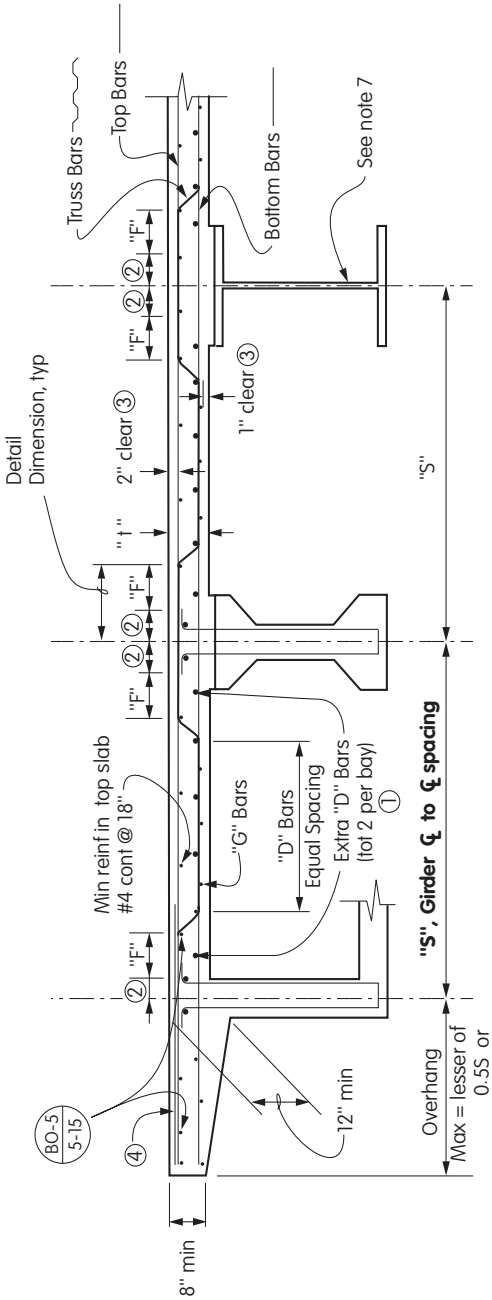
Attachment 1

Deck Slab Reinforcement Details

AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS



MATERIAL PROPERTIES

f'_c = 3.6 ksi - Normal Weight Concrete
f_y = 60 ksi

LEGEND

① Extra "D" bars are to be added when span "S" ≥ 11'-6"
② Distance from ℄ girder to design section for negative moment (Art.4.6.2.1.6)
- Concrete box girders: 1/2 the girder web width
- Precast concrete I-shaped and T-shaped beams: 1/3 the flange width (15" max)
- Steel girders: 1/4 the flange width

③ Increase cover over bars and adjust slab thickness if required for environmental conditions. See Table 5.12.3-1 and MTD 8-2.
④ Provide additional top transverse deck reinforcement in the overhangs when "S" ≤ 11'-6". See note 10

Notes
For Notes, see page 4 of this Memo to Designers.
For deck slab thickness and reinforcement, see Table 10-20.1.