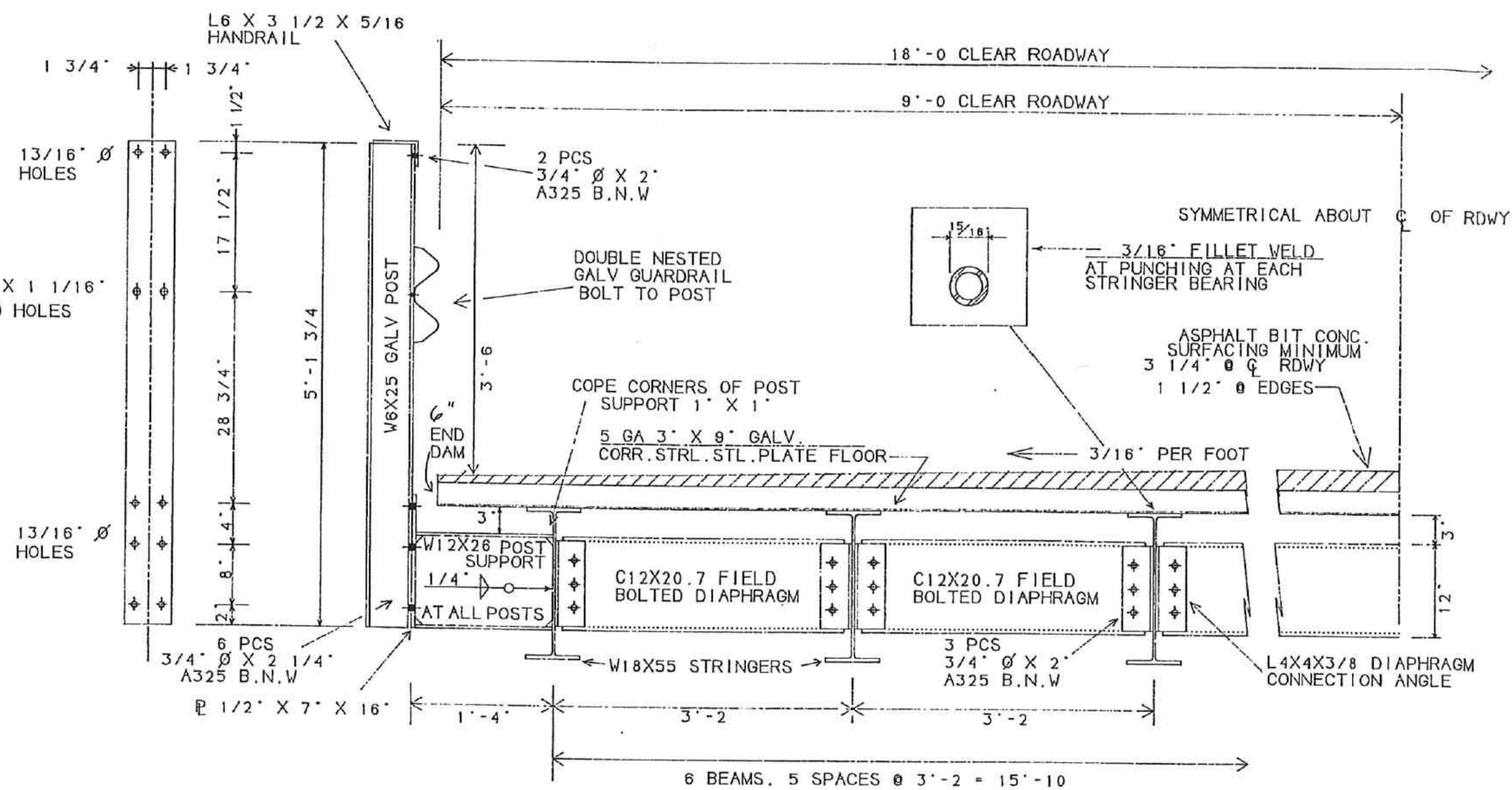
