

MEETING MINUTES

Baranmor Ditch Watershed OSP UDFCD Agreement No. 08-08.07 Olsson Project No. 009-0064

Kickoff Meeting – January 13, 2009, 1:30 PM at Urban Drainage and Flood Control District

Attendees:

Shea Thomas – Urban Drainage and Flood Control District (UDFCD)
Clint Weisz – City of Aurora (Aurora)
Bill McCormick – City of Aurora
David Krickbaum – Olsson Associates (Olsson)
Deb Ohlinger – Olsson Associates
Amy Gabor – Olsson Associates

Items Distributed:

- Project Management Plan (distributed by Olsson)
- LIDAR mapping on CD (distributed by Aurora)
- Structure surveys (distributed by UDFCD)

Discussion Items:

1. The main areas of concern, problem areas and project goals were discussed as follows:
 - Baranmor Ditch bottlenecks at Peoria Street. This will most likely need to be addressed with improvements at Peoria Street or with upstream detention.
 - The gas station at Peoria Street would flood if a 1,500 cfs discharge occurred, which is the 100-year discharge reported in the unapproved 2000 study. The fire station is high enough it should not be flooded. Flood waters might not be able to get back into the channel at this location.
 - The Baranmor Ditch outfall to Sand Creek is over a sanitary interceptor and was not improved with the ICE improvements. The sanitary line will not be moved. Depending on the results of the hydrology study, the channel may need to be widened in this area and the outfall to Sand Creek improved.
 - The industrial area southeast of I-225 and I-70 has a minor storm system. Olsson will need to identify where the runoff goes during a major storm and determine whether flow is conveyed south within the railroad right-of-ways.
 - The Pederson Subdivision to the east of Chambers may need to be included in the drainage area. There is a split flow in the storm sewer system where a portion of the runoff is conveyed to the pond at I-225 and a portion goes to the south.

- Denver's drainage plans will need to be checked to see if runoff from the area southwest of I-225 and I-70 is conveyed south of the tracks and into the Baranmor Ditch watershed. Contact Walt Hime with Denver.
 - None of the properties were required to over-detain.
 - The intersections of Smith Road and Sable Boulevard and also possibly Chambers Road (or Buckley Road) have flooded in the past.
 - There are 2 – 66" pipes to the west of the existing commercial detention/water quality pond. Additional detention may not be possible in this area.
2. The schedule was discussed. The formal presentations should be scheduled such that the first occurs at the end of the Phase A report and the second after Phase B begins.
 3. Olsson will need to acquire additional information for the project. Aurora provided the LIDAR mapping and UDFCD provided the structure surveys at the meeting. Olsson will obtain GIS information, final ICE plans, subdivision drainage reports, and land use maps from Aurora. Aurora will send Olsson pdfs of storm sewer maps for the project area. UDFCD will provide 2008 aerial mapping, if needed.
 4. Aurora and UDFCD stated that the 2006 Toll Gate Creek study by Kiowa Engineering and the Murphy Creek study by Moser are similar studies that Olsson could reference for calibration purposes.
 5. The floodplain for the project area was discussed. Before the levee was built in 1985, Sand Creek split east of Chambers Road and a portion of the flows went north to Baranmor Ditch. The Morrison Nature Center, north of the levee, is in a low spot and would require pumping to be removed from the floodplain. Aurora has the original FIS work maps that show the area without the levee. Tetra Tech is currently doing a recertification on the levee.
 6. Olsson's invoice format will be adequate for this project. Olsson will provide monthly progress reports with the invoice and an updated schedule, as necessary.
 7. The design team will have progress meetings as needed. It is anticipated that meetings will be approximately on a monthly basis.
 8. Olsson will use aerials and UDFCD tables to determine the existing impervious values in the watershed area.
 9. The future impervious values were discussed. The future heavy rail will change the use in some areas. A portion of the drainage area will be Transit Oriented Development (TOD) east of Peoria. There will be 50-60 acres of parking lot: most of the TOD will be outside of the limits of the watershed. Pederson Subdivision is currently zoned rural, but will become more industrial. Future land uses will need to be discussed at the next meeting.
 10. CUHP Version 1.3.1 will be used for this project.
 11. Next progress meeting is Friday, February 20th at 9:00 AM at UDFCD.

Action Items:

Olsson:

- Obtain final Aurora ICE Processing Center plans.
- Obtain subdivision drainage reports.

- Obtain Aurora's stormwater GIS information (Charlie Cooper – 303-739-7300).
- Contact the City of Denver for drainage information.
- Delineate subwatersheds and develop existing and future land use maps prior to the next meeting. Send information to Aurora and UDFCD prior to meeting.

Aurora:

- Provide pdfs of stormwater utility maps.
- Provide 30% drawings for future TOD.
- Provide future land use plans.
- Provide Available information on the floodplain prior to construction of the levee east of Chambers Road.

Please contact Olsson at 720-962-6072 if there are any changes or questions with these meeting minutes. These minutes will be considered final unless comments are received within seven days of distribution. Although comments will be incorporated, as appropriate, only major revisions will be redistributed.

Minutes prepared by: Amy Gabor

cc: Attendees via e-mail
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