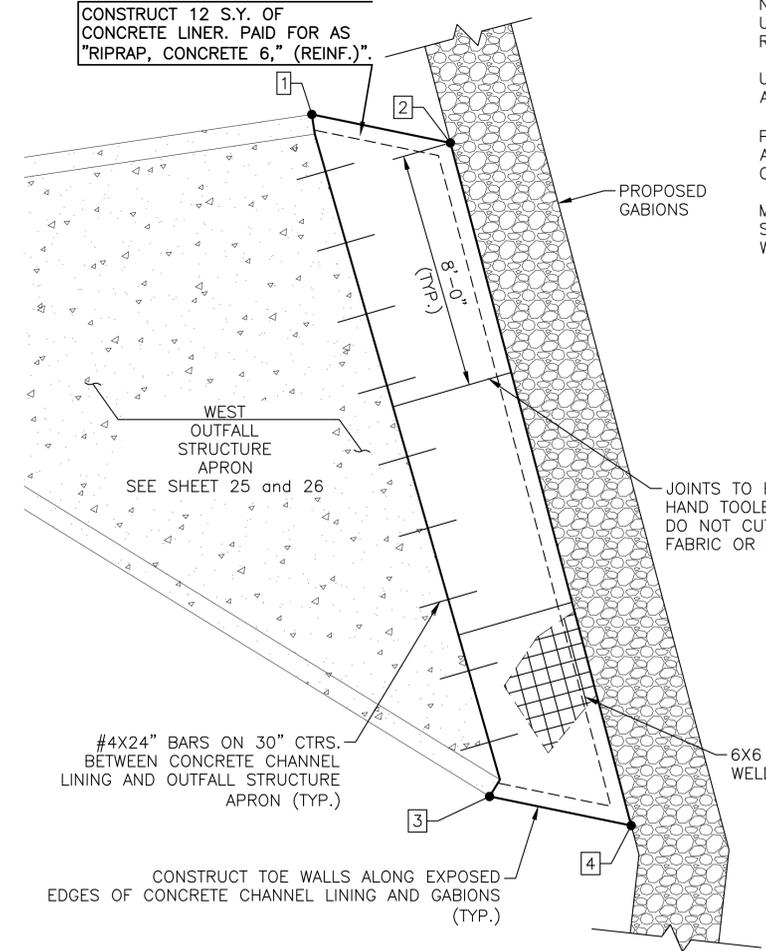


IMPROVEMENT PLANS FOR
15TH STREET BRIDGE OVER THE
WICHITA DRAINAGE CANAL
 WICHITA, KS

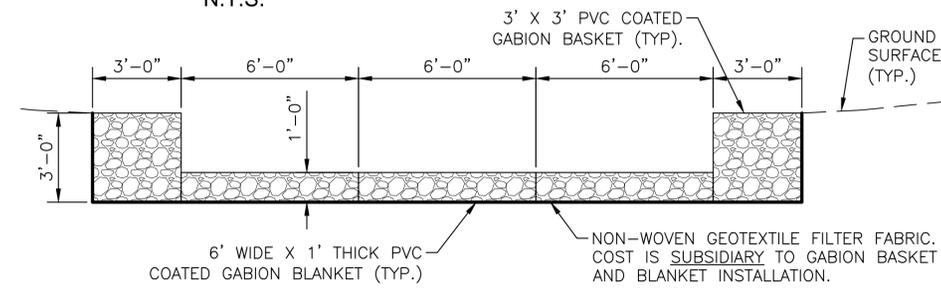
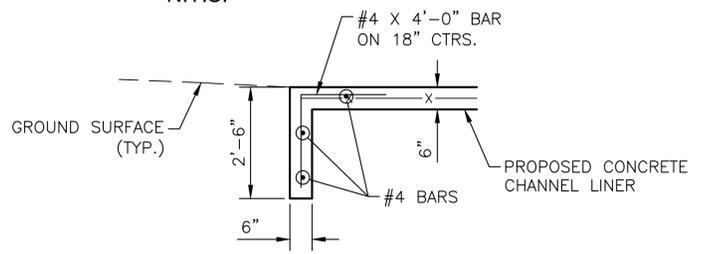
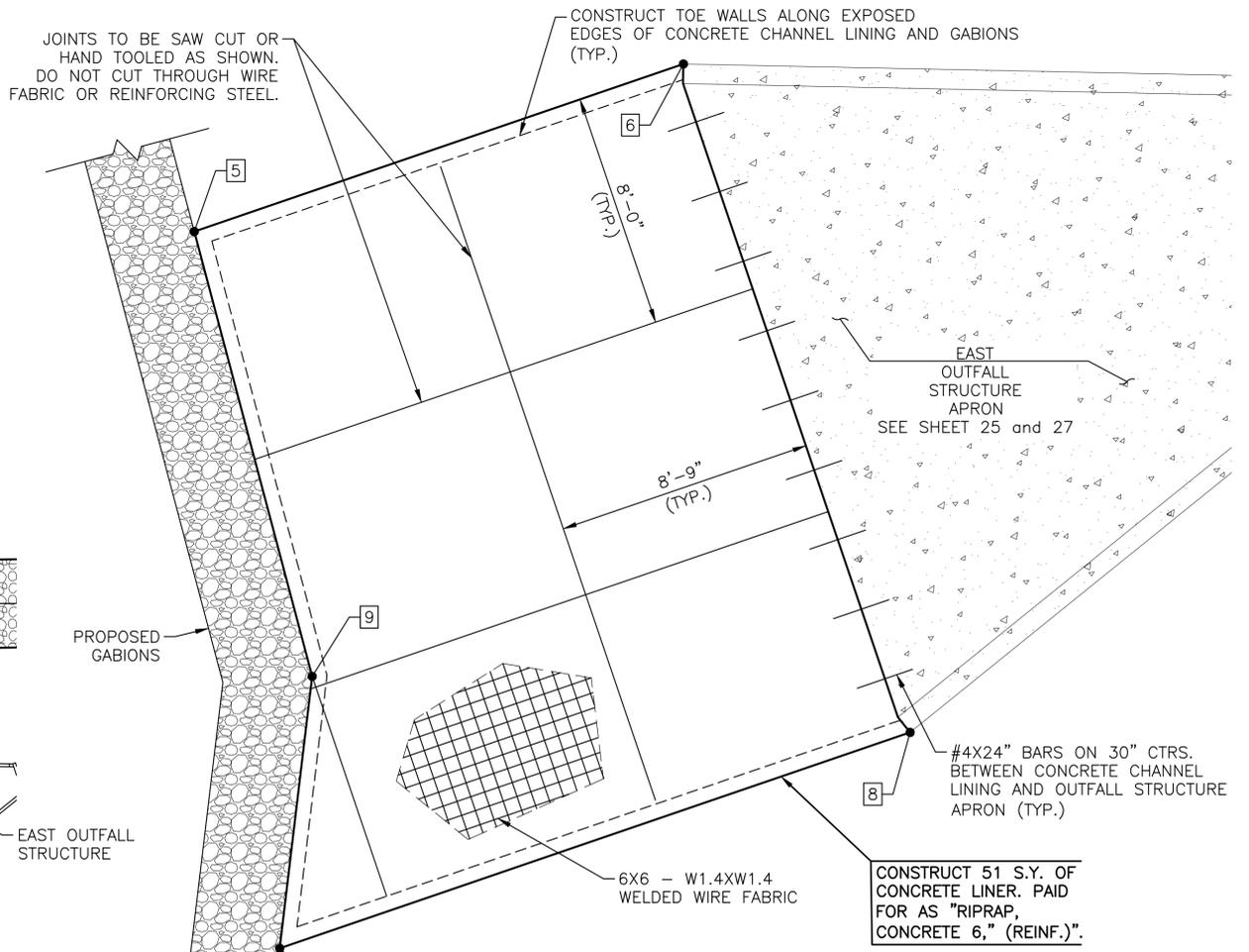
