



Montgomery County Department of Transportation  
Division of Transportation Engineering

# Public Meeting

Replacement of Bridge No. M-0148X01  
*Glen Road Over Sandy Branch*



March 10, 2021



# Project Team

## ◆ **Montgomery County Department of Transportation**

■ Barry Fuss	<i>Chief, Bridge Design</i>	240-777-7261
■ Hai-Yan Zhang	<i>Project Manager</i>	240-777-7278
■ Dewa Salihi	Chief, Contracts Unit	240-777-7215
■ Gizachew Tiruneh	Project Manager, Construction	
■ Eric Willis	<i>Chief, Property Acquisition Section</i>	240-777-7229
■ Joshua Tracy	Property Acquisition Specialist	240-777-7258
■ Stella Igbinedion	<i>Traffic Project Manager</i>	240-777-2165

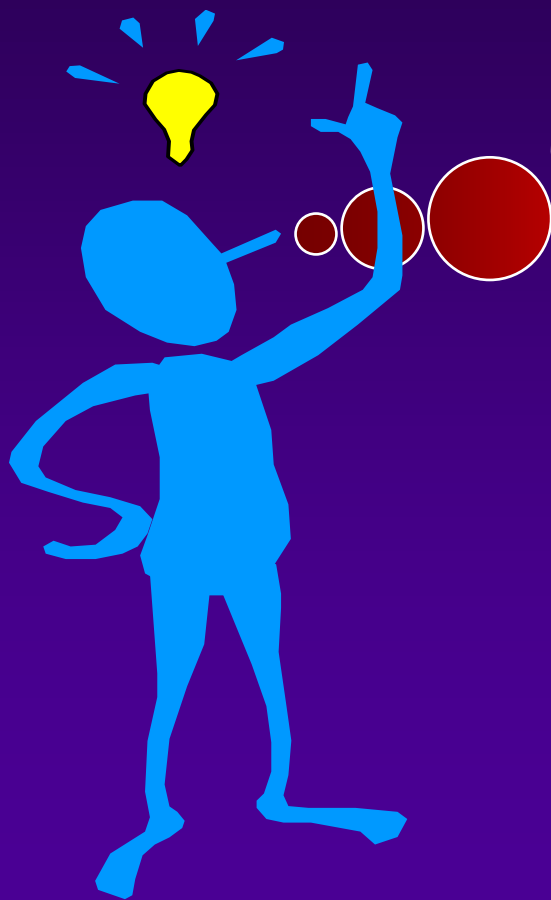
## ◆ **Design Consultant: Stantec**

■ Doug Li	<i>Project Manager</i>	240-542-3187
■ Bimal Patel	<i>Principal</i>	240-542-3184



# Purpose of the Meeting

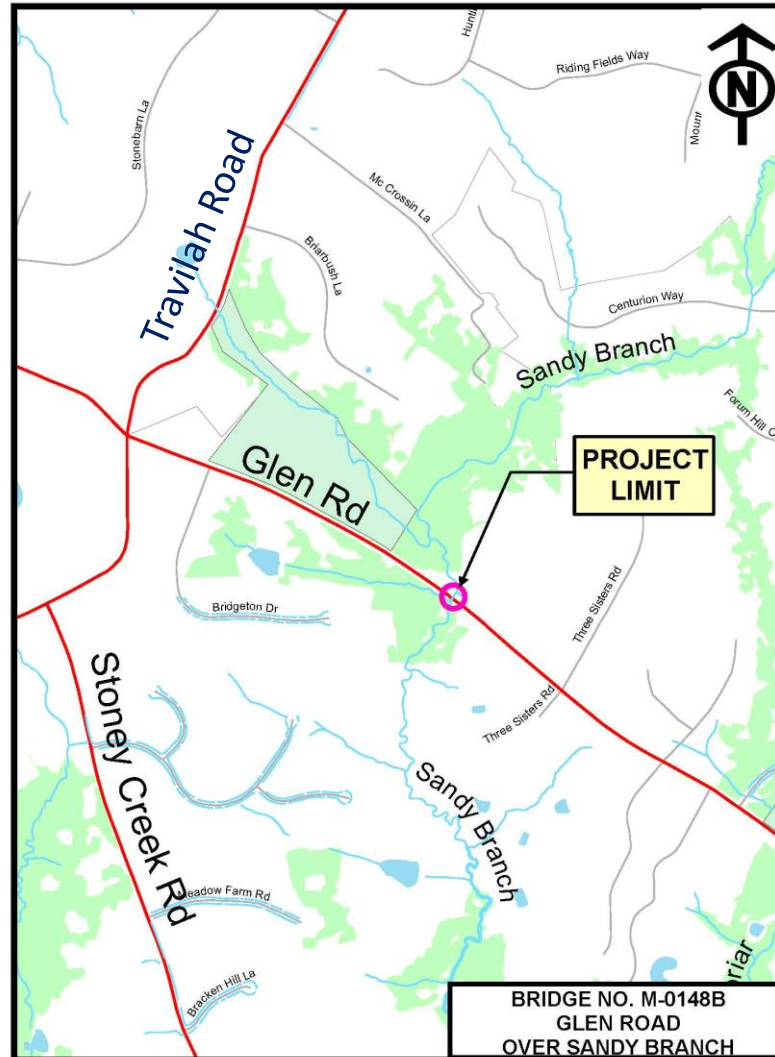
- ◆ **Present Current Design Plans**
- ◆ **Present Project Schedule**
- ◆ **Obtain Community Input**



