City and County of Denver Department of Transportation & Infrastructure
Right-of-Way Services | Floodplain Management Group
201 W. Colfax Ave., Dept 507 | Denver, CO 80202
www.denvergov.org/flood
Phone: 720-865-3215

City and County of Denver
CONTRACTOR WORKPLAN (JANUARY 2026)

Purpose: The Contractor Workplan is a dynamic document showing how the proposed construction means and methods will be completed in a manner to prevent harm to people and property. The Contractor shall provide a Workplan when the project requires temporary obstructions to be placed in the floodway/drainageway.

What Information to Include: Below is a list of typical requirements for a Contractor Workplan. Depending on the scope of the project there may be additional information needed. Contractor Workplans shall be signed and sealed by a Colorado-licensed Professional Engineer.

Low Flow Season – October 1st to April 30th:

- ☐ Description of the proposed temporary obstruction(s) to be placed in the floodway. This includes temporary crossings (culverts), coffer dams or work pads blocking flows (within the Ordinary High Water Mark), scaffolding or other temporary structures that will not be removed at the end of each workday.
- ☐ Calendar schedule (scheduling software preferred) or approximate calendar dates and durations for temporary obstructions and equipment in the floodway.
- ☐ The flow rate for the design of temporary diversions and/or crossings shall be based on the peak rate that has occurred over the last 10 years from gage data (for the same calendar duration). If gage data is not available, temporary diversions and/or crossings shall be designed using the Mile High Flood District's Urban Storm Drainage Criteria Manual Volume 3 Temporary Diversion Methods or Temporary Stream Crossing Fact Sheets. Calculations showing the diversions and/or crossings will pass the design flow rate, signed and sealed by a PE.
- ☐ Projects on Bear Creek, Cherry Creek, or the South Platte River: The flow rate for design of temporary diversions or crossings and supporting calculations shall be submitted 60 days prior to anticipated start of construction allow for the Floodplain Management Group to coordination with the U.S. Army Corps of Engineers and the Colorado Water Conservation Board.
- ☐ List of all construction equipment that will be working in the floodway (including dewatering equipment).
- ☐ Contact information for the on-site Supervisor.

High Flow Season – May 1st to September 30th:

- ☐ All items listed under Low Flow Season, except temporary diversions shall be calculated using the following hydraulic analysis method:
  - HEC-RAS modeling that shows the temporary floodway obstruction(s) will not cause adverse impacts to adjacent property during a 100-year or 1% chance flood event. An adverse impact is when the calculated flood water (rise) leaves the channel and flows onto private property.
- ☐ Emergency Action Plan (EAP) to allow a temporary floodway obstruction without that item being included in the hydraulic analysis if the temporary floodway obstruction can be quickly and easily removed from the floodway. An example is having a crane on-site that can lift a temporary bridge/crossing out of the floodway. The bridge would not need to be included in the hydraulic analysis as a blocked obstruction. The following items shall be included in the EAP:
  - Description of the temporary obstruction and equipment used to remove it from the floodway.
  - Weather, dam releases, and Flash Flood Prediction monitoring plan.
  - Contact information for person(s) responsible for monitoring the weather and directing removal of the temporary obstruction from the floodway.

Change Happens: We understand construction schedules change due to various unknowns and weather conditions. Submit revised Contractor Workplans for changes that modify the engineered temporary obstruction or extend the work beyond the originally defined limits to floodplain@denvergov.org.