

GRADING REPORT

COMPUTED BY:
 CHECKED BY:
 FEDERAL PROJECT NO:
 ROUTE NO. OR STREET:

SHEET 1 OF 16
 STATE NO.:
 PIN:
 COUNTY:

Mainline

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

57+10.00 EARTH

Excavation	20	0	0	0.90		0	0
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	0	0	0

57+30.00 EARTH

Excavation	38	21	19	0.90		21	19
Subsoil Exc	0	0	0	1.00		0	0
Fill	2	1	1	1.00	18	1	1

57+40.00 EARTH

Excavation	43	15	14	0.90		36	33
Subsoil Exc	0	0	0	1.00		0	0
Fill	3	1	1	1.00	31	2	2

57+50.00 EARTH

Excavation	45	16	15	0.90		52	48
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	1	1	1.00	45	3	3

TOPSOIL

Excavation	20	4	2	0.50		4	2
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Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	45	0	0

Mass ordinate for TOPSOIL = 2

58+00.00 EARTH

Excavation	28	68	61	0.90		120	109
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	106	3	3

TOPSOIL

Excavation	21	38	19	0.50		42	21
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	106	0	0

Mass ordinate for TOPSOIL = 21

58+50.00 EARTH

Excavation	16	41	37	0.90		161	146
Subsoil Exc	0	0	0	1.00		0	0
Fill	1	1	1	1.00	142	4	4

TOPSOIL

Excavation	16	34	17	0.50		76	38
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	142	0	0

Mass ordinate for TOPSOIL = 38

59+00.00 EARTH

Excavation	16	30	27	0.90		191	173
Subsoil Exc	0	0	0	1.00		0	0
Fill	10	10	10	1.00	159	14	14

TOPSOIL

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Excavation	18	31	16	0.50		107	54
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	159	0	0
Mass ordinate for TOPSOIL = 54							

59+50.00 EARTH

Excavation	13	27	24	0.90		218	197
Subsoil Exc	0	0	0	1.00		0	0
Fill	164	161	161	1.00	22	175	175

TOPSOIL

Excavation	14	30	15	0.50		137	69
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	22	0	0
Mass ordinate for TOPSOIL = 69							

60+00.00 EARTH

Excavation	16	27	24	0.90		245	221
Subsoil Exc	0	0	0	1.00		0	0
Fill	111	255	255	1.00	-209	430	430

TOPSOIL

Excavation	15	27	13	0.50		164	82
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-209	0	0
Mass ordinate for TOPSOIL = 82							

60+50.00 EARTH

Excavation	45	56	51	0.90		301	272
Subsoil Exc	0	0	0	1.00		0	0
Fill	62	160	160	1.00	-318	590	590

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TOPSOIL

Excavation	22	34	17	0.50		198	99
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-318	0	0
Mass ordinate for TOPSOIL = 99							

61+00.00 EARTH

Excavation	49	87	78	0.90		388	350
Subsoil Exc	0	0	0	1.00		0	0
Fill	43	97	97	1.00	-337	687	687

TOPSOIL

Excavation	20	39	19	0.50		237	118
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-337	0	0
Mass ordinate for TOPSOIL = 118							

61+50.00 EARTH

Excavation	58	99	89	0.90		487	439
Subsoil Exc	0	0	0	1.00		0	0
Fill	65	100	100	1.00	-348	787	787

TOPSOIL

Excavation	20	37	19	0.50		274	137
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-348	0	0
Mass ordinate for TOPSOIL = 137							

62+00.00 EARTH

Excavation	57	106	96	0.90		593	535
Subsoil Exc	0	0	0	1.00		0	0

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Fill	67	122	122	1.00	-374	909	909
TOPSOIL							
Excavation	20	37	19	0.50		311	156
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-374	0	0
Mass ordinate for TOPSOIL = 156							

62+50.00 EARTH

Excavation	62	110	99	0.90		703	634
Subsoil Exc	0	0	0	1.00		0	0
Fill	58	116	116	1.00	-391	1025	1025
TOPSOIL							
Excavation	21	38	19	0.50		349	175
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-391	0	0
Mass ordinate for TOPSOIL = 175							

63+00.00 EARTH

Excavation	59	112	101	0.90		815	735
Subsoil Exc	0	0	0	1.00		0	0
Fill	5	58	58	1.00	-348	1083	1083
TOPSOIL							
Excavation	18	36	18	0.50		385	193
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-348	0	0
Mass ordinate for TOPSOIL = 193							

