

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0092-01	1999	25	75

CURB AND GUTTER, COMBINED (AE)					
FROM STATION	TO STATION	SIDE	COMBINED C & G (AE) TYPE I	COMBINED C & G (AE) TYPE II	COMBINED C & G (AE) TYPE III
I+307.930	I+352.486	Lt.	44.6		
I+352.486	I+365.386	Lt.		12.9	
I+365.386	I+382.161	Lt.	16.8		
I+382.161	5+876.360	Lt.	14.1		
I+301.543	I+304.422	Rt.	2.9		
I+304.422	I+318.265	Rt.		13.9	
I+318.265	I+381.775	Rt.	63.5		
I+381.775	5+831.330	Rt.	14.1		
5+875.410	I+422.128	Lt.	14.1		
I+422.128	I+446.206	Lt.	24.1		
I+446.206	I+461.406	Lt.		15.2	
I+461.406	I+482.480	Lt.	21.1		
I+482.480	I+497.780	Lt.		15.3	
I+497.780	I+504.161	Lt.	6.4		
I+504.161	I+517.577	Lt.		13.4	
I+517.577	I+549.300	Lt.	31.7		
5+831.394	I+425.605	Rt.	14.1		
I+425.605	I+448.044	Rt.	22.4		
I+448.044	I+463.644	Rt.		15.6	
I+463.644	I+468.211	Rt.	4.6		
I+468.211	I+483.026	Rt.		14.8	
I+483.026	I+485.604	Rt.	2.6		
I+485.604	I+503.783	Rt.		18.2	
I+503.783	I+528.657	Rt.	24.9		
5+726.757	5+756.603	Lt.	29.8		
5+756.603	5+775.246	Lt.		18.6	
5+775.246	5+831.330	Lt.	56.1		
5+726.757	5+761.672	Rt.	34.9		
5+761.672	5+780.614	Rt.		18.9	
5+780.614	5+794.490	Rt.	13.9		
5+794.490	5+805.130	Rt.		10.6	
5+805.130	5+831.394	Rt.	25.4		
5+876.360	5+885.344	Lt.	9.0		
5+885.344	5+895.844	Lt.		10.5	
5+895.844	5+905.758	Lt.	9.9		
5+905.758	5+920.458	Lt.		14.7	
5+920.458	5+926.440	Lt.	6.0		
5+926.440	5+937.740	Lt.		11.3	
5+937.740	5+955.050	Lt.	17.3		
5+955.050	5+970.274	Lt.		15.2	
5+970.274	5+993.272	Lt.	23.0		
5+875.410	5+891.124	Rt.	15.7		
5+891.124	5+911.924	Rt.		20.8	
5+911.924	5+915.084	Rt.	3.2		
5+915.084	5+935.684	Rt.		20.6	
5+935.684	5+953.533	Rt.	17.8		
5+953.533	5+975.571	Rt.		22.0	
5+975.571	5+993.272	Rt.	17.7		
I+316.454	I+381.766				132.8
I+425.605	I+479.506				109.0
TOTALS			601.7	282.5	241.8

CONCRETE PAVEMENT (200 mm-Unif.) (AE) (NRDJ)	
LOCATION	m ²
<i>Intersection of Pawnee & Oliver</i>	<i>1668.18</i>
TOTAL	1668.18

REMOVAL OF EXISTING STRUCTURES			
LOCATION	SIDE	ITEM	LENGTH
1+392	Lt.	Curb Inlet	
1+394	Lt.	Junction Box	
1+395	Lt.	600 mm RCP	3.5 L.M.
1+397	Lt.	Curb Inlet	
1+420	Lt.	Curb Inlet	
1+528	Lt.	Curb Inlet	
1+535	Lt.	Curb Inlet	
5+973	Lt.	Curb Inlet	
1+393	Lt.	375 mm RCP	5 L.M.
1+400	Lt.	750 mm RCP	15 L.M.
1+528	Lt.	450 mm RCP	2 L.M.
5+973	Lt.	450 mm RCP	1 L.M.

