

## 54<sup>th</sup> and Pecos OSP – Project Kickoff

ATTENDEES:	Shea Thomas/ UDFCD	Jen Winters/ CH2M
	Anna Sparks/ Adams County	Dan Hill/ CH2M
	Billy Gregg/ Studio CPG	Haley Heinemann/ CH2M
PREPARED BY:	Haley Heinemann	
MEETING DATE:	October 18, 2016	
LOCATION:	UDFCD	
PROJECT:	683292	

### Summary

- Group introductions
  - Russel Nelson (Adams County) could not attend. Continue to include him in all future meetings and correspondence.
- Proposal
  - Jen reviewed key points from the proposal. The following critical success factors were identified:
    - A holistic approach that marries drainage improvements with future land use and transportation plans
    - Stakeholder involvement
      - Multiple types - industrial users, railroad, CDOT, RTD, residential areas, etc.
      - Active Stakeholders – involved and interested in the neighborhood
    - Accurate modeling
    - Coordination with recent projects in the area
- Drainage Basin Overview
  - The group discussed the overall drainage basin and current issues including flooding locations, stakeholder types and involvement, and infrastructure needs.
  - The stakeholders and residents in the area are active and involved in the neighborhood. The OSP will likely receive comments and ideas from stakeholders during the course of the project and public meeting.
  - Adams County has received some complaints about flooding in the project area. This is likely due to its location within the South Platte floodplain and the lack of adequate storm sewer infrastructure. It was noted that the previous 54<sup>th</sup> and Pecos OSP recommended increasing storm sewer capacity in the area.
  - Field verification of infrastructure may be required. For example, a GIS inaccuracy is at the East 69<sup>th</sup> Ave cul-de-sac, where manholes in GIS were not present in the field.

- I-25 was discussed as a general impediment to drainage in the Denver metro area. The baseline hydrology and recommended improvements will need to take this into consideration.
- It was also noted that the previous OSP was completed prior to the construction of I-76. The current study will need to include the effects of I-76.
- Discussed existing detention in the study area.
  - It appears that no additional regional detention has been constructed following the previous OSP completed in 1989.
  - This study will verify existing detention within the basin.
- Baseline Hydrology
  - Discussed study area boundaries overlapping with other recent studies.
    - Current study boundary to be used as starting point. Baseline hydrology modeling to be used to confirm or adjust project boundary where necessary.
  - Baseline hydrology to coordinate recent studies and previous 54<sup>th</sup> and Pecos OSP.
    - Globeville-Utah Junction OSP, East 58<sup>th</sup> Avenue Improvements from Washington Street to York Street, Heron Pond (Denver), improvements along South Platte, Xcel Cherokee Plant, South Platte floodplain remapping
  - Adams County and UDFCD approved the use of Flood Modeller (CH2M’s 2D modeling software) to supplement the development of the baseline hydrology SWMM model. Flood Modeller will be used to help determine the subcatchment boundaries and can potentially be used in conjunction with SWMM when developing future alternatives.
  - Project hydrology to use CUHP 2005 Version 2.0.0, released September 2016
  - Inadvertent detention identified during development of baseline hydrology to be discussed at the Interim Baseline Hydrology meeting.
- Data
  - Unlike MDPs/FHADs structure surveys are not typically provided with OSPs. If structures surveys are needed, they will be conducted after important structures are identified during the project. Topographic contour and surface data to be provided by UDFCD.
    - ACTION: Shea to send CH2M topographic data and old OSP models if available.
  - Adams County Business Solutions will provide storm sewer, zoning, and landuse data as available.
    - ACTION: CH2M to coordinate with Brandi Rank (Adams County) for data needs.
- Schedule
  - No major project schedule drivers were noted at this time.
  - Draft Baseline Hydrology submittal to be extended to the end of the year to avoid the holidays.
    - ACTION: CH2M to update project schedule.
  - Next meeting – Interim Baseline Hydrology Meeting to discuss the initial modeling results and any issues that may have come up. Meeting to be scheduled before November 20<sup>th</sup>.
    - ACTION: CH2M to send a Doodle Poll to set up Interim Baseline Hydrology Meeting.

- Project Website
  - CH2M has completed a draft project website for incorporation on the UDFCD page.  
[www.54thpecososp.com](http://www.54thpecososp.com)
    - ACTION: Shea to put link on UDFCD website
    - ACTION: Shea and Anna to provide any comments or edits (if necessary) to CH2M.

## Action Items

1. ACTION: Shea to send CH2M topographic data
2. ACTION: CH2M to coordinate with Brandi Rank (Adams County) for data needs.
3. ACTION: CH2M to update project schedule with baseline hydrology due at the end of 2016.
4. ACTION: CH2M to send a Doodle Poll to set up Interim Baseline Hydrology Meeting.
5. ACTION: Shea to put project website link on UDFCD website ([www.54thpecososp.com](http://www.54thpecososp.com))
6. ACTION: Shea and Anna to provide any website comments or edits (if necessary) to CH2M.