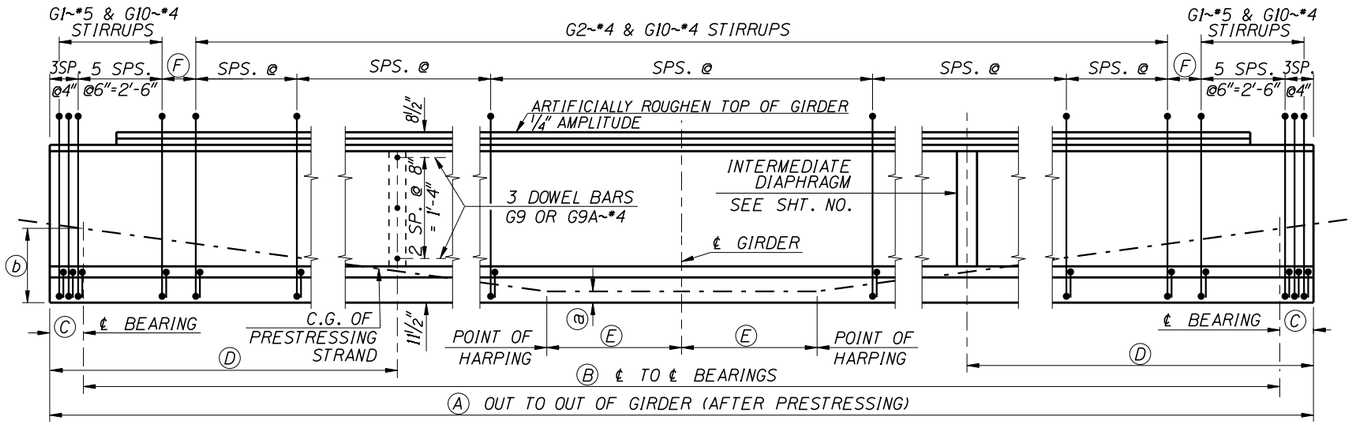
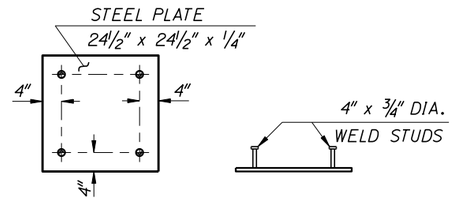
PRESTRESSED GIRDER SCHEDULE

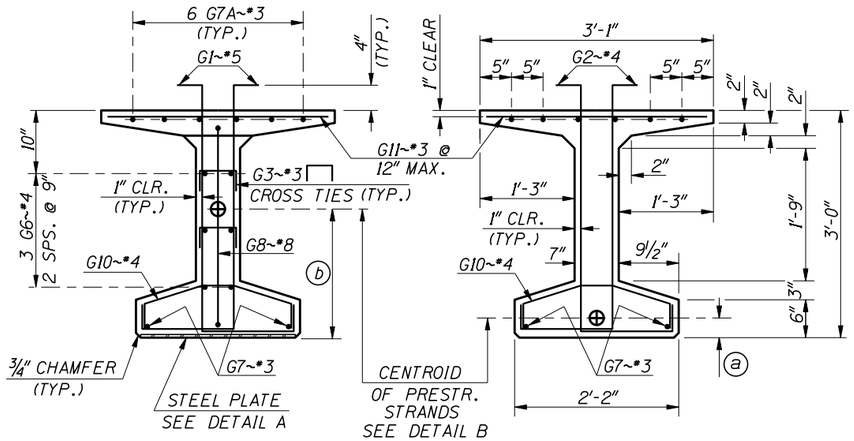
GIRDERS		PRESTRESS FORCE ~ KIPS		CONCRETE STRENGTH ~ PSI		GIRDER DIMENSIONS								END DETAIL		C.G. OF STRAND	
NO.	LOCATION	FINAL AFTER LOSSES	INITIAL BEFORE LOSSES	AT RELEASE f'ci	AT 28 DAYS f'c	(A)	(B)	(C) LEFT	(C) RIGHT	(D) LEFT	(D) RIGHT	(E)	(F)	LEFT	RIGHT	(b) ℄ BRG.	(a) MID SPAN



