

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KS.	87-U-1362-01	1993	67	149

Revised Plan 7-22-93

ADJUSTMENT OF METER BOXES & VALVE BOXES		
LOCATION STATION	OFFSET	DESCRIPTION
6+30	48' LT.	W.V.
8+83	41' LT.	W.V.
48+79	37' RT.	W.M.
49+43	27' RT.	W.V.
49+62	45' RT.	R.W.D.W.V.
50+45	34' LT.	W.M.
56+17	22' LT.	W.V.
69+13	17' LT.	W.V.
70+99	20' LT.	W.M.
79+92	22' LT.	W.V.
80+00	20' LT.	W.V.
84+05	20' LT.	W.M.
86+73	22' LT.	W.V.
90+10	26' LT.	W.M.

STATION TO STATION	QUANTITY (C.Y.)	REMARKS
WEBB RD.		
45+50-50+35	630	
44+98.85	12	
51+23.50	40	
56+50	15	
61+50	30	
66+00	25	
77+00	15	
77+45-78+40	25	
81+25	15	
86+65-87+55	70	
88+75	45	
89+25-89+87	50	
SUB-TOTAL	972	
21ST STREET		
2+00-9+88.50	420	
6+37.7	18	
16+11.36	15	
SUB-TOTAL	453	
PROJECT TOTAL	1425	

STATION TO STATION	LENGTH (L.F.)	OFFSET	REMARKS
WEBB RD.			
43+75 - 48+84	1,020	LT. & RT.	
48+84 - 51+15	520	LT. & RT.	
51+15 - 70+00	3,560	LT. & RT.	
70+00 - 79+00	1,660	LT. & RT.	
79+00 - 87+00	1,380	LT. & RT.	
87+00 - 94+08	1185	LT. & RT.	
SUB-TOTAL	9,325	LT. & RT.	
21ST ST. NORTH			
2+20 - 8+85	1,330	LT. & RT.	
11+15 - 18+15	1,400	LT. & RT.	
SUB-TOTAL	2,730		
PROJECT TOTAL	12,055		

CURB AND GUTTER, MEDIAN - TYPE III			
STATION TO STATION	LENGTH (L.F.)	LENGTH (L.F.)	REMARKS
69+50	45	LT.	PLUMTHICKET
69+50	40	RT.	CLUBHOUSE
PROJECT TOTAL	85		

CURB, EDGE (6")			
STATION TO STATION	LENGTH (L.F.)	OFFSET	REMARKS
69+50	100	LT.	PLUMTHICKET
69+50	110	RT.	CLUBHOUSE
78+01.46	95	RT.	PROPOSED ROAD
79+50	95	LT.	WOODSPRING
87+08.50	115	LT.	SHANNON WOODS
87+08.50	80	RT.	PROPOSED ROAD
89+61.46	95	RT.	PROPOSED ROAD
PROJECT TOTAL	690		

BID ITEM	QUANTITY	UNIT
CLEARING AND GRUBBING	LUMP SUM	L.S.
REMOVAL OF EXISTING STRUCTURES	LUMP SUM	L.S.
COMMON EXCAVATION *	51,820	C.Y.
COMPACTION OF EARTHWORK TYPE B (MR-90)	5,250	C.Y.
ROCK EMBANKMENT	135	C.Y.
ROCK EXCAVATION	1,200	C.Y.
AGGREGATE FOR BITUMINOUS BASE (BM-2)	11,429	TONS
AGGREGATE FOR BITUMINOUS SURFACE (BM-2)	4,571	TONS
ASPHALT CEMENT (AC-10)	835	TONS
EMULSIFIED ASPHALT (SS-1H) FOR TACK	10	TONS
CRUSHED STONE SUBGRADE (8")	46,730	S.Y.
CRUSHED STONE SUBGRADE (5")	3,800	S.Y.
GEOGRID REINFORCEMENT (FOR BASE)	50,530	S.Y.
SIDEWALK CONSTRUCTION (4") (AE)	7,475	S.Y.
PAVING BRICK (2-3/8") **	730	S.Y.
CONCRETE PAVEMENT (10" UNIFORM) (AE)	3,600	S.Y.
CONCRETE PAVEMENT (8" UNIFORM) (AE)	850	S.Y.
CONCRETE PAVEMENT (6" UNIFORM)(AE)	1,750	S.Y.
CONCRETE PAVEMENT (6" UNIFORM)(AE)(PLAIN)	50	S.Y.
CONCRETE CORES (SET)	1	EACH
CURB AND GUTTER, COMBINED (AE)	12,140	L.F.
TEMPORARY SURFACING MATERIAL (SET)	1	C.Y.
CURB, EDGE (6")(AE)	690	L.F.
ADJUSTMENT OF METER BOX (WATER)	5	EACH
ADJUSTMENT OF VALVE BOX (WATER)	9	EACH
FENCE (REMOVAL AND RESETTNG, WIRE)	50	L.F.
15" STORM SEWER (R.C.P.)	890	L.F.
18" STORM SEWER (R.C.P.)	425	L.F.
21" STORM SEWER (R.C.P.)	556	L.F.
24" STORM SEWER (R.C.P.)	767	L.F.
30" STORM SEWER (R.C.P.)	42	L.F.
36" STORM SEWER (R.C.P.)	2,017	L.F.
42" STORM SEWER (R.C.P.)	439	L.F.
48" STORM SEWER (R.C.P.)	29	L.F.
54" STORM SEWER (R.C.P.)	290	L.F.
1.5 SQ. FT. STORM SEWER (RCPHE)	193	L.F.
5.0 SQ. FT. STORM SEWER (RCPHE)	115	L.F.
10.0 SQ. FT. STORM SEWER (RCPHE)	12	L.F.
16.5 SQ. FT. STORM SEWER (RCPHE)	530	L.F.
END SECTION (15" R.C.)	5	EACH
END SECTION (36" R.C.)	1	EACH
END SECTION (24" R.C.)	1	EACH
REINFORCED CONCRETE BOX (4' X 3') (PRECAST)	269	L.F.
REINFORCED CONCRETE BOX (7' X 3') (PRECAST)	330	L.F.
REINFORCED CONCRETE BOX (9' X 3') (PRECAST)	440	L.F.
REINFORCED CONCRETE BOX (6' X 4') (PRECAST)	360	L.F.
REINFORCED CONCRETE BOX (SPECIAL)	67	L.F.
INLET (CURB) (TYPE 1A)	22	EACH
INLET (DROP)	5	EACH
MANHOLE (TYPE B)(STORM)	7	EACH
MANHOLE (CONCRETE)(REINFORCED)	4	EACH
CONTROLLED LOW-STRENGHT FLOWABLE FILL	1,425	C.Y.
CLASS AAA CONCRETE	181.4	C.Y.
REINFORCING STEEL (GR)(60)	21,800	LBS.
FOUNDATION STABILIZATION (SET)	1	C.Y.
GRANULAR BACKFILL (WINGWALLS) (SET)	1	C.Y.

