RECAPITULATION OF ROAD QUANTITIES

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	96-87-044-1(11) & 1(13)	1976	237	557

	96-87-044-1(11)							96-87-044-1(13)									
	PT. I PHASE III	PT. II PHASE III	PT. I PHASE VI	PT. II PHASE VI	TOTAL 1(11)(PT. I)	TOTAL 1(11)(PT. II)	TOTAL 1(11)	PT. I PHASE I	PT. II PHASE I	PT. I PHASE II	PT. II PHASE II	PT. I PHASE IV	PT. I PHASE VI	TOTAL 1(13)(PT. I)	TOTAL 1(13)(PT. II)	TOTAL 1(13)	UNIT
Clearing and Grubbing	Lump Sum	Lump Sum			Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum		Lump Sum	Lump Sum	Lump Sum	Lump Sum
Common Excavation	30,000				30,000		30,000										Cu. Yds.
Rock Excavation	1,363				1,363		1,363	1,682		2,859				4,541		4,541	Cu. Yds.
* Embankment	294,872	230,725			294,872	230,725	525,597	1182,402	25,740	675,770		342,134		2227,308	25,740	2,253,048	Cu. Yds.
Rock Embankment	3,493	4,155			3,493	4,155	7,648										Cu. Yds.
Placing Select Soil	24,000				24,000		24,000										Cu. Yds.
Placing Select Soil (Contractor Furnished)	48,107	68,659			48,107	68,659	116,766	50,617	6,112	35,681		13,897		106,195	6,112	112,307	Cu. Yds.
Removal of Concrete Base for Light Standards								4		20				24		24	Each
Removal of Existing Structures	Lump Sum	Lump Sum			Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum		Lump Sum	Lump Sum	Lump Sum	Lump Sum
** Compaction of Earthwork (Type AA)(MR-0)			6,322	1,939	6,322	1,939	8,261			11,363	3,224		4,600	13,963	3,224	19,187	Cu. Yds.
Median Filler Material										5,003				5,003		5,003	Tons
Water	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	M.Gals
Shoulders (Earth Portion)			131.73	41.36	131.73	41.36	173.09			201	53.82		101.86	302.86	53.82	361.68	Sta.
Class III Excavation		50				50	50										Cu. Yds.
Class AAA Concrete		24.4				24.4	24.4										Cu. Yds.
Reinforcing Steel	42,280	2,110			42,280	2,110	44,390			12,560				12,560		12,560	Lbs.
Structural Steel		191				191	191										Lbs.
Sluice Gate (42")		1				1	1										Each
Class A Concrete	412.1				412.1		412.1			113.4				113.4		113.4	Cu. Yds.
Concrete Pavement (6" Uniform)(AE)(Plain)								4.52						4.52		4.52	Sq. Yds.
Concrete Pavement (9" Uniform)(AE)(Plain)			21,748	5,994	21,748	5,994	27,742	2858		63,305	10,057		13023	79,186	10,057	89,243	Sq. Yds.
Portland Cement Treated Base			26,483	7,372	26,483	7,372	33,855	3,384		76,442	12,035		16,440	96,226	12,035	108,321	Sq. Yds.
Cement			372	104	372	104	476	48		1,075	169		231	1,354	169	1,523	Tons
Water			117	33	117	33	150	15		330	53		73	428	53	481	M.Gal
Cutback Asphalt (MC-250)			27	8	27	8	35	4		79	13		17	100	13	113	Tons
Inlet (Type II Ditch)	1				1		1										Each
Inlet (Headwall)	1				1		1										Each
Outlet (Headwall)	1				1		1										Each
Inlet (Type I-Ditch)			2	1	2	1	3						1	1		1	Each
Inlet (Gutter)			7	4	7	4	11			11			10	21		21	Each
Inlet (Special Curb)										5				5		5	Each
Inlet (Special Gutter)										3				3		3	Each
Inlet (Special Ditch)								1		1				2		2	Each
5.0 Sq.Ft. Entrance Pipe (CMMAC)																	
24" Cross Road Pipe (S&P or CMP) (Bored in Place) (.375" or 10 gauge)										148				148		148	Each
15" Cross Road Pipe (R.C.P.)	68		49	50	117	50	167	84						84		84	Lin. Ft.
15" Cross Road Pipe (C.M.P.)			601	231	601	231	832			372			190	562		562	Lin. Ft.
18" Cross Road Pipe (R.C.P.)										878			639	1,517		1,517	Lin. Ft.
24" Cross Road Pipe (R.C.P.)								114	102					114	102	216	Lin. Ft.
24" Cross Road Pipe (C.M.P.)										6				6		6	Lin. Ft.
30" Cross Road Pipe (R.C.P.)	136				136		136	180						180		180	Lin. Ft.
30" Cross Road Pipe (C.M.P.)		141				141	141	120		114				234		234	Lin. Ft.
36" Cross Road Pipe (R.C.P.) (Class III)	252				252		252	81		140				221		221	Lin. Ft.
36" Cross Road Pipe (R.C.P.) (Class V)																	Lin. Ft.
36" Cross Road Pipe (C.M.P.)								228						228		228	Lin. Ft.
42" Cross Road Pipe (R.C.P.) (Class IV)								143						143		143	Lin. Ft.
42" Cross Road Pipe (C.M.P.)		58				58	58	208						208		208	Lin. Ft.
5.0 Sq.Ft. Cross Road Pipe (RCPHE)																	Lin. Ft.
7.0 Sq.Ft. Cross Road Pipe (RCPHE)										98				98		98	Lin. Ft.
16.5 Sq.Ft. Cross Road Pipe (RCPHE)								164		236				400		400	Lin. Ft.
1.5 Sq.Ft. Cross Road Pipe (CMMAC)												74		74		74	Lin. Ft.
21.0 Sq.Ft. Cross Road Pipe (CMMAC)										18		34		52		52	Lin. Ft.
15" End Sections (RC)									62						62	62	Lin. Ft.
15" End Sections (CM)			6	3	6	3	9			4				4		4	Each
24" End Sections (CM)										11			5	16		16	Each
30" End Sections (RC)	2				2		2	1						1		1	Each
30" End Sections (CM)		2				2	2	2		2				4		4	Each
36" End Sections (RC)	4				4		4			2				2		2	Each
36" End Sections (CM)								2						2		2	Each
42" End Sections (RC)								2						2		2	Each
5.0 Sq.ft. End Sections (RCHE)										4				4		4	Each
7.0 Sq.ft. End Sections (RCHE)								4		8				12		12	Each
16.5 Sq.ft. End Sections (RCHE)												2		2		2	Each
5.0 Sq.ft. End Sections (CMMAC)										4				4		4	Each
21.0 Sq.ft. End Sections (CMMAC)									2						2	2	Each
Resetting End Sections	1				1		1	1	4	4		2		7	4	11	Each

* See General Note, Sheet No. 17. Water for the bid item "Embankment" will be subsidiary.

** Recompaction, See General Note on Sh. No.

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

DEPARTMENT OF TRANSPORTATION – KANSAS

SUMMARY OF QUANTITIES

SHEET NO.	OF	SCALE	APP'D	
DESIGNED		DETAILED	QUANTITIES	TRACED
DESIGN CK.		DETAIL CK.	QUAN. CK.	TRACE CK.