

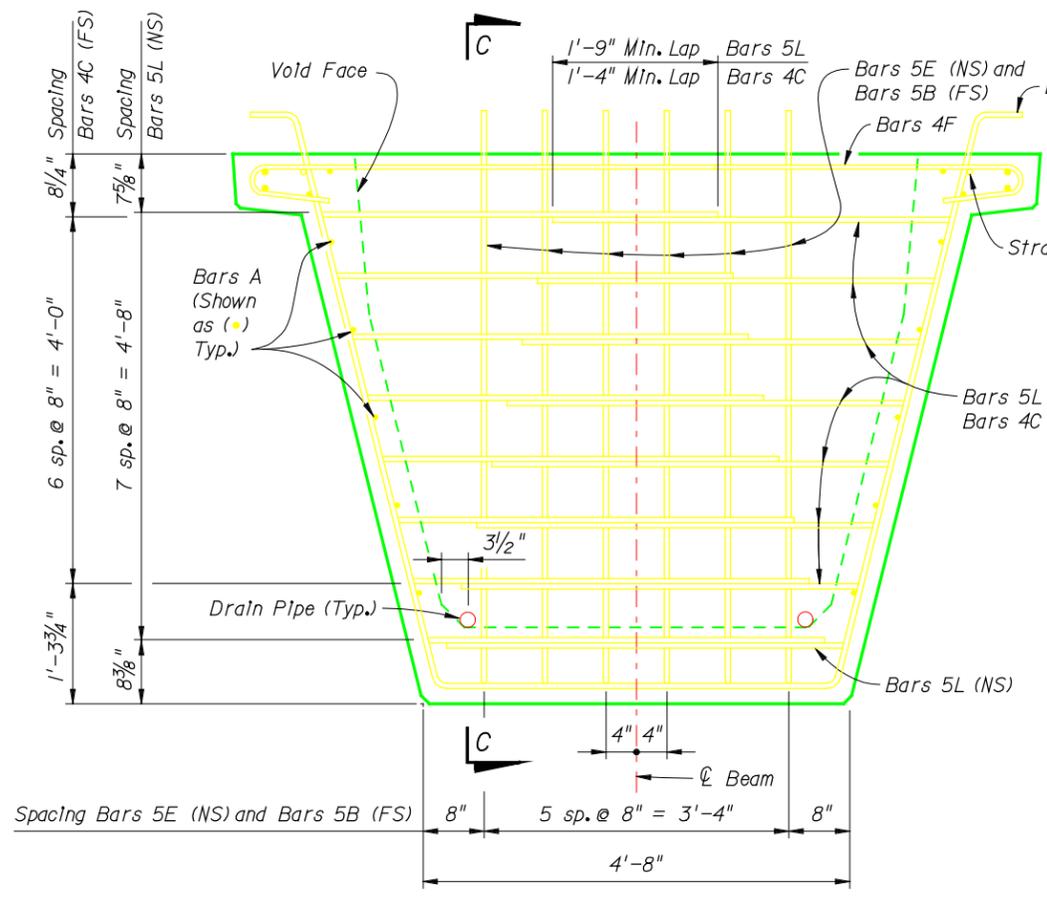
REVISIONS		REVISIONS		REVISIONS		REVISIONS	
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION	DATE	BY
02-14-01	SDO	Standard Drawing Issue Date					