GIRDER ELEVATION AND STIRRUP LAYOUT
NOT TO SCALE

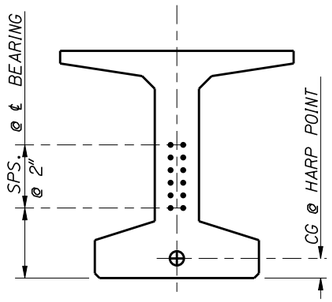


DETAIL A
3/4"=1'-0"

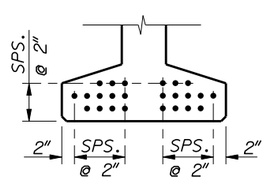


SECTION AT ℄ BEARING
1"=1'-0"

SECTION AT ℄ SPAN
1"=1'-0"

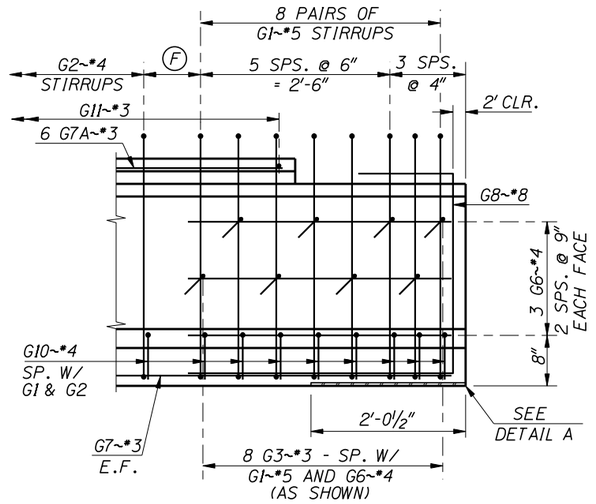


HARP STRAND



STRAIGHT STRAND

DETAIL B
N.T.S.



END REINFORCEMENT DETAIL
1"=1'-0"

REINFORCEMENT DIAGRAM

	MARK	SIZE	GRADE	SKETCH
*	G1	#5	60	3'-3", 1'-2 1/2", 4 1/4", 4"
*	G2	#4	60	
*	G3	#3	60	5"
	G4	#5	60	5'-0"
	G4A	#5	60	2'-6", 10"
	G5	#6	60	
	G5A	#6	60	
	G6	#4	60	3'-6"
	G7	#3	60	(A) -4"
	G7A	#3	60	(A) -2 (BLOCKOUT + 2")
	G8	#8	60	2'-8", 3'-6", 1'-3"
	G9	#4	60	3'-5"
	G9A	#4	60	1'-8 1/2", 10"
*	G10	#4	60	10", 5", 3", 4 1/2", 9 1/2"
	G11	#3	60	2'-11"

NOTES

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

SEE PRESTRESSED BULB TEE 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 _____ 512 LBS. PER FOOT

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED
DESIGN CHECKED
DETAILED
DWG. CHECKED
CORRECTIONS

SCALES SHOWN ARE FOR 34" X 22" PRINTS ONLY

CADD FILE NO. \prj00000\bridge\ b05_3a.dgn

DRAWING DATE: MARCH 2007

ORIGINAL SIGNED BY:

DATE SIGNED: DATE

~~ORIGINAL STORED AT ITD BRIDGE SECTION~~

IDAHO TRANSPORTATION DEPARTMENT

English

PROJECT NO.

36" BULB TEE PRESTRESSED GIRDER

BRIDGE PLANS

BRIDGE LRFD MANUAL, PAGE B5.3A

COUNTY | KEY NO.

BRIDGE DRAWING NO. | SHEET OF