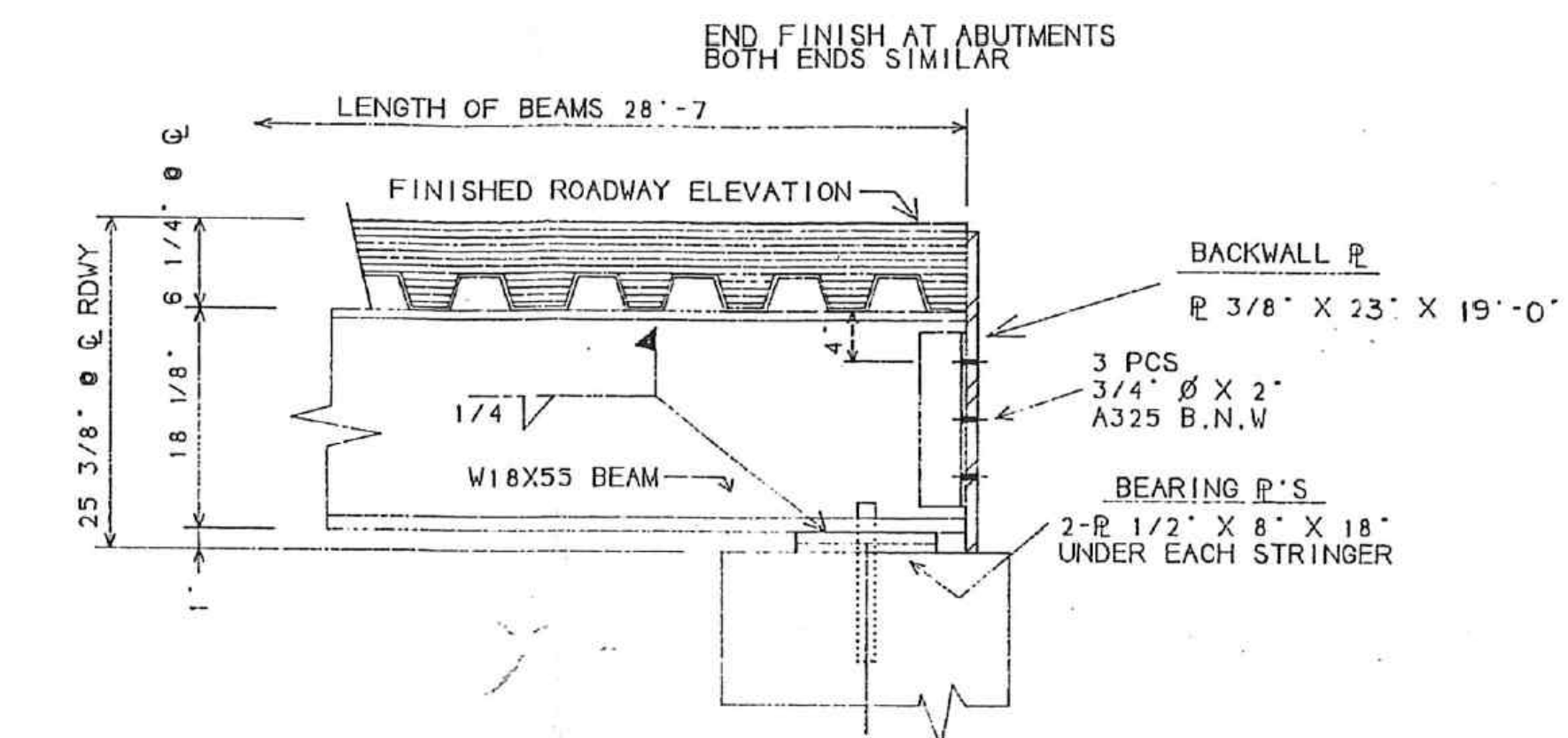
