

SURFACE COATING FINISH (Barrier)

STATION TO STATION	SIDE	BARRIER TYPE	LENGTH (m)	HEIGHT (m)	QUANTITY (sq. m)
US-54					
14+900.000	Rt.	II	35.0	0.815	28.5
15+136.617	Rt.	II (Spec.)	30.5	0.815	24.9
15+167.165	Rt.	II (Spec.)	33.0	0.815	26.9
15+200.000	Rt.	III	30.1	1.655	49.9
15+230.000	Rt.	II (Spec.)	330.5	0.815	269.4
15+665.857	Rt.	II (Spec.)	293.4	0.815	239.1
16+064.276	Rt.	II	10.7	0.815	8.7
16+300.000	Rt.	II	228.5	0.815	186.2
16+527.188	Rt.	II	32.7	0.815	26.7
16+798.639	Rt.	II	32.3	0.815	26.4
16+830.981	Rt.	II	40.5	0.815	33.0
16+871.439	Rt.	III	27.8	1.655	46.1
16+899.282	Rt.	II (Spec.)	367.6	0.815	299.6
17+398.332	Rt.	II (Spec.)	61.9	0.815	50.5
17+460.260	Rt.	II (Spec.)	240.1	0.815	195.7
17+703.265	Rt.	III	36.4	1.655	60.2
17+927.457	Rt.	IV	101.1	1.300	131.4
18+030.000	Rt.	IV	9.9	1.300	12.8
18+040.000	Rt.	II	185.0	0.815	150.8
14+900.000	Lt.	II	118.8	0.815	96.8
15+018.830	Lt.	II	60.7	0.815	49.5
15+252.797	Lt.	IV	28.1	1.300	36.5
15+280.997	Lt.	III	23.4	1.655	38.7
15+304.497	Lt.	IV	252.7	1.300	328.5
15+666.395	Lt.	IV	277.3	1.300	360.4
15+945.000	Lt.	II	12.2	0.815	10.0
16+068.803	Lt.	II	106.5	0.815	86.8
16+175.818	Lt.	II	38.0	0.815	31.0
16+450.000	Lt.	II	76.8	0.815	62.6
16+527.188	Lt.	II	220.7	0.815	179.9
16+936.082	Lt.	III	23.3	1.655	38.5
16+959.332	Lt.	IV	307.6	1.300	399.8
17+398.332	Lt.	IV	61.9	1.300	80.5
17+460.260	Lt.	IV	90.8	1.300	118.0
17+550.000	Lt.	II (Spec.)	155.7	0.815	126.9
17+703.861	Lt.	II (Spec.)	22.4	0.815	18.3
17+726.265	Lt.	III	22.5	1.655	37.2
17+748.755	Lt.	II	8.7	0.815	7.1
17+962.457	Lt.	II	79.5	0.815	64.8
18+040.845	Lt.	II	194.2	0.815	158.2
Maize Ramp W-NS					
14+935.000	Rt.	II	16.7	0.815	13.6
14+951.702	Rt.	II	64.8	0.815	52.8
15+016.648	Rt.	II	94.3	0.815	76.8
15+110.925	Rt.	II	76.3	0.815	62.2
15+186.936	Rt.	II	60.9	0.815	49.6
Maize Ramp NS-E					
16+063.142	Lt.	V	10.7	0.815	8.7
16+095.782	Rt.	II	8.1	0.815	6.6
16+103.852	Rt.	II	87.4	0.815	71.2
16+191.274	Rt.	II	24.3	0.815	19.8
16+215.629	Rt.	II	84.4	0.815	68.8
Tyler Ramp W-NS					
16+559.901	Rt.	II	99.8	0.815	81.3
16+659.818	Rt.	II	73.8	0.815	60.1
16+733.620	Rt.	II	65.1	0.815	53.1
Tyler Ramp NS-E					
17+728.041	Rt.	IV	86.3	1.300	112.2
17+814.373	Rt.	IV	112.7	1.300	146.5
Ridge Ramp W-NS					
18+225.000	Rt.	II	15.9	0.815	13.0
18+240.938	Rt.	II	58.9	0.815	48.0
Maize Ramp NS-W					
15+080.000	Lt.	II	27.1	0.815	22.1
15+107.096	Lt.	II	71.3	0.815	58.1
15+178.589	Lt.	II	86.4	0.815	70.4
Maize Ramp E-NS					
16+232.224	Lt.	II	125.5	0.815	102.3
16+357.723	Lt.	II	67.4	0.815	55.0
16+425.382	Lt.	II	24.6	0.815	20.0
Tyler Ramp NS-W					
16+747.924	Lt.	II	99.8	0.815	81.3
16+847.841	Lt.	II	69.7	0.815	56.8
Tyler Ramp E-NS					
17+727.000	Lt.	II	128.2	0.815	104.5
17+854.822	Lt.	II	107.6	0.815	87.7
Ridge Ramp NS-W					
18+235.000	Lt.	II (Spec.)	29.2	0.815	23.8
18+264.178	Lt.	II (Spec.)	77.8	0.815	63.4
Total (Barrier) *					5,886.5

* See Summary of "Surface Coating Finish (Retaining Walls)" for Grand Total

ADDENDUM #1:

Sheet 618 Add the following five (5) manholes to the Adjustment of Manholes Summary of Quantities.

