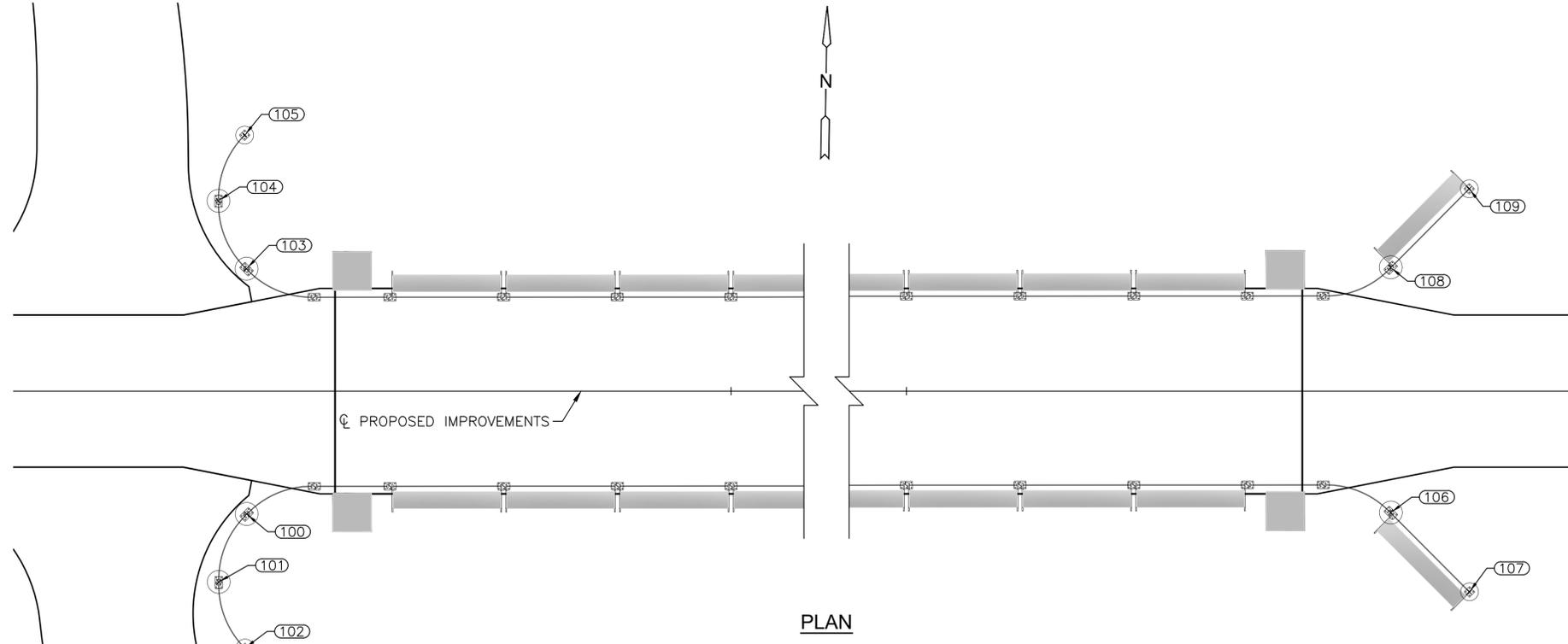


PLOTTED: Friday, August 01, 2025 @ 02:14PM

J:\PROJECTS\2023\20230810\10431_COW_WDGR BRIDGE REPLACEMENT AT 15TH STREET\100_230431_CAD\SHOTS\06_CIVIL\BRIDGE\BRIDGE RAIL\230431_END RAIL DETAILS.DWG



