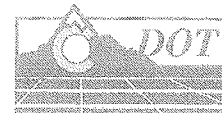


DEPARTMENT OF TRANSPORTATION

Traffic & Safety Section

222 South 6th Street, Room 100
Grand Junction, Colorado 81501
(970) 683-6287 Fax: 970-683-6290



Date: October 12, 2010
To: City/County Transportation Officials
From: Alisa Babler
Permit Unit Engineer
Subject: **CDOT Region 3 Intersection Analysis and Prioritization
Request for Applications**

CDOT Region 3 Traffic and Safety (CDOT) has commissioned Fehr and Peers to complete the Intersection Analysis and Prioritization Study. The intent of this study is to update the study done in 2007, develop a methodology, and prioritize intersection improvements for the use of the TPR and CDOT in a multi-year funding program. Up to three intersections per county will be analyzed in-depth and ranked, to assist in developing priorities for CDOT and the TPR. The study will analyze the intersections, identifying long and short term improvements to address deficiencies, and recommend prioritization for future funding.

At this time we are requesting intersection applications for the study. Intersections for consideration should have safety or operational issues and be located on the state highway system. We are requesting that counties submit up to three intersections for inclusion in the study. Additionally, please provide the application packet to cities within your respective county for additional submittals by the city if desired. All intersections submitted will be compiled and an initial evaluation done to establish the top three intersections in the county for an in-depth analysis and inclusion in the study. Intersections not included in the in-depth analysis will be provided as a list in the appendix for future reference.

Any supporting data and documentation available, as it relates to the intersection, will be useful in determining applicable improvements and the final priority of the intersection. The application should include as many specifics as possible regarding deficiencies of the intersection, time of day, impacts of weather, geometric constraints, right of way constraints, crash history, and any other site specific information available.

Please provide your applications no later than **December 15, 2010**. Completed applications should be sent to:

Emily Gloeckner, P.E.
Fehr & Peers Transportation Consultants
621 17th Street, Ste. 2301
Denver, CO 80293
E.Gloeckner@fehrandpeers.com

Phone: 303-296-4300
Fax: 303-296-4302

Thank you for assisting us in the development of this program. Should you have any questions, please feel free to contact the CDOT project manager, Alisa Babler at 970-683-6271 or the Fehr & Peers project manager, Emily Gloeckner, at 303-296-4300.

Region 3 Intersection Analysis and Prioritization
Intersection Application

Requesting Agency

Agency Name	Garfield County
Contact Person	Betsy Suerth
Title	Garfield County Project Engineer
Email	bsuerth@garfield-county.com
Phone Number	970-945-8212 x1600
Mailing Address	108 8th Street #401 Glenwood Springs, CO 81601

Intersection Location			
Highway (example, US 50)	State Highway 82		
Highway Milepost	6.5		
Local Cross Street name	CR 154 & 114		

Is the Cross Street (check one) Public ROW Private Drive Other

Intersection Information

Type of Intersection (check one)	Signal <input checked="" type="checkbox"/>	Minor St Stop	All Way Stop	Other:
Nearby Driveways	Yes: 4 business and residential (restr. by median) Distance between intersections: 250' to 1000'			No
Traffic Mix (check all that apply)	Trucks <input checked="" type="checkbox"/>	Pedestrians <input checked="" type="checkbox"/>	Bicycles <input checked="" type="checkbox"/>	Other: RFTA STOPS
Intersection Issues	Please describe the types of safety or operational issues at the intersection.			
Safety Issues:	55mph speed zone. Eastbound approach is in curve, limiting signal's visibility. EB & WB left turn pockets are substandard length, storage, & taper. EB & WB acceleration lanes are of substandard length & taper. Rio Grand Trail crosses south leg @ signal (CR 154)			
Operational Issues:	<ul style="list-style-type: none"> - Short turn lanes on mainline don't allow for adequate queuing storage. - Side street approaches have short storage lengths. - Adjacent accesses to north (CR 114) & South (CR 154) create queuing & blocking problems. 			

