4	14.8
13+00.00		11.00				8.00			
	50		19.00	17.6	480.6	32.00	32.00	29.6	44.4
13+50.00		8.00				24.00			
	50		30.00	27.8	508.3	66.00	66.00	61.1	105.6
14+00.00		22.00				42.00			
	50		57.00	52.8	561.1	93.00	93.00	86.1	191.7
14+50.00		35.00				51.00			
	50		95.00	88.0	649.1	98.00	98.00	90.7	282.4
15+00.00		60.00				47.00			
	50		130.00	120.4	769.4	85.00	85.00	78.7	361.1
15+50.00		70.00				38.00			
	50		140.00	129.6	899.1	71.00	71.00	65.7	426.9
16+00.00		70.00				33.00			
	22.9		138.00	58.5	957.6	64.00	64.00	27.1	454.0
16+22.90		68.00				31.00			

958 C.Y.

TOTAL

454 C.Y.

Total Embankment = 454

Total Excavation = 958

Total Borrow = NA

Total Waste = 458

SOUTHBOUND TRANSITION RIGHT

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
10+00.00		53.00				0.00			
	50		95.00	88.0	88.0		0.00	0.0	0.0
10+50.00		42.00				0.00			
	50		72.00	66.7	154.6		1.00	0.9	0.9
11+00.00		30.00				1.00			
	50		49.00	45.4	200.0		2.00	1.9	2.8
11+50.00		19.00				1.00			
	50		43.00	39.8	239.8		1.00	0.9	3.7
12+00.00		24.00				0.00			
	50		51.00	47.2	287.0		0.00	0.0	3.7
12+50.00		27.00				0.00			
	50		54.00	50.0	337.0		0.00	0.0	3.7
13+00.00		27.00				0.00			
	50		51.00	47.2	384.3		0.00	0.0	3.7
13+50.00		23.00				0.00			
	50		47.00	43.5	427.8		0.00	0.0	3.7
14+00.00		24.00				0.00			
	50		44.00	40.7	468.5		0.00	0.0	3.7
14+50.00		23.00				0.00			
	50		38.00	35.2	503.7		0.00	0.0	3.7
15+00.00		21.00				0.00			
	50		31.00	28.7	532.4		0.00	0.0	3.7
15+50.00		17.00				0.00			
	50		33.00	30.6	563.0		0.00	0.0	3.7
16+00.00		14.00				0.00			
	17.36		19.00	6.1	569.1		1.00	0.3	4.0
16+17.36		19.00				1.00			

569 C.Y.

TOTAL

4 C.Y.

Total Embankment = 4

Total Excavation = 569

Total Borrow = NA

Total Waste = 565

STREAM 1

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: DS

DATE:

11/3/25

CHKD BY: DS

DATE:

5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
+0.00		41.45				0.00			
	20		53.51	19.8	19.8		0.00	0.0	0.0
+20.00		12.06				0.00			
	20		38.39	14.2	34.0		0.00	0.0	0.0
+40.00		26.34				0.00			
	20		61.12	22.6	56.7		0.00	0.0	0.0
+60.00		34.78				0.00			
	20		72.22	26.7	83.4		0.00	0.0	0.0
+80.00		37.44				0.00			
	20		76.80	28.4	111.9		0.00	0.0	0.0
1+00.00		39.36				0.00			
	20		74.78	27.7	139.6		0.00	0.0	0.0
1+20.00		35.42				0.00			
	20		57.97	21.5	161.0		0.00	0.0	0.0
1+40.00		22.56				0.00			
	20		34.00	12.6	173.6		0.00	0.0	0.0
1+60.00		11.45				0.00			
	20		18.52	6.9	180.5		0.00	0.0	0.0
1+80.00		7.07				0.00			
	9.13		12.71	2.1	182.6		0.00	0.0	0.0
1+89.13		5.63				0.00			
	0		5.63	0.0	182.6		0.00	0.0	0.0
1+89.13		0.00				0.00			
	64.62		0.00	0.0	182.6		0.00	0.0	0.0
2+53.75		0.00				0.00			
	0		26.06	0.0	182.6		0.00	0.0	0.0
2+53.75		26.06				0.00			
	20		45.94	17.0	199.6		0.00	0.0	0.0
2+73.75		19.88				0.00			
	20		32.36	12.0	211.6		0.00	0.0	0.0
2+93.75		12.48				0.00			
	20		22.46	8.3	220.0		0.00	0.0	0.0
3+13.75		9.98				0.00			
	20		39.89	14.8	234.7		0.00	0.0	0.0
3+33.75		29.91				0.00			
	20		30.35	11.2	246.0		0.00	0.0	0.0
3+53.75		0.44				0.00			
+0.00		0.17							
	10		26.89	5.0	5.0		0.00	0.0	0.0
+10.00		26.72				0.00			
	10		27.53	5.1	10.1		0.00	0.0	0.0

STREAM 1

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: DS

DATE:

11/3/25

CHKD BY: DS

DATE:

5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
+20.00	10	0.82	1.29	0.2	10.3	0.00	0.00	0.0	0.0
+30.00		0.47				0.00			
+37.39		0.13				0.00			
+37.39	7.39		0.60	0.1	10.4		0.00	0.0	0.0
+86.89	10	0.25	0.50	0.1	0.1	0.00	0.00	0.0	0.0
+96.89	10	0.25	0.89	0.2	0.3	0.00	0.00	0.0	0.0
1+06.89	10	0.64	1.42	0.3	0.5	0.00	0.00	0.0	0.0
1+16.89	10	0.78	1.35	0.2	0.8	0.00	0.00	0.0	0.0
1+26.89		0.57				0.00			
+0.00	30	4.53	11.96	6.6	6.6	0.00	0.00	0.0	0.0
+30.00	30	7.43	16.02	8.9	15.5	0.00	0.00	0.0	0.0
+60.00	30	8.58	15.31	8.5	24.0	0.00	0.00	0.0	0.0
+90.00	30	6.73	16.00	8.9	32.9	0.00	0.00	0.0	0.0
1+20.00	30	9.27	20.39	11.3	44.3	0.00	0.00	0.0	0.0
1+50.00	30	11.12	23.48	13.0	57.3	0.00	0.00	0.0	0.0
1+80.00	30	12.36	26.05	14.5	71.8	0.00	0.00	0.0	0.0
2+10.00	30	13.69	29.14	16.2	88.0	0.00	0.00	0.0	0.0
2+40.00	30	15.44	30.75	17.1	105.1	0.00	0.00	0.0	0.0
2+70.00	30	15.31	23.59	13.1	118.2	0.00	0.00	0.0	0.0
3+00.00	21.94	8.29	14.52	5.9	124.1	0.00	0.00	0.0	0.0
3+21.94		6.24				0.00			
4+02.94	20	8.32	14.83	5.5	5.5	0.00	0.00	0.0	0.0
4+22.94		6.51				0.00			

STREAM 1

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: DS

DATE:

11/3/25

CHKD BY: DS

DATE:

5/20/2026

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
4+42.94	20	12.44	18.95	7.0	12.5	0.00	0.00	0.0	0.0
4+62.94	20	10.75	23.19	8.6	21.1	0.00	0.00	0.0	0.0
4+82.94	20	12.07	22.82	8.5	29.6	0.00	0.00	0.0	0.0
5+02.94	20	28.71	40.79	15.1	44.7	0.00	0.00	0.0	0.0

426 C.Y.

TOTAL

0 C.Y.

Total Embankment = 0

Total Excavation = 426

Total Borrow = NA

Total Waste = 426

STREAM 7

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
1+00.00		269.35				0.00			
	25		350.78	162.4	162.4		0.00	0.0	0.0
1+25.00		81.43				0.00			
	25		97.93	45.3	207.7		0.00	0.0	0.0
1+50.00		16.50				0.00			
	25		99.83	46.2	254.0		0.00	0.0	0.0
1+75.00		83.33				0.00			
	25		289.14	133.9	387.8		0.00	0.0	0.0
2+00.00		205.81				0.00			
	25		595.19	275.5	663.4		0.00	0.0	0.0
2+25.00		389.38				0.00			
	25		873.23	404.3	1067.6		0.00	0.0	0.0
2+50.00		483.85				0.00			
	21.14		1048.29	410.4	1478.0		0.00	0.0	0.0
2+71.14		564.44				0.00			
1+00.00		331.57				0.00			
	25		596.54	276.2	276.2		0.00	0.0	0.0
1+25.00		264.97				0.00			
	25		493.27	228.4	504.5		0.00	0.0	0.0
1+50.00		228.30				0.00			
	25		484.02	224.1	728.6		0.00	0.0	0.0
1+75.00		255.72				0.00			
	25		639.86	296.2	1024.9		0.00	0.0	0.0
2+00.00		384.14				0.00			
	25		911.89	422.2	1447.0		0.00	0.0	0.0
2+25.00		527.75				0.00			
	25		1152.06	533.4	1980.4		0.00	0.0	0.0
2+50.00		624.31				0.00			
	25		1305.37	604.3	2584.7		0.00	0.0	0.0
2+75.00		681.06				0.00			
	25		1427.45	660.9	3245.6		0.00	0.0	0.0
3+00.00		746.39				0.00			
	25		1527.84	707.3	3952.9		0.00	0.0	0.0
3+25.00		781.45				0.00			
	25		1562.10	723.2	4676.1		0.00	0.0	0.0
3+50.00		780.65				0.00			
	25		1522.87	705.0	5381.1		0.00	0.0	0.0
3+75.00		742.23				0.00			
	25		1454.63	673.4	6054.6		0.00	0.0	0.0
4+00.00		712.40				0.00			

STREAM 7

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
4+25.00	25	686.54	1398.95	647.7	6702.2	0.00	0.00	0.0	0.0
4+50.00	25	659.19	1345.73	623.0	7325.3	0.00	0.00	0.0	0.0

8803 C.Y.

TOTAL

0 C.Y.

Total Embankment = 0

Total Excavation = 8803

Total Borrow = NA

Total Waste = 8803

STREAM 12

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: DS DATE: 5/20/2026
 SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
+69.62		0.00				0.00			
	20		0.92	0.3	0.3		0.00	0.0	0.0
+89.62		0.92				0.00			
	20		118.22	43.8	44.1		0.00	0.0	0.0
1+09.62		117.29				0.00			
	20		426.54	158.0	202.1		0.00	0.0	0.0
1+29.62		309.25				0.00			
	20		747.99	277.0	479.1		0.00	0.0	0.0
1+49.62		438.74				0.00			
	20		946.52	350.6	829.7		0.00	0.0	0.0
1+69.62		507.77				0.00			
	20		922.18	341.5	1171.2		0.00	0.0	0.0
1+89.62		414.40				0.00			
	20		667.96	247.4	1418.6		0.00	0.0	0.0
2+09.62		253.55				0.00			
	16.89		392.61	122.8	1541.4		0.00	0.0	0.0
2+26.51		139.05				0.00			
4+22.07		17.08							
	20		30.11	11.2	11.2		0.00	0.0	0.0
4+42.07		13.03				0.00			
	20		20.07	7.4	18.6		0.00	0.0	0.0
4+62.07		7.04				0.00			
	20		12.26	4.5	23.1		0.00	0.0	0.0
4+82.07		5.22				0.00			
	20		14.39	5.3	28.5		0.00	0.0	0.0
5+02.07		9.16				0.00			
	20		10.69	4.0	32.4		0.00	0.0	0.0
5+22.07		1.53				0.00			
	13.09		2.03	0.5	32.9		0.00	0.0	0.0
5+35.16		0.50				0.00			

