## Preparing Science Professionals Symposium



Presentation August 29, 2020

## Opportunities

- Local-LFUCG
  - Division of Engineering
  - Division of Water Quality
  - Division of Planning
  - Division of Traffic Engineering
- State
  - ► KYTC
  - Division of Water
  - Division of Mines and Minerals
- Federal
  - Corp Of Army Engineers
  - Military
  - EPA

### **Division of Engineering**

### **Director**

Doug Burton, P.E.

### Administration

Program Specialist (513E)
Yvonne Stone
Slide 2

### **Design and Construction**

Engineering Section Manager (527E)

Mark Feibes, P.E. Slide 3

### Right-of-Way

Municipal Engineer, Sr. (525E)
Brian Knapp, P.E., P.L.S.
Slide 4

### **New Development**

Engineering Section Manager (527E) Hillard Newman, P.E.

Slide 5

#### Division of Recommendation to approve project Collect information and data **PLANNING** Preliminary cost estimate Interview citizens Staff review Call, Request from citizens Engineering Prioritize projects Request Project approval thru MPO and KYTC Coordinate CIP with other project funds Grant Application process **BUDGET** Project Steps Preliminary design preparation Public meetings Design calculations Final design Consultant procurement process State/Federal permits, hearings Field survey Contract documents ENGINEERING DESIGN Prepare plans and review Obtain/incorporate utility info Contact residents/neighborhood associations Funding agreement (state and local) Fund authorization (state) LPA Project Guide -Environmental Clearance Soil/Pavement investigation R/W plans to KYTC Telephone, telecommunications, and cable TV R/W funding agreement Property title search Construction sequence Spending plan PRIVATE UTILITIES **Appraisals ACQUIRE** Relocation funds authorized by KYTC appraisals Negotiate with property owner RIGHT-OF-WAY Agreement with property owner **RELOCATION** Council approval of reimbursement agreements Condemnation/legal proceedings Offer to purchase Private bids Council approval Input to KYTC RWU system Easement acquisition KYTC approval to bid . Design -FHWA and KYTC authorize construction funds Budget schedule Review bids Lead time for materials Engineer's estimate **PROJECT BID** Recommend . KYTC approval to award -State and Federal wage rates Council award of contract Advertise for bids Monitor construction Review bid documents. Assist impacted residents Final contract documents Contract administration CONSTRUCTION Change orders Pre-construction meeting Final ounch list MANAGEMENT Letters to residents - Project closeout

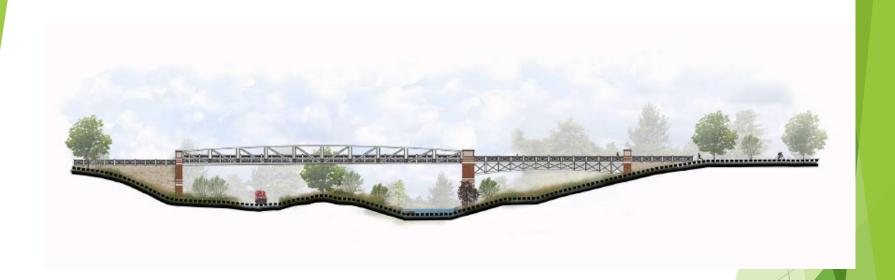
Street dosure notification

Prepare as builts

## **Brighton Rail Trail Bridge Project**



## **Town Branch Trail**



# **Clays Mill Road Project**



## West Hickman Bridge Project



## Reynolds Road Bridge Replacement Project



# **Paving Project**



# **Polo Club Boulevard Project**