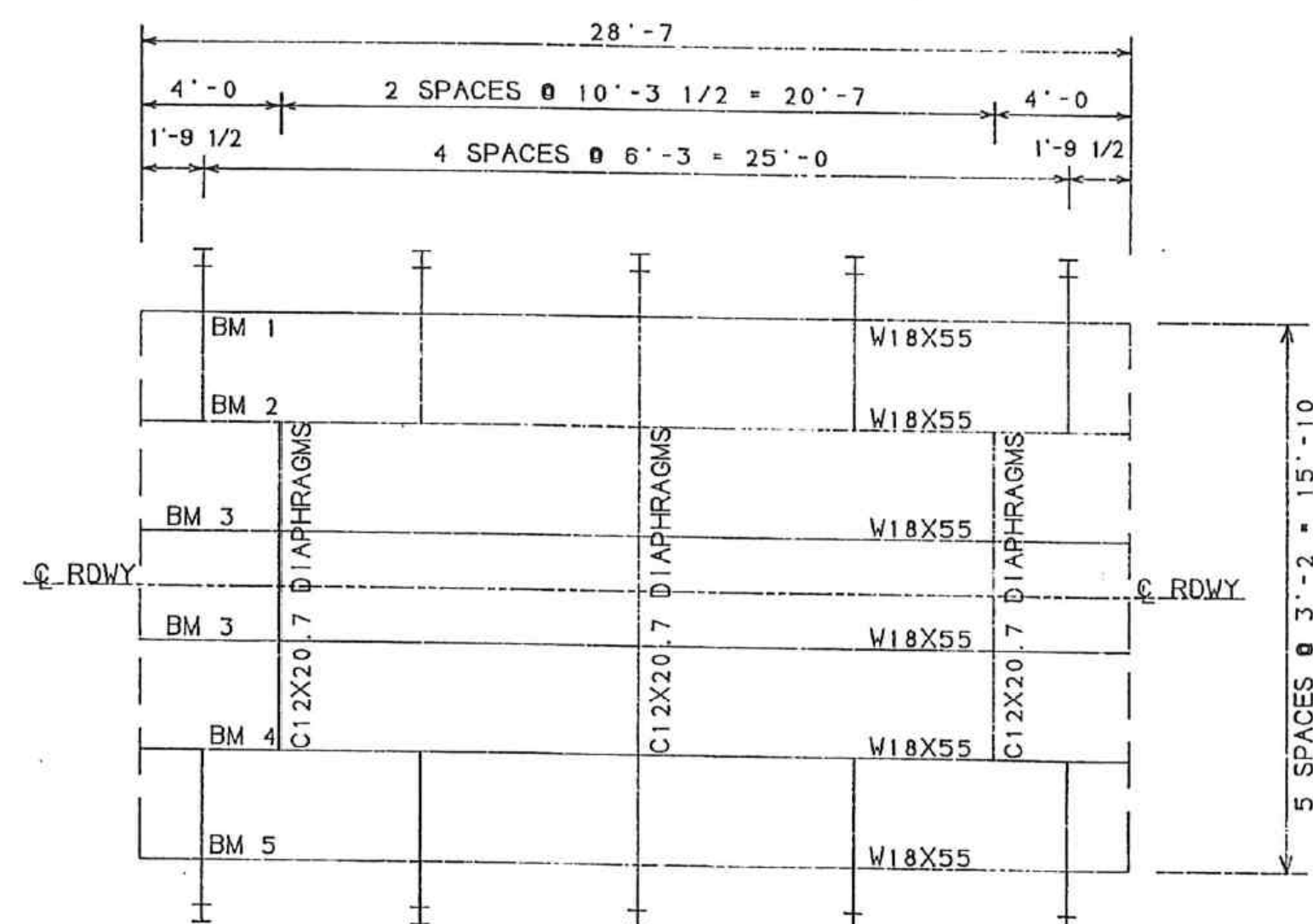




