** - UPPER CROSS GIRDER: 8

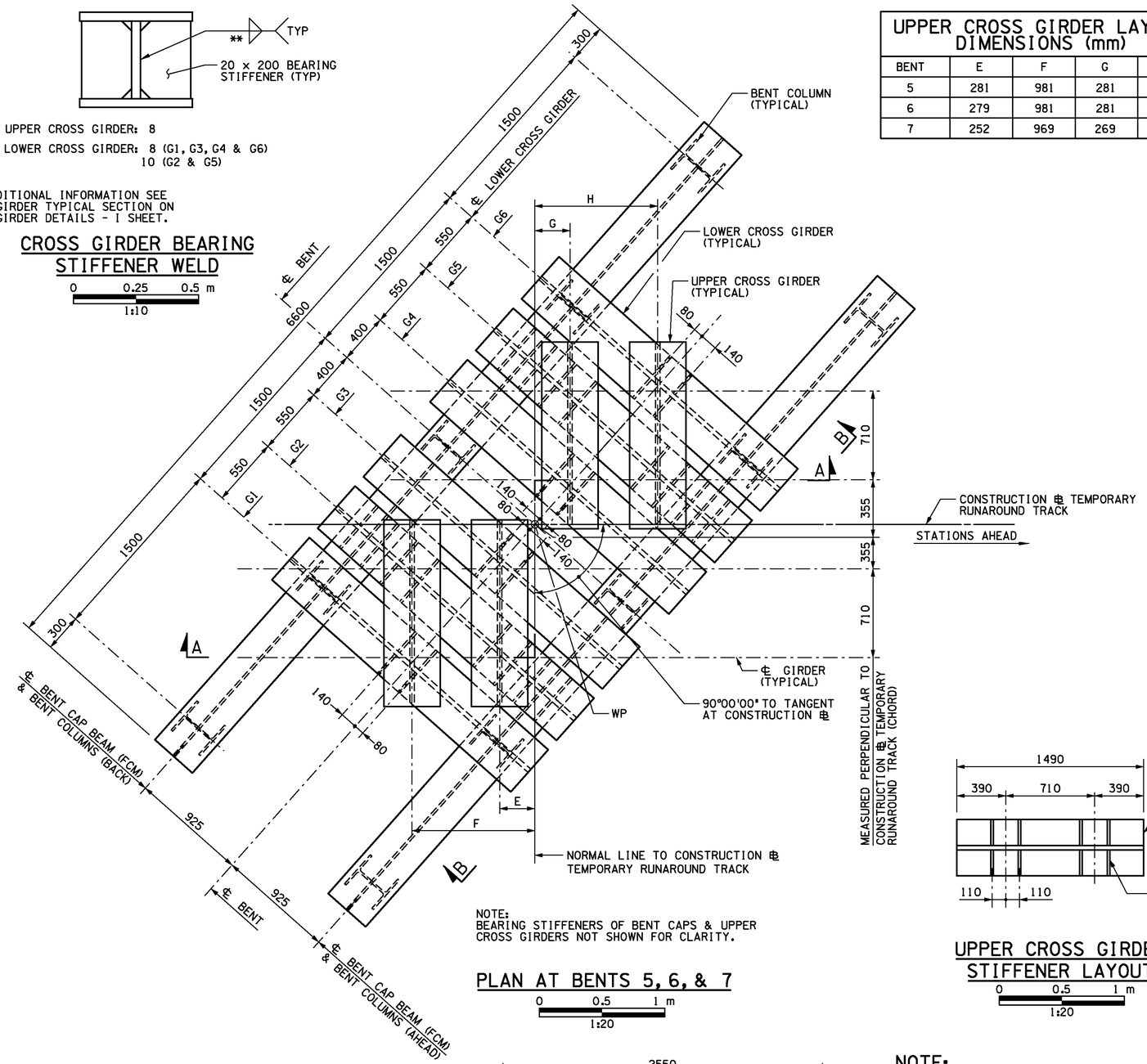
LOWER CROSS GIRDER: 8 (G1, G3, G4 & G6)
10 (G2 & G5)

NOTE:
FOR ADDITIONAL INFORMATION SEE
CROSS GIRDER TYPICAL SECTION ON
CROSS GIRDER DETAILS - I SHEET.

CROSS GIRDER BEARING STIFFENER WELD

0 0.25 0.5 m
1:10

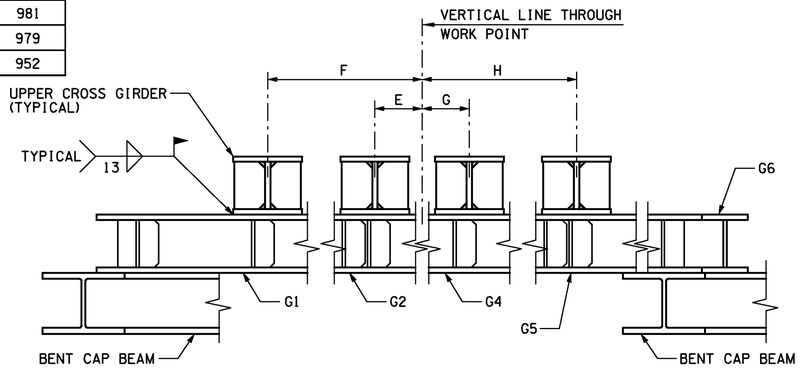
UPPER CROSS GIRDER LAYOUT DIMENSIONS (mm)				
BENT	E	F	G	H
5	281	981	281	981
6	279	981	281	979
7	252	969	269	952



NOTE:
BEARING STIFFENERS OF BENT CAPS & UPPER CROSS GIRDERS NOT SHOWN FOR CLARITY.