1574 C.Y.

TOTAL

0 C.Y.

Total Embankment = 0

Total Excavation = 1574

Total Borrow = NA

STREAM 12

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: DS DATE: 5/20/2026
SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL

Total Waste = 1574

HAUL ROADS

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: v

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
10+00.00		402				70			
	20		752.00	278.5	278.5		147.00	54.4	54.4
10+20.00		350				77			
	20		609.00	225.6	504.1		160.00	59.3	113.7
10+40.00		259				83			
	20		403.00	149.3	653.3		200.00	74.1	187.8
10+60.00		144				117			
	19.41		164.00	58.9	712.3		267.00	96.0	283.7
10+79.41		20				150			
	0.59		20.00	0.2	712.5		193.00	2.1	285.9
10+80.00		0				43			
	20		0.00	0.0	712.5		135.00	50.0	335.9
11+00.00		0				92			
	20		0.00	0.0	712.5		295.00	109.3	445.1
11+20.00		0				203			
	20		0.00	0.0	712.5		613.00	227.0	672.2
11+40.00		0				410			
	20		0.00	0.0	712.5		1071.00	396.7	1068.8
11+60.00		0				661			
	20		0.00	0.0	712.5		1507.00	558.1	1627.0
11+80.00		0				846			
	20		0.00	0.0	712.5		1432.00	530.4	2157.3
12+00.00		0				586			
	20		0.00	0.0	712.5		1217.00	450.7	2608.1
12+20.00		0				631			
	20		0.00	0.0	712.5		848.00	314.1	2922.2
12+40.00		0				217			
	20		171.00	63.3	775.8		217.00	80.4	3002.5
12+60.00		171				0			
	20		749.00	277.4	1053.2		0.00	0.0	3002.5
12+80.00		578				0			
	20		1643.00	608.5	1661.8		0.00	0.0	3002.5
13+00.00		1065				0			
	20		2458.00	910.4	2572.1		0.00	0.0	3002.5
13+20.00		1393				0			
	20		2888.00	1069.6	3641.8		0.00	0.0	3002.5
13+40.00		1495				0			

HAUL ROADS

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: v

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
	20		2937.00	1087.8	4729.5		0.00	0.0	3002.5
13+60.00		1442				0			
	20		2714.00	1005.2	5734.7		0.00	0.0	3002.5
13+80.00		1272				0			
	20		2320.00	859.3	6594.0		0.00	0.0	3002.5
14+00.00		1048				0			
	20		1888.00	699.3	7293.2		0.00	0.0	3002.5
14+20.00		840				0			
	20		1507.00	558.1	7851.4		0.00	0.0	3002.5
14+40.00		667				0			
	20		1203.00	445.6	8296.9		0.00	0.0	3002.5
14+60.00		536				0			
	20		980.00	363.0	8659.9		0.00	0.0	3002.5
14+80.00		444				0			
	20		891.00	330.0	8989.9		0.00	0.0	3002.5
15+00.00		447				0			
	20		826.00	305.9	9295.8		0.00	0.0	3002.5
15+20.00		379				0			
	20		689.00	255.2	9551.0		0.00	0.0	3002.5
15+40.00		310				0			
	20		530.00	196.3	9747.3		0.00	0.0	3002.5
15+60.00		220				0			
	20		367.00	135.9	9883.2		0.00	0.0	3002.5
15+80.00		147				0			
	20		237.00	87.8	9971.0		0.00	0.0	3002.5
16+00.00		90				0			
	20		146.00	54.1	10025.1		0.00	0.0	3002.5
16+20.00		56				0			
	20		86.00	31.9	10056.9		0.00	0.0	3002.5
16+40.00		30				0			
	20		50.00	18.5	10075.5		0.00	0.0	3002.5
16+60.00		20				0			
	20		41.00	15.2	10090.6		0.00	0.0	3002.5
16+80.00		21				0			
	20		45.00	16.7	10107.3		0.00	0.0	3002.5
17+00.00		24				0			

HAUL ROADS

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: v

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
25+00.00	20	680	1504.00	557.0	557.0	55	87.00	32.2	32.2
25+20.00	20	824	896.00	331.9	888.9	32	90.00	33.3	65.6
25+40.00	20	72	558.00	206.7	1095.6	58	172.00	63.7	129.3
25+60.00	20	486	859.00	318.1	1413.7	114	245.00	90.7	220.0
25+80.00	20	373	687.00	254.4	1668.1	131	242.00	89.6	309.6
26+00.00	20	314	576.00	213.3	1881.5	111	216.00	80.0	389.6
26+20.00	20	262	404.00	149.6	2031.1	105	197.00	73.0	462.6
26+40.00	11.95	142	213.00	47.1	2078.2	92	195.00	43.2	505.7
26+51.95		71				103			
2+00.00	10	27	53.00	9.8	9.8	1	2.00	0.4	0.4
2+10.00	10	26	51.00	9.4	19.3	1	2.00	0.4	0.7
2+20.00	10	25	50.00	9.3	28.5	1	2.00	0.4	1.1
2+30.00	10	25	50.00	9.3	37.8	1	3.00	0.6	1.7
2+40.00	10	25	52.00	9.6	47.4	2	3.00	0.6	2.2
2+50.00	10	27	55.00	10.2	57.6	1	3.00	0.6	2.8
2+60.00		28				2			

HAUL ROADS

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: v

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
2+70.00	10	28	56.00	10.4	68.0	3	5.00	0.9	3.7
2+80.00	10	33	61.00	11.3	79.3	1	4.00	0.7	4.4
2+90.00	10	46	79.00	14.6	93.9	0	1.00	0.2	4.6
3+00.00	10	57	103.00	19.1	113.0	0	0.00	0.0	4.6
3+10.00	10	75	132.00	24.4	137.4	0	0.00	0.0	4.6
3+20.00	10	104	179.00	33.1	170.6	0	0.00	0.0	4.6
3+30.00	10	141	245.00	45.4	215.9	121	121.00	22.4	27.0
3+40.00	10	176	317.00	58.7	274.6	0	121.00	22.4	49.4
3+50.00	10	221	397.00	73.5	348.1	0	0.00	0.0	49.4
3+60.00	10	262	483.00	89.4	437.6	0	0.00	0.0	49.4
3+70.00	10	293	555.00	102.8	540.4	0	0.00	0.0	49.4
3+80.00	10	311	604.00	111.9	652.2	0	0.00	0.0	49.4
3+90.00	10	311	619.00	114.6	766.9	0	0.00	0.0	49.4
4+00.00	10	310	618.00	114.4	881.3	0	0.00	0.0	49.4
4+10.00	10	307	617.00	114.3	995.6	0	0.00	0.0	49.4
4+20.00	10	299	606.00	112.2	1107.8	0	0.00	0.0	49.4
4+30.00	10	309	608.00	112.6	1220.4	0	0.00	0.0	49.4
4+40.00	10	312	621.00	115.0	1335.4	0	0.00	0.0	49.4
	10		620.00	114.8	1450.2		0.00	0.0	49.4

HAUL ROADS

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: v

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
4+50.00		308				0			
4+60.00	10	288	596.00	110.4	1560.6	0	0.00	0.0	49.4
4+70.00	10	244	532.00	98.5	1659.1	0	0.00	0.0	49.4
4+80.00	10	135	379.00	70.2	1729.3	0	0.00	0.0	49.4
4+90.00	10	33	168.00	31.1	1760.4	0	0.00	0.0	49.4
5+00.00	10	41	74.00	13.7	1774.1	0	0.00	0.0	49.4
5+10.00	10	65	106.00	19.6	1793.7	0	0.00	0.0	49.4
5+20.00	10	105	170.00	31.5	1825.2	0	0.00	0.0	49.4
5+30.00	10	187	292.00	54.1	1879.3	0	0.00	0.0	49.4
5+40.00	10	264	451.00	83.5	1962.8	0	0.00	0.0	49.4
5+50.00	10	239	503.00	93.1	2055.9	0	0.00	0.0	49.4
5+90.00	40	285	524.00	388.1	2444.1	52	52.00	38.5	88.0
6+00.00	10	285	570.00	105.6	2549.6	102	154.00	28.5	116.5
6+10.00	10	290	575.00	106.5	2656.1	112	214.00	39.6	156.1
6+20.00	10	302	592.00	109.6	2765.7	123	235.00	43.5	199.6
6+30.00	10	323	625.00	115.7	2881.5	120	243.00	45.0	244.6
6+40.00	10	362	685.00	126.9	3008.3	100	220.00	40.7	285.4
6+50.00	10	369	731.00	135.4	3143.7	68	168.00	31.1	316.5
6+60.00	10	369	738.00	136.7	3280.4	30	98.00	18.1	334.6

HAUL ROADS

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: v

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
6+70.00	10	335	704.00	130.4	3410.7	0	30.00	5.6	340.2
6+80.00	10	618	953.00	176.5	3587.2	613	613.00	113.5	453.7
6+90.00	10	548	1166.00	215.9	3803.1	695	1308.00	242.2	695.9
7+00.00	10	445	993.00	183.9	3987.0	790	1485.00	275.0	970.9
7+10.00	10	158	603.00	111.7	4098.7	939	1729.00	320.2	1291.1
7+20.00	10	138	296.00	54.8	4153.5	1117	2056.00	380.7	1671.9
7+30.00	10	133	271.00	50.2	4203.7	1279	2396.00	443.7	2115.6
7+40.00	10	93	226.00	41.9	4245.6	1441	2720.00	503.7	2619.3
+0.00	10	23	43.00	8.0	8.0	0	0.00	0.0	0.0
+10.00	10	20	35.00	6.5	14.4	0	0.00	0.0	0.0
+20.00	10	15	24.00	4.4	18.9	0	2.00	0.4	0.4
+30.00	10	9	11.00	2.0	20.9	2	9.00	1.7	2.0
+40.00	10	2	2.00	0.4	21.3	7	26.00	4.8	6.9
+50.00	10	0	0.00	0.0	21.3	19	38.00	7.0	13.9
+60.00	10	0	5.00	0.9	22.2	19	45.00	8.3	22.2
+70.00	10	5	10.00	1.9	24.1	26	45.00	8.3	30.6
+80.00	10	5	6.00	1.1	25.2	19	47.00	8.7	39.3

HAUL ROADS

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: v

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
+90.00		1				28			
	10		1.00	0.2	25.4		55.00	10.2	49.4
1+00.00		0				27			
	10		0.00	0.0	25.4		60.00	11.1	60.6
1+10.00		0				33			
	10		36.00	6.7	32.0		33.00	6.1	66.7
1+20.00		36				0			
	10		109.00	20.2	52.2		0.00	0.0	66.7
1+30.00		73				0			
	10		151.00	28.0	80.2		0.00	0.0	66.7
1+40.00		78				0			
	10		163.00	30.2	110.4		0.00	0.0	66.7
1+50.00		85				0			
	10		170.00	31.5	141.9		0.00	0.0	66.7
1+60.00		85				0			
	10		169.00	31.3	173.1		0.00	0.0	66.7
1+70.00		84				0			
	10		166.00	30.7	203.9		0.00	0.0	66.7
1+80.00		82				0			
	50		155.00	143.5	347.4		0.00	0.0	66.7
1+90.00		73				0			
	10		139.00	25.7	373.1		0.00	0.0	66.7
2+00.00		66				0			
	10		132.00	24.4	397.6		0.00	0.0	66.7
2+10.00		66				0			
	10		139.00	25.7	423.3		0.00	0.0	66.7
2+20.00		73				0			
	10		158.00	29.3	452.6		0.00	0.0	66.7
2+30.00		85				0			
	10		182.00	33.7	486.3		0.00	0.0	66.7
2+40.00		97				0			
	10		206.00	38.1	524.4		0.00	0.0	66.7
2+50.00		109				0			
	10		245.00	45.4	569.8		0.00	0.0	66.7
2+60.00		136				0			
	10		292.00	54.1	623.9		0.00	0.0	66.7
2+70.00		156				0			
	10		285.00	52.8	676.7		0.00	0.0	66.7
2+80.00		129				0			
	10		261.00	48.3	725.0		0.00	0.0	66.7
2+90.00		132				0			
	10		253.00	46.9	771.9		0.00	0.0	66.7
3+00.00		121				0			

