



Recommended Changes to the Crossover Guidelines

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Purpose of the Guidelines

- To Provide Reasonable Access
- To Preserve Mobility along the Corridor
- To Maintain Safety
- To Improve Consistency
- To Provide Information



Need for Revisions

- The Frequency of exceptions to the existing guidelines
- The current guidelines do not meet safety needs
- Current guidelines appear to encourage All-movement crossovers



Need for Revisions

- Current Guidelines frequently misunderstood
- Inappropriate applications and interpretation of current guidelines



Committee to Revise Guidelines

- J. Kevin Lacy, P.E -- Chair
- Art McMillian, P.E.
- David Scheffel, P.E.
- Tony Wyatt, P.E.
- Nathan Phillips, P.E.
- Troy Peoples, P.E.
- Deborah Barbour, P.E.



Hold your Horses

The Division and Regional Staff will have an opportunity to comment

Presented Draft Guidelines to Some Division Engineers

- Bention Payne, P.E.
- Carl McCann, P.E.
- Ron Watson, P.E.

We will present to the Operations Staff Meeting in June



Field Comments

- We expect that the Division Engineers will get comments from their staff
- Regional Engineers will also get opportunity to provide feedback



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Goals of Recommended Changes

- To encourage use of directional crossovers
- To inform people that all-movement crossovers are not desirable
- Remove misunderstandings



Goals of Recommended Changes

- Place the responsibility of need for a crossover on the requestor
- Tie criteria to more concrete characteristics of the facility
- Provide guidance to Design Engineers to not place crossovers just because space exists.



Recommended Changes

Types of Crossovers

- Use of Alternative Routes and Access, NO CROSSOVERS
- Directional Crossovers
- Median U-turn Crossovers
- All Movement Crossovers



Recommended Changes

Additional General Guidelines

- Increased from 4 to 11
- The availability of space alone is not justification for the crossover
- Crossovers must show a benefit to operations and safety that the current system cannot adequately service
- The Department Reserves the right to close or modify any crossover



Recommended Changes

Additional General Guidelines

- Increased from 4 to 11
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Recommended Changes Urban/ Rural and Speeds

- Where the 2000 and 1200 feet spacing is not met, then ONLY directional crossovers will be permitted. However, the general guidelines must be met.



Recommended Changes

Responsibility for Placement (New)

- Highway Design Branch will only show crossovers for arterial, major collectors and major traffic generators on public hearing maps.
- Intermediate crossovers shall not be specified or addressed in the planning documents.
- The Highway Design Branch should consult the Division Office concerning the level of access management for the corridor



Recommended Changes

Responsibility for Placement (NEW)

- The Highway Design Engineer will determine if requested crossovers are justified and if so the appropriate crossover type.
- Intermediate crossovers shall not be specified or addressed in the planning documents.
- Prior to approval, all contractual agreements for crossovers must be reviewed by the Division Office, highway Design Branch and Traffic Engineering.



Recommended Changes

Responsibility for Placement (Existing)

- It is the responsibility of the requesting party to provide justification, or the means to acquire the information for the crossover
- Only the crossover type that meets the operational and safety needs will be permitted
- The Department maintains the right to close or modify any crossover it deems operationally unsafe or causes undue delay.



Recommended Changes

Emergency Crossovers on Full Control Facilities

- No closer than 1/2 mile from an overhead structure
- No closer than one mile from the terminus of a ramp acceleration or deceleration lane.
- Minimum of three mile spacing between adjacent emergency crossovers BETWEEN interchanges.



Recommended Changes

Emergency Crossovers on Full Control Facilities

- Must meet decision sight distance
- Engineering study must indicate need for emergency crossover



QUESTIONS?