

### SURFACE COATING FINISH (Barrier)

STATION TO STATION	SIDE	BARRIER TYPE	LENGTH (m)	HEIGHT (m)	QUANTITY (sq. m)
<i>US-54</i>					
14+900.000	14+935.000	Rt.	35.0	0.815	28.5
15+136.617	15+167.165	Rt. II (Spec.)	30.5	0.815	24.9
15+167.165	15+200.000	Rt. II (Spec.)	33.0	0.815	26.9
15+200.000	15+230.000	Rt. III	30.1	1.655	49.9
15+230.000	15+558.938	Rt. II (Spec.)	330.5	0.815	269.4
15+665.857	15+957.810	Rt. II (Spec.)	293.4	0.815	239.1
16+064.276	16+074.887	Rt. II	10.7	0.815	8.7
16+300.000	16+527.188	Rt. II	228.5	0.815	186.2
16+527.188	16+559.901	Rt. II	32.7	0.815	26.7
16+798.639	16+830.981	Rt. II	32.3	0.815	26.4
16+830.981	16+871.439	Rt. II	40.5	0.815	33.0
16+871.439	16+899.282	Rt. III	27.8	1.655	46.1
16+899.282	17+266.882	Rt. II (Spec.)	367.6	0.815	299.6
17+398.332	17+460.260	Rt. II (Spec.)	61.9	0.815	50.5
17+460.260	17+703.265	Rt. II (Spec.)	240.1	0.815	195.7
17+703.265	17+740.065	Rt. III	36.4	1.655	60.2
17+927.457	18+030.000	Rt. IV	101.1	1.300	131.4
18+030.000	18+040.000	Rt. IV	9.9	1.300	12.8
18+040.000	18+225.000	Rt. II	185.0	0.815	150.8
14+900.000	15+018.830	Lt. II	118.8	0.815	96.8
15+018.830	15+079.866	Lt. II	60.7	0.815	49.5
15+252.797	15+280.997	Lt. IV	28.1	1.300	36.5
15+280.997	15+304.497	Lt. III	23.4	1.655	38.7
15+304.497	15+558.400	Lt. IV	252.7	1.300	328.5
15+666.395	15+945.000	Lt. IV	277.3	1.300	360.4
15+945.000	15+957.297	Lt. II	12.2	0.815	10.0
16+068.803	16+175.818	Lt. II	106.5	0.815	86.8
16+175.818	16+213.801	Lt. II	38.0	0.815	31.0
16+450.000	16+527.188	Lt. II	76.8	0.815	62.6
16+527.188	16+747.924	Lt. II	220.7	0.815	179.9
16+936.082	16+959.332	Lt. III	23.3	1.655	38.5
16+959.332	17+266.882	Lt. IV	307.6	1.300	399.8
17+398.332	17+460.260	Lt. IV	61.9	1.300	80.5
17+460.260	17+550.000	Lt. IV	90.8	1.300	118.0
17+550.000	17+703.861	Lt. II (Spec.)	153.7	0.815	126.9
17+703.861	17+726.265	Lt. II (Spec.)	22.4	0.815	18.3
17+726.265	17+748.755	Lt. III	22.5	1.655	37.2
17+748.755	17+757.444	Lt. II	8.7	0.815	7.1
17+962.457	18+040.845	Lt. II	79.5	0.815	64.8
18+040.845	18+235.000	Lt. II	194.2	0.815	158.2
<i>Maize Ramp W-NS</i>					
14+935.000	14+951.702	Rt. II	16.7	0.815	13.6
14+951.702	15+016.648	Rt. II	64.8	0.815	52.8
15+016.648	15+110.925	Rt. II	94.3	0.815	76.8
15+110.925	15+186.936	Rt. II	76.3	0.815	62.2
15+186.936	15+247.800	Rt. II	60.9	0.815	49.6
<i>Maize Ramp NS-E</i>					
16+063.142	16+073.859	Lt. V	10.7	0.815	8.7
16+095.782	16+103.852	Rt. II	8.1	0.815	6.6
16+103.852	16+191.274	Rt. II	87.4	0.815	71.2
16+191.274	16+215.629	Rt. II	24.3	0.815	19.8
16+215.629	16+300.000	Rt. II	84.4	0.815	68.8
<i>Tyler Ramp W-NS</i>					
16+559.901	16+659.818	Rt. II	99.8	0.815	81.3
16+659.818	16+733.620	Rt. II	73.8	0.815	60.1
16+733.620	16+798.691	Rt. II	65.1	0.815	53.1
<i>Tyler Ramp NS-E</i>					
17+728.041	17+814.373	Rt. IV	86.3	1.300	112.2
17+814.373	17+927.457	Rt. IV	112.7	1.300	146.5
<i>Ridge Ramp W-NS</i>					
18+225.000	18+240.938	Rt. II	15.9	0.815	13.0
18+240.938	18+300.000	Rt. II	58.9	0.815	48.0
<i>Maize Ramp NS-W</i>					
15+080.000	15+107.096	Lt. II	27.1	0.815	22.1
15+107.096	15+178.589	Lt. II	71.3	0.815	58.1
15+178.589	15+265.000	Lt. II	86.4	0.815	70.4
<i>Maize Ramp E-NS</i>					
16+232.224	16+357.723	Lt. II	125.5	0.815	102.3
16+357.723	16+425.382	Lt. II	67.4	0.815	55.0
16+425.382	16+450.000	Lt. II	24.6	0.815	20.0
<i>Tyler Ramp NS-W</i>					
16+747.924	16+847.841	Lt. II	99.8	0.815	81.3
16+847.841	16+917.581	Lt. II	69.7	0.815	56.8
<i>Tyler Ramp E-NS</i>					
17+727.000	17+854.822	Lt. II	128.2	0.815	104.5
17+854.822	17+962.457	Lt. II	107.6	0.815	87.7
<i>Ridge Ramp NS-W</i>					
18+235.000	18+264.178	Lt. II (Spec.)	29.2	0.815	23.8
18+264.178	18+342.000	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 NO. 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 Lt.  
 Kellogg Sta. 16+029.805, 14.788 m Lt.  
 Kellogg Sta. 16+039.586, 20.599 m Lt.  
 Kellogg Sta. 16+042.000, 20.328 m Lt.  
 Kellogg Sta. 17+051.2, 13.94 m Lt. (Manhole Closure)