Intersection Deficiencies

Please provide a brief description of the existing intersection deficiencies and associated safety concerns, including time of the concerns (day of the week/hour(s)/seasons/time/weekday/weekend/holiday/etc):

Please refer to attached existing conditions analysis.

Primary operational problems occur during weekday peak hours. Safety problems exist at all times.

Mitigation

Please provide a brief description of possible mitigations, improvements, and/or projects to mitigate the safety concerns at the intersection:

- Lengthen turn lanes (accel & decel) to CDOT standards.
- Provide better advance warning along SH82 for the intersection; including signing &/or flashing beacon connected to signal controller.
-

Are there any existing plans for improvements for this intersection? Yes/No. If yes, please explain:

No

Are any additional funding sources available for this project? Yes/No. If yes, please explain:

Potential developer involvement.

Does this intersection have impacts to adjacent intersections, roadways, etc? If yes, please explain:

Part of SH82 corridor. Adjacent restricted accesses could be improved with acceleration lane extensions that would overlap w/ these adjacent private accesses.

Additional Information

To assist in analyzing the intersection please attach the following information if available/applicable:

- Accident data, including police reports if available
- Traffic Volumes, such as AADT/ADT, peak hour volumes, peak hour turning movement counts
- Traffic Studies
- Pedestrian Counts
- Bicycle Counts
- Existing signal timing or Synchro files
- Existing construction plans
- Survey data
- Aerial photos
- Photographs of the intersection
- Right of Way maps
- Any other data/documentation to assist in analyzing the intersection

Region 3 Intersection Analysis and Prioritization
Intersection Application

Requesting Agency

Agency Name	
Contact Person	
Title	
Email	
Phone Number	
Mailing Address	

Intersection Location

Highway (example, US 50)			
Highway Milepost			
Local Cross Street name			
Is the Cross Street (check one)	Public ROW	Private Drive	Other

DEPARTMENT OF TRANSPORTATION
Traffic & Safety Section

Intersection Information

Type of Intersection (check one)	Signal	Minor St Stop	All Way Stop	Other:
Nearby Driveways	Yes: Distance between intersections:			No
Traffic Mix (check all that apply)	Trucks	Pedestrians	Bicycles	Other:
Intersection Issues	Please describe the types of safety or operational issues at the intersection.			
Safety Issues:				
Operational Issues:				

Intersection Deficiencies

Please provide a brief description of the existing intersection deficiencies and associated safety concerns, including time of the concerns (day of the week/hour(s)/seasons/time/weekday/weekend/holiday/etc):

