

EARTHWORK SUMMARY

MP 189.9 to 193.0

US 93
Wickenburg-Kingman Highway
Wickenburg Ranch Way to Vista Royale

093 MO 189 F0738 01C
093-B(230)T

PREPARED BY

AECOM

JUNE 2026



TABLE OF CONTENTS

	<u>SHEET</u>
Cover	1
Table of Contents	2
Earthwork Summary	3
Back up Calculations	
Phase 2 Summary	4
Phase 2 Roadway Excavation & Embankment Quantities	5-7
Phase 2 Drainage Excavation & Embankment Quantities	8
Phase 2 Berm Embankment Quantities	9
Phase 2 Structural Excavation & Embankment Quantities	10
Phase 2 Ground Compaction	11
Phase 3 Summary	12
Phase 3 Roadway Excavation & Embankment Quantities	13-14
Phase 3 Drainage Excavation & Embankment Quantities	15
Phase 3 Structural Excavation & Embankment Quantities	16
Phase 3 Ground Compaction	17
Phase 4A Summary	18
Phase 4A Roadway Excavation & Embankment Quantities	19
Phase 4A Drainage Excavation & Embankment Quantities	20
Phase 4B Summary	21
Phase 4B Drainage Excavation & Embankment Quantities	22
Overexcavation (Detail E) Quantities	23
Overexcavation (Detail E) Quantities	24
OpenRoads Quantities Reports	24-55

EARTHWORK SUMMARY (Phase 2 + Phase 3 + Phase 4A+ 4B)	
SB US 93 East Frontage Rd Roundabout Moreton Airpark Rd Nine Irons Ranch Rd Caballero Dr Detours	Volumes
Roadway Excavation	37,383 CY
Shrink (10%)	(3,739) CY
Roadway Excavation (Overexcavation)	5,440 CY
Shrink (10%)	(544) CY
Structural Excavation	10,869 CY
Shrink (10%)	(1,087) CY
Pipe Excavation	2,202 CY
Shrink (Varies)	(221) CY
Drainage Excavation	35,329 CY
Shrink (10%)	(3,533) CY
Riprap Excavation	0 CY
Shrink (10%)	0 CY
 Total Excavation	 82,100 CY
 Roadway Embankment	 155,601 CY
Berm Embankment	1,304
Pipe Trench Backfill	(818)
Ground Compaction	1,774 CY
 Total Embankment Required	 157,861 CY
Excavation Available	89,725
Borrow/Waste	(13,964) CY
 Pipe Backfill <i>NI</i>	 1,025 CY
Pipe Bedding <i>NI</i>	706 CY
Structure Backfill <i>NI</i>	5,193 CY

EARTHWORK SUMMARY (Phase 2)	
SB US 93 East Frontage Rd Roundabout Moreton Airpark Rd Nine Irons Ranch Rd Caballero Dr Moreton & North crossover Detour	Volumes
Roadway Excavation	37,239 CY
Shrink (Varies)	(3,724) CY
Roadway Excavation (Overexcavation)	5,440 CY
Shrink (10%)	(544) CY
Structural Excavation	9,922 CY
Shrink (10%)	(992) CY
Pipe Excavation	1,810 CY
Shrink (Varies)	(181) CY
Drainage Excavation	35,328 CY
Shrink (10%)	(3,533) CY
Riprap Excavation	0 CY
Shrink (10%)	0 CY
Total Excavation	80,766 CY
Roadway Embankment	154,595 CY
Berm Embankment	1,304 CY
Pipe Trench Backfill	(818) CY
Ground Compaction	1,751 CY
Total Embankment Required	156,831 CY
Borrow/Waste	76,065 CY
Pipe Backfill <i>NI</i>	1,025 CY
Pipe Bedding <i>NI</i>	706 CY
Structure Backfill <i>NI</i>	4,792 CY

US 93 Mainline EW- EAV

Phase 2

	Cut Volume (CY)	Shrink (CY)	Fill Volume (CY)	AB Volume (CY)
SB US 93 South (Sta 190+00 to Sta 221+20.61)	423.09	(42)	84583.35	
SB US 93 North (Sta 231+35 to Sta 341+10)	22276.79	(2,228)	63228.52	
SB US 93 (Sta 215+48 to Sta 221+21)	3.13	(0)	452.82	
Roundabout (Sta 215+48 to Sta 226+96)	187.65	(19)	2984.24	
Brig Abt 1 & 2			(5,107.51)	
Roundabout (Sta 221+20.58 to Sta 231+35)	3291.56	(329)	3,082.10	
Pipe Trench	992.1	-99		
Subtotal	27,174	(2,717)	149,224	
Over-excavation	5,440	(544)	122	
Total	32,614	(3,261)	149,346	

US 93 Crossroads EW -EAV

Phase 2

	Cut Volume (CY)	Shrink (CY)	Fill Volume (CY)	AB Volume (CY)
East Frontage Rd Subtotal	9,146.43	(914.64)	4,549.03	
Moreton Airpark Rd Subtotal	112.03	(11.20)	1.10	
Nine Irons Ranch Rd Subtotal	210.45	(21.05)	389.34	
Caballero Dr Subtotal	310.53	(31.05)	25.06	

Subtotal	9,779	(978)	4,965	
Over-excavation	0	0	0	
Total	9,779	(978)	4,965	

US 93 Detours EW -EAV

Phase 2

	Cut Volume (CY)	Shrink (CY)	Fill Volume (CY)	AB Volume (CY)
Moreton Phase 2 Detour	232.78	(23.28)	0.00	
North Detour	52.72		284.07	
Subtotal	286	(29)	284	
Over-excavation	0	0	0	
Total	286	(29)	284	

Drainage

Phase 2

Element	Cut Volume (CY)	Shrink (CY)	Fill Volume (CY)
Pipe Bedding			705.70
Pipe Backfill			1024.80
Trench Backfill			-818.30
Pipe Culverts	1810.30	-181.03	
SB US 93 Borrow Pit 1	31190.57	(3,119)	
V Ditch	4137.90	-413.79	
Berm			117.60
Drainage Subtotal	37,139.00	(3,714.00)	1,030.00
Subtotal	37,139	(3,714.00)	1,030
Total	37,139	(3,714.00)	1,030

BERMS
Phase 2

Alignment	From Station	To Station	Berm Height (ft)	Top Berm Width(ft)	Bottom Berm Width(ft)	Berm Length	Side slope 1	Side Slope 2	Area (SF)	Fill	
										Volume (CY)	
SB US 93 Cst CL	200+26.96	200+50.70	2.00	10.00	50.00	23.74	10	10	60.00	52.76	
SB US 93 Cst CL	208+62.46	209+00.57	2.00	10.00	50.00	38.11	10	10	60.00	84.69	
SB US 93 Cst CL	217+16.17	217+54.23	2.00	10.00	50.00	38.06	10	10	60.00	84.58	
SB US 93 Cst CL	246+35.29	246+73.34	2.00	10.00	50.00	38.05	10	10	60.00	84.56	
SB US 93 Cst CL	252+12.84	252+50.90	2.00	10.00	50.00	38.06	10	10	60.00	84.58	
SB US 93 Cst CL	259+82.84	260+16.00	2.00	10.00	50.00	33.16	10	10	60.00	73.69	
SB US 93 Cst CL	268+38.16	268+64.05	2.00	10.00	50.00	25.89	10	10	60.00	57.53	
SB US 93 Cst CL	281+48.56	281+77.17	2.00	10.00	50.00	28.61	10	10	60.00	63.58	
SB US 93 Cst CL	292+01.21	292+21.44	2.00	10.00	50.00	20.23	10	10	60.00	44.96	
SB US 93 Cst CL	294+16.93	294+54.74	2.00	10.00	50.00	37.81	10	10	60.00	84.02	
SB US 93 Cst CL	304+13.31	304+51.36	2.00	10.00	50.00	38.05	10	10	60.00	84.56	
SB US 93 Cst CL	314+83.68	315+24.05	2.00	10.00	50.00	40.37	10	10	60.00	89.71	
SB US 93 Cst CL	317+61.36	318+09.63	2.00	10.00	50.00	48.27	10	10	60.00	107.27	
SB US 93 Cst CL	321+48.65	321+95.87	2.00	10.00	50.00	47.22	10	10	60.00	104.93	
SB US 93 Cst CL	326+34.04	326+72.04	2.00	10.00	50.00	38.00	10	10	60.00	84.44	
Berms Subtotal										1,186.00	
Subtotal										1,186	
Total										1,186	

Structures

Phase 2

Element	Cut Volume (CY)	Shrink (CY)	Fill Volume (CY)
Box Culverts	7833.94		3385.67
SB Bridge	60.00		40.00
SB Walls	2028.18		1366.02
Structural Subtotal	9,922.12	(992.00)	4,791.69
Subtotal	9,922	(992.00)	4,792
Total	9,922	(992.00)	4,792

Ground Compaction

Phase 2

Ground Compaction: 0.10'

Element	Area (SF)	Volume (CY)
Ground Compaction SB US 93 and Roundabout	331,250.60	1,226.85
Ground Compaction East Frontage Rd	131,693.63	487.75
Ground Compaction Moreton Airpark Rd	213.19	0.79
Ground Compaction Nine Irons Ranch Rd	6,264.26	23.20
Ground Compaction Caballero Dr	834.83	3.09
Ground Compaction Detours	2490.66	9.22
Ground Compaction Subtotal		1,750.92

Note: Overexcavation areas Sta 242+75 to
Station 258+75, Sta 336+45 to Sta 341+10 and
Sta 192+70 to Sta 196+50 are excluded from
ground compaction totals

Subtotal	1,751
Total	1,751

EARTHWORK SUMMARY (Phase 3)	
East Frontage Rd Roundabout	Volumes
Roadway Excavation	78 CY
Shrink (Varies)	(8) CY
Roadway Excavation (Overexcavation)	0 CY
Shrink (10%)	0 CY
Structural Excavation	947 CY
Shrink (10%)	(95) CY
Pipe Excavation	148 CY
Shrink (Varies)	(15) CY
Drainage Excavation	0 CY
Shrink (10%)	0 CY
Riprap Excavation	0 CY
Shrink (10%)	0 CY
Total Excavation	1,055 CY
Roadway Embankment	677 CY
Berm Embankment	0 CY
Pipe Trench Backfill	0 CY
Ground Compaction	23 CY
Total Embankment Required	700 CY
Borrow/Waste	(355) CY
Pipe Backfill <i>NI</i>	0 CY
Pipe Bedding <i>NI</i>	0 CY
Structure Backfill <i>NI</i>	401 CY

US 93 Mainline EW- EAV
Phase 3

	Cut Volume (CY)	Shrink (CY)	Fill Volume (CY)	AB Volume (CY)
Roundabout (Sta 223+44-Sta 225+85)	13.26	-1	660.70	

Subtotal	13	(1)	661
Over-excavation		0	
Total	13	(1)	661

US 93 Crossroads EW -EAV
Phase 3

	Cut Volume (CY)	Shrink (CY)	Fill Volume (CY)	AB Volume (CY)
East Frontage Rd	65.34	(6.53)	15.90	
Subtotal	65	(7)	16	
Over-excavation	0	0	0	
Total	65	(7)	16	

Drainage
Phase 3

Element	Cut Volume (CY)	Shrink (CY)	Fill Volume (CY)
			0.00
			0.00
Pipe Culverts	148.00		
Drainage Subtotal	148.00	(15.00)	0.00
Subtotal	148	(15.00)	0
Total	148	(15.00)	0

Structures - Quantities by Named Boundary

Phase 3

Element	Cut Volume (CY)	Shrink (CY)	Fill Volume (CY)
Box Culverts	946.66		400.93
Structural Subtotal	946.66	(95.00)	400.93
Subtotal	947	(95.00)	401
Total	947	(95.00)	401

Ground Compaction

Phase 3

Ground Compaction: 0.10'

Element	Area (SF)	Volume (CY)
Ground Compaction East Frontage Rd	1,969.43	7.29
Ground Compaction Roundabout	4,324.77	16.02
Ground Compaction Subtotal		23.31

Subtotal	23
Total	23

EARTHWORK SUMMARY (Phase 3)	
US 93 Roundabout Detours	Volumes
Roadway Excavation	66 CY
Shrink (Varies)	(7) CY
Roadway Excavation (Overexcavation)	0 CY
Shrink (10%)	0 CY
Structural Excavation	0 CY
Shrink (10%)	0 CY
Pipe Excavation	205 CY
Shrink (Varies)	(21) CY
Drainage Excavation	0 CY
Shrink (10%)	0 CY
Riprap Excavation	0 CY
Shrink (10%)	0 CY
Total Excavation	243 CY
Roadway Embankment	329 CY
Berm Embankment	0 CY
Pipe Trench Backfill	0 CY
Ground Compaction	0 CY
Total Embankment Required	329 CY
Borrow/Waste	86 CY
Pipe Backfill <i>NI</i>	0 CY
Pipe Bedding <i>NI</i>	0 CY
Structure Backfill <i>NI</i>	0 CY

US 93 Mainline EW- EAV
Phase 4A

	Cut Volume (CY)	Shrink (CY)	Fill Volume (CY)	AB Volume (CY)
Roundabout	65.96	(6.60) 0.00	328.73	

Subtotal	66	(7)	329
Over-excavation		0	
Total	66	(7)	329

Drainage
Phase 4A

Element	Cut Volume (CY)	Shrink (CY)	Fill Volume (CY)
			0.00
			0.00
Pipe Culverts	205.20		
Drainage Subtotal	205.00	(21.00)	0.00
Subtotal	205	(21.00)	0
Total	205	(21.00)	0

EARTHWORK SUMMARY (Phase 3)	
US 93 Drainage	Volumes
Roadway Excavation	0 CY
Shrink (Varies)	0 CY
Roadway Excavation (Overexcavation)	0 CY
Shrink (10%)	0 CY
Structural Excavation	0 CY
Shrink (10%)	0 CY
Pipe Excavation	39 CY
Shrink (Varies)	(4) CY
Drainage Excavation	0 CY
Shrink (10%)	0 CY
Riprap Excavation	0 CY
Shrink (10%)	0 CY
Total Excavation	35 CY
Roadway Embankment	0 CY
Berm Embankment	0 CY
Pipe Trench Backfill	0 CY
Ground Compaction	0 CY
Total Embankment Required	0 CY
Borrow/Waste	(35) CY
Pipe Backfill <i>NI</i>	0 CY
Pipe Bedding <i>NI</i>	0 CY
Structure Backfill <i>NI</i>	0 CY

Drainage
Phase 4B

Element	Cut Volume (CY)	Shrink (CY)	Fill Volume (CY)
			0.00
			0.00
Pipe Culverts	38.70		
Drainage Subtotal	39.00	(4.00)	0.00
Subtotal	39	(4.00)	0
Total	39	(4.00)	0

Overexcavation - Detail E

Phase 1

Alignment	From Station	To Station	Over Excavation (CY)
NB US 93 Cst CL	234+50	266+35	1904.6872
NB US 93 Cst CL	336+45	341+10	584.12
			2488.8072