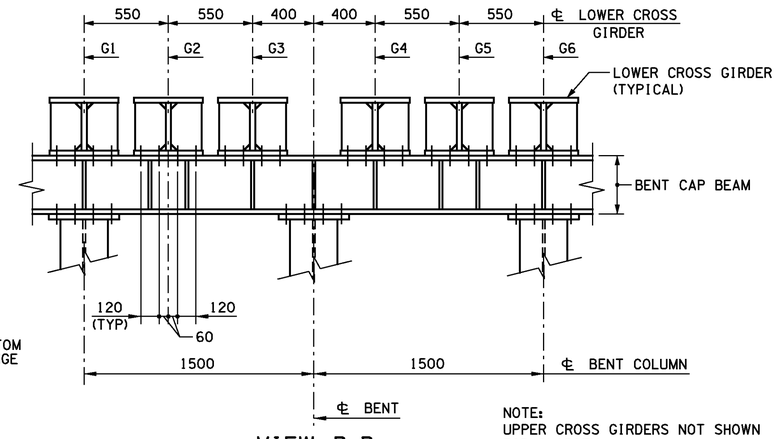
PLAN AT BENTS 5, 6, & 7

0 0.5 1 m
1:20



SECTION A-A

0 0.5 1 m
1:20

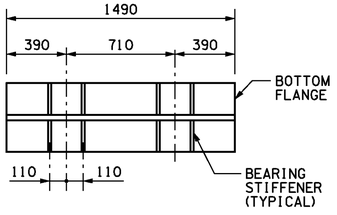


NOTE:
UPPER CROSS GIRDERS NOT SHOWN FOR CLARITY.

VIEW B-B

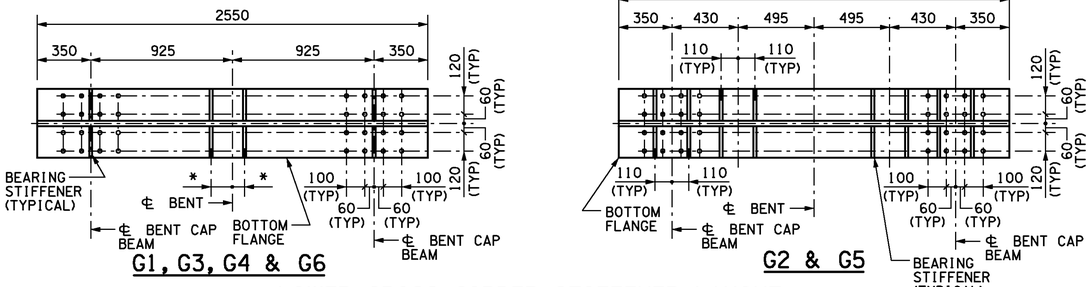
(AT BENT 6 SHOWN; AT BENT 5 AND 7 SIMILAR)

0 0.5 1 m
1:20



UPPER CROSS GIRDER STIFFENER LAYOUT

0 0.5 1 m
1:20



* FOR DIMENSIONS, SEE PLAN AT BENTS 5, 6, & 7 THIS SHEET.

LOWER CROSS GIRDER STIFFENER LAYOUT

0 0.5 1 m
1:20

NOTE:

1. MEMBERS OR ELEMENTS OF MEMBERS INDICATED AS FCM ARE FRACTURE CRITICAL MEMBERS SUBJECTED TO THE REQUIREMENTS INDICATED IN GENERAL NOTES.

Mark	Description	By	Chk'd.	Recm'd.	Date
	REVISIONS				

SR 0309 PREVIOUSLY KNOWN AS LR 782

PREPARED BY:
GANNETT FLEMING, INC.
Valley Forge, PA

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
BHARATKUMAR V. PATEL
ENGINEER
48752-R

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

MONTGOMERY COUNTY
SR 0309 SEC 103

SEG 0150 OFF 302 NB SEG 0151 OFF 302 SB
NORFOLK SOUTHERN RAILWAY (MILEPOST MV 24.09)
OVER SR 0309 STA 8+671.276
TEMPORARY RUNAROUND TRESTLE BRIDGE
CROSS GIRDER DETAILS - II

Recommended JUNE 02, 2004

SHEET 31 OF 77

S-25417

DESIGNED: BJG
DRAWN: CTD
CHECKED: YWL

FILE: g:\rte309\struct\nsvrunarndbrldge\rnsgd04.dgn
DATE: 10-May-2004 11:21