### ADJUSTMENT OF MANHOLES

LOCATION	STATION	OFFSET (m)	SIDE	ELEVATION		QUANTITY (EACH)				REMARKS	
				FROM	TO	TY-A	TY-B	MODIFIED	ABANDON		
<i>Maize Rd</i>											
	3+262.20	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	16.77	Rt.	403.080	403.101	1					
	4+250.00	11.50	Rt.	403.750	403.610	1					
<i>Tyler Rd</i>											
	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	10.69	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)	
<i>Maize Ramp W-NS</i>	15+020.126	15+247.800	Rt.	212.0	9890	272.90
<i>Tyler Ramp E-NS</i>	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.)
<i>Maize Northwest Wall</i>	1230.7
<i>Maize Southwest Wall</i>	1699.3
<i>Maize Northeast Wall</i>	1566.1
<i>Maize Southeast Wall</i>	1762.0
<i>Tyler Northwest Wall</i>	1938.8
<i>Tyler Southwest Wall</i>	2156.9
<i>Tyler Northeast Wall</i>	1774.1
<i>Tyler Southeast Wall</i>	1529.1
<i>Maize Ramp W-NS</i>	376.3
<i>Tyler Ramp E-NS</i>	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.)
<i>Kellogg</i>	14+443	Lt.	57.0
<i>Kellogg</i>	15+375	Lt.	49.6
<i>Kellogg</i>	15+443	Rt.	36.4
<i>Kellogg</i>	16+983	Rt.	420.2
<i>Maize</i>	4+162	Lt.	73.3
<i>Tyler</i>	5+315	Rt.	29.8
Total			666.3

### EROSION CONTROL (CLASS 2)(TYPE F)

LOCATION	STATION TO STATION	WIDTH	QUANTITY (sq. m.)	
<i>Channel Change at Sta. 14+427, Rt.</i>	5+074	5+133	3.0	480.0
<i>Special Ditch at Sta. 17+090, Lt.</i>	4+915	4+955	3.0	320.0
<i>Frontage Rd. (E. Bd.) Sta. 14+390, Rt.</i>				175.9
Total				976

### SUMMARY OF MILLING QUANTITIES

STATION TO STATION	SIDE	WIDTH (m)	QUANTITY (sq. m)	
<i>US-54</i>				
14+665.000	14+878.000	E.B.	7.315	548.6
18+200.000	18+372.200	E.B.	Var.	1767.7
18+200.000	18+360.400	W.B.	Var.	1567.6
14+664.9	14+678.7	W.B.		102.8
<i>Tyler Rd.</i>				
5+655.0	5+787.965	Rt.	Var.	508.4
5+655.0	5+787.965	Lt.	Var.	517.1
Total				4789.4
				5355

2148.2  
1860.2  
1243.4

CITY OF WICHITA

### SUMMARY OF QUANTITIES

SEDGWICK COUNTY

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RECORD DRAWING

Designed by	IIM	Checked by	RCH
Drawn by	JSB	Date	April, 2002
		Job No.	97362