Overexcavation - Detail E

Phase 1

Alignment	Station	Estimated Max Height 'H' (FT)	Excavation (SF)	Excavation (CF)	Excavation (CY)
SB US 93 Cst CL	192+70	19.39	141.83		
SB US 93 Cst CL	192+75	20.08	144.97	749.97	27.78
SB US 93 Cst CL	193+00	22.82	174.32	3991.13	147.82
SB US 93 Cst CL	193+25	24.92	182.59	4461.38	165.24
SB US 93 Cst CL	193+50	26.30	188.00	4632.39	171.57
SB US 93 Cst CL	193+75	27.20	193.84	4772.98	176.78
SB US 93 Cst CL	194+00	28.28	200.41	4928.10	182.52
SB US 93 Cst CL	194+25	28.86	203.12	5044.10	186.82
SB US 93 Cst CL	194+50	29.63	203.51	5082.80	188.25
SB US 93 Cst CL	194+75	30.24	208.41	5148.98	190.70
SB US 93 Cst CL	195+00	30.48	211.31	5246.51	194.32
SB US 93 Cst CL	195+25	30.95	212.96	5303.30	196.42
SB US 93 Cst CL	195+50	32.32	217.19	5376.80	199.14
SB US 93 Cst CL	195+75	34.13	215.84	5412.89	200.48
SB US 93 Cst CL	196+00	34.84	215.47	5391.38	199.68
SB US 93 Cst CL	196+25	34.66	216.07	5394.26	199.79
SB US 93 Cst CL	196+50	33.56	218.99	5438.23	201.42
	max height:	34.84		Sub Total	2828.71
SB US 93 Cst CL	200+10	22.47	136.92		
SB US 93 Cst CL	200+25	21.56	143.50	2103.18	77.90
SB US 93 Cst CL	200+34	21.09	131.13	1200.15	44.45
	max height:	22.47		Sub Total	122.35
				Total	2951.06

End Area Volume Report

Report Created: Wednesday, February 11, 2026
Time: 2:39:08 PM

Cross Section Set Name: SB US 93 EW South **phase 2**

Alignment Name: SB US 93 Cst CL1

Input Grid Factor: **Note:** All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Baseline Station	----- Station Quantities -----										Mass Ordinate	
	Factor	Area	Volume	Adjusted	Factor	Area	Volume	Adjusted				
190+00.00	1.00	68.22	0.00	0.00	1.00	233.77	0.00	0.00	0.00			
190+25.00	1.00	9.82	36.13	36.13	1.00	510.05	344.36	344.36	-308.23			
190+50.00	1.00	11.08	9.67	9.67	1.00	532.41	482.62	482.62	-781.17			
190+75.00	1.00	6.47	8.12	8.12	1.00	738.26	588.27	588.27	-1361.32			
191+00.00	1.00	1.65	3.76	3.76	1.00	1083.33	843.33	843.33	-2200.89			
191+25.00	1.00	0.73	1.10	1.10	1.00	1370.60	1136.08	1136.08	-3335.87			
191+50.00	1.00	0.88	0.75	0.75	1.00	1440.25	1301.32	1301.32	-4636.44			
191+75.00	1.00	0.14	0.47	0.47	1.00	1417.69	1323.12	1323.12	-5959.09			
192+00.00	1.00	0.06	0.09	0.09	1.00	1213.82	1218.29	1218.29	-7177.29			
192+25.00	1.00	0.05	0.05	0.05	1.00	1249.31	1140.34	1140.34	-8317.58			
192+50.00	1.00	0.05	0.05	0.05	1.00	1403.10	1227.97	1227.97	-9545.50			
192+75.00	1.00	0.08	0.06	0.06	1.00	1664.03	1419.97	1419.97	-10965.41			
193+00.00	1.00	0.04	0.06	0.06	1.00	1881.20	1641.31	1641.31	-12606.66			
193+25.00	1.00	0.03	0.03	0.03	1.00	2056.93	1823.21	1823.21	-14429.84			
193+50.00	1.00	0.02	0.02	0.02	1.00	2186.70	1964.64	1964.64	-16394.46			
193+75.00	1.00	0.02	0.02	0.02	1.00	2308.26	2081.00	2081.00	-18475.44			
194+00.00	1.00	0.02	0.02	0.02	1.00	2428.77	2193.07	2193.07	-20668.50			
194+25.00	1.00	0.01	0.01	0.01	1.00	2501.82	2282.68	2282.68	-22951.16			
194+50.00	1.00	3.57	1.66	1.66	1.00	2553.85	2340.59	2340.59	-25290.09			
194+75.00	1.00	1.59	2.39	2.39	1.00	2633.57	2401.58	2401.58	-27689.28			
195+00.00	1.00	0.00	0.74	0.74	1.00	2695.36	2467.10	2467.10	-30155.64			
195+25.00	1.00	0.01	0.01	0.01	1.00	2741.57	2517.09	2517.09	-32672.73			
195+50.00	1.00	0.01	0.01	0.01	1.00	2823.45	2576.40	2576.40	-35249.12			
195+75.00	1.00	0.49	0.23	0.23	1.00	2925.33	2661.47	2661.47	-37910.37			
196+00.00	1.00	0.01	0.23	0.23	1.00	2965.60	2727.28	2727.28	-40637.41			
196+25.00	1.00	0.02	0.01	0.01	1.00	2898.83	2715.01	2715.01	-43352.41			
196+50.00	1.00	0.00	0.01	0.01	1.00	0.00	1342.05	1342.05	-44694.45			
196+75.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-44694.45			
197+00.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-44694.45			
197+25.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-44694.45			
197+50.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-44694.45			
197+75.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-44694.45			
198+00.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-44694.45			
198+25.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-44694.45			
198+50.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-44694.45			
198+75.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-44694.45			
199+00.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-44694.45			
199+25.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-44694.45			
199+50.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-44694.45			
199+75.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-44694.45			
200+00.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-44694.45			
200+25.00	1.00	0.00	0.00	0.00	1.00	1438.29	665.88	665.88	-45360.32			
200+50.00	1.00	0.00	0.00	0.00	1.00	1166.12	1205.75	1205.75	-46566.07			
200+75.00	1.00	0.00	0.00	0.00	1.00	990.25	998.32	998.32	-47564.39			
201+00.00	1.00	0.00	0.00	0.00	1.00	900.34	875.27	875.27	-48439.66			
201+25.00	1.00	0.00	0.00	0.00	1.00	940.21	852.11	852.11	-49291.77			
201+50.00	1.00	0.22	0.10	0.10	1.00	922.24	862.25	862.25	-50153.92			
201+75.00	1.00	0.64	0.40	0.40	1.00	880.18	834.45	834.45	-50987.97			
202+00.00	1.00	1.10	0.80	0.80	1.00	855.39	803.50	803.50	-51790.67			
202+25.00	1.00	1.33	1.12	1.12	1.00	784.33	759.13	759.13	-52548.68			
202+50.00	1.00	1.04	1.10	1.10	1.00	665.67	671.30	671.30	-53218.88			
202+75.00	1.00	1.04	0.96	0.96	1.00	558.93	566.95	566.95	-53784.87			
203+00.00	1.00	0.67	0.79	0.79	1.00	469.46	476.11	476.11	-54260.18			
203+25.00	1.00	1.94	1.21	1.21	1.00	429.56	416.21	416.21	-54675.19			
203+50.00	1.00	3.49	2.51	2.51	1.00	427.41	396.74	396.74	-55069.42			
203+75.00	1.00	3.44	3.21	3.21	1.00	450.87	406.61	406.61	-55472.82			
204+00.00	1.00	2.89	2.93	2.93	1.00	461.32	422.31	422.31	-55892.20			
204+25.00	1.00	1.90	2.22	2.22	1.00	466.97	429.76	429.76	-56319.74			
204+50.00	1.00	1.17	1.42	1.42	1.00	481.81	439.25	439.25	-56757.57			
204+75.00	1.00	1.42	1.20	1.20	1.00	478.43	444.56	444.56	-57200.93			
205+00.00	1.00	1.70	1.44	1.44	1.00	592.77	495.93	495.93	-57695.42			
205+25.00	1.00	2.57	1.98	1.98	1.00	525.20	517.58	517.58	-58211.02			
205+50.00	1.00	2.90	2.53	2.53	1.00	516.92	482.46	482.46	-58690.95			
205+75.00	1.00	3.54	2.98	2.98	1.00	550.95	494.38	494.38	-59182.35			
206+00.00	1.00	2.13	2.62	2.62	1.00	749.49	602.05	602.05	-59781.78			
206+25.00	1.00	0.62	1.27	1.27	1.00	898.21	762.82	762.82	-60543.33			
206+50.00	1.00	1.33	0.90	0.90	1.00	932.35	847.48	847.48	-61389.91			
206+75.00	1.00	2.13</										

End Area Volume Report

Report Created: Wednesday, February 11, 2026
Time: 2:48:17 PM

Cross Section Set Name: SB US 93 EW North Phase 2
Alignment Name: SB US 93 Cst CL1
Input Grid Factor: Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Baseline Station	----- Station Quantities -----										Mass Ordinate
	----- Cut -----				----- Fill -----						
Factor	Area	Volume	Adjusted	Factor	Area	Volume	Adjusted				
231+35.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	
231+50.00	1.00	162.69	45.19	1.00	0.28	0.08	0.08	0.08	0.08	45.11	
231+75.00	1.00	175.65	156.64	1.00	0.54	0.38	0.38	0.38	0.38	201.38	
232+00.00	1.00	175.34	162.49	1.00	0.01	0.25	0.25	0.25	0.25	363.62	
232+25.00	1.00	171.04	160.36	1.00	0.01	0.01	0.01	0.01	0.01	523.97	
232+50.00	1.00	186.20	165.39	1.00	0.00	0.00	0.00	0.00	0.00	689.35	
232+75.00	1.00	199.74	178.67	1.00	0.00	0.00	0.00	0.00	0.00	868.02	
233+00.00	1.00	208.24	188.88	1.00	0.00	0.00	0.00	0.00	0.00	1056.90	
233+25.00	1.00	233.10	204.32	1.00	0.00	0.00	0.00	0.00	0.00	1261.22	
233+50.00	1.00	239.68	218.88	1.00	0.00	0.00	0.00	0.00	0.00	1480.09	
233+75.00	1.00	251.12	227.22	1.00	0.00	0.00	0.00	0.00	0.00	1707.31	
234+00.00	1.00	265.48	239.16	1.00	0.00	0.00	0.00	0.00	0.00	1946.48	
234+25.00	1.00	284.94	254.82	1.00	0.00	0.00	0.00	0.00	0.00	2201.30	
234+50.00	1.00	301.09	271.31	1.00	0.00	0.00	0.00	0.00	0.00	2472.61	
234+75.00	1.00	283.18	270.50	1.00	0.00	0.00	0.00	0.00	0.00	2743.11	
235+00.00	1.00	186.64	217.51	1.00	1.81	0.84	0.84	0.84	0.84	2959.77	
235+25.00	1.00	292.14	221.66	1.00	0.00	0.84	0.84	0.84	0.84	3180.59	
235+50.00	1.00	312.80	280.06	1.00	0.00	0.00	0.00	0.00	0.00	3460.65	
235+75.00	1.00	316.59	291.38	1.00	0.00	0.00	0.00	0.00	0.00	3752.04	
236+00.00	1.00	331.93	300.24	1.00	0.00	0.00	0.00	0.00	0.00	4052.28	
236+25.00	1.00	311.60	297.93	1.00	0.00	0.00	0.00	0.00	0.00	4350.20	
236+50.00	1.00	352.98	307.67	1.00	0.00	0.00	0.00	0.00	0.00	4657.88	
236+75.00	1.00	352.01	326.38	1.00	0.00	0.00	0.00	0.00	0.00	4984.26	
237+00.00	1.00	337.57	319.25	1.00	0.00	0.00	0.00	0.00	0.00	5303.51	
237+25.00	1.00	330.58	309.33	1.00	0.01	0.00	0.00	0.00	0.00	5612.83	
237+50.00	1.00	323.06	302.61	1.00	0.00	0.00	0.00	0.00	0.00	5915.44	
237+75.00	1.00	328.79	301.78	1.00	0.00	0.00	0.00	0.00	0.00	6217.23	
238+00.00	1.00	329.90	304.95	1.00	0.00	0.00	0.00	0.00	0.00	6522.18	
238+25.00	1.00	334.37	307.53	1.00	0.00	0.00	0.00	0.00	0.00	6829.71	
238+50.00	1.00	341.07	312.70	1.00	0.00	0.00	0.00	0.00	0.00	7142.42	
238+75.00	1.00	314.55	303.53	1.00	0.00	0.00	0.00	0.00	0.00	7445.94	
239+00.00	1.00	287.77	278.85	1.00	0.00	0.00	0.00	0.00	0.00	7724.80	
239+25.00	1.00	272.30	259.29	1.00	0.00	0.00	0.00	0.00	0.00	7984.09	
239+50.00	1.00	251.59	242.54	1.00	0.00	0.00	0.00	0.00	0.00	8226.63	
239+75.00	1.00	231.93	223.85	1.00	0.00	0.00	0.00	0.00	0.00	8450.48	
240+00.00	1.00	205.48	202.50	1.00	0.00	0.00	0.00	0.00	0.00	8652.99	
240+25.00	1.00	120.81	151.06	1.00	0.00	0.00	0.00	0.00	0.00	8804.05	
240+50.00	1.00	123.20	112.97	1.00	0.00	0.00	0.00	0.00	0.00	8917.01	
240+75.00	1.00	103.76	105.07	1.00	0.00	0.00	0.00	0.00	0.00	9022.09	
241+00.00	1.00	80.80	85.44	1.00	0.00	0.00	0.00	0.00	0.00	9107.53	
241+25.00	1.00	91.26	79.66	1.00	0.00	0.00	0.00	0.00	0.00	9187.19	
241+50.00	1.00	72.24	75.69	1.00	0.00	0.00	0.00	0.00	0.00	9262.88	
241+75.00	1.00	48.12	55.72	1.00	0.00	0.00	0.00	0.00	0.00	9318.60	
242+00.00	1.00	27.72	35.11	1.00	1.62	0.75	0.75	0.75	0.75	9352.96	
242+25.00	1.00	22.02	23.03	1.00	14.67	7.54	7.54	7.54	7.54	9368.45	
242+50.00	1.00	19.79	19.36	1.00	25.12	18.42	18.42	18.42	18.42	9369.39	
242+75.00	1.00	3.24	10.66	1.00	28.58	24.86	24.86	24.86	24.86	9355.19	
243+00.00	1.00	15.40	8.63	1.00	34.61	29.26	29.26	29.26	29.26	9334.56	
243+25.00	1.00	12.79	13.05	1.00	29.97	29.90	29.90	29.90	29.90	9317.72	
243+50.00	1.00	10.13	10.61	1.00	23.17	24.60	24.60	24.60	24.60	9303.72	
243+75.00	1.00	7.74	8.27	1.00	21.85	20.85	20.85	20.85	20.85	9291.15	
244+00.00	1.00	5.18	5.98	1.00	21.78	20.20	20.20	20.20	20.20	9276.93	
244+25.00	1.00	2.73	3.66	1.00	19.52	19.12	19.12	19.12	19.12	9261.47	
244+50.00	1.00	1.98	2.18	1.00	23.79	20.05	20.05	20.05	20.05	9243.60	
244+75.00	1.00	1.90	1.80	1.00	31.30	25.51	25.51	25.51	25.51	9219.89	
245+00.00	1.00	2.43	2.00	1.00	34.25	30.35	30.35	30.35	30.35	9191.54	
245+25.00	1.00	1.54	1.84	1.00	39.74	34.25	34.25	34.25	34.25	9159.13	
245+50.00	1.00	0.17	0.79	1.00	48.46	40.83	40.83	40.83	40.83	9119.08	
245+75.00	1.00	0.10	0.12	1.00	68.75	54.26	54.26	54.26	54.26	9064.94	
246+00.00	1.00	0.00	0.04	1.00	90.31	73.64	73.64	73.64	73.64	8991.35	
246+25.00	1.00	0.00	0.00	1.00	120.11	97.42	97.42	97.42	97.42	8893.93	
246+50.00	1.00	0.00	0.00	1.00	149.91	125.01	125.01	125.01	125.01	8768.93	
246+75.00	1.00	0.00	0.00	1.00	176.16	150.96	150.96	150.96	150.96	8617.97	
247+00.00	1.00	0.04	0.02	1.00	200.40	174.33	174.33	174			

