

GRADING REPORT

COMPUTED BY: Fritz Brogdon, PE
 CHECKED BY: Erin Woodson, PE
 FEDERAL PROJECT NO: STP-8(52)
 ROUTE NO. OR STREET: SR-8

SHEET 1 OF 24
 STATE NO.: 33021-3231-14
 PIN:124080.00
 COUNTY: Hamilton

Copy the Grading Quantities table from the Estimated Quantities sheet here.

ESTIMATED GRADING QUANTITIES								
DESCRIPTION		UNADJUSTED VOLUMES (CY)		ADJUSTED VOLUMES (CY)	BALANCE SUMMARY			
		EXC.	EMB.	EXC.	SHRINK = 15 % SWELL= 15 %			
MAINLINE		9695	3689	8241	EMB.	EXC.		
SIDE ROADS		0	0	0				
PVT. DRIVES, BUSINESS AND FIELD ENTRANCES		0	0	0				
INDEPENDENT DITCHES		0	0	0				
TEMPORARY CONSTRUCTION EXITS		36	0	31				
OTHER (BRIDGE EXCAVATION, PAVEMENT, ETC...)		0	0	0	3,689	VS -8,272		
TOPSOIL (EMB.)		815			AVAILABLE	= -4,583		
TOPSOIL (EXC.)		2445						
TOPSOIL TOTALS (SEE TOPSOIL TAB)							BORROW MATERIAL =	0
ROCK (C.Y.)		TOTALS (C.Y.)						
EXC.	EMB.	EXC. (UNCL)	EMB. (UNCL)	EXC. (COMMON)	EXC (AVAL.)	EXC. (ADJ.)		
0	0	12991	3689	12991	9731	8272		

Output File: SR-8_EW_26.log

```

1      1      1
1      2      2
1      3      3 Earthwork
1      4      4
1      5      5 tolerance = 0.200000
1      6      6
1      7      7 vertical search distance = 500.000000
1      8      8
1      9      9 xs dgn = pw:\01 Active Projects\30046292\400_CAD\HTSR08MainlineSections - Earthwork.dgn
1     10     10
1     11     11      Proposed Finish Grade
1     12     12          soil type = Earth
1     13     13          roadway exc mult factor = 0.850000
1     14     14          subsoil exc mult factor = 1.000000
1     15     15          fill mult factor = 1.000000
1     16     16          type = line, line_string
1     17     17          lc = 0
    
```

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SHEET 2 OF 24
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1	18	18	co = 3,8
1	19	19	
1	20	20	Existing Ground Line
1	21	21	soil type = Earth
1	22	22	roadway exc mult factor = 0.850000
1	23	23	subsoil exc mult factor = 1.000000
1	24	24	fill mult factor = 1.000000
1	25	25	type = line, line_string
1	26	26	lvname = SURVEY - GROUND - Top of Ground
1	27	27	lc = 3
1	28	28	co = 0
1	29	29	
1	30	30	Excavation Limit
1	31	31	type = line
1	32	32	lvname = DESIGN - TYPICAL - Finished Grade and Subgrade
1	33	33	lvname = DESIGN - EARTHWORK - Excavation Limit Lines
1	34	34	lc = 0
1	35	35	co = 0,3,8
1	36	36	
1	37	37	Write Earthwork Shapes
1	38	38	plot param
1	39	39	lv = 0
1	40	40	lvname = Default
1	41	41	co = ByLevel
1	42	42	wt = ByLevel
1	43	43	lc = ByLevel
1	44	44	Stratify Shape Color
1	45	45	
1	46	46	combine common exc + subgrade exc + subsoil exc

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SHEET **3** OF **24**
STATE NO.: 33021-3231-14
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COMPUTING EARTHWORKS FOR BASELINE = SR8

COMPUTING EARTHWORKS FOR JOB = 250

FORMING LIST OF XSCCELLS

BEGINNING EARTHWORKS COMPUTATION

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SHEET 4 OF 24
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Station	Material Name	End Areas (sq. ft.)	Unadjusted Volumes (cu. yd.)	Adjusted Volumes (cu. yd.)	Mult Factor	Mass Ordinate	Accum Unadj Vol (cu. yd.)	Accum Adj Vol (cu. yd.)

