







**From:** [REDACTED] Babler, Alisa

[Alisa.Babler@DOT.STATE.CO.US]

**Sent:** [REDACTED] Wednesday, January 05, 2011 7:44 AM

**To:** [REDACTED] Emily Gloeckner

**Subject:** [REDACTED] FW: Intersection Priority Info

FYI

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**From:** Marlene Crosby [<mailto:MCrosby@gunnisoncounty.org>]

**Sent:** Wednesday, January 05, 2011 7:38 AM

**To:** Babler, Alisa

**Subject:** Intersection Priority Info

Good Morning,

Thank you for the opportunity to submit the intersection information late. I did FAX in three priorities yesterday afternoon. I submitted the intersection at HW #135 and CR #740 which is Cement Creek. I did want you to know that Ron Alexander and I have had numerous discussions about this intersection and according to Ron it does meet CDOT intersection criteria. It is not a priority with me, but I submitted it because Chris Behan from the Crested Butte South Property Owners Association has raised the issue on many occasions with me, with the County Manager and with the Board of County Commissioners.

Part of the emphasis was that they wanted to get the road moved over and hoped they could use part of the ROW and some adjacent property for a parking lot for bus service. They heard very clearly from the property owner that there was no way that would happen without a fight, so I have not heard any more about the intersection.

Thank you,  
Marlene

**GUNNISON COUNTY, COLORADO**  
**PUBLIC WORKS DEPARTMENT**

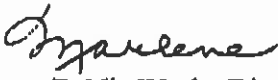
811 RIO GRANDE  
GUNNISON, CO 81230

Phone: (970) 641-0044

Fax: (970) 641-8120

**FAX TRANSMITTAL COVER SHEET**

**TO:** Alisa Babler  
Permit Unit Engineer

**FROM:** Marlene D. Crosby   
Assistant County Manager/Public Works Director

**DATE:** 1/4/2011

**SUBJECT:** Intersection Information

**COMMENTS:**

To follow please find the information regarding three (3) intersections in our area, in no particular order.

I did not send a copy of this information to Emily Gloeckner, P.E. If you could forward this information to her it would be much appreciated.

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**THIS TRANSMISSION CONSISTS OF 16 PAGES, INCLUDING THE COVER SHEET. IF YOUR FAX IS INCOMPLETE OR DOES NOT TRANSMIT PROPERLY, PLEASE CALL 970/641-0044, OR FAX TO 970/641-8120**

**DEPARTMENT OF TRANSPORTATION**  
Traffic & Safety Section

**Region 3 Intersection Analysis and Prioritization**  
**Intersection Application**

**Requesting Agency**

Agency Name	Gunnison County
Contact Person	Marlene D. Crosby
Title	Assistant County Manager / Public Works Director
Email	mcrosby@gunnisoncounty.org
Phone Number	970-641-0044
Mailing Address	811 Rio Grande Gunnison, CO 81230

**Intersection Location**

Highway (example, US 50)	HW #135		
Highway Milepost	20.7		
Local Cross Street name	Cement Creek Road- CR #740		
Is the Cross Street (check one)	Public ROW <input checked="" type="checkbox"/>	Private Drive	Other

**DEPARTMENT OF TRANSPORTATION**  
Traffic & Safety Section

Intersection Information

Type of Intersection (check one)	Signal	Minor St Stop <input checked="" type="checkbox"/>	All Way Stop	Other:
Nearby Driveways	Yes: <input checked="" type="checkbox"/> Distance between intersections: HW #135 - 1 driveway at 20.3 (west side of HW) CA #740 - 3 driveways with first .15 mile			No
Traffic Mix (check all that apply)	Trucks <input checked="" type="checkbox"/>	Pedestrians <input checked="" type="checkbox"/>	Bicycles <input checked="" type="checkbox"/>	Other:
Intersection Issues	Please describe the types of safety or operational issues at the intersection.			