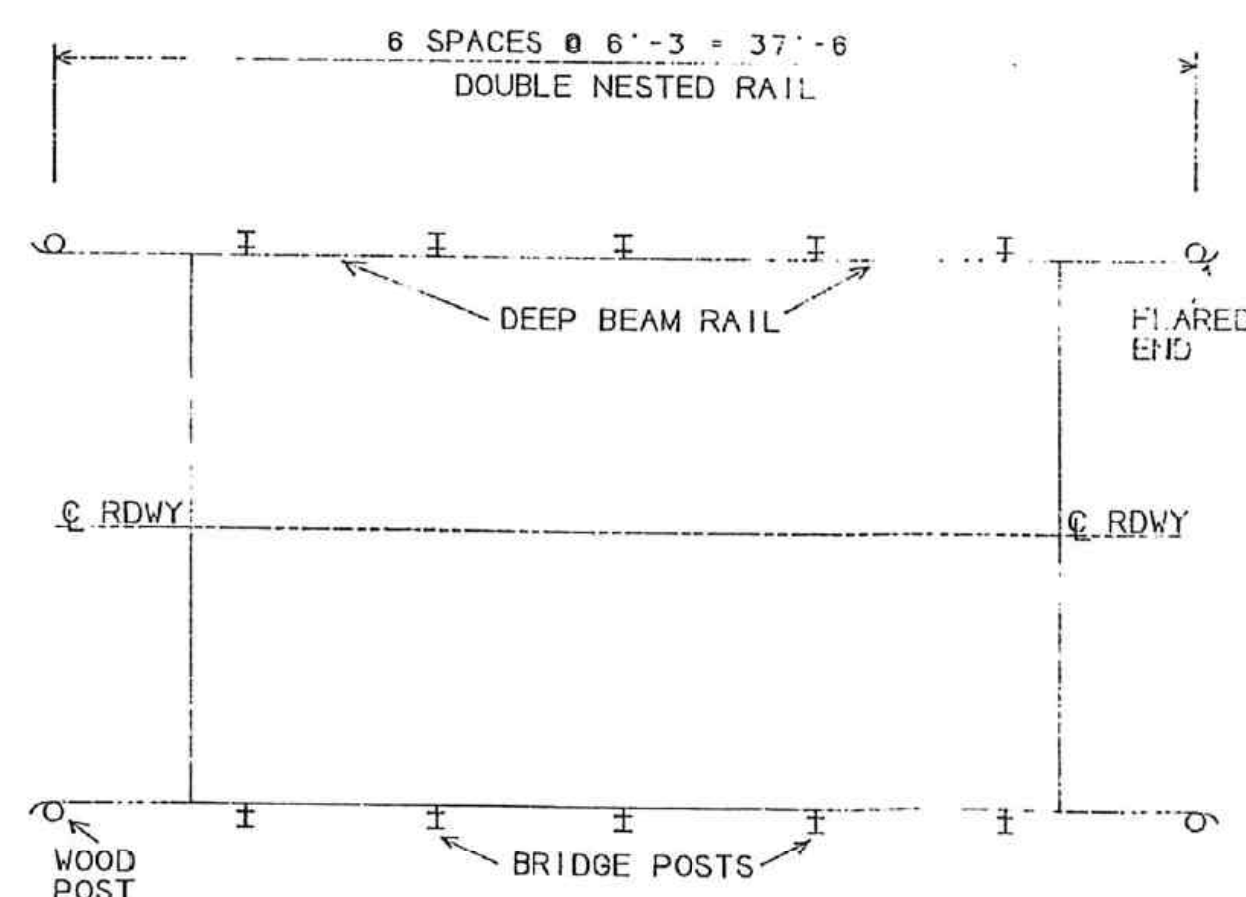
PART ROADWAY SECTION



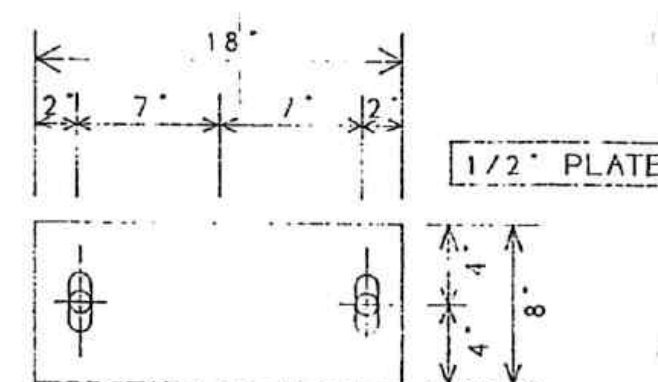
DETAIL AT ABUTMENT



FRAMING PLAN



GUARDRAIL LAYOUT



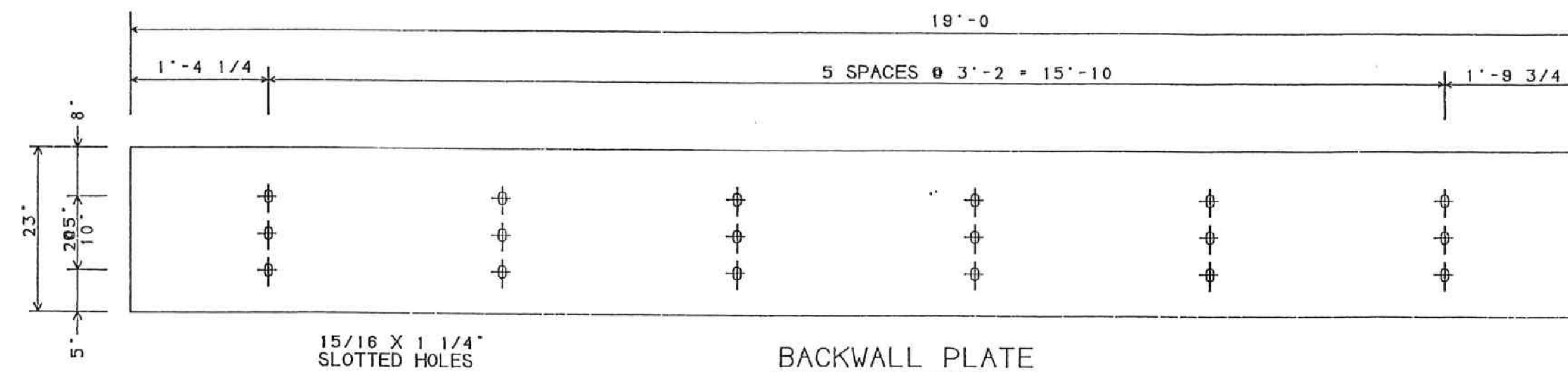
BEARING PLATE DETAIL

- FIXED END**
- 6 PLATES WITH 1 1/8" Ø HOLES - TOP PLATES
 - 6 PLATES WITH 1 1/8" Ø HOLES - BOTTOM PLATES
- EXPANSION END**
- 6 PLATES WITH 1 1/8" X 3" SLOTTED HOLES - TOP PLATES
 - 6 PLATES WITH 1 1/8" Ø HOLES - BOTTOM PLATES