SIDEWALK CONST. (SPECIAL) (100 mm) (AE)			
STATION	STATION	SIDE	SIDEWALK CONST. (SPECIAL) (AE) m ²
1+325.000	1+352.486	Lt.	48.29
1+381.462	5+885.344	Lt.	53.01
5+895.844	5+905.758	Lt.	18.12
5+920.458	5+926.440	Lt.	10.78
5+937.740	5+959.740	Lt.	33.22
TOTAL			163.42

PAVING BRICK	
LOCATION	S.M.
<i>Intersection of Pawnee & Oliver</i>	<i>256.76</i>
TOTAL	256.76

EARTHWORK														
STATION to STATION	EXCAVATION						COMPACTION		THROUGH CUTS NOT SUBGRADED			* EMBANKMENT m ³		PLACING SELECT SOIL ▲ m ³
	COMMON		ROCK		COMMON (CONTR. FURN.) m ³	WASTE m ³	TYPE B MR-90 m ³		COMMON EXC. m ³	(TYPE B) (MR-90) m ³		INITIAL CONSOL.	SETTLEMENT	
	m ³	VMF	m ³	VMF										
<i>Pawnee Avenue</i>														
<i>1+289.075 to 1+381.775</i>	310	.8	127			222	145							
<i>1+425.605 to 1+549.300</i>	226	.8	169			76	120							
<i>Oliver Street</i>														
<i>5+726.757 to 5+831.394</i>	354	.8	354			279	60							
<i>5+876.360 to 5+993.272</i>	533	.8	446			521	10							
<i>Intersection</i>	76	.8	255		140		173							
TOTALS	1499		** 1351		* 140	* 1098	508							

ϕ Assumed VMF for Contractor furnished excavation is 8. * For Information Only. Net waste will be 958 m³ ▲ See General note.
 ** To Be Wasted

ADJUSTMENT SUMMARY				
STATION	SIDE	M.H.	AREA INLET	VALVE BOX (Water)
I+304	Lt.			/
I+398	Lt.	/		2
I+407	Lt.			/
I+409	Lt.			/
I+498	Lt.	/		
I+546	Lt.			/
5+765	Rt.			/
5+804	Rt.			/
5+901	Rt.			/
TOTAL		2	0	9

CONCRETE PAVEMENT (200 mm-Unif.) (AE)				
STATION	SIDE	TYPE	WIDTH (W) m	CONC. PVMT. (200 mm-Unif.) (AE) (ReInf.) m ²
1+297.679	Lt.	V. Gutter		76.30
1+310.996	Rt.	F.R.	8.0	66.79
1+358.956	Lt.	F.R.	7.9	47.93
1+453.805	Lt.	F.R.	9.2	47.37
1+455.844	Rt.	F.R.	10.0	51.17
1+475.611	Rt.	F.R.	9.3	50.24
1+490.130	Lt.	F.R.	9.3	49.36
1+494.888	Rt.	R.R.	7.3	42.64
1+510.861	Lt.	F.R.	7.4	43.00
5+765.471	Lt.	F.R.	7.7	69.47
5+771.511	Rt.	F.R.	10.0	54.99
5+800.483	Rt.	F.R.	6.9	22.21
5+890.594	Lt.	F.R.	5.0	40.59
5+901.524	Rt.	F.R.	9.1	71.37
5+913.108	Lt.	F.R.	9.2	59.70
5+925.384	Rt.	F.R.	8.9	70.15
5+932.090	Lt.	F.R.	5.9	49.75
5+963.165	Lt.	F.R.	7.2	54.06
5+964.778	Rt.	V. Gutter		102.96
TOTAL				1070.05

CRUSHED STONE SUBGRADE (150 mm)			
STATION	STATION	SIDE	Crushed Stone Subgrade (150 mm) m ²
<i>Pawnee Avenue</i>			
<i>1+289.075</i>	<i>1+381.775</i>	<i>Lt.</i>	<i>1147.33</i>
<i>1+301.543</i>	<i>1+381.775</i>	<i>Rt.</i>	<i>1025.77</i>
<i>1+425.605</i>	<i>1+549.300</i>	<i>Lt.</i>	<i>1455.95</i>
<i>1+425.605</i>	<i>1+528.657</i>	<i>Rt.</i>	<i>1294.85</i>
<i>Oliver Street</i>			
<i>5+726.757</i>	<i>5+830.433</i>	<i>Lt.</i>	<i>1304.87</i>
<i>5+726.757</i>	<i>5+830.433</i>	<i>Rt.</i>	<i>1128.40</i>
<i>5+876.360</i>	<i>5+993.272</i>	<i>Lt.</i>	<i>1367.13</i>
<i>5+876.360</i>	<i>5+993.272</i>	<i>Rt.</i>	<i>1034.58</i>
<i>Intersection</i>			<i>1834.85</i>
TOTAL			11593.73

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NO.	DATE	REVISIONS		BY	APP'D.	
KANSAS DEPARTMENT OF TRANSPORTATION						
SUMMARY OF QUANTITIES						
RD500 SI						
FHWA APPROVAL		5-31-94		APP'D. James O. Brewer		
DESIGNED		DETAILED		QUANTITIES		TRACED Bowser
DESIGN CK.		DETAIL CK.		QUAN.CK.		TRACE CK. Seitz