ELEVATION - DESIGN SPEED = 45 MPH OR LESS
HMA SHOWN, PCCP SIMILAR

SLOPED END SECTION
CAST-IN-PLACE CONCRETE CONSTANT SLOPE BARRIER - 54 INCH, TL-6
CAST-IN-PLACE CONCRETE CONSTANT SLOPE BARRIER - 42 INCH, TL-6

28'-0'
12'-0" MIN

EDGE OF DECK, TYP

BRIDGE COLUMN, TYP

20'-0" MIN
CALCULATED LENGTH OF NEED

TOP OF PAVEMENT

TRAFFIC

ELEVATION - DESIGN SPEED = GREATER THAN 45 MPH
HMA SHOWN, PCCP SIMILAR

SLOPED END SECTION
CAST-IN-PLACE CONCRETE CONSTANT SLOPE BARRIER - 54 INCH, TL-6
CAST-IN-PLACE CONCRETE CONSTANT SLOPE BARRIER - 42 INCH, TL-6

APPROACH END TREATMENT
(CRASH CUSHION SHOWN, OTHERS SIMILAR)

28'-0'
12'-0" MIN

LODE OF DECK, TYP

BRIDGE COLUMN, TYP

50'-0" MIN
CALCULATED LENGTH OF NEED

TOP OF PAVEMENT

TRAFFIC

NOTES

1. APPROACH END TREATMENTS AND SLOPED END SECTIONS ARE NOT REQUIRED WHEN CONTINUING BARRIER OR USING A BARRIER TRANSITION.

2. DESIGN BRIDGE COLUMN FOR A 400 KIP VEHICULAR COLLISION LOAD APPLIED AT 4 FT ABOVE GROUND WHEN D IS LESS THAN 4 FT.

NOTES

D = 4'-0" TO 10'-0"
SECTION

D = 2" TO 4'-0"
SECTION

D = 4'-0" TO 16'-0"
SECTION

NOT PROVIDED

OUT OF OR CLEAR ZONE

4" MIN HMA

8" MIN POCP OR

6" MIN POCP OR

8" MIN POCP OR

4" MIN HMA

6" MIN POCP OR

4" MIN HMA

6" MIN POCP OR

4" MIN HMA

SLOPED END SECTION

NOTES

26'-0"
CALCULATED LENGTH OF NEED

13'-0" MIN

CALCULATED LENGTH OF NEED

13'-0" MIN

26'-0"