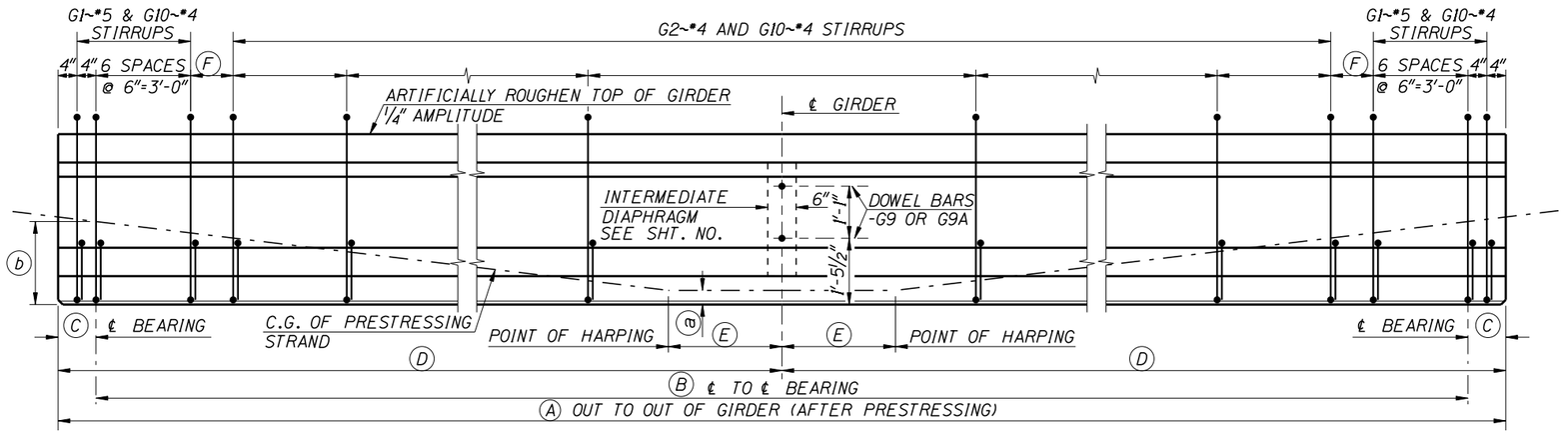
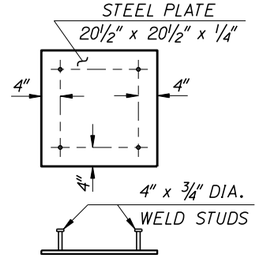
PRESTRESSED GIRDER SCHEDULE

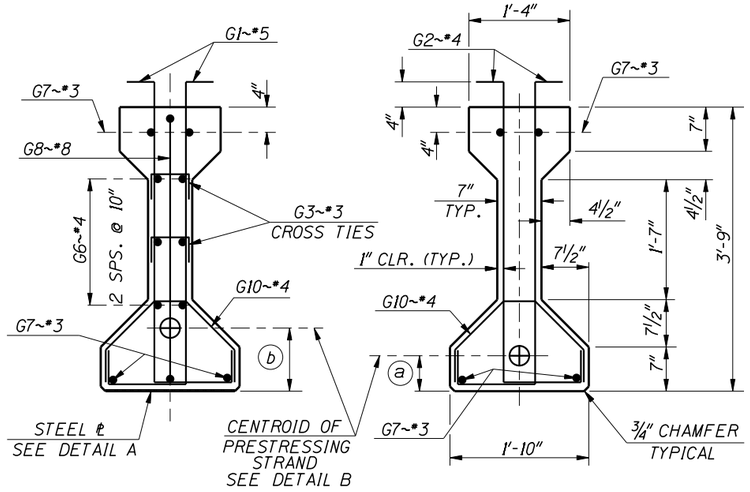
GIRDERS		PRESTRESS FORCE ~ KIPS		CONCRETE STRENGTH ~ PSI		GIRDER DIMENSIONS								END DETAIL C.G. OF STRAND			
NO.	LOCATION	FINAL AFTER LOSSES	INITIAL BEFORE LOSSES	AT RELEASE f'ci	AT 28 DAYS f'c	(A)	(B)	(C) LEFT	(C) RIGHT	(D) LEFT	(D) RIGHT	(E)	(F)	LEFT	RIGHT	(b) ℄ BRG.	(a) MID SPAN



