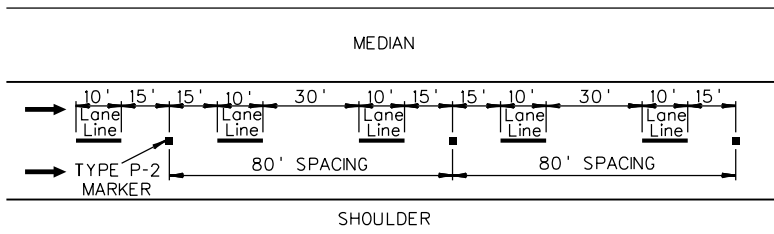


GORE AREA

NOTES:

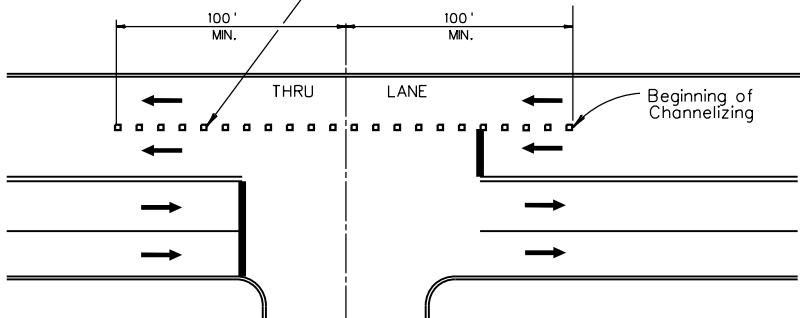
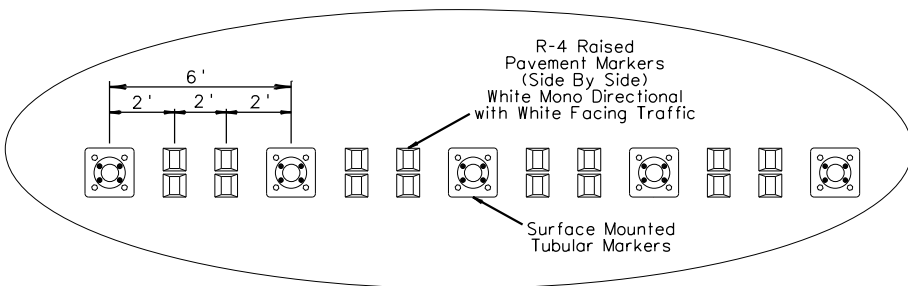
1. MARKER PLACEMENT AT GORES ONLY WHEN SPECIFIED.
2. THE SPACING BETWEEN MARKERS IN THE GORE AREA SHOULD BE APPROXIMATELY 12' APART AND CENTERED BETWEEN THE STRIPES (IF THEY ARE EXISTING).
3. END MARKERS APPROXIMATELY 20' BEYOND EXIT GORE SIGN OR PHYSICAL GORE IF NO SIGN.
4. IF, IN ACCORDANCE WITH DETAIL NOTE 1, MONO-DIRECTIONAL LENSES ARE TO BE UTILIZED ALONG THE SECTION OF ROADWAY CONTAINING THE GORE AREA, BI-DIRECTIONAL WHITE/RED LENSES SHALL BE UTILIZED AROUND THE PERIMETER OF THE GORE AREA. IN ADDITION, BI-DIRECTIONAL WHITE/RED LENSES SHALL BE UTILIZED FOR ALL LANE LINE LENSES BEGINNING 1500' IN ADVANCE OF THE GORE SIGN AND ENDING AT THE GORE SIGN.



