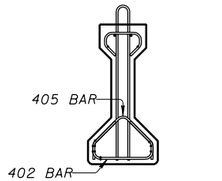
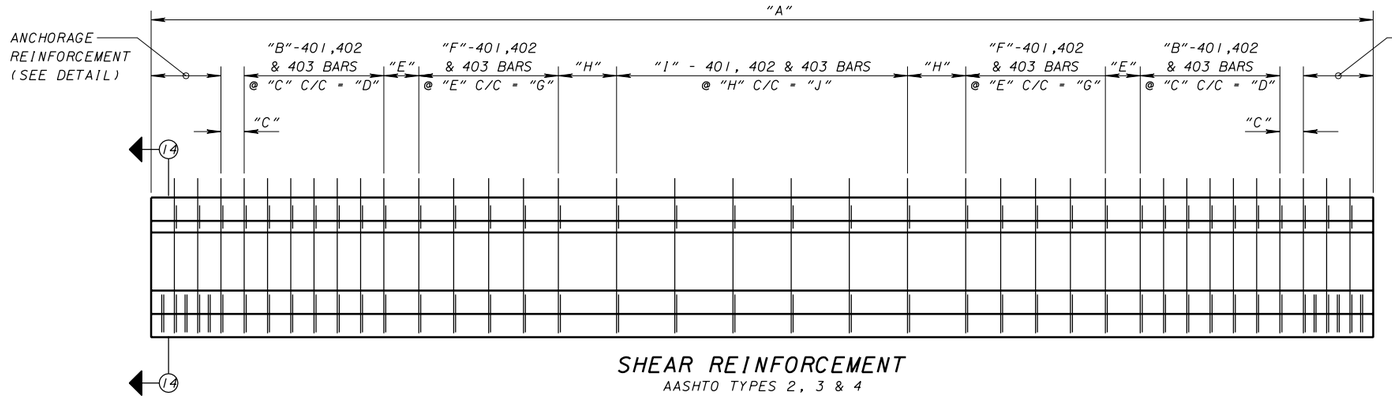
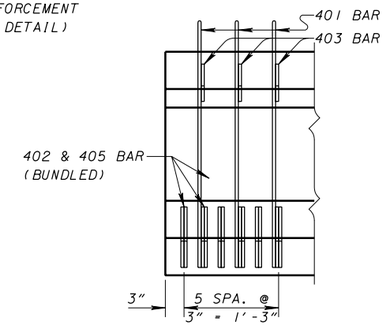


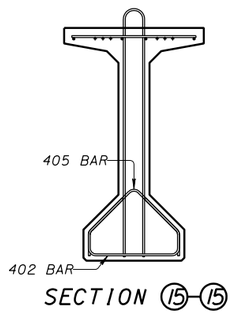
SECTION (14)-(14)



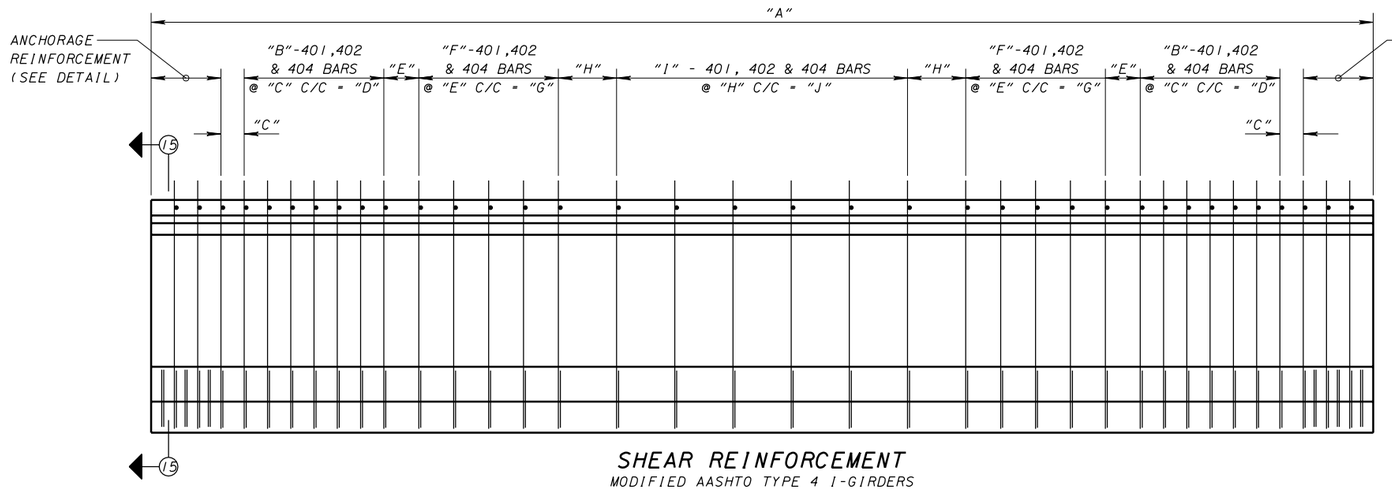
SHEAR REINFORCEMENT
AASHTO TYPES 2, 3 & 4



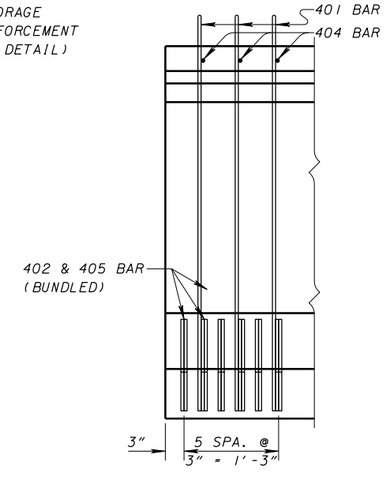
ANCHORAGE REINFORCEMENT
AASHTO TYPES 2, 3 & 4



SECTION (15)-(15)



SHEAR REINFORCEMENT
MODIFIED AASHTO TYPE 4 I-GIRDERS



ANCHORAGE REINFORCEMENT
MODIFIED AASHTO TYPE 4 I-GIRDERS

STIRRUP SPACING: *A SUGGESTED ARRANGEMENT FOR STIRRUP SPACING IS SHOWN. THE DESIGNER HAS THE OPTION OF USING AN ALTERNATE ARRANGEMENT IF IT IS MORE EFFICIENT.*

BEAM DIMENSIONS

BEAM MARK	NO. REQ'D	DIMENSIONS										APPROXIMATE WEIGHT (LBS)
		A	B	C	D	E	F	G	H	I	J	

(COMPLETED TABLE SHALL BE REPRODUCED IN THE PROJECT PLANS.)

ANCHORAGE ZONE REINFORCEMENT: THE REINFORCEMENT SHOWN IS DESIGNED TO RESIST 4 PERCENT OF A PRESTRESSING FORCE GENERATED BY THE MAXIMUM NUMBER OF ½" DIA. OVERSIZED STRANDS ALLOWED PER SECTION LOCATED IN THE BOTTOM FLANGE. THE REINFORCEMENT IS ACTING AT A UNIT STRESS EQUAL TO 20 KSI.

DESIGN AGENCY
OFFICE OF STRUCTURAL ENGINEERING

STATE OF OHIO DEPARTMENT OF TRANSPORTATION
Brad Fagnell
ADMINISTRATOR
09-07-99
DATE

REVIEWED LMW
CHECKED JS/WTL
DESIGNED SAM
DRAWN SAM

REVISIONS
10-20-00
07-19-02
07-18-03
04-20-07

STANDARD
PRESTRESSED CONCRETE I-BEAM BRIDGE DETAILS

PSID-1-99