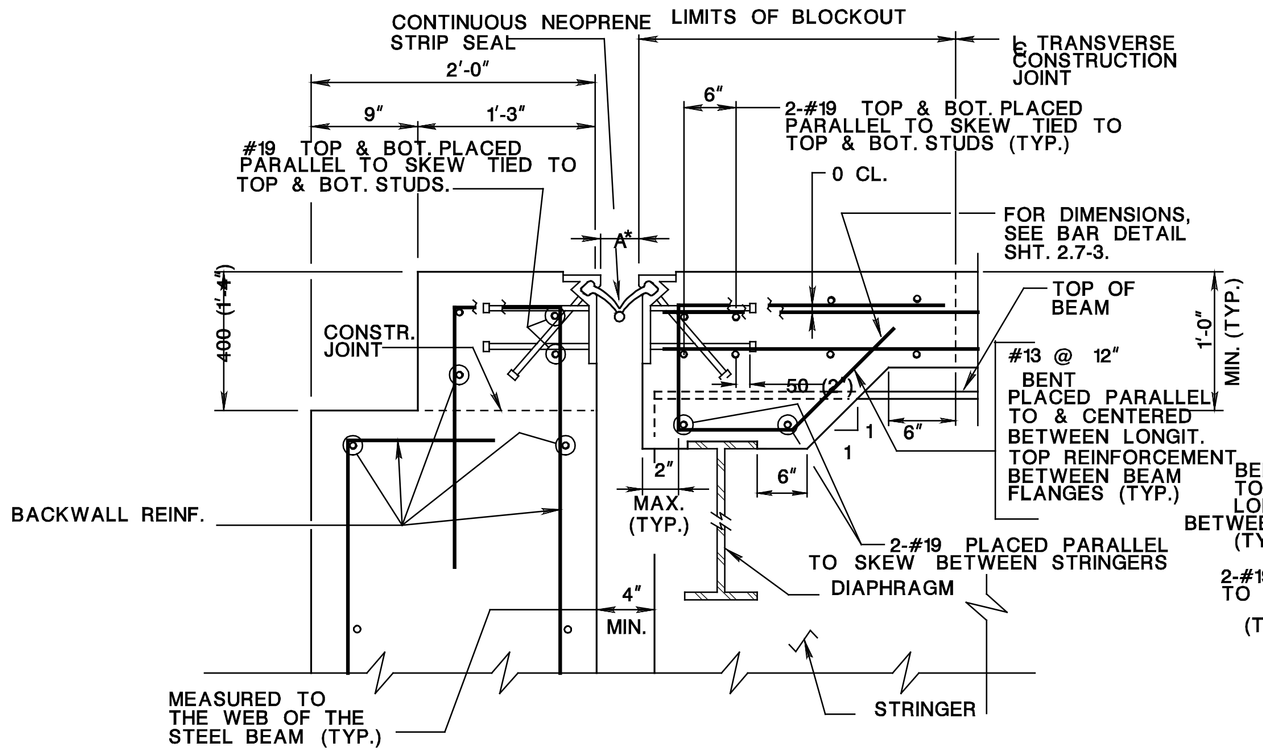
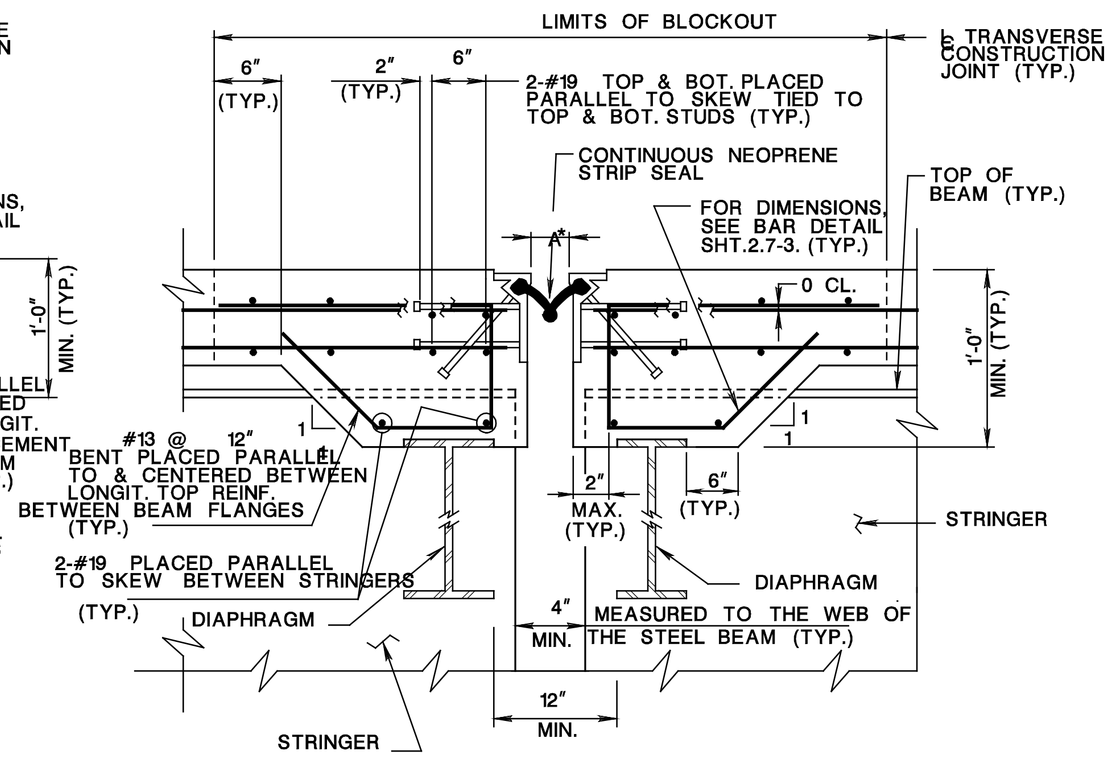
STATE	FEDERAL PROJECT NO.	SHEET	TOTAL SHEETS
N. J.			
STRUCTURE NO.			



