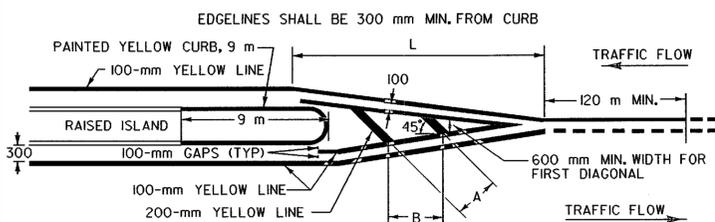


PAINTED ISLAND DETAIL



ISLAND APPROACH MARKINGS

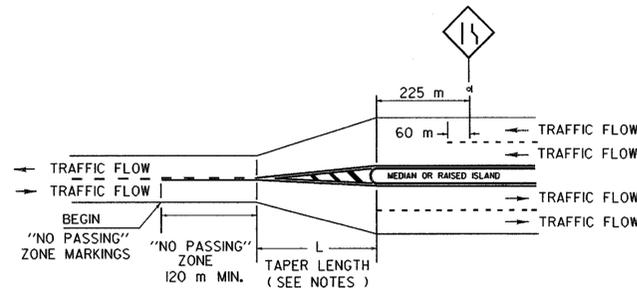
| DIMENSIONS | | CONDITIONS FOR USE | |
|------------|------|--|--|
| A | B | | |
| 1500 | 2100 | LOW SPEED OR HIGH SPEED POOR SIGHT DISTANCE, <60 m | WHERE LENGTH OF DIAGONAL AREA IS 22.5 m MAX. |
| 3000 | 4200 | HIGH SPEED AND GOOD SIGHT DISTANCE, ≥60 m | WHERE LENGTH OF DIAGONAL AREA EXCEEDS 22.5 m |

TAPER LENGTH NOTES

- SEE TABLE ON STD. E-106M FOR TAPER CRITERIA.
- LENGTH "L" CAN BE EXTENDED AS REQUIRED TO IMPROVE VISIBILITY OR TO PROVIDE A SMOOTHER TRANSITION.

NOTE:
A SOLID LINE IN THE DIRECTION OF TRAVEL IS BEGUN AT A LOCATION 120 m MIN. IN ADVANCE OF THE BEGIN TAPER FOR THE PAVEMENT WIDTH TRANSITION.

PASSING ZONE SHOWN FOR REFERENCE ONLY, ACTUAL MARKINGS BASED ON FIELD CONDITIONS.



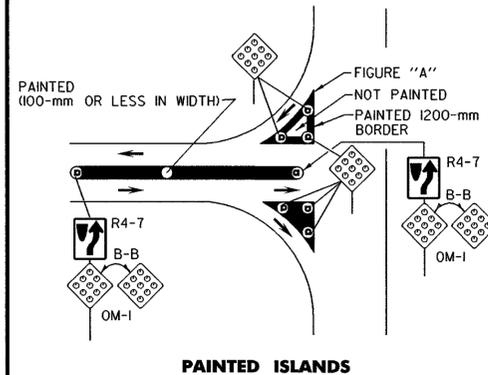
"NO PASSING" ZONE LAYOUT IN PAVEMENT WIDTH TRANSITIONS, TWO LANE HIGHWAY TO DIVIDED HIGHWAY

THE FOLLOWING GUIDELINES WILL BE USED WHEN PAINTING ISLANDS ON STATE HIGHWAYS AND ARE RECOMMENDED FOR ISLANDS ON OTHER SYSTEMS WITHIN THE STATE.

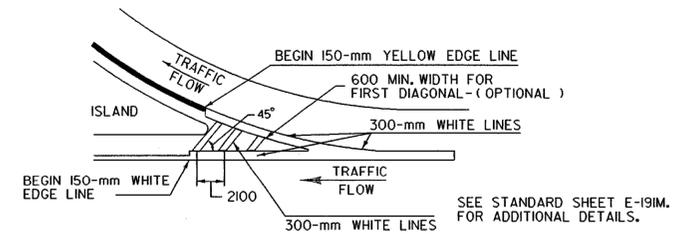
I. PAINTING: ISLANDS WHICH ARE 1.2 m IN WIDTH AND TRIANGLE ISLANDS WHICH ARE LESS THAN 40 m² SHALL BE PAINTED ENTIRELY. TRIANGLES WHICH ARE 40 m² AND LARGER SHALL BE PAINTED WITH A 1.2-m BORDER AS SHOWN ON FIGURE "A" OF THE PAINTED ISLAND DETAIL.

II. SIGNS: ALL APPROACH NOSES TO THE ISLANDS IN THE LINE OF TRAFFIC WILL BE SIGNED WITH A KEEP RIGHT (R4-7) SIGN AS WELL AS OBJECT MARKERS PLACED BACK TO BACK TO INDICATE THE BEGINNING (END) OF THE ISLAND.

III. EXCEPTIONS: THERE WILL BE SPECIAL CASES WHICH REQUIRE AN EXCEPTION TO, OR MODIFICATION OF THIS GUIDELINE. THESE QUESTIONS SHOULD BE REFERRED TO THE TRAFFIC DESIGN ENGINEER OR HIS DELEGATED REPRESENTATIVE.

