1. Use current edition of the AASHTO A Policy on Geometric Design of Highways and Streets for design of roadway elements not shown on the standard drawings.

2. Use current edition of the AASHTO Roadside Design Guide and STD DWG DD 17 for clear zone requirements.

3. Use merge sign (W4-1) when tangent ramp length exceeds the AASHTO acceleration length. Place dotted line to the halfway point of the AASHTO acceleration length when using the W4-1 sign. Do not use lane ends sign (W4-2) when using the W4-1 sign.

4. Use added lane sign (W4-3) when distance "D" is less than or equal to the AASHTO acceleration distance. Place dotted line to the 3/4 "D" point when using the W4-3 sign. Place lane ends sign (W4-2) only when using the W4-3 sign.

5. See STD DWG BT 2 and STD DWG BT 3 series for pavement markings.

6. Standards shown are minimum values. Exceed standards if conditions permit.

7. For taper length "L" and length "D" see tables I and II on STD DWG DD 3.

8. Terminate ramp control line opposite the freeway station shown on the plans at a point 12 ft outside the nearest edge of the freeway traffic lanes.

9. Use entrance ramp geometry as shown when ramp meter stop bar is at or upstream from inside the ramp control line. Terminates short entrance ramp geometry to begin at ramp after when ramp stop bar is down stream from where ramp control line terminates.

10. Begin independent vertical profile opposite the freeway station shown on the plans at a point 40 ft outside the nearest edge of the freeway traffic lanes.

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