

# Memo

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

**Date:** 6/21/11  
**Pages:** 4  
**Cc:** Harry B. Walker, P.E.

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On Wednesday, June 15, 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) 2011 Point Repair Project – HDR presented estimated cost for point repairs in areas that have raised concerns. Further, HDR presented a memo giving a brief history of the process of evaluating these point repairs and the recommendation for this year's efforts giving the remaining budget. After a brief discussion, it was determined this item will be discussed on the June 21<sup>st</sup> City Council meeting with possible action to follow if Council so chooses.
- 2) 2011 Street Striping Project – HDR presented a memo giving a brief history of the process up to this point and giving a recommendation for moving forward by awarding the quote to Batterson for striping the crosswalks and stop bars at several of the intersections within the City. After a brief discussion, it was determined this item will be discussed on the June 21<sup>st</sup> City Council meeting with possible action to follow if Council so chooses.
- 3) Modiste Area Project
  - a. HDR presented a memo as the status report for the Modiste Area Reconstruction Project.
  - b. After citizen input, HDR recommended to City Council that the driveway detail should be changed to satisfy the citizen's concerns. HDR negotiated with the contractor on any additional cost of approximately \$3150. The City Administrator can sign the change order for this and keep the project moving forward.
  - c. HDR presented revised costs for inspection services based on the new construction time (6 months proposed up to 8 months for construction) for either part or full time inspection. After a brief discussion, it was determined that HDR would prepare a proposal for full time inspection to be discussed on the June 21<sup>st</sup> City Council meeting with possible action to follow if Council so chooses.

- 4) City Hall Parking Lot – The contractor has completed the punch list items for the parking lot and is asking the City for release of final payment without liquidated damages. HDR recommended \$12,000 in liquidated damages at the completion of the project. HDR is going to express to the contractor that the City sees the \$12,000 as a reasonable and fair amount and that if the contractor wants to propose something less, the City will consider a reasonable counter proposal. With this said, the City does not see imposing no liquidated damages as reasonable or acceptable.

## ENGINEERING

- 1) Bace Project
  - a. HDR presented an oral report as the status report for the Bace Reconstruction Project.
  - b. After a brief discussion regarding dual bidding the asphalt and concrete it was decided to proceed with the bid as a single bid for concrete. Further, instead of bidding construction time, the contract will stipulate the construction time to the contractor during the bid process.
  - c. A brief discussion regarding incentives for early completion took place with no affirmative decision made either way. HDR will be prepared to make a recommendation on this topic when prepared to bid the project.
  - d. Level of inspection was discussed for the Bace project. It was discussed that it would be possible to share an inspector between the Bace project and the Modiste project once the Bace project started construction.
  - e. A brief discussion took place regarding the placement of the Briar Branch diversion under the pavement of Bace as an alternative alignment from the previously proposed alignment. HDR was going to briefly look into this option for viability.
  - f. HDR will present a status report for the Bace Reconstruction Project for City Council on the June 28<sup>th</sup> City Council meeting, including a proposed timeline for bid advertisement, bid submission, approvals, and construction start.

## PLANNING

- 1) Engineering Design Discussion
  - a. Cedarwood Project – It was discussed that Cedarwood had been delayed in the past and was the worst of the remaining roadway projects in the city. Therefore, it was decided to move forward with the Cedarwood Project. HDR is to provide a proposal for the design of the Cedarwood area as a concrete curb and gutter section with storm sewers. This proposal will go before City Council on the June 28<sup>th</sup> City Council meeting. HDR is also to be prepared to present the design as it currently stands so that City Council can make a decision as to how to proceed (as currently designed or concrete curb & gutter with storm sewers). The goal is to have Cedarwood out to bid by January 2012 at the latest.
  - b. Standard Engineering Design – Discussion was had regarding the standard design for residential streets in the city. It was also discussed that applying a standard design would avoid delays and help to reduce engineering costs. The current standard design for residential streets is a 28' roadway with curb & gutters.

- 2) Merlin/Lupton Project – After a brief discussion, it was determined that the Merlin/Lupton reconstruction should be packaged with the Bracher Area reconstruction project, in order to take advantage of proximity to the Bracher Area project. It was further discussed that Merlin/Lupton projects could not easily be combined with the Cedarwood Project and could potentially result in delays to that project.
- 3) 5 Year Infrastructure Plan – Proposed Acceleration of Projects
  - a. Discussion was had regarding the phasing of projects on an offset schedule to take advantage of 1) reserves in place, 2) construction services, and 3) engineering timelines. In other words, Cedarwood would begin construction shortly following the Modiste Project completion, Teresa/ Ben Hur would begin construction shortly following the Bace Project completion, and Bracher/Merlin/Lupton would begin construction following the Cedarwood Project construction.
  - b. Proposal for Teresa/Ben Hur design phase services – tabled until July at the earliest.
  - c. Proposal for Bracher Area project design phase services – tabled until July at the earliest.
  - d. Proposal for Sanitary Sewer Siphon Project design phase services – tabled indefinitely due to concerns over ongoing maintenance.
- 4) Briar Branch Diversion
  - a. A short discussion regarding the overall project took place. HDR was requested to look briefly into the alternative alignment for the diversion under the pavement of Bace.
  - b. HDR was requested to begin correspondence with TIRZ 17 to discuss possible partnerships to help progress some of TIRZ 17 drainage initiatives that have the potential of impacting SVV positively, following coordination with the Mayor.
- 5) Water Plant/Lift Station Reserves – HDR presented comments on the City’s reserve worksheet regarding recommended changes to cost, remaining life, and expected life for the water plant and lift station reserves. The reserve worksheet presented by HDR will be considered during the next budgeting cycle.

#### ACTION ITEMS

- 1) HDR was requested to present the 2011 Point Repair Project to council for action at the June 21<sup>st</sup> City Council meeting, as recommended in the memo prepared by HDR.
- 2) HDR was requested to present the 2011 Street Striping Project to council for action at the June 21<sup>st</sup> City Council meeting, as recommended in the memo prepared by HDR.
- 3) HDR was requested to prepare a proposal for full time inspection for the Modiste Area Reconstruction Project over 8 months to present to City Council at the June 21<sup>st</sup> City Council meeting.
- 4) HDR is to attempt to resolve the payment issues regarding the City Hall Parking Lot with the contractor.
- 5) HDR is to present a status report for the Bace Reconstruction Project at the June 28<sup>th</sup> City Council meeting , including a proposed timeline for bid advertisement, bid submission, approvals, and construction start.
- 6) HDR is to briefly look into the alternative alignment of the Briar Branch Diversion under the Bace pavement.

- 7) HDR is to be prepared to make a recommendation to City Council regarding the use of incentives in the construction contracts going forward.
- 8) HDR is to present a proposal for the re-design of Cedarwood as a concrete curb and gutter section with a conventional storm sewer system. City Council is to discuss and possibly take action on the proposal on the June 28<sup>th</sup> City Council meeting. HDR is also to be prepared to present the design as it currently stands so that City Council can make a decision as to how to proceed (as currently designed or concrete curb & gutter with storm sewers). The goal is to have Cedarwood out to bid by January 2012 at the latest.
- 9) Following coordination with the Mayor, HDR is to communicate with TIRZ 17 to begin the process of evaluating opportunities to partner on drainage improvements that mutually benefit the City and progresses the TIRZ 17 drainage incentives.

Thank You,

Matthew Hanks, P.E.