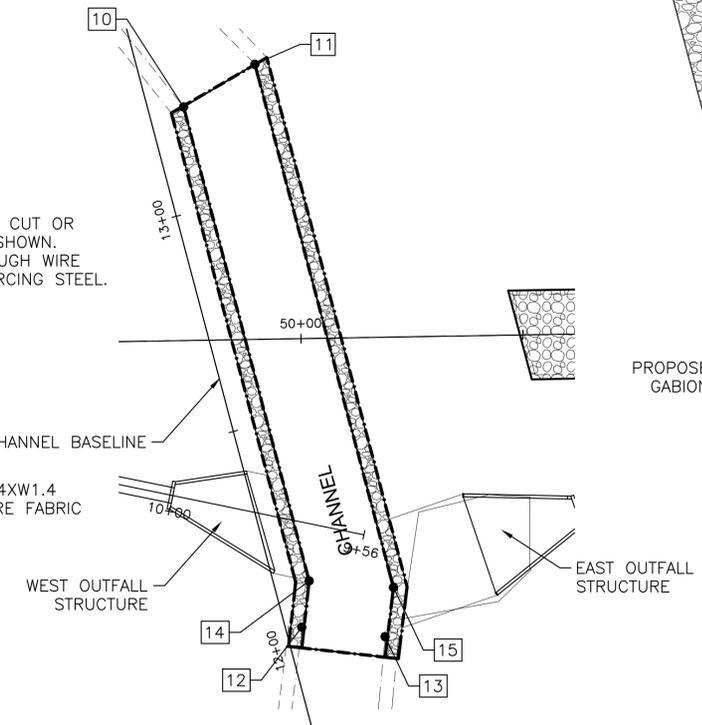
CHANNEL RESTORATION DETAILS		
PROJECT NO.	472-2023-085864	
SCALE	NTS	
DRAWN	DESIGNED	CHECKED
RAM	JRA	JRA
ISSUED FOR CONSTRUCTION	8-1-2025	
NO.	REVISION	DATE
SHEET NO. 22 OF 114		

