



Encroachment Permit
District Inundation Easement and Property
Application Form

1. **Project Name:** Southeast Loop Segment 1 Phase 1

Project Acreage: 90.51 ac District Dam #: 21

Jurisdiction: Williamson County Previous Permit #: N/A

2. **Owner (Name/Title):** Bill Gravel Jr., Williamson County Judge

Company: Williamson County

Address: 710 S. Main Street, Ste. 101, Georgetown, Tx 78626

Telephone: (512)943-1550 Email: ctyjudge@wilco.org

3. **Applicant/Engineer (Name/Title):** Craig L. Hebbe, PE

Company: K Friese + Associates, Inc.

Address: 1120 S. Capital of Texas Highway, CityView 2, Suite 100, Austin, Tx 78746

Telephone: (512)338-1704 Email: chebbe@kfriese.com

4. **Description of proposed activity to occur within the Inundation Easement:**

Construction of the Southeast Loop eastbound frontage road. It includes a 3-lane roadway with a bridge over Dam 21, shared use path, and storm sewer.

5. **Compensatory Cut:**

Total fill (cy)

Total cut (cy)

a. Sediment Pool

0

0

b. Flood Pool

1,113.20 CY

11,051.31 CY

6. **Floodwater Cut (24-hr 1%AEP):**

Total added (cy)

Total cut (cy)

a. Detention

6,130.65 CY

Included in compensatory cut

Owner's Acknowledgement

- The District does not receive or review submittals made to any other jurisdictions and additional permits may be necessary from other entities.
- Any revisions that change the civil site plans based on other entity review or for any other reason must be resubmitted to the District for acceptance.
- I acknowledge that all fees required are my responsibility.
- I hereby authorize the applicant indicated above to represent me in matters pertaining to this permit.

Signature of Owner

Date

Craig L. Hebbe, P.E.

3/8/2021

Signature of Applicant

Date

District Use Only:

Permit #: _____ Date Fee Received: _____ Cash/Check No.: _____



Encroachment Permit District Inundation Easement and Property

Submittal Checklist

The following are required to be included with the Encroachment Permit Application within District Inundation Easements and Property for a submittal to be considered complete. All submittal items shall be electronic.

Submittal Requirements:

- ✓ Encroachment Permit Application Form and Submittal Checklist
- ✓ Complete Construction Plans for entire subject tract
- ✓ CAD Files of existing and proposed grading (3D files)
- ✓ Plat(s) of the property (existing and/or proposed)
- ✓ Encroachment Permit Submittal Packet
 - ✓ UBCWCID Site Plan
 - ✓ Drainage Area Map
 - ✓ Inundation Easement Map
 - ✓ Proposed Construction Schedule
 - ✓ Drainage Report

Encroachment Permit Submittal Packet:

- ✓ **UBCWCID Site Plan**
 - ✓ Single sheet (if possible) at legible scale showing all proposed improvements
 - ✓ All District Easements or Blanket Easements located on property are shown and identified
 - ✓ All proposed impervious cover is clearly indicated
- ✓ **Drainage Area Map**
 - ✓ Existing and proposed drainage areas encompassing entire subject tract
 - ✓ Delineated drainage basins with contours
 - ✓ Existing and proposed impervious cover
 - ✓ Existing and proposed runoff coefficients
 - ✓ Existing and proposed time of concentration path delineations
- ✓ **Inundation Easement Map**
 - ✓ Limits of Inundation Easement (Area)
 - ✓ Limits of proposed fill with dimensions
 - ✓ Limits of proposed compensatory cut and floodwater cut volume with dimensions
 - ✓ Cross sections of all cut and fill locations
 - ✓ Table summarizing total fill, compensatory cut, and floodwater cut volume calculations (in cubic yards)
- ✓ **Proposed Construction Schedule**
 - ✓ Date proposed activity within District Inundation Easement (Area) will begin
 - ✓ Date proposed activity within District Inundation Easement (Area) will end
 - ✓ Expected date of completion for entire project
- ✓ **Drainage Report**
 - ✓ Report is signed and sealed by a Professional Engineer
 - ✓ Summary of project including a description of any project phasing
 - ✓ Summary of method of analysis and modeling software and origin
 - ✓ Hydrologic support including but not limited to: rainfall data; Curve Number calculations including soils map and land use map; impervious cover; and time of concentrations paths and calculations
 - ✓ Summary table of existing and proposed volume of runoff for the 24-hr 1% AEP
 - ✓ Project phasing table (Phase Number, fill volume, impervious cover area, runoff volume, compensatory cut volume required and provided, floodwater cut volume required and provided)
 - ✓ Digital copy of the hydrologic model

^ Only the inundation easement is shown

^ See Table 7 in the drainage report
(there is only one phase for this application)