FHWA Region No.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87-N-0033-01	1995	18	34

FOR INFORMATION ONLY

REMOVAL OF EXISTING STRUCTURES

STA. 33+23.6, RT.	24" RCP END SECTION
STA. 35+60, LT	15" RCP, 33 L.F.
STA. 36+24, RT.	15" CMP, 23 L.F.
STA. 36+90.5, RT.	18" RCP, 30 L.F.
STA. 37+73.3, RT.	15" CMP, 25 L.F.
STA. 40+42.12, LT.	20" CMP, 124 L.F.
STA. 42+00 TO STA. 49+10, LT.	WIRE FENCE
STA. 40+40 TO STA. 48+00, RT.	WIRE FENCE
STA. 46+25, RT.	ASPHALT FLUME

CURB AND GUTTER, COMBINED (AE)

FROM STA.	TO STA.	COMBINED C&G (AE) TYPE I	COMBINED C&G (AE) TYPE II
LEFT SIDE		L.F.	L.F.
32+99.75	35+42.37	242.62	
35+42.37	35+95.37		53.0
35+95.37	39+82.12	386.75	
41+02.12	46+25.20	523.08	
RIGHT SIDE			
32+99.72	36+78.50	378.78	
36+78.50	37+02.50		24.0
37+02.50	37+61.30	58.8	
37+61.30	37+85.30		24.0
37+85.30	46+25.20	839.90	
TOTAL		2,429.93	101.0
			2,531

EDGE CURB (6") (AE)

LOCATION	EDGE CURB 6" (AE)
	L.F.
STA. 40+41.12 BROOKVIEW	42.3 (N) 42.3 (S)
TOTAL	85.0

EARTHWORK SUMMARY

STA. TO STA.	EXCAVATION COMMON C.Y.	EXCAVATION VMF	EXCAVATION ROCK	EXCAVATION VMF	COMMON EXCAVATION (CONTRACTOR FURNISHED) C.Y.	COMPACTION TYPE A MR-90 C.Y.	COMPACTION TYPE B MR-90 C.Y.	
32+99.75 TO 446+25.20	5,840 ø	0.75	1,127 Ⓐ	1.0			3,300	
TOTAL	5,840		1,127				3,300	

Ⓐ EXISTING ASPHALT THICKNESS:

STA. 33+99.75 TO STA. 35+45 = 9.5 INCHES
STA. 35+45 TO STA. 44+75 = 6.0 INCHES
STA. 44+75 TO STA. 46+25.2 = 7.5 INCHES
Rock Exc. to be wasted.

ø 1440 Cu. Yds Common Exc. to waste

CONC. PAVEMENT (8"-UNIF.) (AE) (NRDJ)

NAME	STATION	SIDE	CONC. PVMT (8"-UNIF.) (AE)
			S.Y.
BROOKVIEW	42+41.12	LT.	234.8
TOTAL			235

CONC. PAVEMENT (8"-UNIF.) (AE) (PL)

STATION	SIDE	TYPE	WIDTH (W) L.F.	LENGTH (P) L.F.	CONC. PVMT (8"-UNIF) (AE)
					S.Y.
35+68.87	LT.	FR	24	25.5	78
TOTAL					78

CONC. PAVEMENT (6"-UNIF.) (AE) (PL)

STATION	SIDE	TYPE	WIDTH (W) L.F.	LENGTH (P) L.F.	CONC. PVMT (6"-UNIF) (AE)
					S.Y.
36+90.5	RT.	RR	12	25.5	37.6
37+73.3	RT.	RR	12	25.5	37.6
TOTAL					75.2

CRUSHED STONE SUBGRADE & GEOGRID REINFORCEMENT (FOR BASE)

LOCATION	CRUSHED STONE SUBGRADE (7½") S.Y.	GEOGRID REINFORCEMENT (FOR BASE) S.Y.
STA. 32+99.75 TO STA. 46+25.20 (WOODLAWN AVENUE)	7,808	7,808
TOTAL	7,808	7,808