HAUL ROADS

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: v

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
3+10.00	10	107	228.00	42.2	814.1	0	0.00	0.0	66.7
3+20.00	10	99	206.00	38.1	852.2	0	0.00	0.0	66.7
3+30.00	10	91	190.00	35.2	887.4	0	0.00	0.0	66.7
3+40.00	10	86	177.00	32.8	920.2	0	0.00	0.0	66.7
3+50.00	10	82	168.00	31.1	951.3	0	0.00	0.0	66.7
3+60.00	10	65	147.00	27.2	978.5	0	0.00	0.0	66.7
3+70.00	10	39	104.00	19.3	997.8	0	0.00	0.0	66.7
3+80.00	10	55	94.00	17.4	1015.2	0	0.00	0.0	66.7
3+90.00	10	92	147.00	27.2	1042.4	0	0.00	0.0	66.7
4+00.00	10	95	187.00	34.6	1077.0	0	0.00	0.0	66.7
4+10.00	10	54	149.00	27.6	1104.6	2	2.00	0.4	67.0
4+20.00	10	27	81.00	15.0	1119.6	22	24.00	4.4	71.5
4+30.00	10	14	41.00	7.6	1127.2	52	74.00	13.7	85.2
4+40.00	10	10	24.00	4.4	1131.7	100	152.00	28.1	113.3
4+50.00	10	1	11.00	2.0	1133.7	154	254.00	47.0	160.4
4+60.00	10	0	1.00	0.2	1133.9	204	358.00	66.3	226.7
4+70.00	10	0	0.00	0.0	1133.9	151	355.00	65.7	292.4
4+80.00	10	0	0.00	0.0	1133.9	53	204.00	37.8	330.2
4+90.00	10	6	6.00	1.1	1135.0	0	53.00	9.8	340.0
5+00.00	10	10	16.00	3.0	1138.0	0	0.00	0.0	340.0
5+10.00	10	12	22.00	4.1	1142.0	0	0.00	0.0	340.0
	10		40.00	7.4	1149.4		0.00	0.0	340.0

HAUL ROADS

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: MR DATE: 1/1/2020 CHKD BY: DS DATE: v

SHRINKAGE FACTOR = 0.10

STATION	DIST	CUT				FILL			
		ENDAREA	SUM OF	VOLUME (CY)	CUMULATIVE TOTAL	ENDAREA	SUM OF ENDAREAS	VOLUME (CY)	CUMULATIVE TOTAL
5+20.00		28				0			
5+30.00	10	193	221.00	40.9	1190.4	0	0.00	0.0	340.0
5+32.50	2.5	604	797.00	36.9	1227.3	0	0.00	0.0	340.0
5+40.00	7.5	548	1152.00	160.0	1387.3	0	0.00	0.0	340.0
5+50.00	10	451	999.00	185.0	1572.3	0	0.00	0.0	340.0
5+60.00	10	359	810.00	150.0	1722.3	0	0.00	0.0	340.0
5+70.00	10	209	568.00	105.2	1827.5	0	0.00	0.0	340.0
5+80.00	10	257	466.00	86.3	1913.8	0	0.00	0.0	340.0
5+90.00	10	229	486.00	90.0	2003.8	0	0.00	0.0	340.0
6+00.00	10	211	440.00	81.5	2085.2	0	0.00	0.0	340.0
6+10.00	10	196	407.00	75.4	2160.6	0	0.00	0.0	340.0
6+20.00	10	193	389.00	72.0	2232.6	0	0.00	0.0	340.0
6+29.44	9.44	211	404.00	70.6	2303.3	0	0.00	0.0	340.0

TOTAL 18734 C.Y.

TOTAL 6468 C.Y.

Total Embankment = 6468

Total Excavation = 18734

Total Borrow = NA

Total Waste = 11620

PAVEMENT REMOVAL QUANTITIES (INSIDE SLOPE LIMITS)

CALC. BY: RANDALL

DATE:

CHKD. BY: SCHWALM

DATE: 5/20/2026

Section	Area	Depth	Volume
SR-28	114,609 ft ²	1.5 ft	6,367.2 CY
Mayfair	4,206 ft ²	1 ft	155.8 CY
Byers	4,016 ft ²	1 ft	148.7 CY
Rector	12,733 ft ²	1 ft	471.6 CY
Gross	19,141 ft ²	1 ft	708.9 CY
Old SR-28 South	30,355 ft ²	1 ft	1,124.2 CY
Pryor	14,815 ft ²	1 ft	548.7 CY
Clearcreek	13,719 ft ²	1 ft	508.1 CY
Conley	7,177 ft ²	1 ft	265.8 CY
Old SR-28 West	13,734 ft ²	1 ft	508.7 CY
Old SR-28 East	6,467 ft ²	1 ft	239.5 CY
Hollow Lane	21,325 ft ²	1 ft	789.8 CY

TOTAL VOLUME: 11,837 CY

PAVEMENT REPLACEMENT QUANTITIES (INSIDE SLOPE LIMITS)

CALC. BY: MAR

DATE: Jan-20

CHKD. BY: DS

DATE: May-26

Section	Area	Depth	Volume
SR-28	45,909 ft ²	1.5 ft	2,550.5 CY
Mayfair	6,400 ft ²	1 ft	237.0 CY
Byers	6,110 ft ²	1 ft	226.3 CY
Rector	11,750 ft ²	1 ft	435.2 CY

TOTAL VOLUME: 3,449.03 CY

SCARIFIED AREAS (OUTSIDE SLOPE LIMITS)

CALC. BY: CL

DATE: 20-May-26

CHKD. BY: DS

DATE: 20-May-26

Section	Scarified Pvmnt. Area	Depth	Volume
Mainline	315,632 ft ²	1.5000 ft	17,535.1 CY
Byers	2,612 ft ²	1.0000 ft	96.7 CY
Pryor	4,140 ft ²	1.0000 ft	153.3 CY
Old SR-28 East	682 ft ²	1.0000 ft	25.3 CY

TOTAL VOLUME: 17,810.4 CY

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: DSR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1282+00.00		182.000				0.000			
	50		186.50	3077.3	3077.3		0.00	0.0	0.0
1282+50.00		191.000				0.000			
	50		190.00	3135.0	6212.3		0.00	0.0	0.0
1283+00.00		189.000				0.000			
	50		190.00	3135.0	9347.3		0.00	0.0	0.0
1283+50.00		191.000				0.000			
	50		187.00	3085.5	12432.8		0.00	0.0	0.0
1284+00.00		183.000				0.000			
	50		181.50	2994.8	15427.5		0.00	0.0	0.0
1284+50.00		180.000				0.000			
	50		178.00	2937.0	18364.5		0.00	0.0	0.0
1285+00.00		176.000				0.000			
	50		173.00	2854.5	21219.0		0.00	0.0	0.0
1285+50.00		170.000				0.000			
	50		168.50	2780.3	23999.3		0.00	0.0	0.0
1286+00.00		167.000				0.000			
	50		162.50	2681.3	26680.5		0.00	0.0	0.0
1286+50.00		158.000				0.000			
	50		150.50	2483.3	29163.8		0.00	0.0	0.0
1287+00.00		143.000				0.000			
	50		134.50	2219.3	31383.0		0.00	0.0	0.0
1287+50.00		126.000				0.000			
	50		124.50	2054.3	33437.3		0.00	0.0	0.0
1288+00.00		123.000				0.000			
	50		122.50	2021.3	35458.5		0.00	0.0	0.0
1288+50.00		122.000				0.000			
	50		133.50	2202.8	37661.3		14.00	231.0	231.0
1289+00.00		145.000				28.000			
	50		106.50	1757.3	39418.5		46.00	759.0	990.0
1289+50.00		68.000				64.000			
	50		53.00	874.5	40293.0		68.50	1130.3	2120.3
1290+00.00		38.000				73.000			
	50		82.00	1353.0	41646.0		36.50	602.3	2722.5
1290+50.00		126.000				0.000			
	50		70.00	1155.0	42801.0		54.50	899.3	3621.8
1291+00.00		14.000				109.000			
	50		17.00	280.5	43081.5		108.50	1790.3	5412.0
1291+50.00		20.000				108.000			
	50		20.50	338.3	43419.8		111.50	1839.8	7251.8

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: DSR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1292+00.00		21.000				115.000			
	50		17.00	280.5	43700.3		119.50	1971.8	9223.5
1292+50.00		13.000				124.000			
	50		14.50	239.3	43939.5		122.50	2021.3	11244.8
1293+00.00		16.000				121.000			
	50		9.50	156.8	44096.3		118.00	1947.0	13191.8
1293+50.00		3.000				115.000			
	50		10.00	165.0	44261.3		110.50	1823.3	15015.0
1294+00.00		17.000				106.000			
	50		32.00	528.0	44789.3		86.00	1419.0	16434.0
1294+50.00		47.000				66.000			
	50		61.00	1006.5	45795.8		49.00	808.5	17242.5
1295+00.00		75.000				32.000			
	50		88.00	1452.0	47247.8		18.00	297.0	17539.5
1295+50.00		101.000				4.000			
	50		98.50	1625.3	48873.0		6.00	99.0	17638.5
1296+00.00		96.000				8.000			
	50		71.00	1171.5	50044.5		32.00	528.0	18166.5
1296+50.00		46.000				56.000			
	50		31.00	511.5	50556.0		74.00	1221.0	19387.5
1297+00.00		16.000				92.000			
	50		10.00	165.0	50721.0		106.50	1757.3	21144.8
1297+50.00		4.000				121.000			
	50		6.50	107.3	50828.3		113.50	1872.8	23017.5
1298+00.00		9.000				106.000			
	50		11.00	181.5	51009.8		95.00	1567.5	24585.0
1298+50.00		13.000				84.000			
	50		15.50	255.8	51265.5		65.00	1072.5	25657.5
1299+00.00		18.000				46.000			
	50		23.00	379.5	51645.0		40.50	668.3	26325.8
1299+50.00		28.000				35.000			
	50		31.00	511.5	52156.5		32.50	536.3	26862.0
1300+00.00		34.000				30.000			
	50		39.50	651.8	52808.3		43.50	717.8	27579.8
1300+50.00		45.000				57.000			
	50		26.00	429.0	53237.3		76.50	1262.3	28842.0
1301+00.00		7.000				96.000			
	50		9.00	148.5	53385.8		103.50	1707.8	30549.8
1301+50.00		11.000				111.000			
	50		11.50	189.8	53575.5		121.00	1996.5	32546.3
1302+00.00		12.000				131.000			