1 on south  
2 on north  
Side

**Safety**

Gunnison County has found it very difficult to obtain accident information from the Colorado State Patrol office. Hopefully CDOT has better access to that information. In all cases, accident information does not address the near misses, which result in someone going off into the ditch or avoiding an accident by driving defensively.

Winter conditions cause the biggest safety issue at this intersection. The snow line for many storms is near this intersection. Drivers heading north out of Gunnison are often on dry pavement which rapidly turns to icy, snowy roads very close to this intersection. It is also an area where the wind blows very hard west to east.

The traffic at this particular intersection is very high both in the morning and in the evening, since most of the residents travel to Gunnison or Crested Butte to work. In the evening when it gets dark so early there is a valid safety concern. The Crested Butte South Property Owner's Association tried to help address the lack of visibility both during bad weather and at night by installing a light. It is my understanding that they paid for the light, the installation, and also pay the monthly electric bill for the light.

**Operational Issues:**

During the CDOT project on HW #135 there were no improvements made to this intersection. Gunnison County has not made any major improvements to the intersection within the CDOT ROW, but we have paved CR #740 and added a bike lane. The Crested Butte South Property Owner's Association is concerned because it is not a perpendicular intersection. Their contention is that it would be much more efficient, safer, and visibility would be improved if the intersection was a 90 degree intersection. Gunnison County has tried to address their concerns by moving the location of the stop sign and with pavement markings which include a stop line that improves visibility.

Gunnison County does traffic counts on the road and has for many years. We have a loop counter in the road which counts traffic moving in both directions. We do not do any seasonal adjustments, we just take raw data. Traffic has increased on this road more than almost any other Gunnison County road. There have been many new houses constructed in Crested Butte South over the last 5-8 years. The ADT is 1998 was 1,310. In 2009 the ADT was 2,782, which is just over double in a 10+ year period.

There are both right and left turn lanes on HW #135. There is an acceleration lane going northbound, but there is not an acceleration lane for traffic turning southbound, they are required to merge with other highway traffic in a short distance.