TYPICAL SECTION AT ABUTMENT

FIXED & EXPANSION

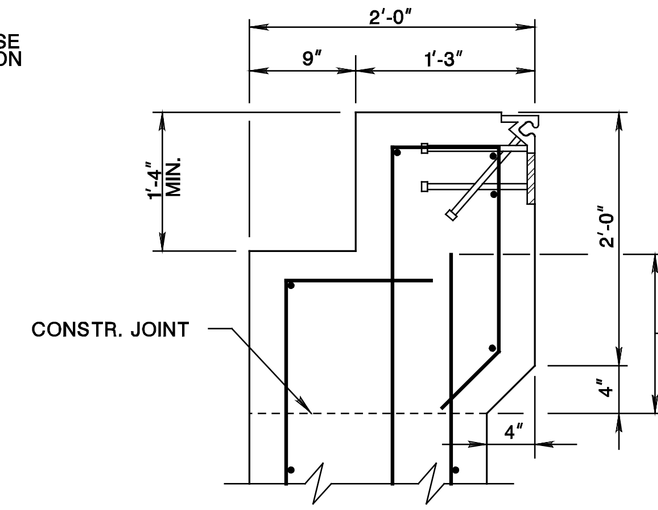
FOR STEEL BEAMS



TYPICAL SECTION AT PIER

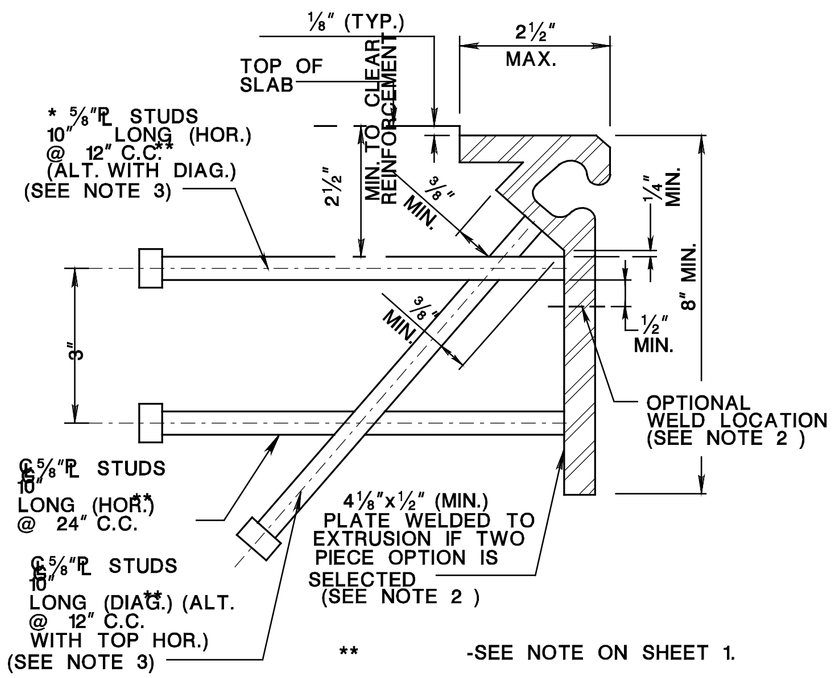
FIXED & EXPANSION

FOR STEEL BEAMS



OPTIONAL BACKWALL

NOTE:
FOR ADDITIONAL DETAILS SEE TYPICAL SECTION AT ABUTMENT.



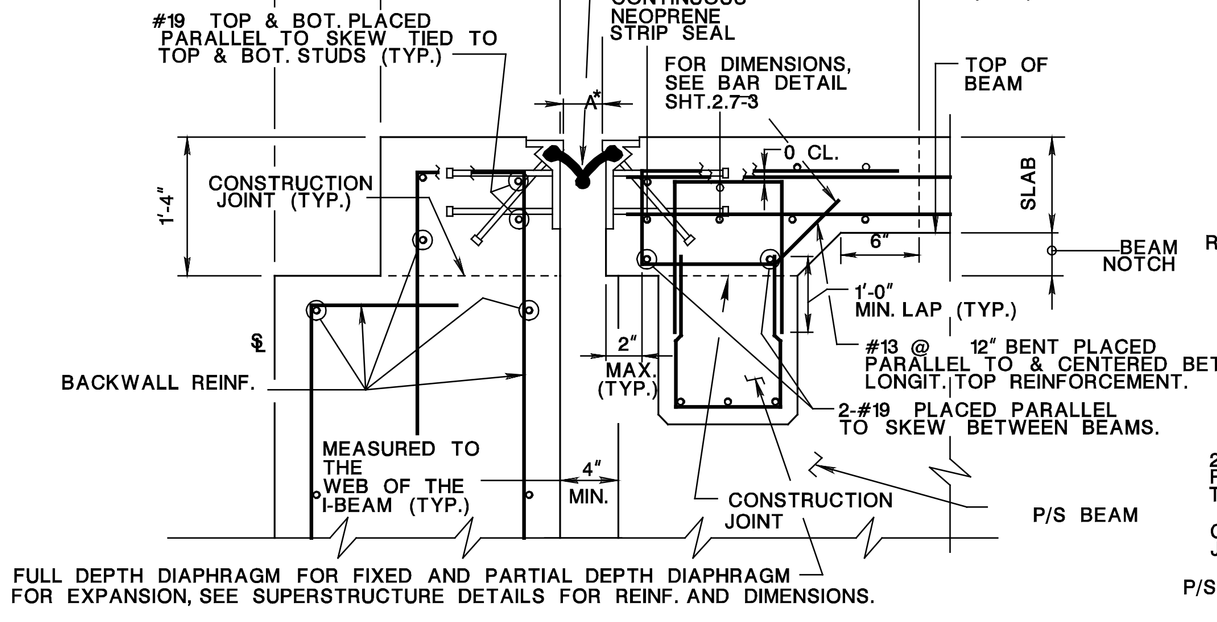
** -SEE NOTE ON SHEET 1.

EXTRUSION SCHEMATIC

EXTRUSION NOTES:

1. EXTRUSION THICKNESS ½".
2. TWO PIECE MEMBER (EXTRUSION AND PLATE COMBINATION) IN LIEU OF ONE PIECE EXTRUSION IS PERMITTED. WELD IN ACCORDANCE WITH AASHTO/AWS SPECIFICATIONS. (FULL PENETRATION WELD AND N.D.T. REQUIRED)
3. STUD SPACING IS 12" MAX.

UNLESS SPECIFIED ON AN APPROVED DETAIL.

