

Memorandum

To: Mayor and Council
From: Tom Baker, Town Administrator
Date: May 6, 2015
Re: CVB/Walters Area Traffic Improvement Ideas

Purpose: The purpose of this memorandum is to follow-up on council May 5th discussion on this subject and to give Council an idea of the cost of specific changes to traffic control in this area.

Background and Discussion:

Actions taken since January, 2012 to improve safety at this intersection.

1. Radar Speed Sign
2. Pedestrian crosswalks
3. Lane striping
4. Removal of trees to improve sight distance
5. Install pedestrian flop-down signs

Accident statistics for this area: 2010 Total = 1; 2011 Total = 1; 2012 Total = 2; 2013 Total = 2; 2014 Total = 0; 2015 Total to Date = 0.

Actions to consider

<u>ACTION</u>	<u>COST ESTIMATE</u>	<u>LIKELY SCHEDULE</u>
1. Crosswalk striping for CVB/6&24 intersection and handicap ramps (2)	Curb and gutter 60 lf@\$35 per = \$2,100 Sidewalk 540sf @\$7.00 per = \$3,780 Concrete Demo/Disposal = \$4,410 Equipment Rent, Asphalt Miller(x2 days)= \$1,200 6 &24 Material Cost = \$972 6 &24 Labor Cost = \$560 CVB's Material Cost = \$810 CVB's Labor Cost = \$560 Traffic Control = \$600 Total = \$14,912	Summer 2015
2. Crosswalk striping for CVB/Walters intersection	Walter's Material Cost = \$648 Walter's Labor Cost = \$560 Mall's Material Cost = \$972 Mall's Labor Cost = \$560 Equipment Rent, Asphalt Miller(x2 days)= \$1,200 CVB's Material Cost = \$810 CVB's Labor Cost = \$560 Total Cost = \$5,310	2-4 weeks
3. Planter repair – ongoing	Material Cost = \$200.00 Labor Cost = \$350 Total = \$550	Dependent on contractor availability. 2-4 weeks
4. Refresh lane striping northbound CVB and additional lane striping to clarify southbound CVB	Paint Material Cost = \$120 Paint Mobilization Cost =\$2,500* Turn Arrow Material(x4 @\$338) = \$1,350 Straight Arrow Material(x2 @\$291) = \$582 Labor Cost for Arrows = \$560 Total = \$5,112	Dependent on contractor availability. Summer of 2015

5. Lane striping and relocate stop bar from Mall leg of CVB/Walters intersection	Paint Material Cost = \$45 Paint Mobilization Cost = \$0* (share with previous item) Stop Bar Material Cost = \$162 Turn Arrow Material (x2) = \$676 Straight Arrow = \$291 Stop Bar and Arrow Labor Cost = \$420 Total Cost = \$1,174*	Dependent on contractor availability. Summer of 2015
6. Electronic pedestrian activated sign for the east/west crosswalk at CVB/Walters (same as SH 133 in Carbondale)	LED Traffic Sign Kit, including push button activation = \$11,679 Labor = \$1,120 Total: \$12,799	Dependent on product availability. Estimated at 4-8 weeks
7. Owners Association discussion regarding right turn only from Mall and Walters?		

* Mobilization cost may vary, depending on the scope of work.

Financial Implications: Funding would come from the General Fund Reserve unless there are savings in the Streets budget for 2015.

Recommendation: Staff sees value in all these ideas, however, this is \$40k to \$50k of work that has not been budgeted in 2015. Because these projects have not been budgeted they have not had to be evaluated relative to other town needs and budget priorities. Staff understands that this intersection is potentially hazardous, but over the past 5+ years we had only 6 accidents in the area and no accidents have occurred since Public Works has installed the radar speed sign in the summer of 2013. Therefore, the recommendation will focus on immediate need and suggest other projects be evaluated in the 2016 budget or await the roundabout.

- Item 1 – Staff recommends we pursue this improvement in 2015 (\$14,912). Council recognizes that this is a top priority due to the pedestrian bridge and trail to Apple Tree. Staff is disappointed that CDOT has not offered to fund any portion of this improvement and recommend that Council authorize the Mayor to sign a letter to Dave Eller requesting CDOT reimburse the Town 50% of the project cost (estimated at \$7,456). Staff suggests the reimbursement approach because we fear that if we request funding prior to construction we will miss this construction season.
- Items 2&3 – Staff recommends this improvement (\$5,860).
- Items 4,5,6,7 – Staff recommends that these items await the roundabout or add to the 2016 budget.