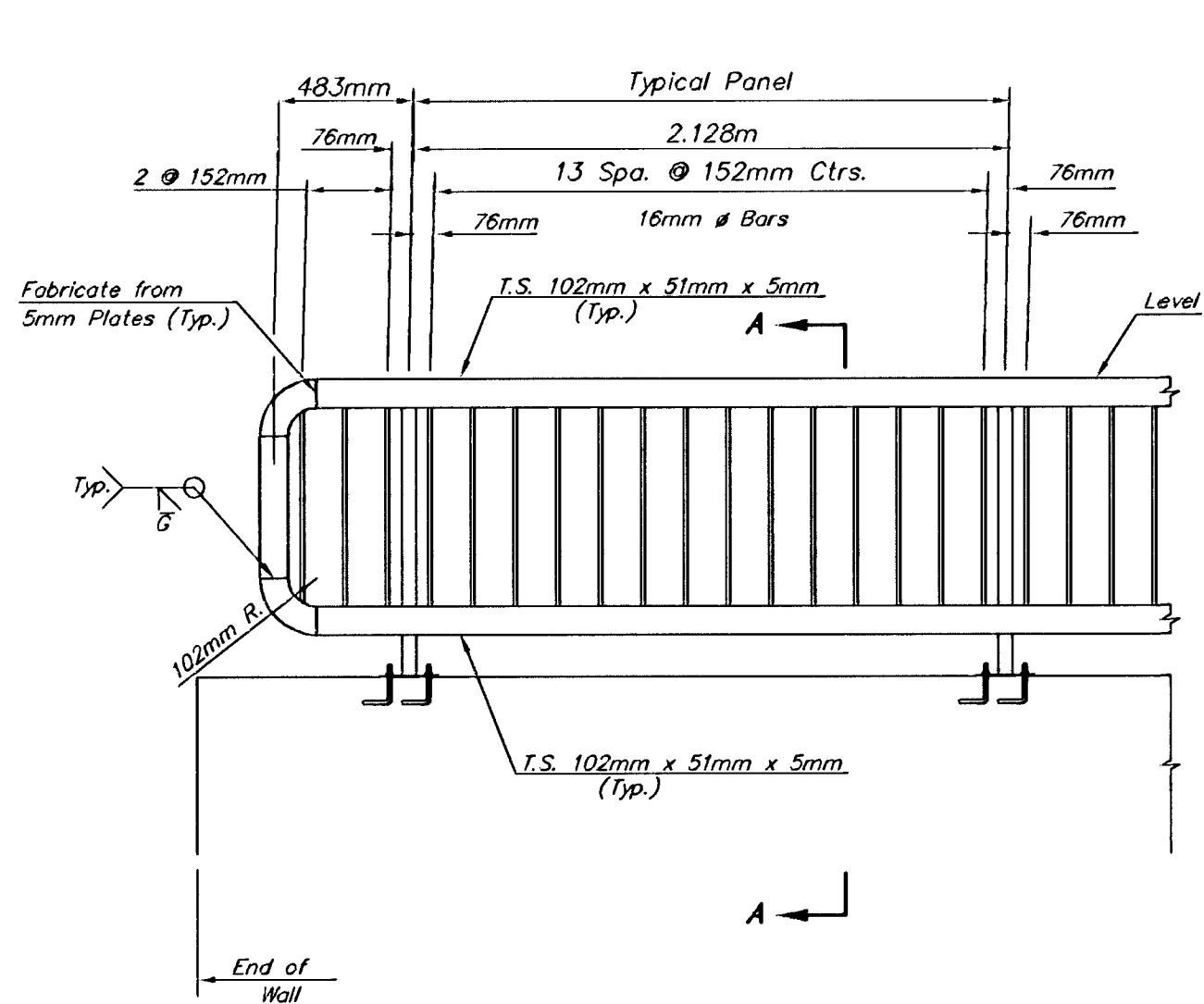
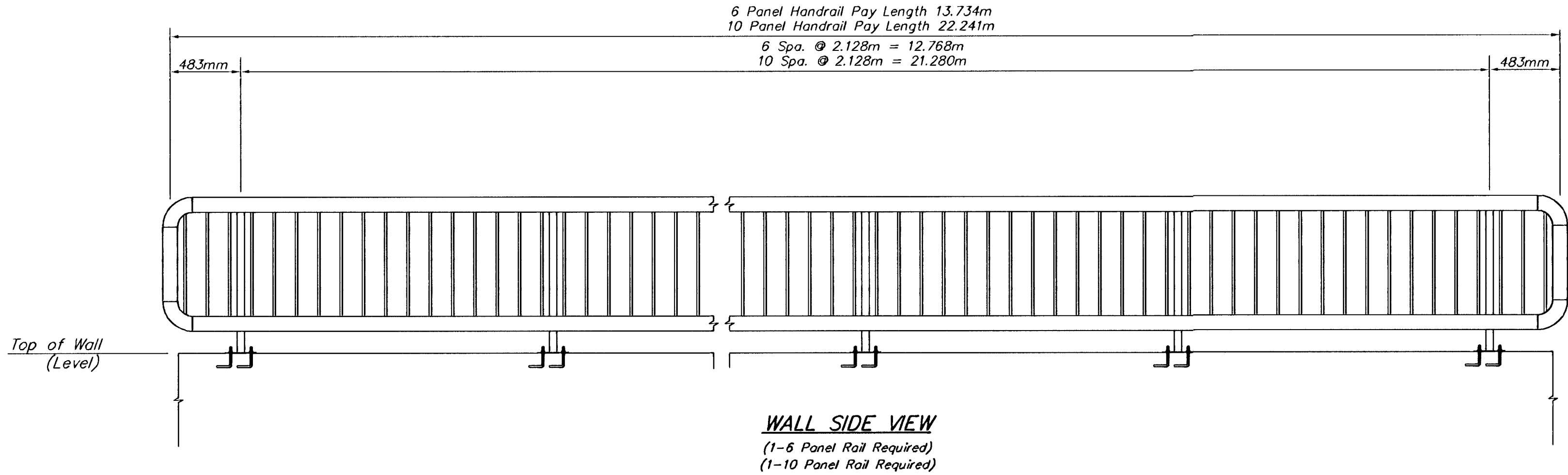


