

INFRASTRUCTURE REPORT
City of Spring Valley Village
September 13, 2011

On Tuesday, September 13, 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), Chris Claunch (HDR), Harry Walker (HDR) and Matt Hanks (HDR). Below is a summary of each discussion topic:

ONGOING PROJECTS

- 1) Modiste Reconstruction – Construction Phase
 - a. Project Update: Overall the project has been a great success up to this point with no major issues on the horizon as we approach the end of the project. The HDR project team is continuing its coordination with the Contractor to facilitate the success of this project. The last monthly progress meeting was held on August 15, 2011 as of this date. The next monthly progress meeting is scheduled for September 19, 2011. The current schedule shows completion of the project to be November 21, 2011. The contract end time is December 20, 2011. The HDR project team believes construction could be complete before that time.
 - b. Misc. Items:
 1. Dust/Debris/Cleaning – A resident raised a concern regarding the dust and overall cleanliness of the project. The contractor has been street sweeping on a regular basis to cut down on the amount of dust and debris on the project.
 2. Speed bumps – A resident asked Councilmember Stai about the speed bumps that are to be installed on the project. The speed bumps are the bolt on variety that will be added at the end of the project.
 3. Stop signs at corner of Neely and Merlin – A resident asked Councilmember Stai about adding a three way stop at the intersection of Neely and Merlin. The City Engineer suggested the proper time to consider whether it would be prudent to make the intersection a three way stop would be after construction was completed. The City Engineer will look into this item after

construction and will make a recommendation to City Council if a three way stop is needed.

2) Bace Reconstruction – Construction Phase

a. Project Update: The HDR project team anticipates the success of the Modiste project to carry over to this project. The HDR project team will consist of the same team members as the Modiste project. Contracts have been executed by the Contractor (AAA Asphalt Paving) and are being reviewed. The Pre-con meeting was held on Friday, September 9th at Spring Valley Village City Hall. The HDR project team explained carefully the City's expectations and goals for a successful project and the contractor was positive they understood these criteria. Further, the Contractor had spoken with the Contractor on the Modiste project about special considerations regarding working in Spring Valley. Anticipated "Notice to Proceed" date will be October 3rd. This is a 180 day contract duration with a contract end date of March 30th. The HDR project team is optimistic that this will be a successful project.

b. Contract Modification – As a matter of contractual housekeeping going back to the contract modification for the Modiste project regarding full time inspection; HDR has prepared a contract modification proposal for the Bace project taking inspection to full time as was on the Modiste project. There will be some construction observation sharing between the Bace and Modiste project which will allow the City to capture some cost savings on the projects. This proposal for contract modification will be on the September 27th City Council Agenda.

3) 2011 Point Repair Project – City crews are working diligently on finishing the point repair project. Some delays in this work have occurred due to the increased number of waterline breaks within the City because of the drought.

4) 2011 Street Striping Project – The contracts with the Contractor have been executed and HDR is attempting to schedule an appropriate time with the Contractor to start and finish the work. The Contractor for this project is a sub for the Contractor on the Bace project.

ENGINEERING PROJECTS

1) Cedarwood Reconstruction – Design Phase

a. Project Update: Design is progressing on schedule. HDR anticipates bidding the project at the end of 2011/beginning of 2012. Construction should start early 2012 which would allow some overlap of construction observation services between this project and the Bace project which will allow the City to capture cost savings on the projects.

- 2) Teresa/Ben Hur Reconstruction – Design Phase
 - b. Project Update: Survey data has been received and design is progressing on schedule. HDR anticipates this project would bid in the middle of the construction of the Cedarwood project and construction starting shortly after the bidding phase. This will allow some overlap of construction observation services between this project and the Cedarwood project which will allow the City to capture cost savings on the projects.

PLANNING

- 1) Briar Branch – HDR is in the process of scheduling a meeting with TXDOT departments that will have a stake in the diversion project. We anticipate this meeting should occur at the end of September or early October. Once this meeting is complete, HDR will schedule a meeting with HCFCD to convey the progress viability and discuss possible partnership between HCFCD and the City.
- 2) 5 Year Plan – HDR needs to update the plan with the newest budget numbers from the City Treasurer.
- 3) Life Cycle Cost Analysis – HDR presented the data gathered and the concept developed up to the date of the meeting. It was determined by all at the meeting; the final product should be delivered and presented for the September 27th meeting. HDR anticipates the product will be a report summarizing the criteria used, assumptions made, as well as a summary of the findings. Further, the data sheets of the City infrastructure will be included as an appendix of the report. Within the summary, HDR will be prepared to make recommendations on moving forward using the data gathered and information generated.
- 4) Portable Generator for lift stations – HDR was asked to look into the possibility of either purchasing a portable generator or renting a portable generator when necessary. HDR researched this item and found a company in the Houston Area that will reserve a trailer mounted generator that is the sufficient size for the City's demands that will be available to the City during hurricane season for a monthly reserve cost. HDR presented this information and cost to the City Administrator for the budget workshop meeting on September 20th.
- 5) Water Restrictions – Water restrictions were discussed along with the current status of the water usage within the City. Possible concepts were considered regarding attempting to recapture the additional cost the City has incurred for the use of the City of Houston water. These concepts included possible assessment on the water customers within the City for the additional usage. HDR proposed the assessment could be charged only to those individuals with second irrigation meters as those uses appear to be the uses taxing the water system within the City and causing the increased demand.

- 6) Engineering Services – Councilmember Stai presented his research to the attendees of the meeting regarding the possibility of utilizing additional engineering firms for infrastructure work within the City. HDR presented data to Councilmember Stai regarding sample RFQ from other cities, contact information of other City officials that manage infrastructure within their City, and some sample responses HDR has prepared for the sample RFQ. This item will be discussed in further detail at the September 27th City Council meeting.

ACTION ITEMS

- 1) Modiste Project (Stop signs at corner of Neely and Merlin): The City Engineer will look into this item after construction and will make a recommendation to City Council if a three way stop is needed.
- 2) Bace Project: HDR will present a proposal for full time inspection for the Project at the September 27th City Council Meeting.
- 3) Briar Branch: HDR will schedule meetings with TXDOT and HCFCD to discuss the diversion project and will report back to the City.
- 4) 5 Year Plan – HDR will update the latest 5 Year Plan with the most recent data provided by the City Treasurer.
- 5) Life Cycle Cost – HDR will finalize the study and provide the report and data for the September 27th City Council meeting as well as present the data at the Council meeting.