

IMPROVEMENT PLANS FOR
**15TH STREET BRIDGE OVER THE
 WICHITA DRAINAGE CANAL**
 WICHITA, KS

SUMMARY OF QUANTITIES

PROJECT NO.
472-2023-085864

SCALE
NO SCALE

DRAWN DESIGNED CHECKED
LWG JRA JRA

NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	8-1-2025

SHEET NO.
74 OF 114

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PLOTTED: Friday, August 01, 2025 @ 02:15PM
 J:\PROJECTS\2023\20230810\0431_COW_WDG_BRIDGE REPLACEMENT AT 15TH STREET\00_230431_CADD\SHOTS\06_CIVIL\PAV\230431_SUMMARY OF QUANTITIES.DWG

MAINLINE PAVEMENT				
Location	Side	Concrete Pavement 6" (sy)	Crushed Rock Base 5", Reinforced (sy)	Remarks
51+84.00 to 52+80.09	Rt.	422.8	497.1	Cul de sac
52+85.69 to 53+91.50	Rt.	204.7		Parking area
Totals		627.5	497.1	

Note: See typical section for location of rock base for the parking area.

DRIVEWAY PAVEMENT						
Location	Side	Depth * (ft)	Width (ft)	Concrete Driveway 8" (Reinf.) (sf)	Gate, Wire Rope (ea)	Remarks
44+81.78	Lt.				1	
51+89.85	Rt.	12.0	20.0	264.9	1	
Totals				264.9	2.0	

* Depth is measured at the driveway center.

CONCRETE CURB AND GUTTER					
Location	Side	Concrete C & G, Type 1 (6" & 1-1/2") (lf)	Concrete C & G, Type 1 (6"), Special (lf)	AC Pavement Removed & replaced (sy)	Remarks
44+72.81 to 45+15.29	Lt.	65.3		12.6	West of bridge
51+81.50 to 52+80.09	Rt.	191.8			Cul de sac
52+80.09 to 53+97.35	Rt.	117.0	153.3		Parking area
Totals		374.1	153.3	12.6	

SIDEWALK CONSTRUCTION											
Location	Side	Concrete Sidewalk 4" (sf)	Concrete Sidewalk 5" (Reinf.) (sf)	Concrete Approach 8" (sf)	Concrete Sidewalk 8" (Reinf.) (Colored) (sf)	Sidewalk Thickening (lf)	Wheelchair Ramp w/ Detectable Warnings (ea)	Crushed Rock Surface (Special) (sy)	Bollard (ea)	Concrete Protection Curb (lf)	Remarks
44+74.49 to 44+97.10	Lt.	992.1				158.1					
44+96.28 to 45+18.89	Lt.	87.5				6.0					
45+06.53 to 45+19.60	Rt.	417.2				6.0					
45+19.87 to 45+26.01	Rt.	283.8				6.0					
48+72.09 to 48+87.20	Rt.	162.8									
48+73.33 to 48+86.37	Lt.	237.8									
51+26.08 to 51+78.82	Lt.	139.5									
51+26.66 to 51+74.23	Rt.	387.8									
51+87.12 to 54+26.44	Rt.	1,794.3				107.0	1				
44+85.70 to 47+40.00	CL		2543.0			10.0	1		1		
47+60.00 to 48+93.62	CL		1336.2			20.0					
48+93.62 to 49+23.87	Rt.		558.5			23.4					
48+94.90 to 49+23.87	Lt.		554.1			23.8					
50+95.50 to 51+78.86	CL		833.6			10.0	1		1		
48+93.62 to 49+23.87	CL			321.8				16.3			
50+76.13 to 50+95.50	CL			213.0				54.0			
45+02.67 to 44+97.10	Lt.				120.0						
44+84.54 to 45+11.36	Rt.				120.0						
47+40.00 to 47+60.00	CL				200.0						
N/A									50.0		Not shown in plans
Totals		4,502.7	5,825.3	534.8	440.0	370.3	3	70.3	2	50.0	

RIPRAP AND GABIONS						
Location	Side	Riprap, Concrete 6" (Reinf.) (sy)	Riprap, Light Stone (sy)	Gabion Basket (cy)	Gabion Blanket (sy)	Remarks
PATH ALIGNMENT:	CL		63.8			
	CL		54.4			
CHANNEL ALIGNMENT:						
	Lt.			46.1	132.2	
	Rt.			41.5	132.2	
	Lt.	10.9				
	Rt.	50.3				
Totals		61.2	118.2	87.6	264.3	

STORM SEWER PIPE AND STRUCTURES									
Location	PIPES			MANHOLES		MISCELLANEOUS			REMARKS
	Pipe, SWS, RCP 18" (lf)	Pipe, SWS, RCP 42" (lf)	Fill, Sand (Flushed & Vibrated) (lf)	MH, Standard SWS (6') (ea)	MH, Standard SWS (6') (Doghouse) (ea)	Connect to Existing Structure (ea)	Concrete Collar (ea)	18" End Section (ea)	
SWS Line 1		186.0	97.9	2	1	1	1		
Crossroad Pipe	100.0							2	Path Sta. 44+90.0
Totals	100.0	186.0	97.9	2	1	1	1	2	