

INFRASTRUCTURE REPORT
City of Spring Valley Village
October 18, 2011

On Tuesday, October 18, 2011, a meeting took place at Spring Valley Village City Hall to discuss infrastructure issues. In attendance at the meeting was Mike Andrews (Mayor), 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:

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. All paving and major work items have been completed on the project. Remaining items include sidewalk/inlet work at Bingle and Westview, striping, sprinkler restoration, and site restoration and sodding. 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 October 18, 2011. The current schedule shows completion of the project to be November 21st. The contract end time is December 20th. The HDR project team believes construction will be complete by the November date. A preliminary walk-thru will be conducted on or about October 31st.
 - b. One resident has raised issues regarding two separate issues. 1) He hired the contractor to perform work on his private property and disputes some of the work performed. This is a private matter and not related to the City's contract. 2) He disputes the City's policy regarding not replacing the sprinkler systems in the right-of-way. The City is committed to replacing the sprinkler system in a manner to water the grass within the right-of-way but not to have the irrigation lines within the right-of-way. He points to properties across the street in which the contractor installed the irrigation systems incorrectly within the right-of-way. These systems are going to be removed and placed correctly by the contractor at no expense to the City. He has requested, and the City has approved not having the irrigation system restored by the City's contractor and to allow him to get reimbursed for that work allowing him to hire his own

contractor to perform the work privately. He has been made aware not to attempt to put the lines in the right-of-way or they will be removed at his expense. There is a second resident who has requested this same approach.

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 many of the same team members as the Modiste project. The notice to proceed was issued to be October 17, 2011. The contractor sent the necessary communications to begin work on that date and began setting out traffic control on October 17, 2011. Preliminary activities should be completed, and waterline construction will begin on Bace in the next few days. The contract time is 180 day calendar days, and the contract end date is March 30, 2012. The HDR project team is optimistic that this will be a successful project.

3) 2011 Point Repair Project

a. Project Update: The City crews have completed the work on Teresa and Winningham. A complaint was received regarding the repair work on Winningham. HDR inspected the point repairs and found minor flaws due to spawling in the surface of the concrete. These flaws are primarily cosmetic and should not affect the estimated life of the repair.

4) 2011 Street Striping Project

a. Project Update: HDR met with the Contractor on October 19, 2011 and the contractor began work at that time. They anticipate being complete within 2 to 3 days of starting the work.

5) Campbell Road Bridge Repair

a. Project Update: HDR has located two products that can be utilized for the repairs needed. Both projects will require some training of Spring Valley personnel. HDR is assisting setting up this training.

ENGINEERING PROJECTS

1) Cedarwood Reconstruction – Design Phase

a. Project Update: Design is progressing on schedule. Plans are currently at 60%. HDR has set tentative dates for bidding the project which are: December 15, 2011 – First Ad; December 22, 2011 – Second Ad; January 10, 2012 – Open Bids. This schedule would allow some overlap with the Bace Reconstruction project currently entering the construction phase at the beginning of the project and the Teresa/Ben Hur Reconstruction project (which is early in the design phase) towards the end of the project.

This overlap will allow the City to capture cost savings on the projects for the construction observation services.

2) Teresa/Ben Hur Reconstruction – Design Phase

b. Project Update: HDR has received and incorporated most of the survey data. HDR is awaiting some additional survey data on an outfall at Briar Branch. Proposed design is on schedule. HDR anticipates this project will bid in the middle of the construction of the Cedarwood project with 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: TIRZ 17 is prepared to start their projects and is addressing comments from Harris County Flood Control District. TIRZ 17, in the process of addressing comments, has requested information from HDR and the City regarding the Campbell Road system. Mayor Andrews is attempting to set up a meeting with the City of Spring Valley personnel, City of Houston staff, and representatives of TIRZ 17 to discuss their plans. HDR is continuing its discussions with TXDOT and HCFCD.
- 2) Street Signs: HDR provided material to the City showing options for street signs. The City requested HDR look through the material they have already acquired and help prepare material to present back to the City. HDR is in the process of going through the material the City provided.
- 3) Water Restrictions: No issues have arisen in over a week and no City of Houston water has been used for 7 to 8 days. Demand is expected to drop with the cooling temperatures. To date, approximately \$65,000 in water has been purchased from the City of Houston.
- 4) Future Projects: In an effort to get project ready for bid and take advantage of lower bid prices, the City asked HDR to consider presenting a schedule for future work which may move projects such as the final sanitary sewer rehab project or the Merlin & Lupton project up in the schedule. HDR was going to work on the revised schedule and present to the City at the next Infrastructure Meeting. HDR has recommended that any possible revisions in the current schedule be evaluated once the bids for the Cedarwood project are received in January.
- 5) Life Cycle Cost Analysis: The City requested HDR prepare a recommendation of work remaining to be performed and a cost for doing such work to present to City Council for the October 25, 2011 agenda. HDR recommendation was to cover the

work required to take the broad brush analysis and make it an effective planning device for future budget and planning processes.

ADDITIONAL ITEMS DISCUSSED

- 1) City Hall Parking Lot: The contractor for the City hall parking lot has filed suit on the City to recover damages. The primary amount in dispute is the liquidated damages withheld by the City in the amount of \$12,000. The City has requested the City Attorney look into the matter and brief City Council during executive session.

ACTION ITEMS

- 1) Point Repair Project – The City requested HDR look into the matter regarding the extreme side slope next to the pavement where the failure has occurred on Campbell near Bace. This area is expected to be repaired under the Bace contract as a change order on the project. This repair work is estimated to cost approximately \$12,000; however no negotiations have been started with the contractor at this time, so his figure may change.
- 2) Campbell Road Bridge Repair – HDR is assisting City staff in setting up training in the use of the products recommended in order to do the repair work.
- 3) Street Signs – HDR has been asked to look through all material gathered and present to the City options on street sign designs. Further, HDR has been asked to write the technical specifications for the signs in order to bid the work.
- 4) Future Project – HDR is to move either the Sanitary Sewer Rehab project or the Merlin & Lupton Reconstruction project up on the schedule and present the revised schedule to the City at the next Infrastructure Meeting.
- 5) Life Cycle Cost Analysis – HDR will prepare a recommended scope of work and cost to refine the analysis to be better suited as a planning tool to be used in future budget and planning exercises by the City.