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: DSR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1302+50.00	50	18.000	15.00	247.5	53823.0	143.000	137.00	2260.5	34806.8
1303+00.00	50	32.000	25.00	412.5	54235.5	154.000	148.50	2450.3	37257.0
1303+50.00	50	21.000	26.50	437.3	54672.8	158.000	156.00	2574.0	39831.0
1304+00.00	50	35.000	28.00	462.0	55134.8	166.000	162.00	2673.0	42504.0
1304+50.00	50	33.000	34.00	561.0	55695.8	166.000	166.00	2739.0	45243.0
1305+00.00	50	36.000	34.50	569.3	56265.0	165.000	165.50	2730.8	47973.8
1305+50.00	50	55.000	45.50	750.8	57015.8	166.000	165.50	2730.8	50704.5
1306+00.00	50	16.000	35.50	585.8	57601.5	189.000	177.50	2928.8	53633.3
1306+50.00	50	8.000	12.00	198.0	57799.5	188.000	188.50	3110.3	56743.5
1307+00.00	50	0.000	4.00	66.0	57865.5	159.000	173.50	2862.8	59606.3
1307+50.00	50	8.000	4.00	66.0	57931.5	147.000	153.00	2524.5	62130.8
1308+00.00	50	10.000	9.00	148.5	58080.0	125.000	136.00	2244.0	64374.8
1308+50.00	50	0.000	5.00	82.5	58162.5	112.000	118.50	1955.3	66330.0
1309+00.00	50	0.000	0.00	0.0	58162.5	108.000	110.00	1815.0	68145.0
1309+50.00	50	19.000	9.50	156.8	58319.3	81.000	94.50	1559.3	69704.3
1310+00.00	50	102.000	60.50	998.3	59317.5	0.000	40.50	668.3	70372.5
1310+50.00	50	111.000	106.50	1757.3	61074.8	0.000	0.00	0.0	70372.5
1311+00.00	50	117.000	114.00	1881.0	62955.8	0.000	0.00	0.0	70372.5
1311+50.00	50	122.000	119.50	1971.8	64927.5	0.000	0.00	0.0	70372.5
1312+00.00	50	120.000	121.00	1996.5	66924.0	0.000	0.00	0.0	70372.5
	50		118.00	1947.0	68871.0		0.00	0.0	70372.5

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: DSR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1312+50.00		116.000				0.000			
	50		63.50	1047.8	69918.8		0.00	0.0	70372.5
1313+00.00		11.000				0.000			
	50		41.50	684.8	70603.5		19.00	313.5	70686.0
1313+50.00		72.000				38.000			
	50		69.00	1138.5	71742.0		41.50	684.8	71370.8
1314+00.00		66.000				45.000			
	50		63.00	1039.5	72781.5		48.00	792.0	72162.8
1314+50.00		60.000				51.000			
	50		51.00	841.5	73623.0		50.00	825.0	72987.8
1315+00.00		42.000				49.000			
	50		36.00	594.0	74217.0		53.00	874.5	73862.3
1315+50.00		30.000				57.000			
	50		23.50	387.8	74604.8		52.00	858.0	74720.3
1316+00.00		17.000				47.000			
	50		15.00	247.5	74852.3		48.00	792.0	75512.3
1316+50.00		13.000				49.000			
	50		13.50	222.8	75075.0		49.00	808.5	76320.8
1317+00.00		14.000				49.000			
	50		15.50	255.8	75330.8		55.50	915.8	77236.5
1317+50.00		17.000				62.000			
	50		18.00	297.0	75627.8		61.50	1014.8	78251.3
1318+00.00		19.000				61.000			
	50		25.50	420.8	76048.5		59.00	973.5	79224.8
1318+50.00		32.000				57.000			
	50		33.50	552.8	76601.3		58.50	965.3	80190.0
1319+00.00		35.000				60.000			
	50		25.00	412.5	77013.8		67.00	1105.5	81295.5
1319+50.00		15.000				74.000			
	50		7.50	123.8	77137.5		82.00	1353.0	82648.5
1320+00.00		0.000				90.000			
	50		0.00	0.0	77137.5		98.00	1617.0	84265.5
1320+50.00		0.000				106.000			
	50		0.00	0.0	77137.5		115.50	1905.8	86171.3
1321+00.00		0.000				125.000			
	50		0.00	0.0	77137.5		126.00	2079.0	88250.3
1321+50.00		0.000				127.000			
	50		0.00	0.0	77137.5		130.50	2153.3	90403.5
1322+00.00		0.000				134.000			
	50		0.00	0.0	77137.5		137.50	2268.8	92672.3
1322+50.00		0.000				141.000			

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: DSR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1323+00.00	50	0.000	0.00	0.0	77137.5	143.000	142.00	2343.0	95015.3
1323+50.00	50	8.000	4.00	66.0	77203.5	139.000	141.00	2326.5	97341.8
1324+00.00	50	7.000	7.50	123.8	77327.3	152.000	145.50	2400.8	99742.5
1324+50.00	50	8.000	7.50	123.8	77451.0	153.000	152.50	2516.3	102258.8
1325+00.00	50	9.000	8.50	140.3	77591.3	159.000	156.00	2574.0	104832.8
1325+50.00	50	10.000	9.50	156.8	77748.0	162.000	160.50	2648.3	107481.0
1326+00.00	50	0.000	5.00	82.5	77830.5	149.000	155.50	2565.8	110046.8
1326+50.00	50	0.000	0.00	0.0	77830.5	125.000	137.00	2260.5	112307.3
1327+00.00	50	122.000	61.00	1006.5	78837.0	13.000	69.00	1138.5	113445.8
1327+50.00	50	151.000	136.50	2252.3	81089.3	0.000	6.50	107.3	113553.0
1328+00.00	50	153.000	152.00	2508.0	83597.3	0.000	0.00	0.0	113553.0
1328+50.00	50	143.000	148.00	2442.0	86039.3	0.000	0.00	0.0	113553.0
1329+00.00	50	36.000	89.50	1476.8	87516.0	0.000	0.00	0.0	113553.0
1329+50.00	50	36.000	36.00	594.0	88110.0	0.000	0.00	0.0	113553.0
1330+00.00	50	36.000	36.00	594.0	88704.0	0.000	0.00	0.0	113553.0
1330+50.00	50	154.000	95.00	1567.5	90271.5	0.000	0.00	0.0	113553.0
1331+00.00	50	156.000	155.00	2557.5	92829.0	0.000	0.00	0.0	113553.0
1331+50.00	50	151.000	153.50	2532.8	95361.8	0.000	0.00	0.0	113553.0
1332+00.00	50	149.000	150.00	2475.0	97836.8	0.000	0.00	0.0	113553.0
1332+50.00	50	145.000	147.00	2425.5	100262.3	0.000	0.00	0.0	113553.0
	50		147.00	2425.5	102687.8		0.00	0.0	113553.0

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: DSR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1333+00.00		149.000				0.000			
	50		150.50	2483.3	105171.0		0.00	0.0	113553.0
1333+50.00		152.000				0.000			
	50		145.00	2392.5	107563.5		4.50	74.3	113627.3
1334+00.00		138.000				9.000			
	50		143.50	2367.8	109931.3		4.50	74.3	113701.5
1334+50.00		149.000				0.000			
	50		156.50	2582.3	112513.5		0.00	0.0	113701.5
1335+00.00		164.000				0.000			
	50		167.50	2763.8	115277.3		0.00	0.0	113701.5
1335+50.00		171.000				0.000			
	50		172.50	2846.3	118123.5		0.00	0.0	113701.5
1336+00.00		174.000				0.000			
	50		169.00	2788.5	120912.0		0.00	0.0	113701.5
1336+50.00		164.000				0.000			
	50		152.50	2516.3	123428.3		0.00	0.0	113701.5
1337+00.00		141.000				0.000			
	50		129.00	2128.5	125556.8		0.00	0.0	113701.5
1337+50.00		117.000				0.000			
	50		75.50	1245.8	126802.5		59.00	973.5	114675.0
1338+00.00		34.000				118.000			
	19.1		34.00	214.3	127016.8		118.00	743.8	115418.8
1338+19.10		34.000				118.000			
1339+83.10		45.000				150.000			
	16.9		45.00	251.0	127267.8		150.00	836.5	116255.3
1340+00.00		45.000				150.000			
	50		57.50	948.8	128216.5		137.50	2268.8	118524.1
1340+50.00		70.000				125.000			
	50		82.00	1353.0	129569.5		115.50	1905.8	120429.8
1341+00.00		94.000				106.000			
	50		119.50	1971.8	131541.3		81.00	1336.5	121766.3
1341+50.00		145.000				56.000			
	50		183.00	3019.5	134560.8		28.00	462.0	122228.3
1342+00.00		221.000				0.000			
	50		219.00	3613.5	138174.3		0.00	0.0	122228.3
1342+50.00		217.000				0.000			
	50		207.00	3415.5	141589.8		0.00	0.0	122228.3
1343+00.00		197.000				0.000			
	50		193.50	3192.8	144782.5		0.00	0.0	122228.3
1343+50.00		190.000				0.000			

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
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 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1344+00.00	50	88.000	139.00	2293.5	147076.0	0.000	0.00	0.0	122228.3
1344+50.00	50	65.000	76.50	1262.3	148338.3	0.000	0.00	0.0	122228.3
1345+00.00	50	154.000	109.50	1806.8	150145.0	0.000	0.00	0.0	122228.3
1345+50.00	50	127.000	140.50	2318.3	152463.3	0.000	0.00	0.0	122228.3
1346+00.00	50	104.000	115.50	1905.8	154369.0	19.000	9.50	156.8	122385.1
1346+50.00	50	111.000	107.50	1773.8	156142.8	34.000	26.50	437.3	122822.3
1347+00.00	50	108.000	109.50	1806.8	157949.5	27.000	30.50	503.3	123325.6
1347+50.00	50	154.000	131.00	2161.5	160111.0	0.000	13.50	222.8	123548.3
1348+00.00	50	143.000	148.50	2450.3	162561.3	0.000	0.00	0.0	123548.3
1348+50.00	50	147.000	145.00	2392.5	164953.8	0.000	0.00	0.0	123548.3
1349+00.00	50	155.000	151.00	2491.5	167445.3	0.000	0.00	0.0	123548.3
1349+50.00	50	161.000	158.00	2607.0	170052.3	0.000	0.00	0.0	123548.3
1350+00.00	50	163.000	162.00	2673.0	172725.3	0.000	0.00	0.0	123548.3
1350+50.00	50	165.000	164.00	2706.0	175431.3	0.000	0.00	0.0	123548.3
1351+00.00	50	159.000	162.00	2673.0	178104.3	0.000	0.00	0.0	123548.3
1351+50.00	50	165.000	162.00	2673.0	180777.3	0.000	0.00	0.0	123548.3
1352+00.00	50	152.000	158.50	2615.3	183392.5	0.000	0.00	0.0	123548.3
1352+50.00	50	144.000	148.00	2442.0	185834.5	0.000	0.00	0.0	123548.3
1353+00.00	50	145.000	144.50	2384.3	188218.8	0.000	0.00	0.0	123548.3
1353+50.00	50	138.000	141.50	2334.8	190553.5	0.000	0.00	0.0	123548.3
	50		128.00	2112.0	192665.5		0.00	0.0	123548.3