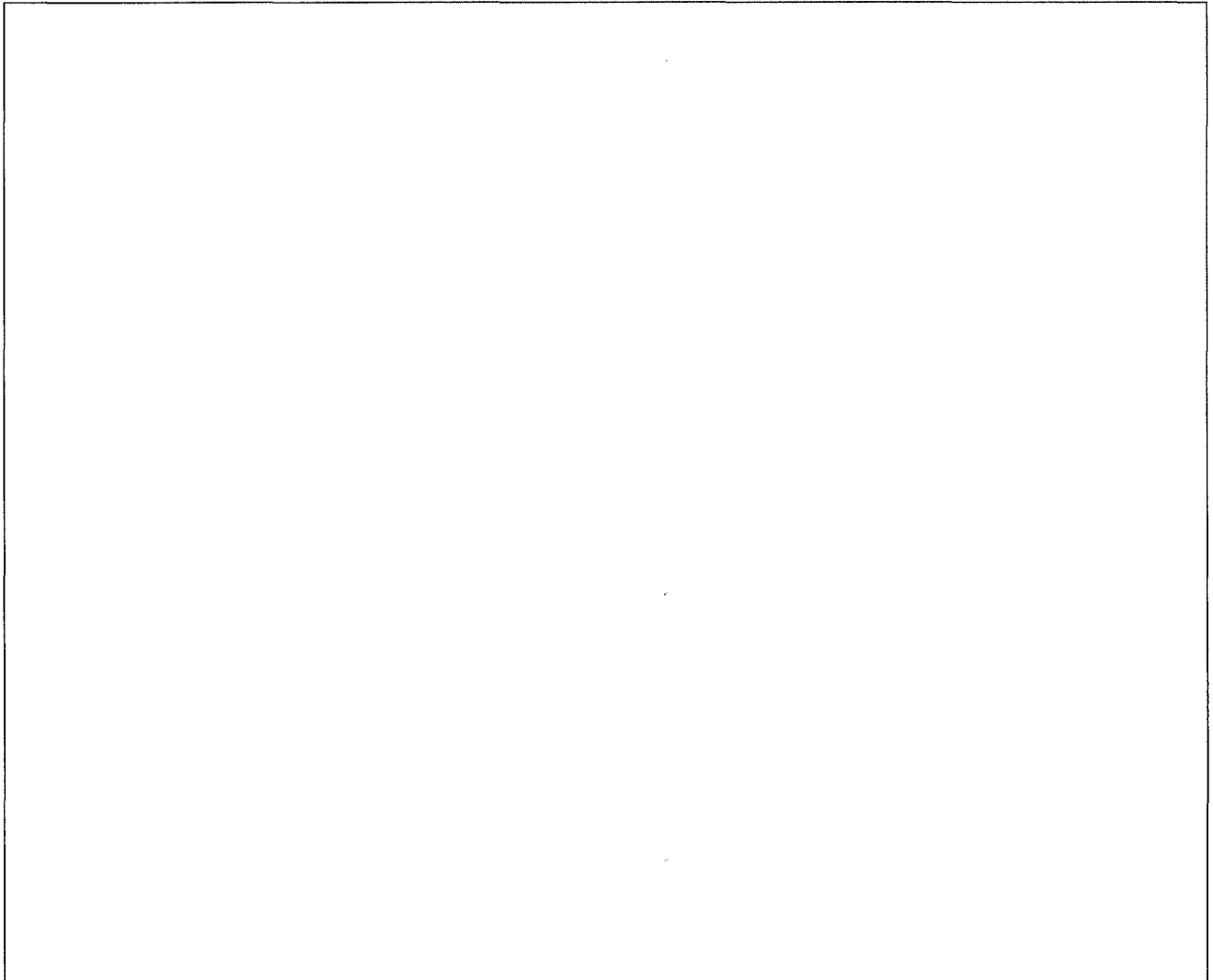
[Empty rectangular box for providing details on intersection deficiencies and safety concerns.]

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Traffic & Safety Section

Mitigation

Please provide a brief description of possible mitigations, improvements, and/or projects to mitigate the safety concerns at the intersection:



Are there any existing plans for improvements for this intersection? Yes/No. If yes, please explain:

Are any additional funding sources available for this project: Yes/No. If yes, please explain:

Does this intersection have impacts to adjacent intersections, roadways, etc? If yes, please explain:

DEPARTMENT OF TRANSPORTATION

Traffic & Safety Section

Additional Information

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Region 3 Intersection Analysis and Prioritization
Intersection Application

