

FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	SHEETS
7	KANSAS	87 N-0088-01	1999	23	38

EARTHWORK								
LOCATION STATION TO STATION	EXCAVATION					COMPACTION (TYPE B) (MR-90) (m ³)	WASTE COMMON EXCAVATION (m ³)	
	COMMON		COMMON (Contr. Furnished)		ROCK ϕ			
	(m ³)	V.M.F.	(m ³)	V.M.F.	(m ³)			V.M.F.
Station 1+416.24 to 1+484.17	3,090	0.80			64	1.00	43	3,036
TOTAL	3,090				64		43	3,036

ϕ Existing Pavement to be wasted on sites provided by the Contractor.

SIDEWALK CONSTRUCTION (100 mm)(AE)			
STATION TO STATION	SIDE	QUANTITY (m ²)	REMARKS
Station 1+415.26 to 1+433.98	Rt.	25	
Station 1+473.67 to 1+484.17	Rt.	15	
TOTAL		40	

CONCRETE SAFETY BARRIER (SPECIAL)(AE)		
STATION TO STATION	SIDE	QUANTITY (m.)
1+416.235 to 1+426.765	Lt.	10.53
1+416.235 to 1+432.770	Rt.	16.54
1+467.631 to 1+484.166	Lt.	16.54
1+473.636 to 1+484.166	Rt.	10.53
TOTAL		54.14

CONCRETE PAVEMENT (260 mm UNIF.)(AE)	
STATION TO STATION	QUANTITY (Sq. m.)
1+416.235 to 1+429.768	134.5
1+470.634 to 1+484.166	134.5
TOTAL	269.0

RECAPITULATION OF BRIDGE QUANTITIES		
ITEM	QUANTITY	UNITS
Class I Excavation	60	cu. m
Class II Excavation	20	cu. m
Grade 30 Concrete (AE)	82.1	cu. m
Grade 30 Concrete (AE)(SW)	296.4	cu. m
Reinforcing Steel (Grade 420)(Epoxy Coated)	39,430	kg
Reinforcing Steel (Grade 420)	2,380	kg
Steel Piles (HP250x62)	438.20	m
Steel Test Piles	31.15	m
Abutment Strip Drain	51	sq. m
Bridge Handrail (Steel)	93.2	m
Deck Drain	26	each
Slope Protection (Shot Rock)	250	cu. m
Bridge Backwall Protection System	54	sq. m
Bridge Plaque (Non Participating)	1	each

RECAPITULATION OF ROAD QUANTITIES		
ITEM	QUANTITY	UNITS
Clearing and Grubbing	Lump Sum	L.S.
Removal of Existing Structures	Lump Sum	L.S.
Common Excavation	3,090	cu. m
Rock Excavation	64	cu. m
Compaction of Earthwork (Type B)(MR-90)	43	cu. m
Concrete Pavement (260 mm Unif.)(AE)	269	sq. m
Concrete Safety Barrier (Special)(AE)	54.1	m
Crushed Stone Subgrade (200 mm)	258	sq. m
Geogrid Reinforcement (for base)	258	sq. m
Sidewalk Construction (100 mm) (AE)	40	sq. m
Contractor Construction Staking	Lump Sum	L.S.
Field Office and Laboratory (Type A)	1	Each
Mobilization	Lump Sum	L.S.
Mobilization (DBE)	Lump Sum	L.S.
Trainees Highway Construction (I)(Set)	1	Hour
Non-Participating		
Water Line Relocation	Lump Sum	L.S.

For Temporary Project Water Pollution Control Quantities See Sheet No. 24
For Seeding Quantities See Sheet No. 29
For Signing Quantities See Sheet No. 30
For Traffic Control Quantities See Sheet No. 37

KANSAS DEPARTMENT OF TRANSPORTATION			
SUMMARY OF QUANTITIES			
PROJ. NO. 87 N-0088-01		SEDGWICK CO.	
MID-KANSAS ENGINEERING CONSULTANTS, INC.			
WICHITA, KANSAS			
DESIGNED BY: KJS	CHECKED BY: MDK		
DRAWN BY: DPG	DATE: NOV. 98	SHEET	OF