ADJUSTMENT OF MANHOLES

STATION	SIDE	MANHOLE ADJUSTMENT TYPE B	MANHOLE ADJUSTMENT TYPE C
35+73	LT.	1	
36+77	RT.	1	
40+11	LT.	1	
44+53	LT.	1	
TOTAL		4	

SIDEWALK CONST. (4") (AE)

STATION	STATION	LENGTH L.F.	SIDEWALK CONST. (4") (AE) S.Y.
LEFT SIDE			
32+10.00	35+56.87	346.87	192.7
35+80.87	40+11.87	431.0	239.4
40+72.37	41+33.70	61.33	34.1
41+33.70	41+99.00	67.50	37.5
41+99.00	46+50.19	451.19	250.6
46+50.19	47+50.00	101.15	56.2
47+50.00	49+03.90	153.9	85.5
43+09.90	EX. RAMP	49.24	27.4
LEFT SIDE			
32+86.39	38+89.7	603.31	335.2
38+89.7	39+23.3	38.62	21.5
39+23.3	46+50.3	727.0	403.9
46+50.3	47+50.58	101.19	56.2
47+50.58	49+30.50	179.92	100.0
TOTAL			1,840.2

RECAPITULATION OF ROAD QUANTITIES

ITEM	UNIT	TOTAL QUANTITY
CLEARING AND GRUBBING	L.S.	L.S.
REMOVAL OF EXISTING STRUCTURES	L.S.	L.S.
COMMON EXCAVATION	C.Y.	5,840
ROCK EXCAVATION	C.Y.	1,127
COMPACTION OF EARTHWORK (TYPE B) (MR-90)	C.Y.	3,300
CRUSHED STONE SUBGRADE (7.5")	S.Y.	7,808
GEOGRID REINFORCEMENT (FOR BASE)	S.Y.	7,808
WATER (GRADING) (SET)	M. GAL	1
18" STORM SEWER (RCP)	L.F.	109
24" STORM SEWER (RCP)	L.F.	1,176
CURB INLET (TYPE 1-A)	EA	6
ADJUSTMENT OF MANHOLES	EA	4
ADJUSTMENT OF CATCH BASIN	EA	1
COMBINED CURB & GUTTER (AE)	L.F.	2,531
EDGE CURB (6") (AE)	L.F.	85
SIDEWALK CONST. (4") (AE)	S.Y.	1,840
CONC. PAVEMENT (6") (AE) (PL)	S.Y.	75
CONC. PAVEMENT (8") (AE) (PL)	S.Y.	78
CONC. PAVMENT (8") (AE) (NRDJ)	S.Y.	235
CAST IRON	LB.	420
Foundation Stabilization (Set)	C.Y.	1
MOBILIZATION	L.S.	L.S.
TEMPORARY SURFACING MATERIAL (Set)	C.Y.	1
FIELD OFFICE & LAB, TYPE A	Ea.	1
MOBILIZATION (DBE)	L.S.	L.S.
Construction Staking by L.P.A.		

FOR CONSTRUCTION TRAFFIC CONTROL QUANTITIES, SEE SHEET 27

FOR BITUMINOUS SURFACING QUANTITIES, SEE SHEET 19

FOR SEEDING QUANTITIES, SEE SHEET 21A

FOR PAVEMENT MARKING QUANTITIES, SEE SHEET 24

FOR DRAINAGE STRUCTURES SUMMARY, SEE SHEET 16

FOR LANDSCAPE QUANTITIES, SEE SHEET 30

FOR WATER POLLUTION CONTROL (SOIL EROSION), SEE SHEET 20

WOODLAWN AVENUE

SUMMARY OF QUANTITIES

SCALE:	APPROVED:	DRAWN BY:
DATE:		CHECKED:
PROJECT NO:		SHEET NO.:

MUNICIPAL ENGINEERS
264-LAURA, SUITE 201
WICHITA, KANSAS 67211
316-262-3842

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