739+00.00	EARTH							
	Excavation	32.65	0	0	0.85		0	0
	Fill	0.06	0	0	1.00	0	0	0
740+00.00	EARTH							
	Excavation	20.98	99	84	0.85		99	84
	Fill	0.00	0	0	1.00	84	0	0
740+50.00	EARTH							
	Excavation	8.36	27	23	0.85		126	107
	Fill	0.10	0	0	1.00	107	0	0
741+00.00	EARTH							
	Excavation	26.95	33	28	0.85		159	135
	Fill	2.27	2	2	1.00	133	2	2
741+50.00	EARTH							
	Excavation	14.29	38	32	0.85		197	167
	Fill	0.00	2	2	1.00	163	4	4
742+50.00	EARTH							
	Excavation	23.99	71	60	0.85		268	227
	Fill	1.26	2	2	1.00	221	6	6
743+00.00	EARTH							

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SHEET 5 OF 24
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Excavation	30.55	51	43	0.85		319	270
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Fill	2.99	4	4	1.00	260	10	10
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743+50.00 EARTH

Excavation	5.09	33	28	0.85		352	298
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Fill	0.66	3	3	1.00	285	13	13
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744+00.00 EARTH

Excavation	1.47	6	5	0.85		358	303
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Fill	0.04	1	1	1.00	289	14	14
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744+50.00 EARTH

Excavation	0.05	1	1	0.85		359	304
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Fill	0.41	0	0	1.00	290	14	14
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XS-NOES no earthwork surfaces for station 746+00.00

746+50.00 EARTH

Excavation	32.42	120	102	0.85		479	406
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Fill	1.64	8	8	1.00	384	22	22
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XS-NOES no earthwork surfaces for station 747+00.00

747+50.00 EARTH

Excavation	10.38	79	67	0.85		558	473
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Fill	4.74	12	12	1.00	439	34	34
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748+00.00 EARTH

Excavation	79.06	83	70	0.85		641	543
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Fill	4.75	9	9	1.00	500	43	43
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748+50.00 EARTH

Excavation	121.67	186	158	0.85		827	701
Fill	2.98	7	7	1.00	651	50	50

749+00.00 EARTH

Excavation	38.97	149	126	0.85		976	827
Fill	1.04	4	4	1.00	773	54	54

749+50.00 EARTH

Excavation	61.65	93	79	0.85		1069	906
Fill	2.18	3	3	1.00	849	57	57

750+00.00 EARTH

Excavation	112.00	161	137	0.85		1230	1043
Fill	3.79	6	6	1.00	980	63	63

750+50.00 EARTH

Excavation	68.51	167	142	0.85		1397	1185
Fill	1.70	5	5	1.00	1117	68	68

751+00.00 EARTH

Excavation	98.44	155	131	0.85		1552	1316
Fill	2.51	4	4	1.00	1244	72	72

751+50.00 EARTH

Excavation	142.16	223	189	0.85		1775	1505
Fill	0.72	3	3	1.00	1430	75	75

751+85.00 EARTH

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Excavation	0.00	92	78	0.85		1867	1583
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Fill	10.91	8	8	1.00	1500	83	83
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752+00.00 EARTH

Excavation	0.00	0	0	0.85		1867	1583
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Fill	3.45	4	4	1.00	1496	87	87
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752+50.00 EARTH

Excavation	6.31	6	5	0.85		1873	1588
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Fill	1.99	5	5	1.00	1496	92	92
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753+00.00 EARTH

Excavation	0.25	6	5	0.85		1879	1593
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Fill	3.64	5	5	1.00	1496	97	97
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753+50.00 EARTH

Excavation	0.08	0	0	0.85		1879	1593
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Fill	2.31	6	6	1.00	1490	103	103
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754+00.00 EARTH

Excavation	0.00	0	0	0.85		1879	1593
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Fill	5.31	7	7	1.00	1483	110	110
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754+50.00 EARTH

Excavation	0.00	0	0	0.85		1879	1593
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Fill	3.85	8	8	1.00	1475	118	118
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755+00.00 EARTH

Excavation	0.00	0	0	0.85		1879	1593
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Fill	2.65	6	6	1.00	1469	124	124
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755+50.00 EARTH