DRAWN BY		CHECKED BY		DESIGNED BY		CHECKED BY		APPROVED BY	
LSM	9-00	JLF	9-00	MAS	9-00	MAI	9-00	REN	

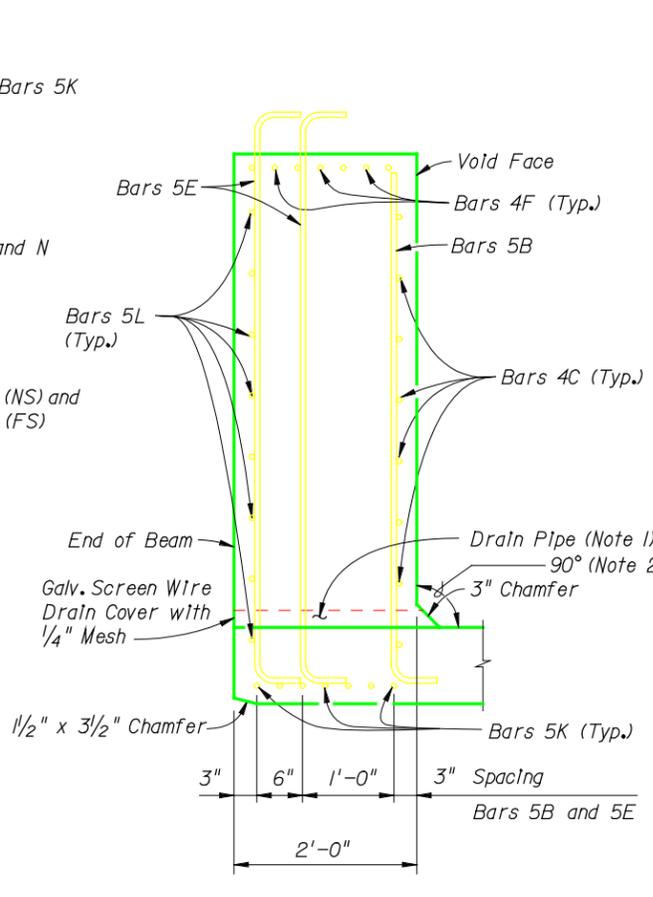
ENGINEER OF RECORD		FLORIDA DEPARTMENT OF TRANSPORTATION	
STRUCTURES DESIGN OFFICE		ROAD NO.	COUNTY
CENTRAL OFFICE		FINANCIAL PROJECT ID	
605 Suwannee Street, MS 33			
Tallahassee, Florida 32399-0450			

SHEET TITLE		PROJECT NAME	
FLORIDA U 72 BEAM - STANDARD DETAILS			
INDEX NO. 272 (DRAWING 1 OF 3)			

