Standard Drawing Guidance (do not show on plans): This system meets NCHRP 350 TL-3 bridge railing requirements. Max. post spacina = 6'-3''1 If slab cantilever length exceeds 6", consideration shall be given to: (with the result that anchorage into slab lies in the cantilever part of slab) (1) Anchorage into cantilever portion of slab provided original slab thickness allows for min. embedment & 1" cover (check negative moment in cantilever). (2) Extending bent plate (within reason). (3) Alternating method of attachment, i.e. System 1 or System 3 types and variations thereof, Consult Structural Project Manager. Begin bridge anchor section→ General Notes: Design Specifications: 2002 AASHTO LFD (17th Ed.) Standard Specifications © First Post on bridge → Guardrail delineators shall be attached to the top of the guardrail and shall similarly use the delineator details of Missouri Standard Plan 617.10. except that the delineator body shall be attached to the top of the cap rail using galvanized anchorage as shown on Missouri Standard Plan 606.00. Delineators on bridges with two-lane. two-way traffic shall have retroreflective sheeting on both sides. Guardrail delineators will be considered completely covered by the contract unit price for Bridge Guardrail (Thrie Beam). Same as joint opening DIRECTION OF TRAFFIC [][(Ends of C8x11.5 cap rail) DATE PREPARE 7/21/2021 MO Panel lengths of channel members shall be attached At bridge ends for head to head traffic, guardrail shall be used at all four corners and for single directional traffic, guardrail shall be used at entrance ends only unless required at the exit. continuously to a minimum of four posts and a maximum of six posts (except at end bents). BR * Joint Opening All bolts, buts, washers and plates will be (Over 2" opening) considered completely covered by the contract unit price for Bridge Guardrail (Thrie Beam). IOB NO CONTRACT ID All steel connecting bolts and fasteners for posts and railing, and all resin anchor bolts, nuts, washers and plates shall be galvanized after fabrication. Protective coating and material requirement of steel railing shall be in accordance with Sec 1040. PROJECT NO. with Sec 1040.

