

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.

CONTROLLED LOW-STRENGTH FLOWABLE FILL

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	

CURB AND GUTTER, COMBINED - TYPE I

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	1,185	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		

RECAPITULATION OF ROAD QUANTITIES

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 RESETTING, 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-STRENGTH 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

REMOVAL OF EXISTING STRUCTURES (FOR INFORMATION ONLY)

LOCATION	SIDE	DESCRIPTION	REMARKS
WEBB RD.			
40+50-94+08	LT./RT.	REMOVAL OF EXISTING PAVEMENT	
41+65	CL	REINFORCED CONCRETE BOX	
55+10	LT.	ENTRANCE PIPE	
57+92	LT.	ENTRANCE PIPE	
69+50	LT.	ENTRANCE PIPE	
77+10	RT.	ENTRANCE PIPE	
79+55	LT.	ENTRANCE PIPE	
80+62	CL	CROSS ROAD PIPE	
90+24	LT.	ENTRANCE PIPE	
92+44	CL	CROSS ROAD PIPE	
21ST ST.			
2+22.50-21+50	LT./RT.	REMOVAL OF EXISTING PAVEMENT	
2+00-6+96	RT.	38"x60" RCPHE	
7+15	CL	REINFORCED CONCRETE BOX	
2+00-6+96	CL	REINFORCED CONCRETE BOX	

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		

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	HOUR
CONTRACTOR CONSTRUCTION STAKING	LUMP SUM	L.S.
TYPE III BARRICADES (FIXED)	3	EACH
FLAGGER (SET)	1	HOUR
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.

FENCE (REMOVAL AND RESETTING, WIRE)

LOCATION	QUANTITY (L.F.)	OFFSET	DESCRIPTION
1+00	50	LT. & RT.	SPECIAL STORM SEWER WEBB RD. OUTLET
PROJECT TOTAL	50		

KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

PROJECT NO. 87-U-1362-01 SEDGWICK CO.

MID-KANSAS ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS