



## PROGRESS MEETING MINUTES

Basin 4100 and DFA 0056 OSP  
Tuesday, July 31, 2018  
11:00 am at Olsson Associates

### Attendees:

Name	Representing	E-mail
Brooke Seymour	Urban Drainage and Flood Control District (UDFCD)	bseymour@udfcd.org
Dave Skuodas	UDFCD	dskuodas@udfcd.org
Jim Kaiser	City of Thornton (Thornton)	Jim.Kaiser@cityofthornton.net
Matt Eberly	Thornton	Matt.Eberly@cityofthornton.net
Russ Nelson	Adams County	RNelson@adcogov.org
Marc Pedrucci	Adams County	mpedrucci@adcogov.org
Amy Gabor	Olsson (Olsson)	agabor@olsson.com
Deb Ohlinger	Olsson	dohlinger@olsson.com
Chance Uhrich	Olsson	curhich@olsson.com
Hannah Pring	Olsson	hpring@olsson.com

### Discussion Items:

The meeting was held to discuss the draft alternatives analysis and report and direction for completing the alternatives analysis. While this summary is not intended to represent a comprehensive account of the meeting, it is intended to represent a comprehensive account of the meeting, it is intended to reflect the key points raised and issues for further consideration and to identify the action items resulting from the discussions.

#### 1) Draft Alternatives Analysis

##### a) Tributary B

- i) Thornton requests that Tributary B be included in the alternatives analysis. Stormwater currently discharges into the ditch. Thornton would like to separate the stormwater from the ditch flows.
- ii) The previous OSP proposed a storm sewer that flowed under local streets, but there would be many utilities along the proposed alignment.
- iii) A potential option is to convey flow up Welby, or up Welby and turn right, outfalling into the existing detention pond southeast of Welby Circle. However, this pond is not sized for any additional flows.

##### b) Survey

- i) Thornton will provide survey for the conceptual design. Olsson will send additional information regarding survey needs.

- c) Additional detention basins
  - i) Detention basins to be added to the baseline hydrology:
    - (1) North G Tributary upstream of E 98<sup>th</sup> Avenue
    - (2) Colorado Boulevard at E 96<sup>th</sup> Avenue (review drainage study, if available, to determine if modeling is needed)
    - (3) J Tributary north of E 96<sup>th</sup> Avenue and 94<sup>th</sup> Avenue (review drainage studies)
  - ii) Detention basins on H Tributary and West G Tributary will not be added to the baseline hydrology, but will be discussed within the report and recommendations will be based on engineering expertise.
- d) Comments on alternatives
  - i) In the Adams County Open Space area, update alternatives to route flows into Middle Pond and construct a formal outlet structure. Olsson will evaluate the feasibility of using the old ditch alignment. South Pond will be avoided altogether. Include recommendations for any future trail crossings.
  - ii) Clarify text regarding the intent of the DFA 0056 alternatives.
  - iii) Review record drawings for the School Tributary 84" culvert under new Welby.
  - iv) Include an alternative for a spillway and slope hardening at the downstream end of Drainageway 4100.
  - v) Evaluate channel improvements at the downstream end of Drainageway 4100.
  - vi) Incorporate low maintenance streams in conceptual design.
- e) Storm drain systems
  - i) UDFCD will confirm what information should be included regarding storm drain systems, as there is limited survey information for plan and profile drawings.
- f) Maintenance costs – only where we evaluated alternatives?
  - i) UDFCD will confirm how maintenance costs should be addressed.
- g) Dividing costs between jurisdictions
  - i) Costs in the OSP will be based on existing jurisdictional boundaries.
  - ii) Jurisdiction boundaries will be updated based on the latest information.
- 2) The OSP floodplain is based on assumptions that would be different included in a FHAD floodplain (i.e. the inclusion of private detention basins).
- 3) ,Schedule

a) Anticipated comments

- i) Comments were provided to Olsson Associates on 8/1/2018.

4) Meetings

a) After comments, if needed

b) Public meeting

- i) Will be held after alternatives analysis comments have been addressed.  
ii) High School is a potential meeting location.

**Action Items:**

- Thornton
  - Provide drainage plan for Colorado Boulevard detention basin
  - Provide record drawings for School Tributary 84" culvert under Welby
  - Provide survey
- UDFCD
  - Confirm how the conceptual design storm plan and profiles should be represented for storm drain recommended improvements
  - Confirm how maintenance costs should be evaluated
- Olsson
  - Forward updated survey request to Thornton – *completed 8/1/2018*

Please contact Olsson at 303-237-2072 with changes or questions regarding 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: Hannah Pring  
cc: Attendees, File