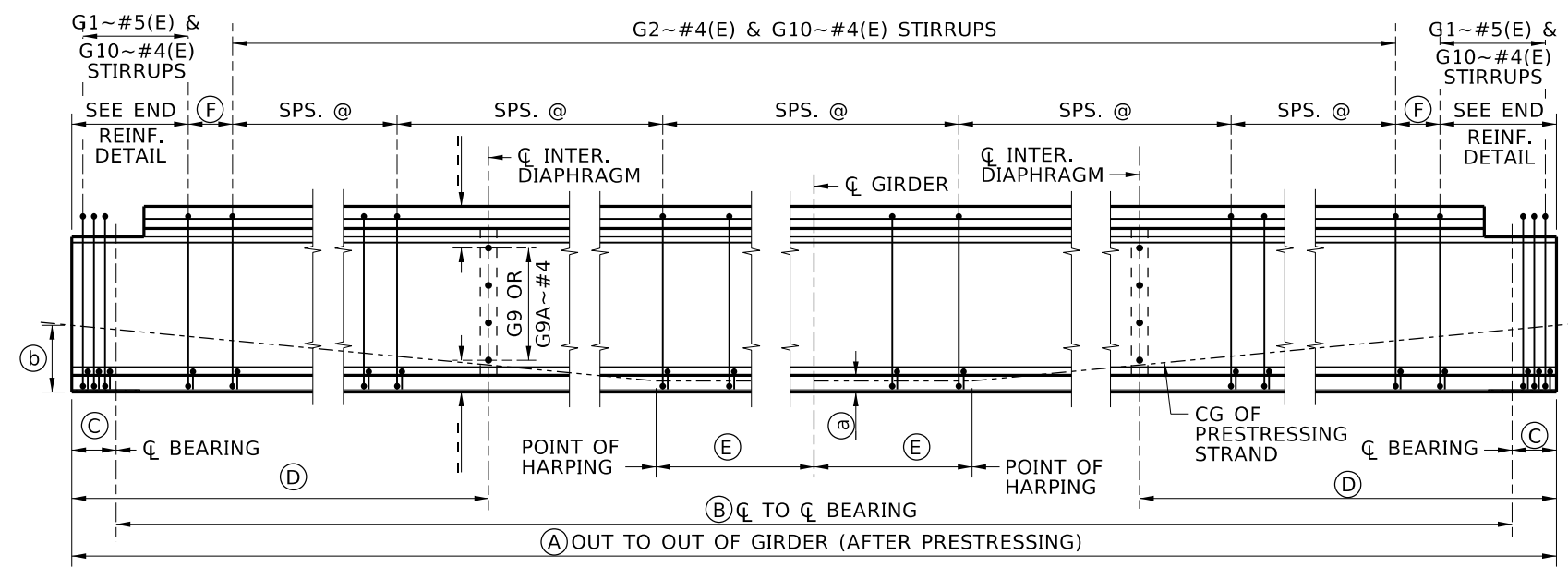


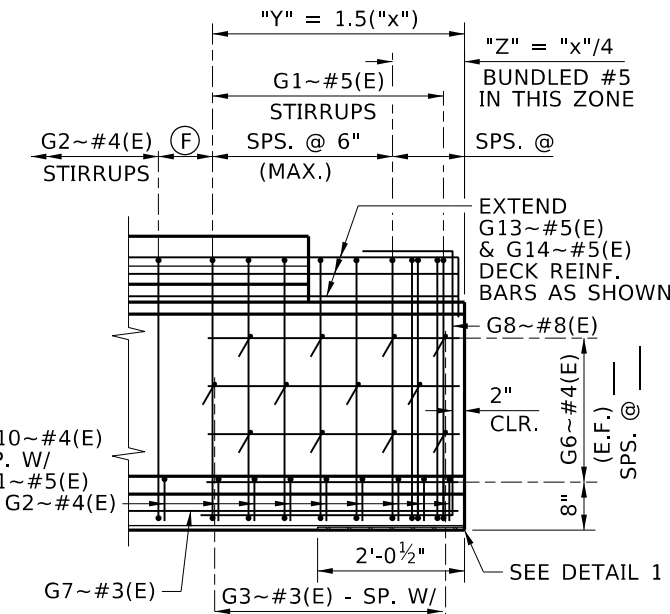
PRESTRESSED GIRDER SCHEDULE

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

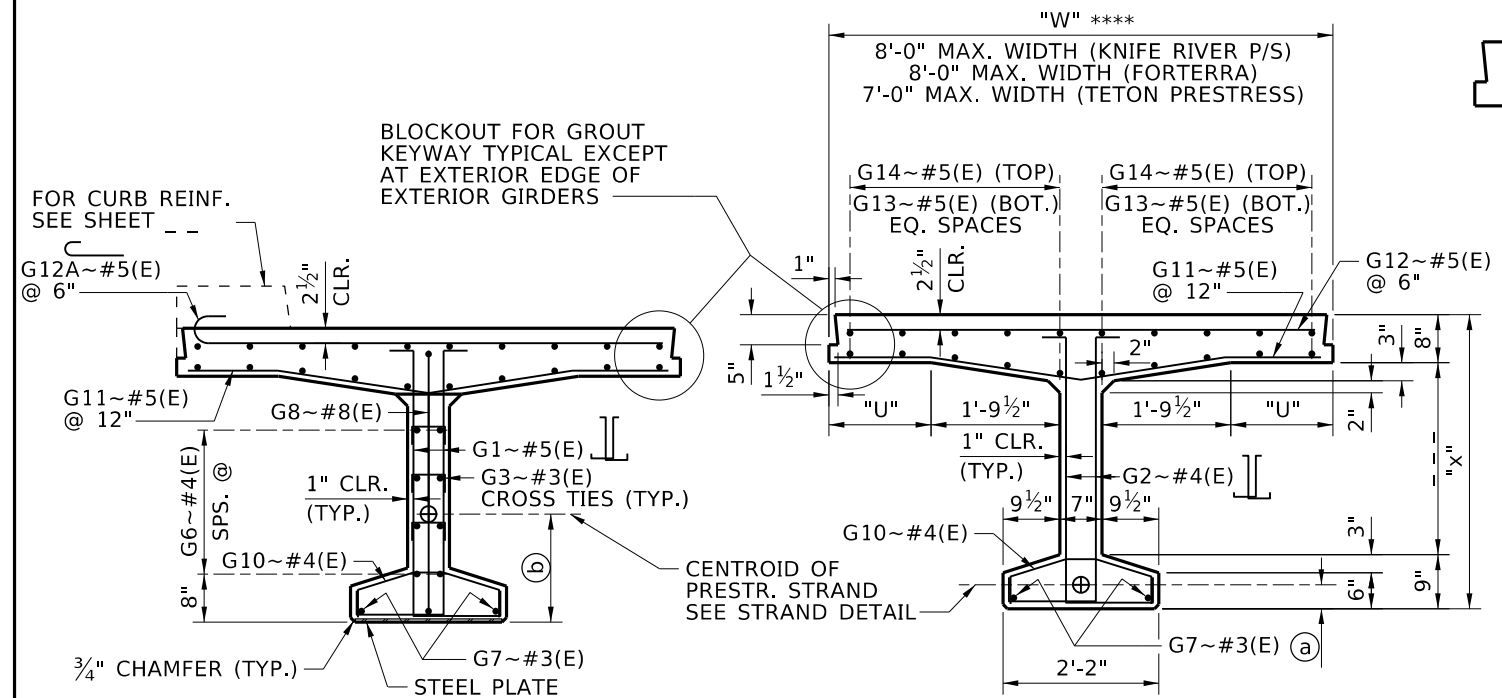
REINFORCEMENT DIAGRAM AASHTO M31 GRADE 60 TYPE S			
MARK	SIZE	GRADE	SKETCH
G1*	#5(E)	60	"x" - 6"
G2*	#4(E)	60	1'-2 1/2" 4 1/4"
G3*	#3(E)	60	5"
G5	#6(E)	60	INT GIRDER
G5A	#6(E)	60	EXT GIRDER
G6	#4(E)	60	"y"
G7	#3(E)	60	A - 4" (MINIMUM LAP LENGTH=1'-4")
G8*	#8(E)	60	"x" - 6" 3'-6" 1'-3"
G9	#4(E)	60	
G9A	#4(E)	60	
G10	#4(E)	60	10" 4 1/2" 5" 3" 9 1/2"
G11	#5(E)	60	3 3/4" "U"-1" 2'-0" 2'-0" "U"-1"
G12	#5(E)	60	"w" - 6"
G12A*	#5(E)	60	"w" - 6" ***
G13	#5(E)	60	A - 4" (MINIMUM LAP LENGTH=1'-8")
G14**	#5(E)	60	A - 4" (MINIMUM LAP LENGTH=2'-2") 10" 10"



