

TO: James L. App, City Manager
FROM: Meg Williamson, Interim Public Works Director
SUBJECT: 13th Street Bridge Construction Traffic Issues
DATE: September 7, 2004

NEEDS: For the City Council to consider measures to mitigate traffic congestion during the construction of the 13th Street Bridge Widening.

- FACTS:**
1. The 13th Street Bridge is under construction at this time. Beginning October, North River and Union Roads between Creston and Riverglen Road will be closed.
 2. The 7-9 month closure will impact both property owners and businesses in the immediate vicinity, the traveling public, as well as outlying neighborhood roads that may become used as alternative travel routes during construction.
 3. Meetings with property and business owners on North River Road are being scheduled to directly inform them of the closure and available detour route.
 4. This report focuses on City-wide traffic patterns that may be altered as a result of the closure and various measures that could be implemented to relieve traffic congestion.
 5. The Streets and Utilities Committee considered this issue at their meeting of August 27, 2004. One member supported all measures as presented; the other supported all measures except number two below.

**ANALYSIS
AND**

CONCLUSION: With the closure of North River and Union Roads this October and closure of South River Road sometime in 2005, alternative routes will need to be used. The following mitigation tools, along with their potential costs, are identified for consideration:

1. Contact CalTrans to consider revising the timing for the signal at Golden Hill Road and Highway 46 to allow more time for the phase crossing Highway 46.
 - No cost identified
2. Purchase multiple temporary (rubber, plastic) speed humps and radar trailers to respond to increased neighborhood cut-through travel.
 - Temporary/Portable Speed Humps (at 10-15 locations) - \$30,000
 - Radar Trailer - \$5,000
3. Install a temporary, solar-powered traffic signal at Golden Hill Road and Union Road. This measure would keep traffic flowing smoothly through this intersection and create needed breaks in traffic for businesses in the vicinity (and School District) to make turning movements to and from their sites.
 - \$25,000

4. Pave a dedicated right turn lane from eastbound Union Road going southbound on Golden Hill Road. This measure would reduce the congestion for east bound travel on Union Road, allowing smooth flow onto southbound Golden Hill Road.
 - \$15,000
5. Purchase two laser speed enforcement tools. This measure would provide increased capacity for traffic enforcement.
 - \$7,500
6. Provide a crossing guard at Red Cloud and Nickerson to facilitate safe travel to a City facility (Centennial Park) across a street that is expected to experience temporary increased vehicular travel.
 - \$250/week for 30 weeks \$7,500

Total Cost for all items	\$90,000
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The funding and implementation of these combined measures should help with the flow of traffic in areas anticipated to receive increased peak travel, and should provide a set of tools to better respond to congestion issues in individual neighborhoods as the need may arise.

POLICY

REFERENCE: Adopted Capital Improvement Project.

FISCAL

IMPACT: Funding for these items will be provided from the adopted budget for the 13th Street Bridge Project.

OPTIONS:

- a. Approve implementation of the above items to address City-wide traffic congestion resulting from the widening of the 13th Street Bridge and adjacent streets.
- b. Amend, modify, or reject the above option.

Attachments (0)