63+50.00 EARTH

Excavation	90	138	124	0.90		953	859
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Subsoil Exc	0	0	0	1.00		0	0
Fill	8	12	12	1.00	-236	1095	1095

TOPSOIL

Excavation	28	43	21	0.50		428	214
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-236	0	0

Mass ordinate for TOPSOIL = 214

64+00.00 EARTH

Excavation	6	89	80	0.90		1042	939
Subsoil Exc	0	0	0	1.00		0	0
Fill	58	61	61	1.00	-217	1156	1156

TOPSOIL

Excavation	4	30	15	0.50		458	229
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-217	0	0

Mass ordinate for TOPSOIL = 229

64+50.00 EARTH

Excavation	30	33	30	0.90		1075	969
Subsoil Exc	0	0	0	1.00		0	0
Fill	96	143	143	1.00	-330	1299	1299

TOPSOIL

Excavation	19	21	11	0.50		479	240
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-330	0	0

Mass ordinate for TOPSOIL = 240

65+00.00 EARTH

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Excavation	31	56	51	0.90		1131	1020
Subsoil Exc	0	0	0	1.00		0	0
Fill	82	165	165	1.00	-444	1464	1464
TOPSOIL							
Excavation	19	35	18	0.50		514	258
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-444	0	0
Mass ordinate for TOPSOIL = 258							

65+50.00 EARTH

Excavation	36	62	56	0.90		1193	1076
Subsoil Exc	0	0	0	1.00		0	0
Fill	65	136	136	1.00	-524	1600	1600
TOPSOIL							
Excavation	20	36	18	0.50		550	276
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-524	0	0
Mass ordinate for TOPSOIL = 276							

66+00.00 EARTH

Excavation	37	68	61	0.90		1261	1137
Subsoil Exc	0	0	0	1.00		0	0
Fill	55	111	111	1.00	-574	1711	1711
TOPSOIL							
Excavation	20	37	19	0.50		587	295
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-574	0	0
Mass ordinate for TOPSOIL = 295							

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66+50.00 EARTH

Excavation	38	69	62	0.90		1330	1199
Subsoil Exc	0	0	0	1.00		0	0
Fill	56	103	103	1.00	-615	1814	1814

TOPSOIL

Excavation	21	38	19	0.50		625	314
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-615	0	0

Mass ordinate for TOPSOIL = 314

67+00.00 EARTH

Excavation	50	81	73	0.90		1411	1272
Subsoil Exc	0	0	0	1.00		0	0
Fill	20	70	70	1.00	-612	1884	1884

TOPSOIL

Excavation	21	39	19	0.50		664	333
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-612	0	0

Mass ordinate for TOPSOIL = 333

67+50.00 EARTH

Excavation	71	112	101	0.90		1523	1373
Subsoil Exc	0	0	0	1.00		0	0
Fill	10	28	28	1.00	-539	1912	1912

TOPSOIL

Excavation	25	43	21	0.50		707	354
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-539	0	0

Mass ordinate for TOPSOIL = 354

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68+00.00 EARTH

Excavation	75	135	122	0.90		1658	1495
Subsoil Exc	0	0	0	1.00		0	0
Fill	4	13	13	1.00	-430	1925	1925

TOPSOIL

Excavation	28	49	25	0.50		756	379
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-430	0	0

Mass ordinate for TOPSOIL = 379

68+50.00 EARTH

Excavation	74	138	124	0.90		1796	1619
Subsoil Exc	0	0	0	1.00		0	0
Fill	8	11	11	1.00	-317	1936	1936

TOPSOIL

Excavation	29	53	26	0.50		809	405
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-317	0	0

Mass ordinate for TOPSOIL = 405

69+00.00 EARTH

Excavation	78	141	127	0.90		1937	1746
Subsoil Exc	0	0	0	1.00		0	0
Fill	6	13	13	1.00	-203	1949	1949

TOPSOIL

Excavation	25	50	25	0.50		859	430
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-203	0	0

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Mass ordinate for TOPSOIL = 430

69+50.00 EARTH

Excavation	60	128	115	0.90		2065	1861
Subsoil Exc	0	0	0	1.00		0	0
Fill	2	7	7	1.00	-95	1956	1956