* INCLUDES 4,200 C.Y. NON-PARTICIPATORY FOR DRAINAGE DITCH, STA 41+50, RT., WEBB RD.

**PAVING BRICK - TYPE 1 AND 2 SHALL BE BID AS ONE ITEM

BID ITEM	QUANTITY	UNIT
GABIONS	42	C.Y.
DRAIN, SLOPE (AE) (SPECIAL)	40	L.F.
WATER (GRADING) (SET)	1	M GAL
FIELD OFFICE AND LAB (TYPE A)	2	EACH
RESTORATION AND MAINT.OF HAUL ROADS(SET)	LUMP SUM	L.S.
MOBILIZATION	LUMP SUM	L.S.
MOBILIZATION (DBE)	LUMP SUM	L.S.
TRAINEES (HIGHWAY CONSTRUCTION)(1) (SET)	1	HOURL
CONTRACTOR CONSTRUCTION STAKING	LUMP SUM	L.S.
TYPE III BARRICADES (FIXED)	3	EACH
FLAGGER (SET)	1	HOURL
MATERIAL FOR BITUMINOUS PATCHING(SET)	1	TON
ASPHALT PAVEMENT SAMPLING (SET)	1	EACH
PLANT MIX BITUMINOUS MIXTURE (COMMERCIAL GRADE)	1,030	TON

Construction Staking By LPA.

TYPE III BARRICADES (FIXED)		
LOCATION	QUANTITY (EACH)	OFFSET
78+00	1	RT.
87+00	1	RT.
89+50	1	RT.
PROJECT TOTAL	3	

PLANT MIX BITUMINOUS MIXTURE (COMMERCIAL GRADE)		
LOCATION	BITUMINOUS MIXTURE (TONS)	DESCRIPTION
WEBB RD.		
41+50	140	TRAFFIC CONTROL PHASE I
50+00	60	TRAFFIC CONTROL PHASE IIA
69+50	20	TRAFFIC CONTROL PHASE II
79+50	20	TRAFFIC CONTROL PHASE II
87+00	20	TRAFFIC CONTROL PHASE II
SUB-TOTAL	260	
21ST ST.		
20+50	140	TRAFFIC CONTROL PHASE I
2+00-22+00	600	TRAFFIC CONTROL PHASE II
18+00-22+00	30	TRAFFIC CONTROL PHASE III
SUB-TOTAL	770	
PROJECT TOTAL	1,030	

GABIONS		
STATION TO STATION	C.Y.	REMARKS
7+14-7+50	42	SPECIAL DRAINAGE DITCH
PROJECT TOTAL	42	

DRAIN, SLOPE (AE)(SPECIAL)			
STATION TO STATION	LENGTH (L.F.)	OFFSET	REMARKS
18+14.40	20	RT.	21ST STREET
18+14.40	20	LT.	21ST STREET
PROJECT TOTAL	40		

FOR TEMPORAY SEEDING SUMMARY OF QUANTITIES SEE SH. NO. 68
FOR SEEDING SUMMARY OF QUANTITIES SEE SH. NO. 70
FOR PLANTING MATERIAL SUMMARY OF QUANTITIES SEE SH. NO. 71
FOR TRAFFIC SIGNAL SUMMARY OF QUANTITIES SEE SH. NO. 90
FOR PAVEMENT MARKING AND SIGNING SUMMARY OF QUANTITIES SEE SH. NO. 104
FOR TRAFFIC CONTROL SUMMARY OF QUANTITIES SEE. SH. NO. 111
FOR STORM SEWER RECAPITULATION OF QUANTITIES SEE SHEETS 62, 63, & 64
FOR PRECAST R.C.B. RECAPITULATION OF QUANTITIES SEE SHEETS 62 & 63
FOR SPECIAL R.C.B. RECAPITULATION OF QUANTITIES SEE SHEET 61

KANSAS DEPARTMENT OF TRANSPORTATION			
SUMMARY OF QUANTITIES			
PROJECT NO. 87-U-1362-01		SEDGWICK CO.	
MID-KANSAS ENGINEERING CONSULTANTS, INC.			
WICHITA, KANSAS			
DESIGNED BY: GJA		CHECKED BY: KJS	
DRAWN BY: GJA		DATE: SHEET 67 of 149	