

TYPICAL ELEVATION

END OF GIRDER
(Ahead on Station)

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.

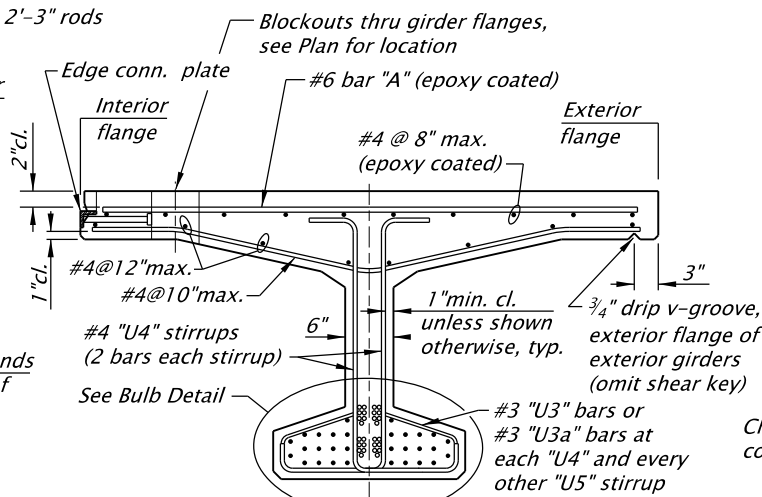
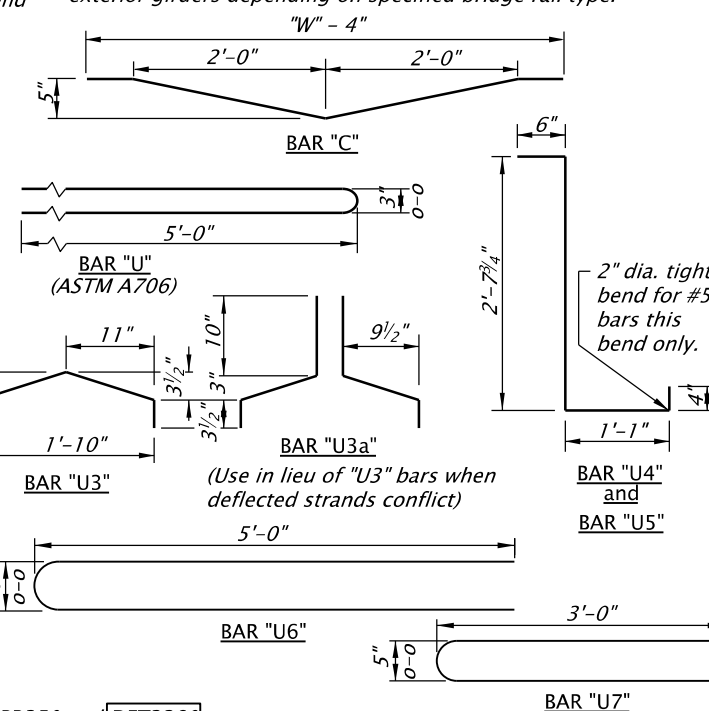
Deflected strands may be bundled between hold-down points.

Provide temporary diaphragm beams as required, see BR350.

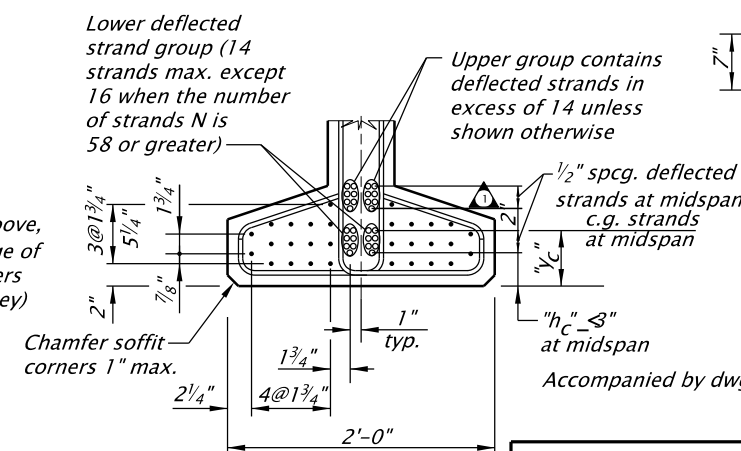
*See dwg. **DET3380** for "a", "b", "d", "e", "f" and "g" values.*

Provide welded wire fabric conforming to ASTM A497.

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



MIDSPAN SECTION



BULB DETAIL

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
36" DECK BULB-T
(PRECAST PRESTRESSED
CONCRETE) GIRDER

2024

DATE		REVISION DESCRIPTION	
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CALC. BOOK NO. - - -	N/A - - -	SDR DATE 20-APR-2018 -	BR360
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