BUT < 55 MPH

260' WHERE OPERATING SPEED IS

SHOULD BE 360' ON FACILITIES WHERE OPERATING SPEED IS 55 MPH

DETAIL 1 - RECOMMENDED MINIMUM DISTANCE TO SHIELDED OBJECT

DETAIL 2 - RECOMMENDED MINIMUM DISTANCE TO SHIELDED OBJECT

DETAIL 3 - OPTION 1 - 150 FLARE

DETAIL 3 - OPTION 2 - 1/25 FLARE AT POST 5

NOTE:
1. PARALLEL TYPE END TERMINAL TYPICALLY REDIRECTS STARTING WITH THE THIRD POST FROM THE FREE END.
2. OFFSET AS SHOWN IS SUGGESTED BY ENGINEER FOR MAINTENANCE PURPOSES, IT IS RECOMMENDED THAT THERE BE A MINIMUM OFFSET OF 1' FROM THE EDGE OF TRAVELEDWay TO THE FIRST POST.
3. IF TOTAL CLEARANCE IS NOT POSSIBLE, THE AREA SHOULD BE CLOSED TO THE EXTENT THAT IT RECEIVES SIMILAR TO UNINTERRUPTED PARALLEL HPBO RAILING UPTREAM OF THE END TERMINAL.
4. IF CONDITIONS REQUIRE, RECOMMENDED MINIMUM DISTANCE TO SHIELDED OBJECT MAY BE REDUCED TO THE NERER OF EITHER 15 OR (15+3.7 L) FT.
5. SEE APPROVED MANUFACTURERS DRAWINGS FOR DETAILS OF PARALLEL TYPE END TERMINALS.
6. SLOPES BETWEEN EDGE OF TRAVELEDWay AND SLOPE BREAK SHOULD BE 1:3 MAX. (1:4 OR FLATTER PREFERRED)
7. DISTANCE VARIES (SEE NOTE 7)
8. PARALLEL TYPE END TERMINAL TYPICALLY REDIRECTS STARTING WITH THE THIRD POST FROM THE FREE END.
9. LENGTH OF NEED MAY BE ADJUSTED, AS APPROVED BY ENGINEER, TO SUIT FIELD CONDITIONS (SEE DETAIL 2).
10. FOR NON-HOUSABLE OBJECTS THE DISTANCE TO BE 15 TIMES THE DIAMETER OR HIGHEST POINT OF OBJECT.
11. TRANSITIONS TO PARALLEL TYPE END TERMINAL SHALL BE MADE OVER THE LAST TWO SECTIONS OF BARRIER.
DETAIL "C"

HOLES

‡"

2 ‐ 4"

7" X 4" X "

FOR UNDER THE RAIL TRANSITION ITEMS.

ALL WORK WITHIN PAY LIMIT FOR RAIL TRANSITION WILL BE PAID

NOTES:

(BOTH SIDES)

HOLE IN BOX

‡"

DETAIL "B"

ELEVATION

A

A

B

B

12 GA.

SECTION C-C

DETAIL "A"

PLAN

SECTION A-A

SECTION B-B

DETAIL "C"

NOTE:

ALL WORK WITHIN PAY LIMITS FOR RAIL TRANSITION WILL BE PAID

FOR UNDER THE RAIL TRANSITION ITEMS.

HOLES IN BOX

‡"

(BOTH SIDES)

HOLE

‡"

FOR " BOLT (BOTH SIDES AND W-BEAMS)

NUTS AND WASHERS

8" LONG WITH BOLTS "

CABLES "

CONNECTOR (SEE DETAIL "C")

SECTIONS C-C

DETAIL "A"

PLAN

C

C

WITH NUT AND WASHER

THREADED ROD "

NUTS AND WASHERS

8" LONG WITH BOLTS "

6"

12" TYP.

THE CHANGE FROM 29" HPBO TO 27" BOX BEAM IS

ACCOMPLISHED OVER TWO 12'6" LENGTHS OF HPBO

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