FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87U-1318-01	1992	48	79

COMBINED CURB & GUTTER (AE)

LOCATION STA. TO STA.		ROADWAY	SIDE	(AE) Type I (Lin. Ft.)	(AE) ROLL TYPE (Lin. Ft.)	REMARKS
PROJECT 87U-1318-01						
4 + 43.48	18 + 09.16	GEO. WASH. BLVD.	LT	1,366		ROSS PARKWAY
19 + 48.22	23 + 30	GEO. WASH. BLVD.	LT	382		BRIDGE
26 + 88.8	35 + 62.9	GEO. WASH. BLVD.	LT	875		END PROJECT
4 + 43.48	6 + 89.5	GEO. WASH. BLVD.	RT	246		40' DRIVE
7 + 59.5	10 + 72.2	GEO. WASH. BLVD.	RT	313		40' DRIVE
11 + 42.2	23 + 30	GEO. WASH. BLVD.	RT	1,188		BRIDGE
26 + 55.2	35 + 62.9	GEO. WASH. BLVD.	RT	908		END PROJECT
47 + 77.25	49 + 09	ROSS PARKWAY	LT		132	40.5' LT
47 + 77.25	49 + 09	ROSS PARKWAY	LT		132	19.5' LT
47 + 77.25	49 + 09	ROSS PARKWAY	RT		132	40.5' RT
47 + 77.25	49 + 09	ROSS PARKWAY	RT		132	19.5' RT
TOTAL:				5,278	528	5806 TOTAL L.F. CURB & GUTTER

SIDEWALK CONSTRUCTION (AE)

STA. TO STA.		ROADWAY	SIDE	WIDTH	4" CONC. WALK (SQ. YDS.)	REMARKS
4 + 43.78	18 + 39	GEO. WASH. BLVD.	LT	5'	775	INCLUDES (1) WALK RAMP
19 + 18	24 + 58	GEO. WASH. BLVD.	LT	5'	300	INCLUDES (1) WALK RAMP
24 + 58	27 + 87	GEO. WASH. BLVD.	LT	VARIES	26	BRIDGE
27 + 06	27 + 36	GEO. WASH. BLVD.	LT	VARIES	27	BRIDGE
27 + 36	37 + 00	GEO. WASH. BLVD.	LT	5'	536	END PROJECT INCLUDES (1) WALK RAMP
4 + 43.78	7 + 04.5	GEO. WASH. BLVD.	RT	5'	145	INCLUDES (1) WALK RAMP
7 + 44.45	10 + 87.2	GEO. WASH. BLVD.	RT	5'	191	INCLUDES (1) WALK RAMP
11 + 27.2	24 + 14	GEO. WASH. BLVD.	RT	5'	715	INCLUDES (1) WALK RAMP
24 + 14	26 + 43	GEO. WASH. BLVD.	RT	VARIES	26	BRIDGE
26 + 62	26 + 92	GEO. WASH. BLVD.	RT	VARIES	27	BRIDGE
26 + 92	35 + 90	GEO. WASH. BLVD.	RT	5'	499	END PROJECT INCLUDES (1) WALK RAMP
49 + 26	49 + 50	ROSS PARKWAY	RT	4'	11	CONN. TO SW GWB
49 + 41	49 + 50	ROSS PARKWAY	LT	4'	4	CONN. TO SW GWB
TOTAL:					3,282	

DRIVEWAY CONSTRUCTION

STATION	ROADWAY	SIDE	WIDTH	P (FT.)	R (FT.)	6" CONC. PAVEMENT FULL RADIUS (SQ. YD.)	6" CONC. PAVEMENT RADIUS RAMP (SQ. YD.)
7 + 24.5	GEO. WASH. BLVD.	RT	40'	29'	15'	139.7	
11 + 07.2	GEO. WASH. BLVD.	RT	40'	29'	15'	139.7	
48 + 45	ROSS PARKWAY	LT	10'	20'	10.5'		29.2
48 + 92	ROSS PARKWAY	LT	10'	20'	10.5'		29.2
49 + 35	ROSS PARKWAY	LT	12'	20'	10.5'		33.7
47 + 76	ROSS PARKWAY	RT	13'	20'	10.5'		35.9
48 + 11	ROSS PARKWAY	RT	11'	20'	10.5'		31.4
49 + 20	ROSS PARKWAY	RT	12'	20'	10.5'		33.7
TOTALS						279.4	193.1

WATERLINE (NON-PARTICIPATING)

