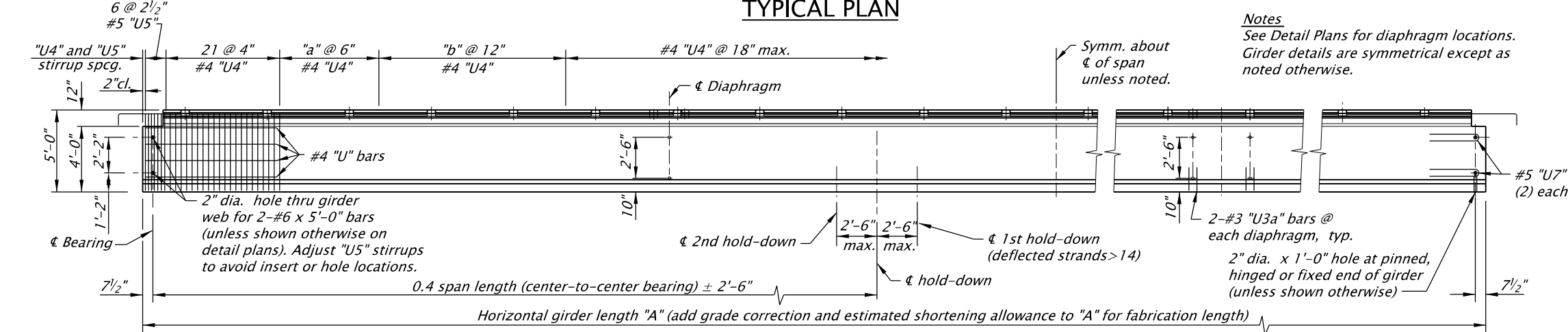


TYPICAL PLAN

Notes

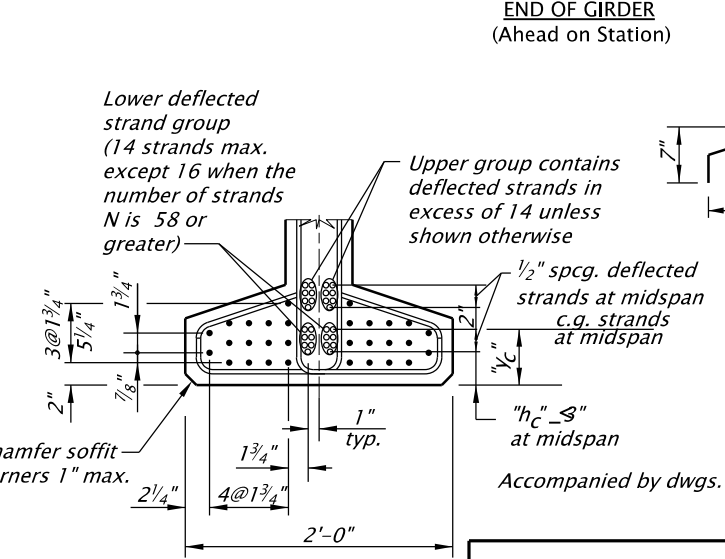
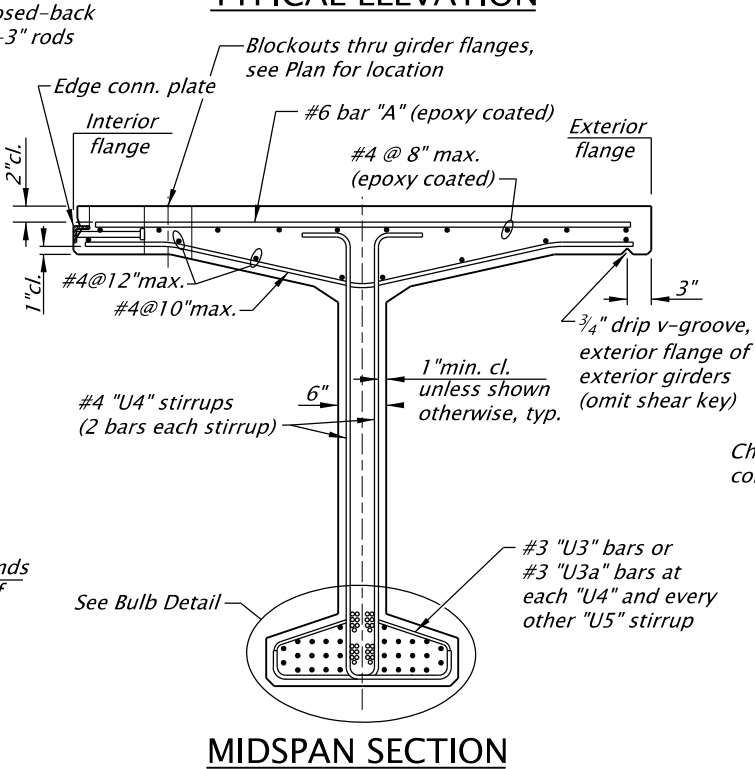
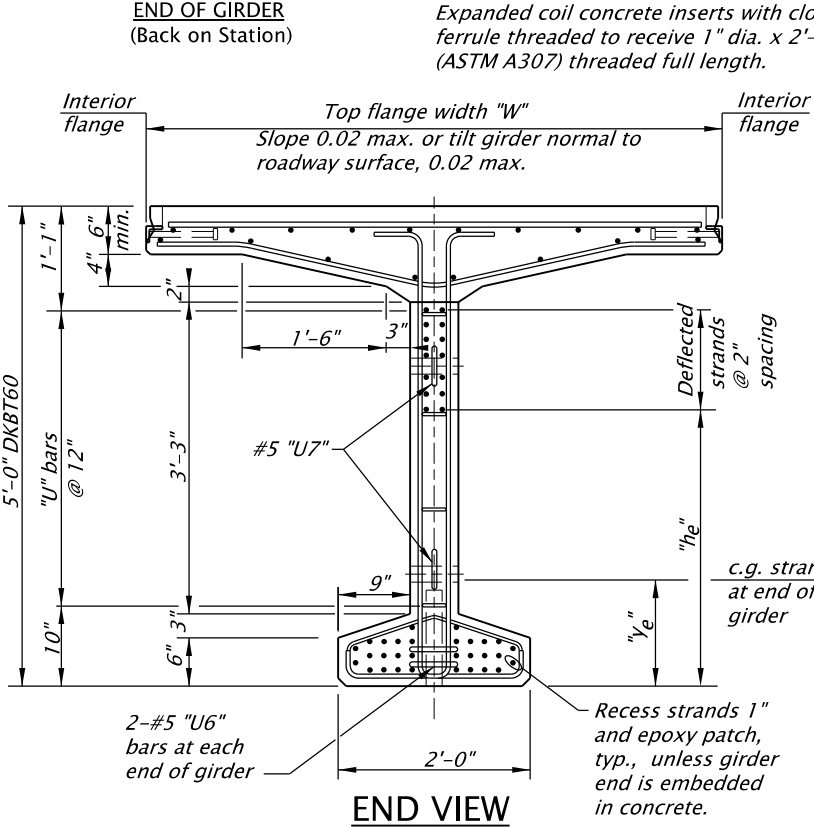
See Detail Plans for diaphragm locations. Girder details are symmetrical except as noted otherwise.