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
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 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1354+00.00		118.000				0.000			
	50		92.50	1526.3	194191.8		27.00	445.5	123993.8
1354+50.00		67.000				54.000			
	50		99.00	1633.5	195825.3		27.00	445.5	124439.3
1355+00.00		131.000				0.000			
	50		103.50	1707.8	197533.0		0.00	0.0	124439.3
1355+50.00		76.000				0.000			
	50		46.50	767.3	198300.3		29.00	478.5	124917.8
1356+00.00		17.000				58.000			
	50		21.00	346.5	198646.8		85.50	1410.8	126328.6
1356+50.00		25.000				113.000			
	50		22.00	363.0	199009.8		114.50	1889.3	128217.8
1357+00.00		19.000				116.000			
	50		20.00	330.0	199339.8		117.00	1930.5	130148.3
1357+50.00		21.000				118.000			
	50		14.50	239.3	199579.0		122.50	2021.3	132169.6
1358+00.00		8.000				127.000			
	50		11.50	189.8	199768.8		146.00	2409.0	134578.6
1358+50.00		15.000				165.000			
	50		11.50	189.8	199958.5		168.50	2780.3	137358.8
1359+00.00		8.000				172.000			
	50		10.50	173.3	200131.8		173.50	2862.8	140221.6
1359+50.00		13.000				175.000			
	50		11.50	189.8	200321.5		167.50	2763.8	142985.3
1360+00.00		10.000				160.000			
	50		6.50	107.3	200428.8		163.00	2689.5	145674.8
1360+50.00		3.000				166.000			
	50		6.50	107.3	200536.0		159.50	2631.8	148306.6
1361+00.00		10.000				153.000			
	50		10.50	173.3	200709.3		149.00	2458.5	150765.1
1361+50.00		11.000				145.000			
	50		9.00	148.5	200857.8		145.50	2400.8	153165.8
1362+00.00		7.000				146.000			
	50		8.50	140.3	200998.0		142.50	2351.3	155517.1
1362+50.00		10.000				139.000			
	50		15.50	255.8	201253.8		126.00	2079.0	157596.1
1363+00.00		21.000				113.000			
	50		23.50	387.8	201641.5		108.00	1782.0	159378.1
1363+50.00		26.000				103.000			
	50		20.50	338.3	201979.8		104.00	1716.0	161094.1
1364+00.00		15.000				105.000			

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
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 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1364+50.00	50		10.00	165.0	202144.8		109.50	1806.8	162900.8
		5.000				114.000			
1365+00.00	50		8.00	132.0	202276.8		117.00	1930.5	164831.3
		11.000				120.000			
1365+50.00	50		13.00	214.5	202491.3		112.00	1848.0	166679.3
		15.000				104.000			
1366+00.00	50		14.50	239.3	202730.5		99.50	1641.8	168321.1
		14.000				95.000			
1366+50.00	50		18.00	297.0	203027.5		95.50	1575.8	169896.8
		22.000				96.000			
1367+00.00	50		22.50	371.3	203398.8		93.50	1542.8	171439.6
		23.000				91.000			
1367+50.00	50		26.00	429.0	203827.8		94.00	1551.0	172990.6
		29.000				97.000			
1368+00.00	50		33.50	552.8	204380.5		87.50	1443.8	174434.3
		38.000				78.000			
1368+50.00	50		54.00	891.0	205271.5		64.00	1056.0	175490.3
		70.000				50.000			
1369+00.00	50		89.00	1468.5	206740.0		31.00	511.5	176001.8
		108.000				12.000			
1369+50.00	50		116.00	1914.0	208654.0		6.00	99.0	176100.8
		124.000				0.000			
1370+00.00	50		123.50	2037.8	210691.8		0.00	0.0	176100.8
		123.000				0.000			
1370+50.00	50		124.00	2046.0	212737.8		0.00	0.0	176100.8
		125.000				0.000			
1371+00.00	50		126.50	2087.3	214825.0		0.00	0.0	176100.8
		128.000				0.000			
1371+50.00	50		129.00	2128.5	216953.5		0.00	0.0	176100.8
		130.000				0.000			
1372+00.00	50		129.50	2136.8	219090.3		0.00	0.0	176100.8
		129.000				0.000			
1372+50.00	50		130.00	2145.0	221235.3		0.00	0.0	176100.8
		131.000				0.000			
1373+00.00	50		131.50	2169.8	223405.0		0.00	0.0	176100.8
		132.000				0.000			
1373+50.00	50		134.50	2219.3	225624.3		0.00	0.0	176100.8
		137.000				0.000			
1374+00.00	50		138.00	2277.0	227901.3		0.00	0.0	176100.8
		139.000				0.000			
	50		141.50	2334.8	230236.0		0.00	0.0	176100.8

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: DSR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1374+50.00		144.000				0.000			
	50		118.50	1955.3	232191.3		0.00	0.0	176100.8
1375+00.00		93.000				0.000			
	50		90.00	1485.0	233676.3		0.00	0.0	176100.8
1375+50.00		87.000				0.000			
	50		85.50	1410.8	235087.0		0.00	0.0	176100.8
1376+00.00		84.000				0.000			
	50		117.00	1930.5	237017.5		0.00	0.0	176100.8
1376+50.00		150.000				0.000			
	50		149.00	2458.5	239476.0		0.00	0.0	176100.8
1377+00.00		148.000				0.000			
	50		143.50	2367.8	241843.8		0.00	0.0	176100.8
1377+50.00		139.000				0.000			
	50		134.00	2211.0	244054.8		0.00	0.0	176100.8
1378+00.00		129.000				0.000			
	50		127.50	2103.8	246158.5		0.00	0.0	176100.8
1378+50.00		126.000				0.000			
	50		129.50	2136.8	248295.3		0.00	0.0	176100.8
1379+00.00		133.000				0.000			
	50		133.00	2194.5	250489.8		0.00	0.0	176100.8
1379+50.00		133.000				0.000			
	50		132.50	2186.3	252676.0		0.00	0.0	176100.8
1380+00.00		132.000				0.000			
	50		136.50	2252.3	254928.3		0.00	0.0	176100.8
1380+50.00		141.000				0.000			
	50		144.00	2376.0	257304.3		0.00	0.0	176100.8
1381+00.00		147.000				0.000			
	50		148.50	2450.3	259754.5		0.00	0.0	176100.8
1381+50.00		150.000				0.000			
	50		152.00	2508.0	262262.5		0.00	0.0	176100.8
1382+00.00		154.000				0.000			
	50		89.00	1468.5	263731.0		0.00	0.0	176100.8
1382+50.00		24.000				0.000			
	50		24.00	396.0	264127.0		0.00	0.0	176100.8
1383+00.00		24.000				0.000			
	50		90.00	1485.0	265612.0		0.00	0.0	176100.8
1383+50.00		156.000				0.000			
	50		162.00	2673.0	268285.0		0.00	0.0	176100.8
1384+00.00		168.000				0.000			
	50		175.50	2895.8	271180.8		0.00	0.0	176100.8
1384+50.00		183.000				0.000			

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: DSR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1385+00.00	50	183.000	183.00	3019.5	274200.3	0.000	0.00	0.0	176100.8
1385+50.00	50	203.000	193.00	3184.5	277384.8	0.000	0.00	0.0	176100.8
1386+00.00	50	218.000	210.50	3473.3	280858.0	0.000	0.00	0.0	176100.8
1386+50.00	50	235.000	226.50	3737.3	284595.3	0.000	0.00	0.0	176100.8
1387+00.00	50	255.000	245.00	4042.5	288637.8	0.000	0.00	0.0	176100.8
1387+50.00	50	267.000	261.00	4306.5	292944.3	0.000	0.00	0.0	176100.8
1388+00.00	50	280.000	273.50	4512.8	297457.0	0.000	0.00	0.0	176100.8
1388+50.00	50	277.000	278.50	4595.3	302052.3	0.000	0.00	0.0	176100.8
1389+00.00	50	277.000	277.00	4570.5	306622.8	0.000	0.00	0.0	176100.8
1389+50.00	50	276.000	276.50	4562.3	311185.0	0.000	0.00	0.0	176100.8
1390+00.00	50	278.000	277.00	4570.5	315755.5	0.000	0.00	0.0	176100.8
1390+50.00	50	322.000	300.00	4950.0	320705.5	0.000	0.00	0.0	176100.8
1391+00.00	50	301.000	311.50	5139.8	325845.3	0.000	0.00	0.0	176100.8
1391+50.00	50	243.000	272.00	4488.0	330333.3	0.000	0.00	0.0	176100.8
1392+00.00	50	223.000	233.00	3844.5	334177.8	0.000	0.00	0.0	176100.8
1392+50.00	50	219.000	221.00	3646.5	337824.3	0.000	0.00	0.0	176100.8
1393+00.00	50	211.000	215.00	3547.5	341371.8	0.000	0.00	0.0	176100.8
1393+50.00	50	202.000	206.50	3407.3	344779.0	0.000	0.00	0.0	176100.8
1394+00.00	50	174.540	188.27	3106.5	347885.5	0.000	0.00	0.0	176100.8
1394+50.00	50	101.470	138.01	2277.1	350162.6	83.080	41.54	685.4	176786.2
	14		101.47	468.8	350631.3		83.08	383.8	177170.0

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: DSR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1394+64.00		101.470				83.080			
1398+64.00	36	32.960	32.96	391.6	351022.9	120.500	120.50	1431.5	178601.6
1399+00.00	50	32.960	38.48	634.9	351657.8	120.500	115.75	1909.9	180511.5
1399+50.00	50	44.000	57.00	940.5	352598.3	111.000	101.50	1674.8	182186.2
1400+00.00	50	70.000	77.50	1278.8	353877.1	92.000	88.00	1452.0	183638.2
1400+50.00	50	85.000	107.50	1773.8	355650.8	84.000	65.50	1080.8	184719.0
1401+00.00	50	130.000	151.50	2499.8	358150.6	47.000	23.50	387.8	185106.7
1401+50.00	50	173.000	180.50	2978.3	361128.8	0.000	0.00	0.0	185106.7
1402+00.00	50	188.000	191.50	3159.8	364288.6	0.000	0.00	0.0	185106.7
1402+50.00	50	195.000	196.00	3234.0	367522.6	0.000	0.00	0.0	185106.7
1403+00.00	50	197.000	203.50	3357.8	370880.3	0.000	0.00	0.0	185106.7
1403+50.00	50	210.000	195.50	3225.8	374106.1	0.000	0.00	0.0	185106.7
1404+00.00	50	181.000	180.00	2970.0	377076.1	0.000	0.00	0.0	185106.7
1404+50.00	50	179.000	187.00	3085.5	380161.6	0.000	0.00	0.0	185106.7
1405+00.00	50	195.000	194.00	3201.0	383362.6	0.000	0.00	0.0	185106.7
1405+50.00	50	193.000	192.00	3168.0	386530.6	0.000	0.00	0.0	185106.7
1406+00.00	50	191.000	188.50	3110.3	389640.8	0.000	0.00	0.0	185106.7
1406+50.00	50	186.000	184.50	3044.3	392685.1	0.000	0.00	0.0	185106.7
1407+00.00	50	183.000	181.50	2994.8	395679.8	0.000	0.00	0.0	185106.7
1407+50.00	50	180.000	180.50	2978.3	398658.1	0.000	0.00	0.0	185106.7
1408+00.00		181.000				0.000			