LANE LINE OF DIVIDED HIGHWAY

NOTES:

1. BI-DIRECTIONAL MARKERS SHOWN. MONO-DIRECTIONAL REFLECTORS MAY BE REQUIRED. SEE DETAIL NOTES.



CONTINUOUS THRU LANE DELINEATION

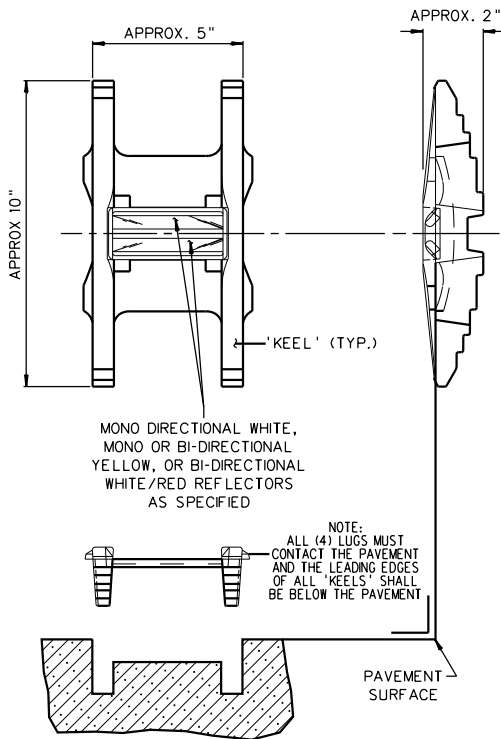
NOTES:

1. LOCATION OF MARKERS ARE SHOWN ON THE PLANS.
2. TYPE R-4 MARKERS ARE NOT TO BE APPLIED OVER PAINT STRIPING.
3. ALL TYPE R-4 MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.

DETAIL NOTES

PAVEMENT MARKERS ARE USED TO SUPPLEMENT EXISTING PAINTED MARKINGS. UNLESS OTHERWISE SPECIFIED, THE COLOR OF THE FACE OF THE REFLECTIVE MARKER LENS VIEWED BY TRAFFIC MOVING IN THE CORRECT DIRECTION SHALL CONFORM TO THE COLOR OF THE MARKING WHICH THEY SUPPLEMENT UNDER BOTH DAY AND NIGHT CONDITIONS. THIS SHALL INCLUDE THE BODY OF THE MARKER FOR TYPE R-4 MARKERS. THE FOLLOWING GUIDELINES SHALL BE USED IN DETERMINING THE CORRECT RPM LENS COLOR(S) TO BE USED FOR VARIOUS APPLICATIONS:

