

Memo

To: Mayor and City Council
From: Matthew Hanks, P. E.
Re: August Infrastructure Report

Date: 8/15/11
Pages: 4
Cc: Harry B. Walker, P.E.

On Tuesday, August 9, 2011, a meeting took place at Spring Valley Village City Hall to discuss Infrastructure issues. In attendance at the meeting was Aaron Stai (the City's Infrastructure Planning Coordinator), Richard Rockenbaugh (the City Administrator), Harry Walker (HDR) and Matt Hanks (HDR). Below is a summary of each discussion topic:

ON-GOING PROJECTS

- 1) Modiste Reconstruction Project
 - a. Update: As of July 18, 2011 (the last progress meeting for the project), the contractor has completed 38.17% of the work measured by pay items. As of that same date, 36.25% of the contract time had elapsed. The contractor has completed all underground utilities. The current construction schedule shows construction complete as of December 21, 2011. The contract end period is December 20, 2011. Change Order #1 has been approved and executed. Change Order #2 is in process which is for the excavation, cut and removal of the abandoned AT&T lines under Bingle, inlet modification and additional sanitary sewer items. The next progress meeting is scheduled for August 15, 2011 at 2:00 pm at City Hall.
- 2) City Hall Parking Lot Project
 - a. Update: All work has been completed to the satisfaction of the City and HDR. HDR recommended \$12,000 in liquidated damages (24 days at \$500 per day). The contractor disputes this recommendation and has offered \$3,000 in liquidated damages. HDR has passed this offer to the City without a recommendation to accept the offer. HDR is prepared to bring to council at the August 23rd meeting a recommendation to make final payment to the contractor with \$12,000 in liquidated damages. The contractor will not sign the affidavit releasing this as final payment, but it would allow the City to close the project as far as the City is concerned.
- 3) 2011 Point Repair Project
 - a. Update: City Council authorized concrete point repairs on Winningham and Teresa for the approximate value of \$30,000. HDR has confirmed this amount is remaining in this year's budget for this work and has confirmed the cost in which the work can be completed for. HDR is met with City of Spring Valley Village staff on July 8, 2011 to finalize exact locations of areas to be repaired. As of this

meeting, City crews were working on the repairs on Teresa and were soon to begin work on the repairs on Winningham.

- 4) 2011 Street Striping Project
 - a. Update: City Council approved the award to Batterson for the restriping of crosswalks and stop bars at 6 intersections on major thoroughfares within the City. Batterson has executed the contracts and delivered them to HDR. HDR will soon deliver the contracts to the City for the Mayor to execute the contracts.

ENGINEERING

- 1) Bace Drive Reconstruction Project
 - a. Update: HDR completed the design of base in July. Currently, Bace is in the bidding process. Due to light amount of shown interest to date, HDR proposed that we extend the bidding process till August 18, 2011 at 10:00 am (an extension of two days) at the infrastructure meeting. As of the date of this report, there are currently 5 known plan holders other than the plan rooms. The bids will be evaluated with a recommendation to award the bid on the agenda for the August 23, 2011 City Council meeting.
- 2) Cedarwood Section 2 Reconstruction Project
 - a. Update: Council awarded the redesign of the Cedarwood project at the last City Council meeting in June. HDR has received the survey data. HDR staff is currently preparing the basic design drawings. As of this point in the design, HDR anticipated meeting or exceeding the timeline stated within the design proposal which was to have the project ready to bid by the end of the year.
 - b. Cedarbrake: The portion of Cedarbrake extending west from Ben Hur was also discussed regarding design philosophy. Currently, it is not more than a driveway extending to a handful of homes. HDR is designing this portion of the roadway as a 10' concrete driveway/roadway. HDR is also going to attempt communication with the residents to communicate the recommended design concept.
- 3) Teresa/Ben Hur Area Reconstruction Project
 - a. Update: Council awarded the design of the Teresa/Ben Hur Area at the last city Council meeting in July. HDR has initiated the work of the geotech and the surveyor. Once HDR receives the survey data, we will begin to prepare the base maps and begin the preliminary design.

PLANNING

- 1) Life Cycle Cost Analysis discussion
 - a. Update: HDR is in the process of collecting and analyzing the data for each classification of asset within the City. It is HDR's intention to provide preliminary analysis/cost/data for the Workshop on August 23, 2011. HDR still intends to finalize the report and have it available to City Council in early September before the final budget workshop.
- 2) Drainage – Briar Branch Diversion
 - a. HDR gave an update on the progress of the discussions regarding the Briar Branch Diversion. HDR is schedule to meet with Harris County Flood Control District on August 16, 2011 and with the Texas Department of Transportation on August 17, 2011.

- 3) 5 Year Plan discussion
 - a. HDR presented a revised schedule for the 5 year plan. The schedule was reviewed.

ACTION ITEMS

- 1) City Hall Parking Lot Project: Bring recommendation for final payment to City Council at the August 23, 2011 meeting.
- 2) Bace Drive Reconstruction Project: Provide update to Councilmember Stai and the City Administrator regarding the bidding process after the Pre-bid meeting held on August 9, 2011.
- 3) Cedarwood Reconstruction: Contact the residents affected by the decision for the Cedarbrake portion west of Ben Hur Drive to communicate the recommended design concept.
- 4) Drainage:
 - a. HDR will initiate discussion with the Harris County Flood Control District to discuss possible partnership to construct the diversion as well as give input on the TIRZ 17 study and voice the overall concerns of the City of Spring Valley.
 - b. HDR will initiate discussions with the Texas Department of Transportation regarding the use of the green belt for the alignment of the diversion project in an effort to get their expected approval before construction begins on the Bace project.
- 5) Life Cycle Cost Analysis: HDR will attempt to provide preliminary data for the August 23, 2011 budget workshop.
- 6) 5 Year Plan
 - a. HDR is going to revise the schedule based on budget process comments. Further, HDR is going to work with the City Treasurer to assist her in creating a cash flow analysis for the City.

Thank You,

Matthew Hanks, P.E.