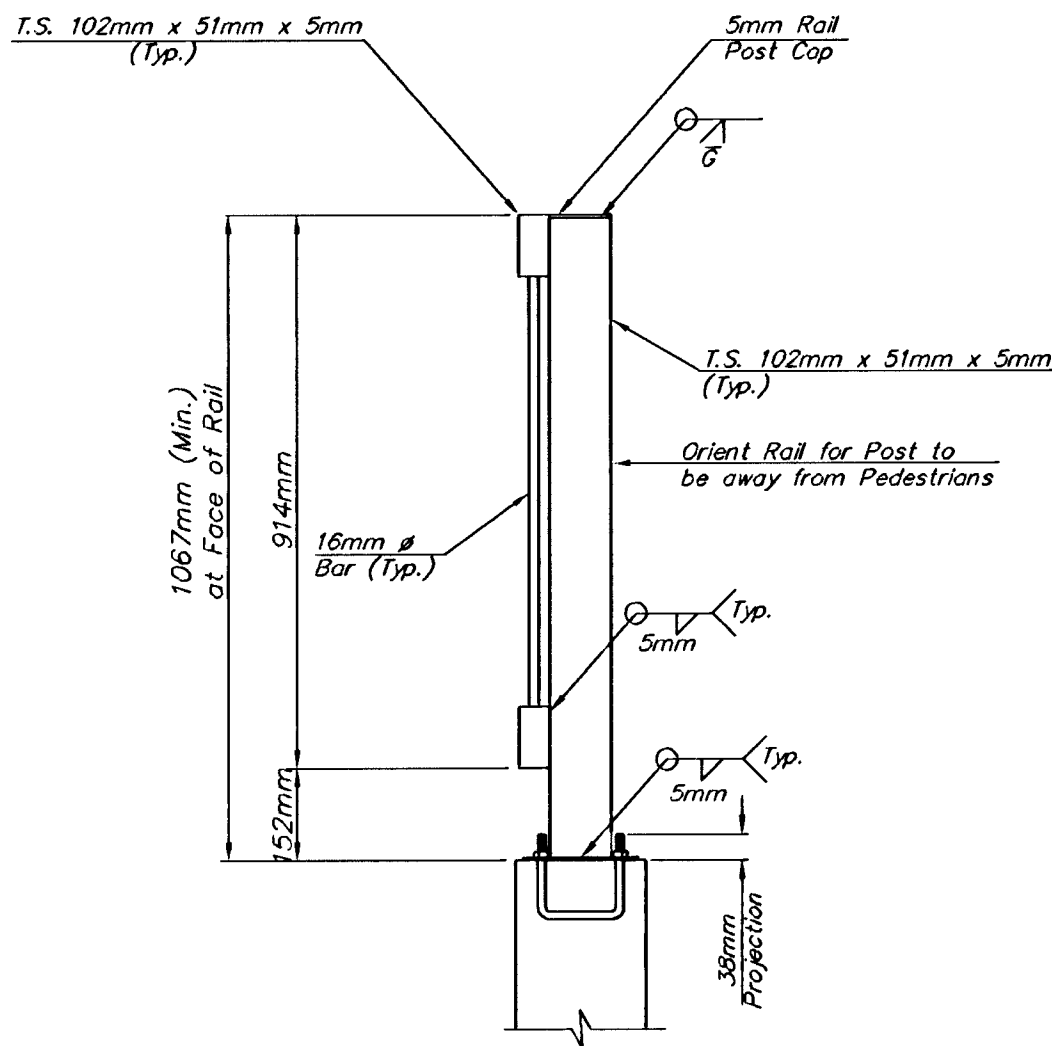
FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87-N-0335-01	2002	8	47