GIRDER ELEVATION AND STIRRUP LAYOUT
NOT TO SCALE

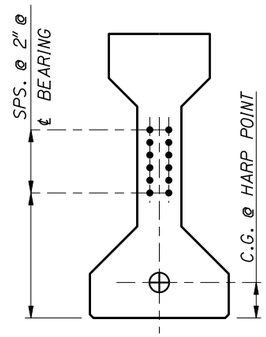


DETAIL A
3/4"=1'-0"

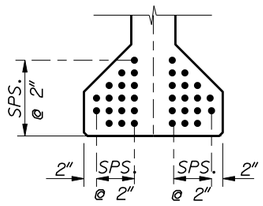


SECTION AT ℄ BEARING
1"=1'-0"

SECTION AT ℄ SPAN
1"=1'-0"

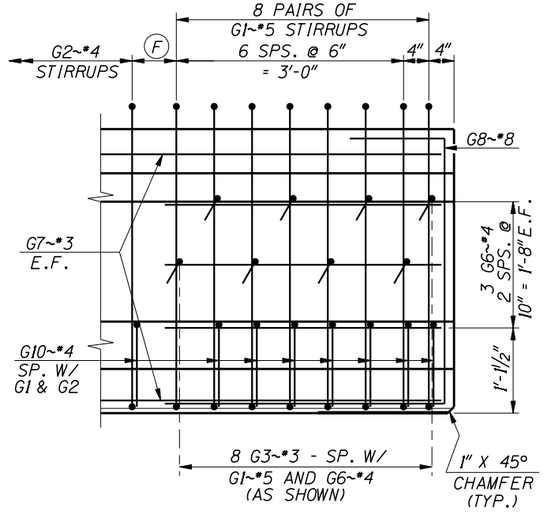


HARP STRAND



STRAIGHT STRAND

DETAIL B
N.T.S.



END REINFORCEMENT DETAIL
1"=1'-0"

REINFORCEMENT DIAGRAM

	MARK	SIZE	GRADE	SKETCH
*	G1	#5	60	4'-0", 1'-0 1/2", 5 1/2", 4 1/2"
*	G2	#4	60	
*	G3	#3	60	5"
	G4	#5	60	4'-8"
	G4A	#5	60	2'-4", 10"
	G5	#6	60	
	G5A	#6	60	
	G6	#4	60	4'-0"
	G7	#3	60	A - 4"
	G8	#8	60	3'-6", 3'-6", 1'-3"
	G9	#4	60	4'-0"
	G9A	#4	60	2'-11", 8"
*	G10	#4	60	10", 5", 45°, 5 1/2"

NOTES

ALL DIMENSIONS TO STIRRUPS AND DOWEL BARS ARE GIVEN AT ℄ OF GIRDER.

SEE PRESTRESSED AASHTO GIRDER DETAILS SHEET FOR NOTES, DIAPHRAGM DOWEL DETAILS, END DETAILS AND DEFLECTION DATA.

ALL BEND DETAILS TO BE ACCORDING TO LATEST ACI STANDARD PRACTICE.

* STIRRUP AND TIE HOOK BEND DIMENSIONS. STIRRUPS AND TIES SHALL HAVE A MINIMUM 1" COVER OUTSIDE OF BARS.

GIRDER WEIGHT _____ 583 LBS. PER FOOT

REVISIONS				DESIGNED	SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY	ORIGINAL SIGNED BY:	IDAHO TRANSPORTATION DEPARTMENT	English	AASHTO TYPE III PRESTRESSED GIRDER	BRIDGE PLANS
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	CADD FILE NO. \prj00000\bridge\b05_2b.dgn	DATE SIGNED: DATE		PROJECT NO.		BRIDGE LRFD MANUAL, PAGE B5.2B
				DETAILED		ORIGINAL STORED AT ITD BRIDGE SECTION				COUNTY / KEY NO.
				DWG. CHECKED	DRAWING DATE: JUNE 2006					BRIDGE DRAWING NO. / SHEET OF
				CORRECTIONS						