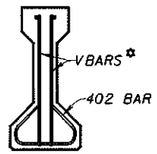
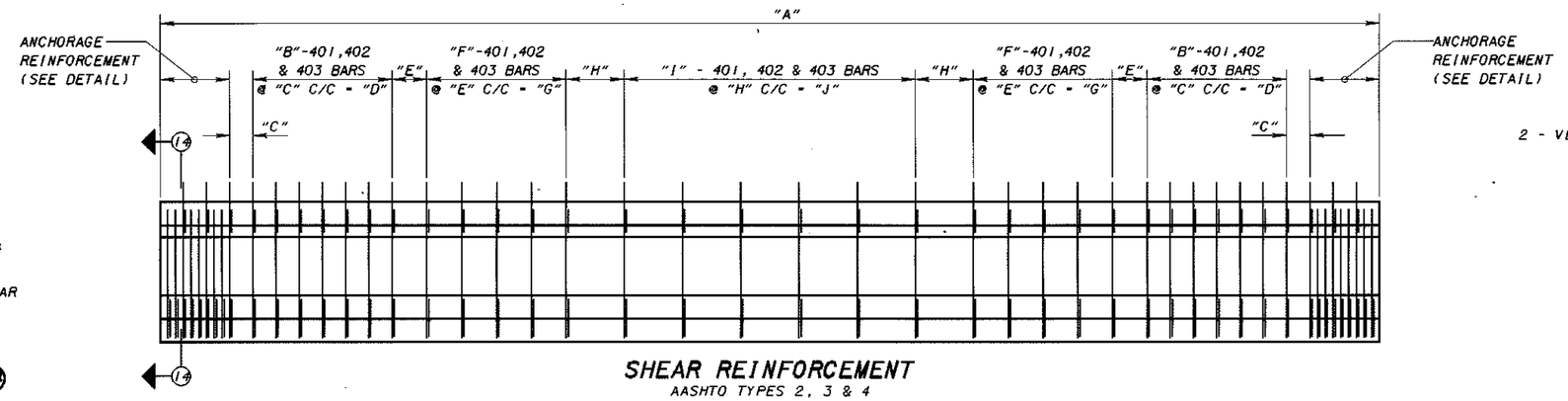
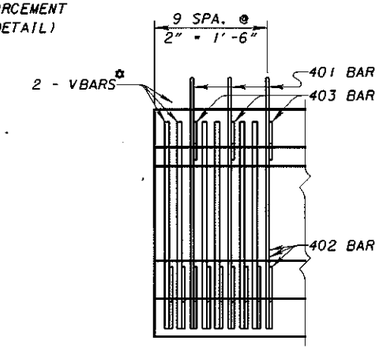


SECTION (14)-(14)



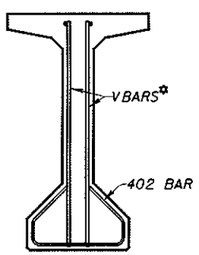
SHEAR REINFORCEMENT

AASHTO TYPES 2, 3 & 4

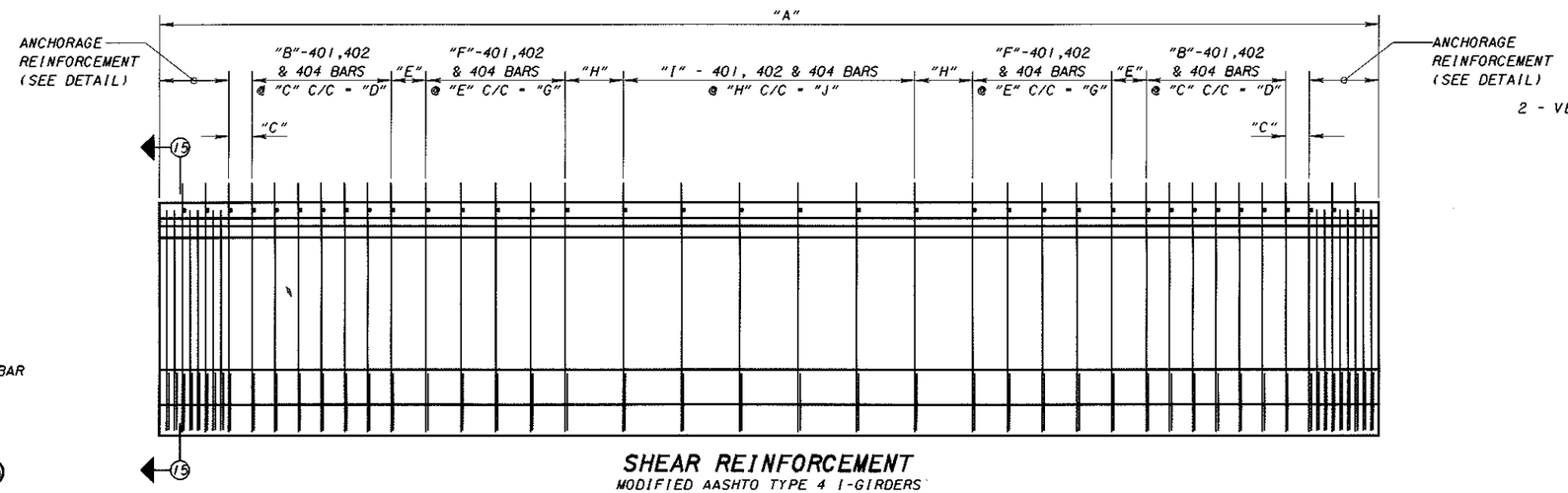


ANCHORAGE REINFORCEMENT

AASHTO TYPES 2, 3 & 4

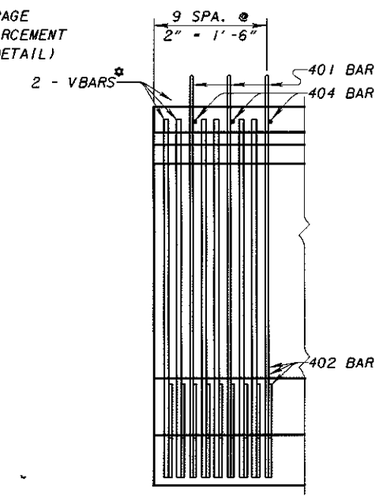


SECTION (15)-(15)



SHEAR REINFORCEMENT

MODIFIED AASHTO TYPE 4 I-GIRDERS



ANCHORAGE REINFORCEMENT

MODIFIED AASHTO TYPE 4 I-GIRDERS

BEAM HEIGHT	VBARS✡ SIZE
36"	#5
45"	#6
54"	#7
60"	#6
66"	#6
72"	#5

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 A	B	C	D	E	F	G	H	I	J	APPROXIMATE WEIGHT (LBS)

(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. 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 Fagrell — ADMINISTRATOR
09-07-99 — DATE

DESIGNED	DRAWN	CHECKED	REVIEWED
SAM	SAM	JS/WTL	LMW

REVISIONS 10-20-00

PSID-1-99

STANDARD
PRESTESSED CONCRETE I-BEAM BRIDGE DETAILS