***PLEASE HOLD  
YOUR QUESTIONS  
UNTIL  
THE END***



# Project Location







# Existing Glen Road Bridge







# Existing Glen Road Bridge

## ◆ Pavement Deterioration







# Existing Glen Road Bridge

## ◆ Structural condition







# Existing Glen Road Bridge

## ◆ Structural Deterioration



- Spalls, exposed reinforcement





# Existing Glen Road Bridge

## ◆ Structural Deterioration



- Wingwall





# Existing Glen Road Bridge

## ◆ Structural Deterioration



- Cracks and Fracture





# Existing Glen Road Bridge

## ◆ Abutment Deterioration



- Rotation of wingwall
- Vertical crack in abutment







# Existing Glen Road Bridge

## ◆ Abutment Deterioration



- crack in abutment







# Existing Glen Road Bridge

## ◆ Streambank Erosion



Erosion Along the Shoulder at the Northwest Embankment





# Existing Glen Road Bridge

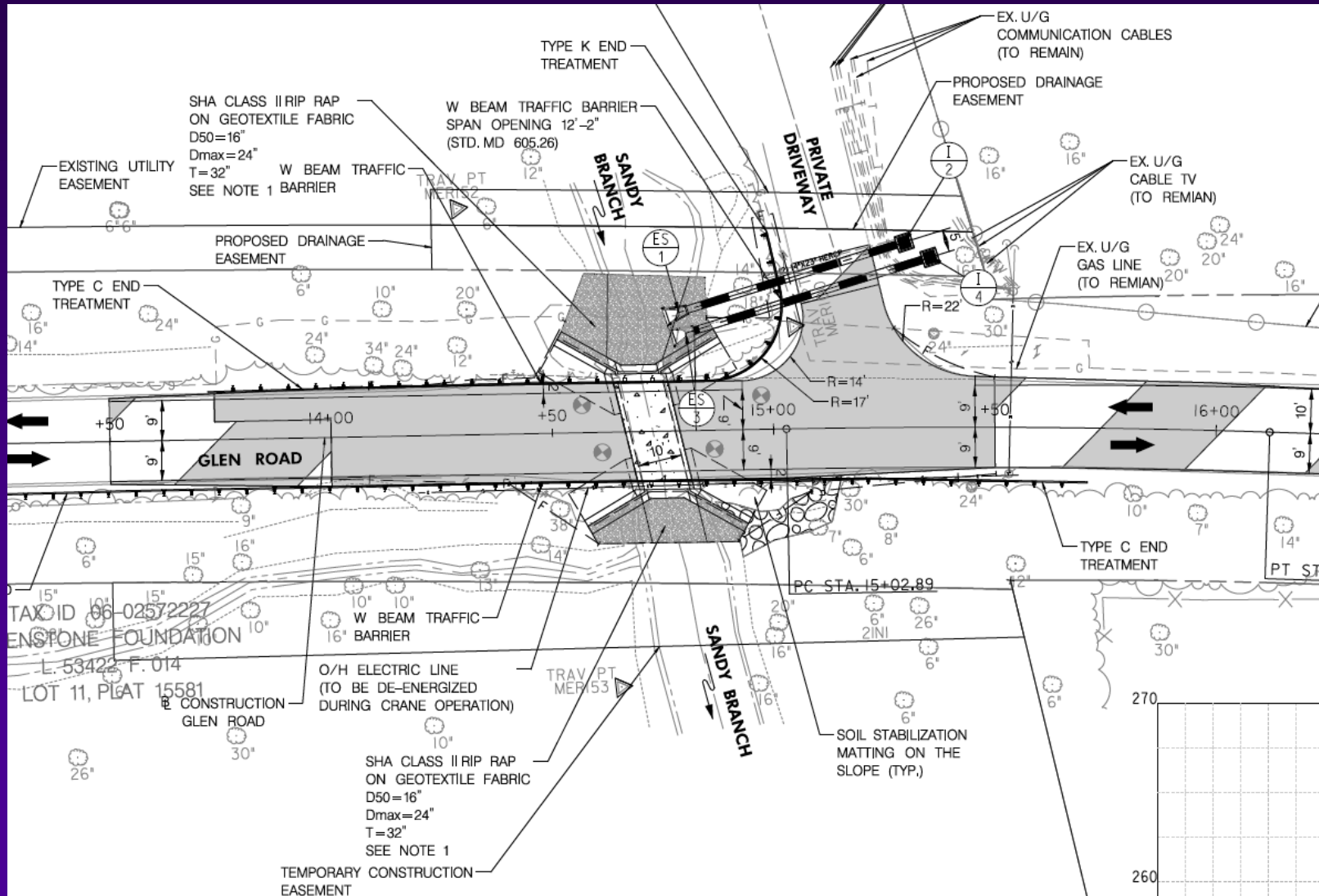


Stormwater overtopping the driveway entrance



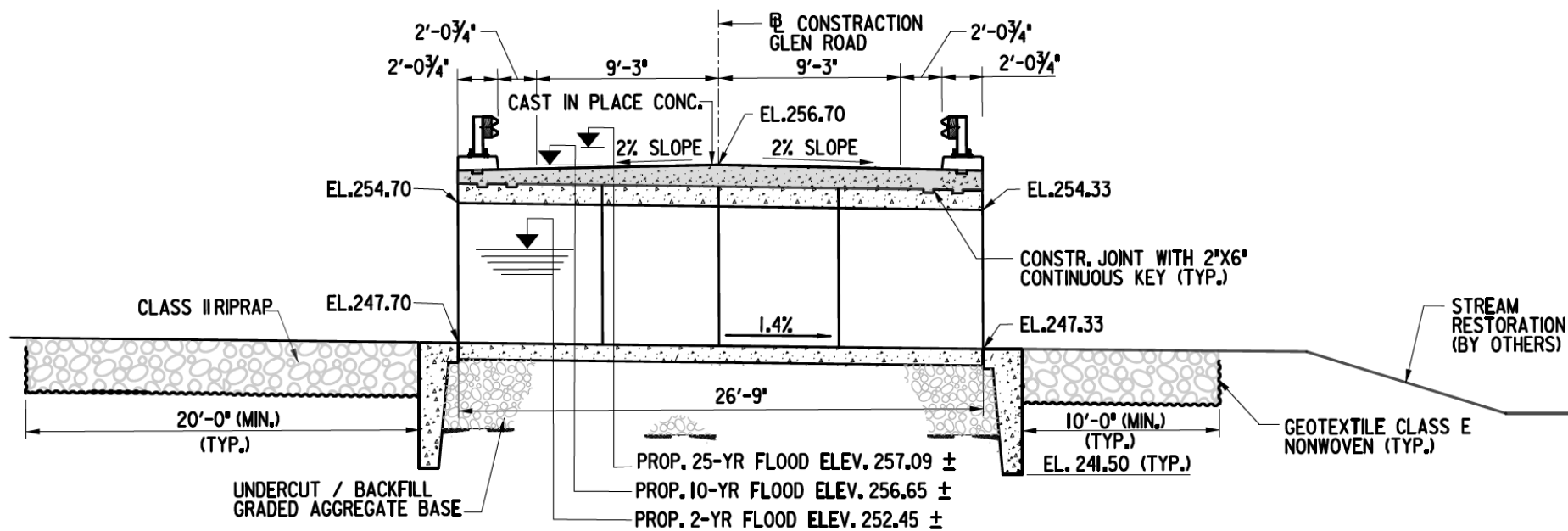


# Proposed Glen Road Bridge





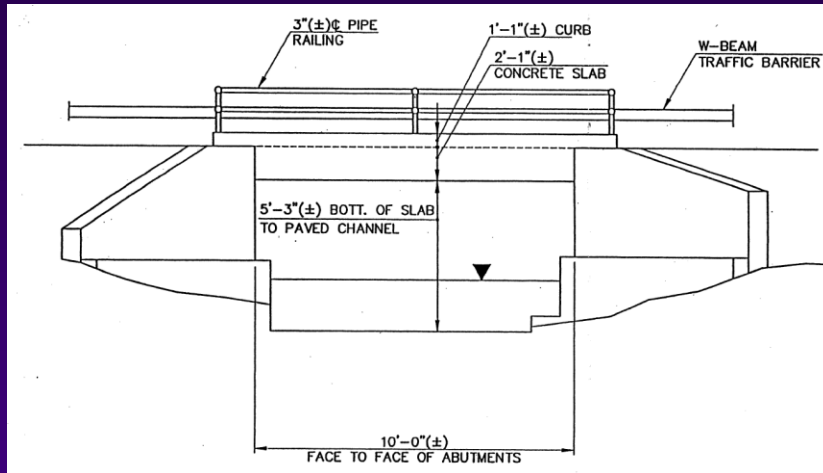
# Proposed Glen Road Bridge





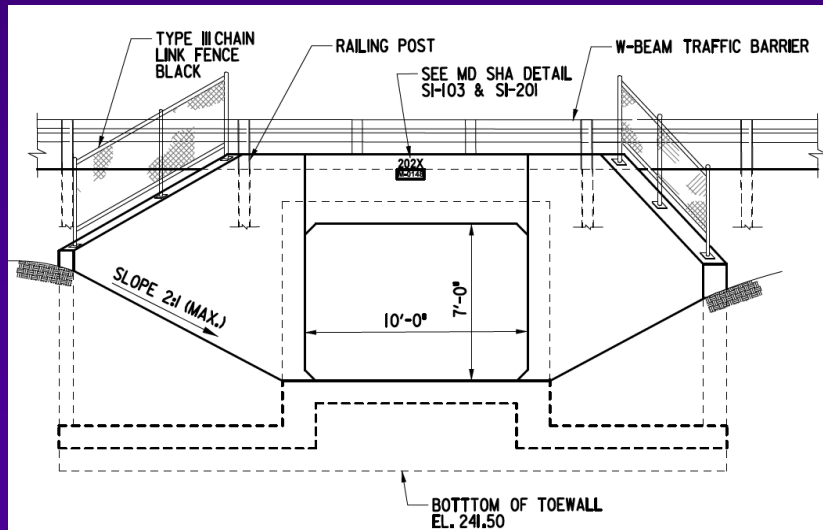


# Proposed Glen Road Bridge



## EXISTING BRIDGE

- Clear Width = 21'-7"
- Approach Roadway = 18'-0"
- Opening under bridge 10'X5'-3"



## PROPOSED BRIDGE

- Clear Width = 22'-0"
- Approach Roadway = 18'-0"
- Opening under bridge 10'X7'



# PROPOSED BRIDGE CONSTRUCTION

## Minimum Community Disruption

- ◆ **Close the road and detour traffic.**
- ◆ **Detour will be during the summer while school is closed.**
- ◆ **Anticipated detour duration: 10 weeks.**
- ◆ **Monetary incentives and disincentives to shorten construction duration to three months.**



