

EARTHWORK								
LOCATION STATION TO STATION	EXCAVATION					COMPACTION (TYPE B) (MR-90) (m <sup>3</sup> )	WASTE COMMON EXCAVATION (m <sup>3</sup> )	
	COMMON		COMMON (Contr. Furnished)		ROCK $\phi$			
	(m <sup>3</sup> )	V.M.F.	(m <sup>3</sup> )	V.M.F.	(m <sup>3</sup> )			V.M.F.
9+965.776 to 10+032.224	2164	0.8			272	1.2	78	2164
TOTAL	2164				272		78	2164

$\phi$  Existing Pavement to be wasted on sites provided by the Contractor.

PAVEMENT ITEMS				
STATION TO STATION	CONCRETE PAVEMENT (AE)	CONCRETE SAFETY BARRIER (Special)(AE) (m)	200 mm CRUSHED STONE/GEOGRID (m <sup>2</sup> )	REMARKS
	260 mm Uniform (AE) (m <sup>2</sup> )			
9+965.784 to 9+977.115 $\phi$	114.0	22.6	128.8	West Approach Slab
10+022.885 to 10+034.216 $\phi$	124.1	22.6	131.0	East Approach Slab
TOTAL	238.1	45.2	259.8	

RIPRAP (REINFORCED CONCRETE)(150 mm)			
STATION TO STATION	SIDE	QUANTITY (m <sup>2</sup> )	REMARKS
9+977.885 to 9+996.115	$\phi$	431.7	West RipRap
10+003.844 to 10+022.115	$\phi$	417.3	East RipRap
TOTAL		849.0	

SIDEWALK CONSTRUCTION (100 mm)(AE)			
STATION TO STATION	SIDE	QUANTITY (m <sup>2</sup> )	REMARKS
9+944.9 to 9+977.1	Lt.	85.14	Includes 1 Ramp
9+959.1 to 9+977.1	Rt.	66.30	Includes 1 Ramp
10+022.9 to 10+043.5	Lt.	40.25	
10+022.9 to 10+057.5	Rt.	68.40	Includes 2 Ramps
TOTAL		260.1	

EROSION CONTROL MAT			
STATION TO STATION	SIDE	QUANTITY (m <sup>2</sup> )	REMARKS
9+965.784 to 10+034.216	Lt.	429.3	
9+965.784 to 10+034.216	Rt.	363.2	
TOTAL		792.5	

CURB AND GUTTER, COMBINED (AE)			
STATION TO STATION	SIDE	TYPE I Length m	REMARKS
9+972.32 to 9+977.115	Lt.	4.8	Opening for 1 Ramp
9+959.10 to 9+977.115	Rt.	5.1	Opening for 1 Ramp
TOTAL		9.9	

ADJUSTMENT OF MANHOLE					
STATION	OFFSET	QUANTITY (Each)	EXIST. ELEV.	PROP. ELEV.	REMARKS
10+025.52	0.4 m Lt.	1	397.52	397.47	Sanitary Sewer Manhole
TOTAL		1			

RECAPITULATION OF QUANTITIES		
ITEM	QUANTITY	UNITS
<b>ROAD ITEMS:</b>		
Common Excavation	2164	cu. m
Rock Excavation	272	cu. m
Compaction of Earthwork (Type B)(MR-90)	78	cu. m
Concrete Pavement (260 mm)(Unif.)(AE)	238	sq. m
Concrete Safety Barrier (Special)(AE)	45.2	m
Curb and Gutter, Combined (AE)	9.9	m
Subgrade (Crushed Stone)(200 mm)	260	sq. m
Geogrid Reinforcement (for base)	260	sq. m
Bollard Remove and Replace	1	Lump Sum
Wheelchair Ramp	4	Each
Adjust Manhole	1	Each
<b>MISCELLANEOUS ITEMS:</b>		
Clearing and Grubbing	1	Lump Sum
Removal of Existing Structures	1	Lump Sum
Site Restoration	1	Lump Sum
Field Office and Laboratory (Type A)	1	Each
Contractor Construction Staking	1	Lump Sum
Mobilization	1	Lump Sum
Mobilization (DBE)	1	Lump Sum
<b>TEMP. PROJECT WATER POLL. CONTROL ITEMS:</b>		
Erosion Control BMP (Stabilized Entrance)	1	Each
Erosion Control BMP (Back of Curb Protection)	43.9	m
Erosion Control BMP (Slope Barrier)	102.6	m
<b>SEEDING, SODDING, EROSION CONTROL ITEMS:</b>		
Seeding	Lump Sum	L.S.
Riprap (Reinforced Concrete)(150 mm)	849.0	sq. m
Erosion Control Mat	792.5	sq. m
Gabion	101.8	cu. m
<b>PAVEMENT MARKING ITEMS:</b>		
Pavement Marking	1	Lump Sum
<b>SIGNING ITEMS:</b>		
Signing	1	Lump Sum
<b>TRAFFIC CONTROL ITEMS:</b>		
Traffic Control	1	Lump Sum
<b>MEASURED QUANTITY ROAD ITEMS:</b>		
Sidewalk Construction (100 mm)(AE)	260.1	sq. m
<b>BRIDGE ITEMS:</b>		
Class I Excavation	124	cu. m
Class II Excavation	88	cu. m
Grade 31 Concrete (AE)	80.9	cu. m
Grade 31 Concrete (AE)(SW)	346.0	cu. m
Reinforcing Steel (Grade 420)(Epoxy Coated)	45 720	kg
Reinforcing Steel (Grade 420)	1 500	kg
Abutment Strip Drain	44.3	sq. m
Bridge Handrail (Steel)	113.6	m
Bridge Drainage System	589	kg
Bridge Backwall Protection System	47.2	sq. m
<b>MEASURED QUANTITY BRIDGE ITEMS:</b>		
Steel Piles (HP250x62)	258.66	m
Pile (Pressure Grout)(350 mm)	130.55	m
<b>NON-PARTICIPATING ITEMS:</b>		
Transport of Salvaged Material	1	Lump Sum
Street Name Signing	1	Lump Sum
Bridge Plaque	1	Each
Sanitary Sewer Manhole Rehabilitation	1	Lump Sum

For Temporary Project Water Pollution Control Quantities See Sheet No. 31  
 For Seeding Quantities See Sheet No. 38  
 For Pavement Marking Quantities See Sheet No. 39  
 For Signing Quantities See Sheet No. 40  
 For Traffic Control Quantities See Sheet No. 46