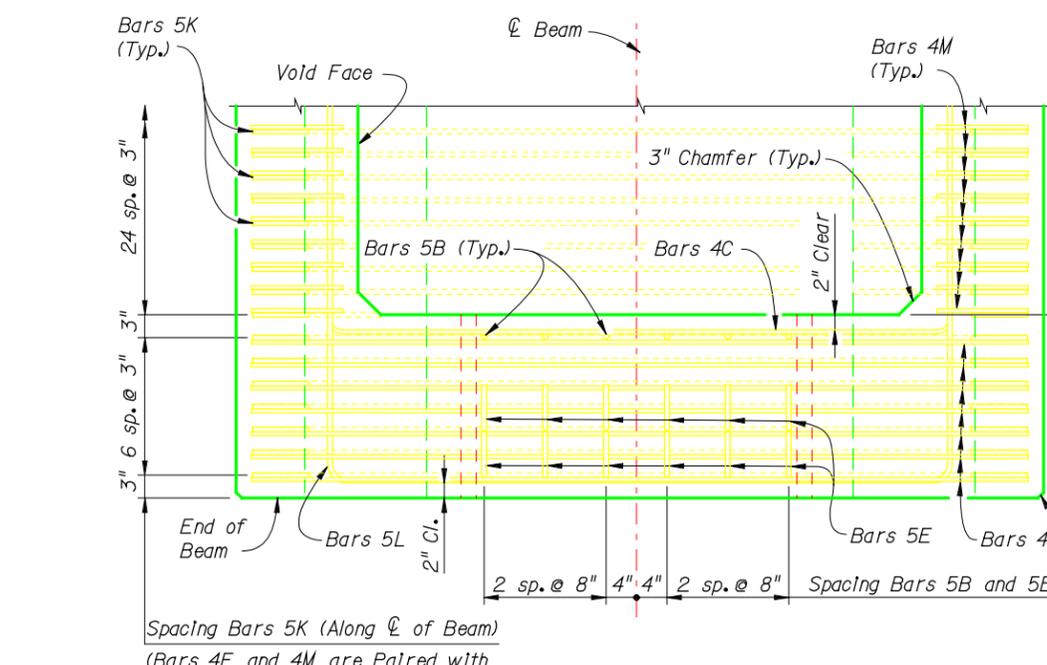
BRIDGE NO. XXXXXX



END VIEW AT END DIAPHRAGM



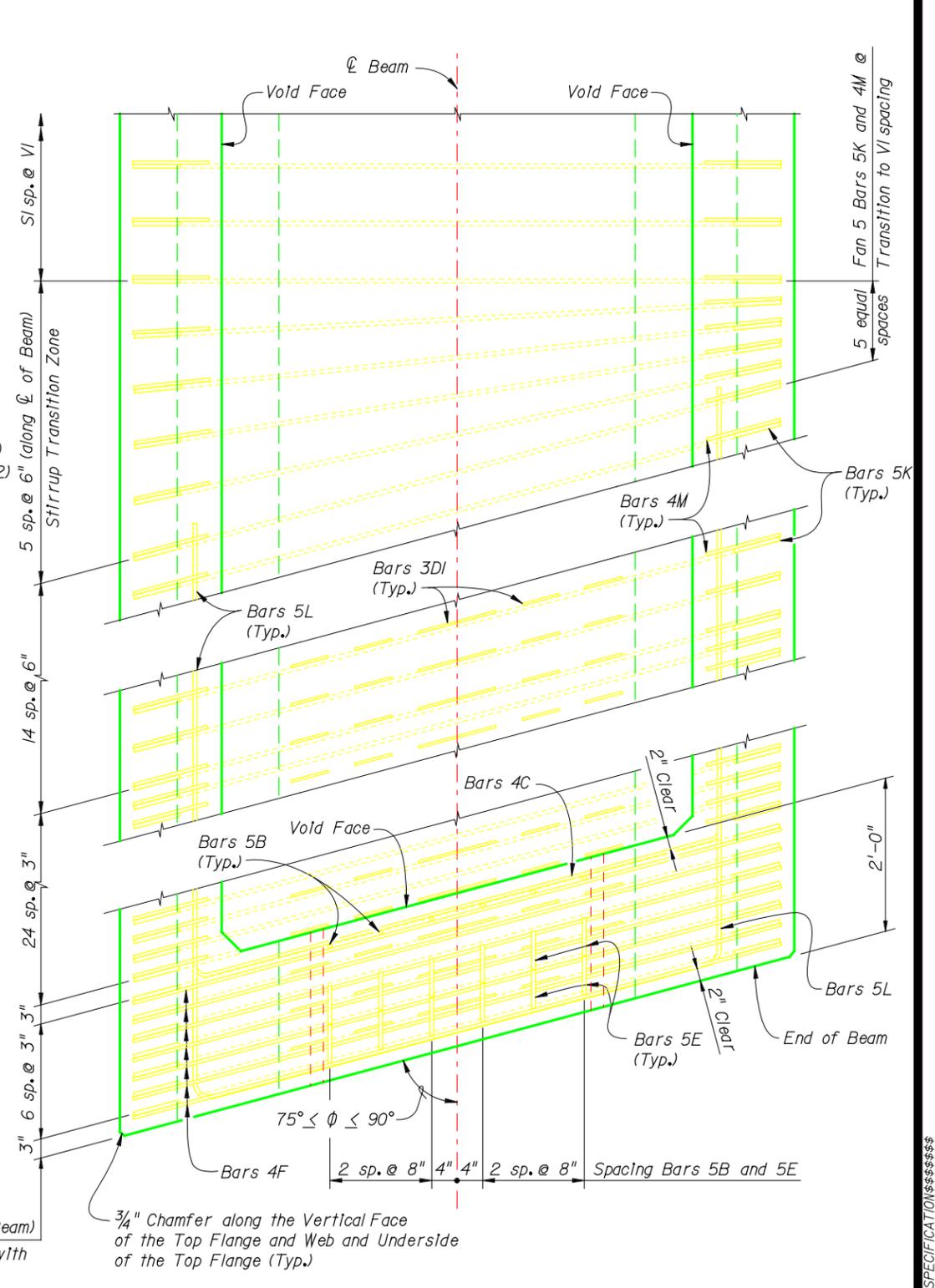
SECTION C-C



TOP VIEW OF END DIAPHRAGM
(Bars 3D1 And 3D2 Not Shown For Clarity)

- NOTES:
1. Drains shall be placed adjacent to each web at each beam end (four drains per beam). Drain Pipe shall be 2" Nominal Pipe Size, Schedule 80 PVC. Provide removable pipe plugs to prevent concrete entrance during beam casting. Plugs to be removed from the inside after casting. Galvanized screen wire shall cover the end of the pipe and bent down around the sides of the pipe, a minimum of 1" and secured prior to casting.
 2. Concrete face may be sloped with a maximum 1:24 draft to facilitate formwork removal.