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: DSR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1408+50.00	50	175.000	178.00	2937.0	401595.1	0.000	0.00	0.0	185106.7
	50		182.00	3003.0	404598.1	0.000	0.00	0.0	185106.7
1409+00.00	50	189.000	187.00	3085.5	407683.6	0.000	0.00	0.0	185106.7
1409+50.00	50	185.000	184.50	3044.3	410727.8	0.000	0.00	0.0	185106.7
1410+00.00	50	184.000	194.00	3201.0	413928.8	0.000	0.00	0.0	185106.7
1410+50.00	50	204.000	203.00	3349.5	417278.3	0.000	0.00	0.0	185106.7
1411+00.00	50	202.000	200.50	3308.3	420586.6	0.000	0.00	0.0	185106.7
1411+50.00	50	199.000	193.00	3184.5	423771.1	0.000	0.00	0.0	185106.7
1412+00.00	50	187.000	184.00	3036.0	426807.1	0.000	0.00	0.0	185106.7
1412+50.00	50	181.000	187.50	3093.8	429900.8	0.000	0.00	0.0	185106.7
1413+00.00	50	194.000	195.50	3225.8	433126.6	0.000	0.00	0.0	185106.7
1413+50.00	50	197.000	197.00	3250.5	436377.1	0.000	0.00	0.0	185106.7
1414+00.00	50	197.000	196.00	3234.0	439611.1	0.000	0.00	0.0	185106.7
1414+50.00	50	195.000	193.50	3192.8	442803.8	0.000	0.00	0.0	185106.7
1415+00.00	50	192.000	189.00	3118.5	445922.3	0.000	0.00	0.0	185106.7
1415+50.00	50	186.000	188.50	3110.3	449032.6	0.000	0.00	0.0	185106.7
1416+00.00	50	191.000	186.00	3069.0	452101.6	0.000	0.00	0.0	185106.7
1416+50.00	50	181.000	170.00	2805.0	454906.6	0.000	0.00	0.0	185106.7
1417+00.00	50	159.000	149.00	2458.5	457365.1	0.000	0.00	0.0	185106.7
1417+50.00	50	139.000	135.00	2227.5	459592.6	0.000	0.00	0.0	185106.7
1418+00.00	50	131.000	112.50	1856.3	461448.8	0.000	12.00	198.0	185304.7

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: DSR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1418+50.00		94.000				24.000			
	50		105.50	1740.8	463189.6		12.00	198.0	185502.7
1419+00.00		117.000				0.000			
	50		75.50	1245.8	464435.3		34.50	569.3	186072.0
1419+50.00		34.000				69.000			
	50		31.50	519.8	464955.1		79.00	1303.5	187375.5
1420+00.00		29.000				89.000			
	50		25.00	412.5	465367.6		104.50	1724.3	189099.7
1420+50.00		21.000				120.000			
	50		15.00	247.5	465615.1		126.00	2079.0	191178.7
1421+00.00		9.000				132.000			
	50		11.50	189.8	465804.8		135.00	2227.5	193406.2
1421+50.00		14.000				138.000			
	50		12.50	206.3	466011.1		132.50	2186.3	195592.5
1422+00.00		11.000				127.000			
	50		23.00	379.5	466390.6		122.00	2013.0	197605.5
1422+50.00		35.000				117.000			
	50		45.00	742.5	467133.1		101.50	1674.8	199280.2
1423+00.00		55.000				86.000			
	50		66.50	1097.3	468230.3		73.00	1204.5	200484.7
1423+50.00		78.000				60.000			
	50		82.50	1361.3	469591.6		63.50	1047.8	201532.5
1424+00.00		87.000				67.000			
	50		80.00	1320.0	470911.6		79.50	1311.8	202844.2
1424+50.00		73.000				92.000			
	50		69.50	1146.8	472058.3		95.50	1575.8	204420.0
1425+00.00		66.000				99.000			
	50		60.00	990.0	473048.3		103.50	1707.8	206127.7
1425+50.00		54.000				108.000			
	50		60.00	990.0	474038.3		105.00	1732.5	207860.2
1426+00.00		66.000				102.000			
	50		74.00	1221.0	475259.3		98.50	1625.3	209485.5
1426+50.00		82.000				95.000			
	50		145.50	2400.8	477660.1		51.00	841.5	210327.0
1427+00.00		209.000				7.000			
	50		153.00	2524.5	480184.6		3.50	57.8	210384.7
1427+50.00		97.000				0.000			
	50		96.50	1592.3	481776.8		0.00	0.0	210384.7
1428+00.00		96.000				0.000			
	50		97.50	1608.8	483385.6		0.00	0.0	210384.7
1428+50.00		99.000				0.000			

MAINLINE TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019

CALC. BY: DSR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26

STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
1429+00.00	50	184.000	141.50	2334.8	485720.3	0.000	0.00	0.0	210384.7
	50		185.00	3052.5	488772.8		0.00	0.0	210384.7
1429+50.00		186.000				0.000			
	50		187.00	3085.5	491858.3		0.00	0.0	210384.7
1430+00.00		188.000				0.000			
	50		177.00	2920.5	494778.8		0.00	0.0	210384.7
1430+50.00		166.000				0.000			
	50		152.00	2508.0	497286.8		0.00	0.0	210384.7
1431+00.00		138.000				0.000			

STRIPPING UNDER EXC: 18,460.2 CY

STRIPPING UNDER. EMB: 7,792.0 CY

TOTAL TOPSOIL AVAILABLE= 26,252.2 CY

BYERS TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 5/20/2026
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
211+00.00		14.000				0.000			
	25		19.50	160.9	160.9		0.00	0.0	0.0
211+25.00		25.000				0.000			
	25		32.00	264.0	424.9		0.00	0.0	0.0
211+50.00		39.000				0.000			
	25		41.50	342.4	767.3		0.00	0.0	0.0
211+75.00		44.000				0.000			
	25		44.50	367.1	1134.4		0.00	0.0	0.0
212+00.00		45.000				0.000			
	25		34.50	284.6	1419.0		9.00	74.3	74.3
212+25.00		24.000				18.000			
	25		25.00	206.3	1625.3		14.50	119.6	193.9
212+50.00		26.000				11.000			
	25		13.00	107.3	1732.5		24.50	202.1	396.0
212+75.00		0.000				38.000			
	25		0.00	0.0	1732.5		39.00	321.8	717.8
213+00.00		0.000				40.000			
	25		2.50	20.6	1753.1		40.00	330.0	1047.8
213+25.00		5.000				40.000			
	25		5.00	41.3	1794.4		39.00	321.8	1369.5
213+50.00		5.000				38.000			
	25		7.00	57.8	1852.1		36.50	301.1	1670.6
213+75.00		9.000				35.000			
	25		12.00	99.0	1951.1		33.50	276.4	1947.0
214+00.00		15.000				32.000			
	25		15.50	127.9	2079.0		32.00	264.0	2211.0
214+25.00		16.000				32.000			
	25		16.00	132.0	2211.0		31.50	259.9	2470.9
214+50.00		16.000				31.000			
	25		15.50	127.9	2338.9		31.50	259.9	2730.8
214+75.00		15.000				32.000			
	25		14.00	115.5	2454.4		32.50	268.1	2998.9
215+00.00		13.000				33.000			
	25		12.00	99.0	2553.4		33.00	272.3	3271.1
215+25.00		11.000				33.000			
	25		32.00	264.0	2817.4		16.50	136.1	3407.3
215+50.00		53.000				0.000			

BYERS TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 5/20/2026
STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL

STRIPPING UNDER EXC: 104.3 CY

STRIPPING UNDER. EMB: 126.2 CY

TOTAL TOPSOIL AVAILABLE= 230.5 CY

CLEAR CREEK TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
275+52.65	22.35	29.000	38.50	284.0	284.0	0.000	0.00	0.0	0.0
275+75.00	25	48.000	51.50	424.9	708.8	0.000	0.00	0.0	0.0
276+00.00	25	55.000	58.50	482.6	1191.5	0.000	0.00	0.0	0.0
276+25.00	25	62.000	65.50	540.4	1731.8	0.000	0.00	0.0	0.0
276+50.00	25	69.000	71.50	589.9	2321.7	0.000	0.00	0.0	0.0
276+75.00	25	74.000	74.00	610.5	2932.2	0.000	0.00	0.0	0.0
277+00.00	25	74.000	72.50	598.1	3530.3	0.000	0.00	0.0	0.0
277+25.00	25	71.000	72.00	594.0	4124.3	0.000	0.00	0.0	0.0
277+50.00	25	73.000	73.50	606.4	4730.7	0.000	0.00	0.0	0.0
277+75.00	25	74.000	80.00	660.0	5390.7	0.000	0.00	0.0	0.0
278+00.00	25	86.000	76.50	631.1	6021.8	0.000	0.00	0.0	0.0
278+25.00	25	67.000	81.00	668.3	6690.1	0.000	0.00	0.0	0.0
278+50.00		95.000				0.000			

STRIPPING UNDER EXC: 247.8 CY

STRIPPING UNDER. EMB: 0.0 CY

TOTAL TOPSOIL AVAILABLE= 247.8 CY

CONLEY TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
290+75.00		88.000				0.000			
291+00.00	25	74.000	81.00	668.3	668.3	0.000	0.00	0.0	0.0
291+25.00	25	73.000	73.50	606.4	1274.6	0.000	0.00	0.0	0.0
291+50.00	25	68.000	70.50	581.6	1856.3	0.000	0.00	0.0	0.0
291+75.00	25	60.000	64.00	528.0	2384.3	0.000	0.00	0.0	0.0
292+00.00	25	52.000	56.00	462.0	2846.3	0.000	0.00	0.0	0.0
292+25.00	25	36.000	44.00	363.0	3209.3	0.000	0.00	0.0	0.0
292+50.00	25	18.000	27.00	222.8	3432.0	0.000	0.00	0.0	0.0

STRIPPING UNDER EXC: 127.1 CY

STRIPPING UNDER. EMB: 0.0 CY

TOTAL TOPSOIL AVAILABLE= 127.1 CY

DETOUR 1 TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
20+00		39.280				24.930			
20+50	50	43.040	41.16	679.1	679.1	25.170	25.05	413.3	413.3
21+00	50	40.690	41.87	690.8	1369.9	25.400	25.29	417.2	830.5
21+50	50	41.960	41.33	681.9	2051.8	25.630	25.52	421.0	1251.5
22+00	50	43.100	42.53	701.7	2753.5	25.870	25.75	424.9	1676.4
22+50	50	44.340	43.72	721.4	3474.9	26.100	25.99	428.8	2105.2
23+00	50	45.190	44.77	738.6	4213.5	26.340	26.22	432.6	2537.8
23+50	50	38.900	42.05	693.7	4907.3	25.270	25.81	425.8	2963.6
24+00	50	27.790	33.35	550.2	5457.5	22.510	23.89	394.2	3357.8
24+50	50	15.890	21.84	360.4	5817.8	19.750	21.13	348.6	3706.4
25+00	50	14.870	15.38	253.8	6071.6	16.980	18.37	303.0	4009.4
25+50	50	17.790	16.33	269.4	6341.0	14.260	15.62	257.7	4267.1
26+00	50	17.350	17.57	289.9	6630.9	13.580	13.92	229.7	4496.8
26+50	50	24.920	21.14	348.7	6979.7	10.260	11.92	196.7	4693.5
26+90.97	40.97	0.000	12.46	168.5	7148.1	0.000	5.13	69.4	4762.9

STRIPPING UNDER EXC: 264.7 CY

STRIPPING UNDER. EMB: 176.4 CY

TOTAL TOPSOIL AVAILABLE= 441.1 CY

DETOUR 2 TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: DATE: CHKD BY: DATE:
CALC. BY: DATE: CHKD BY: DATE:
STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL

