



Meeting Minutes

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Prepared for: City of Federal Heights, City of Thornton, and UDFCD

Project Title: Niver Creek MDP and FHAD

Purpose of Meeting: Project Kick-Off

Date: October 6, 2014

Meeting Location: UDFCD

Time: 10:00 am

Minutes Prepared by: Jennifer Winters, Brown and Caldwell

Attendees: Jim Kaiser, Thornton
Terri Fead, UDFCD
David Mallory, UDFCD
Shea Thomas, UDFCD
Beth Baumgartner, Brown and Caldwell
Danny Elsner, Brown and Caldwell
Jennifer Winters, Brown and Caldwell

cc: Tim Williams, Federal Heights
Anna Sparks, Adams County

Summary

- Introductions of group
 - Add Anna Sparks from Adams County to all future meetings and correspondence
- Proposal
 - Danny reviewed key points of the proposal
 - Introduced the three tributaries (L, M, and Main Stem)
 - Discussed the sections of Trib L and Trib M that are not currently mapped in the floodplain due to the Phasing of the previous FHADs
 - Jim mentioned that it is a key goal of Thornton's to adequately map the un-mapped sections. He has warned his superiors that some homes will be added to the floodplain due to this.
 - Discussed potential for timing the runoff from Trib M prior to the Main Stem to maximize the use of the existing Niver Dam
 - Additional potential storage along the main stem at library (between Thornton Parkway and Conifer) as well as other places along main stem
 - Thornton currently has a maintenance project just upstream of this area with Dave Skuodas
- Thornton Issues
 - Jim described flooding issues within Thornton
 - Gale/Lipan St. area – local street flooding issues due to steep slopes and the water needing to turn 90 degrees to get to a small storm drain; possible recommendation to address in MDP.

- Huron St. (North of Gale Blvd.), Thornton Parkway at Gale Blvd., and Juniper Dr. (north of 92nd/Thornton Ave.) overtopped by Trib M during July 2011 flood. Jim to share photos with group.
- 92nd and Pecos - local street flooding issues due to storm drain; possible recommendation to address in MDP.
- 84th Ave. box culvert – built in the 50s/60s under the mall area. Currently undersized. Likely solution is a combination of upstream storage and perhaps re-development of the area and channelizing the creek (i.e. removing the box culvert).
- Federal Heights Issues
 - Fed Heights not present at meeting, but BC discussed their issue in pre-proposal issues with Steve Durian
 - Main concern is getting residents out of the floodplain
 - Issues for both Thornton and Fed Heights regarding purchasing properties within the manufactured housing communities.
- Adams Co. Issues
 - Adams County not present at meeting, but BC discussed their issue in pre-proposal issues with Anna Sparks and Russell Nelson
 - Main concern was determining peak flows for transportation projects (i.e. York St. bridge)
- Data
 - Shea gave BC: survey data at structures, topo data, and aerial imagery.
 - Comp plans: Thornton to get info to BC
 - BC to check with Fed Heights and Adams Co.
 - Storm sewer info (GIS): Thornton to get info to BC
 - BC to check with Fed Heights and Adams Co.
 - Dam as-built data:
 - Unknown if new data exists
 - BC to check as-built drawings vs. topo vs. survey data to see if adequate data
 - Thornton also has some top of dam elevation data
 - Shea uploaded previous H&H studies to DropBox
 - David mentioned that there are a couple projects w/in the basin that have developer maintenance projects; if BC needs that as-built info, then will need to get from UDFCD (not on UDFCD GIS site)
- Baseline Hydrology
 - Discussion of hydrology kick-off
 - By next meeting (November), baseline parameters for the model should be established (assuming BC gets all necessary data from Adams Co., Fed Heights, and Thornton)
 - Model not necessarily running yet
 - Meeting intent is to run the parameters by the stakeholders for feedback
 - Current detention at three locations
 - Niver Dam
 - Trib L u/s of I-25
 - Ruston Park
 - Shea directed BC to use future hydrology only as it is equal to existing hydrology (i.e. only use comp plans for future conditions)
- Schedule
 - No major project schedule drivers for Thornton and no known for the other two stakeholders

- FHAD to be done simultaneously and should be started on after hydrology and be submitted prior to a focus on alternatives
 - BC to update project schedule accordingly
- Next meeting in November to update group on baseline hydrology
 - BC to send Doodle pole

Action Items

The following are a list of actions required as a result of the meeting discussion:

1. Develop Website (BC)
2. Gather hydrology data (BC)
 - a. Thornton to provide data to BC
 - i. Comp Plan
 - ii. Storm sewer data
 - iii. Additional Niver Dam data (if possible)
 - b. BC to coordinate w/ Fed Heights and Adams County
3. Begin developing hydrologic model (BC)
4. Schedule early November meeting (BC)

Decision Log

The following are major decisions made as a result of the meeting discussion:

1. Existing conditions hydrology = future conditions hydrology (Use future hydrology only)