



PROGRESS MEETING AGENDA AND MINUTES

Project Name: Lafayette-Louisville Boundary Outfall Systems Plan
Project No.: 08-07.01A
Date: November 23, 2010
Time: 2:00 p.m.
Location: Urban Drainage and Flood Control District

1. Attendance: (see attached list)
2. Project Participants: UDFCD, City of Lafayette, and City of Louisville
3. Project Schedule and Milestones: **The Selected Plan has been received and the Draft Phase B Report is Due January 10, 2011.**
4. Review of Selected Plan: **The Selected Plan included some modifications to the recommended Alternative in the Phase A report.**
 - Remove the Coal Creek Station Pond. The crossing under Highway 42 will be sized for the 100-year storm. **Shea, David and Peter all agreed that the crossing shall be sized for the 100-year storm with no account for upstream detention as any existing or future ponds will be privately owned. David asked to consider future temporary and permanent easements. The recently installed DOT pipe will be incorporated into the existing conditions and will be analyzed to determine if future improvements could include the pipe to reduce future infrastructure.**
 - Design a conduit to convey DW 7-1 flows under the community garden area. This conduit will be sized for the 100-year storm. **David mentioned that the pipe under the berm just east of Hwy 42 will need to be addressed. The low point on Hwy 42 is approximately 60 feet south of the existing 30" culvert crossing. David does not believe that shifting the culverts south to the low point will be better because the culverts would be adjacent to an existing house/garage. MWE will address a possible need for a drainage easement from the adjacent property owner for the original crossing location.**
 - Design an open channel to convey DW 7-1 flows east of the community garden sized for the 10-year storm. **A discussion resulted in planning for a lesser channel and allowing channel overtopping into the adjacent field up to the DW 7 – DW A tie-in if no structures are impacted. MWE will begin with the 10-year event.**
 - Determine DW 7-1 alignment to minimize irrigation system disruption and do not include a hardened maintenance path. **Shea indicated that the existing general alignment is at the current low spot and can be retained.**
 - Revise North End detention pond to reflect the future detention ponds upstream. **Shea discussed adding the future ponds on the figure, but the outflow will not change.**
 - Provide direction for Louisville to obtain easement for Anderson South Pond, Louisville Plaza Pond, Schempp Commercial Pond and Schempp South Pond. **Shea and David mentioned that the narrative should describe recommendations for Louisville to obtain easements for the ponds as future development occurs.**
 - Design DW A to preserve as much mature vegetation as possible. **Shea asked MWE to not deviate from existing alignment and determine locations of mature vegetation areas from aerial photographs. It was determined that a site meeting is not necessary at this point as this would be completed during final design.**
 - Show locations of Historic Landmarked Areas. These areas are likely within the Harney Lastoka Open Space. **Peter mentioned that Karen at the City of Lafayette may be able to provide some assistance. Otherwise MWE will contact the Colorado Historical Society to determine if they have any information for the area.**

- Design the open channel for DW A-2 east of the proposed soccer complex area and DW A to convey the 10-year storm until DW A combines with DW 7. **Shea mentioned that the concept design shall include sensitivity analysis of channel capacity based on reasonable channel geometry and slope.**

5. Moving Forward: **MWE will work with the Cities to obtain wet utility information for locating on the plans. MWE will also attempt to get information on all other utilities in the area. David mentioned a high pressure gas line and communication lines in the area. MWE will prepare the draft Phase B Report and contact the Sponsors if questions arise.**

David will provide the Drawings for the new culvert that has been installed under Highway 42. The project also included installation of inlets along Highway 42 to alleviate some flooding. This will all be incorporated into the concept design as existing infrastructure and future improvements will be planned accordingly. David mentioned that flooding concerns at Highway 42 and Harper Street.

Shea will solicit input from the Cities to determine if the Final Report will be submitted in electronic format or submitted as hard copies. MWE does not have a preference and can provide the Final Report in either format.

6. **Please contact Aaron Asquith or Jacob James at McLaughlin Water Engineers in the event these progress meeting minutes need to be amended in any way at (303) 964-3333.**