**DEPARTMENT OF TRANSPORTATION**  
Traffic & Safety Section

**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):

See Page 3 of 6



**DEPARTMENT OF TRANSPORTATION**  
Traffic & Safety Section

Mitigation

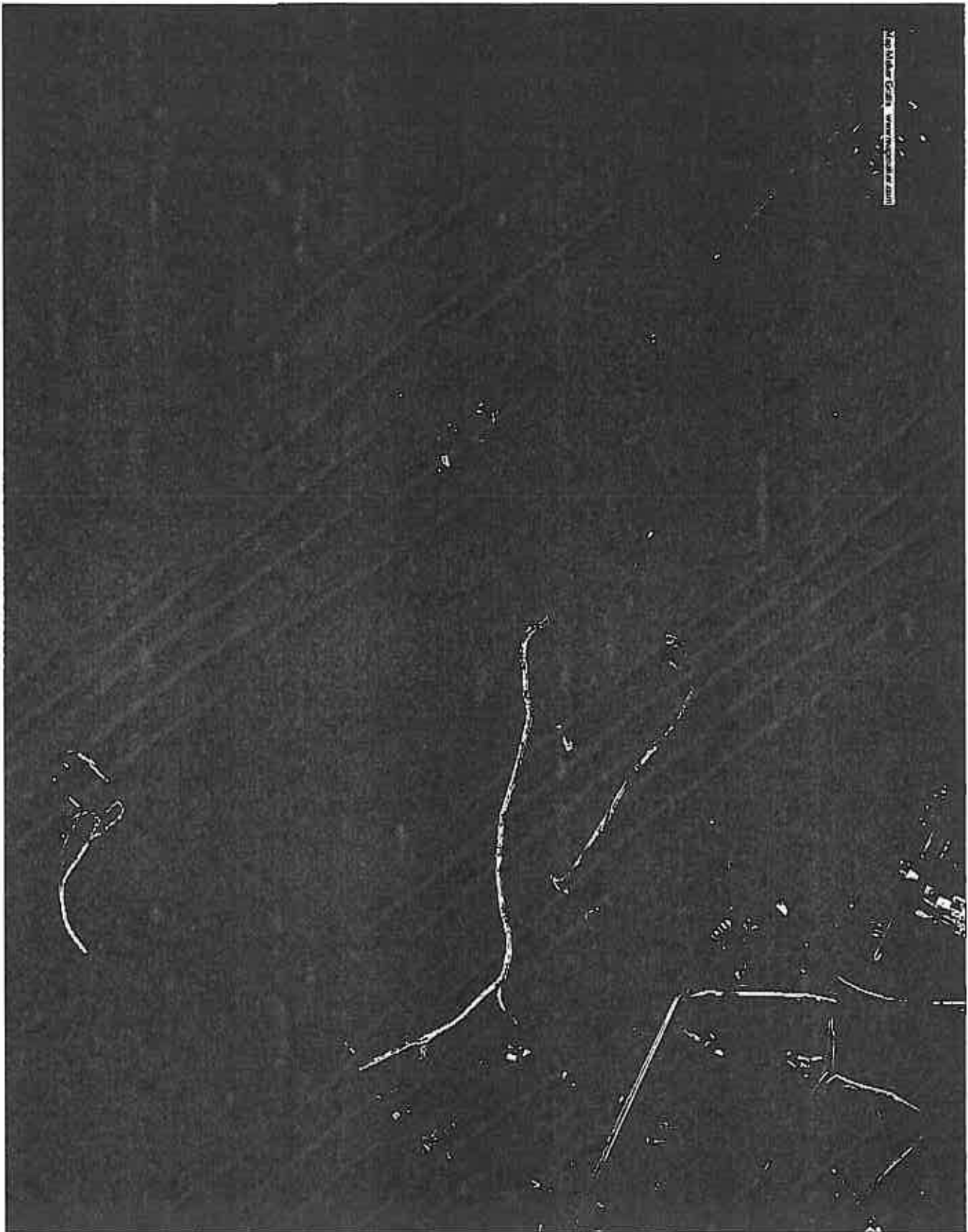
Please provide a brief description of possible mitigations, improvements, and/or projects to mitigate the safety concerns at the intersection:

No Suggestions -

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

**Region 3 Intersection Analysis and Prioritization**  
**Intersection Application**

**Requesting Agency**

Agency Name	Gunnison County
Contact Person	Marlene D. Crosby
Title	Assistant County Manager / Public Works Director
Email	mcrosby@gunnisoncounty.org
Phone Number	970-641-0044
Mailing Address	811 Rio Grande Gunnison, CO 81230

**Intersection Location**

Highway (example, US 50)	HW #135		
Highway Milepost	25.5		
Local Cross Street name	Brush Creek Road CR#738		
Is the Cross Street (check one)	Public ROW <input checked="" type="checkbox"/>	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: X Distance between intersections: 1 mile South of intersection - 7 intersections .5 " north - 1 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: / Operational Issues				
<p>Gunnison County has found it very difficult to obtain accident information from the Colorado State Patrol office. Hopefully CDOT has better access to that information. In all cases, accident information does not address the near misses, which result in someone going off into the ditch or avoiding an accident by driving defensively.</p> <p>CDOT is well aware of the number of intersections on this short section of road because of their work with the HOA at Riverland.</p> <p>This intersection does not have any known significant issues in the summer even though traffic volumes are higher in the summer than in the winter due to the Crested Butte Country Club's golf course being a popular summer attraction. The problems occur during the winter when the intersection is icy. Gunnison County hired an engineer to evaluate the possibility of improvements on the Brush Creek Road to improve the grade at the intersection, and we even obtained a permit.</p> <p>Unfortunately the work that was recommended required a significant cut and we could find no way to make the cut and still maintain traffic on the Brush Creek Road. Also, this is an area where the wind blows and we continually build snow traps on the north side of the road to keep the road open in the winter. Our concern was that with the lower elevation the road would become the snow trap.</p> <p>Another consideration which precluded safety improvements, but is more of an operational issue, was the culvert within the CDOT ROW would freeze solid and all of the water would hit the intersection. A plan to lower the culvert and install a bigger pipe had to be abandoned because of the utilities located just under the culvert. We have worked with CDOT maintenance crews on the issues. They have done a great deal of ditch work and all of us aggressively maintain the culvert which has definitely helped.</p> <p>Gunnison County does traffic counts on the road and has for many years. We have a loop counter in the road which counts traffic moving in both directions. We do not do any seasonal adjustments, we just take raw data. The ADT in 1997 was 1,494. In 2009 the ADT was 2,309..</p>				

