

REQUEST FOR COUNCIL ACTION

09.08.2021

Department Origination:
Public Works

Agenda Section:
Utilities Commission

Agenda Item: 2022 Inglewood Drive Railway Crossing and Associated Roadway
Improvements – Feasibility Reports
City of Baxter - Municipal Project No.: 4121
BMI Project No. T42.120675

Approval Required: Simple Majority Vote of the Council

BACKGROUND

Bolton & Menk is the design consultant for the City of Baxter on this 2022 Inglewood Drive Railway Crossing and Associated Roadway Improvements. The project focuses on the relocation of the Knollwood Drive traffic signal and railroad crossing to Inglewood Drive, pavement rehabilitation on Foley Road, public utility improvements, and an improved configuration for the Forthun Road and Isle Drive intersection.

Due to the design and review timeline for Trunk Highway 210 improvements and relocation of the BNSF railway crossing from Knollwood Drive to Inglewood Drive the project has been split into two design and bid packages.

- One package consists of TH 210 and railway improvements including relocating the traffic signal from Knollwood Drive to Inglewood Drive, relocating the BNSF railway crossing from Knollwood Drive to Inglewood Drive, closing the south leg of the TH 210 and Knollwood Drive intersection, constructing a Reduced Conflict Intersection (RCI) for the north leg of the TH 210 and Knollwood Drive intersection, and extending Inglewood Drive from TH 210 south to Foley Road.
- One package consists of local improvements to Foley Road and realigning the Isle Drive and Forthun Road intersection to include a mini-roundabout. Improvements include:
 - Reconstruction of 10' wide bituminous trail on Foley Road from Highland Scenic Road to Elder Drive. A 5' boulevard will be constructed between the trail and Foley Road to meet ADA requirements.
 - Full depth reclamation (FDR) of Foley Road from Highland Scenic Road to Knollwood Road. Foley road will be constructed to a width of 26'.
 - Reconstruct Foley Road from Knollwood Drive to 1,200' east of proposed Inglewood Drive extension. Improvements include right and left turn lanes at Inglewood Drive intersection and constructing a 22' wide frontage road on the south side of Foley Road to accommodate existing driveway access at the new intersection.
 - Full depth reclamation (FDR) of Foley Road from east end of Inglewood Drive intersection turn lanes to Forthun Road. Foley road will be constructed to a width of 26'.

- Install new watermain on Foley Road from 1,000' west of Knollwood Drive to Forthun Road.
- Install new sanitary sewer from 600' west of new Inglewood Drive intersection to 1,200' east of new Inglewood Drive intersection.
- Construct mini roundabout at Isle Drive and Forthun Road intersection and realign Isle Drive such that it is the through street.
- Storm sewer improvements to accommodate constructing Foley Road to 26' wide and Isle Drive and Forthun Road realignment.

Attached for your review and comment please find Feasibility studies for the two design packages.

- Trunk Highway No. 210 & Inglewood Drive Railway Crossing Improvements Feasibility Study
- 2022 Foley Road, Isle Drive and Forthun Road Improvements Project Feasibility Study

City staff is in the process of reviewing the studies

FINANCIAL IMPLICATIONS

Financial implications are detailed in the Feasibility Study.

STAFF RECOMMENDATIONS

Staff recommend the Utilities Commission recommend to the City Council to accept the Trunk Highway No. 210 & Inglewood Drive Railway Crossing Improvements Feasibility Study and 2022 Foley Road, Isle Drive and Forthun Road Improvements Project Feasibility Study and order the Improvement Hearing.

COUNCIL ACTION REQUESTED

MOTION to approve the Utilities Commission recommending to the City Council to accept the Trunk Highway No. 210 & Inglewood Drive Railway Crossing Improvements Feasibility Study and 2022 Foley Road, Isle Drive and Forthun Road Improvements Project Feasibility Study and order the Improvement Hearing.