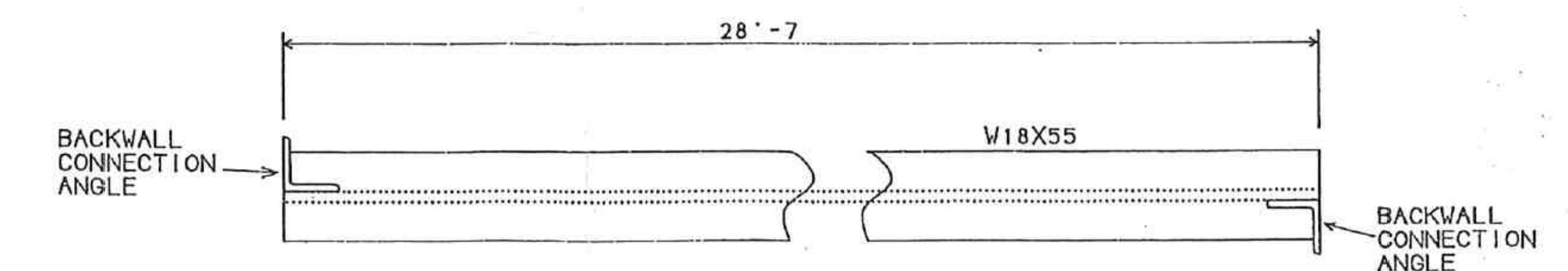
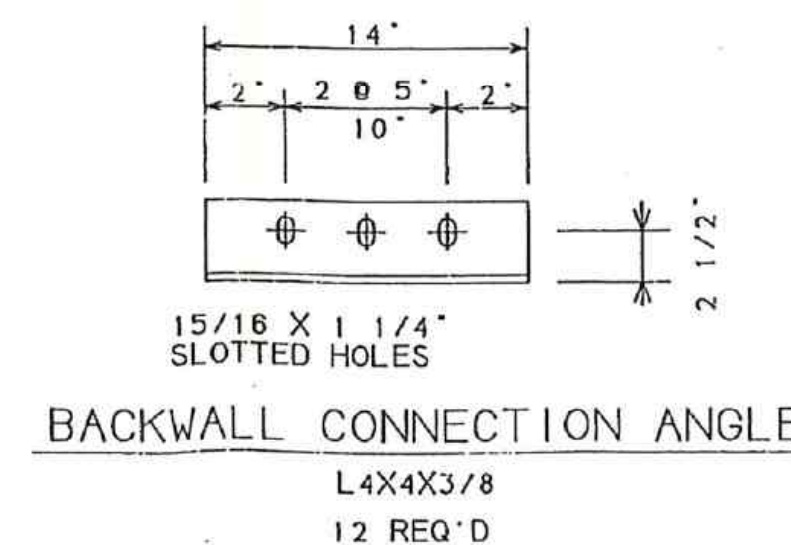
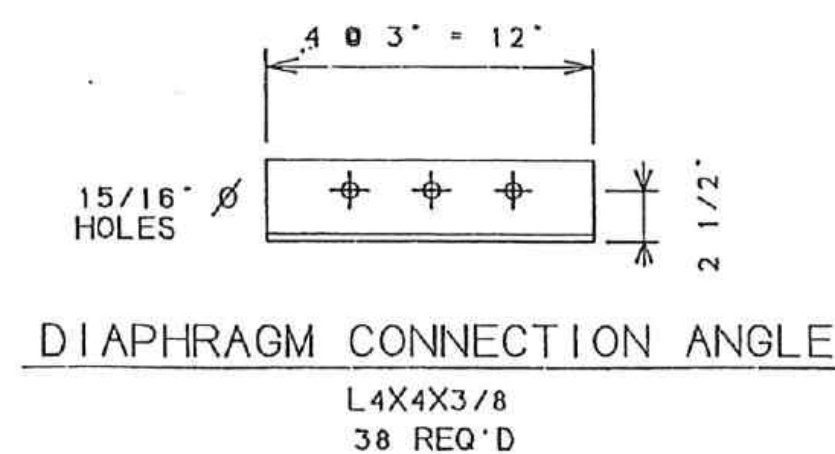
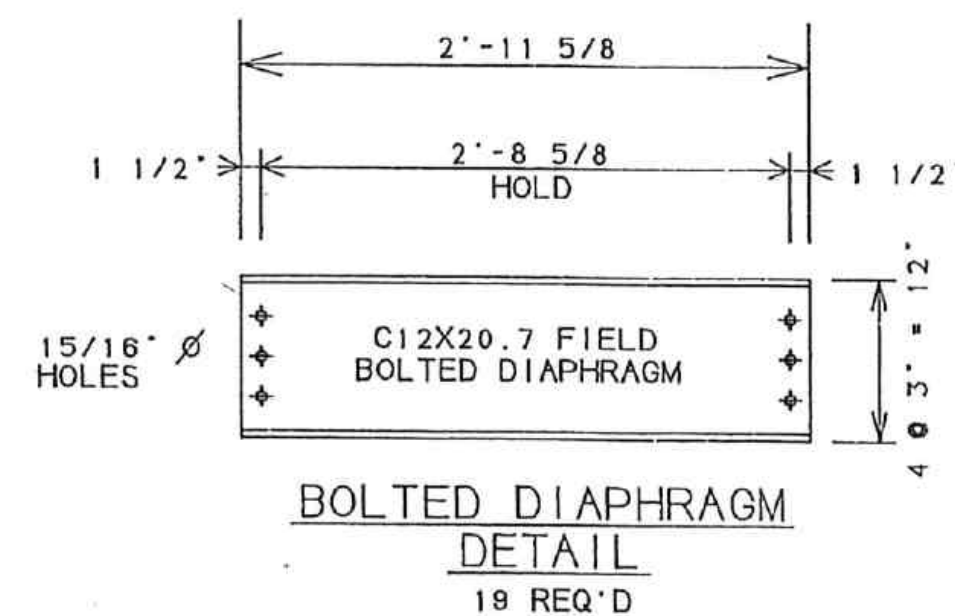
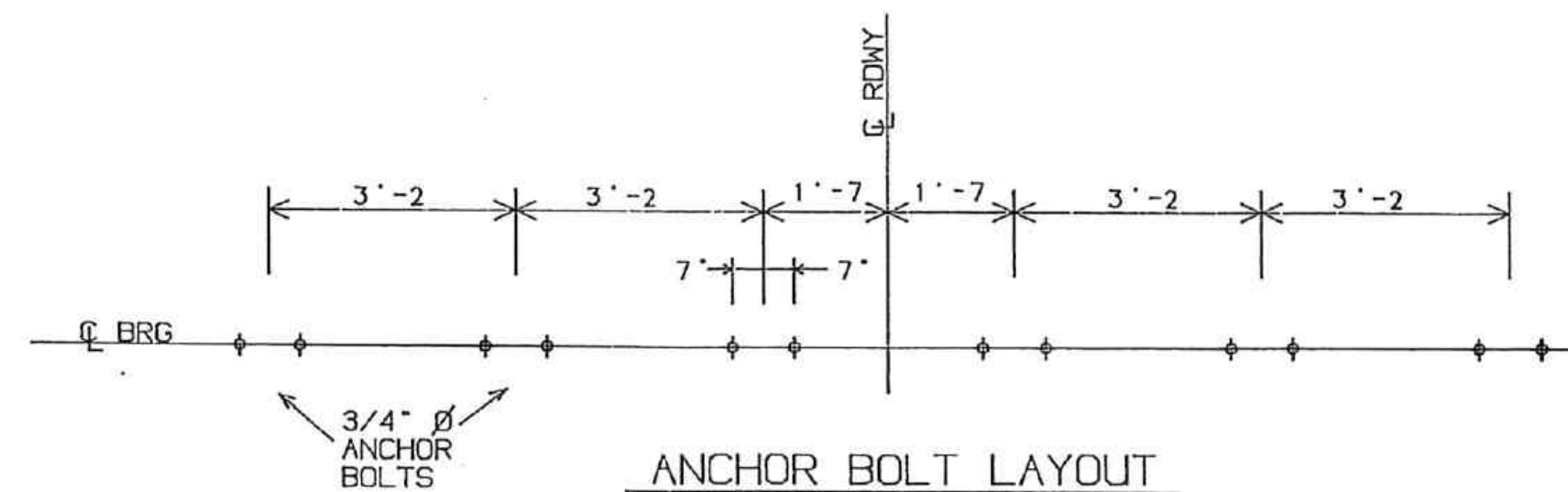
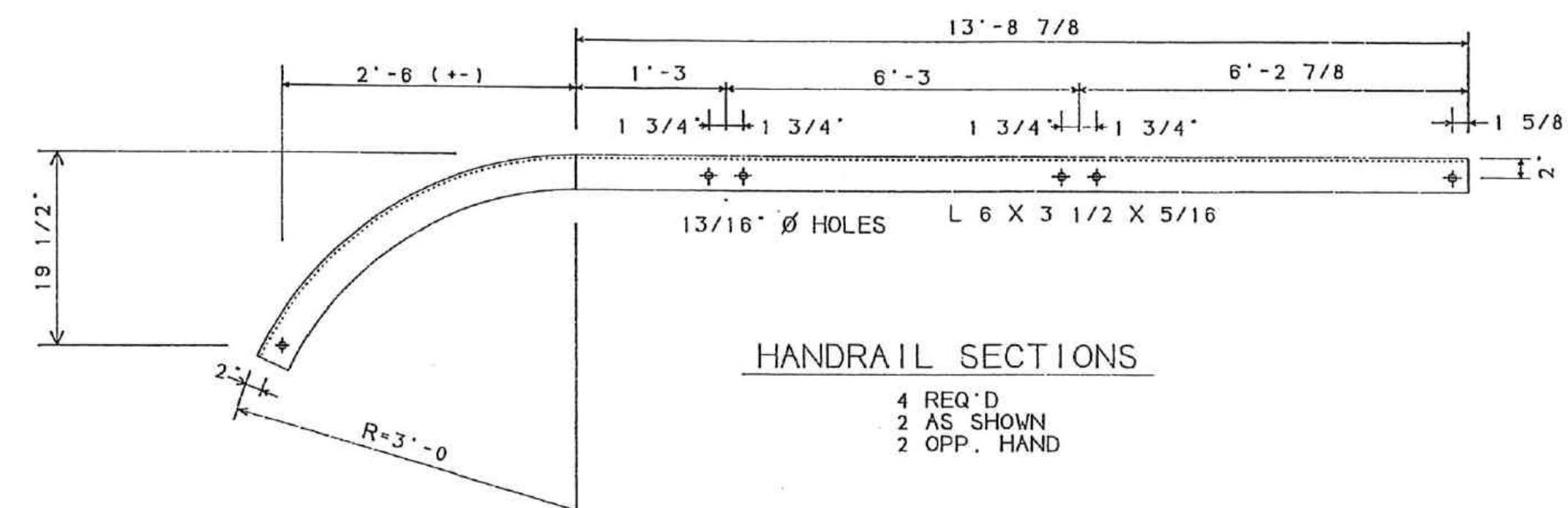
- GENERAL NOTES**
- ALL STEEL BEAM BRIDGE
 - BRIDGE DESIGNED IN COMPLIANCE WITH AASHTO HS-20-44 LOADING
 - ALL SUPERSTRUCTURE STRUCTURAL STEEL ASTM A572 GR 50 GALVANIZED STEEL
 - ALL WELDING PERFORMED IN COMPLIANCE WITH AMERICAN WELDING SOCIETY SPECIFICATIONS AND ACCOMPLISHED WITH ELECTRODE CLASS E7028
 - 5 GA 3" X 9" GALVANIZED CORRUGATED ASTM A-570 STEEL PLATE FLOOR WITH EDGE DAMS SECTION MODULUS 3.288 IN³/FT DECK LAYING WIDTH TO BE 18"
 - 12 GAGE DEEP BEAM GUARDRAIL GALVANIZED RAIL AND HARDWARE ONLY
 - ALL STRUCTURAL BOLTS TO BE ASTM A325 TYPE 1 GALVANIZED UNLESS OTHER NOTED