**DEPARTMENT OF TRANSPORTATION**  
Traffic & Safety Section

**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):

See Page 3

**DEPARTMENT OF TRANSPORTATION**  
Traffic & Safety Section

Mitigation

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

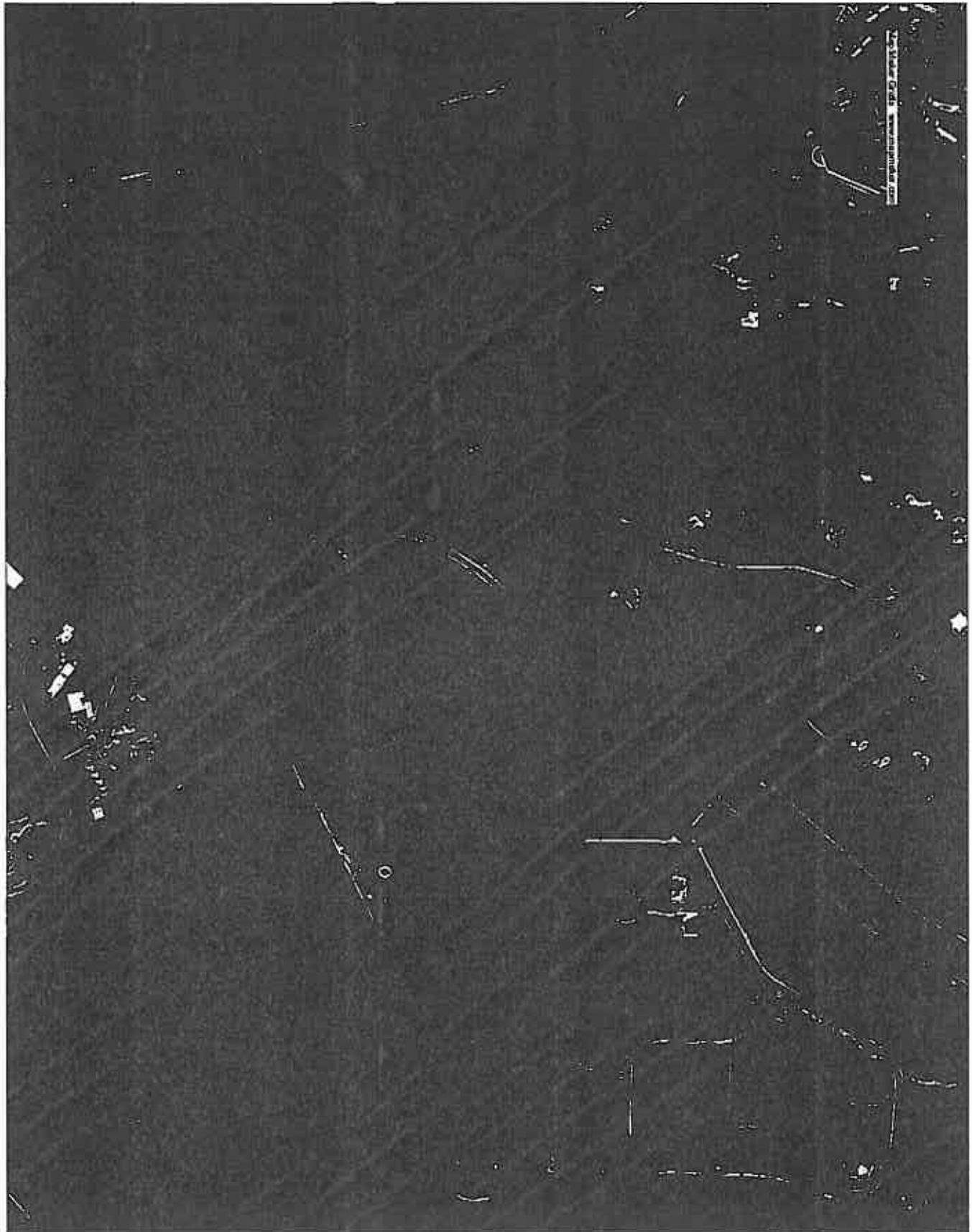
There is power at this intersection at CB Country Club's sign. Possibly the installation of a light would help. -