Requesting Agency

Agency Name	
Contact Person	
Title	
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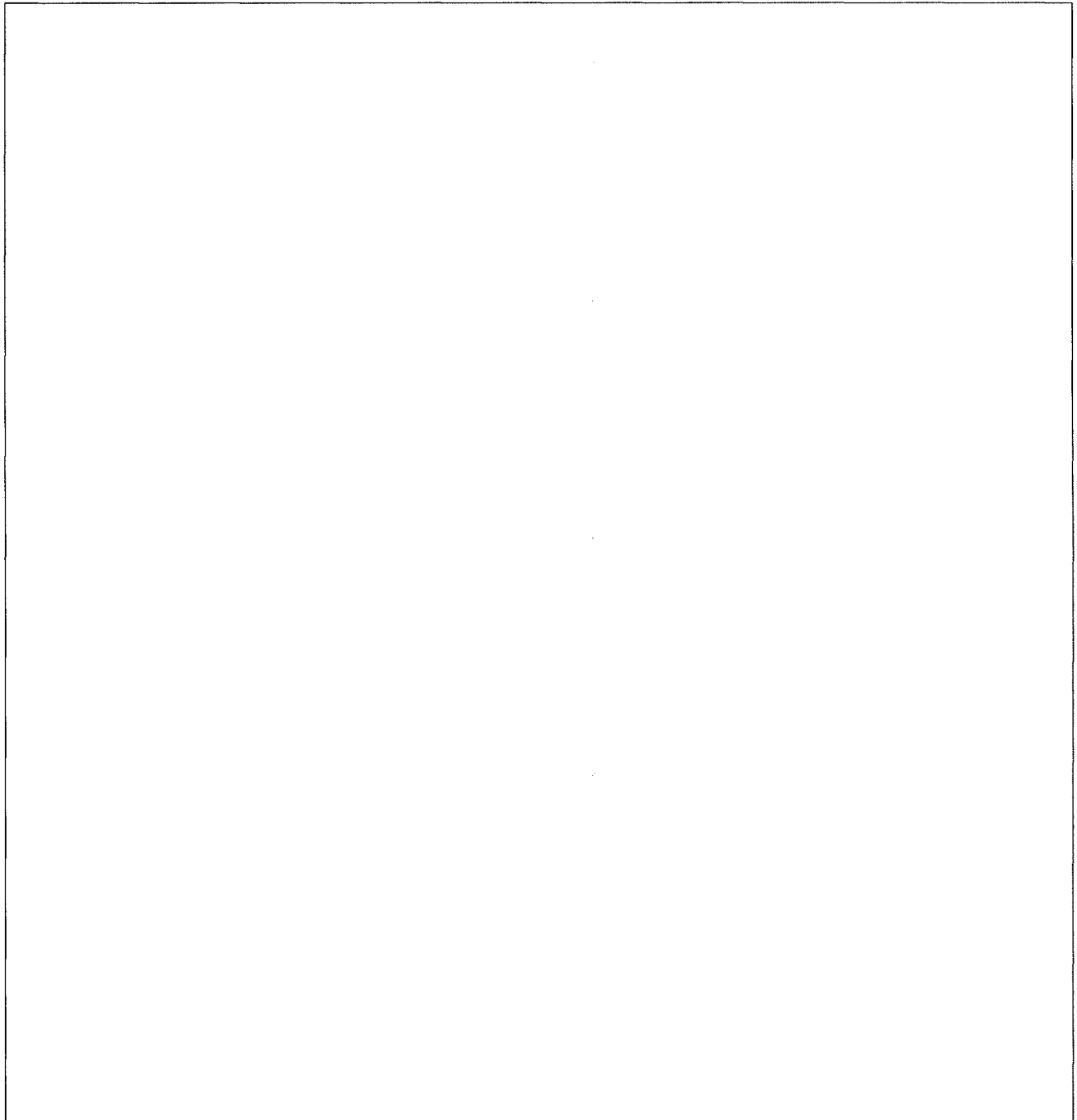
DEPARTMENT OF TRANSPORTATION
Traffic & Safety Section

Intersection Information

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Nearby Driveways	Yes: Distance between intersections:			No
Traffic Mix (check all that apply)	Trucks	Pedestrians	Bicycles	Other:
Intersection Issues	Please describe the types of safety or operational issues at the intersection.			
Safety Issues:				
Operational Issues:				

Intersection Deficiencies

Please provide a brief description of the existing intersection deficiencies and associated safety concerns, including time of the concerns (day of the week/hour(s)/seasons/time/weekday/weekend/holiday/etc):

