

COMBINED CURB & GUTTER (AE)					
LOCATION			(AE) Type I (Lin. Ft.)	(AE) ROLL TYPE (Lin. Ft.)	REMARKS
STA. TO STA.	ROADWAY	SIDE			
PROJECT 87U-1318-01					
4 + 43.48	18 + 09.16	GEO. WASH. BLVD.	LT	1,366	ROSS PARKWAY BRIDGE
19 + 48.22	23 + 30	GEO. WASH. BLVD.	LT	382	END PROJECT
26 + 88.8	35 + 62.9	GEO. WASH. BLVD.	LT	875	
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	775	INCLUDES (1) WALK RAMP
19 + 18	24 + 58	GEO. WASH. BLVD.	LT	300	INCLUDES (1) WALK RAMP
24 + 58	27 + 87	GEO. WASH. BLVD.	LT	26	BRIDGE
27 + 06	27 + 36	GEO. WASH. BLVD.	LT	27	BRIDGE
27 + 36	37 + 00	GEO. WASH. BLVD.	LT	536	END PROJECT INCLUDES (1) WALK RAMP
4 + 43.78	7 + 04.5	GEO. WASH. BLVD.	RT	145	INCLUDES (1) WALK RAMP
7 + 44.45	10 + 87.2	GEO. WASH. BLVD.	RT	191	INCLUDES (1) WALK RAMP
11 + 27.2	24 + 14	GEO. WASH. BLVD.	RT	715	INCLUDES (1) WALK RAMP
24 + 14	26 + 43	GEO. WASH. BLVD.	RT	26	BRIDGE
26 + 62	26 + 92	GEO. WASH. BLVD.	RT	27	BRIDGE
26 + 92	35 + 90	GEO. WASH. BLVD.	RT	499	END PROJECT INCLUDES (1) WALK RAMP
49 + 26	49 + 50	ROSS PARKWAY	RT	11	CONN. TO SW GWB
49 + 41	49 + 50	ROSS PARKWAY	LT	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)	WATER VALVE ASSEMBLY (EACH)	FIRE HYDRANT ASSEMBLY (EACH)	MANUAL AIR RELEASE ASSEMBLY (EACH)
11+47.00 TO 12+51.86	RT.	363			
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

♦ 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			
11 + 60	☉	12' x 12'	R.F.B.	212.50	26,450	4	AAA	STEEL			
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 + 28.48	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	1/2" 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			COMPACTION		THROUGH CUTS NOT SUBGRADED		* EMBANKMENT (CU.YDS.)		▲ PLACE SELECT SOIL (CU.YDS.)
	COMMON CU.YDS.	ROCK CU.YDS.	CONTR. FURN. CU.YDS.	TYPE AA MR-5 CU.YDS.	TYPE B MR-90 CU.YDS.	COMM. CU.YDS.	TYPE AA CU.YDS.	INITIAL CONSOL.	SETTLE-MENT	
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		

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
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:		
ITEM	QUANTITY	UNIT
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.

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