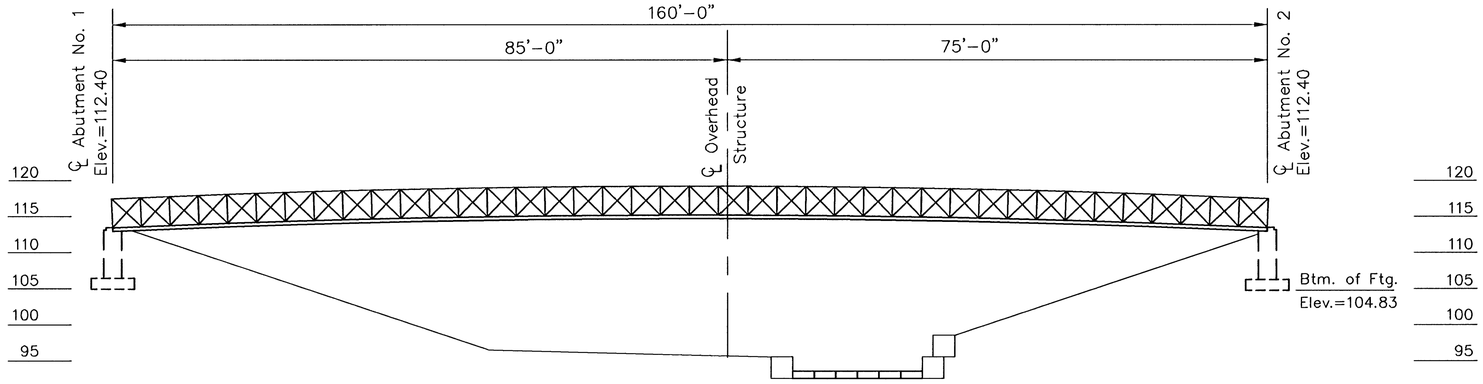
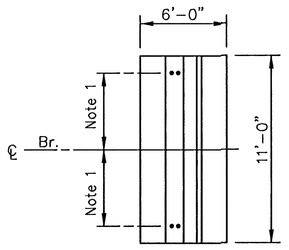
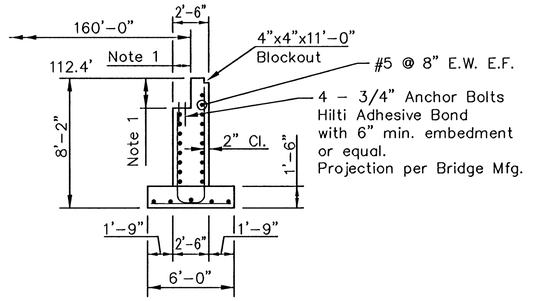


ELEVATION

(Looking Downstream)
160'-0" Steel Span Pedestrian Bridge
8'-0" Treadway



PLAN



SECTION

NOTE 1: Dimensions per Bridge manufacturer.

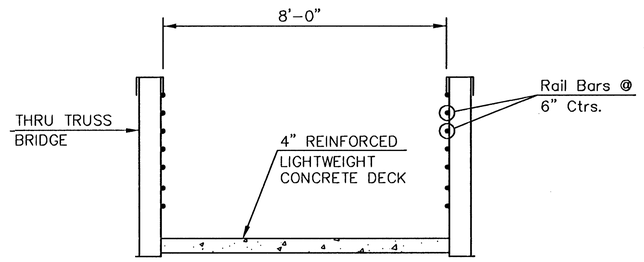
ABUTMENT DETAILS

GENERAL NOTES:

