

GRADING REPORT

COMPUTED BY: GREG GREEN, P.E.
CHECKED BY: JASON SIVERLING, P.E.
FEDERAL PROJECT NO: HSIP-34(131)
ROUTE NO. OR STREET: SR-34

SHEET 1 OF 4
STATE NO.: 90S034-F3-002
PIN: 132103.00
COUNTY: WASHINGTON

ESTIMATED GRADING QUANTITIES							
DESCRIPTION		UNADJUSTED VOLUMES (CY)		ADJUSTED VOLUMES (CY)	BALANCE SUMMARY		
		EXC.	EMB.	EXC.	SHRINK = 5 % SWELL = 0 %		
MAINLINE		1161	27	1103	EXC.	EMB.	
SIDE ROADS		503	11	478			
PVT. DRIVES, BUSINESS AND FIELD ENTRANCES		0	0				
INDEPENDENT DITCHES		0	0				
TEMPORARY CONSTRUCTION EXITS		25	0	24			
OTHER (BRIDGE EXCAVATION, PAVEMENT, ETC...)		0	0				
TOPSOIL (EMB.)		12					
TOPSOIL (EXC.)		331					
TOPSOIL TOTALS (SEE TOPSOIL TABLE)							WASTE MATERIAL = 1316
ROCK (C.Y.)		TOTALS (C.Y.)					
EXC.	EMB.	EXC. (UNCL.)	EMB. (UNCL.)	EXC (COMMON)	EXC. (AVAIL.)	EXC. (ADJ.)	
0	0	1701	38	1701	1358	1291	

SR-34

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SHEET 2 OF 4
STATE NO.: 90S034-F3-002
PIN: 132103.00
COUNTY: WASHINGTON

Earthwork Quantities Report

Report Created: Friday, July 11, 2025
Time: 9:44:15 AM

Cross Section Set Name: SR34
Alignment Name: SR34
Input Grid Factor: All units in this report are in feet, square feet
and cubic yards unless specified otherwise.

Baseline Station	Cut Shrink/ Swell Factor	Station Cut Area	Station Cut Volume	Adjusted Station Cut	Fill Shrink/ Swell Factor	Station Fill Area	Station Fill Volume	Adjusted Station Fill	Mass Ordinate
		Station Total:		0				0	0
10150	1	12.86	4.71	4.71	1	0.001	0	0	
		Station Total:		4.71				0	4.709
10200	1	13.208	24.137	24.137	1	0	0.001	0.001	
		Station Total:		24.137				0.001	28.846
10250	1	14.119	25.303	25.303	1	0	0	0	
		Station Total:		25.303				0	54.148
10300	1	14.199	26.22	26.22	1	0	0	0	
		Station Total:		26.22				0	80.368
10350	1	13.994	26.105	26.105	1	0.002	0.002	0.002	
		Station Total:		26.105				0.002	106.471
10400	1	14.438	26.325	26.325	1	0	0.002	0.002	
		Station Total:		26.325				0.002	132.795
10450	1	14.582	26.87	26.87	1	0	0	0	
		Station Total:		26.87				0	159.665
10500	1	15.027	27.415	27.415	1	0	0	0	
		Station Total:		27.415				0	187.08
10550	1	15.165	27.955	27.955	1	0	0	0	
		Station Total:		27.955				0	215.036
10600	1	12.795	25.889	25.889	1	0.511	0.473	0.473	
		Station Total:		25.889				0.473	240.452

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SHEET 3 OF 4
 STATE NO.: 90S034-F3-002
 PIN: 132103.00
 COUNTY: WASHINGTON

Baseline Station	Cut Shrink/ Swell Factor	Station Cut Area	Station Cut Volume	Adjusted Station Cut	Fill Shrink/ Swell Factor	Station Fill Area	Station Fill Volume	Adjusted Station Fill	Mass Ordinate
10650	1	14.456	25.233	25.233	1	0	0.473	0.473	
	Station Total:			25.233				0.473	265.211
10700	1	48.989	58.745	58.745	1	0	0	0	
	Station Total:			58.745				0	323.956
10750	1	113.072	150.056	150.056	1	0.253	0.235	0.235	
	Station Total:			150.056				0.235	473.778
10800	1	71.697	171.083	171.083	1	0	0.235	0.235	
	Station Total:			171.083				0.235	644.626
10850	1	46.022	108.999	108.999	1	0	0	0	
	Station Total:			108.999				0	753.626
10900	1	22.017	63	63	1	0	0	0	
	Station Total:			63				0	816.626
10950	1	22.902	41.592	41.592	1	0	0	0	
	Station Total:			41.592				0	858.217
11000	1	24.952	44.309	44.309	1	0	0	0	
	Station Total:			44.309				0	902.526
11050	1	23.53	44.891	44.891	1	0	0	0	
	Station Total:			44.891				0	947.417
11100	1	22.723	42.827	42.827	1	1.973	1.827	1.827	
	Station Total:			42.827				1.827	988.417
11150	1	20.691	40.198	40.198	1	3.592	5.153	5.153	
	Station Total:			40.198				5.153	1023.463
11200	1	19.544	37.254	37.254	1	4.392	7.393	7.393	
	Station Total:			37.254				7.393	1053.324
11250	1	17.548	34.344	34.344	1	2.217	6.12	6.12	
	Station Total:			34.344				6.12	1081.549
11300	1	15.316	30.429	30.429	1	1.427	3.374	3.374	
	Station Total:			30.429				3.374	1108.604
11350	1	13.786	26.946	26.946	1	0.477	1.763	1.763	
	Station Total:			26.946				1.763	1133.787

Grand Total:

1160.837 1160.837

27.05

27.05

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SHEET 4 OF 4
STATE NO.: 90S034-F3-002
PIN: 132103.00
COUNTY: WASHINGTON

PRECISION BLVD

Earthwork Quantities Report

Report Created: Friday, July 11, 2025
Time: 9:45:07 AM

Cross Section Set Name: PRECISION
Alignment Name: PRECISION
Input Grid Factor: All units in this report are in feet, square feet
and cubic yards unless specified otherwise.

Baseline Station	Cut Shrink/ Swell Factor	Station Cut Area	Station Cut Volume	Adjusted Station Cut	Fill Shrink/ Swell Factor	Station Fill Area	Station Fill Volume	Adjusted Station Fill	Mass Ordinate
Station Total:				0				0	0
700	1		9.925 10.404	10.404	1	0	0	0	10.404
Station Total:				10.404				0	
750	1		16.17 24.161	24.161	1	0.49	0.453	0.453	34.113
Station Total:				24.161				0.453	
800	1		9.227 23.516	23.516	1	1.318	1.674	1.674	55.954
Station Total:				23.516				1.674	
850	1		7.24 15.248	15.248	1	4.121	5.037	5.037	66.165
Station Total:				15.248				5.037	
900	1		56.458 58.98	58.98	1	0	3.816	3.816	121.329
Station Total:				58.98				3.816	
950	1		162.137 202.403	202.403	1	0	0	0	323.731
Station Total:				202.403				0	
1000	1		19.104 167.815	167.815	1	0	0	0	491.547
Station Total:				167.815				0	
Grand Total:			502.527	502.527			10.98	10.98	