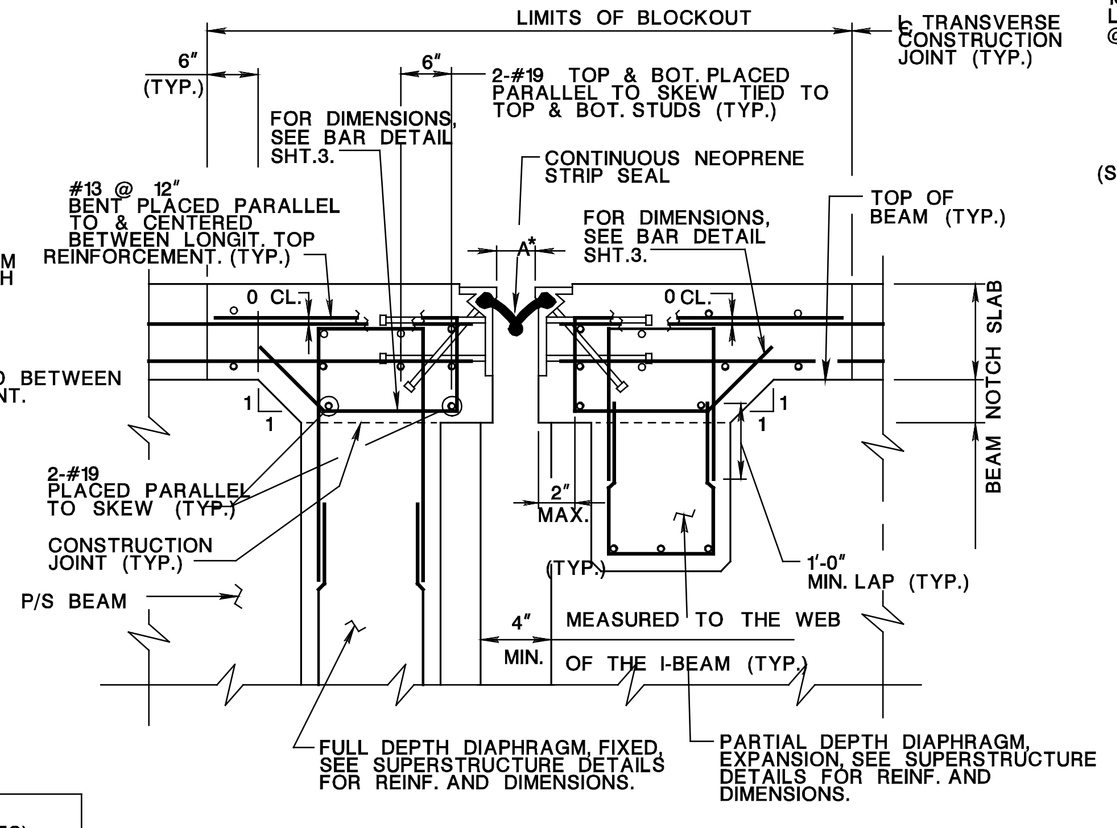


TYPICAL SECTION AT ABUTMENT

FIXED & EXPANSION

FOR P/S SPREAD BEAMS

NOTE: BOX BEAM SHOWN, I-BEAM SIMILAR



TYPICAL SECTION AT PIER

FIXED & EXPANSION

FOR P/S SPREAD BEAMS

NOTE: BOX BEAM SHOWN, I-BEAM SIMILAR.

- A, IS INSTALLATION
*WIDTH AS PER TABLE

TABLE
(INSTALLATION DIMENSION "A" @ VARIOUS TEMPERATURES)

LOCATION	TEMPERATURE (°F)	-10	-5	5	15	25	32	40	50	60	68	80	85	95	105	110

NOTE: TABLE TO BE SHOWN AND COMPLETED ON FABRICATORS SHOP DRAWINGS.

CONTROL SECTION		JOB NO.	
DES. BY		CHK. BY	
DWN. BY		CHK. BY	
EST. BY		CHK. BY	
SPECS. BY			

IN CHARGE OF

STANDARD DRAWING PLATE 2.7-2

NEW JERSEY DEPARTMENT OF TRANSPORTATION
BUREAU OF STRUCTURAL ENGINEERING

STRIP SEAL EXPANSION JOINT ASSEMBLY FOR PRESTRESSED CONCRETE & STEEL BEAM BRIDGES

ROUTE : SECTION :

MUNICIPALITY COUNTY

SCALE : NONE

BRIDGE SHEET NO. OF