----- Station Quantities -----														
Baseline Station	Factor		----- Cut -----			Adjusted	Factor		----- Fill -----			Adjusted	Mass Ordinate	
			Area	Volume					Area	Volume				
	262+50.00	1.00	3.41	3.32	3.32	1.00	74.69	75.15	75.15		-5219.56			
	262+75.00	1.00	4.62	3.72	3.72	1.00	60.70	62.68	62.68		-5278.52			
	263+00.00	1.00	4.80	4.36	4.36	1.00	49.01	50.79	50.79		-5324.95			
	263+25.00	1.00	5.62	4.82	4.82	1.00	42.31	42.28	42.28		-5362.40			
	263+50.00	1.00	6.02	5.39	5.39	1.00	39.69	37.97	37.97		-5394.98			
	263+75.00	1.00	6.83	5.95	5.95	1.00	38.79	36.34	36.34		-5425.37			
	264+00.00	1.00	5.74	5.82	5.82	1.00	37.95	35.53	35.53		-5455.09			
	264+25.00	1.00	6.07	5.46	5.46	1.00	44.61	38.22	38.22		-5487.84			
	264+50.00	1.00	5.11	5.17	5.17	1.00	54.28	45.78	45.78		-5528.45			
	264+75.00	1.00	4.15	4.29	4.29	1.00	72.77	58.82	58.82		-5582.98			
	265+00.00	1.00	4.01	3.78	3.78	1.00	88.36	74.60	74.60		-5653.79			
	265+25.00	1.00	4.20	3.80	3.80	1.00	88.11	81.70	81.70		-5731.69			
	265+50.00	1.00	1.80	2.78	2.78	1.00	79.70	77.69	77.69		-5806.60			
	265+75.00	1.00	1.49	1.52	1.52	1.00	75.73	71.96	71.96		-5877.04			
	266+00.00	1.00	1.16	1.23	1.23	1.00	79.11	71.69	71.69		-5947.50			
	266+25.00	1.00	0.67	0.84	0.84	1.00	135.37	99.29	99.29		-6045.95			
	266+50.00	1.00	1.55	1.03	1.03	1.00	191.67	151.41	151.41		-6196.33			
	266+75.00	1.00	2.13	1.70	1.70	1.00	148.94	157.69	157.69		-6352.31			
	267+00.00	1.00	1.78	1.81	1.81	1.00	108.13	119.02	119.02		-6469.52			
	267+25.00	1.00	0.04	0.84	0.84	1.00	167.85	127.77	127.77		-6596.45			
	267+50.00	1.00	0.11	0.07	0.07	1.00	254.41	195.49	195.49		-6791.87			
	267+75.00	1.00	0.39	0.23	0.23	1.00	324.82	268.16	268.16		-7059.80			
	268+00.00	1.00	0.14	0.24	0.24	1.00	379.51	326.08	326.08		-7385.64			
	268+25.00	1.00	10.25	4.81	4.81	1.00	527.75	420.03	420.03		-7800.86			
	268+50.00	1.00	9.72	9.24	9.24	1.00	742.68	588.16	588.16		-8379.78			
	268+75.00	1.00	9.29	8.80	8.80	1.00	817.78	722.44	722.44		-9093.41			
	269+00.00	1.00	9.50	8.70	8.70	1.00	641.96	675.81	675.81		-9760.52			
	269+25.00	1.00	11.05	9.51	9.51	1.00	690.58	616.91	616.91		-10367.92			
	269+50.00	1.00	10.54	10.00	10.00	1.00	712.82	649.72	649.72		-11007.65			
	269+75.00	1.00	9.71	9.38	9.38	1.00	728.27	667.17	667.17		-11665.44			
	270+00.00	1.00	9.80	9.03	9.03	1.00	626.11	627.03	627.03		-12283.44			
	270+25.00	1.00	12.40	10.28	10.28	1.00	480.48	512.31	512.31		-12785.47			
	270+50.00	1.00	11.52	11.07	11.07	1.00	366.97	392.34	392.34		-13166.74			
	270+75.00	1.00	13.02	11.36	11.36	1.00	295.87	306.87	306.87		-13462.25			
	271+00.00	1.00	11.32	11.27	11.27	1.00	251.69	253.50	253.50		-13704.48			
	271+25.00	1.00	13.52	11.50	11.50	1.00	206.55	212.15	212.15		-13905.13			
	271+50.00	1.00	11.03	11.36	11.36	1.00	167.34	173.10	173.10		-14066.87			
	271+75.00	1.00	12.11	10.71	10.71	1.00	126.20	135.90	135.90		-14192.06			
	272+00.00	1.00	15.72	12.88	12.88	1.00	86.99	98.70	98.70		-14277.87			
	272+25.00	1.00	14.63	14.05	14.05	1.00	106.75	89.69	89.69		-14353.52			
	272+50.00	1.00	14.10	13.30	13.30	1.00	165.17	125.89	125.89		-14466.10			
	272+75.00	1.00	14.18	13.09	13.09	1.00	215.57	176.27	176.27		-14629.27			
	273+00.00	1.00	14.47	13.26	13.26	1.00	221.22	202.22	202.22		-14818.23			
	273+25.00	1.00	13.72	13.05	13.05	1.00	248.81	217.61	217.61		-15022.79			
	273+50.00	1.00	12.25	12.02	12.02	1.00	272.30	241.26	241.26		-15252.02			
	273+75.00	1.00	11.77	11.12	11.12	1.00	268.74	250.48	250.48		-15491.39			
	274+00.00	1.00	11.63	10.83	10.83	1.00	264.10	246.69	246.69		-15727.24			
	274+25.00	1.00	15.12	12.38	12.38	1.00	160.25	196.46	196.46		-15911.32			
	274+50.00	1.00	16.23	14.51	14.51	1.00	238.71	184.70	184.70		-16081.50			
	274+75.00	1.00	32.50	22.56	22.56	1.00	28.48	123.70	123.70		-16182.64			
	275+00.00	1.00	25.04	26.64	26.64	1.00	138.02	77.08	77.08		-16233.09			
	275+25.00	1.00	11.95	17.12	17.12	1.00	196.69	154.96	154.96		-16370.92			
	275+50.00	1.00	14.99	12.47	12.47	1.00	111.20	142.54	142.54		-16501.00			
	275+75.00	1.00	0.13	7.00	7.00	1.00	53.65	76.32	76.32		-16570.31			
	276+00.00	1.00	6.75	3.19	3.19	1.00	14.97	31.77	31.77		-16598.89			
	276+25.00	1.00	24.69	14.56	14.56	1.00	31.49	21.51	21.51		-16605.85			
	276+50.00	1.00	2.00	12.36	12.36	1.00	165.30	91.11	91.11		-16684.59			
	276+75.00	1.00	3.57	2.58	2.58	1.00	296.52	213.81	213.81		-16895.82			
	277+00.00	1.00	0.34	1.81	1.81	1.00	399.65	322.30	322.30		-17216.32			
	277+25.00	1.00	0.00	0.16	0.16	1.00	495.81	414.56	414.56		-17630.72			
	277+50.00	1.00	0.00	0.00	0.00	1.00	555.33	486.64	486.64		-18117.36			
	277+75.00	1.00	0.00	0.00	0.00	1.00	669.10	566.86	566.86		-18684.22			
	278+00.00	1.00	0.00	0.00	0.00	1.00	781.38	671.52	671.52		-19355.74			
	278+25.00	1.00	0.00	0.00	0.00	1.00	581.67	631.04	631.04		-19986.79			
	278+50.00	1.00	0.00	0.00	0.00	1.00	432.25	469.40	469.40		-20456.19			
	278+75.00	1.00	67.59	31.29	31.29	1.00	391.00	381.13	381.13		-20806.03			
	279+00.00	1.00	164.12	107.28	107.28	1.00	359.74	347.57	347.57		-21046.32			
	279+25.00	1.00	295.63	212.85	212.85	1.00	347.34	327.35	327.35		-21160.83			
	279+50.00	1.00	491.41	364.37	364.37	1.00	303.73	301.42	301.42		-21097.87			
	279+75.00	1.00	740.73	570.44	570.44	1.00	254.12	258.26	258.26		-20785.70			
	280+00.00	1.00	854.52	738.54	738.54	1.00	186.82	204.14	204.14		-20251.30			
	280+25.00	1.00												

Baseline Station	----- Station Quantities -----							----- Fill -----					Mass Ordinate
	Factor	Area	Volume	Adjusted	Factor	Area	Volume	Adjusted					
296+00.00	1.00	3.37	2.76	2.76	1.00	59.08	75.61	75.61	13692.00				
296+25.00	1.00	3.81	3.32	3.32	1.00	76.19	62.62	62.62	13632.71				
296+50.00	1.00	3.75	3.50	3.50	1.00	98.03	80.66	80.66	13555.55				
296+75.00	1.00	2.54	2.91	2.91	1.00	126.41	103.91	103.91	13454.56				
297+00.00	1.00	1.57	1.91	1.91	1.00	157.13	131.27	131.27	13325.19				
297+25.00	1.00	1.62	1.48	1.48	1.00	173.50	153.07	153.07	13173.60				
297+50.00	1.00	1.55	1.47	1.47	1.00	194.26	170.26	170.26	13004.81				
297+75.00	1.00	1.33	1.34	1.34	1.00	223.54	193.43	193.43	12812.72				
298+00.00	1.00	1.28	1.21	1.21	1.00	249.05	218.79	218.79	12595.13				
298+25.00	1.00	1.53	1.30	1.30	1.00	269.86	240.23	240.23	12356.20				
298+50.00	1.00	1.10	1.22	1.22	1.00	270.48	250.16	250.16	12107.26				
298+75.00	1.00	1.79	1.34	1.34	1.00	256.25	243.86	243.86	11864.74				
299+00.00	1.00	1.08	1.33	1.33	1.00	239.81	229.66	229.66	11636.41				
299+25.00	1.00	1.25	1.08	1.08	1.00	222.89	214.21	214.21	11423.28				
299+50.00	1.00	1.46	1.25	1.25	1.00	203.81	197.55	197.55	11226.98				
299+75.00	1.00	0.67	0.99	0.99	1.00	194.74	184.52	184.52	11043.45				
300+00.00	1.00	0.03	0.32	0.32	1.00	198.27	181.95	181.95	10861.83				
300+25.00	1.00	0.40	0.20	0.20	1.00	182.37	176.22	176.22	10685.80				
300+50.00	1.00	0.33	0.34	0.34	1.00	168.68	162.52	162.52	10523.62				
300+75.00	1.00	0.85	0.55	0.55	1.00	162.84	153.48	153.48	10370.69				
301+00.00	1.00	0.70	0.72	0.72	1.00	155.38	147.32	147.32	10224.09				
301+25.00	1.00	1.04	0.81	0.81	1.00	159.07	145.58	145.58	10079.32				
301+50.00	1.00	1.12	1.00	1.00	1.00	164.57	149.84	149.84	9930.48				
301+75.00	1.00	1.33	1.13	1.13	1.00	172.69	156.14	156.14	9775.47				
302+00.00	1.00	1.47	1.30	1.30	1.00	178.51	162.59	162.59	9614.17				
302+25.00	1.00	1.07	1.18	1.18	1.00	181.14	166.51	166.51	9448.85				
302+50.00	1.00	0.77	0.85	0.85	1.00	191.62	172.58	172.58	9277.12				
302+75.00	1.00	0.87	0.76	0.76	1.00	234.19	197.14	197.14	9080.74				
303+00.00	1.00	1.33	1.02	1.02	1.00	278.47	237.34	237.34	8844.42				
303+25.00	1.00	0.36	0.78	0.78	1.00	342.08	287.29	287.29	8557.91				
303+50.00	1.00	0.68	0.48	0.48	1.00	399.16	343.17	343.17	8215.22				
303+75.00	1.00	0.95	0.76	0.76	1.00	455.09	395.48	395.48	7820.49				
304+00.00	1.00	0.97	0.89	0.89	1.00	516.14	449.64	449.64	7371.74				
304+25.00	1.00	1.80	1.28	1.28	1.00	626.36	528.94	528.94	6844.09				
304+50.00	1.00	1.78	1.66	1.66	1.00	649.64	590.74	590.74	6255.00				
304+75.00	1.00	1.79	1.65	1.65	1.00	545.33	553.23	553.23	5703.43				
305+00.00	1.00	1.46	1.51	1.51	1.00	469.34	469.76	469.76	5235.18				
305+25.00	1.00	1.05	1.16	1.16	1.00	400.29	402.61	402.61	4833.73				
305+50.00	1.00	0.77	0.84	0.84	1.00	349.80	347.26	347.26	4487.31				
305+75.00	1.00	0.76	0.71	0.71	1.00	294.64	298.35	298.35	4189.67				
306+00.00	1.00	0.88	0.76	0.76	1.00	246.34	250.45	250.45	3939.98				
306+25.00	1.00	0.71	0.74	0.74	1.00	204.34	208.65	208.65	3732.07				
306+50.00	1.00	0.79	0.69	0.69	1.00	170.44	173.51	173.51	3559.25				
306+75.00	1.00	0.94	0.80	0.80	1.00	132.13	140.08	140.08	3419.97				
307+00.00	1.00	1.55	1.16	1.16	1.00	90.51	103.08	103.08	3318.05				
307+25.00	1.00	5.90	3.45	3.45	1.00	62.16	70.68	70.68	3250.82				
307+50.00	1.00	10.29	7.50	7.50	1.00	36.13	45.51	45.51	3212.81				
307+75.00	1.00	20.95	14.46	14.46	1.00	12.84	22.67	22.67	3204.60				
308+00.00	1.00	33.02	24.99	24.99	1.00	0.00	5.94	5.94	3223.65				
308+25.00	1.00	50.43	38.64	38.64	1.00	0.00	0.00	0.00	3262.29				
308+50.00	1.00	37.48	40.70	40.70	1.00	0.00	0.00	0.00	3302.99				
308+75.00	1.00	29.48	31.00	31.00	1.00	0.47	0.22	0.22	3333.77				
309+00.00	1.00	23.88	24.70	24.70	1.00	2.18	1.23	1.23	3357.24				
309+25.00	1.00	19.09	19.89	19.89	1.00	6.80	4.16	4.16	3372.98				
309+50.00	1.00	16.70	16.57	16.57	1.00	11.02	8.25	8.25	3381.30				
309+75.00	1.00	13.14	13.81	13.81	1.00	18.97	13.88	13.88	3381.23				
310+00.00	1.00	10.24	10.82	10.82	1.00	32.00	23.59	23.59	3368.46				
310+25.00	1.00	8.01	8.45	8.45	1.00	42.54	34.51	34.51	3342.40				
310+50.00	1.00	5.46	6.24	6.24	1.00	49.23	42.48	42.48	3306.16				
310+75.00	1.00	7.37	5.94	5.94	1.00	45.02	43.63	43.63	3268.46				
311+00.00	1.00	8.14	7.18	7.18	1.00	39.57	39.16	39.16	3236.48				
311+25.00	1.00	7.66	7.31	7.31	1.00	30.23	32.32	32.32	3211.48				
311+50.00	1.00	10.04	8.20	8.20	1.00	15.14	21.01	21.01	3198.67				
311+75.00	1.00	13.91	11.09	11.09	1.00	5.22</							