GIRDER ELEVATION AND STIRRUP LAYOUT



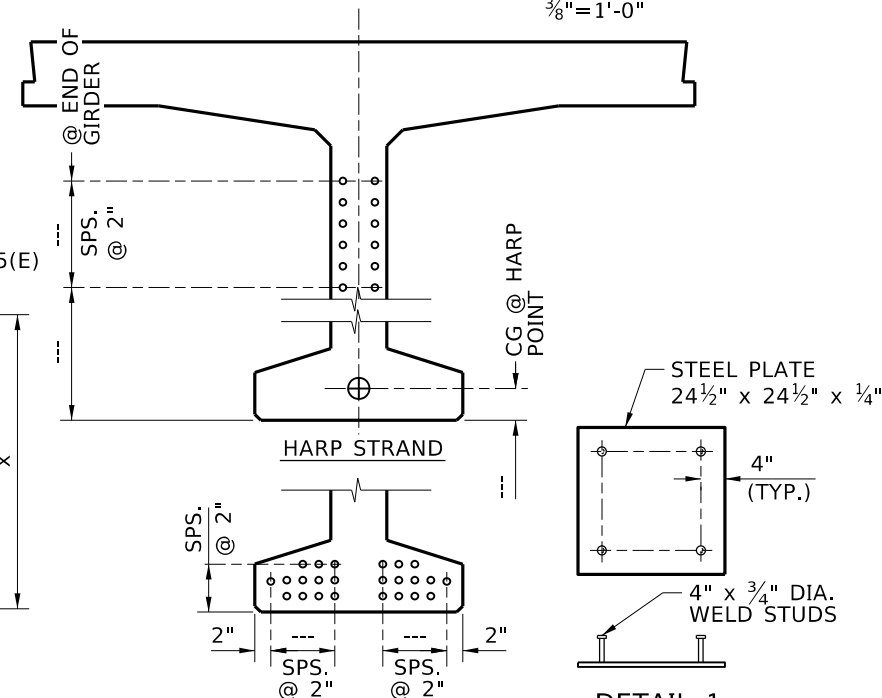
END REINFORCEMENT DETAIL



SECTION AT END OF GIRDER

SECTION AT Q SPAN

\*\*\*\* EXACT WIDTH WILL BE SLIGHTLY LESS THAN NOMINAL WIDTH DUE TO GAP BETWEEN TOP FLANGES



STRAIGHT STRAND STRAND DETAIL

DETAIL 1

- NOTES
- DIMENSIONS TO STIRRUPS AND DOWEL BARS ARE GIVEN AT Q OF GIRDER.
  - SEE TYPICAL BULB TEE SECTION AND DETAILS SHEET FOR ADDITIONAL GIRDER NOTES AND DETAILS.
  - BEND DETAILS IN ACCORDANCE WITH LATEST ACI STANDARD PRACTICE.
  - \* STIRRUP AND TIE HOOK BEND DIMENSIONS. STIRRUPS AND TIES MUST HAVE A MINIMUM 1" COVER OUTSIDE OF BARS.
  - \*\* HOOKS AT ABUTMENT ENDS ONLY.
  - \*\*\*FOR JOINTS OR DISCONTINUITIES IN THE PARAPET, BUNDLE A #4(E) WITH THE G12A BARS FOR A DISTANCE EQUAL TO 8' FROM THE JOINT/DISCONTINUITY.

GIRDER WEIGHT..... LB/FT

REVISIONS		
NO.	DATE	DESCRIPTION

DESIGNED	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
DESIGN CHECKED	CADD FILE NAME
DETAILED	Standards/Bridge Standard Drawings
DWG. CHECKED	B05_4B.DGN
CORRECTIONS	DRAWING DATE: DEC 2024

**IDAHO TRANSPORTATION DEPARTMENT**

YOUR Safety → YOUR Mobility → YOUR Economic Opportunity

APPROVED BY: BRIDGE ENGINEER **MICHAEL T. JOHNSON** DATE: \_\_\_\_\_

ENGLISH PROJECT NO.

PRESTRESSED DECK BULB TEE GIRDER

OFF SYSTEM AND LOCAL ROADS BRIDGE LRFD DESIGN MANUAL B5.4B

BRIDGE PLANS	
BRIDGE KEY NO.	
COUNTY	KEY NO.
BRIDGE DWG. NO.	SHEET OF