Excavation	5.39	5	4	0.85		1884	1597
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Fill	5.78	8	8	1.00	1465	132	132
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756+00.00 EARTH

Excavation	26.25	29	25	0.85		1913	1622
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Fill	0.00	5	5	1.00	1485	137	137
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757+00.00 EARTH

Excavation	0.00	49	41	0.85		1962	1663
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Fill	1.20	2	2	1.00	1524	139	139
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757+50.00 EARTH

Excavation	0.00	0	0	0.85		1962	1663
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Fill	6.85	7	7	1.00	1517	146	146
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758+00.00 EARTH

Excavation	0.00	0	0	0.85		1962	1663
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Fill	9.15	15	15	1.00	1502	161	161
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758+50.00 EARTH

Excavation	0.00	0	0	0.85		1962	1663
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Fill	4.17	12	12	1.00	1490	173	173
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758+80.00 EARTH

Excavation	76.44	42	36	0.85		2004	1699
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Fill	0.09	2	2	1.00	1524	175	175
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759+00.00 EARTH

Excavation	0.00	28	24	0.85		2032	1723
Fill	111.88	41	41	1.00	1507	216	216

759+50.00 EARTH

Excavation	34.70	32	27	0.85		2064	1750
Fill	5.37	109	109	1.00	1425	325	325

760+00.00 EARTH

Excavation	0.23	32	27	0.85		2096	1777
Fill	1.57	6	6	1.00	1446	331	331

760+50.00 EARTH

Excavation	0.16	0	0	0.85		2096	1777
Fill	2.02	3	3	1.00	1443	334	334

761+00.00 EARTH

Excavation	3.76	4	3	0.85		2100	1780
Fill	0.00	2	2	1.00	1444	336	336

761+50.00 EARTH

Excavation	17.96	20	17	0.85		2120	1797
Fill	15.33	14	14	1.00	1447	350	350

762+00.00 EARTH

Excavation	9.62	26	22	0.85		2146	1819
Fill	11.30	25	25	1.00	1444	375	375

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762+50.00 EARTH

Excavation	30.13	37	31	0.85		2183	1850
Fill	5.24	15	15	1.00	1460	390	390

763+00.00 EARTH

Excavation	39.38	64	55	0.85		2247	1905
Fill	8.23	12	12	1.00	1503	402	402

763+50.00 EARTH

Excavation	75.60	106	90	0.85		2353	1995
Fill	7.59	15	15	1.00	1578	417	417

764+00.00 EARTH

Excavation	76.67	141	120	0.85		2494	2115
Fill	1.23	8	8	1.00	1690	425	425

764+50.00 EARTH

Excavation	36.05	104	89	0.85		2598	2204
Fill	38.95	37	37	1.00	1742	462	462

765+00.00 EARTH

Excavation	67.77	96	82	0.85		2694	2286
Fill	0.40	36	36	1.00	1788	498	498

765+50.00 EARTH

Excavation	48.20	107	91	0.85		2801	2377
Fill	1.77	2	2	1.00	1877	500	500

766+00.00 EARTH

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Excavation	77.07	116	99	0.85		2917	2476
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Fill	0.14	2	2	1.00	1974	502	502
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766+50.00 EARTH

Excavation	52.39	120	102	0.85		3037	2578
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Fill	1.24	1	1	1.00	2075	503	503
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767+00.00 EARTH

Excavation	4.29	52	45	0.85		3089	2623
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Fill	22.52	22	22	1.00	2098	525	525
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767+50.00 EARTH

Excavation	37.09	38	33	0.85		3127	2656
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Fill	2.71	23	23	1.00	2108	548	548
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768+00.00 EARTH

Excavation	153.07	176	150	0.85		3303	2806
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Fill	0.00	3	3	1.00	2255	551	551
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768+50.00 EARTH

Excavation	12.29	153	130	0.85		3456	2936
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Fill	3.98	4	4	1.00	2381	555	555
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769+00.00 EARTH

Excavation	4.05	15	13	0.85		3471	2949
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Fill	26.43	28	28	1.00	2366	583	583
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769+50.00 EARTH