Baseline Station	----- Station Quantities -----								Mass Ordinate
	----- Cut -----				----- Fill -----				
Factor	Area	Volume	Adjusted	Factor	Area	Volume	Adjusted		
329+50.00	1.00	0.00	0.01	0.01	1.00	280.97	257.34	257.34	-3604.44
329+75.00	1.00	0.00	0.00	0.00	1.00	264.06	252.33	252.33	-3856.76
330+00.00	1.00	0.00	0.00	0.00	1.00	273.50	248.87	248.87	-4105.63
330+25.00	1.00	0.03	0.01	0.01	1.00	241.46	238.41	238.41	-4344.03
330+50.00	1.00	0.00	0.01	0.01	1.00	216.51	212.02	212.02	-4556.04
330+75.00	1.00	0.08	0.04	0.04	1.00	197.33	191.60	191.60	-4747.59
331+00.00	1.00	0.00	0.04	0.04	1.00	182.93	176.04	176.04	-4923.60
331+25.00	1.00	0.02	0.01	0.01	1.00	198.89	176.76	176.76	-5100.36
331+50.00	1.00	0.00	0.01	0.01	1.00	227.22	197.27	197.27	-5297.62
331+75.00	1.00	0.00	0.00	0.00	1.00	224.18	208.98	208.98	-5506.60
332+00.00	1.00	0.00	0.00	0.00	1.00	212.43	202.13	202.13	-5708.74
332+25.00	1.00	0.00	0.00	0.00	1.00	215.64	198.18	198.18	-5906.91
332+50.00	1.00	0.00	0.00	0.00	1.00	207.00	195.67	195.67	-6102.58
332+75.00	1.00	0.00	0.00	0.00	1.00	187.34	182.57	182.57	-6285.15
333+00.00	1.00	0.00	0.00	0.00	1.00	183.67	171.77	171.77	-6456.92
333+25.00	1.00	0.00	0.00	0.00	1.00	163.04	160.52	160.52	-6617.43
333+50.00	1.00	0.00	0.00	0.00	1.00	138.08	139.41	139.41	-6756.84
333+75.00	1.00	0.00	0.00	0.00	1.00	97.52	109.07	109.07	-6865.91
334+00.00	1.00	0.00	0.00	0.00	1.00	54.94	70.58	70.58	-6936.49
334+25.00	1.00	0.01	0.00	0.00	1.00	48.11	47.71	47.71	-6984.19
334+50.00	1.00	0.00	0.00	0.00	1.00	66.88	53.24	53.24	-7037.42
334+75.00	1.00	0.01	0.00	0.00	1.00	105.04	79.59	79.59	-7117.01
335+00.00	1.00	0.00	0.00	0.00	1.00	126.34	107.12	107.12	-7224.13
335+25.00	1.00	0.01	0.01	0.01	1.00	126.85	117.22	117.22	-7341.34
335+50.00	1.00	0.00	0.01	0.01	1.00	136.06	121.72	121.72	-7463.06
335+75.00	1.00	0.00	0.00	0.00	1.00	105.97	112.05	112.05	-7575.11
336+00.00	1.00	0.00	0.00	0.00	1.00	86.01	88.88	88.88	-7663.99
336+25.00	1.00	0.00	0.00	0.00	1.00	74.03	74.09	74.09	-7738.08
336+50.00	1.00	0.00	0.00	0.00	1.00	91.64	76.70	76.70	-7814.78
336+75.00	1.00	0.01	0.00	0.00	1.00	118.90	97.47	97.47	-7912.25
337+00.00	1.00	0.00	0.00	0.00	1.00	146.23	122.75	122.75	-8035.00
337+25.00	1.00	0.00	0.00	0.00	1.00	169.59	146.22	146.22	-8181.21
337+50.00	1.00	0.00	0.00	0.00	1.00	202.04	172.05	172.05	-8353.26
337+75.00	1.00	0.02	0.01	0.01	1.00	170.17	172.32	172.32	-8525.58
338+00.00	1.00	0.00	0.01	0.01	1.00	179.73	161.99	161.99	-8687.56
338+25.00	1.00	0.01	0.01	0.01	1.00	155.63	155.26	155.26	-8842.81
338+50.00	1.00	0.00	0.01	0.01	1.00	161.74	146.93	146.93	-8989.74
338+75.00	1.00	0.02	0.01	0.01	1.00	159.71	148.82	148.82	-9138.55
339+00.00	1.00	0.00	0.01	0.01	1.00	147.85	142.39	142.39	-9280.93
339+25.00	1.00	0.13	0.06	0.06	1.00	110.22	119.48	119.48	-9400.34
339+50.00	1.00	6.86	3.24	3.24	1.00	47.76	73.14	73.14	-9470.25
339+75.00	1.00	3.16	4.63	4.63	1.00	30.33	36.15	36.15	-9501.76
340+00.00	1.00	0.25	1.58	1.58	1.00	31.97	28.84	28.84	-9529.03
340+25.00	1.00	0.45	0.33	0.33	1.00	23.00	25.45	25.45	-9554.16
340+50.00	1.00	6.27	3.11	3.11	1.00	12.90	16.62	16.62	-9567.67
340+75.00	1.00	22.01	13.09	13.09	1.00	6.58	9.02	9.02	-9563.59
341+00.00	1.00	77.56	46.10	46.10	1.00	0.00	3.04	3.04	-9520.54
341+10.00	1.00	93.02	31.59	31.59	1.00	0.00	0.00	0.00	-9488.95
Grand Total:			53739.57	53739.57		63228.52	63228.52		

AC Removal =(11021.7506*(8/12)/27)=272.14

End Area Volume Report

Report Created: Thursday, January 29, 2026
Time: 10:15:17 AM

Cross Section Set Name: SB US 93 EW Phase 2

Alignment Name: SB US 93 Cst CL1

Input Grid Factor: Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

-----Station Quantities-----													
Baseline Station	Factor	Area	-----Cut-----						-----Fill-----				
			Volume	Adjusted	Factor	Area	Volume	Adjusted	Factor	Area	Volume	Adjusted	Mass Ordinate
215+47.95	1.00	0.49	0.00	0.00	1.00	2.21	0.00	0.00				0.00	0.00
215+50.00	1.00	0.38	0.03	0.03	1.00	2.31	0.17	0.17				0.17	-0.14
215+75.00	1.00	0.39	0.36	0.36	1.00	2.95	2.44	2.44				2.44	-2.22
216+00.00	1.00	1.14	0.71	0.71	1.00	2.54	2.54	2.54				2.54	-4.06
216+25.00	1.00	0.99	0.98	0.98	1.00	3.01	2.57	2.57				2.57	-5.64
216+50.00	1.00	0.09	0.50	0.50	1.00	8.72	5.43	5.43				5.43	-10.57
216+75.00	1.00	0.15	0.11	0.11	1.00	21.36	13.93	13.93				13.93	-24.39
217+00.00	1.00	0.20	0.16	0.16	1.00	44.56	30.52	30.52				30.52	-54.75
217+25.00	1.00	0.12	0.15	0.15	1.00	13.53	26.89	26.89				26.89	-81.49
217+50.00	1.00	0.05	0.08	0.08	1.00	10.73	11.23	11.23				11.23	-92.65
217+75.00	1.00	0.03	0.04	0.04	1.00	12.80	10.89	10.89				10.89	-103.50
218+00.00	1.00	0.00	0.02	0.02	1.00	14.03	12.42	12.42				12.42	-115.91
218+25.00	1.00	0.00	0.00	0.00	1.00	16.88	14.31	14.31				14.31	-130.22
218+50.00	1.00	0.00	0.00	0.00	1.00	21.34	17.69	17.69				17.69	-147.91
218+75.00	1.00	0.00	0.00	0.00	1.00	25.17	21.54	21.54				21.54	-169.45
219+00.00	1.00	0.00	0.00	0.00	1.00	30.64	25.84	25.84				25.84	-195.29
219+25.00	1.00	0.00	0.00	0.00	1.00	38.79	32.14	32.14				32.14	-227.43
219+50.00	1.00	0.00	0.00	0.00	1.00	44.44	38.53	38.53				38.53	-265.96
219+75.00	1.00	0.00	0.00	0.00	1.00	49.82	43.64	43.64				43.64	-309.60
220+00.00	1.00	0.00	0.00	0.00	1.00	57.13	49.51	49.51				49.51	-359.11
220+25.00	1.00	0.00	0.00	0.00	1.00	61.27	54.82	54.82				54.82	-413.92
220+50.00	1.00	0.00	0.00	0.00	1.00	62.62	57.36	57.36				57.36	-471.28
220+75.00	1.00	0.00	0.00	0.00	1.00	57.15	55.45	55.45				55.45	-526.73
221+00.00	1.00	0.00	0.00	0.00	1.00	42.63	46.19	46.19				46.19	-572.92
221+20.58	1.00	0.00	0.00	0.00	1.00	29.31	27.42	27.42				27.42	-600.33
Grand Total:			3.13	3.13			603.47	603.47					

AC Removal= 6101.2431 SF*(8inch/12)/27 = 150.65
CY

End Area Volume Report

Report Created: Thursday, January 29, 2026
Time: 10:36:42 AM

Cross Section Set Name: SB US 93 RA EW Phase 2

Alignment Name: SB US 93 Cst CL1

Input Grid Factor: Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Baseline Station	Factor	----- Cut -----			----- Station Quantities -----				----- Fill -----			Mass Ordinate
		Area	Volume	Adjusted	Factor	Area	Volume	Adjusted	Factor	Area	Volume	
215+47.88	1.00	53.96	0.00	0.00	1.00	2.72	0.00	0.00	1.00	2.72	0.00	0.00
215+50.00	1.00	53.75	4.22	4.22	1.00	2.57	0.21	0.21	1.00	2.57	0.21	4.01
215+75.00	1.00	51.01	48.50	48.50	1.00	5.71	3.83	3.83	1.00	5.71	3.83	48.68
216+00.00	1.00	48.57	46.10	46.10	1.00	3.98	4.48	4.48	1.00	3.98	4.48	90.29
216+25.00	1.00	46.90	44.20	44.20	1.00	7.24	5.19	5.19	1.00	7.24	5.19	129.29
216+50.00	1.00	44.96	42.53	42.53	1.00	13.78	9.73	9.73	1.00	13.78	9.73	162.09
216+75.00	1.00	44.03	41.20	41.20	1.00	20.23	15.74	15.74	1.00	20.23	15.74	187.55
217+00.00	1.00	42.17	39.91	39.91	1.00	26.98	21.86	21.86	1.00	26.98	21.86	205.60
217+25.00	1.00	39.76	37.93	37.93	1.00	55.28	38.08	38.08	1.00	55.28	38.08	205.45
217+50.00	1.00	36.07	35.10	35.10	1.00	233.12	133.52	133.52	1.00	233.12	133.52	107.03
217+62.41												0.00
217+75.00	1.00	34.41	32.63	32.63	1.00	303.07	248.24	248.24	1.00	303.07	248.24	-108.58
218+00.00	1.00	31.97	30.73	30.73	1.00	193.85	230.05	230.05	1.00	193.85	230.05	-307.89
218+25.00	1.00	29.64	28.52	28.52	1.00	88.25	130.60	130.60	1.00	88.25	130.60	-409.97
218+50.00	1.00	27.30	26.36	26.36	1.00	60.41	68.82	68.82	1.00	60.41	68.82	-452.43
218+75.00	1.00	25.13	24.27	24.27	1.00	67.44	59.19	59.19	1.00	67.44	59.19	-487.35
219+00.00	1.00	24.15	22.81	22.81	1.00	68.75	63.05	63.05	1.00	68.75	63.05	-527.59
219+25.00	1.00	22.54	21.62	21.62	1.00	64.18	61.54	61.54	1.00	64.18	61.54	-567.52
219+50.00	1.00	20.03	19.71	19.71	1.00	49.67	52.71	52.71	1.00	49.67	52.71	-600.52
219+75.00	1.00	16.96	17.12	17.12	1.00	35.42	39.39	39.39	1.00	35.42	39.39	-622.79
220+00.00	1.00	13.60	14.15	14.15	1.00	25.72	28.31	28.31	1.00	25.72	28.31	-636.95
220+25.00	1.00	9.70	10.78	10.78	1.00	14.52	18.63	18.63	1.00	14.52	18.63	-644.80
220+50.00	1.00	6.20	7.36	7.36	1.00	19.41	15.71	15.71	1.00	19.41	15.71	-653.15
220+75.00	1.00	3.28	4.39	4.39	1.00	32.90	24.22	24.22	1.00	32.90	24.22	-672.98
221+00.00	1.00	1.07	2.01	2.01	1.00	52.88	39.72	39.72	1.00	52.88	39.72	-710.68
221+25.00	1.00	0.02	0.50	0.50	1.00	147.92	92.96	92.96	1.00	147.92	92.96	-803.14
221+50.00	1.00	0.00	0.01	0.01	1.00	140.42	133.49	133.49	1.00	140.42	133.49	-936.62
221+75.00	1.00	0.00	0.00	0.00	1.00	140.20	129.92	129.92	1.00	140.20	129.92	-1066.53
222+00.00	1.00	0.00	0.00	0.00	1.00	114.35	117.85	117.85	1.00	114.35	117.85	-1184.38
222+25.00	1.00	0.52	0.24	0.24	1.00	148.25	121.58	121.58	1.00	148.25	121.58	-1305.72
222+50.00	1.00	9.12	4.46	4.46	1.00	165.22	145.12	145.12	1.00	165.22	145.12	-1446.38
222+75.00	1.00	0.00	4.22	4.22	1.00	0.00	76.49	76.49	1.00	0.00	76.49	-1518.65
223+00.00	1.00	0.00	0.00	0.00	1.00	66.78	30.91	30.91	1.00	66.78	30.91	-1549.56
223+25.00	1.00	2.44	1.13	1.13	1.00	223.63	134.45	134.45	1.00	223.63	134.45	-1682.88
223+50.00	1.00	0.00	1.13	1.13	1.00	258.45	223.18	223.18	1.00	258.45	223.18	-1904.93
223+75.00	1.00	3.23	1.49	1.49	1.00	141.83	185.31	185.31	1.00	141.83	185.31	-2088.75
224+00.00	1.00	9.87	6.06	6.06	1.00	9.03	69.85	69.85	1.00	9.03	69.85	-2152.53
224+25.00	1.00	7.71	8.14	8.14	1.00	58.16	31.11	31.11	1.00	58.16	31.11	-2175.50
224+50.00	1.00	8.15	7.34	7.34	1.00	52.86	51.40	51.40	1.00	52.86	51.40	-2219.55
224+75.00	1.00	11.76	9.22	9.22	1.00	27.07	37.01	37.01	1.00	27.07	37.01	-2247.34
225+00.00	1.00	17.35	13.48	13.48	1.00	35.47	28.95	28.95	1.00	35.47	28.95	-2262.82
225+25.00	1.00	23.66	18.99	18.99	1.00	20.86	26.08	26.08	1.00	20.86	26.08	-2269.91
225+50.00	1.00	30.21	24.94	24.94	1.00	18.81	18.37	18.37	1.00	18.81	18.37	-2263.34
225+75.00	1.00	55.65	39.75	39.75	1.00	8.48	12.63	12.63	1.00	8.48	12.63	-2236.22
226+00.00	1.00	66.52	56.56	56.56	1.00	0.05	3.95	3.95	1.00	0.05	3.95	-2183.61
226+25.00	1.00	79.70	67.70	67.70	1.00	0.00	0.02	0.02	1.00	0.00	0.02	-2115.94
226+50.00	1.00	90.23	78.67	78.67	1.00	0.70	0.32	0.32	1.00	0.70	0.32	-2037.59
226+75.00	1.00	99.26	87.72	87.72	1.00	0.16	0.40	0.40	1.00	0.16	0.40	-1950.26
226+96.49	1.00	80.25	71.42	71.42	1.00	0.00	0.06	0.06	1.00	0.00	0.06	-1878.90
Grand Total:			1105.33	1105.33			2984.24	2984.24				