TYPICAL ELEVATION

*CONCRETE INSERTS

Expanded coil concrete inserts with closed-back ferrule threaded to receive 1" dia. x 2'-3" rods (ASTM A307) threaded full length.

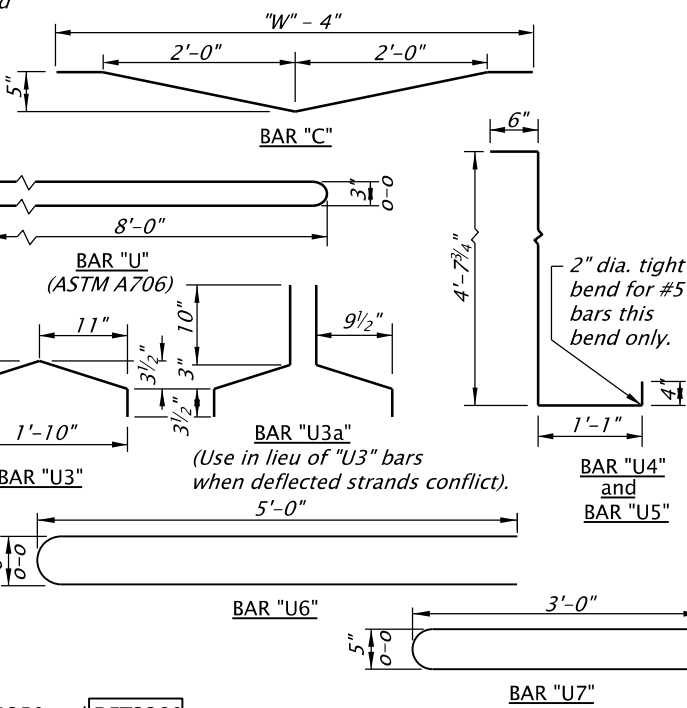


Notes

Girders are designed for live loading and superimposed dead load as shown in the General Notes. Provide the class of concrete shown on the Girder Schedule. Provide concrete strength at transfer of prestress not less than that shown on the Girder Schedule. Provide 1/2" dia. 7-wire low relaxation prestressing strands conforming to AASHTO M203 (ASTM A416) Grade 270, Supplement 1. Tension straight strands initially to 31.0 kips. Ensure deflected strands have the same tension after deflecting. Provide reinforcing steel as shown in the General Notes, except as noted. Maintain girders in an upright position at all times with the support points within 2'-0" of the girder ends. Provide a transverse broom finish on tops of girders. Provide general finish for all other surfaces, except as shown in the General Notes. Deflected strands may be bundled between hold-down points. Provide temporary diaphragm beams as required, see BR350. See dwg. DET3380 for "a", "b", "d", "e", "f" and "θ" values. Provide welded wire fabric conforming to ASTM A497.

MINIMUM DECK REINFORCEMENT FOR INTERIOR GIRDERS			
BAR	TOP FLANGE WIDTH "W" (in)		
	60 to 72	72 to 84	84 to 102
"A" Spacing (in)	7	6	5

Additional top deck reinforcement may be required for exterior girders depending on specified bridge rail type.



The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.			
OREGON STANDARD DRAWINGS			
60" DECK BULB-T (PRECAST PRESTRESSED CONCRETE) GIRDER			
2024			
DATE	REVISION DESCRIPTION		
-	-		
CALC. BOOK NO.	N/A	SDR DATE	20-APR-2018
BR375			