STATION	SIDE	WATER PIPE (LINEAR FEET) 16"	WATER VALVE ASSEMBLY (EACH) 16"	FIRE HYDRANT ASSEMBLY (EACH)	MANUAL AIR RELEASE ASSEMBLY (EACH)
ϕ 11+47.00 TO 12+51.86	RT.	363			
ϕ 23+41.89 TO 26+84.58	RT.	127			
10+80.00	RT.		1		
10+80.00	RT.			1	
24+23.02	RT.		1		
24+23.02	RT.				1
26+84.58	RT.		1		
26+84.58	RT.				1
TOTALS		490	3	1	2

ϕ *No additional payment will be made for elbows; they have been included in the measured length of pipe.*

DRAINAGE STRUCTURES

STATION	SIDE	SIZE	TYPE	CL.AAA CONC. (CU.YDS.)	REINF. STEEL (LBS.)	HEIGHT FILL (FT.)	CONCRETE AASHTO CLASS NO.	PIPE GAUGE STEEL
11 + 60	℄	12' x 12'	R.F.B.	212.50	26,450	4	AAA	
TOTALS				212.50	26,450			

6" CONCRETE PAVEMENT (UNIF.)(AE)

STATION TO STATION		ROADWAY	WIDTH	6" CONCRETE PAVEMENT (S.Y.)
47 + 77.25	49 + 26.48	ROSS PKWY RT	21'	348
47 + 77.25	49 + 26.48	ROSS PKWY LT	21'	348
49 + 26.48	49 + 78	ROSS PKWY	VARIES	440
TOTALS				1136

FENCE (REMOVAL & RESETTING CHAIN LINK)

STATION TO STATION		ROADWAY	SIDE	QUANTITY (L.F.)
5 + 50	7 + 90	GEO. WASH. BLVD.	50' LT	246
19 + 40	20 + 20	GEO. WASH. BLVD.	91' LT	80
TOTALS				326

BRIDGE HANDRAIL (METAL)

STATION	ROADWAY	SIDE	½" METAL PIPE (GALV.) (L.F.)
11+60	GEO. WASH. BLVD.	RT	15
11+60	GEO. WASH. BLVD.	LT	15
TOTALS			30

8" CRUSHED STONE SUBGRADE

STATION TO STATION		ROADWAY	WIDTH	8" CRUSHED STONE SUBGRADE (S.Y.)
PROJECT 87U-1318-01				
4 + 43.5	4 + 76.2	GEO. WASH. BLVD.	62'	225
4 + 76.2	5 + 56.2	GEO. WASH. BLVD.	VARIES	778
5 + 56.2	23 + 30	GEO. WASH. BLVD.	51'	10,052
27 + 21	33 + 00	GEO. WASH. BLVD.	51'	3,281
33 + 00	35 + 62.9	GEO. WASH. BLVD.	VARIES	1,842
47 + 77.3	49 + 26.5	ROSS PKWY LT	23'	382
47 + 77.3	49 + 26.5	ROSS PKWY RT	23'	382
49 + 26.5	49 + 74.5	ROSS PKWY	VARIES	445
TOTALS				17,386

18" ROCK EMBANKMENT

STATION TO STATION		ROADWAY	SIDE	18" ROCK EMBANKMENT (C.Y.)
11+40	12+60	GEO. WASH. BLVD.	RT	202
10+60	11+80	GEO. WASH. BLVD.	LT	210
TOTALS				412

EARTHWORK

STATION to STATION	EXCAVATION COMMON CU.YDS.	%	ROCK CU.YDS.	VMF	CONTR. FURN. CU.YDS.	COMPACTION TYPE AA MR-5 CU.YDS.	TYPE B MR-90 CU.YDS.	THROUGH CUTS NOT SUBGRADED COMM. CU.YDS.	TYPE AA CU.YDS.	* EMBANKMENT (CU.YDS.) INITIAL CONSOL.	SETTLE-MENT	▲PLACE. SELECT SOIL CU.YDS.
PROJECT 87U-1318-01												
GEO. WASH. BLVD.												
4+43.48 – 23+30	3,845	35	1,745	0			8,800					
27+21 – 35+62.9	2,140	35	900	0			1,755					
ROSS PARKWAY												
47+77.25 – 50+00	15	35	290	0			545					
TOTALS	6000		2,935				≠ 11,100					

≠ *8,985 C.Y. from Proj. 87U-1247-01*

* *Subisidiary (See General Note).* ▲ *See General Note.*

4" SURFACING MATERIAL SA-X

STATION to STATION	WIDTH	4" SURFACING MATERIAL (SA-X) (CU. YD.)
16+35 – 18+20	12'	27.4
19+45 – 23+30	12'	57.0
		(See Sheet 57 For Bid Item)
TOTALS		84