1. FOR THE PURPOSES OF THIS SHEET, MEDIAN WIDTH SHALL BE DEFINED AS THE WIDTH BETWEEN OPPOSING DIRECTIONS OF A DIVIDED HIGHWAY, MEASURED FROM EDGE OF TRAVELED WAY TO EDGE OF TRAVELED WAY, EXCLUDING TURN LANES. MARKERS WHICH SUPPLEMENT WHITE PAVEMENT MARKINGS (LANE LINES AND CHANNELIZING LINES) INSTALLED ON DIVIDED HIGHWAYS HAVING A MEDIAN WIDTH OF THIRTY (30) FEET (9 METERS) OR GREATER OR MARKERS WHICH SUPPLEMENT WHITE PAVEMENT MARKINGS INSTALLED ON DIVIDED HIGHWAYS WITH A MEDIAN WIDTH LESS THAN THIRTY (30) FEET (9 METERS) AND HAVING A RIGID PHYSICAL MEDIAN BARRIER WHICH RESTRICTS VISIBILITY OF THE OPPOSING LANES, SUCH AS A CONCRETE BARRIER WALL OR A DOUBLE FACED GUARDRAIL BARRIER, SHALL BE REFLECTIVE IN BOTH DIRECTIONS (BI-DIRECTIONAL). IN THESE CASES, THE FRONT FACE OF THE LENS SHALL BE WHITE AND THE BACK FACE OF THE LENS SHALL BE RED. EXCEPT AS NOTED HEREIN FOR GORE AREAS AND LANE LINE MARKERS APPROACHING GORE AREAS, ALL MARKERS WICH SUPPLEMENT WHITE PAVEMENT MARKINGS INSTALLED ON DIVIDED HIGHWAYS WITH MEDIAN WIDTH LESS THAN THIRTY (30) FEET (9) METERS AND NOT HAVING A RIGID PHYSICAL MEDIAN BARRIER WHICH RESTRICTS VISIBILITY OF THE OPPOSING LANES SHALL BE REFLECTIVE IN ONE DIRECTION (MONO-DIRECTIONAL) ONLY. IN THESE CASES, THE FRONT FACE OF THE LENS SHALL BE WHITE. IF THE CHARACTERISTICS OF THE ROADWAY ARE SUCH THAT PORTIONS OF THE ROADWAY MEET THE CRITERIA SPECIFIED ABOVE FOR THE PLACEMENT OF BI-DIRECTIONAL REFLECTORS AND OTHER PORTIONS DO NOT, IT SHALL BE ACCEPTABLE TO INSTALL BI-DIRECTIONAL AND MONO-DIRECTIONAL REFLECTORS ALONG THEIR RESPECTIVE APPLICABLE PORTIONS OF THE ROADWAY. HOWEVER, IN SUCH CASES THE MINIMUM LENGTH OF EACH SECTION WITH BI-DIRECTIONAL REFLECTORS PLACED SHALL BE FIVE(5) MILES (8) KM; OTHERWISE, THE REFLECTORS PLACED ALONG SUCH SECTIONS SHALL BE MONO-DIRECTIONAL.
2. WHEN CALLED FOR IN THE PROJECT PLANS, ALL MARKERS INSTALLED TO SUPPLEMENT YELLOW EDGE LINE MARKINGS SHALL BE REFLECTIVE IN ONE DIRECTION (MONO-DIRECTIONAL) ONLY. THE FRONT FACE OF THE LENS SHALL BE YELLOW.
3. ALL MARKERS INSTALLED TO SUPPLEMENT YELLOW CENTER LINE MARKINGS SHALL TYPICALLY BE REFLECTIVE IN BOTH DIRECTIONS (BI-DIRECTIONAL). BOTH LENS FACES SHALL BE YELLOW. NOTE THAT MARKER PLACEMENT AND THE COMBINATION OF MONO-DIRECTIONAL AND BI-DIRECTIONAL YELLOW REFLECTORS TO SUPPLEMENT THE YELLOW MARKINGS OF A TWO WAY LEFT TURN LANE ARE A UNIQUE APPLICATION. THE CONTRACTOR IS ADVISED TO CLOSELY REVIEW THE PROVIDED DETAIL FOR GUIDANCE.



TYPICAL TYPE "P-2" MARKER

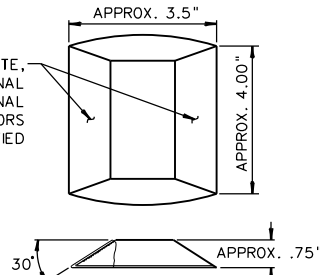
(ITEM 663012-*)

NOTE:
← THIS ARROW ONLY INDICATES DIRECTION OF TRAVEL.

LEGEND

- - BI-DIRECTIONAL (WHITE/RED) WITH WHITE REFLECTOR FACING TRAFFIC
- - MONO-DIRECTIONAL (WHITE)
- ◆ - BI-DIRECTIONAL (YELLOW)
- ▷ - MONO-DIRECTIONAL (YELLOW)