# PROPOSED BRIDGE CONSTRUCTION

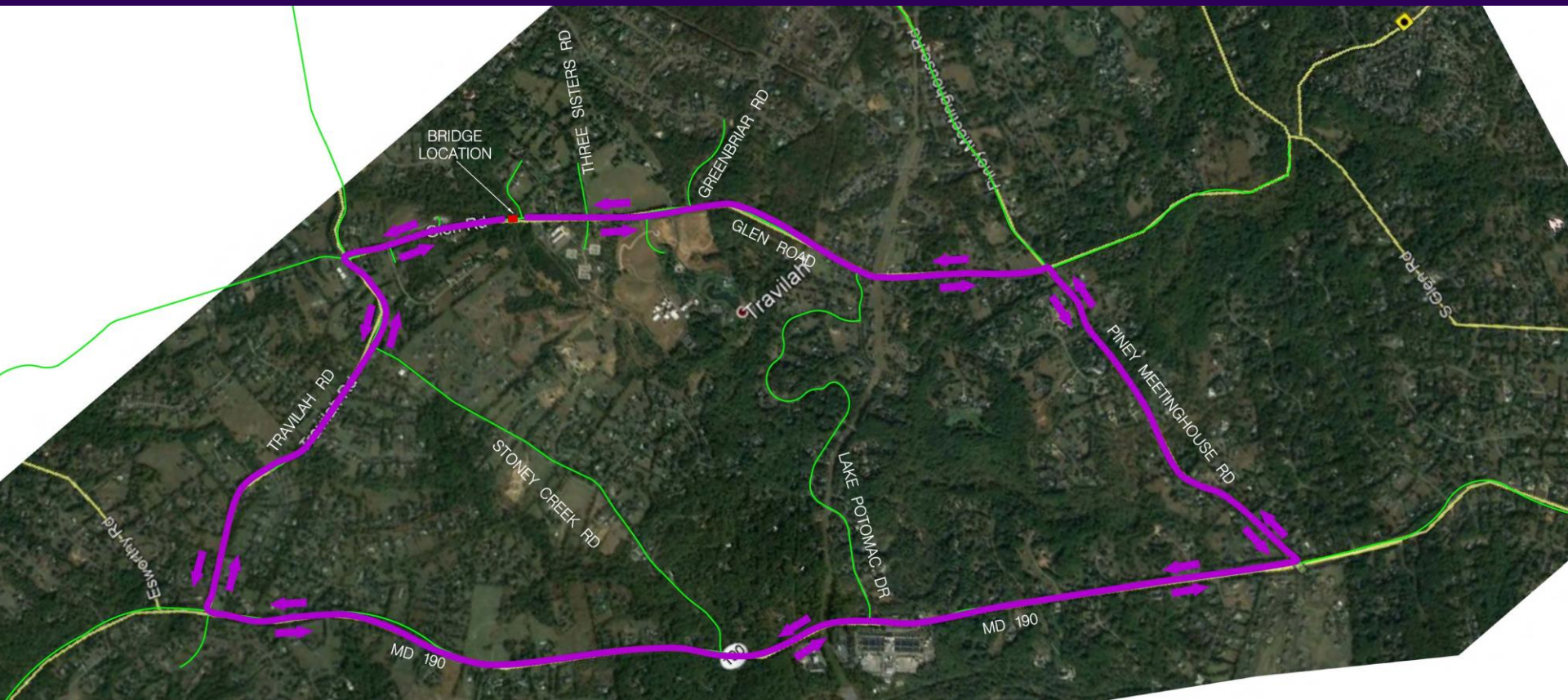
## Minimum Community Disruption

- ◆ **Coordinate with Public**
- ◆ **Coordinate with Police, Fire and Rescue**
- ◆ **Coordinate with Rustic Road Advisory Committee**
- ◆ **Coordinate with Montgomery County Public Schools**
- ◆ **Minimize Environmental Impacts**





# PROPOSED DETOUR ROUTE





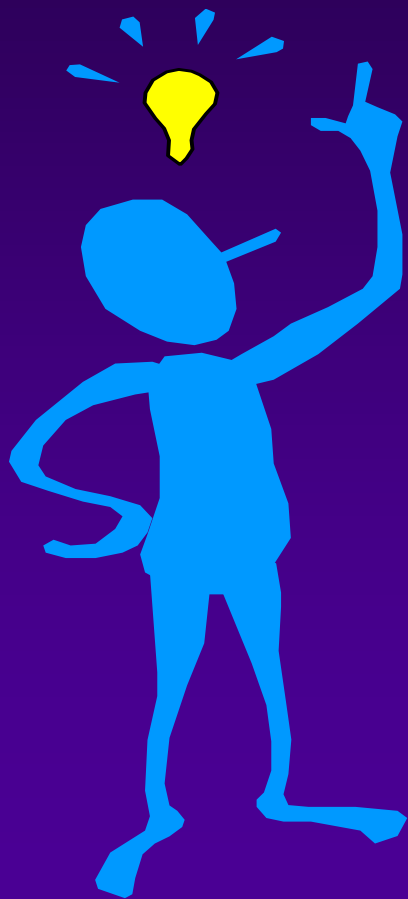
# Estimated Project Schedule

- ◆ **Final Design Complete – Summer 2021**
- ◆ **Advertise for Construction - Fall 2021**
- ◆ **Begin Construction – Middle June 2022**
- ◆ **End Construction – End of August 2022**





- ◆ **Proceed with Final Design based on**
  - **Tonight's Feedback**
  - **Comments from Environmental Agencies**
  - **Comments from Coordinating Agencies**



Thank  
You!