AC Removal= 37166.008 SF*(8inch/12)/27 = 917.68 CY

End Area Volume Report

Report Created: Thursday, February 5, 2026
Time: 5:40:05 PM

Cross Section Set Name: SB US 93 and Retaining Wall Overlap

Alignment Name: SB US 93 Cst CL1

Input Grid Factor: Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

----- Station Quantities -----														
Baseline Station			----- Cut -----								----- Fill -----			Mass Ordinate
	Factor		Area	Volume	Adjusted	Factor		Area	Volume	Adjusted		Volume	Adjusted	
195+00.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	0.00
195+25.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	0.00
195+50.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	0.00
195+75.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	0.00
196+00.00	1.00		1265.38	585.82	585.82	1.00		0.00	0.00	0.00		0.00	0.00	585.82
196+25.00	1.00		2727.71	1848.65	1848.65	1.00		0.00	0.00	0.00		0.00	0.00	2434.47
196+50.00	1.00		0.00	1262.83	1262.83	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
196+75.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
197+00.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
197+25.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
197+50.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
197+75.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
198+00.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
198+25.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
198+50.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
198+75.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
199+00.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
199+25.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
199+50.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
199+75.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
200+00.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	3697.30
200+25.00	1.00		1781.71	824.87	824.87	1.00		0.00	0.00	0.00		0.00	0.00	4522.17
200+50.00	1.00		592.76	1099.29	1099.29	1.00		0.03	0.01	0.01		0.01	0.01	5621.45
200+75.00	1.00		0.00	274.43	274.43	1.00		0.00	0.01	0.01		0.01	0.01	5895.86
201+00.00	1.00		0.00	0.00	0.00	1.00		0.00	0.00	0.00		0.00	0.00	5895.86
Grand Total:				5895.89	5895.89					0.03		0.03		

End Area Volume Report

Report Created: Tuesday, January 27, 2026
Time: 4:57:54 PM

Cross Section Set Name: SB US 93 Roundabout ~~P-20~~ **Phase 2**

Alignment Name: SB US 93 Cst CL1

Input Grid Factor: **Note:** All units in this report are in feet, square feet and cubic yards unless specified otherwise.

----- Station Quantities -----												
Baseline Station	Factor	----- Cut -----				----- Fill -----				Adjusted	Mass Ordinate	
		Area	Volume	Adjusted	Factor	Area	Volume	Adjusted				
221+20.58	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00		
221+25.00	1.00	0.24	0.02	0.02	1.00	90.07	7.37	7.37	-7.35			
221+50.00	1.00	0.00	0.11	0.11	1.00	99.94	87.97	87.97	-95.21			
221+75.00	1.00	0.00	0.00	0.00	1.00	93.64	89.62	89.62	-184.82			
222+00.00	1.00	0.00	0.00	0.00	1.00	39.42	61.60	61.60	-246.42			
222+25.00	1.00	69.48	32.16	32.16	1.00	0.00	18.25	18.25	-232.51			
222+50.00	1.00	98.07	77.57	77.57	1.00	66.06	30.58	30.58	-185.52			
222+75.00	1.00	161.25	120.06	120.06	1.00	274.39	157.61	157.61	-223.08			
223+00.00	1.00	99.14	120.55	120.55	1.00	399.85	312.15	312.15	-414.67			
223+25.00	1.00	53.65	70.74	70.74	1.00	388.29	364.88	364.88	-708.81			
223+50.00	1.00	35.29	41.18	41.18	1.00	458.87	392.20	392.20	-1059.84			
223+75.00	1.00	5.33	18.80	18.80	1.00	519.41	452.91	452.91	-1493.94			
224+00.00	1.00	0.03	2.48	2.48	1.00	459.16	453.04	453.04	-1944.50			
224+25.00	1.00	0.58	0.28	0.28	1.00	189.20	300.17	300.17	-2244.38			
224+50.00	1.00	0.25	0.38	0.38	1.00	98.98	133.42	133.42	-2377.42			
224+75.00	1.00	0.00	0.12	0.12	1.00	45.81	67.03	67.03	-2444.33			
225+00.00	1.00	0.00	0.00	0.00	1.00	0.00	21.21	21.21	-2465.54			
225+25.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-2465.54			
225+50.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-2465.54			
225+75.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-2465.54			
226+00.00	1.00	14.50	6.71	6.71	1.00	23.98	11.10	11.10	-2469.93			
226+25.00	1.00	22.63	17.19	17.19	1.00	19.98	20.35	20.35	-2473.09			
226+50.00	1.00	28.23	23.55	23.55	1.00	15.75	16.55	16.55	-2466.09			
226+75.00	1.00	79.93	50.07	50.07	1.00	7.19	10.62	10.62	-2426.64			
227+00.00	1.00	154.70	108.63	108.63	1.00	2.90	4.67	4.67	-2322.68			
227+25.00	1.00	174.80	152.55	152.55	1.00	1.28	1.93	1.93	-2172.07			
227+50.00	1.00	181.61	165.00	165.00	1.00	1.20	1.15	1.15	-2008.21			
227+75.00	1.00	191.35	172.67	172.67	1.00	0.00	0.56	0.56	-1836.10			
228+00.00	1.00	199.22	180.82	180.82	1.00	0.00	0.00	0.00	-1655.28			
228+25.00	1.00	195.48	182.73	182.73	1.00	0.31	0.14	0.14	-1472.69			
228+50.00	1.00	204.37	185.11	185.11	1.00	0.18	0.23	0.23	-1287.80			
228+75.00	1.00	196.62	185.64	185.64	1.00	0.64	0.38	0.38	-1102.54			
229+00.00	1.00	180.92	174.79	174.79	1.00	1.91	1.18	1.18	-928.93			
229+25.00	1.00	186.07	169.90	169.90	1.00	2.07	1.84	1.84	-760.87			
229+50.00	1.00	189.74	173.99	173.99	1.00	1.41	1.61	1.61	-588.49			
229+75.00	1.00	177.39	169.97	169.97	1.00	2.31	1.72	1.72	-420.25			
230+00.00	1.00	154.08	153.46	153.46	1.00	4.36	3.09	3.09	-269.88			
230+25.00	1.00	126.59	129.94	129.94	1.00	8.47	5.94	5.94	-145.89			
230+50.00	1.00	104.71	107.09	107.09	1.00	12.09	9.52	9.52	-48.32			

230+65.28										0.00		

230+75.00	1.00	91.44	90.81	90.81	1.00	13.31	11.76	11.76	30.73			
231+00.00	1.00	92.00	84.93	84.93	1.00	12.91	12.14	12.14	103.52			
231+25.00	1.00	94.00	86.11	86.11	1.00	11.84	11.46	11.46	178.17			
231+35.00	1.00	97.43	35.45	35.45	1.00	10.63	4.16	4.16	209.46			

Grand Total:			3291.56	3291.56			3082.10	3082.10				

End Area Volume Report

Report Created: Wednesday, January 28, 2026
Time: 9:56:30 AM

Cross Section Set Name: East Frontage Rd EW Phase 2

Alignment Name: East Frontage Rd Cst CL

Input Grid Factor: Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

----- Station Quantities -----														
Baseline Station	Factor	----- Cut -----						----- Fill -----						Mass Ordinate
		Area	Volume	Adjusted	Factor	Area	Volume	Adjusted	Factor	Area	Volume	Adjusted		
113+48.16	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	
113+50.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	
113+75.00	1.00	11.87	5.49	5.49	1.00	19.43	9.00	9.00	1.00	18.84	9.00	18.84	-3.50	
114+00.00	1.00	0.00	5.49	5.49	1.00	0.00	9.00	9.00	1.00	9.00	9.00	9.00	-7.00	
114+25.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-7.00	
114+50.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	-7.00	
114+75.00	1.00	1.63	0.76	0.76	1.00	17.43	8.07	8.07	1.00	17.43	8.07	8.07	-14.31	
115+00.00	1.00	0.16	0.83	0.83	1.00	19.76	17.22	17.22	1.00	19.76	17.22	17.22	-30.70	
115+25.00	1.00	0.47	0.29	0.29	1.00	20.93	18.84	18.84	1.00	20.93	18.84	18.84	-49.25	
115+50.00	1.00	0.15	0.29	0.29	1.00	26.80	22.10	22.10	1.00	26.80	22.10	22.10	-71.06	
115+75.00	1.00	0.03	0.08	0.08	1.00	29.25	25.95	25.95	1.00	29.25	25.95	25.95	-96.93	
116+00.00	1.00	0.00	0.01	0.01	1.00	39.07	31.63	31.63	1.00	39.07	31.63	31.63	-128.55	
116+25.00	1.00	0.00	0.00	0.00	1.00	53.42	42.82	42.82	1.00	53.42	42.82	42.82	-171.37	
116+50.00	1.00	0.00	0.00	0.00	1.00	49.65	47.72	47.72	1.00	49.65	47.72	47.72	-219.09	
116+75.00	1.00	0.00	0.00	0.00	1.00	57.18	49.46	49.46	1.00	57.18	49.46	49.46	-268.55	
117+00.00	1.00	0.00	0.00	0.00	1.00	55.58	52.20	52.20	1.00	55.58	52.20	52.20	-320.75	
117+25.00	1.00	0.00	0.00	0.00	1.00	45.89	46.97	46.97	1.00	45.89	46.97	46.97	-367.73	
117+50.00	1.00	0.00	0.00	0.00	1.00	41.28	40.36	40.36	1.00	41.28	40.36	40.36	-408.08	
117+75.00	1.00	0.00	0.00	0.00	1.00	56.52	45.28	45.28	1.00	56.52	45.28	45.28	-453.36	
118+00.00	1.00	0.00	0.00	0.00	1.00	65.32	56.41	56.41	1.00	65.32	56.41	56.41	-509.77	
118+25.00	1.00	0.00	0.00	0.00	1.00	72.10	63.62	63.62	1.00	72.10	63.62	63.62	-573.40	
118+50.00	1.00	0.01	0.01	0.01	1.00	85.17	72.81	72.81	1.00	85.17	72.81	72.81	-646.20	
118+75.00	1.00	0.00	0.01	0.01	1.00	72.89	73.18	73.18	1.00	72.89	73.18	73.18	-719.37	
119+00.00	1.00	0.00	0.00	0.00	1.00	39.37	51.97	51.97	1.00	39.37	51.97	51.97	-771.34	
119+25.00	1.00	0.26	0.12	0.12	1.00	42.30	37.81	37.81	1.00	42.30	37.81	37.81	-809.03	
119+50.00	1.00	0.01	0.12	0.12	1.00	46.10	40.92	40.92	1.00	46.10	40.92	40.92	-849.83	
119+75.00	1.00	0.00	0.01	0.01	1.00	60.03	49.13	49.13	1.00	60.03	49.13	49.13	-898.96	
120+00.00	1.00	0.00	0.00	0.00	1.00	69.69	60.06	60.06	1.00	69.69	60.06	60.06	-959.02	
120+25.00	1.00	0.00	0.00	0.00	1.00	61.85	60.90	60.90	1.00	61.85	60.90	60.90	-1019.92	
120+50.00	1.00	0.00	0.00	0.00	1.00	54.95	54.08	54.08	1.00	54.95	54.08	54.08	-1073.99	
120+75.00	1.00	0.00	0.00	0.00	1.00	43.68	45.66	45.66	1.00	43.68	45.66	45.66	-1119.66	
121+00.00	1.00	0.00	0.00	0.00	1.00	29.10	33.69	33.69	1.00	29.10	33.69	33.69	-1153.35	
121+25.00	1.00	0.15	0.07	0.07	1.00	23.90	24.53	24.53	1.00	23.90	24.53	24.53	-1177.81	
121+50.00	1.00	0.31	0.22	0.22	1.00	19.48	20.08	20.08	1.00	19.48	20.08	20.08	-1197.67	
121+75.00	1.00	1.38	0.78	0.78	1.00	18.57	17.61	17.61	1.00	18.57	17.61	17.61	-1214.50	
122+00.00	1.00	2.92	1.99	1.99	1.00	13.51	14.85	14.85	1.00	13.51	14.85	14.85	-1227.36	
122+25.00	1.00	1.67	2.13	2.13	1.00	19.98	15.51	15.51	1.00	19.98	15.51	15.51	-1240.74	
122+50.00	1.00	2.12	1.76	1.76	1.00	12.78	15.17	15.17	1.00	12.78	15.17	15.17	-1254.15	
122+75.00	1.00	3.00	2.37	2.37	1.00	12.34	11.63	11.63	1.00	12.34	11.63	11.63	-1263.41	
123+00.00	1.00	2.22	2.42	2.42	1.00	12.30	11.41	11.41	1.00	12.30	11.41	11.41	-1272.39	
123+25.00	1.00	0.78	1.39	1.39	1.00	14.66	12.48	12.48	1.00	14.66	12.48	12.48	-1283.49	
123+50.00	1.00	5.29	2.81	2.81	1.00	18.09	15.16	15.16	1.00	18.09	15.16	15.16	-1295.84	
123+75.00	1.00	12.61	8.29	8.29	1.00	12.42	14.12	14.12	1.00	12.42	14.12	14.12	-1301.67	
124+00.00	1.00	12.45	11.60	11.60	1.00	12.28	11.43	11.43	1.00	12.28	11.43	11.43	-1301.51	
124+25.00	1.00	4.56	7.88	7.88	1.00	17.08	13.59	13.59	1.00	17.08	13.59	13.59	-1307.22	
124+50.00	1.00	0.01	2.12	2.12	1.00	33.52	23.43	23.43	1.00	33.52	23.43	23.43	-1328.53	
124+75.00	1.00	0.00	0.00	0.00	1.00	44.45	36.10	36.10	1.00	44.45	36.10	36.10	-1364.63	
125+00.00	1.00	0.00	0.00	0.00	1.00	47.34	42.50	42.50	1.00	47.34	42.50	42.50	-1407.13	
125+25.00	1.00	0.00	0.00	0.00	1.00	34.89	38.07	38.07	1.00	34.89	38.07	38.07	-1445.20	
125+50.00	1.00	3.83	1.77	1.77	1.00	16.80	23.93	23.93	1.00	16.80	23.93	23.93	-1467.36	
125+75.00	1.00	11.68	7.18	7.18	1.00	6.83	10.94	10.94	1.00	6.83	10.94	10.94	-1471.12	
126+00.00	1.00	8.40	9.30	9.30	1.00	16.60	10.85	10.85	1.00	16.60	10.85			