MONO DIRECTIONAL WHITE, MONO OR BI-DIRECTIONAL YELLOW, OR BI-DIRECTIONAL WHITE/RED REFLECTORS AS SPECIFIED

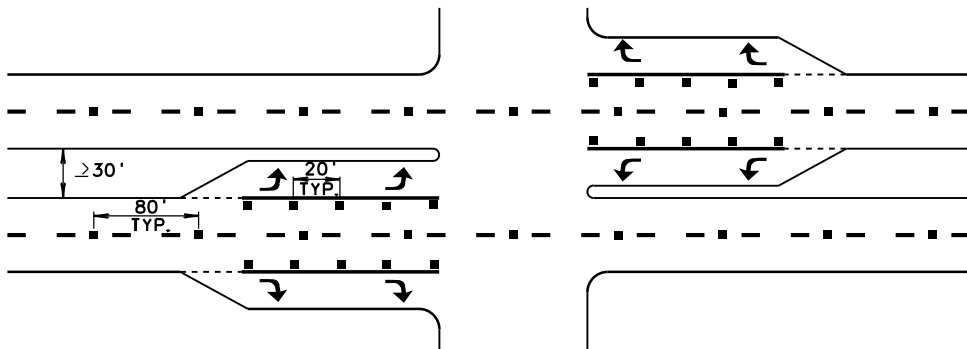


TYPE "R-4" MARKER

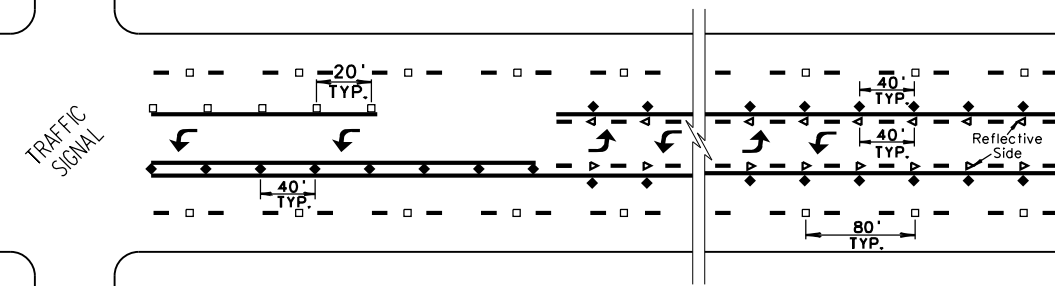
(ITEM 663012-*)

NOTES:

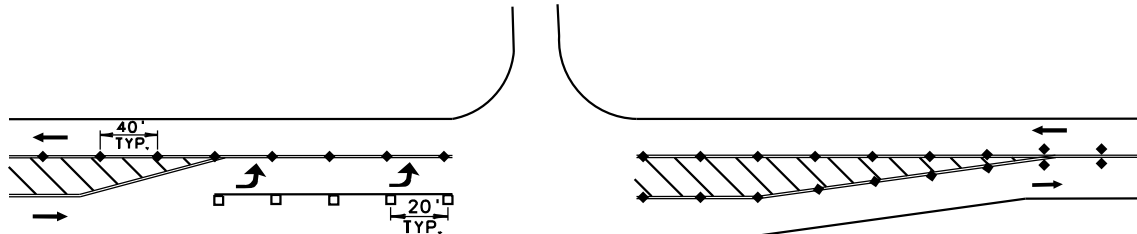
1. BI-DIRECTIONAL MARKERS SHOWN. MONO-DIRECTIONAL REFLECTORS MAY BE REQUIRED. (SEE DETAIL NOTES)



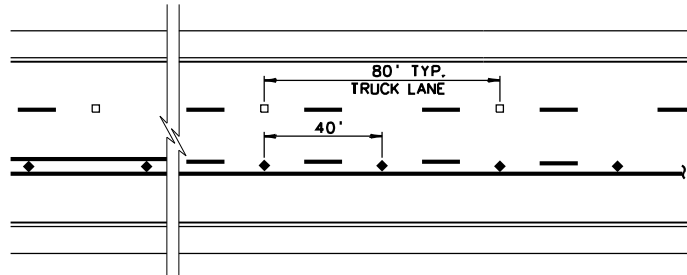
MULTI-LANE ROADWAY WITH AT-GRADE INTERSECTION



MULTI-LANE ROADWAY WITH TWO-WAY LEFT TURN LANE



TWO LANE HIGHWAY WITH LEFT TURN BAY



TWO LANE HIGHWAY WITH TRUCK CLIMBING LANE

- △ ADDED TYPE P-2 MARKERS
- △ REVISED P-2 DIMENSIONS
- △ REVISED P-2, R-4, C-4, C-8 MARKERS
- △ REVISED P-2, ADDED C-6
- △ ENTIRE SHEET

WEST VIRGINIA DIVISION OF HIGHWAYS
REVISED STANDARD DETAIL
RAISED PAVEMENT MARKERS
TYPES "P" and "R"

PREPARED: 7/00/71

REVISIONS
03-00-73
06-00-74
04-22-75
△ 11-23-77
△ 11-10-81
△ 09-05-84
△ 12-10-92
△ 01-29-10
△ 11-22-13

STANDARD SHEET TEM-4