

1 LOCATION	2 EARTH EXCAVATION				3 UNDERCUT AND PGE REPLACEMENT				4 EXCAVATION TO BE USED IN EMBANKMENT (SHINKAGE ADJ. 15%)				5 EMBANKMENT				6 EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)					
	STA TO STA		(CU YD)		(CU YD)		(CU YD)		(CU YD)		(CU YD)		(CU YD)		(CU YD)		(CU YD)					
STAGE	PRE	I	II	III	PRE	I	II	III	PRE	I	II	III	PRE	I	II	III	PRE	I	II	III		
York Road																						
40+08 40+50	50	0	0	0	0	0	0	0	43	0	0	0	0	0	0	0	43	0	0	0	0	
40+50 41+00	73	0	0	0	0	0	0	0	62	0	0	0	0	0	0	0	62	0	0	0	0	
41+00 41+50	80	0	0	0	0	0	0	0	68	0	0	0	0	0	0	0	68	0	0	0	0	
41+50 42+00	86	0	0	0	0	0	0	0	73	0	0	0	0	0	0	0	73	0	0	0	0	
42+00 42+50	77	0	0	0	0	0	0	0	65	0	0	0	0	0	0	0	65	0	0	0	0	
42+50 43+00	60	0	0	0	0	0	0	0	51	0	0	0	0	0	0	0	51	0	0	0	0	
43+00 43+50	44	0	0	0	0	0	0	0	37	0	0	0	0	0	0	0	37	0	0	0	0	
43+50 44+00	35	0	0	0	0	0	0	0	30	0	0	0	4	0	0	0	26	0	0	0	0	
44+00 44+50	80	0	0	0	0	0	0	0	68	0	0	0	7	0	0	0	61	0	0	0	0	
44+50 45+00	87	0	0	0	0	0	0	0	74	0	0	0	4	0	0	0	70	0	0	0	0	
45+00 45+50	88	0	0	0	0	0	0	0	75	0	0	0	1	0	0	0	74	0	0	0	0	
45+50 46+00	130	0	0	0	0	0	0	0	111	0	0	0	1	0	0	0	110	0	0	0	0	
46+00 46+50	87	0	0	0	0	0	0	0	74	0	0	0	0	0	0	0	74	0	0	0	0	
46+50 47+00	32	0	0	0	0	0	0	0	27	0	0	0	0	0	0	0	27	0	0	0	0	
SUBTOTALS	1009	0	0	0	0	0	0	0	858	0	0	0	17	0	0	0	841	0	0	0	0	
TOTALS	3148	15606	11640	419	0	322	188	0	2678	13270	9895	355	176	3328	372	0	2502	9942	9523	355		
	GRAND TOTAL: 30813				GRAND TOTAL: 510				GRAND TOTAL: 26198				GRAND TOTAL: 3876				GRAND TOTAL: 22322					
EARTH EXCAVATION		PRESTAGE		STAGE I		STAGE II		STAGE III		TOTALS												
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL		0		139		188		0		327												
POROUS GRANULAR EMBANKMENT FURNISHED EXCAVATION		0		139		188		0		327												
		0		0		0		0		0												

1 Location	2 Earth Excavation	3 Unsuitable or Unstable Material	4 Excavation to be used in Embankment Adjusted for Shrinkage	5 Embankment	6 Earthwork Balance Waste (+) or Shortage (-)
	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard	Cubic Yard
Sta. 355+65 to 364+00	4710	0	4005	676	+3329
Sta. 364+00 to 379+00	11505	327	9781	1832	+7949
Sta 379+00 to 390+00	4541	0	3860	361	+3499
Ramp E	1977	0	1680	60	+1620
Ramp F	6346	0	5397	840	+4557
Ramp O	124	0	106	17	+89
Ramp WB	601	0	511	73	+438
York Road	1009	0	858	17	+841
Total	30813	327	26198	3876	+22322

Shrinkage Factors: Earth Excavation: 15%
Borrow Excavation: 15%

- Column 1 - Location from plans.
- Column 2 - Cut quantities from cross sections, this does not include topsoil excavation.
- Column 3 - Cut material that is determined to be either unstable or unsuitable for use in embankment.
- Column 4 - Earth Excavation quantities that are to be used as fill material in embankment. Includes deduction for unsuitable material.
- Column 5 - Quantities from cross sections.
- Column 6 - Off-site material needed or material to waste.

PAY ITEMS:
EARTH EXCAVATION 30813 CY
REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL 327 CY
FURNISHED EXCAVATION 0 CY

NOTE: EXCESS WASTE MATERIAL TO BE PLACED IN LANDSCAPE BERMS - SEE SHEET 190