Baseline Station	----- Station Quantities -----							----- Fill -----				Mass	
	Factor	Area	Volume	Adjusted	Factor	Area	Volume	Adjusted	Mass Ordinate				
145+00.00	1.00	14.17	12.69	12.69	1.00	4.29	3.76	3.76		-1452.77			
145+25.00	1.00	17.22	14.53	14.53	1.00	7.28	5.35	5.35		-1443.59			
145+50.00	1.00	15.78	15.28	15.28	1.00	8.54	7.33	7.33		-1435.64			
145+75.00	1.00	14.28	13.91	13.91	1.00	8.72	8.00	8.00		-1429.72			
146+00.00	1.00	17.27	14.61	14.61	1.00	7.20	7.37	7.37		-1422.49			
146+25.00	1.00	4.96	10.30	10.30	1.00	11.02	8.43	8.43		-1420.63			
146+50.00	1.00	13.30	8.46	8.46	1.00	12.51	10.89	10.89		-1423.06			
146+75.00	1.00	5.90	8.89	8.89	1.00	14.05	12.29	12.29		-1426.47			
147+00.00	1.00	0.00	2.73	2.73	1.00	23.76	17.50	17.50		-1441.24			
147+25.00	1.00	0.09	0.04	0.04	1.00	23.61	21.93	21.93		-1463.13			
147+50.00	1.00	0.00	0.04	0.04	1.00	28.50	24.12	24.12		-1487.21			
147+75.00	1.00	0.00	0.00	0.00	1.00	29.16	26.70	26.70		-1513.91			
148+00.00	1.00	0.00	0.00	0.00	1.00	27.96	26.45	26.45		-1540.36			
148+25.00	1.00	0.09	0.04	0.04	1.00	26.07	25.01	25.01		-1565.33			
148+50.00	1.00	0.09	0.08	0.08	1.00	24.62	23.47	23.47		-1588.71			
148+75.00	1.00	1.79	0.87	0.87	1.00	23.82	22.42	22.42		-1610.26			
149+00.00	1.00	0.23	0.94	0.94	1.00	25.01	22.60	22.60		-1631.93			
149+25.00	1.00	0.43	0.31	0.31	1.00	25.69	23.47	23.47		-1655.10			
149+50.00	1.00	0.66	0.51	0.51	1.00	25.19	23.55	23.55		-1678.15			
149+75.00	1.00	0.45	0.51	0.51	1.00	23.50	22.54	22.54		-1700.17			
150+00.00	1.00	0.89	0.62	0.62	1.00	18.43	19.41	19.41		-1718.97			
150+25.00	1.00	1.23	0.98	0.98	1.00	18.40	17.05	17.05		-1735.04			
150+50.00	1.00	2.54	1.74	1.74	1.00	15.37	15.63	15.63		-1748.93			
150+75.00	1.00	1.94	2.07	2.07	1.00	17.62	15.27	15.27		-1762.13			
151+00.00	1.00	0.68	1.21	1.21	1.00	19.46	17.17	17.17		-1778.09			
151+25.00	1.00	0.32	0.46	0.46	1.00	20.87	18.67	18.67		-1796.31			
151+50.00	1.00	0.58	0.42	0.42	1.00	16.78	17.43	17.43		-1813.32			
151+75.00	1.00	2.83	1.58	1.58	1.00	12.82	13.70	13.70		-1825.45			
152+00.00	1.00	2.65	2.53	2.53	1.00	10.94	11.00	11.00		-1833.91			
152+25.00	1.00	1.07	1.72	1.72	1.00	17.37	13.11	13.11		-1845.30			
152+50.00	1.00	2.28	1.55	1.55	1.00	15.98	15.44	15.44		-1859.18			
152+75.00	1.00	1.56	1.78	1.78	1.00	20.28	16.79	16.79		-1874.19			
153+00.00	1.00	1.29	1.32	1.32	1.00	23.45	20.24	20.24		-1893.12			
153+25.00	1.00	0.78	0.96	0.96	1.00	24.31	22.11	22.11		-1914.28			
153+50.00	1.00	0.38	0.54	0.54	1.00	22.05	21.46	21.46		-1935.20			
153+75.00	1.00	5.62	2.78	2.78	1.00	13.06	16.25	16.25		-1948.68			
154+00.00	1.00	5.70	5.24	5.24	1.00	11.74	11.48	11.48		-1954.92			
154+25.00	1.00	32.83	17.84	17.84	1.00	0.00	5.43	5.43		-1942.52			
154+50.00	1.00	116.15	68.97	68.97	1.00	0.00	0.00	0.00		-1873.55			
154+75.00	1.00	258.47	173.44	173.44	1.00	0.00	0.00	0.00		-1700.11			
155+00.00	1.00	263.95	241.86	241.86	1.00	0.00	0.00	0.00		-1458.25			
155+25.00	1.00	101.48	169.18	169.18	1.00	0.00	0.00	0.00		-1289.06			
155+50.00	1.00	0.13	47.04	47.04	1.00	28.03	12.98	12.98		-1255.00			
155+75.00	1.00	0.00	0.06	0.06	1.00	79.55	49.81	49.81		-1304.75			
156+00.00	1.00	0.00	0.00	0.00	1.00	143.90	103.45	103.45		-1408.20			
156+25.00	1.00	0.00	0.00	0.00	1.00	197.12	157.88	157.88		-1566.08			
156+50.00	1.00	0.00	0.00	0.00	1.00	185.54	177.16	177.16		-1743.24			
156+75.00	1.00	0.00	0.00	0.00	1.00	179.05	168.79	168.79		-1912.03			
157+00.00	1.00	0.00	0.00	0.00	1.00	129.69	142.93	142.93		-2054.96			
157+25.00	1.00	0.00	0.00	0.00	1.00	41.57	79.29	79.29		-2134.25			
157+50.00	1.00	0.00	0.00	0.00	1.00	31.63	33.89	33.89		-2168.14			
157+75.00	1.00	0.00	0.00	0.00	1.00	56.85	40.96	40.96		-2209.10			
158+00.00	1.00	0.00	0.00	0.00	1.00	59.69	53.95	53.95		-2263.06			
158+25.00	1.00	0.00	0.00	0.00	1.00	77.54	63.53	63.53		-2326.59			
158+50.00	1.00	0.00	0.00	0.00	1.00	80.55	73.19	73.19		-2399.78			
158+75.00	1.00	0.00	0.00	0.00	1.00	71.85	70.56	70.56		-2470.33			
159+00.00	1.00	0.00	0.00	0.00	1.00	52.56	57.60	57.60		-2527.93			
159+25.00	1.00	22.90	10.60	10.60	1.00	4.54	26.43	26.43		-2543.76			
159+50.00	1.00	195.65	101.18	101.18	1.00	4.25	4.07	4.07		-2446.65			
159+75.00	1.00	390.43	271.33	271.33	1.00	0.00	1.97	1.97		-2177.28			
160+00.00	1.00	609.87	463.10	463.10	1.00	0.00	0.00	0.00		-1714.18			
160+25.00	1.00	827.21	665.31	665.31	1.00	0.00	0.00	0.00		-1048.87			
160+50.00	1.00	896.65	798.08	798.08	1.00	0.00	0.00	0.00		-250.79			
160+57.75											0.00		
160+75.00	1.00	850.40	808.82	808.82	1.00	0.00	0.00	0.00		558.03			
161+00.00	1.00	759.80	745.46	745.46	1.00	0.00	0.00	0.00		1303.49			
161+25.00	1.00	763.79	705.36	705.36	1.00	0.00	0.00	0.00		2008.86			
161+50.00	1.00	831.48	738.55	738.55	1.00	5.44	2.52	2.52		2744.88			
161+75.00	1.00	755.35	734.64	734.64	1.00	1.06	3.01	3.01		3476.52			
162+00.00	1.00	567.71	612.53	612.53	1.00	1.69	1.27	1.27		4087.77			
162+25.00	1.00	358.95	429.01	429.01	1.00	1.17	1.33	1.33		4515.46			
162+45.59	1.00	0.00	136.87	136.87	1.00	0.00	0.45	0.45		4651.88			
Grand Total:			9200.90	9200.90			4549.03	4549.03					

AC Removal= 2205.85SF*(8inch/12)/27 = 54.47 CY

End Area Volume Report

Report Created: Wednesday, January 28, 2026
Time: 10:35:20 AM

Cross Section Set Name: Moreton Airpark Rd EW Phase 1 **Phase 2**

Alignment Name: Moreton Airpark Rd Cst CL

Input Grid Factor: **Note:** All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Baseline Station	Factor	----- Station Quantities -----														Mass Ordinate
		----- Cut -----				----- Fill -----										
		Area	Volume	Adjusted	Factor	Area	Volume	Adjusted	Factor	Area	Volume	Adjusted				
17+69.99	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
17+75.00	1.00	34.40	3.19	3.19	0.29	1.00	0.29	0.03	0.03	0.03	0.03	0.03	0.03	3.17		
18+00.00	1.00	31.94	30.71	30.71	0.31	1.00	0.31	0.28	0.28	0.28	0.28	0.28	0.28	33.60		
18+25.00	1.00	32.41	29.79	29.79	0.19	1.00	0.19	0.23	0.23	0.23	0.23	0.23	0.23	63.17		
18+50.00	1.00	21.45	24.94	24.94	0.39	1.00	0.39	0.27	0.27	0.27	0.27	0.27	0.27	87.84		
18+75.00	1.00	29.09	23.40	23.40	0.27	1.00	0.27	0.31	0.31	0.31	0.31	0.31	0.31	110.93		
Grand Total:			112.03	112.03				1.10	1.10							

End Area Volume Report

Report Created: Wednesday, January 28, 2026
Time: 10:25:56 AM

Cross Section Set Name: Nine Irons Ranch Rd EW Phase 2

Alignment Name: Nine Irons Ranch Rd Cst CL

Input Grid Factor: Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Baseline Station	----- Station Quantities -----												Mass Ordinate
	Factor	----- Cut -----			Adjusted	Factor	----- Fill -----			Adjusted			
		Area	Volume				Area	Volume					
21+62.36	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00		
21+75.00	1.00	0.00	0.00	0.00	0.00	1.00	126.51	29.60	29.60	-29.60			
22+00.00	1.00	0.00	0.00	0.00	0.00	1.00	88.45	99.52	99.52	-129.12			
22+25.00	1.00	0.01	0.00	0.00	0.00	1.00	70.57	73.62	73.62	-202.73			
22+50.00	1.00	0.00	0.00	0.00	0.00	1.00	47.77	54.79	54.79	-257.52			
22+75.00	1.00	10.76	4.98	4.98	4.98	1.00	33.57	37.66	37.66	-290.19			
23+00.00	1.00	15.52	12.17	12.17	12.17	1.00	21.63	25.55	25.55	-303.58			
23+25.00	1.00	0.00	7.19	7.19	7.19	1.00	25.01	21.59	21.59	-317.99			
23+50.00	1.00	0.26	0.12	0.12	0.12	1.00	14.35	18.22	18.22	-336.09			
23+75.00	1.00	4.19	2.06	2.06	2.06	1.00	8.42	10.54	10.54	-344.57			
24+00.00	1.00	6.58	4.99	4.99	4.99	1.00	10.03	8.54	8.54	-348.12			
24+25.00	1.00	3.64	4.73	4.73	4.73	1.00	1.60	5.39	5.39	-348.77			
24+50.00	1.00	12.42	7.43	7.43	7.43	1.00	3.73	2.47	2.47	-343.81			
24+75.00	1.00	51.63	29.65	29.65	29.65	1.00	0.06	1.76	1.76	-315.91			
25+00.00	1.00	56.50	50.06	50.06	50.06	1.00	0.00	0.03	0.03	-265.88			
25+25.00	1.00	47.42	48.11	48.11	48.11	1.00	0.00	0.00	0.00	-217.77			
25+46.59	1.00	50.01	38.95	38.95	38.95	1.00	0.17	0.07	0.07	-178.88			
Grand Total:			210.45	210.45			389.34	389.34					

End Area Volume Report

Report Created: Wednesday, January 28, 2026
Time: 10:47:14 AM

Cross Section Set Name: Caballero Dr EW 1 Phase 2 **Phase 2**

Alignment Name: Caballero Dr Cst CL

Input Grid Factor: **Note:** All units in this report are in feet, square feet and cubic yards unless specified otherwise.

----- Station Quantities -----													
Baseline Station	Factor	----- Cut -----			----- Fill -----			Adjusted	Factor	Area	Volume	Adjusted	Mass Ordinate
		Area	Volume	Adjusted	Area	Volume	Adjusted						
19+40.00	1.00	0.02	0.00	0.00	0.02	0.00	0.00	0.00	1.00	0.02	0.00	0.00	0.00
19+50.00	1.00	51.34	9.51	9.51	0.60	0.11	0.11	0.11	1.00	0.60	0.11	0.11	9.40
19+75.00	1.00	85.32	63.27	63.27	0.00	0.28	0.28	0.28	1.00	0.00	0.28	0.28	72.38
19+77.96	1.00	0.00	4.68	4.68	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	77.06
Grand Total:			77.45	77.45		0.39	0.39						

AC Removal= 1460.2403SF*(8inch/12)/27 = 36.1 CY

End Area Volume Report

Report Created: Wednesday, January 28, 2026
Time: 10:49:17 AM

Cross Section Set Name: Caballero Dr EW 2 Phase 1 **Phase 2**

Alignment Name: Caballero Dr Cst CL

Input Grid Factor: **Note:** All units in this report are in feet, square feet and cubic yards unless specified otherwise.

