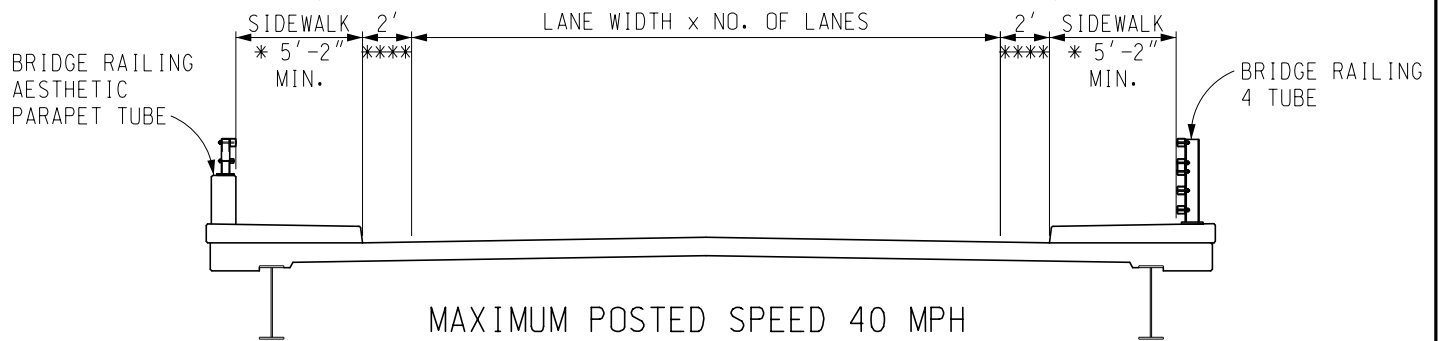


DRAWN BY: BLT
CHECKED BY: VZ
APPROVED BY: BMW

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF DEVELOPMENT

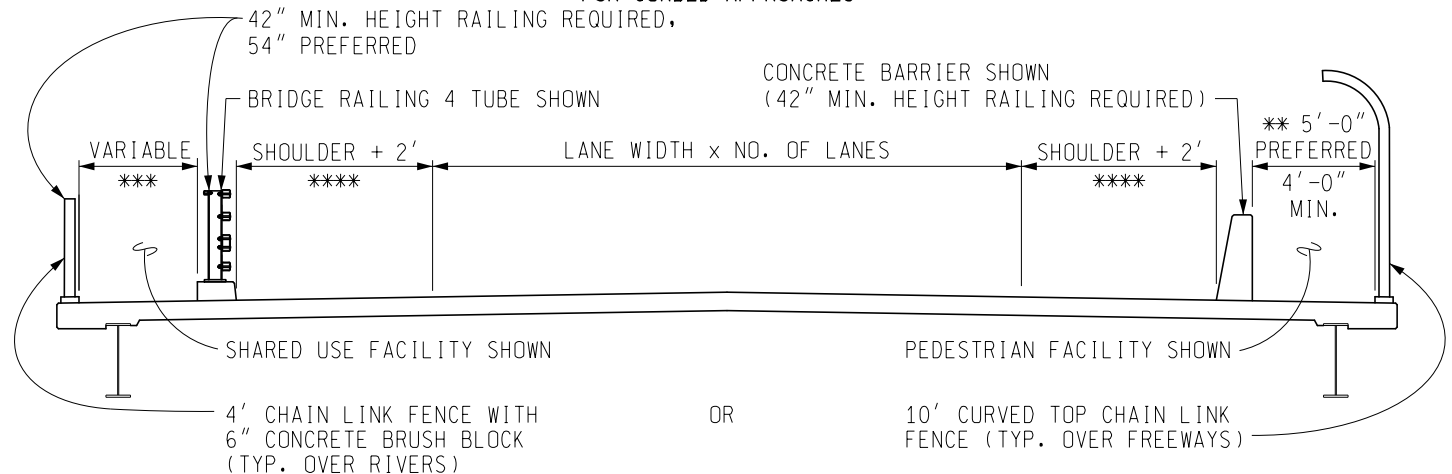
BRIDGE CROSS SECTIONS
TRUNKLINE, COUNTY & CITY BRIDGES

ISSUED: 12/16/19
SUPERSEDES: 08/21/17

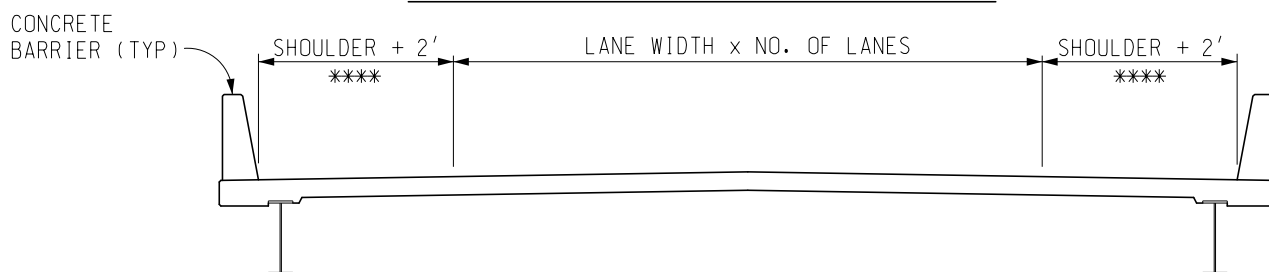


MAXIMUM POSTED SPEED 40 MPH
PEDESTRIAN FACILITY REQUIRED

FOR CURBED APPROACHES



POSTED SPEEDS GREATER THAN 40 MPH
PEDESTRIAN FACILITY REQUIRED



ANY POSTED SPEED
NO PEDESTRIAN FACILITY REQUIRED

FOR COUNTY & CITY BRIDGES ONLY
FOR TRUNKLINE BRIDGES WITHOUT PEDESTRIAN FACILITY
SEE BRIDGE DESIGN GUIDE 6.05.01

* 5'-2" TO TOE OF CURB, 5'-0" TO BEVEL POINT.

** WHEN A SIDEWALK WIDTH OF LESS THAN 5'-0" EXISTS FOR A LENGTH OF 200' OR MORE (INCLUDING APPROACHES) A PASSING SPACE, 5'-0" x 5'-0" (INCLUSIVE OF THE SIDEWALK), SHALL BE PRESENT EVERY 200' OR LESS OR A 5'-0" SIDEWALK SHALL BE USED THROUGHOUT.

*** FOR WIDTH REFER TO AASHTO "GUIDE FOR THE DEVELOPMENT OF BICYCLE FACILITIES".

**** 2'-0" MIN. FOR CURB APPROACH. FOR MINIMUM APPROACH SHOULDER WIDTHS SEE BRIDGE DESIGN MANUAL CHAPTER 7 AND AASHTO "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS". 2' ADDITIONAL OFFSET APPLIES TO BRIDGES OVER MDT JURISDICTIONAL FACILITY/ROADWAY.

WHERE AN AUXILIARY LANE ON THE STRUCTURE IS A CONTINUATION OF A RAMP, MATCH THE RAMP SHOULDER AS THE LATERAL CLEARANCE TO THE BRIDGE RAIL. USE 4' (TOTAL) MAX ON LEFT AND 8' (TOTAL) MAX. ON RIGHT.

PREPARED BY
DESIGN DIVISION

6.05.02