Excavation	142.08	135	115	0.85		3606	3064
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Fill	2.14	26	26	1.00	2455	609	609
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770+00.00 EARTH

Excavation	48.08	176	150	0.85		3782	3214
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Fill	8.08	9	9	1.00	2596	618	618
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770+50.00 EARTH

Excavation	29.40	72	61	0.85		3854	3275
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Fill	13.82	20	20	1.00	2637	638	638
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771+00.00 EARTH

Excavation	72.55	94	80	0.85		3948	3355
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Fill	0.79	14	14	1.00	2703	652	652
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771+50.00 EARTH

Excavation	111.90	171	145	0.85		4119	3500
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Fill	0.00	1	1	1.00	2847	653	653
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772+00.00 EARTH

Excavation	25.91	128	108	0.85		4247	3608
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Fill	9.88	9	9	1.00	2946	662	662
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772+50.00 EARTH

Excavation	6.24	30	25	0.85		4277	3633
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Fill	21.07	29	29	1.00	2942	691	691
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773+00.00 EARTH

Excavation	7.84	13	11	0.85		4290	3644
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Fill	16.54	35	35	1.00	2918	726	726
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773+50.00 EARTH

Excavation	12.87	19	16	0.85		4309	3660
Fill	7.49	22	22	1.00	2912	748	748

774+00.00 EARTH

Excavation	28.65	38	33	0.85		4347	3693
Fill	1.75	9	9	1.00	2936	757	757

774+50.00 EARTH

Excavation	6.95	33	28	0.85		4380	3721
Fill	6.51	8	8	1.00	2956	765	765

775+00.00 EARTH

Excavation	15.13	20	17	0.85		4400	3738
Fill	0.41	6	6	1.00	2967	771	771

775+50.00 EARTH

Excavation	20.77	33	28	0.85		4433	3766
Fill	0.69	1	1	1.00	2994	772	772

776+00.00 EARTH

Excavation	1.27	20	17	0.85		4453	3783
Fill	1.73	2	2	1.00	3009	774	774

776+50.00 EARTH

Excavation	68.97	65	55	0.85		4518	3838
Fill	1.60	3	3	1.00	3061	777	777

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777+00.00 EARTH

Excavation	83.00	141	120	0.85		4659	3958
Fill	1.12	3	3	1.00	3178	780	780

777+50.00 EARTH

Excavation	62.65	135	115	0.85		4794	4073
Fill	2.35	3	3	1.00	3290	783	783

778+00.00 EARTH

Excavation	103.50	154	131	0.85		4948	4204
Fill	6.44	8	8	1.00	3413	791	791

778+50.00 EARTH

Excavation	0.00	96	81	0.85		5044	4285
Fill	19.05	24	24	1.00	3470	815	815

779+00.00 EARTH

Excavation	88.14	82	69	0.85		5126	4354
Fill	5.48	23	23	1.00	3516	838	838

779+50.00 EARTH

Excavation	8.30	89	76	0.85		5215	4430
Fill	10.19	15	15	1.00	3577	853	853

780+00.00 EARTH

Excavation	0.48	8	7	0.85		5223	4437
Fill	10.40	19	19	1.00	3565	872	872

780+50.00 EARTH

GRADING REPORT

COMPUTED BY: Fritz Brogdon, PE
 CHECKED BY: Erin Woodson, PE
 FEDERAL PROJECT NO: STP-8(52)
 ROUTE NO. OR STREET: SR-8

SHEET **15** OF **24**
 STATE NO.: 33021-3231-14
 PIN:124080.00
 COUNTY: Hamilton

Excavation	1.15	2	1	0.85		5225	4438
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Fill	3.95	13	13	1.00	3553	885	885
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781+00.00 EARTH

Excavation	8.25	9	7	0.85		5234	4445
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Fill	1.62	5	5	1.00	3555	890	890
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781+50.00 EARTH

Excavation	35.26	40	34	0.85		5274	4479
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Fill	0.17	2	2	1.00	3587	892	892
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782+00.00 EARTH

Excavation	58.45	87	74	0.85		5361	4553
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Fill	0.00	0	0	1.00	3661	892	892
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782+50.00 EARTH