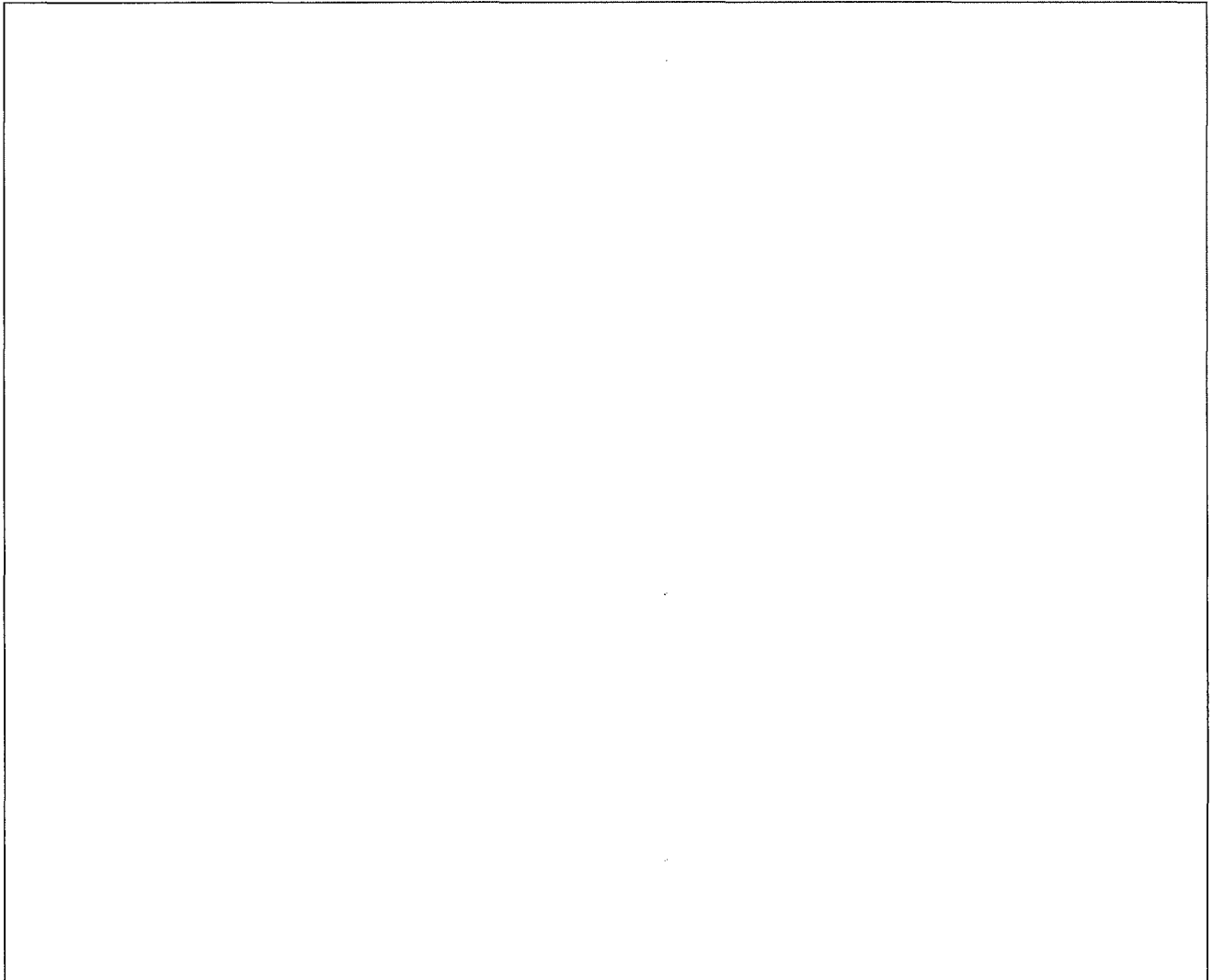
A large, empty rectangular box with a thin black border, intended for the user to provide a detailed description of intersection deficiencies and safety concerns as requested in the text above.

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Traffic & Safety Section

Mitigation

Please provide a brief description of possible mitigations, improvements, and/or projects to mitigate the safety concerns at the intersection:



Are there any existing plans for improvements for this intersection? Yes/No. If yes, please explain:

Are any additional funding sources available for this project: Yes/No. If yes, please explain:

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Traffic & Safety Section

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