Spacing Bars 5K (Along ϕ of Beam)
(Bars 4F and 4M are Paired with Bars 5K as shown)



TOP VIEW OF SKEWED END DIAPHRAGM AND STIRRUP TRANSITION ZONE
(Bars 3D2 Not Shown For Clarity)

REVISIONS		DATE	BY	DESCRIPTION
02-14-01	SDO			Standard Drawing Issue Date

NAME	DATE
DRAWN BY: SJN	5-00
CHECKED BY: JLF	6-00
DESIGNED BY: SJN	5-00
CHECKED BY: CEB	6-00
APPROVED BY: REN	

ENGINEER OF RECORD:
STRUCTURES DESIGN OFFICE
 CENTRAL OFFICE
 605 Suwannee Street, MS 33
 Tallahassee, Florida 32399-0450

FLORIDA DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID

SHEET TITLE:		SHEET NO.
FLORIDA U 72 BEAM - STANDARD DETAILS INDEX NO. 272 (DRAWING 2 OF 3)		

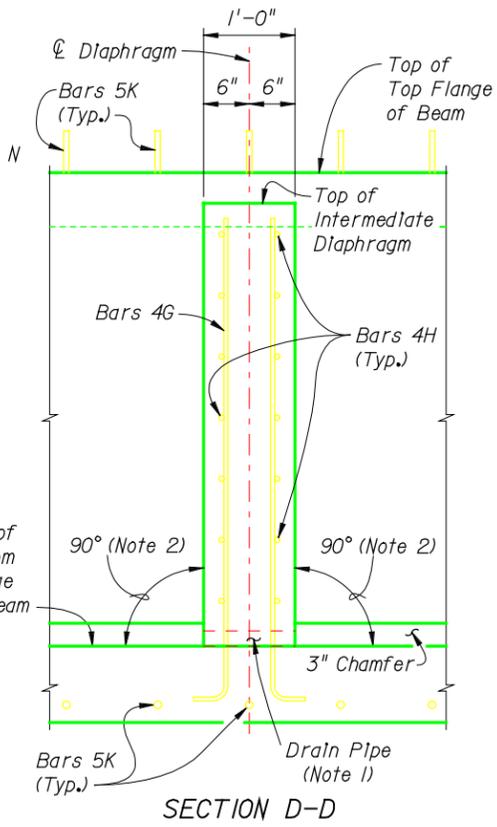
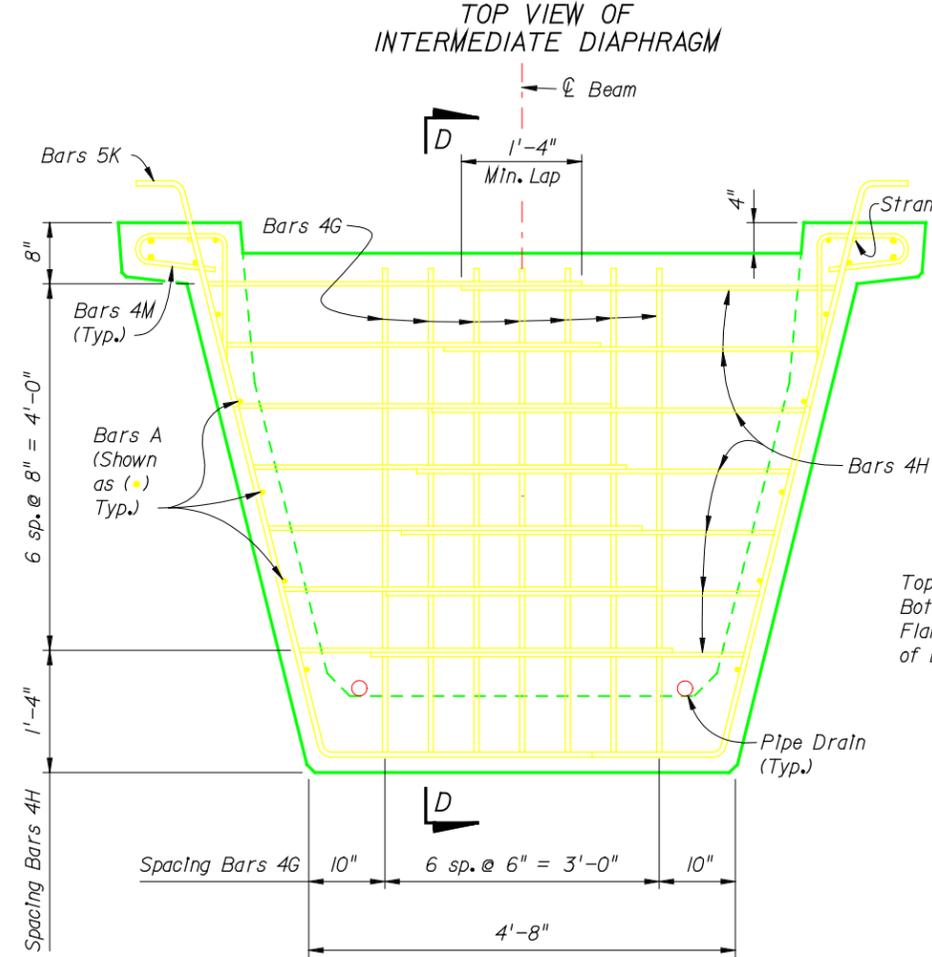
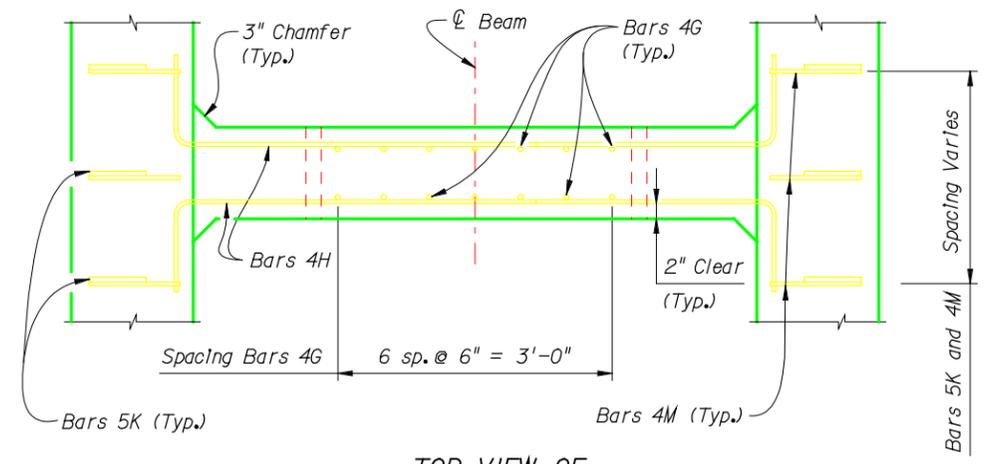
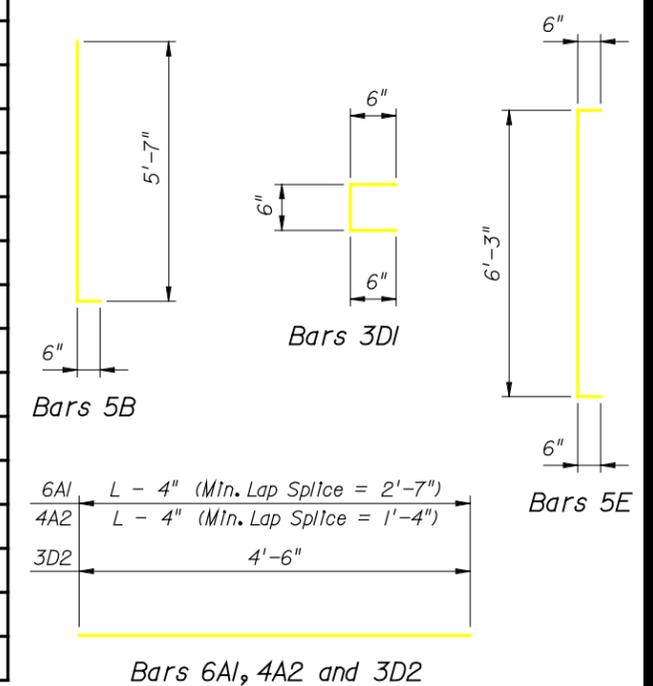
BRIDGE NO. XXXXXX