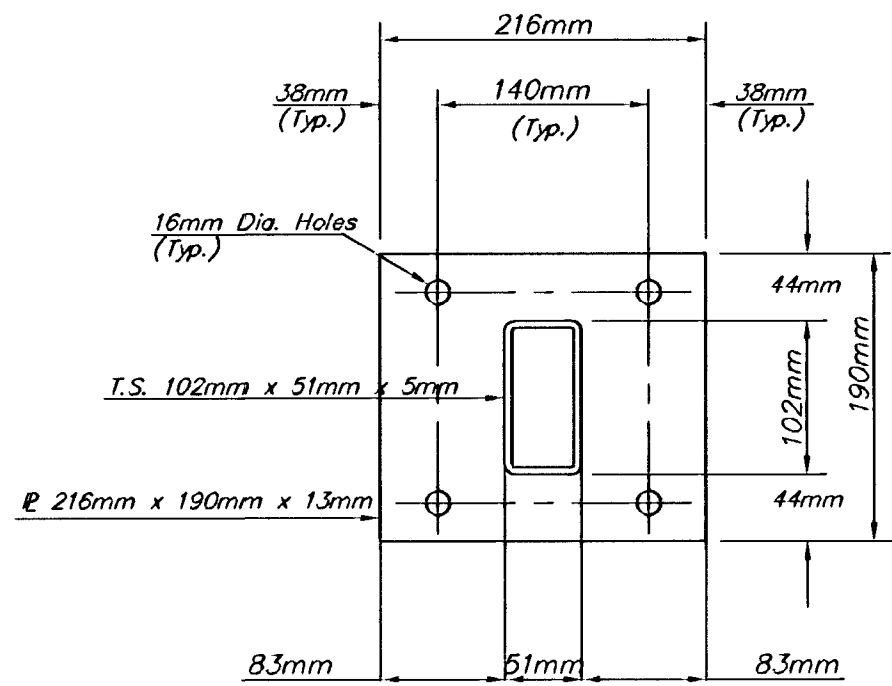
HANDRAIL DETAIL



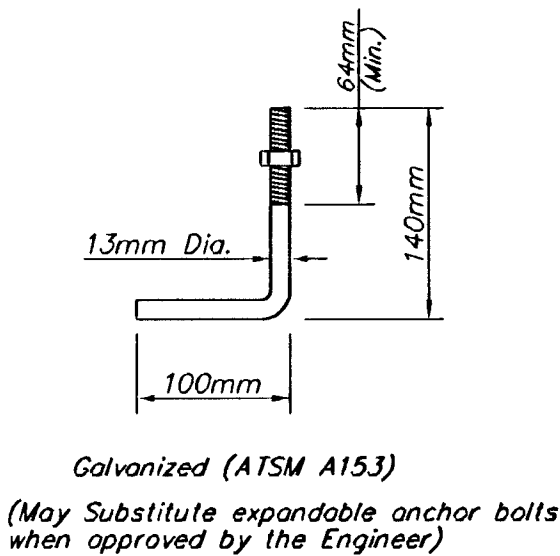
WALL SIDE VIEW
(1-5 Panel Rail Required)
(1-10 Panel Rail Required)



SECTION A-A



BASE PLATE
18 Required



ANCHOR BOLT

Orient to provide min. 51mm edge clearance to either wall face or adjacent bolts

GENERAL NOTES

The horizontal members of the rail and posts shall be hollow structural tubing. All structural steel and tubing shall comply to A.S.T.M. Designation A36 or A500 Grade B respectively.

Rail shall be fabricated in lengths as shown.

Posts and bars shall be set vertical and shimmed if required.

The handrail shall be painted shop and field with an inorganic zinc-vinyl paint system complying with the Standard Specifications for State Road and Bridge Construction, 1990 Edition Kansas Department of Transportation.

Material and construction shall conform to the Structural Welding Code A.W.S. D1.1-88.

Shop details must be submitted and approved by the Engineer.



PROJECT NUMBER 472-83799			SHEET NAME Handrail		ENGINEERING DIRECTORY F:\Eng\LinMchn\Details	
DESIGN TCA	DRAWN TCA	APPROVED JFB	DATE July 2003	SCALE None	BAUGHMAN NO 01 03 E944	

CAPITAL IMPROVEMENT PROJECT HANDRAIL DETAIL LINCOLN AND MCLEAN INTERSECTION IMPROVEMENTS	
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BAUGHMAN COMPANY, P.A. ENGINEERING, SURVEYING, & PLANNING 316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211	
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SHEET 8 OF 47