NO	DATE	REVISIONS	BY	28'-7" BEAM BRIDGE	18' ROADWAY WIDTH
				BOSWORTH ROAD	
				POMFRET, CONNECTICUT	
				DESIGN SAF	DRAWN SAF
				CHECK/DATE	DATE APR. 18, 2000
				DRAWING NO. BOSWORTH	SHEET 1 OF 2

FOR INFORMATION ONLY



3/8" PLATE
2 REQ'D



MATERIAL SCHEDULE	
QUANTITY	DESCRIPTION
1 EA 2 TOTAL	BEAMS 1 AND 5 - W18X55 - 28'-7" WITH 5 POST SPTS., 5 DIAPHRAGM ANGLES, AND 2 BACKWALL CONNECTION ANGLES
1 EA 2 TOTAL	BEAMS 2 AND 4 - W18X55 - 28'-7" WITH 8 DIAPHRAGM ANGLES AND 2 BACKWALL CONNECTION ANGLES
2 EA	BEAMS 3 - W18X55 - 27'-7" WITH 6 DIAPHRAGM ANGLES AND 2 BACKWALL CONNECTION ANGLES
10 EA	POSTS - W6X25 - 5'-1 3/4"
18 EA	DIAPHRAGMS - C12X20.7 - 2'-11 5/8"
2 EA	BACKWALL PLATE - PL 3/8" X 23" X 19'-0"
24 EA	BEARING PLATE - PL 1/2" X 8" X 18"
18 PCS	5 GA 3"X8" GALV CORRUGATED DECK - 18'-0"
4 EA	L6 X 3 1/2 X 5/16 HANDRAIL SECTION
12 EA	W BEAM GUARDRAIL - 12'-6"
4 EA	GUARDRAIL WOOD POST
4 EA	GUARDRAIL FLARED END
32 PCS	5/8" Ø X 1 1/4" GUARDRAIL SPLICE BOLTS (RAIL TO FLARED END)
32 PCS	5/8" Ø X 2" GUARDRAIL SPLICE BOLTS (DBL. NESTED SPLICE)
10 PCS	5/8" Ø X 2" GUARDRAIL POST BOLT
4 PCS	5/8" Ø X 10" GUARDRAIL WOOD POST BOLT
184 PCS	3/4" Ø X 2" A325 TYPE 1 GALVANIZED BOLT, NUT AND WASHER
70 PCS	3/4" Ø X 2 1/4" A325 TYPE 1 GALVANIZED BOLT, NUT AND WASHER
24 PCS	3/4" Ø X 16" GALVANIZED ANCHOR BOLT WITH NUT AND WASHER

NO	DATE	REVISIONS	BY	28'-7" BEAM BRIDGE	18' ROADWAY WIDTH
				BOSWORTH ROAD	
				POMFRET, CONNECTICUT	
				DESIGN SAF	DRAWN SAF
				CHECK/DATE	DATE MAY 21, 1997
				DRAWING NO. BOSWORTH	SHEET 2 OF 2

FOR INFORMATION ONLY

SIGNATURE BLOCK:

DESIGNER/DRAFTER: A. BISI

CHECKED BY: M. HABEK



PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK

TOWN(S):

POMFRET

DRAWING TITLE:

EXISTING DRAWING - 2

PROJECT NO.:

0111-0127

DRAWING NO.:

S-03

SHEET NO.:

06.03

LASTED SAVED BY: abisi

FILE NAME: c:\pwword\benesch projects\projects\d0254439\S8_C8_0111_0127_FIO.dgn

PLOTTED DATE: 3/31/2026