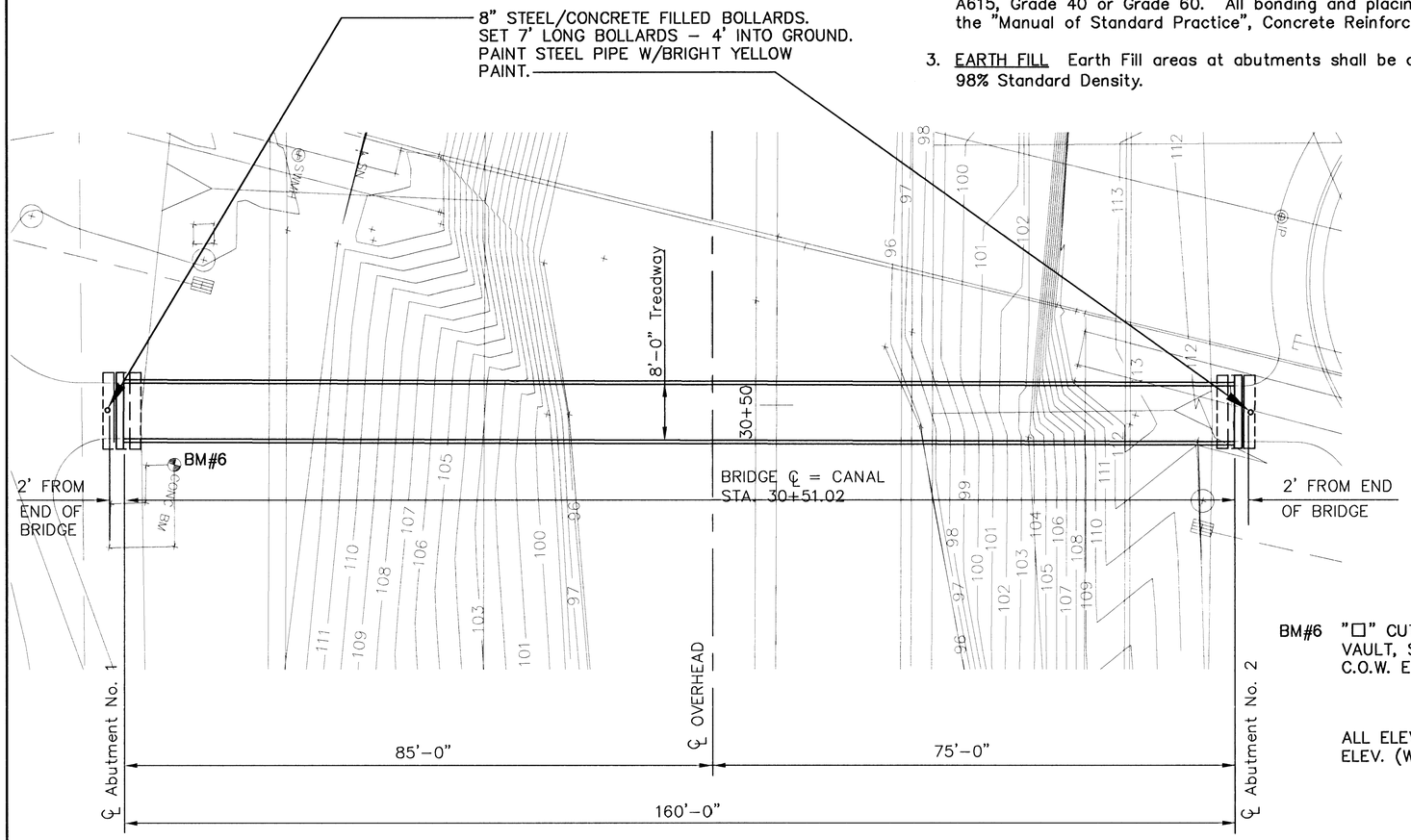
1. CONCRETE The concrete used for structural abutments shall be the concrete paving mix for the City of Wichita (fc'(min.)=4,000 psi.) The concrete shall have a minimum age of 14 days prior to additional construction of the foundations.

2. REINFORCING The reinforcing used throughout shall conform to ASTM A615, Grade 40 or Grade 60. All bonding and placing shall conform to the "Manual of Standard Practice", Concrete Reinforcing Steel Institute.

3. EARTH FILL Earth Fill areas at abutments shall be compacted to 98% Standard Density.



TYPICAL BRIDGE SECTION



N

1"=10'

The bridge shall be designed for a live load of 85 pounds per square foot. Design drawings and calculations shall be prepared by an engineer licensed in the State of Kansas. These shall be submitted to the Engineer for approval prior to fabrication.

Main members of the bridge truss shall be fabricated of structural tubing or rolled section.

The railing shall have a maximum opening of 6".

The deck shall be 4" thick lightweight concrete.

The pedestrian bridge is available through BIG R, Greeley, Colorado, 1-800-234-0734, or CONTINENTAL BRIDGE, Alexandria, Minnesota, 1-800-328-2047, or STEADFAST BRIDGES, Fort Payne, Alabama, 1-800-749-7515, or approved equal.

BM#6 "□" CUT ON SOUTHWEST CORNER OF A CONCRETE VAULT, STA. 30+55, EAST/LEFT BANK C.O.W. ELEV. = 112.87

ALL ELEVATIONS ARE CITY OF WICHITA DATUM ELEV. (WICHITA) = N.G.V.D. - 1187.4'

MID-KANSAS ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

AREA "K" PART 2 - PHASE 1
WICHITA DRAINAGE CANAL
PROJECT NAME

PEDESTRIAN BRIDGE DETAILS
CHANNEL STA. 30+51
SHEET TITLE

JNJ/KJS	DPG/MLW	JNJ
DESIGN BY:	DRAWN BY:	CHECKED BY:
FEBRUARY 1999	94011	22 / 64
DATE	JOB NO.	SHEET/OF

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