

Department of Public Works

Requests for Intersection/Signal Inclusion in the Road Impact Fee Checklist

The purpose of the presentation to the Road Impact Fee Advisory Committee is to request that the committee recommend that an intersection be included as eligible for credit in the fee program. The Road Impact Fee includes the cost of 63 Eligible Intersection Improvements. Unlike Eligible Improvements, Eligible Intersection Improvements have not been specifically identified for inclusion in the Program in order to afford maximum flexibility. The report and presentation to the committee are to request a recommendation to utilize one of the Eligible Intersection Improvements on a specific intersection. Unit costs for signals are \$350,000 and roundabouts are \$700,000.

Report Contents

The report to be presented to the Road Impact Fee Advisory Committee shall contain all components of the checklist plus additional necessary information relating to the development, improvements needed and reasoning for the criteria determination. Such additional information shall include at least the following:

Background Information About the Development

- 1) Date Submitted
- 2) Applicant Name and Contact Information
- 3) Development Name and File Numbers
- 4) Location Map
- 5) Discussion of what is being developed, number and type of development
- 6) Site Development Plan

Intersection or signal request – Specific Details

- 7) Presentation of functional classes of the roads – current and as in the currently adopted Major Transportation Corridors Plan future functional class and the corridor preservation functional class.
- 8) Presentations of data that shows MUTCD warrant analysis, if warrants are met or when warrants are projected to be met.
- 9) Presentation of improvements needed at the intersection.
- 10) Presentation and discussion of future developments that will impact the intersection.

Trip Generation

- 11) Presentation of trip generation from the development.
- 12) Presentation of direction of the trips.
- 13) Presentation of the percent of trips at the intersection and the total number of trips at the intersection.

Review of Criteria from Appendix 2 of the Implementation Document

14) Presentation of the review criteria and how the development does or does not apply to the development (attached below).

Appendix 2: Eligible Intersection Improvements

The Road Impact Fee includes the cost of 63 Eligible Intersection Improvements. Unlike Eligible Improvements, Eligible Intersection Improvements have not been specifically identified for inclusion in the Program in order to afford maximum flexibility. To qualify as an Eligible Intersection Improvement, the proposed traffic control signal or roundabout must meet the following criteria:

1. The traffic control signal or roundabout must be identified as warranted by the long range planning horizon in a County-approved Traffic Impact Study that includes a signal warrant study and is prepared by a Colorado Registered Professional Engineer in accordance with the current Engineering Criteria Manual. The intersection must also be owned and maintained by El Paso County or is listed as an eligible State intersection in the Road Impact Fee Study.
2. The intersection at which a traffic control signal or roundabout is warranted cannot include a local road, a private road or access, a driveway, or an access to a single land use (for example, an entrance to a shopping center or a large apartment complex). For exceptions to these criteria, see paragraph 5.a below.
3. A signal or roundabout will not qualify as eligible if a new development is the primary trigger for the signal or roundabout warrant and the primary purpose of the signal or roundabout is to control access to and from that development.
4. Automatic qualification: if a proposed traffic signal or roundabout meets the above criteria, it automatically qualifies as an Eligible Intersection Improvement if it is at the intersection of:
 - a. Two roads identified in the Major Transportation Corridors Plan (MTCP); or
 - b. One road identified in the MTCP and another County non-local road.
5. Requested qualification: if a proposed traffic signal or roundabout meets the criteria in paragraphs 1-3 above, but does not automatically qualify under paragraph 4, a developer may request qualification as an Eligible Intersection Improvement from the Advisory Committee and the Board of County Commissioners. To request qualification, the proposed improvement must be at the intersection of:
 - a. One road identified in the MTCP and a local road to which the developer will construct road improvements changing the functional classification of the road to other than a local road; or
 - b. A new road not listed in the MTCP but constructed by the developer as a non-local road, and an existing non-local road.

The Board of County Commissioners must approve the functional classification of the improved or new road in connection with a land use application or County-initiated project in order for an intersection improvement to qualify under this paragraph.