**GENERAL NOTES:**

- This rail has been evaluated and accepted to be of equal strength to railings with like geometry, which have been crash tested to meet MASH TL-5 criteria. This rail can be used for spans of 30 ft and greater when a 1.5" rated guardrail is installed in the same plane. When a 1.25" rated guardrail is used, the use of bars RH(#5) is recommended. For spans less than 30 ft, the use of bars RH(#5) is required.
- Bars RH(#5) are in addition to slab overhang reinforcement shown elsewhere.
- Bars RH are match cut to clear drain slots.
- See “Elevation Showing Typical Reinforcing Placement” for spacing RH(#5) bars.
- See “Material Notes” for Anchor Bolt information.
- Provide bar laps, where required, as follows: Uncoated or galvanized ~ #6 = 2'-5".
- Deformed Welded Wire Reinforcement (WWR) (ASTM A1064) of equal size and spacing may be substituted for Bars S1, S2 and WU unless noted otherwise.
- Epoxy coat or galvanize all reinforcing steel if slab bars are epoxy coated or galvanized.
- Provide Class “C” (HPC) if required elsewhere.
- Provide 60° reinforcing steel. Epoxy coat or galvanize all reinforcing steel if slab bars are epoxy coated or galvanized.
- Cover dimensions are clear dimensions, unless noted otherwise.
- Reinforcing bar dimensions shown are out-to-out of bar.

**MATERIALS:**

- Galvanize all metal components of steel rail system. Apply additional coatings when shown elsewhere on the plans.
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**CONSTRUCTION NOTES:**

- Flex anchors are not permitted on or near the edge of the roadway.
- Provide bar laps as required, as follows: Uncoated or galvanized ~ #6 = 2'-5".
- Epoxy coated ~ #6 = 3'-7".
- Bars RH(#5) are in addition to slab overhang reinforcement shown elsewhere. Extend bars RH(#5) 2'-5" Min. and 1 ½" of screwthread. Space and position with adjacent slab bars S1(#5) and bars RH(#5). Match rail bar cover. (2")
- Use Material Notes for anchor bolt information.
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