DO NOT INCLUDE SINCE MAJORITY WOULD BE COVERED UNDER MAINLINE

DETOUR 3 TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
41+67.18		0.000				0.000			
	32.82		7.44	80.5	80.5		0.00	0.0	0.0
42+00		14.870				0.000			
	50		19.17	316.3	396.8		0.00	0.0	0.0
42+50		23.470				0.000			
	50		22.86	377.1	773.9		0.00	0.0	0.0
43+00		22.240				0.000			
	50		21.22	350.1	1124.1		2.84	46.8	46.8
43+50		20.200				5.670			
	50		19.74	325.6	1449.7		6.90	113.8	160.5
44+00		19.270				8.120			
	50		9.64	159.0	1608.7		18.75	309.4	469.9
44+50		0.000				29.380			
	50		0.00	0.0	1608.7		28.65	472.7	942.6
45+00		0.000				27.920			
	50		0.00	0.0	1608.7		24.80	409.1	1351.8
45+50		0.000				21.670			
	50		0.00	0.0	1608.7		10.84	178.8	1530.5
46+00		0.000				0.000			
	50		0.00	0.0	1608.7		0.00	0.0	1530.5
46+50		0.000				0.000			
	50		0.00	0.0	1608.7		0.00	0.0	1530.5
47+00		0.000				0.000			
	50		0.00	0.0	1608.7		0.00	0.0	1530.5
47+50		0.000				0.000			
	50		0.00	0.0	1608.7		0.00	0.0	1530.5
48+00		0.000				0.000			
	50		0.00	0.0	1608.7		0.00	0.0	1530.5
48+50		0.000				0.000			
	50		0.00	0.0	1608.7		0.00	0.0	1530.5
49+00		0.000				0.000			
	50		0.00	0.0	1608.7		0.00	0.0	1530.5
49+50		0.000				0.000			
	50		0.00	0.0	1608.7		0.00	0.0	1530.5
50+00		0.000				0.000			
	50		0.00	0.0	1608.7		0.00	0.0	1530.5
50+50		0.000				0.000			

DETOUR 3 TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
51+00	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	1530.5
51+50	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	1530.5
52+00	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	1530.5
52+50	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	1530.5
53+00	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	1530.5
53+50	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	1530.5
54+00	50	0.000	0.00	0.0	1608.7	0.000	3.28	54.0	1584.6
54+50	50	0.000	0.00	0.0	1608.7	6.550	6.85	112.9	1697.5
55+00	50	0.000	0.00	0.0	1608.7	7.140	4.15	68.4	1765.9
55+50	50	0.000	0.00	0.0	1608.7	1.150	6.24	102.9	1868.8
56+00	50	0.000	0.00	0.0	1608.7	11.320	9.13	150.6	2019.4
56+50	50	0.000	0.00	0.0	1608.7	6.930	3.47	57.2	2076.5
57+00	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	2076.5
57+50	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	2076.5
58+00	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	2076.5
58+50	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	2076.5
59+00	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	2076.5
59+50	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	2076.5
60+00	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	2076.5

DETOUR 3 TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 20-May-26
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
60+50	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	2076.5
61+00	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	2076.5
61+50	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	2076.5
62+00	50	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	2076.5
62+14.40	14.4	0.000	0.00	0.0	1608.7	0.000	0.00	0.0	2076.5

STRIPPING UNDER EXC: 59.6 CY

STRIPPING UNDER. EMB: 76.9 CY

TOTAL TOPSOIL AVAILABLE= 136.5 CY

NOTES:

1) STATIONS 46+00 TO 53+50, 56+50 TO 62+14.40 QUANTIFIED UNDER SR-28 QUANTI'

GROSS TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 5/20/2026
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
240+50.00	25	83.000	79.50	655.9	655.9	0.000	0.00	0.0	0.0
240+75.00	25	76.000	80.50	664.1	1320.0	0.000	0.00	0.0	0.0
241+00.00	25	85.000	91.00	750.8	2070.8	0.000	0.00	0.0	0.0
241+25.00	25	97.000	94.00	775.5	2846.3	0.000	0.00	0.0	0.0
241+50.00	25	91.000	72.50	598.1	3444.4	0.000	0.00	0.0	0.0
241+75.00	25	54.000	54.00	445.5	3889.9	0.000	0.00	0.0	0.0
242+00.00	25	54.000	54.00	445.5	4335.4	0.000	0.00	0.0	0.0
242+25.00	25	54.000	72.50	598.1	4933.5	0.000	0.00	0.0	0.0
242+50.00	25	91.000	91.00	750.8	5684.3	0.000	0.00	0.0	0.0
242+75.00	25	91.000	91.50	754.9	6439.1	0.000	0.00	0.0	0.0
243+00.00	25	92.000	90.50	746.6	7185.8	0.000	0.00	0.0	0.0
243+25.00	25	89.000	88.00	726.0	7911.8	0.000	0.00	0.0	0.0
243+50.00	25	87.000	86.00	709.5	8621.3	0.000	0.00	0.0	0.0
243+75.00	25	85.000	84.00	693.0	9314.3	0.000	0.00	0.0	0.0
244+00.00	25	83.000	84.00	693.0	10007.3	0.000	0.00	0.0	0.0
244+25.00	25	85.000	84.50	697.1	10704.4	0.000	0.00	0.0	0.0
244+50.00	25	84.000	79.00	651.8	11356.1	0.000	0.00	0.0	0.0
244+75.00	25	74.000	69.00	569.3	11925.4	0.000	0.00	0.0	0.0
245+00.00	25	64.000	59.00	486.8	12412.1	0.000	0.00	0.0	0.0
245+25.00		54.000				0.000			

GROSS TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 5/20/2026
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
245+50.00	25	55.000	54.50	449.6	12861.8	0.000	0.00	0.0	0.0
245+75.00	25	46.000	50.50	416.6	13278.4	0.000	0.00	0.0	0.0
245+95.00	20	37.000	41.50	273.9	13552.3	0.000	0.00	0.0	0.0

STRIPPING UNDER EXC: 501.9 CY

STRIPPING UNDER. EMB: 0.0 CY

TOTAL TOPSOIL AVAILABLE= 501.9 CY

HOLLOW TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 5/20/2026
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
310+75.00		124.000				0.000			
	25		117.50	969.4	969.4		0.00	0.0	0.0
311+00.00		111.000				0.000			
	25		98.00	808.5	1777.9		0.00	0.0	0.0
311+25.00		85.000				0.000			
	25		91.00	750.8	2528.6		0.00	0.0	0.0
311+50.00		97.000				0.000			
	25		94.50	779.6	3308.3		0.00	0.0	0.0
311+75.00		92.000				0.000			
	25		88.50	730.1	4038.4		0.00	0.0	0.0
312+00.00		85.000				0.000			
	25		79.50	655.9	4694.3		0.00	0.0	0.0
312+25.00		74.000				0.000			
	25		68.50	565.1	5259.4		0.00	0.0	0.0
312+50.00		63.000				0.000			
	25		57.50	474.4	5733.8		0.00	0.0	0.0
312+75.00		52.000				0.000			
	25		49.00	404.3	6138.0		0.00	0.0	0.0
313+00.00		46.000				0.000			
	25		42.50	350.6	6488.6		0.00	0.0	0.0
313+25.00		39.000				0.000			
	20.74		22.50	154.0	6642.6		0.00	0.0	0.0
313+45.74		6.000				0.000			

STRIPPING UNDER EXC: 246.0 CY

STRIPPING UNDER. EMB: 0.0 CY

TOTAL TOPSOIL AVAILABLE= 246.0 CY

MAYFAIR TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019

CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 5/20/2026

STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
180+75		8.000				35.000			
181+00	25	1.000	4.50	37.1	37.1	23.000	29.00	239.3	239.3
181+25	25	0.000	0.50	4.1	41.3	25.000	24.00	198.0	437.3
181+50	25	0.000	0.00	0.0	41.3	41.000	33.00	272.3	709.5
181+75	25	0.000	0.00	0.0	41.3	51.000	46.00	379.5	1089.0
182+00	25	0.000	0.00	0.0	41.3	59.000	55.00	453.8	1542.8
182+25	25	0.000	0.00	0.0	41.3	66.000	62.50	515.6	2058.4
182+50	25	0.000	0.00	0.0	41.3	65.000	65.50	540.4	2598.8
182+75	25	0.000	0.00	0.0	41.3	60.000	62.50	515.6	3114.4
183+00	25	0.000	0.00	0.0	41.3	43.000	51.50	424.9	3539.3
183+25	25	5.000	2.50	20.6	61.9	24.000	33.50	276.4	3815.6
183+50	25	15.000	10.00	82.5	144.4	16.000	20.00	165.0	3980.6
183+75	25	35.000	25.00	206.3	350.6	0.000	8.00	66.0	4046.6
184+00	25	4.000	19.50	160.9	511.5	0.000	0.00	0.0	4046.6

STRIPPING UNDER EXC: 18.9 CY

STRIPPING UNDER. EMB: 149.9 CY

TOTAL TOPSOIL AVAILABLE= 168.8 CY

OLD SR28 SOUTH TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 5/20/2026
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
300+25.00	25	87.000	84.00	693.0	693.0	0.000	0.00	0.0	0.0
300+50.00	25	81.000	79.50	655.9	1348.9	0.000	0.00	0.0	0.0
300+75.00	25	78.000	75.50	622.9	1971.8	0.000	0.00	0.0	0.0
301+00.00	25	73.000	72.00	594.0	2565.8	0.000	0.00	0.0	0.0
301+25.00	25	71.000	69.00	569.3	3135.0	0.000	0.00	0.0	0.0
301+50.00	25	67.000	69.50	573.4	3708.4	0.000	0.00	0.0	0.0
301+75.00	25	72.000	71.00	585.8	4294.1	0.000	0.00	0.0	0.0
302+00.00	25	70.000	69.50	573.4	4867.5	0.000	0.00	0.0	0.0
302+25.00	25	69.000	68.50	565.1	5432.6	0.000	0.00	0.0	0.0
302+50.00	25	68.000	66.50	548.6	5981.3	0.000	0.00	0.0	0.0
302+75.00	25	65.000	64.00	528.0	6509.3	0.000	0.00	0.0	0.0
303+00.00	25	63.000	62.00	511.5	7020.8	0.000	0.00	0.0	0.0
303+25.00	25	61.000	62.00	511.5	7532.3	0.000	0.00	0.0	0.0
303+50.00	25	63.000	61.50	507.4	8039.6	0.000	0.00	0.0	0.0
303+75.00	25	60.000	54.00	445.5	8485.1	0.000	0.00	0.0	0.0
304+00.00	25	48.000	45.00	371.3	8856.4	0.000	0.00	0.0	0.0
304+25.00	25	42.000	42.00	346.5	9202.9	0.000	0.00	0.0	0.0
304+50.00	25	42.000	39.50	325.9	9528.8	0.000	0.00	0.0	0.0
304+75.00	25	37.000	18.50	152.6	9681.4	0.000	0.00	0.0	0.0
305+00.00		0.000				0.000			

OLD SR28 SOUTH TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019

CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 5/20/2026

STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL

STRIPPING UNDER EXC: 358.6 CY

STRIPPING UNDER. EMB: 0.0 CY

TOTAL TOPSOIL AVAILABLE= 358.6 CY

OLD SR28 EAST TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: MR DATE: 5/20/2026
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
330+50.00	25	86.000	76.50	631.1	631.1	0.000	0.00	0.0	0.0
330+75.00	25	67.000	60.00	495.0	1126.1	0.000	0.00	0.0	0.0
331+00.00	25	53.000	48.00	396.0	1522.1	0.000	1.00	8.3	8.3
331+25.00	25	43.000	42.00	346.5	1868.6	2.000	1.00	8.3	16.5
331+50.00	25	41.000	36.00	297.0	2165.6	0.000	0.00	0.0	16.5
331+75.00	5	31.000	27.50	45.4	2211.0	0.000	0.00	0.0	16.5
331+80.00	20	24.000	21.00	138.6	2349.6	0.000	0.00	0.0	16.5
332+00.00	25	18.000	13.00	107.3	2456.9	0.000	0.00	0.0	16.5
332+25.00		8.000				0.000			