----- Station Quantities -----													
Baseline Station	Factor	----- Cut -----						----- Fill -----					
		Area	Volume	Adjusted	Factor	Area	Volume	Adjusted	Factor	Area	Volume	Adjusted	Mass Ordinate
20+95.13	1.00	46.47	0.00	0.00	1.00	0.00	0.00	0.00				0.00	0.00
21+00.00	1.00	35.33	7.38	7.38	1.00	3.54	0.32	0.32				0.32	7.06
21+25.00	1.00	1.53	17.06	17.06	1.00	20.05	10.92	10.92				10.92	13.20
21+50.00	1.00	22.91	11.31	11.31	1.00	4.37	11.31	11.31				11.31	13.21
21+75.00	1.00	68.16	42.16	42.16	1.00	0.10	2.07	2.07				2.07	53.30
22+00.00	1.00	229.89	137.99	137.99	1.00	0.00	0.05	0.05				0.05	191.24
22+06.00	1.00	249.21	53.23	53.23	1.00	0.00	0.00	0.00				0.00	244.47
Grand Total:			269.14	269.14			24.67	24.67					

End Area Volume Report

Report Created: Wednesday, January 28, 2026
Time: 5:02:02 PM

Cross Section Set Name: Moreton Airpark Rd Detour EW Phase 2

Alignment Name: Moreton Airpark Rd Detour

Input Grid Factor: Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

----- Station Quantities -----													
Baseline Station	Factor	----- Cut -----				----- Fill -----				Adjusted	Mass Ordinate		
		Area	Volume	Adjusted	Factor	Area	Volume	Adjusted	Factor				
10+19.80	1.00	26.67	0.00	0.00	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
10+25.00	1.00	23.11	4.79	4.79	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	4.79
10+50.00	1.00	158.12	83.90	83.90	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	88.70
10+75.00	1.00	83.28	111.76	111.76	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	200.45
10+91.46	1.00	22.77	32.32	32.32	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	232.78
Grand Total:			232.78	232.78				0.00				0.00	

End Area Volume Report

Report Created: Thursday, January 29, 2026
Time: 11:35:26 AM

Cross Section Set Name: US93_N_Crossover_Phase 2

Alignment Name: US93_N_Crossover

Input Grid Factor: Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

----- Station Quantities -----														
Baseline Station	Factor	Area	----- Cut -----		Volume	Adjusted	Factor	Area	----- Fill -----		Volume	Adjusted	Mass	Ordinate
0+80.22	1.00	0.00			0.00	0.00	1.00	28.79			0.00	0.00		0.00
1+00.00	1.00	0.01			0.00	0.00	1.00	39.23			24.91	24.91		-24.91
1+25.00	1.00	0.00			0.00	0.00	1.00	41.45			37.35	37.35		-62.25
1+50.00	1.00	0.05			0.02	0.02	1.00	14.69			25.99	25.99		-88.22
1+75.00	1.00	0.06			0.05	0.05	1.00	21.52			16.76	16.76		-104.93
2+00.00	1.00	0.00			0.03	0.03	1.00	28.66			23.23	23.23		-128.14
2+25.00	1.00	0.15			0.07	0.07	1.00	34.34			29.17	29.17		-157.23
2+50.00	1.00	0.00			0.07	0.07	1.00	44.56			36.53	36.53		-193.69
2+75.00	1.00	0.26			0.12	0.12	1.00	38.17			38.30	38.30		-231.86
3+00.00	1.00	5.77			2.79	2.79	1.00	11.63			23.05	23.05		-252.12
3+25.00	1.00	4.35			4.68	4.68	1.00	6.48			8.38	8.38		-255.82
3+50.00	1.00	8.62			6.00	6.00	1.00	4.84			5.24	5.24		-255.06
3+75.00	1.00	8.71			8.02	8.02	1.00	4.93			4.53	4.53		-251.56
4+00.00	1.00	5.91			6.77	6.77	1.00	2.89			3.62	3.62		-248.42
4+25.00	1.00	4.64			4.88	4.88	1.00	1.53			2.04	2.04		-245.58
4+50.00	1.00	3.50			3.77	3.77	1.00	4.28			2.69	2.69		-244.50
4+75.00	1.00	4.15			3.54	3.54	1.00	0.31			2.13	2.13		-243.08
5+00.00	1.00	6.23			4.80	4.80	1.00	0.01			0.15	0.15		-238.43
5+25.00	1.00	6.61			5.94	5.94	1.00	0.00			0.00	0.00		-232.49
5+32.82	1.00	1.20			1.13	1.13	1.00	0.00			0.00	0.00		-231.36
Grand Total:					52.72	52.72					284.07	284.07		

F0738 US 93 VISTA ROYALE DSR; STAGE V PIPE EXCAVATION, BACKFILL, TRENCH BACKFILL

Pipe ID	Inside Pipe Dia	Pipe Thickness	Outside Pipe Diameter (D)	K	Number of Pipes (N)	Spacing	Pipe Length	Trench Width	Start Node H	Stop Node H	Excavation Depth	Bedding Depth	Pipe Volume	Pipe Bedding	Pipe Backfill	Pipe Excavation Volume	Trench Backfill
	in	in	in	ft		ft	ft	ft	ft	ft	ft	ft	CY	CY	CY	CY	CY
PE 198	24	3.75	31.5	2	1	1	46	4.63	18.5	1.5	10.5	3.13	9.2	9.7	13.6	82.7	50.2
PE 209	24	3.75	31.5	2	1	1	114	4.63	5	0	3.0	3.13	22.9	24.0	33.7	58.6	-22.0
224	36	4.75	45.5	2	1	1	75	5.79	4	7	6.0	4.29	31.4	22.9	30.9	96.5	11.4
225	36	4.75	45.5	2	1	1	88	5.79	7	3	5.5	4.29	36.8	26.8	36.3	103.8	3.9
PE 261	24	3.75	31.5	2	1	1	15	4.63	5.5	1.5	4.0	3.13	3.0	3.2	4.4	10.3	-0.3
PE 268	42	5.25	52.5	2	1	1	93	6.38	3	1	2.5	4.88	51.8	33.1	44.1	54.9	-74.1
PE 274	24	3.75	31.5	2	1	1	137	4.63	6.5	1	4.3	3.13	27.5	28.8	40.5	99.7	2.9
PE 292	24	3.75	31.5	2	1	1	84	4.63	1.5	0	1.3	3.13	16.8	17.7	24.9	18.0	-41.4
294	36	4.75	45.5	2	2	4.5	122	6.79	3.5	0	2.3	4.29	102.0	22.5	37.8	69.0	-93.3
PE 304	36	4.75	45.5	2	2	4.5	103	6.79	5	0	3.0	4.29	96.1	19.0	32.0	77.7	-59.4
PE 316	42	5.25	52.5	2	2	4.5	108	7.38	4.5	1.5	3.5	4.88	120.3	19.1	33.9	103.3	-70.1
PE 318	48	5.75	59.5	2	2	4.5	98	7.96	4.5	1.5	3.5	5.46	140.2	16.0	30.4	101.1	-85.5
PE 322	42	5.25	52.5	2	2	4.5	101	7.38	4.5	2	3.8	4.88	112.5	17.9	31.7	103.5	-58.6
410	36	4.75	45.5	2	1	1	125	5.79	3	0	2.0	4.29	52.3	38.1	51.5	53.6	-88.3
415	36	4.75	45.5	2	2	4.5	115	6.79	1	0	1.0	4.29	96.2	21.2	35.7	28.9	-124.1
425	24	3.75	31.5	2	1	1	55	4.63	2	1.5	2.3	3.13	11.0	11.6	16.3	21.2	-17.7
110	24	3.75	31.5	2	1	1	76	4.63	2.5	2	2.8	3.13	15.2	16.0	22.5	35.8	-17.9
150	24	3.75	31.5	2	1	1	81	4.63	2	0	1.5	3.13	16.2	17.0	24.0	20.8	-36.4
155	18	3.25	24.5	2	2	2.5	57	5.04	3	1	2.5	2.54	13.8	9.3	14.6	26.6	-11.1
160	36	4.75	45.5	2	1	1	66	5.79	2	1	2.0	4.29	27.6	20.1	27.2	28.3	-46.6
505	24	3.75	31.5	2	1	1	106	4.63	5	2	4.0	3.13	21.2	22.3	31.4	72.6	-2.3
507	24	3.75	31.5	2	1	1	88	4.63	6	3	5.0	3.13	17.6	18.5	26.0	75.4	13.2
510	24	3.75	31.5	2	1	1	46	4.63	4.5	0	2.8	3.13	9.2	9.7	13.6	21.7	-10.8
513	24	3.75	31.5	2	1	1	116	4.63	4.5	0	2.8	3.13	23.3	24.4	34.3	54.6	-27.3
514	24	3.75	31.5	2	1	1	81	4.63	4.5	0	2.8	3.13	16.2	17.0	24.0	38.2	-19.1
515	24	3.75	31.5	2	1	1	81	4.63	4	7	6.0	3.13	16.2	17.0	24.0	83.3	26.0
518	24	3.75	31.5	2	1	1	129	4.63	4	7	6.0	3.13	25.9	27.1	38.2	132.6	41.4
520	24	3.75	31.5	2	1	1	84	4.63	2.5	2	2.8	3.13	16.8	17.7	24.9	39.6	-19.8
522	24	3.75	31.5	2	1	1	11	4.63	2.5	2	2.8	3.13	2.2	2.3	3.3	5.2	-2.6
525	24	3.75	31.5	2	1	1	91	4.63	4.5	3.5	4.5	3.13	18.2	19.1	26.9	70.1	5.8
526	24	3.75	31.5	2	1	1	8	4.63	3	3	3.5	3.13	1.6	1.7	2.4	4.8	-0.9
527	24	3.75	31.5	2	1	1	6	4.63	2.5	2.5	3.0	3.13	1.2	1.3	1.8	3.1	-1.2
528	24	3.75	31.5	2	1	1	10	4.63	2.5	3.5	3.5	3.13	2.0	2.1	3.0	6.0	-1.1
529	24	3.75	31.5	2	1	1	9	4.63	2.5	3.5	3.5	3.13	1.8	1.9	2.7	5.4	-1.0
530	24	3.75	31.5	2	1	1	42	4.63	5	5	5.5	3.13	8.4	8.8	12.4	39.6	9.9
610	24	3.75	31.5	2	1	1	89	4.63	4	0.5	2.8	3.13	17.8	18.7	26.3	41.9	-21.0
615	24	3.75	31.5	2	1	1	58	4.63	2.5	4	3.8	3.13	11.6	12.2	17.2	37.3	-3.7
630	24	3.75	31.5	2	1	1	57	4.63	4.5	7	6.3	3.13	11.4	12.0	16.9	61.0	20.7
535	24	3.75	31.5	2	1	1	128	4.63	5	8	7.0	3.13	25.7	26.9	37.9	153.5	63.0
540	24	3.75	31.5	2	1	1	107	4.63	4.5	0	2.8	3.13	21.4	22.5	31.7	50.4	-25.2
501	24	3.75	31.5	2	1	1	87	4.63	0	0	0.5	3.13	17.4	18.3	25.7	7.5	-54.0
170	24	3.75	31.5	2	1	1	49	4.63	0	0	0.5	3.13	9.8	10.3	14.5	4.2	-30.4
													705.7		1024.8	2202.2	-818.3

Quantities Report by Named Boundary

Report Created: Wednesday, April 29, 2026
Time: 12:32:41 PM

Named Boundary
Group: <None>

Alignment Name: **DRAINAGE DITCHES**

Input Grid Factor:

Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Station	Named Boundary Name	Material	Count	Length	Slope Area	Volume
Totals						
	TC_Cutslope:				72632.211	
	Top Mesh:				4214.219	
	Volumes_Fill:				5114.013	147.798
	Volumes_Cut:				64402.647	4285.725
	TL_End Cond Cut Tie:			6088.721		
	TL_End Cond Hinge:			7364.212		

Quantities Report by Named Boundary

Report Created: Wednesday, May 6, 2026
Time: 8:40:23 PM

Named Boundary Group: <None>

Alignment Name: **Detail DL Berm**

Input Grid Factor:

Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Station	Named Boundary Name	Material	Count	Length	Slope Area	Volume
Totals						
	TC_Channel Concrete:				2174.878	
	Volumes_Cut:				263.296	2.635
	Volumes_Fill:				2425.282	84.375
	TC_Fillslope:				153.781	
	TC_Earth Shoulder:				356.409	
	TL_End Cond Berm Out:			52.024		
	TL_End Cond Hinge:			287.976		
	TL_End Cond Fill Tie:			48.237		

Quantities Report by Named Boundary

Report Created: Wednesday, May 6, 2026

Time: 9:44:38 PM

Named Boundary Group: <None>

Alignment Name: **Detail DK Berm**

Input Grid Factor:

Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Station	Named Boundary Name	Material	Count	Length	Slope Area	Volume
---------	---------------------	----------	-------	--------	------------	--------

Totals

	Volumes_Cut:				2189.311	207.349
	TC_Cutslope:				2632.795	
	TC_Cutslope Berm:				87.375	
	Volumes_Fill:				478.322	8.042
	TL_End Cond Hinge:			284.555		
	TL_End Cond Fill Tie:			108.695		
	TL_End Cond Berm Out:			71.741		

End Area Volume Report

Report Created: Tuesday, January 27, 2026
Time: 12:22:02 PM

Cross Section Set Name: SB US 93 Borrow Pit 1
Alignment Name: SB US 93 Cst CL1
Input Grid Factor: Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Baseline Station	Factor	----- Station Quantities -----				Factor	----- Fill -----				Mass Ordinate
		Area	Volume	Adjusted	Area		Volume	Adjusted			
278+60.00	1.00	26.57	0.00	0.00	1.00	67.47	0.00	0.00	0.00		
278+75.00	1.00	71.68	27.29	27.29	1.00	60.94	35.67	35.67	-8.38		
278+78.48									0.00		
279+00.00	1.00	171.66	112.66	112.66	1.00	52.47	52.51	52.51	51.78		
279+25.00	1.00	306.53	221.38	221.38	1.00	42.92	44.16	44.16	229.00		
279+50.00	1.00	505.45	375.92	375.92	1.00	30.94	34.19	34.19	570.72		
279+75.00	1.00	762.48	587.01	587.01	1.00	19.69	23.44	23.44	1134.29		
280+00.00	1.00	872.67	757.02	757.02	1.00	11.68	14.52	14.52	1876.78		
280+25.00	1.00	985.13	860.09	860.09	1.00	2.28	6.46	6.46	2730.41		
280+50.00	1.00	1095.68	963.34	963.34	1.00	0.00	1.06	1.06	3692.69		
280+75.00	1.00	1187.70	1057.12	1057.12	1.00	0.00	0.00	0.00	4749.81		
281+00.00	1.00	1258.09	1132.31	1132.31	1.00	0.00	0.00	0.00	5882.12		
281+25.00	1.00	1342.27	1203.87	1203.87	1.00	0.00	0.00	0.00	7085.99		
281+50.00	1.00	1426.49	1281.83	1281.83	1.00	0.00	0.00	0.00	8367.83		
281+75.00	1.00	1487.22	1348.94	1348.94	1.00	0.00	0.00	0.00	9716.76		
282+00.00	1.00	1533.86	1398.65	1398.65	1.00	0.00	0.00	0.00	11115.41		
282+25.00	1.00	1561.33	1432.96	1432.96	1.00	0.00	0.00	0.00	12548.37		
282+50.00	1.00	1582.29	1455.38	1455.38	1.00	0.00	0.00	0.00	14003.75		
282+75.00	1.00	1600.44	1473.48	1473.48	1.00	0.00	0.00	0.00	15477.23		
283+00.00	1.00	1620.80	1491.31	1491.31	1.00	0.00	0.00	0.00	16968.54		
283+25.00	1.00	1665.10	1521.25	1521.25	1.00	0.00	0.00	0.00	18489.79		
283+50.00	1.00	1700.50	1558.15	1558.15	1.00	0.00	0.00	0.00	20047.93		
283+75.00	1.00	1720.83	1583.95	1583.95	1.00	0.00	0.00	0.00	21631.88		
284+00.00	1.00	1741.81	1603.08	1603.08	1.00	0.00	0.00	0.00	23234.96		
284+25.00	1.00	1728.73	1606.73	1606.73	1.00	0.00	0.00	0.00	24841.69		
284+50.00	1.00	1694.76	1584.95	1584.95	1.00	0.00	0.00	0.00	26426.64		
284+75.00	1.00	1655.26	1550.94	1550.94	1.00	0.00	0.00	0.00	27977.58		
285+00.00	1.00	1616.76	1514.83	1514.83	1.00	0.00	0.00	0.00	29492.40		
285+25.00	1.00	1593.37	1486.17	1486.17	1.00	0.00	0.00	0.00	30978.58		
285+50.00	1.00	1565.21	1462.31	1462.31	1.00	0.00	0.00	0.00	32440.89		
285+75.00	1.00	1556.87	1445.41	1445.41	1.00	0.00	0.00	0.00	33886.29		
286+00.00	1.00	1545.52	1436.29	1436.29	1.00	0.00	0.00	0.00	35322.59		
286+25.00	1.00	1507.18	1413.29	1413.29	1.00	0.00	0.00	0.00	36735.88		
286+50.00	1.00	1477.21	1381.66	1381.66	1.00	0.00	0.00	0.00	38117.54		
286+75.00	1.00	1448.01	1354.27	1354.27	1.00	0.00	0.00	0.00	39471.81		
287+00.00	1.00	1423.84	1329.56	1329.56	1.00	0.00	0.00	0.00	40801.37		
287+25.00	1.00	1418.57	1315.93	1315.93	1.00	0.00	0.00	0.00	42117.29		
287+50.00	1.00	1415.50	1312.07	1312.07	1.00	0.00	0.00	0.00	43429.36		
287+75.00	1.00	1413.91	1309.92	1309.92	1.00	0.00	0.00	0.00	44739.28		
288+00.00	1.00	1420.32	1312.15	1312.15	1.00	0.00	0.00	0.00	46051.42		
288+25.00	1.00	1430.70	1319.91	1319.91	1.00	0.00	0.00	0.00	47371.34		
288+50.00	1.00	1458.44	1337.56	1337.56	1.00	0.00	0.00	0.00	48708.90		
288+75.00	1.00	1473.90	1357.56	1357.56	1.00	0.00	0.00	0.00	50066.46		
289+00.00	1.00	1478.48	1366.84	1366.84	1.00	0.00	0.00	0.00	51433.30		
289+25.00	1.00	1485.36	1372.15	1372.15	1.00	0.00	0.00	0.00	52805.45		
289+50.00	1.00	1488.73	1376.89	1376.89	1.00	0.00	0.00	0.00	54182.35		
289+75.00	1.00	1504.11	1385.57	1385.57	1.00	0.00	0.00	0.00	55567.92		
290+00.00	1.00	1488.57	1385.50	1385.50	1.00	0.00	0.00	0.00	56953.42		
290+25.00	1.00	1468.57	1369.05	1369.05	1.00	0.00	0.00	0.00	58322.46		
290+50.00	1.00	1422.76	1338.58	1338.58	1.00	0.00	0.00	0.00	59661.04		
290+75.00	1.00	1350.10	1283.73	1283.73	1.00	0.00	0.00	0.00	60944.77		
291+00.00	1.00	1246.46	1202.11	1202.11	1.00	0.00	0.00	0.00	62146.89		
291+25.00	1.00	1111.34	1091.57	1091.57	1.00	0.00	0.00	0.00	63238.46		
291+50.00	1.00	0.00	514.51	514.51	1.00	0.00	0.00	0.00	63752.97		
Grand Total:			63964.99	63964.99			212.02	212.02			

