

Drawn By: KVE
File: 2232\KDOT\stds\RD500SI
Plotted: 4-25-02

EARTHWORK														
STATION to STATION	EXCAVATION					COMPACTION		THROUGH CUTS NOT SUBGRADED			* EMBANKMENT m ³		PLACING SELECT SOIL ▲ m ³	
	COMMON		ROCK		COMMON (CONTR. FURN.) m ³	WASTE m ³	TYPE B MR-90 m ³		COMMON EXC. m ³	(TYPE B) (MR-90) m ³		INITIAL CONSOL.		SETTLEMENT
	m ³	VMF	m ³	VMF										
George Washington Blvd. 9+854.908 to 10+138.491	879	.80	360			519	288							
Mt. Vernon Road 49+964.930 to 49+993.151	154	.80	37			71	66							
50+001.871 to 50+029.692	110	.80	68			34	61							
TOTALS	1143		** 465			* 624	415							

φ Assumed VMF for Contractor furnished excavation is .80 .

* For Information Only.

▲ See General note.

** To Be Wasted

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0212-01	2002	17	59

RECAPITULATION OF ROAD QUANTITIES		
ITEM	QUANTITY	UNIT
Field Office & Lab. (Type A)	1.00	Lump Sum
Mobilization	1.00	Lump Sum
Mobilization DBE	1.00	Lump Sum
Removal of Existing Structures	1.00	Lump Sum
Clearing & Grubbing	1.00	Lump Sum
Common Excavation	1143.00	Cu. m
Rock Excavation	465.00	Cu. m
Compaction of Earthwork (Type B)(MR-90)	415.00	Cu. m
Sidewalk Construction (Special)(100 mm)(AE)	30.00	Sq. m
Sidewalk Construction (100 mm)(AE)	24.00	Sq. m
Curb & Gutter Combined (AE)	362.00	m
Type I Curb Inlet (W=1.320 m)	4.00	Each
450 mm Storm Sewer Pipe (RCP)	4.00	m
Adjustment of Manhole	5.00	Each
Adjustment of Valve Box	2.00	Each
Concrete Pavement (220 mm Uniform)(AE)(NRDJ)	1637.00	Sq. m
Concrete Pavement (200 mm Uniform)(AE)(NRDJ)	501.00	Sq. m
Concrete Pavement (160 mm Uniform)(AE)(Plain)	491.00	Sq. m
Crushed Stone Subgrade (180 mm)	736.00	Sq. m
Crushed Stone Subgrade (160 mm)	1781.00	Sq. m
Crushed Stone Subgrade (120 mm)	103.00	Sq. m
Geogrid Reinforcement (for Base)	2620.00	Sq. m
Traffic Signalization	1.00	Lump Sum
Traffic Signalization (Temporary)	1.00	Lump Sum
Pavement Markings	1.00	Lump Sum
Traffic Control	1.00	Lump Sum
Temporary Project Water Pollution Control	1.00	Lump Sum
Sodding	1.00	Lump Sum

NON-PARTICIPATING ITEMS		
ITEM	QUANTITY	UNIT
Paving Brick (80mm)	103.00	Sq. m
Relocate/Reconstruct Private Sprinkler System	1.00	Each
FOR CONSTRUCTION TRAFFIC CONTROL QUANTITIES, SEE SHEET 54		
FOR SEEDING QUANTITIES, SEE SHEET 27		
FOR PAVEMENT MARKING QUANTITIES, SEE SHEET 44		
FOR TRAFFIC SIGNAL QUANTITIES, SEE SHEET 31		
FOR TEMPORARY WATER POLLUTION CONTROL AND SOIL EROSION, SEE SHEET 18		

NO.	DATE	REVISIONS	BY	APP'D.
KANSAS DEPARTMENT OF TRANSPORTATION				
SUMMARY OF QUANTITIES				
RD500 SI				
FHWA APPROVAL	5-31-94	APP'D. James O. Brewer		
DESIGNED	DETAILED	QUANTITIES	TRACED Bowser	
DESIGN CK.	DETAIL CK.	QUAN. CK.	TRACE CK. Seitz	