RECAPITULATION OF REMOVAL OF STRUCTURES

STA.	SIDE	ITEM	QUANTITY
11+07	RT.	24" C.M.P.	60 L.F.
11+60	℄	9'x9' R.C. BOX	69 L.F.
18+09	LT.	DITCH INLET	1 EACH
18+09	LT.	24" V.C.P.	25 L.F.
18+31.5	LT.	DITCH INLET	1 EACH
18+31.5	LT.	24" V.C.P.	95 L.F.
19+30.2	LT.	DITCH INLET	1 EACH
19+30.2	LT.	24" V.C.P.	25 L.F.
19+47.1	LT.	DITCH INLET	1 EACH
28+51	LT.	15" C.M.P.	10 L.F.

RECAPITULATION OF BRIDGE QUANTITIES

BRIDGE NUMBER	STATION	SEE SHEET NO.
43040087610010	25 + 75	24. Proj. 87U-1247-01

NOTES:

See Sheet 50 for Landscape Quantities
See Sheet 57 for Surfacing Quantities
See Sheet 50-51 for Temp. Seeding & Water Pollution Control Quantities
See Sheet 52 for Erosion Control Seeding – Sodding Quantities
See Sheet 58 for Pavement Marking Quantities
See Sheet 59 for Traffic Control Quantities

RECAPITULATION OF ROAD QUANTITIES

ITEM	QUANTITY	UNIT
PROJECT 87U-1318-01		
CLEARING & GRUBBING	LUMP SUM	L.S.
COMMON EXCAVATION	6,000	C.Y.
ROCK EXCAVATION	2,935	C.Y.
REMOVAL OF EXISTING STRUCTURES	LUMP SUM	L.S.
WATER (GRADING) (SET)	1	M. GAL.
COMPACTION OF EARTHWORK (TYPE B) (MR-90)	11,100	C.Y.
CRUSHED STONE SUBGRADE	17,386	S.Y.
CLASS AAA CONCRETE	212.5	C.Y.
REINFORCING STEEL(GRADE 60)	26,450	Lbs.
CONC. PAVEMENT (6" UNIFORM)(AE)	1,609	S.Y.
SIDEWALK CONSTRUCTION (4" UNIFORM)(AE)	3,282	S.Y.
CURB & GUTTER, COMBINED (AE)	5,806	L.F.
INLET (TYPE 1A)	6	EACH
INLET (GUTTER)	3	EACH
INLET (MODIFIED GUTTER)	2	EACH
15" STORM SEWER (RCP)	378	L.F.
18" STORM SEWER (RCP)	147	L.F.
24" STORM SEWER (RCP)	1,116	L.F.
48" STORM SEWER (RCP)	72	L.F.
6" STORM SEWER (PVCP)	78	L.F.
24" END SECTION (RC)	1	*EACH*
48" END SECTION (RC)	1	*EACH*
ROCK EMBANKMENT	412	C.Y.
TEMPORARY SURFACING MATERIAL	1	C.Y.
FENCE (REMOVAL AND RESETTING CHAIN LINK)	326	L.F.
BRIDGE HANDRAIL (METAL)	30	L.F.
FOUNDATION STABILIZATION	1	C.Y.
GRANULAR BACKFILL (WINGWALLS)	1	C.Y.
MOBILIZATION	LUMP SUM	L.S.
FIELD OFFICE & LAB (TYPE A)	1	EACH
CONTRACTOR CONSTRUCTION STAKING	LUMP SUM	L.S.
RESTORATION AND MAINTENANCE OF HAUL ROAD	LUMP SUM	L.S.
GEOGRID REINFORCEMENT (For Base)	*17,386.*	*S.Y.*
NON-PARTICIPATING ITEMS:		
16"WATERLINE	490	L.F.
16" VALVE ASSEMBLY (WATERLINE)	3	Ea.
FIRE HYDRANT ASSEMBLY	1	Ea.
MANUAL AIR RELEASE ASSEMBLY (WATERLINE)	2	Ea.
TRANSPORTING SALVAGEABLE MATERIAL	*LUMP SUM*	*L.S.*

NO.	DATE	REVISIONS	BY	APP'D
1	1-9-91	Detailed on CADD	R.J.S.	J.O.B.

KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

~~STD. NO. 50.2~~

FHWA APPROVAL 1-17-91		APP'D James O. Brewer	
DESIGNED	DETAILED	QUANTITIES	TRACED B.N.B.
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK. R.J.S.

\K9419\SUMQURO
SCALE 1"=1"