Excavation	44.37	95	81	0.85		5456	4634
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Fill	2.49	2	2	1.00	3740	894	894
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783+00.00 EARTH

Excavation	21.03	61	51	0.85		5517	4685
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Fill	4.43	6	6	1.00	3785	900	900
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783+50.00 EARTH

Excavation	0.00	19	17	0.85		5536	4702
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Fill	8.45	12	12	1.00	3790	912	912
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784+00.00 EARTH

Excavation	1.45	1	1	0.85		5537	4703
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GRADING REPORT

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 FEDERAL PROJECT NO: STP-8(52)
 ROUTE NO. OR STREET: SR-8

SHEET **16** OF **24**
 STATE NO.: 33021-3231-14
 PIN:124080.00
 COUNTY: Hamilton

Fill	8.55	16	16	1.00	3775	928	928
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784+50.00 EARTH

Excavation	0.70	2	2	0.85		5539	4705
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Fill	8.18	15	15	1.00	3762	943	943
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785+00.00 EARTH

Excavation	2.67	3	3	0.85		5542	4708
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Fill	6.88	14	14	1.00	3751	957	957
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785+50.00 EARTH

Excavation	0.03	3	2	0.85		5545	4710
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Fill	9.17	15	15	1.00	3738	972	972
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786+00.00 EARTH

Excavation	0.00	0	0	0.85		5545	4710
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Fill	16.54	24	24	1.00	3714	996	996
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786+50.00 EARTH

Excavation	0.00	0	0	0.85		5545	4710
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Fill	5.02	20	20	1.00	3694	1016	1016
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787+00.00 EARTH

Excavation	0.00	0	0	0.85		5545	4710
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Fill	4.31	9	9	1.00	3685	1025	1025
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787+50.00 EARTH

Excavation	69.47	64	55	0.85		5609	4765
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Fill	2.19	6	6	1.00	3734	1031	1031
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GRADING REPORT

COMPUTED BY: Fritz Brogdon, PE
 CHECKED BY: Erin Woodson, PE
 FEDERAL PROJECT NO: STP-8(52)
 ROUTE NO. OR STREET: SR-8

SHEET **17** OF **24**
 STATE NO.: 33021-3231-14
 PIN:124080.00
 COUNTY: Hamilton

788+00.00 EARTH

Excavation	98.69	156	132	0.85		5765	4897
Fill	1.28	3	3	1.00	3863	1034	1034

788+50.00 EARTH

Excavation	27.43	117	99	0.85		5882	4996
Fill	0.58	2	2	1.00	3960	1036	1036

789+00.00 EARTH

Excavation	0.32	26	22	0.85		5908	5018
Fill	2.35	3	3	1.00	3979	1039	1039

789+50.00 EARTH

Excavation	19.37	18	15	0.85		5926	5033
Fill	2.64	5	5	1.00	3989	1044	1044

790+00.00 EARTH

Excavation	5.63	23	20	0.85		5949	5053
Fill	1.71	4	4	1.00	4005	1048	1048

790+50.00 EARTH

Excavation	15.15	19	16	0.85		5968	5069
Fill	4.59	6	6	1.00	4015	1054	1054

791+00.00 EARTH

Excavation	25.00	37	32	0.85		6005	5101
Fill	0.04	4	4	1.00	4043	1058	1058

GRADING REPORT

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 CHECKED BY: Erin Woodson, PE
 FEDERAL PROJECT NO: STP-8(52)
 ROUTE NO. OR STREET: SR-8

SHEET **18** OF **24**
 STATE NO.: 33021-3231-14
 PIN:124080.00
 COUNTY: Hamilton

