

**CITY OF SOUTH HAVEN
MONROE BOULEVARD AND INDIAN GROVE LIFT STATION
RECONSTRUCTION PROJECT
PROGRESS MEETING MINUTES**

SRF #5602-01-2a
ACI Project No.: 14-0891

February 07, 2017
9:30am

Attendees:

Bill Hunter	City of South Haven
Larry Halberstadt	City of South Haven
Jerry Litke	Kalin Construction Co.
Bob Marvin	Kalin Construction Co.
Les Johnson	Abonmarche
Lydia Treviño, EIT	Abonmarche
Daniel A. Dombos II, PE	Abonmarche

cc:

Brian Dissette	City of South Haven
Ron Dotson	City of South Haven
Bob DeOrsey	Republic Services (Reliable Disposal)
Cindy Clendenon	MDEQ
Christopher J. Cook, PE	Abonmarche
Timothy R. Drews, PE, PTOE	Abonmarche

1. Old Business:

- A. Drain Extension on Lovejoy – Hold until Spring
 - 1. Place 18" storm from Monroe down Lovejoy, yard drain to tie in with 2- to 3-4" lines
- B. Gravity Sewer Rerouting at Creek
 - 1. Directional Bore – Need schedule
 - 2. Modification approved by MDEQ - wastewater.
 - 3. LWD permit pending.

C. Water Services

1. Temporary Connection to serve Lift Station to be cut, capped, and abandoned.

D. Mailboxes

1. Sheridan Road - Residents have fabricated rack; Kalin to coordinate installation in spring
 - a. Dan to talk to resident that fabricated rack – does not meet NCHRP standard
2. Discuss mail route and mailbox location (east/west side) with local USPS
 - a. USPS is notifying residents of intent to relocate mailboxes to the west side of the road
 - b. Abonmarche to follow up with USPS.

E. Self-Leveling Castings on Phase II – need pricing from Kalin

F. Creek Study

1. Capacity analysis complete
2. Channelization – not permit-able by MDEQ unless homes/structures at risk
3. Creek bed clean-up
 - a. Ensure drilling fluid has been removed from creek.
 - b. Remove shoaling west of Monroe following removal of aerial pipe crossings.

~~G. Verify east inverts in manholes at Delaware Ct. and Chippewa Ct.~~

- ~~1. Done and sanitary sewer adjusted~~

H. Delaware Ct.

1. Existing water main appears to be 6" rather than 4". Unsure of transition location

2. Contractors Submittals:

A. Submittal Status

1. Kalin furnished submittals 1-46 on 09-12-2016

B. Review Status

1. Abonmarche completed review of submittals 1-46
2. Submittal 47: Control Panel Submittal

C. Upcoming Submittals

3. Current Progress:

A. Phase IA – COMPLETE

B. Phase IB – COMPLETE

C. Phase II

1. Traffic Control
-



- | | | |
|------------------------------|------------------------------|----------------------|
| 2. | Pavement Removals | |
| 3. | Storm Sewer | |
| 4. | Water Main | |
| 5. | Force Main | |
| | a. Directional Drilling | Complete |
| | b. Direct Bury Section | Complete |
| | c. Air-Release and Cleanouts | Structures Installed |
| | d. Monroe Directional Bore | |
| | e. Connection at St. Joseph | |
| | f. Testing | |
| 6. | Roadway | |
| | a. Subbase/Agg Base | |
| | b. Curb and Gutter | |
| | c. HMA Base Course | |
| | d. Driveways | |
| | e. Sidewalk | |
| D. Indian Grove Lift Station | | |
| 1. | Wet Well and Valve Vault | |
| 2. | Plumbing | |
| 3. | Electrical and Controls | |
| 4. | Generator | |

4. Schedule

A. Week of 02/13

1. Monroe to Chippewa watermain (~120 ft)
2. Storm sewer leads
3. Sanitary

B. Week of 02/20

1. Sanitary (1-2 weeks)

5. Staking Needs:

A. Week of 02/13

1. Water main
 - a. Up to Chippewa and stop



2. Sanitary sewer
 - a. Laterals – clean out location – pull offsets (Monday or Tuesday)
 - b. Lift station staking
 - c. Do sanitary all at once

3. Storm sewer
 - a. Stake Thursday or Friday next week (Feb 16 or 17)
 - b. Lovejoy to Chippewa catch basins

4. Sidewalk
 - a. Stakes in front of 1309 Monroe for power pole relocates and guy wires

6. Pay Estimates:

Pay Estimate	Amount	Cumulative Total	Status
1	\$331,119.86	\$331,119.86	Approved
2	\$280,321.34	\$611,441.20	Approved
3	\$78,414.42	\$689,855.62	Approved

- Arrange pay items by prop line

7. Change Orders

Change Order	Amount	Cumulative Total	Status
1	\$25,058.08	\$25,058.08	Approved by City
2	\$117,235.76	\$142,293.84	Approved by City
3	\$121,519.51	\$263,813.35	Approved by City

A. Change Order No. 1 – Sanitary Sewer Modifications

1. Sanitary Sewer Service Cleanout Revisions
2. Lift Station Value Engineering
3. Sanitary Sewer Rerouting
4. Added sanitary services for potential lot splits
5. Bypass Pumping Reduction
6. Miscellaneous Balancing

B. Change Order No. 2 – Storm Sewer Modifications

1. Storm Sewer revisions due to gas, water service, and sanitary sewer conflict
2. Storm Structure Modifications
3. Added 4" storm sewer services to each lot
4. Supplemental Yard Drains
5. 24" Storm Inlet
6. Drainage Structure cover EJ #6517
7. End Section and Rip-Rap



C. Change Order No. 3 – Water Main and Service Modification

1. Add 12" water main from Apache to Aylworth
2. Revisions to side street connections and valves
3. Added water services for potential lot splits.
4. 4" Water Main
5. 4" Gate Valve and Box
6. Line Stop, 4 inch
7. Line Stop, 12 inch

D. Change Order No. 4 – Miscellaneous

1. Janicki drain
2. City Limits sign
3. Lift station acid stained concrete
4. "Share the Road" sign
 - a. MUTCD signs W11-1 and W16-1P
 - b. Place four (4) signs
 - c. 1 – South end of project entering City limits
 - d. 2 – One in each direction at Lovejoy
 - e. 1 – North end of project, south bound

E. Hope Church Parking Lot

1. Keep outside of contract
2. Bill Hunter to talk to DeBest and Brian Dissette
3. Bill Hunter to obtain agreement from Hope Church

8. Resident Issues:

A. Janicki driveway (1305 Monroe)

1. Permit approved – plans modified
2. Waiting to hear if Janicki wants to proceed since he is being billed for the work

9. Action Items:

A. Coordination with the electrical utility companies during pole relocation and underground service work.

1. Identify conflicting poles (sidewalks, etc)
2. Contact Kent Power, invite to progress meeting



10. Other Discussions

- A. Sanitary laterals need to be at least 8 ft deep – if Contractor can't get 8 feet, let Larry Halberstadt and Dan Dombos know
- B. Bill Hunter said go with acid stain at lift station after concrete work is done
- C. Replace MH at Delaware
- D. Plug abandoned at Conde residence
 - 1. Line?

11. Meeting Adjourned:

10:20 am

12. Next Meeting Scheduled:

Thursday, February 23, 2017 @ 8:30 am