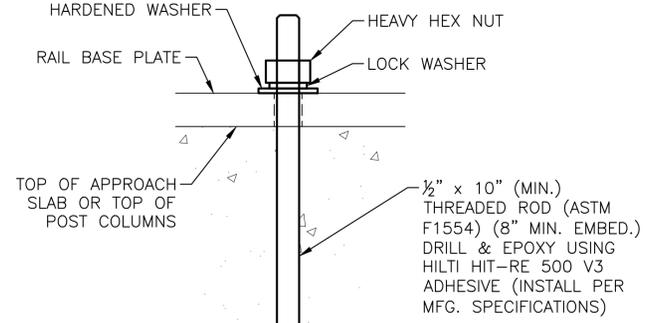
PLAN

END RAIL COLUMN POINTS				
Point #	Northing	Easting	Elevation	Description
100	1695206.63	1653451.92	1307.39	Double End Rail Post Column
101	1695202.14	1653450.15	1307.19	Double End Rail Post Column
102	1695197.82	1653451.96	1306.99	Single End Rail Post Column
103	1695222.74	1653451.64	1307.46	Double End Rail Post Column
104	1695227.17	1653449.72	1307.51	Double End Rail Post Column
105	1695231.51	1653451.38	1307.50	Single End Rail Post Column
106	1695209.44	1653615.82	1307.39	Double End Rail Post Column
107	1695204.32	1653621.10	1307.27	Single End Rail Post Column
108	1695225.56	1653615.54	1307.63	Double End Rail Post Column
109	1695230.80	1653620.64	1307.78	Single End Rail Post Column

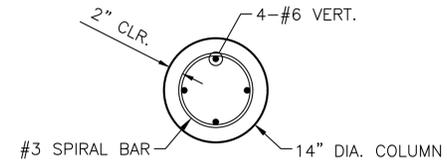
COLUMN NOTES:

1. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3,000 P.S.I.
2. REINFORCING STEEL SHALL HAVE A MINIMUM TENSILE STRENGTH OF 36 K.S.I.
3. ELEVATIONS SHOWN ON THE END RAIL COLUMN POINTS TABLE ARE THE FINISHED TOP ELEVATIONS.
4. ALL MATERIALS AND LABOR FOR END RAIL COLUMNS SHALL BE SUBSIDIARY TO THE BID ITEM "COMBINATION RAIL".

NOTE:
ALL HARDWARE FOR FASTENING RAIL POSTS THROUGHOUT THE PROJECT SHALL BE HOT-DIP GALVANIZED PER ASTM F2329.

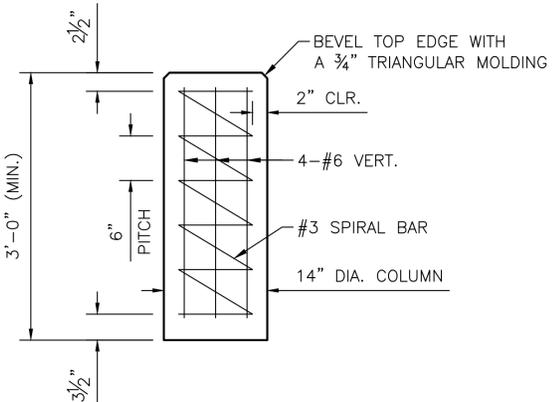


RAIL POST ANCHORS



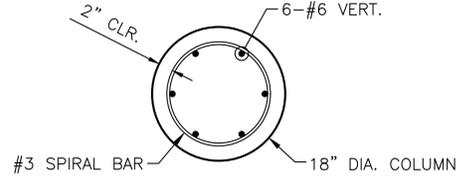
PLAN

(SINGLE END RAIL POST COLUMN)



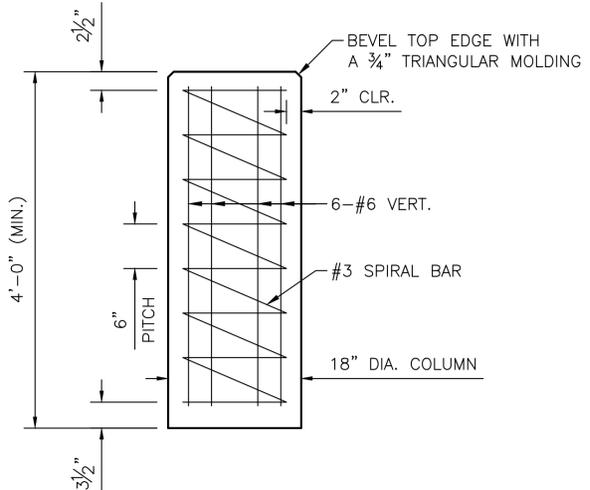
ELEVATION

(SINGLE END RAIL POST COLUMN)



PLAN

(DOUBLE END RAIL POST COLUMN)



ELEVATION

(DOUBLE END RAIL POST COLUMN)



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

END RAIL COLUMN DETAILS

PROJECT NO.	472-2023-085864	
SCALE	NTS	
DRAWN	DESIGNED	CHECKED
RAM	DMU	DMU
NO.	REVISION	DATE
0	ISSUED FOR CONSTRUCTION	8-1-2025

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