791+50.00 EARTH

Excavation	1.45	24	21	0.85		6029	5122
Fill	3.13	3	3	1.00	4061	1061	1061

792+00.00 EARTH

Excavation	0.73	2	2	0.85		6031	5124
Fill	5.12	8	8	1.00	4055	1069	1069

792+50.00 EARTH

Excavation	8.20	8	7	0.85		6039	5131
Fill	2.26	7	7	1.00	4055	1076	1076

793+00.00 EARTH

Excavation	0.10	8	7	0.85		6047	5138
Fill	1.80	4	4	1.00	4058	1080	1080

793+50.00 EARTH

Excavation	0.00	0	0	0.85		6047	5138
Fill	8.90	10	10	1.00	4048	1090	1090

794+00.00 EARTH

Excavation	4.99	5	4	0.85		6052	5142
Fill	4.61	13	13	1.00	4039	1103	1103

794+50.00 EARTH

Excavation	46.19	47	40	0.85		6099	5182
Fill	2.18	6	6	1.00	4073	1109	1109

795+50.00 EARTH

GRADING REPORT

COMPUTED BY: Fritz Brogdon, PE
 CHECKED BY: Erin Woodson, PE
 FEDERAL PROJECT NO: STP-8(52)
 ROUTE NO. OR STREET: SR-8

SHEET **19** OF **24**
 STATE NO.: 33021-3231-14
 PIN:124080.00
 COUNTY: Hamilton

Excavation	110.11	289	246	0.85		6388	5428
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Fill	0.83	6	6	1.00	4313	1115	1115
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796+00.00 EARTH

Excavation	57.61	155	132	0.85		6543	5560
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Fill	1.13	2	2	1.00	4443	1117	1117
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796+50.00 EARTH

Excavation	15.10	67	57	0.85		6610	5617
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Fill	1.08	2	2	1.00	4498	1119	1119
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797+00.00 EARTH

Excavation	2.10	16	14	0.85		6626	5631
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Fill	0.08	1	1	1.00	4511	1120	1120
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797+50.00 EARTH

Excavation	99.82	94	80	0.85		6720	5711
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Fill	0.00	0	0	1.00	4591	1120	1120
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798+00.00 EARTH

Excavation	55.32	144	122	0.85		6864	5833
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Fill	0.00	0	0	1.00	4713	1120	1120
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798+50.00 EARTH

Excavation	27.94	77	66	0.85		6941	5899
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Fill	0.00	0	0	1.00	4779	1120	1120
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799+00.00 EARTH

Excavation	14.93	40	34	0.85		6981	5933
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GRADING REPORT

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 CHECKED BY: Erin Woodson, PE
 FEDERAL PROJECT NO: STP-8(52)
 ROUTE NO. OR STREET: SR-8

SHEET **20** OF **24**
 STATE NO.: 33021-3231-14
 PIN:124080.00
 COUNTY: Hamilton

Fill	0.00	0	0	1.00	4813	1120	1120
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804+25.00 EARTH

Excavation	0.01	145	123	0.85		7126	6056
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Fill	2.27	22	22	1.00	4914	1142	1142
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804+50.00 EARTH

Excavation	0.23	0	0	0.85		7126	6056
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Fill	23.33	12	12	1.00	4902	1154	1154
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805+00.00 EARTH

Excavation	0.00	0	0	0.85		7126	6056
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Fill	81.54	97	97	1.00	4805	1251	1251
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805+50.00 EARTH

Excavation	0.00	0	0	0.85		7126	6056
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Fill	183.21	245	245	1.00	4560	1496	1496
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805+75.00 EARTH

Excavation	0.00	0	0	0.85		7126	6056
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Fill	164.15	161	161	1.00	4399	1657	1657
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806+00.00 EARTH

Excavation	0.04	0	0	0.85		7126	6056
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Fill	136.84	139	139	1.00	4260	1796	1796
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806+25.00 EARTH

Excavation	0.03	0	0	0.85		7126	6056
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Fill	125.61	122	122	1.00	4138	1918	1918
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GRADING REPORT

COMPUTED BY: Fritz Brogdon, PE
 CHECKED BY: Erin Woodson, PE
 FEDERAL PROJECT NO: STP-8(52)
 ROUTE NO. OR STREET: SR-8

SHEET **21** OF **24**
 STATE NO.: 33021-3231-14
 PIN:124080.00
 COUNTY: Hamilton

