



**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: ctyjjudge@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. <b>Compensatory Cut:</b> | <b>Total fill (cy)</b> | <b>Total cut (cy)</b> |
| a. Sediment Pool            | <u>0</u>               | <u>0</u>              |
| b. Flood Pool               | <u>1,113.20 CY</u>     | <u>11,051.31 CY</u>   |
- |   |                         |                                     |
|---|-------------------------|-------------------------------------|
| 6. <b>Floodwater Cut (24-hr 1%AEP):</b> | <b>Total added (cy)</b> | <b>Total cut (cy)</b>               |
| a. Detention                            | <u>6,130.65 CY</u>      | <u>Included in compensatory cut</u> |

**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.

Bill Gravel Jr.  
Signature of Owner

March 30, 2021  
Date

Craig L. Hebbe, P.E.  
Signature of Applicant

3/8/2021  
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)