STRIPPING UNDER EXC: 91.0 CY

STRIPPING UNDER. EMB: 0.6 CY

TOTAL TOPSOIL AVAILABLE= 91.6 CY

OLD SR-28 WEST TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: Old SR-28 West

CALC. BY: MR DATE: 1/1/2020 CHKD BY: MR DATE: 1/1/2020

CALC. BY: DATE: CHKD BY: DS DATE: 5/20/2026

STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
320+15.08	9.92	16.350	15.09	49.4	49.4	4.310	9.12	29.8	29.8
320+25.00	25	13.830	21.03	173.5	222.9	13.920	6.96	57.4	87.3
320+50.00	25	28.230	34.63	285.7	508.6	0.000	0.00	0.0	87.3
320+75.00	25	41.020	45.56	375.8	884.4	0.000	0.00	0.0	87.3
321+00.00	25	50.090	57.11	471.2	1355.5	0.000	0.00	0.0	87.3
321+25.00	25	64.130	66.12	545.5	1901.0	0.000	0.00	0.0	87.3
321+50.00	25	68.110	72.86	601.1	2502.1	0.000	0.00	0.0	87.3
321+75.00	25	77.610	80.27	662.2	3164.3	0.000	0.00	0.0	87.3
322+00.00	25	82.920	87.45	721.4	3885.7	0.000	0.00	0.0	87.3
322+25.00	25	91.970	99.98	824.8	4710.5	0.000	0.00	0.0	87.3
322+50.00	25	107.980	108.91	898.5	5609.0	0.000	0.00	0.0	87.3
322+75.00	25	109.830	105.86	873.3	6482.3	0.000	0.00	0.0	87.3
323+00.00	25	101.890	99.04	817.1	7299.4	0.000	0.00	0.0	87.3
323+25.00	25	96.190	108.05	891.4	8190.8	0.000	0.00	0.0	87.3
323+50.00	25	119.900	119.97	989.7	9180.5	0.000	0.00	0.0	87.3
323+75.00	25	120.030	117.52	969.5	10150.0	0.000	0.00	0.0	87.3
324+00.00	25	115.010	115.88	956.0	11106.0	0.000	0.00	0.0	87.3
324+25.00	25	116.740	118.67	979.0	12085.0	0.000	0.00	0.0	87.3
324+50.00		120.600				0.000			

STRIPPING UNDER EXC: 447.6 CY

STRIPPING UNDER. EMB: 3.2 CY

OLD SR-28 WEST TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: Old SR-28 West

CALC. BY: MR DATE: 1/1/2020 CHKD BY: MR DATE: 1/1/2020
CALC. BY: DATE: CHKD BY: DS DATE: 5/20/2026
STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL

TOTAL TOPSOIL AVAILABLE= 450.8 CY

PRYOR TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 5/20/2026
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
260+16.95	8.05	6.000	7.50	19.9	19.9	0.000	0.00	0.0	0.0
260+25.00	25	9.000	31.50	259.9	279.8	0.000	0.00	0.0	0.0
260+50.00	25	54.000	54.50	449.6	729.4	0.000	0.00	0.0	0.0
260+75.00	25	55.000	57.50	474.4	1203.8	0.000	0.00	0.0	0.0
261+00.00	25	60.000	58.50	482.6	1686.4	0.000	0.00	0.0	0.0
261+25.00	25	57.000	66.00	544.5	2230.9	0.000	0.00	0.0	0.0
261+50.00	25	75.000	75.00	618.8	2849.7	0.000	0.00	0.0	0.0
261+75.00	25	75.000	78.00	643.5	3493.2	0.000	0.00	0.0	0.0
262+00.00	25	81.000	83.00	684.8	4177.9	0.000	0.00	0.0	0.0
262+25.00	25	85.000	89.00	734.3	4912.2	0.000	0.00	0.0	0.0
262+50.00	25	93.000	96.50	796.1	5708.3	0.000	0.00	0.0	0.0
262+75.00	25	100.000	104.00	858.0	6566.3	0.000	0.00	0.0	0.0
263+00.00	25	108.000	111.00	915.8	7482.0	0.000	0.00	0.0	0.0
263+25.00	25	114.000	116.00	957.0	8439.0	0.000	0.00	0.0	0.0
263+50.00	25	118.000	118.50	977.6	9416.7	0.000	0.00	0.0	0.0
263+75.00	25	119.000	121.50	1002.4	10419.0	0.000	0.00	0.0	0.0
264+00.00	25	124.000	126.50	1043.6	11462.7	0.000	0.00	0.0	0.0
264+25.00	25	129.000	132.50	1093.1	12555.8	0.000	0.00	0.0	0.0
264+50.00	25	136.000	139.00	1146.8	13702.5	0.000	0.00	0.0	0.0
264+75.00	25	142.000	122.00	1006.5	14709.0	0.000	0.00	0.0	0.0

PRYOR TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 5/20/2026
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
265+00.00	25	102.000	117.50	969.4	15678.4	0.000	0.00	0.0	0.0
265+25.00		133.000				0.000			

STRIPPING UNDER EXC: 580.7 CY

STRIPPING UNDER. EMB: 0.0 CY

TOTAL TOPSOIL AVAILABLE= 580.7 CY

RECTOR TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 5/20/2026
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
231+65.00	10	15.000	20.50	67.7	67.7	0.000	0.00	0.0	0.0
231+75.00	25	26.000	35.00	288.8	356.4	0.000	0.00	0.0	0.0
232+00.00	25	44.000	42.50	350.6	707.0	0.000	0.50	4.1	4.1
232+25.00	25	41.000	39.00	321.8	1028.8	1.000	2.50	20.6	24.8
232+50.00	25	37.000	35.00	288.8	1317.5	4.000	5.00	41.3	66.0
232+75.00	25	33.000	30.00	247.5	1565.0	6.000	7.50	61.9	127.9
233+00.00	25	27.000	38.00	313.5	1878.5	9.000	11.50	94.9	222.8
233+25.00		49.000				14.000			

STRIPPING UNDER EXC: 69.6 CY

STRIPPING UNDER. EMB: 8.3 CY

TOTAL TOPSOIL AVAILABLE= 77.8 CY

SB TRANS LT TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019

CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 5/20/2026

STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
10+00.00		47.000				0.000			
	50		44.50	734.3	734.3		0.00	0.0	0.0
10+50.00		42.000				0.000			
	50		41.50	684.8	1419.0		0.00	0.0	0.0
11+00.00		41.000				0.000			
	50		40.00	660.0	2079.0		0.00	0.0	0.0
11+50.00		39.000				0.000			
	50		36.50	602.3	2681.3		0.00	0.0	0.0
12+00.00		34.000				0.000			
	50		29.00	478.5	3159.8		0.00	0.0	0.0
12+50.00		24.000				0.000			
	50		22.00	363.0	3522.8		11.00	181.5	181.5
13+00.00		20.000				22.000			
	50		21.00	346.5	3869.3		21.50	354.8	536.3
13+50.00		22.000				21.000			
	50		19.50	321.8	4191.0		23.00	379.5	915.8
14+00.00		17.000				25.000			
	50		17.50	288.8	4479.8		25.00	412.5	1328.3
14+50.00		18.000				25.000			
	50		22.00	363.0	4842.8		24.50	404.3	1732.5
15+00.00		26.000				24.000			
	50		29.00	478.5	5321.3		23.50	387.8	2120.3
15+50.00		32.000				23.000			
	50		33.50	552.8	5874.0		22.50	371.3	2491.5
16+00.00		35.000				22.000			
	22.9		35.00	264.5	6138.5		22.00	166.3	2657.8
16+22.90		35.000				22.000			

STRIPPING UNDER EXC: 227.4 CY

STRIPPING UNDER. EMB: 98.4 CY

TOTAL TOPSOIL AVAILABLE= 325.8 CY

SB TRANS RT TOPSOIL STRIPPING

PROJECT #: 090019 PROJECT DESCRIPTION: STATE ROUTE 28

CALC. BY: CL DATE: JULY 2019 CHKD BY: CL DATE: JULY 2019
 CALC. BY: MR DATE: 20-May-26 CHKD BY: DS DATE: 5/20/2026
 STRIPPING DEPTH: 0.33 ft

STATION	DIST	IN EXCAVATION AREAS				IN EMBANKMENT AREAS			
		WIDTH	WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL	WIDTH	AVERAGE WIDTH	VOLUME (FT3)	CUMULATIVE TOTAL
10+00.00		43.000				0.000			
	50		39.50	651.8	651.8		0.00	0.0	0.0
10+50.00		36.000				0.000			
	50		35.00	577.5	1229.3		3.00	49.5	49.5
11+00.00		34.000				6.000			
	50		31.00	511.5	1740.8		6.50	107.3	156.8
11+50.00		28.000				7.000			
	50		26.00	429.0	2169.8		3.50	57.8	214.5
12+00.00		24.000				0.000			
	50		22.00	363.0	2532.8		0.00	0.0	214.5
12+50.00		20.000				0.000			
	50		18.00	297.0	2829.8		0.00	0.0	214.5
13+00.00		16.000				0.000			
	50		16.50	272.3	3102.0		0.00	0.0	214.5
13+50.00		17.000				0.000			
	50		16.50	272.3	3374.3		0.00	0.0	214.5
14+00.00		16.000				0.000			
	50		14.00	231.0	3605.3		1.00	16.5	231.0
14+50.00		12.000				2.000			
	50		13.00	214.5	3819.8		2.00	33.0	264.0
15+00.00		14.000				2.000			
	50		14.50	239.3	4059.0		2.00	33.0	297.0
15+50.00		15.000				2.000			
	50		15.00	247.5	4306.5		2.50	41.3	338.3
16+00.00		15.000				3.000			
	17.36		17.50	100.3	4406.8		3.00	17.2	355.4
16+17.36		20.000				3.000			

STRIPPING UNDER EXC: 163.2 CY

STRIPPING UNDER. EMB: 13.2 CY

TOTAL TOPSOIL AVAILABLE= 176.4 CY

PROPOSED TOPSOIL QUANTITIES

CALC. BY: RANDALL

DATE:

CHKD. BY: SCHWALM

DATE: 3/30/2026

SHRINKAGE: 100%

Section	Area (sf)	Depth (ft)	Volume (CY)
SR-28 (Earth)	1925236.56	0.25	35653
Byers	14419.04	0.25	267
Clear Creek	0.00	0.25	0
Conley	0.00	0.25	0
Detour 1	9835.26	0.25	182
Detour 2	14334.55	0.25	265
Detour 3	34767.88	0.25	644
Gross Road	0.00	0.25	0
Hollow	0.00	0.25	0
Mayfair	29442.84	0.25	545
Old SR 28 S	0.00	0.25	0
Old SR 28 E	7.75	0.25	0
Old SR 28 W	57.42	0.25	1
Pryor	0.00	0.25	0
Rector	5785.79	0.25	107
SB Transition LT	7010.09	0.25	130
SB Transition RT	218.13	0.25	4
Environmental Impacts	233332.39	0.25	4321

TOTAL VOLUME: 42,119 CY