(The Town of Crested Butte would probably want some input on any proposed improvements)!

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

**Region 3 Intersection Analysis and Prioritization**  
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**Requesting Agency**

Agency Name	Gunnison County
Contact Person	Marlene D. Crosby
Title	Assistant County Manager / Public Works Director
Email	mcrosby@gunnisoncounty.org
Phone Number	970-641-0044
Mailing Address	811 Rio Grande Gunnison, CO 81230

**Intersection Location**

Highway (example, US 50)	US 50 - Frontage Road		
Highway Milepost	MM 155.5 (taken from mm on main road)		
Local Cross Street name	Antelope Creek Road - CR#17		
Is the Cross Street (check one)	Public ROW <input checked="" type="checkbox"/>	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: <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		No
	Distance between intersections: - Within .2 of a mile of the intersection (on the east) there are 3 accesses On CR 17 with .02 of a mile there are 3 accesses			
Traffic Mix (check all that apply)	Trucks <input checked="" type="checkbox"/>	Pedestrians <input checked="" type="checkbox"/>	Bicycles <input checked="" type="checkbox"/>	Other: a church, a business & a home
Intersection Issues	Please describe the types of safety or operational issues at the intersection.			
Safety Issues: / Operational	<p>Gunnison County has found it very difficult to obtain accident information from the Colorado State Patrol office. Hopefully CDOT has better access to that information. In all cases, accident information does not address the near misses, which result in someone going off into the ditch or avoiding an accident by driving defensively.</p> <p>The Antelope Creek Road accesses onto the frontage road at the top of a steep hill which limits visibility both for the vehicles on the frontage road and for the car entering the intersection from Antelope Creek. The intersection is not a 90 degree intersection and has a steep approach and is on a curve. There are three private accesses immediately past the intersection.</p> <p>If a car slides through the intersection for any reason they not only cross two lanes of traffic that might not see them in time to react, but there is also no barrier to keep them from going over the embankment onto US 50. In the winter if there is enough snow a berm of snow is pushed up to provide some barrier.</p> <p>Gunnison County does traffic counts on the road and has for many years. We have a loop counter in the road which counts traffic moving in both directions. We do not do any seasonal adjustments, we just take raw data. The ADT in 1997 was 885. In 2009 the ADT was 873. Looking back to 2008 the ADT was 1,163. The decrease in 2009 might be due to the number of vacant homes and mobile homes in the Antelope Hills Subdivision due to the economy.</p>			

