

INFRASTRUCTURE REPORT
City of Spring Valley Village
November 9, 2011

On Wednesday, November 9, 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), 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. The contractor is installing the speed humps during the week of November 7th and working to finish sprinkler restoration, site restoration and sod. 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 is scheduled for November 11th.
 - b. Recent Issues
 1. Speed Humps: There has been some resident input into the installation of speed humps. Some of the input was in support of additional speed humps while others input was against speed humps. HDR sent an e-mail on this subject on November 2nd explaining the design considerations when adding the proposed speed humps.
 2. Irrigation Systems: HDR has been made aware of some dissatisfaction of some regarding the council policy of replacing the existing irrigation systems outside of the road right-of-way. Several residents have replaced the irrigation systems themselves within the right-of-way. City staff is requesting guidance from the City Council on how to proceed.

3. Sod and Landscaping: The City is proposing to send a letter to the residents within the project area stating that the City/Contractor is going to water the newly placed sod for three weeks. However, after three weeks, the residents will be responsible for the watering of the newly placed sod.

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. Waterline construction has begun on Bace Drive and should continue for the next two to three weeks. Storm sewer construction should start on the west end of the street within the next two weeks. Once the waterline construction is completed on Bace, the contractor will begin the waterline construction on the other streets. The contractor is to submit a revised schedule showing greater detail with regards to the waterline construction by the end of this week. 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.

b. Recent Issues

1. Future Change Order: A change order is in the process. The change order will cover three items: 1) Campbell Road Repairs – waiting on pricing from the contractor; 2) Extra Long Services – City staff identified some extra work that will be beneficial to the City over time. This work is to install additional long services at residents that do not already have a second service line; 3) Storm Sewer Stubs – 8” gravity stub outs are going to be provided to a resident along Bace that has drainage concerns above and beyond typical for the project.
2. Waterline Break on Bace: A break of the existing AC waterline on Bace during and directly related to the construction of the proposed waterline on Bace. The contractor’s subcontractor was unprepared to address the issue and caused delays in fixing the issue. HDR prepared a memo addressing this issue for the City. The memo states that the City is back charging the contractor for the cost of the fix and the water lost. It was discussed at the meeting that future issues like this should include some mark-up for the City’s efforts.

3. Cavell Waterline Construction: The City proposes to send a letter to residents explaining the work to be performed and the overall schedule for the work. The letter will specifically mention that an urban forester will be involved in the work as the work will occur close to and could impact several mature trees along the street.
- 3) 2011 Street Striping Project
 - a. Project Update: HDR met with the Contractor on October 19, 2011 and the contractor began work at that time. The work was finished the next day. The contractor has not submitted a pay estimate for the work. However, daily reports show the project will be under budget.

ENGINEERING PROJECTS

- 1) Cedarwood Reconstruction – Design Phase
 - a. Project Update: Design is progressing on schedule. 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. The surveyor was requested to gather additional information of the sanitary sewer system as HDR is proposing additional improvements to the system due to the inadequate depth of the system. 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 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. It is HDR's intention to bring several options to the infrastructure meeting in December to present to the Council at the Council meeting later that month.
- 3) Life Cycle Cost Analysis: The City requested HDR prepare a recommendation of work remaining to be performed and a cost for doing such work. Councilmember Stai, Councilmember Turner, and Matt Hanks held a conference call to discuss the additional work and resolve what needed to be performed. 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. HDR will present a proposal for the additional work at the November 15th Council meeting.

ACTION ITEMS

- 1) 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.
- 2) 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.