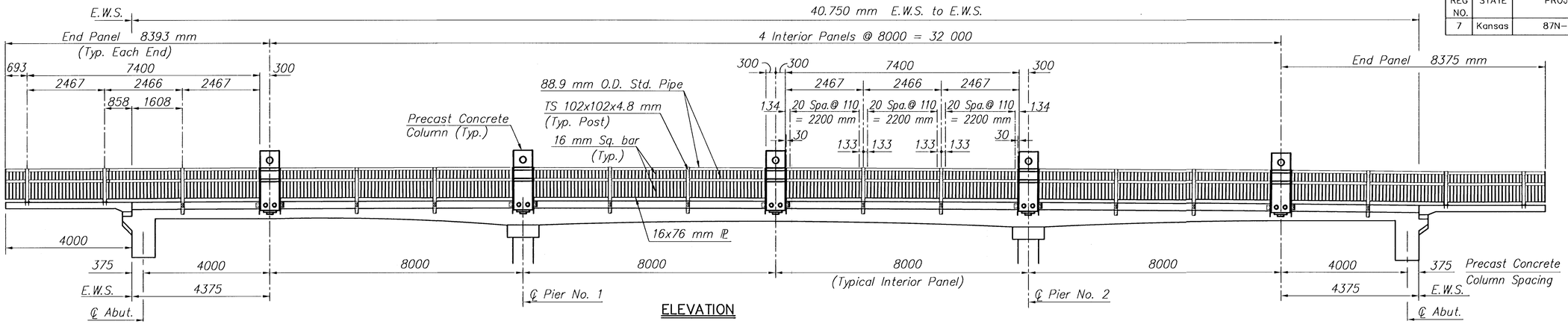
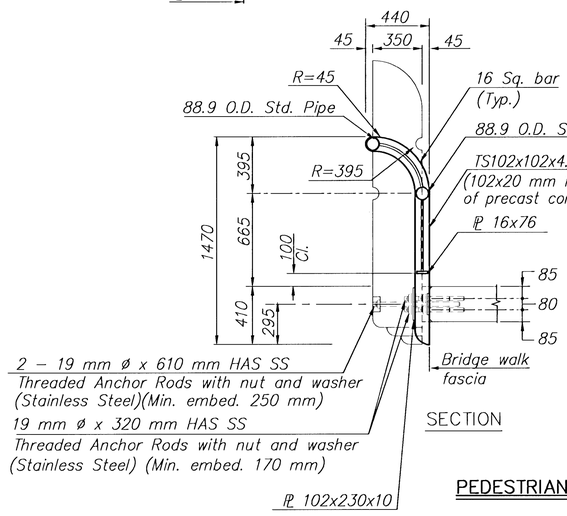
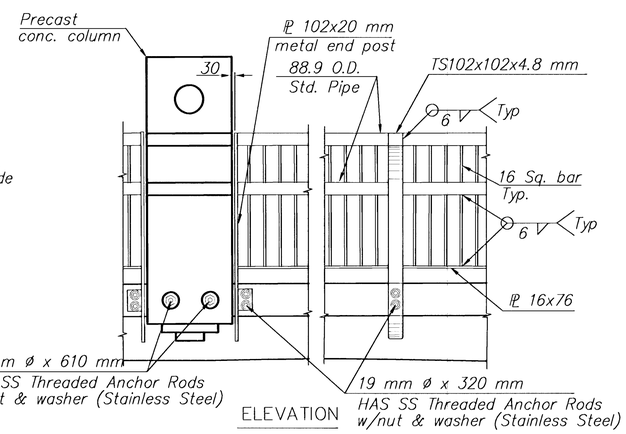
FHWA REG NO.	STATE	PROJECT NO.	YEAR	SHEET NO	TOTAL SHEETS
7	Kansas	87N-0195-01	2001	37	127



ELEVATION



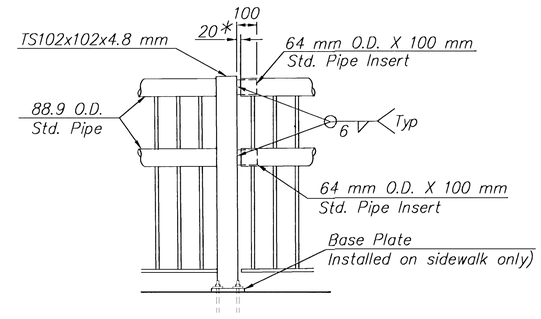
SECTION



ELEVATION

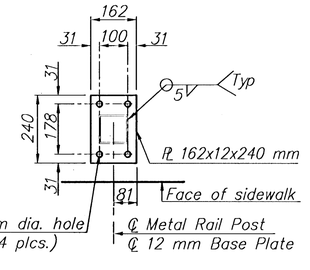
Use galv. metal shims to adjust for vertical alignment.

