

STATE OF COLORADO

DEPARTMENT OF TRANSPORTATION

Traffic & Safety Section

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



Region 3 Intersection Analysis and Prioritization
Intersection Application

Requesting Agency

Agency Name	City of Craig
Contact Person	Jim Ferree
Title	City Manager
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Phone Number	(970) 826-2023
Mailing Address	300 West 4 th Craig, CO 81625

Intersection Location

Highway (example, US 50)	US 40		
Highway Milepost	89		
Local Cross Street name	County Road 7 (Great Divide Road)		
Is the Cross Street (check one)	Public ROW <input checked="" type="checkbox"/>	Private Drive <input type="checkbox"/>	Other <input type="checkbox"/>

Intersection Information

Type of Intersection (check one)	Signal <input checked="" type="checkbox"/>	Minor St Stop	All Way Stop	Other:
Nearby Driveways	Yes: 1) Loaf & Jug Convenience Store and Gas Station 2) Frontage Roads on north side of intersection			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:	In addition to turning conflicts from nearby intersection referenced above, this is an area of town experiencing the most urban development. In late 2009 a new hospital was completed to the north of this intersection and a new academic building for Colorado Northwestern Community College (CNCC) is currently under construction. This growth could strain the capacity of this intersection. For example there may be need for left turn lanes on the north and south approaches.			

Operational Issues:	This is a signalized intersection. If improvements are made to the intersection, modifications to the signals may be required.
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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):

County Road 7 on the north side of the intersection is a paved road with a two-lane cross section. There is a traffic impact study completed in April 2007 for the Hospital and CNCC. Although Delich Associates concluded that the intersection would operate “acceptably”, CDOT believes that a new access permit will be required due to increased traffic after the completion of Phase I of the college. And, CDOT believes that a left turn lane on County Road 7 may be required.

There were 17 accidents at this intersection between 1/1/07 and 12/31/09. There were 3 injury accidents with property damage and 14 property damage only.

The time of day concerns will be morning and evening peak hours during the week when employees are going to work at the Hospital and College.



Mitigation

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

Possible mitigations include left turn lanes on the north and south sides of the intersection with associated left turn arrows added to the signal light configuration.
Closing the frontage road on the northeast corner of the intersection or limiting the movements to right turn in/right turn out only.

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:

Yes, Although there are no funds currently budgeted, local funds may be available.

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

Yes. There are frontage road intersections immediately adjacent to the intersection on north side running parallel to US 40.

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

Attached is Traffic impact Study by Delich Associates for The Memorial Hospital and Colorado Northwestern Community College (April 2007)

Attached are traffic volumes at this intersection taken in 2009 by Stantec for a Transportation Plan update for the City of Craig.