Quantities Report by Named Boundary

Report Created: Friday, December 12, 2025

Time: 5:22:02 PM

Named Boundary <None>

Group:

Alignment Name: **SB US 93 Retaining Wall Cut**

Input Grid Factor:

Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Station	Named Boundary Name	Material Count	Length	Slope Area	Volume
Totals					
	TC_Topsoil:			587.3258	
	TC_Fillslope:			10996.1577	
	TC_Aggregate Typ B:			957.6148	733.8800
	TC_Cutslope:			879.1119	
	TC_Bridge:			3679.6025	145.5432
	TC_Aggregate Typ A:			5729.1037	5080.6162
	TC_Aggregate Typ C:			8642.3870	3423.1333
	Volumes_Fill:			6946.7924	1971.6592
	Volumes_Cut:			10784.4111	2028.1881
	Wall_Bottom:		660.43		
	Wall_Top:		660.42		
	TL_Ret Wall UG:		1320.55		
	TL_End Cond Hinge:		277.08		
	TL_End Cond Cut Tie:		174.96		

Corridor Model Component Quantities Report

Report Created: Friday, December 12, 2025
Time: 5:30:56 PM

Corridor Name: Wall-1a

Alignment Name: **SB US 93 Retaining Wall 1**

Input Grid Factor: 1.000000

Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Station	Material	Component End Area Totals		Component Surface Area Totals		Unit Cost	Material Cost
		Area	Volume	Length	Area		
10+00.00							
	Cut Volume:					1.00	0.0000
	Fill Volume:					1.00	0.0000
	Mesh\Aggregate\TC_Aggregate Typ A:	80.0000				1.00	0.0000
	Mesh\Aggregate\TC_Aggregate Typ B:	30.0000				1.00	0.0000
	Mesh\Structural\TC_Bridge:	5.6333				1.00	0.0000
10+04.00							
	Cut Volume:					1.00	0.0000
	Fill Volume:					1.00	0.0000
	Mesh\Aggregate\TC_Aggregate Typ A:	80.0000	11.8519			1.00	11.8519
	Mesh\Aggregate\TC_Aggregate Typ B:	30.0000	4.4444			1.00	4.4444
	Mesh\Structural\TC_Bridge:	5.6333	0.8346			1.00	0.8346
10+06.29							
	Cut Volume:					1.00	0.0000
	Fill Volume:					1.00	0.0000
	Mesh\Aggregate\TC_Aggregate Typ A:	80.0000	6.7779			1.00	6.7779
	Mesh\Aggregate\TC_Aggregate Typ B:	30.0000	2.5417			1.00	2.5417
	Mesh\Structural\TC_Bridge:	5.6333	0.4773			1.00	0.4773

Station	Material	Component End Area Totals		Component Surface Area Totals		Unit Cost	Material Cost
		Area	Volume	Length	Area		
	Mesh\Aggregate\TC_Aggregate Typ C:	77.2463	5.7284			1.00	5.7284
	Mesh\Grading\TC_Fillslope:			21.85	43.7466	1.00	43.7466
	Mesh\Structural\TC_Bridge:	5.6333	0.4173			1.00	0.4173
11+70.00							
	Cut Volume:					1.00	0.0000
	Fill Volume:					1.00	0.0000
	Mesh\Aggregate\TC_Aggregate Typ A:	80.0000	5.9259			1.00	5.9259
	Mesh\Aggregate\TC_Aggregate Typ B:	30.0000	2.2222			1.00	2.2222
	Mesh\Aggregate\TC_Aggregate Typ C:	77.0712	5.7155			1.00	5.7155
	Mesh\Grading\TC_Fillslope:			21.80	43.6476	1.00	43.6476
	Mesh\Structural\TC_Bridge:	5.6333	0.4173			1.00	0.4173
11+71.00							
	Cut Volume:					1.00	0.0000
	Fill Volume:					1.00	0.0000
	Mesh\Aggregate\TC_Aggregate Typ A:	80.0000	2.9630			1.00	2.9630
	Mesh\Aggregate\TC_Aggregate Typ B:	30.0000	1.1111			1.00	1.1111
	Mesh\Aggregate\TC_Aggregate Typ C:	76.9837	2.8529			1.00	2.8529
	Mesh\Grading\TC_Fillslope:			21.77	21.7867	1.00	21.7867
	Mesh\Structural\TC_Bridge:	5.6333	0.2086			1.00	0.2086
Totals:							
	Cut Volume:					1.00	0.0000
	Fill Volume:					1.00	0.0000
	Mesh\Aggregate\TC_Aggregate Typ A:		537.7950			1.00	537.7950
	Mesh\Aggregate\TC_Aggregate Typ B:		190.0000			1.00	190.0000
	Mesh\Aggregate\TC_Aggregate Typ C:		292.0350			1.00	292.0350

Station	Material	Component End Area Totals		Component Surface Area Totals		Unit Cost	Material Cost
		Area	Volume	Length	Area		
Mesh\Aggregate\TC_Aggregate	Typ C:						
Mesh\Grading\TC_Fillslope:					2230.1995	1.00	2230.1995
Mesh\Structural\TC_Bridge:			35.6778			1.00	35.6778
Total Estimated Cost:							3405.71

Corridor Model Component Quantities Report

Report Created: Friday, December 12, 2025
Time: 5:32:00 PM

Corridor Name: Wall-2

Alignment Name: **SB US 93 Retaining Wall 2**

Input Grid Factor: 1.000000

Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Station	Material	Component End Area Totals		Component Surface Area Totals		Unit Cost	Material Cost
		Area	Volume	Length	Area		
10+00.00							
	Cut Volume:					1.00	0.0000
	Fill Volume:					1.00	0.0000
	Mesh\Aggregate\TC_Aggregate Typ A:	80.0000				1.00	0.0000
	Mesh\Aggregate\TC_Aggregate Typ B:	30.0000				1.00	0.0000
	Mesh\Aggregate\TC_Aggregate Typ C:	58.5271				1.00	0.0000
	Mesh\Grading\TC_Fillslope:			16.55		1.00	0.0000
	Mesh\Grading\TC_Topsoil:			4.00		1.00	0.0000
	Mesh\Structural\TC_Bridge:	5.6333				1.00	0.0000
10+04.00							
	Cut Volume:					1.00	0.0000
	Fill Volume:					1.00	0.0000
	Mesh\Aggregate\TC_Aggregate Typ A:	80.0000	11.8519			1.00	11.8519
	Mesh\Aggregate\TC_Aggregate Typ B:	30.0000	4.4444			1.00	4.4444
	Mesh\Aggregate\TC_Aggregate Typ C:	58.5559	8.6728			1.00	8.6728
	Mesh\Grading\TC_Fillslope:			16.56	66.2321	1.00	66.2321
	Mesh\Grading\TC_Topsoil:			4.00	16.0000	1.00	16.0000
	Mesh\Structural\TC_Bridge:	5.6333	0.8346			1.00	0.8346

Station	Material	Component End Area Totals		Component Surface Area Totals		Unit Cost	Material Cost
		Area	Volume	Length	Area		
Mesh\Aggregate\TC_Aggregate Typ B:		30.0000	2.6807			1.00	2.6807
Mesh\Aggregate\TC_Aggregate Typ C:		48.2708	4.1240			1.00	4.1240
Mesh\Grading\TC_Fillslope:				13.65	31.4936	1.00	31.4936
Mesh\Structural\TC_Bridge:		5.6333	0.5034			1.00	0.5034
Totals:							
	Cut Volume:					1.00	0.0000
	Fill Volume:					1.00	0.0000
Mesh\Aggregate\TC_Aggregate Typ A:			496.9909			1.00	496.9909
Mesh\Aggregate\TC_Aggregate Typ B:			141.2327			1.00	141.2327
Mesh\Aggregate\TC_Aggregate Typ C:			247.9656			1.00	247.9656
Mesh\Grading\TC_Fillslope:				1893.6518		1.00	1893.6518
Mesh\Structural\TC_Bridge:			33.0515			1.00	33.0515
Total Estimated Cost:							3240.89

End Area Volume Report

Report Created: Wednesday, January 28, 2026
Time: 5:17:36 PM

Cross Section Set Name: SB US 93_RA EW Phase 2 **Phase 3**

Alignment Name: SB US 93 Cst CL1

Input Grid Factor: **Note:** All units in this report are in feet, square feet and cubic yards unless specified otherwise.

----- Station Quantities -----														
Baseline Station	Factor	Area	----- Cut -----			----- Fill -----			Adjusted	Mass Ordinate				
			Volume	Adjusted	Factor	Area	Volume	Adjusted						
223+44.31	1.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00				0.00
223+50.00	1.00	0.96	0.10	0.10	1.00	3.41	0.36	0.36	0.36	-0.26				
223+75.00	1.00	1.83	1.29	1.29	1.00	30.93	15.90	15.90	15.90	-14.86				
224+00.00	1.00	0.00	0.85	0.85	1.00	99.39	60.33	60.33	60.33	-74.34				
224+25.00	1.00	0.00	0.00	0.00	1.00	198.59	137.95	137.95	137.95	-212.30				
224+50.00	1.00	0.00	0.00	0.00	1.00	238.54	202.37	202.37	202.37	-414.67				
224+75.00	1.00	0.00	0.00	0.00	1.00	124.94	168.28	168.28	168.28	-582.95				
225+00.00	1.00	1.29	0.60	0.60	1.00	52.08	81.95	81.95	81.95	-664.31				
225+25.00	1.00	2.00	1.52	1.52	1.00	27.87	37.02	37.02	37.02	-699.80				
225+50.00	1.00	2.90	2.27	2.27	1.00	21.45	22.83	22.83	22.83	-720.36				
225+75.00	1.00	5.45	3.86	3.86	1.00	15.38	17.05	17.05	17.05	-733.55				
225+85.25	1.00	9.11	2.76	2.76	1.00	10.80	4.97	4.97	4.97	-735.75				
Grand Total:			13.26	13.26			749.01	749.01						

AC Removal= 3576.6823SF*(8inch/12)/27 = 88.3 CY

End Area Volume Report

Report Created: Wednesday, January 28, 2026
Time: 5:20:52 PM

Cross Section Set Name: East Frontage Rd EW Phase 3

Alignment Name: East Frontage Rd Cst CL

Input Grid Factor: Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

----- Station Quantities -----											
Baseline Station	Factor	----- Cut -----			Adjusted	Factor	----- Fill -----			Adjusted	Mass Ordinate
		Area	Volume				Area	Volume			
113+48.16	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
113+50.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00
113+75.00	1.00	1.48	0.68	0.68	0.68	1.00	3.74	1.73	1.73	1.73	-1.05
113+78.90											0.00
114+00.00	1.00	19.78	9.84	9.84	9.84	1.00	3.02	3.13	3.13	3.13	5.66
114+25.00	1.00	36.00	25.83	25.83	25.83	1.00	4.62	3.54	3.54	3.54	27.95
114+50.00	1.00	13.31	22.83	22.83	22.83	1.00	5.55	4.71	4.71	4.71	46.07
114+74.96	1.00	0.00	6.15	6.15	6.15	1.00	0.47	2.78	2.78	2.78	49.44
Grand Total:			65.34	65.34	65.34			15.90	15.90	15.90	

End Area Volume Report

Report Created: Thursday, January 29, 2026
Time: 12:54:40 PM

Cross Section Set Name: SB US 93RA EW Phase 4A

Alignment Name: SB US 93 Cst CL1

Input Grid Factor: Note: All units in this report are in feet, square feet and cubic yards unless specified otherwise.

Baseline Station	Factor	----- Cut -----			----- Station Quantities -----			----- Fill -----			Adjusted	Mass Ordinate
		Area	Volume		Adjusted		Factor	Area	Volume			
222+60.43	1.00	0.00	0.00		0.00		1.00	0.00	0.00	0.00	0.00	
222+75.00	1.00	22.35	6.03		6.03		1.00	0.00	0.00	0.00	6.03	
223+00.00	1.00	68.88	42.24		42.24		1.00	3.24	1.50	1.50	46.76	
223+25.00	1.00	32.34	46.86		46.86		1.00	83.33	40.08	40.08	53.55	
223+39.85											0.00	
223+50.00	1.00	2.50	16.13		16.13		1.00	146.18	106.26	106.26	-36.58	
223+75.00	1.00	0.00	1.16		1.16		1.00	94.63	111.49	111.49	-146.91	
224+00.00	1.00	0.00	0.00		0.00		1.00	51.63	67.71	67.71	-214.62	
224+01.64	1.00	0.00	0.00		0.00		1.00	4.42	1.70	1.70	-216.32	
Grand Total:			112.41		112.41			328.73	328.73			

AC Removal= 1881.2728SF*(8inch/12)/27 = 46.45 CY