TOPSOIL

Excavation	25	46	23	0.50		905	453
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-95	0	0

Mass ordinate for TOPSOIL = 453

69+70.00 EARTH

Excavation	45	39	35	0.90		2104	1896
Subsoil Exc	0	0	0	1.00		0	0
Fill	5	3	3	1.00	-63	1959	1959

TOPSOIL

Excavation	25	19	9	0.50		924	462
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-63	0	0

Mass ordinate for TOPSOIL = 462

69+90.00 EARTH

Excavation	45	33	30	0.90		2137	1926
Subsoil Exc	0	0	0	1.00		0	0
Fill	1	2	2	1.00	-35	1961	1961

TOPSOIL

Excavation	21	17	9	0.50		941	471
Subsoil Exc	0	0	0	1.00		0	0

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Fill	0	0	0	1.00	-35	0	0
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Mass ordinate for TOPSOIL = 471

70+00.00 EARTH

Excavation	24	13	12	0.90		2150	1938
Subsoil Exc	0	0	0	1.00		0	0
Fill	4	1	1	1.00	-24	1962	1962

TOPSOIL

Excavation	11	6	3	0.50		947	474
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-24	0	0

Mass ordinate for TOPSOIL = 474

70+10.00 EARTH

Excavation	13	7	6	0.90		2157	1944
Subsoil Exc	0	0	0	1.00		0	0
Fill	4	1	1	1.00	-19	1963	1963

TOPSOIL

Excavation	8	4	2	0.50		951	476
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-19	0	0

Mass ordinate for TOPSOIL = 476

70+30.00 EARTH

Excavation	13	10	9	0.90		2167	1953
Subsoil Exc	0	0	0	1.00		0	0
Fill	3	3	3	1.00	-13	1966	1966

TOPSOIL

Excavation	8	6	3	0.50		957	479
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Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-13	0	0

Mass ordinate for TOPSOIL = 479

70+50.00 EARTH

Excavation	6	7	6	0.90		2174	1959
Subsoil Exc	0	0	0	1.00		0	0
Fill	2	2	2	1.00	-9	1968	1968

TOPSOIL

Excavation	5	5	2	0.50		962	481
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-9	0	0

Mass ordinate for TOPSOIL = 481

70+70.00 EARTH

Excavation	1	3	2	0.90		2177	1961
Subsoil Exc	0	0	0	1.00		0	0
Fill	1	1	1	1.00	-8	1969	1969

TOPSOIL

Excavation	3	3	1	0.50		965	482
Subsoil Exc	0	0	0	1.00		0	0
Fill	0	0	0	1.00	-8	0	0

Mass ordinate for TOPSOIL = 482

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G R A N D S U M M A R Y T O T A L S

Material Name	Unadjusted	Adjusted	Mult
	Volumes	Volumes	Factor
	(cu. yd.)	(cu. yd.)	

 EARTH

Excavation	2177	1961	0.90
Subsoil Exc	0	0	1.00
Fill	1969	1969	1.00

TOPSOIL

Excavation	965	482	0.50
Subsoil Exc	0	0	1.00
Fill	0	0	1.00

SR 225

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

 54+50.00 EARTH

Excavation	14	0	0	0.90		0	0
Fill	14	0	0	1.00	0	0	0

55+00.00 EARTH

Excavation	4	17	15	0.90		17	15
Fill	74	81	81	1.00	-66	81	81

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G R A N D S U M M A R Y T O T A L S

Material Name	Unadjusted	Adjusted	Mult
	Volumes	Volumes	Factor
	(cu. yd.)	(cu. yd.)	

EARTH

Excavation	17	15	0.90
Fill	81	81	1.00

Wayne Harris Road

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

30+50.00 EARTH

Excavation	105	0	0	0.90		0	0
Fill	2	0	0	1.00	0	0	0

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

EARTH

Excavation	0	0	0.90
Fill	0	0	1.00

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S P L I T S U M M A R Y T O T A L S

	XS Quant	XS Quant	Add/Sub Quant	Add/Sub Quant	
Material Name	Unadjusted	Adjusted	Unadjusted	Adjusted	Mult
	Volume	Volume	Volume	Volume	Factor
	(cu. yd.)	(cu. yd.)	(cu. yd.)	(cu. yd.)	

EARTH

Excavation	0	0	0	0	0.90
Fill	0	0	0	0	1.00