\$\$\$\$\$SYTIME\$\$\$\$\$INSPECIFICATION\$\$\$\$\$

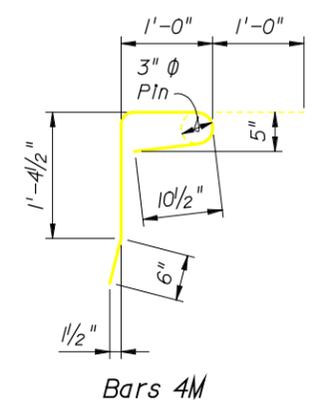
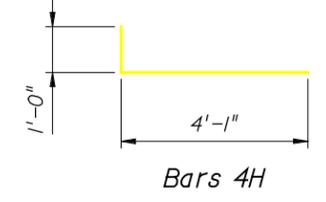
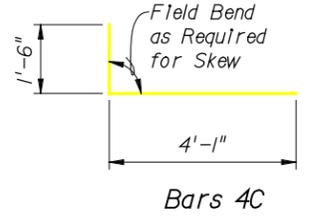
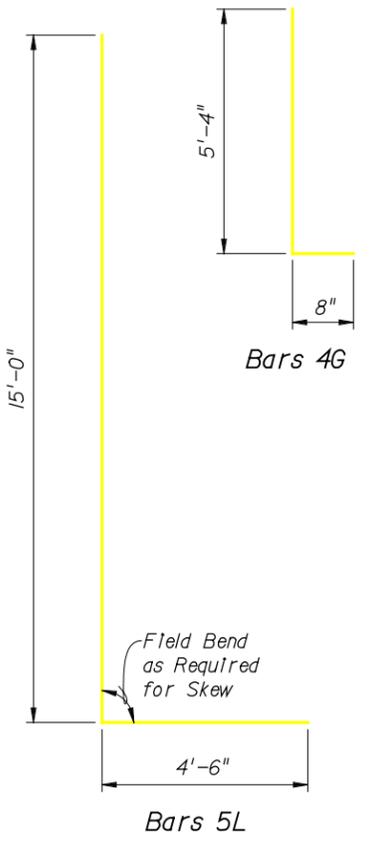
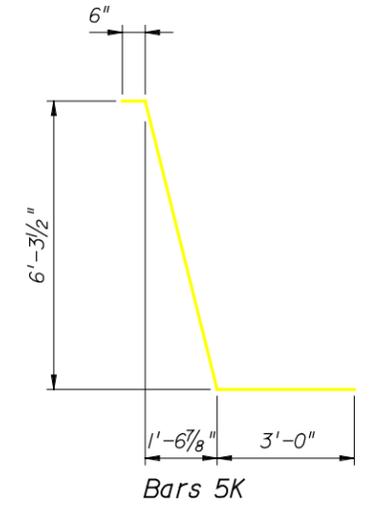
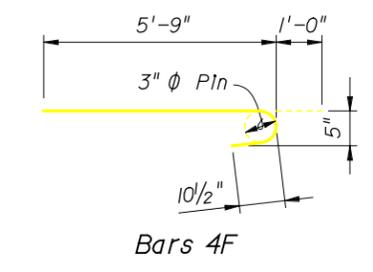
CONVENTIONAL REINFORCING STEEL BENDING DIAGRAMS

BILL OF REINFORCING STEEL FOR ONE BEAM ONLY

MARK	SIZE	NO. REQ'D	LENGTH
A1	6	4	DIM L - 4"
A2	4	14	DIM L - 4"
B	5	12	6'-1"
C	4	28	5'-7"
D1	3	228	1'-6"
D2	3	38	4'-6"
E	5	24	7'-3"
F	4	28	6'-9"
G	4	See Table	6'-0"
H	4	See Table	5'-1"
K	5	See Table	10'-0"
L	5	32	19'-6"
M	4	See Table	3'-11"
N	3/8" ϕ Strand	2	DIM L - 3"



- NOTES:
- Drains shall be placed adjacent to each web at each intermediate diaphragm (two drains per intermediate diaphragm). Drain Pipe shall be 2" Nominal Pipe Size, Schedule 80 PVC. Provide removable pipe plugs to prevent concrete entrance during beam casting. Plugs to be removed from the inside after casting.
 - Concrete face may be sloped with a maximum 1:24 draft to facilitate formwork removal.
 - Intermediate diaphragms must be cast and concrete release strength obtained prior to removing beam from casting bed.



BRIDGE NO. XXXXX

REVISIONS		
DATE	BY	DESCRIPTION
02-14-01	SDO	Standard Drawing Issue Date

DATE	BY	DESCRIPTION
5-00	MDM	DRAWN BY
6-00	SJN	CHECKED BY
5-00	MDM	DESIGNED BY
6-00	SJN	CHECKED BY
	REN	APPROVED BY

ENGINEER OF RECORD:
STRUCTURES DESIGN OFFICE
 CENTRAL OFFICE
 605 Suwannee Street, MS 33
 Tallahassee, Florida 32399-0450

FLORIDA DEPARTMENT OF TRANSPORTATION
 ROAD NO. COUNTY FINANCIAL PROJECT ID

SHEET TITLE: **FLORIDA U 72 BEAM - STANDARD DETAILS**
 INDEX NO. 272 (DRAWING 3 OF 3)
 PROJECT NAME: SHEET NO.