806+50.00 EARTH

Excavation	0.31	0	0	0.85		7126	6056
Fill	96.39	103	103	1.00	4035	2021	2021

815+50.00 EARTH

Excavation	58.37	978	831	0.85		8104	6887
Fill	0.00	1607	1607	1.00	3259	3628	3628

816+00.00 EARTH

Excavation	60.12	110	93	0.85		8214	6980
Fill	0.00	0	0	1.00	3352	3628	3628

816+50.00 EARTH

Excavation	5.58	61	52	0.85		8275	7032
Fill	0.00	0	0	1.00	3404	3628	3628

817+00.00 EARTH

Excavation	16.46	20	17	0.85		8295	7049
Fill	2.47	2	2	1.00	3419	3630	3630

817+50.00 EARTH

Excavation	59.13	70	59	0.85		8365	7108
Fill	0.00	2	2	1.00	3476	3632	3632

818+00.00 EARTH

Excavation	71.73	121	103	0.85		8486	7211
Fill	0.63	1	1	1.00	3578	3633	3633

GRADING REPORT

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 FEDERAL PROJECT NO: STP-8(52)
 ROUTE NO. OR STREET: SR-8

SHEET **22** OF **24**
 STATE NO.: 33021-3231-14
 PIN:124080.00
 COUNTY: Hamilton

818+50.00 EARTH

Excavation	53.33	116	98	0.85		8602	7309
Fill	2.01	2	2	1.00	3674	3635	3635

819+00.00 EARTH

Excavation	75.33	119	101	0.85		8721	7410
Fill	0.00	2	2	1.00	3773	3637	3637

819+50.00 EARTH

Excavation	20.17	88	75	0.85		8809	7485
Fill	0.00	0	0	1.00	3848	3637	3637

820+00.00 EARTH

Excavation	56.62	71	60	0.85		8880	7545
Fill	0.00	0	0	1.00	3908	3637	3637

820+50.00 EARTH

Excavation	61.68	110	93	0.85		8990	7638
Fill	0.00	0	0	1.00	4001	3637	3637

822+50.00 EARTH

Excavation	4.88	247	210	0.85		9237	7848
Fill	0.00	0	0	1.00	4211	3637	3637

823+00.00 EARTH

Excavation	4.41	9	7	0.85		9246	7855
Fill	0.00	0	0	1.00	4218	3637	3637

823+50.00 EARTH

GRADING REPORT

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CHECKED BY: Erin Woodson, PE
FEDERAL PROJECT NO: STP-8(52)
ROUTE NO. OR STREET: SR-8

SHEET **23** OF **24**
STATE NO.: 33021-3231-14
PIN:124080.00
COUNTY: Hamilton

Excavation	4.50	8	7	0.85		9254	7862
Fill	0.00	0	0	1.00	4225	3637	3637
824+00.00 EARTH							
Excavation	3.77	8	7	0.85		9262	7869
Fill	0.00	0	0	1.00	4232	3637	3637
825+00.00 EARTH							
Excavation	0.82	9	7	0.85		9271	7876
Fill	0.27	1	1	1.00	4238	3638	3638
825+50.00 EARTH							
Excavation	0.00	1	1	0.85		9272	7877
Fill	3.24	3	3	1.00	4236	3641	3641
826+00.00 EARTH							
Excavation	73.40	68	58	0.85		9340	7935
Fill	2.12	5	5	1.00	4289	3646	3646
826+50.00 EARTH							
Excavation	12.12	79	67	0.85		9419	8002
Fill	0.00	2	2	1.00	4354	3648	3648
828+00.00 EARTH							
Excavation	0.00	34	29	0.85		9453	8031
Fill	0.00	0	0	1.00	4383	3648	3648

XS-NOPROP No proposed xs elements at station 828+50.00 to station 858+00.00.

Therefore, results of this run will not reflect
cross-section data for station 828+50.00 to 858+00.00.

GRADING REPORT

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FEDERAL PROJECT NO: STP-8(52)
ROUTE NO. OR STREET: SR-8

SHEET 24 OF 24
STATE NO.: 33021-3231-14
PIN:124080.00
COUNTY: Hamilton

858+50.00 EARTH

Excavation	4.29	242	206	0.85		9695	8237
Fill	0.72	41	41	1.00	4548	3689	3689

XS-NOPROP No proposed xs elements at station 859+00.00 to 904+50.00.

Therefore, results of this run will not reflect
cross-section data for station 859+00.00 to 904+50.00.

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	9695	8237	0.85	
	Fill	3689	3689	1.00	
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					