PEDESTRIAN HANDRAIL DETAIL

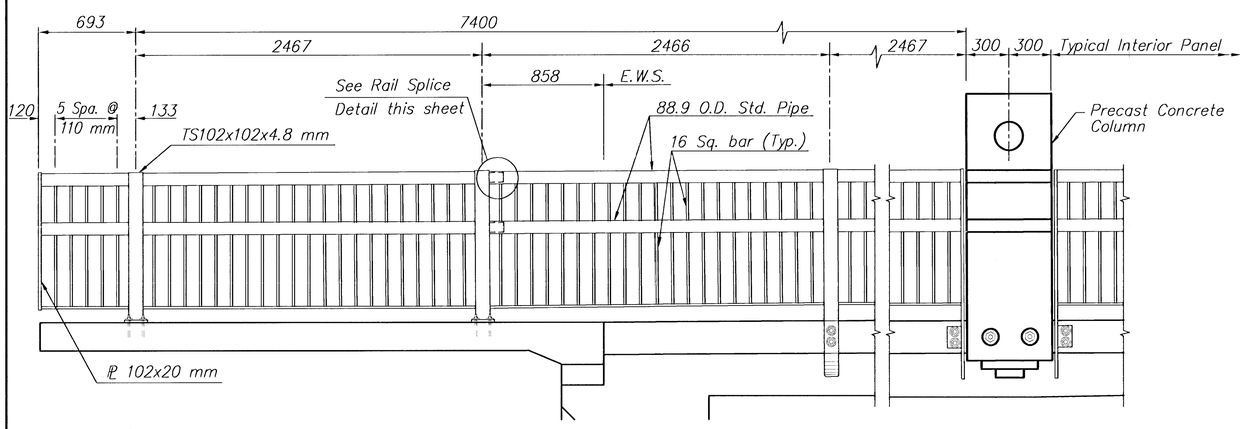


RAIL SPLICE DETAIL

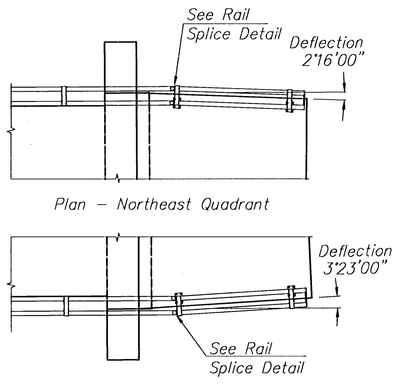
* 20 mm gap required to allow for expansion.



BASE PLATE DETAIL



HANDRAIL END PANEL



HANDRAIL END PANEL LAYOUT

NOTES:

1. The plate and bar rail members shall conform to ASTM A36 M. The tubular rail members shall conform to ASTM A53, Type E or S, Gr. B. The tubing for the posts shall conform to ASTM A500, Gr. B.
2. Rail shall be fabricated in lengths to include a minimum of two and a maximum of three panels. Posts shall be set vertical. Shims may be used between concrete and base plates of posts.
3. All parts of handrail shall be painted. The primer coat shall conform to the inorganic Zinc System. Surface preparation shall be in accordance with that for structural steel. The finish coat color shall be black. A waterborne acrylic paint system shall be used for the finish coat.
4. All material, equipment and labor necessary for the installation of the bridge and sidewalk handrail shall be subsidiary to the bid item, "Bridge Handrail (Steel)".

SRB 924 NORTH MAIN WICHITA, KANSAS 67203 316-264-8008 FAX 264-4621
SAVOY, RUGGLES & BOHM, P. A.
ENGINEERING & SURVEYING

MKEC ENGINEERING CONSULTANTS
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

MAPLE STREET BRIDGE (OVER CALFSKIN CREEK)
PROJECT NAME

PEDESTRIAN BRIDGE HANDRAIL
SHEET TITLE

KJS	DPG	MDK
DESIGN BY:	DRAWN BY:	CHECKED BY:
NOVEMBER 2001	00142PED	37 / 127
DATE	DRAWING NAME	SHEET / OF

H:\CIVIL\00142\BRIDGE\00142PED.DWG Wed Nov 21 11:56:03 2001

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