PROJECT: 202302201010431_COW_WDC BRIDGE REPLACEMENT AT 15TH STREET AND CHILDRIDGE CIVIL BRIDGE 2024031_CHANNEL RESTORATION.DWG
 PLOTTED: Friday, August 01, 2025 @ 09:48:01

CONSTRUCT 12 S.Y. OF CONCRETE LINER, PAID FOR AS "RIPRAP, CONCRETE 6," (REINF.).



NOTES:
USE 6X6 - W1.4 X W1.4 WELDED WIRE FABRIC CONFORMING TO THE REQUIREMENTS OF ASTM A185.
USE REINFORCING STEEL CONFORMING TO THE REQUIREMENTS OF ASTM A615, GRADE 60.
PLACE 1 1/2" TYPE B EXPANSION MATERIAL IN THE JOINTS CAUSED BY ANY INTERSECTION OF THE RIPRAP WITH THE ABUTMENT, WINGS, OR COLUMNS.
MEASUREMENT OF THE REINFORCED CONCRETE RIPRAP SHALL BE IN SQUARE YARDS AND IS BASED ON THE OUTSIDE SURFACE AREA. TOE WALLS ARE SUBSIDIARY TO CHANNEL LINING.



CHANNEL RESTORATION POINT TABLE								
POINT NO.	STATION	OFFSET	NORTHING	EASTING	TOP OF GABION BASKET ELEV.	TOP OF GABION BLANKET ELEV.	CONCRETE CHANNEL LINING ELEV.	REMARKS
1	12+40.65	0.61' RT.	1695186.34	1653521.461			1289.07	
2	12+38.51	4.90' RT.	1695185.382	1653526.148			1288.84	
3	12+16.90	0.52' RT.	1695163.373	1653527.475			1288.88	
4	12+14.72	4.90' RT.	1695162.393	1653532.267			1288.82	
5	12+21.93	28.90' RT.	1695175.533	1653553.605			1288.84	
6	12+23.14	46.51' RT.	1695181.227	1653570.313			1289.01	
7	11+97.64	25.45' RT.	1695151.164	1653556.522			1288.82	
8	11+99.19	48.15' RT.	1695158.503	1653578.057			1289.02	
9	12+06.28	28.90' RT.	1695160.409	1653557.63			1288.82	
10	13+23.30	7.90' RT.	1695268.083	1653507.242	1288.91	1286.91		
11	13+28.44	25.90' RT.	1695277.682	1653523.313	1288.92	1286.92		
12	11+99.09	2.43' RT.	1695146.65	1653533.908	1288.81	1286.81		
13	11+92.22	20.06' RT.	1695144.549	1653552.707	1288.81	1286.81		
14	12+13.18	7.90' RT.	1695161.675	1653535.563	1288.82	1286.82		
15	12+06.86	25.90' RT.	1695160.199	1653554.582	1288.82	1286.82		
16	12+93.73	49.17' LT.	1695224.834	1653459.702				
17	12+87.32	23.35' LT.	1695225.276	1653486.299				
18	12+74.32	53.99' LT.	1695204.837	1653460.035				
19	12+66.86	23.95' LT.	1695205.351	1653490.983				
20	12+78.39	23.61' LT.	1695216.582	1653488.343				
21	12+64.61	68.03' RT.	1695226.84	1653580.443				
22	12+58.10	94.22' RT.	1695227.288	1653607.432				
23	12+44.00	68.05' RT.	1695206.925	1653585.772				
24	12+38.69	89.40' RT.	1695207.291	1653607.764				
25	12+54.71	68.04' RT.	1695217.276	1653583.002				

NOTES FOR RIPRAP:
1. ALL RIPRAP FOR THIS PROJECT SHALL BE NATURAL STONE. NEITHER BROKEN CONCRETE, FABRIC ENVELOPE, NOR PREMIXED DRY PACKAGED CONCRETE BAG ALTERNATES WILL BE ALLOWED, UNLESS INDICATED OTHERWISE.
2. TOEWALLS SHALL BE INSTALLED ALONG ALL UNPROTECTED EDGES OF STONE RIPRAP.
3. GROUTING OF THE SURFACE OF THE RIPRAP SHALL NOT BE PERFORMED, EXCEPT WHERE INDICATED OTHERWISE. GROUTING OF THE TOEWALLS SHALL BE PERFORMED PER CITY SPECIFICATIONS.
4. ALL WORK IS SUBSIDIARY TO "RIPRAP, LIGHT STONE" INCLUDING STONE FILTER COURSE AND GROUTING TOEWALLS.