Kellogg Sta. 16+027.276, 20.599 m L.L.
 Kellogg Sta. 16+029.805, 14.788 m L.L.
 Kellogg Sta. 16+039.586, 20.599 m L.L.
 Kellogg Sta. 16+042.000, 20.328 m L.L.
 Kellogg Sta. 17+051.2, 13.94 m L.L. (Manhole Closure)

ADJUSTMENT OF MANHOLES

LOCATION	STATION	OFFSET (m)	SIDE	ELEVATION		QUANTITY (EACH)				REMARKS
				FROM	TO	TY-A	TY-B	MODIFIED	ABANDON	
Maize Rd.										
	3+762.20	8.85	Rt.	-	-			1		
	3+790.50	14.31	Rt.	403.900	403.509	1				Install Flat Slab Top, New MH Lid & Frame
	3+851.50	15.43	Lt.	402.900	403.162	1				
	3+864.40	16.27	Rt.	403.080	403.101	1				
	4+250.00	11.50	Rt.	403.750	403.610	1				
Tyler Rd.										
	5+284.83	3.71	Rt.	404.890	404.836			1		
	5+318.37	3.78	Rt.	404.660	404.662			1		
	5+365.87	3.73	Rt.	404.540	404.152			1		
	5+414.03	3.68	Rt.	404.630	404.345			1		
	5+414.10	10.76	Rt.	404.500	404.450	1				
	5+512.60	10.80	Rt.	404.830	404.500	1				
	5+609.79	10.68	Lt.	-	-				1	
	5+611.20	10.60	Rt.	405.060	405.093	1				
Total **						7	4	1	1	

** These quantities are all paid for as "Adjustment of Manholes"

SUMMARY OF RETAINING WALL QUANTITIES (WALL #9 AND WALL #10)

LOCATION	STATION TO STATION	SIDE	CONCRETE (GR.30)(AE) (CU.M.)	REINF. STEEL (GR.420) (KG)	CLASS III EXCAVATION (CU.M.)	
Maize Ramp W-NS	15+020.126	15+247.800	Rt.	212.0	9890	272.90
Tyler Ramp E-NS	17+843.178	18+140.000	Lt.	264.1	12360	394.10
Total			476.1	22250 #	667.00	

Note: Surface Coating Finish for these walls is summarized in the "Surface Coating Finish (Retaining Walls)" Table
 # Recapitulated with reinf. steel from the summary of "Drainage Structures" Table

SURFACE COATING FINISH (RETAINING WALLS)

LOCATION	QUANTITY (SQ.M.)
Maize Northwest Wall	1230.7
Maize Southwest Wall	1699.3
Maize Northeast Wall	1566.1
Maize Southeast Wall	1762.0
Tyler Northwest Wall	1938.8
Tyler Southwest Wall	2156.9
Tyler Northeast Wall	1774.1
Tyler Southeast Wall	1529.1
Maize Ramp W-NS	376.3
Tyler Ramp E-NS	462.0
Total (Retaining Walls)	14,495.30
Total (Barrier)	5,886.50
GRAND TOTAL	20,381.80

RIPRAP (LIGHT STONE) (450 mm)

ROADWAY	STATION	SIDE	QUANTITY (SQ. M.)
Kellogg	14+443	Lt.	57.0
Kellogg	15+375	Lt.	49.6
Kellogg	15+443	Rt.	36.4
Kellogg	16+983	Rt.	420.2
Maize	4+162	Lt.	73.3
Tyler	5+315	Rt.	29.8
Total			666.3

EROSION CONTROL (CLASS 2)(TYPE F)

LOCATION	STATION TO STATION	WIDTH	QUANTITY (sq. m.)	
Channel Change at @ Sta. 14+427, Rt.	5+074	5+133	3.0	480.0
Special Ditch at @ Sta. 17+090, Lt.	4+915	4+955	3.0	320.0
FK-Rd(EB) 14+390, Rt.				175.9
Total				800.0

SUMMARY OF MILLING QUANTITIES

STATION TO STATION	SIDE	WIDTH (m)	QUANTITY (sq. m)
US-54			
14+665.000	F.R.	7.315	2,148.2548.6
18+200.000	F.R.	Var.	1,860.21707.7
18+200.000	W.R.	Var.	1,243.41502.6
14+664.9	W.R.		102.8
Tyler Rd.			
5+655.0	Rt.	Var.	508.4
5+655.0	Lt.	Var.	517.1
Total			4,789.4

CITY OF WICHITA

SUMMARY OF QUANTITIES

SEDGWICK COUNTY

Professional Engineering Consultants, P.A.
 303 S. TOPEKA • WICHITA, KANSAS 67202
 316-262-2691 • FAX 316-262-3003

Designed by	IIM	Checked by	RCH
Drawn by	JSB	Date	Apr 11, 2002