**DEPARTMENT OF TRANSPORTATION**  
Traffic & Safety Section

**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):

See Page 3

**DEPARTMENT OF TRANSPORTATION**  
Traffic & Safety Section

**Mitigation**

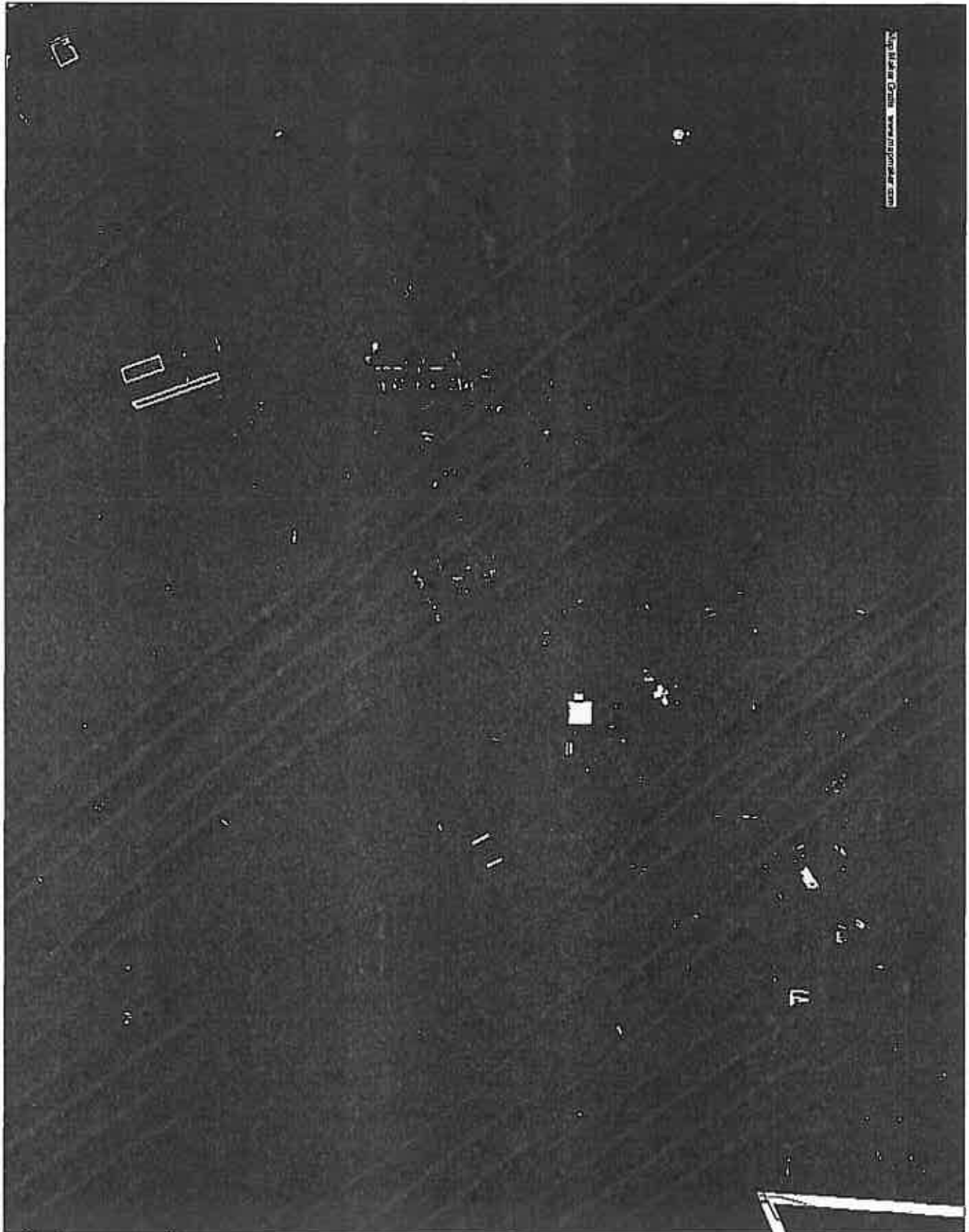
Please provide a brief description of possible mitigations, improvements, and/or projects to mitigate the safety concerns at the intersection:

We have no suggestions  
if the intersection remains  
in its current location.

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:



**From:** [REDACTED] Babler, Alisa

[Alisa.Babler@DOT.STATE.CO.US]

**Sent:** [REDACTED] Wednesday, January 05, 2011 7:34 AM

**To:** [REDACTED] Emily Gloeckner

**Subject:** [REDACTED] Gunnison County

**Attachments:** [REDACTED] Gunnison applications.pdf

Emily,

It doesn't look like they sent the information to you on this one. The photos didn't come in on the fax, as you can see in my scan. But you get the idea.

I've started working on getting crash data for the intersections. I'll let you know once I have it.

Thanks!

Alisa