8'-0"

6"   6'-4"   6"

2'-0"

FINISHED GROUND

6'-6"

4'-6"

8"   8"

½" DIA. x 8" BOLT, NUT, AND (2) WASHERS SHALL BE COUNTERSUNK 1", BOTH ENDS

FINISHED GROUND
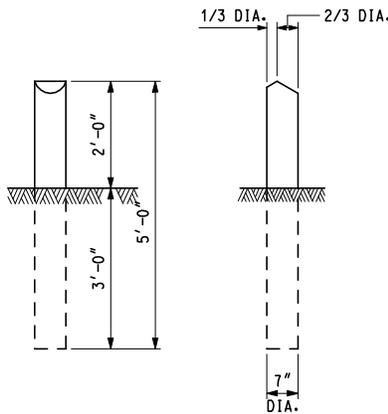
2½"
5"   10"
2½"
1'-2"
3"

6"

WOODEN BUMPER RAIL
(FOR ANGLE PARKING)

1¾"   1"

**CUT - OFF
DETAILS**

8'-0"

6¾" MIN.
8" MAX.

VAR.

1"

2"

45°   ⅛"   2"

9"   9"   1'-6"   9"

4½"   4½"

(2) ¼" REINFORCING RODS

¾" HOLE FOR ⅝" X 1'-4" STEEL ANCHOR PIN (TYP.)

4'-0"

6¾" MIN.
8" MAX.

VAR.

1"

2"

45°

4½"   4½"

9"   9"

(2) ¼" REINFORCING RODS

¾" HOLE FOR ⅝" X 1'-4" STEEL ANCHOR PIN (TYP.)

6" MIN.

(2) ¼" REINFORCING RODS

4"

4"

8" MIN.

CONCRETE PARKING RAIL

MICHIGAN DEPARTMENT OF TRANSPORTATION
BUREAU OF HIGHWAY TECHNICAL SERVICES STANDARD PLAN FOR

**BUMPER & PARKING RAILS,
AND MISC. WOOD POSTS**

9-14-2001	2-26-2001	R-74-D	SHEET
F.H.W.A. APPROVAL	PLAN DATE		1 OF 2

4" SQUARE POST OR
4½" DIAMETER POST

APPROX. 4'-0"

APPROX. 6'-0"

2'-0"

**WOOD MAILBOX
POST**

1/3 DIA. — 2/3 DIA.

2'-0"

3'-0"

5'-0"

7"
DIA.
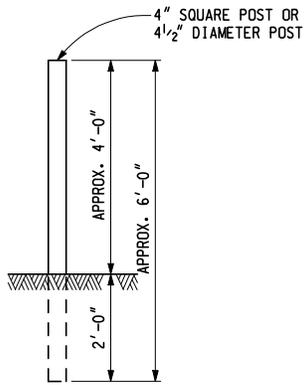
**WOOD GUARD
POST**

* THIS DIMENSION SHALL BE
2'-0" FOR ALL POSTS USED
IN "PARK AND RIDE" LOTS

1" BEVEL

* 1'-6"

FINISHED GROUND

3'-0"

7"
DIA.

**RUSTIC GUIDE
POST**

6"

8"

1" BEVEL

1'-6"

3'-0"
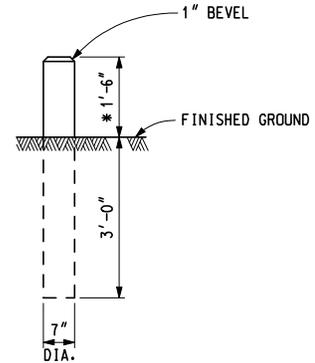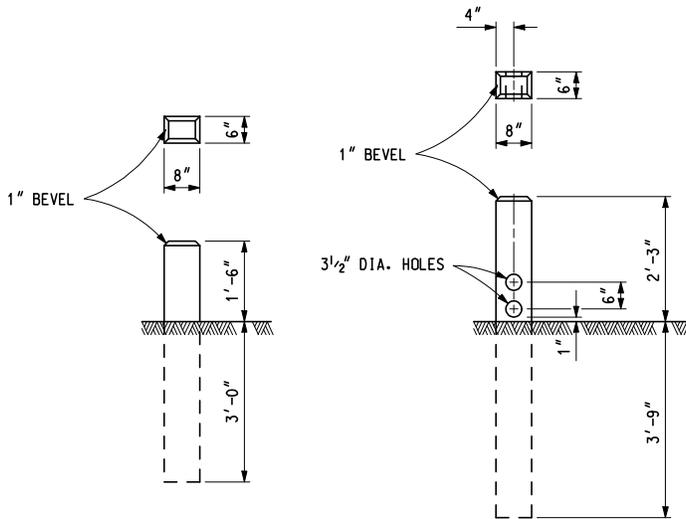
**REST AREA
GUIDE POST**

6" X 8" POST SHOULD NOT BE MIXED
WITH RUSTIC (ROUND) GUIDE POSTS.
PLACE SO THAT 6" DIMENSION FACES
THE PAVED AREA.

4"

6"

8"

1" BEVEL

3½" DIA. HOLES

6"

1"

2'-3"

3'-9"

DIRECTION OF TRAFFIC

**ROADSIDE CONTROL
GUARD POST**

PLACE SO THAT 8" DIMENSION FACES THE
PAVED AREA (PARALLEL TO DIRECTION OF
TRAFFIC)

NOTES:

POSTS AND RAILS SHALL CONFORM TO THE CURRENT STANDARD
SPECIFICATIONS FOR CONSTRUCTION, WHICH INCLUDES ALLOWABLE
SPECIES AND PRESERVATION TREATMENT.

RUSTIC GUIDE POST SHALL BE ACCORDING TO THE CURRENT
STANDARD SPECIFICATIONS FOR RUSTIC CONSTRUCTION.

COUNTERSUNK BOLTS USED IN WOODEN BUMPER RAIL SHALL NOT
EXTEND BEYOND POST SURFACE NOR SHALL THE THREADS EXTEND
LESS THAN ¼" BEYOND THE NUT. PLACE ONE WASHER EACH
BEHIND THE BOLT HEAD AND NUT.

CONCRETE PARKING RAIL SHALL BE CONSTRUCTED IN 8'-0"
LENGTHS UNLESS OTHERWISE INDICATED ON THE PLANS. HOLES
DRILLED IN CONCRETE PAVEMENT FOR ANCHOR PINS WILL BE PAID
FOR AS PART OF CONSTRUCTION OF PARKING RAIL.

ALTERNATE MAILBOX SUPPORT DESIGNS MEETING THE PERFORMANCE
CRITERIA OF NCHRP REPORT 350 MAY BE USED AS APPROVED BY
THE ENGINEER.