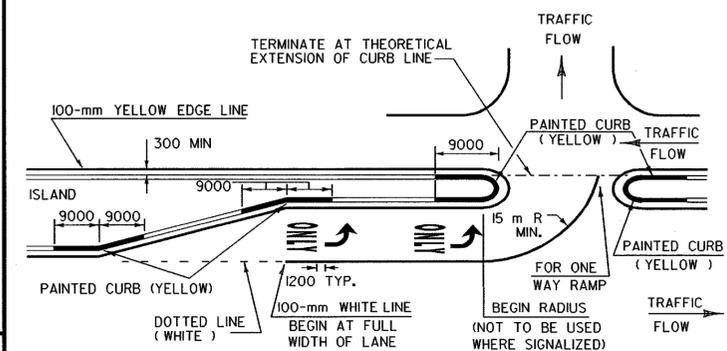


PAINTED ISLANDS

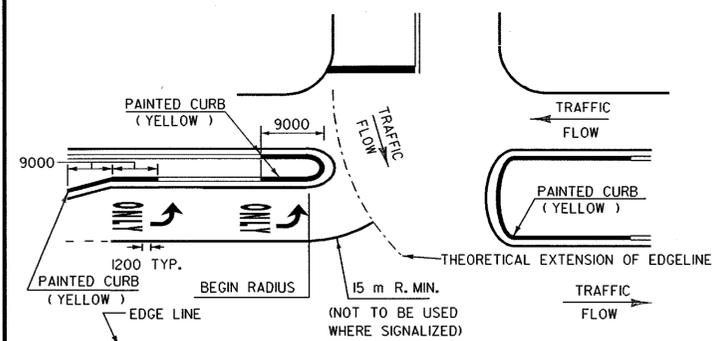


GORE MARKING DETAIL - EXIT

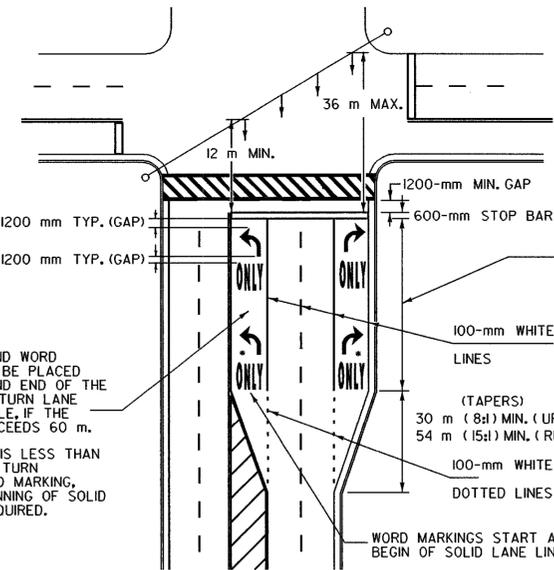
TRANSVERSE LINES



TURN LANE AND PAINTED CURB DETAIL



CURB PAINTING: CURB SHALL BE PAINTED ON THE ISLAND NOSE AND TO A POINT 9 m FROM THE END OF THE ISLAND. IN ADDITION, CURB SHALL BE PAINTED 9 m FROM ANY CHANGE IN CURB DIRECTION.



TYPICAL MARKINGS FOR SIGNALIZED INTERSECTION

EXCLUSIVE TURN LANES (LEFT OR RIGHT) LANE LINES SHALL BE SOLID AND EXTEND BACK FROM THE STOP LINE TO THE POINT OF FULL LANE WIDTH OF THE TURN LANE.

THE MINIMUM STORAGE LENGTH IS 15 m.

A. STORAGE LENGTH PROVIDED FOR QUEUING:

1. SIGNALIZED

a. PREFERRED METHOD: HIGHWAY CAPACITY MANUAL.

b. ESTIMATION METHOD.

(HOURLY VOLUME OF LT) (2)(7.5 m/VEHICLE)(CYCLES) HOUR

2. UNSIGNALIZED

ASSUME A 60 SECOND CYCLE LENGTH AND APPLY THE EQUATION FOR SIGNALIZED ESTIMATION METHOD.

B. ADDITIONAL STORAGE LENGTH FOR DECELERATION:

(TAPER/DECEL. FROM CHART) - (MIN. TAPER) - 0.5 (STORAGE - 15 m)

AVERAGE RUNNING SPEED (km/h)

TAPER/DECEL BASED ON A 15 km/h REDUCTION (m)

30 30

40 40

50 50

60 65

70 80

80 95

90 115

100 145

THIS SHEET NOT TO SCALE

OTHER STDS. E-106M E-193M REQUIRED: E-191M

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED.

REVISIONS AND CORRECTIONS

JUNE 13, 1997 - ORIGINAL APPROVAL DATE
OCT 13, 1998 - CHANGED GORE MARKING DETAIL
DEC 28, 1998 - CHANGED GORE MARKING HATCHING TO 300MM PER FHWA

APPROVED

[Signature]
DIRECTOR OF PROJECT DEVELOPMENT

PAVEMENT MARKING DETAILS



Metric STANDARD E-192M