

EARTHWORK SUMMARY TABLE:

1	2	3	4	5	6
Street	Earth Excavation	Excavation for Embankment (Adjusted for Shrinkage)	Embankment	Porous Granular Backfill	Furnished Excavation Earthwork Balance Waste (+) or Shortage (-)
	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard
Stage 1					
E-N RAMP	218	185	56	27	129
S-W RAMP	485	412	120	77	292
Subtotal	703	597	175	104	422
Stage 2					
E-N RAMP	314	267	500	96	-233
S-W RAMP	138	117	80	52	37
Subtotal	452	385	581	148	-196
S-E RAMP	114	97	175	0	-78
Total	1,269	1,079	931	252	148

Shrinkage Factor: Earth Excavation: 15%

Column 2, 4 & 5 - Locations and Quantities from cross sections
Cut = Earth Excavation Fill = Embankment

Column 3 - Quantity of Earth Excavation (Cut) Adjusted for a shrinkage factor of 15%

Column 6 - Earthwork required. (-) = Quantity of Fill or Embankment Needed (Furnished Excavation)
(+) = Quantity to be wasted

CLEANING BRIDGE SCUPPERS AND DOWNSPOUTS

ROUTE	LT / RT	NORTHING	EASTING
S-E RAMP	LT	1,898,162	1,171,265
S-E RAMP	LT	1,897,890	1,171,305
S-E RAMP	LT	1,897,849	1,171,472
S-E RAMP	LT	1,897,881	1,171,599
S-E RAMP	RT	1,897,898	1,171,740
S-E RAMP	RT	1,897,915	1,171,806
S-E RAMP	RT	1,897,936	1,171,960
N-E RAMP	RT	1,897,904	1,171,965
N-E RAMP	RT	1,897,908	1,172,044
N-E RAMP	RT	1,897,912	1,172,133
N-E RAMP	RT	1,897,917	1,172,225
N-E RAMP	RT	1,897,918	1,172,298

STORM SEWER REMOVAL 12"

ROUTE	STA	STA	LT/RT	LENGTH
EN RAMP	1133+20.00	1133+38.00	RT	18
EN RAMP	1133+38.00	1133+70.00	RT	32

REMOVING MANHOLES

ROUTE	STA	OFFSET	EACH
E-N RAMP	1133+38	11.0 RT	1
E-N RAMP	1133+70	12.0 RT	1