

Minutes
Lower Badger Mill Creek (LBMC) Interceptor
Planning Group Meeting #6 - MMSD Operations Bldg
Wed., September 28th, 2005 9:30am
Earth Tech Project No. 84025

- I. Attendees:**
Bruce Borelli, MMSD; Jon Schellpfeffer, MMSD; Mike Dailey, City of Madison;
Bob Gundlach, Earth Tech; Brian Julius, MSA representing the Town of Verona.
- II. Review Planning Group Meeting #5 Minutes**
No changes were noted
- III. Review Status of Surveying & Testing**
- Archaeological Survey site review finished as September (Except for Parcels that we haven't received permission for entry). Phil Salkin presented the archaeological findings to date. Six Native American sites have been identified, including Richardson Cave. The literature search also turned up a reference to a cemetery in Section 29, T 7 N, R8 E along the interceptor route corridor. There is no physical evidence on the surface that this cemetery exists. Mr. Salkin recommended that an archaeologist be present during construction of the interceptor in the vicinity of the reported cemetery to look for underground evidence of its existence or non-existence. Mr. Salkin indicated that the Native American sites that will be impacted by the final interceptor route be evaluated for eligibility to the National Register of Historic Places. The cost to do the evaluation is approximately \$2,000 per site if a motor grader can be provided and used on the site. If it is not possible to provide or use a motor grader at the site and the site must be hand dug, the cost is approximately \$4,000 per site. It was decided to have Mr. Salkin hold off on completing the final report until the final interceptor route can be determined. At that time it will be decided which if any of the sites will be evaluated for listing on the National Register of Historic Places.
 - Wetlands Delineation finished 6-07-05 (Except for Parcels 102, 23, 25, 25A, 27 and that we haven't received permission for entry). All wetland delineations will be completed in the next three weeks and the final report prepared. The final report is to be forwarded to the WDNR in order to obtain a Letter of Concurrence from that agency.
 - Tree Survey finished 6-20-05 - Except for Parcel #4 (Kubly) and #8 (Callaghan). The tree survey information has been color coded into the survey base mapping.
 - Topographic Survey (Except for Parcels 102, 23, 25, 25A, 27 and lots that we haven't received permission for). Data reduction has been completed for survey collected to date. As soon as crops are off, remaining field work will be completed, including property work necessary for preparation of easement descriptions and maps.
 - Geologic Survey for Segment 2 (Shady Oak Lane to Richardson Cave) – Earth Tech is preparing to perform a seismic refraction survey in the drainage way east of Shady Oak Lane. The survey results will be used to provide a rock profile through this area and interpret presence of karst formations. This survey will be conducted in mid-October.

- Geotechnical Survey – Round #1 Borings have been completed at accessible sites (road R/W's, public properties, non-ag land, etc.) Round #2 Borings to be scheduled after crops are harvested in October/November. The initial round of borings indicate some bedrock in the drainage way north of Edward Street and along Shady Oak Lane. The other borings indicate the area along the interceptor corridor has clay and sand and gravel sub-soils.

IV. Route Alignment

- Earth Tech has commenced laying out the interceptor route through the corridor. The preliminary route alignment needs to be completed and sent to MMSD, the City of Madison and the City of Verona for review prior to the next Planning Group meeting. The date of the next Planning Group Meeting will be set once the preliminary route has been established. (The target date for this meeting is the first or second week of November.)

V. Preliminary Design

- Bob Gundlach handed out a spreadsheet showing the preliminary interceptor sizing and again asked if there was any intent to pump flow from outside the drainage basin into the basin in the future. Mike Dailey indicated the City of Madison had no intent to do that and only sewerage flow from within the basin needed to be considered. Mr. Dailey also questioned how much of the Town of Middleton lands in the drainage basin were included. Mr. Gundlach indicated that existing development was included and open space was considered for residential redevelopment in the future. Mr. Gundlach also indicated that the preliminary design flow appeared to be less than the flow value found in the "Planning Memo, Lower Badger Mill Creek Drainage Basin, Interceptor and Pumping Station Alternatives," as prepared by MMSD in January, 2004. Jon Schellpfeffer indicated he would go back and review spreadsheet information that he had to compare project flows with the preliminary design flow presented. Bob reviewed an initial draft of a plan and profile sheet at both 1"=20' and 1"=40'. The group's initial direction was to go with 1"=20' plan and profile sheets.

VI. Review Schedule

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| • Gather Planning Documents | March '05 |
| • Select Corridor | March/April '05 |
| • Public Information Meeting | April '05 |
| • Right-of-Entry | April/May '05 |
| • Surveys | May/June/July '05 |
| • Preliminary Design | August/Sept '05 |
| • Client Review | October/ November '05 |
| • Final Design | November/December '05 |
| • Easements | December '05/January/February '06 |
| • Public Information Meeting | January '06 |
| • Client Review | February/March '06 |
| • Final Documents | March '06 |

VII. Comments

- The meeting was adjourned at 10:45 am.

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