

National Gateway Clearance Improvement Initiative
Construction Management Pre-bid Session
Coraopolis, PA (Crowne Plaza)

August 10, 2010

How tomorrow moves



Safety Briefing

1. Fire Escapes / Exits
2. Fire Extinguishers
3. CPR Designee
4. First Aid Kit
5. 911 Primary Dialer
6. Physical Address: 1160 Thorn Run Rd, Coraopolis, PA
7. Buddy Assignment
8. Room Safety – Slips, trips & falls
9. Acknowledgement / Other topics

Phase 1 – Project Location Map



Overview of National Gateway

- 2007 Feasibility Study Prepared
- 2009 Teams Engaged for Design and Environmental Efforts
- 2009 NEPA CE's Obtained on Ohio ARRA Funded Sites
- 2010 Phase 1 Outside Funding Obtained from:
 - Ohio ARRA Funding = \$ 20M
 - Ohio ODOD Funding = \$ 10M
 - TIGER Program = \$ 98M
 - Pennsylvania TAP Grant = \$ 35M
- 2010 Construction Commences

Lead Agencies

- 2010 Phase 1 Federal Agency Participation
 - NEPA Process = Federal Railroad Administration
 - TIGER Funds = Administered by Eastern Federal Lands

Federal Funding Requirements

- Davis-Bacon Act
- Small Business Concerns
- Buy American Act
- TIGER Grant and ARRA Quarterly Reporting

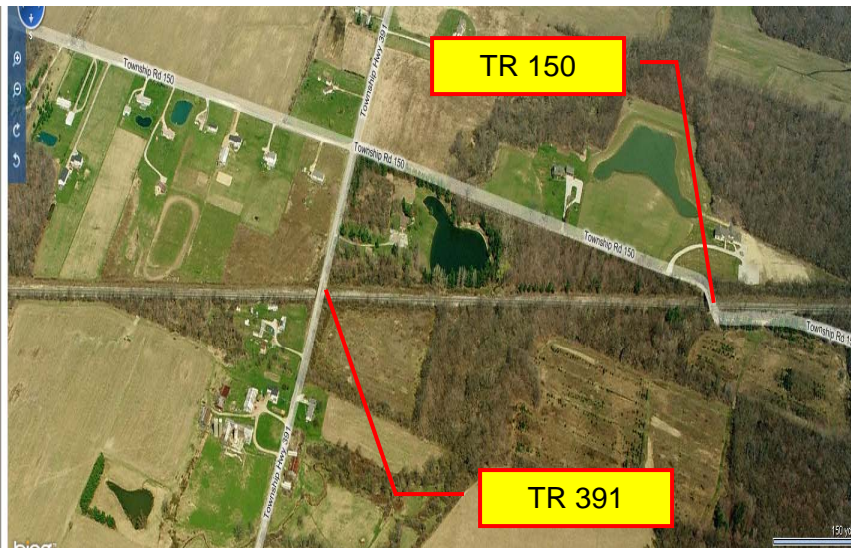
CSX Project Controls

- CSX is currently in the process of implementing a new Project Controls suite of software that will be rolled-out on the NGI Phase 1 as a final phase for development
 - The selected firm will be required to use the internal Project Controls tools for all of the project/construction management and reporting as well as participate in conversations regarding the final customizations
- The CSX Project Controls solution will be leveraged using the following enterprise level project management tools
 - Oracle Projects
 - Oracle Project Management
 - Oracle Primavera P6
 - Oracle Primavera Contracts Manager
 - Oracle Services Procurement
 - Oracle Sourcing
 - Oracle iSupplier
- Questions concerning this requirement can be directed to mary_blaschke@csx.com

Mitigation Options

- Track Lowering
- Bridge Replacement
- Bridge Raise
- Tunnel Modifications
 - Total Liner Replacement
 - Tunnel Notching
 - Open Cut
- Bridge Modifications

BG 175.70 - TR 391 - Replace Existing Bridge
BG 175.30 – TR 150 – Remove Existing Bridge
Sullivan Twp., OH



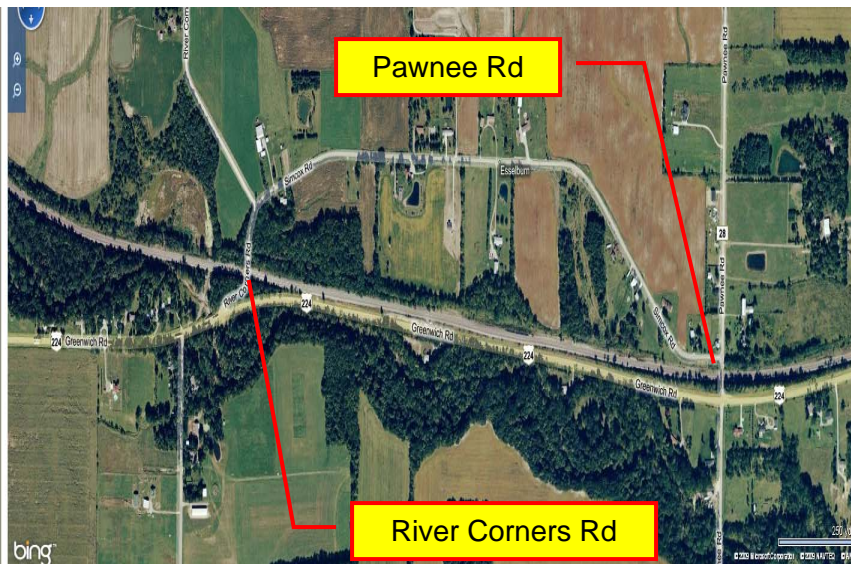
BG 175.70 - TR 391 - Replace Existing Bridge
BG 175.30 – TR 150 – Replace Existing Bridge
Sullivan Twp., OH

- Funding: Ohio Development Grant
- Delivery Method: Design / Build
- Status: Final Project Layout under review currently with Ashland County and Sullivan Township
- Notes: Includes new parallel roadway construction of Erie Game Road on Southside of Railroad to accommodate removal of TR 150 Bridge.

BG 169.70 – River Corners Rd - Replace Existing Bridge

BG 168.70 – Pawnee Rd. – Remove Existing Bridge

Homer Twp., OH



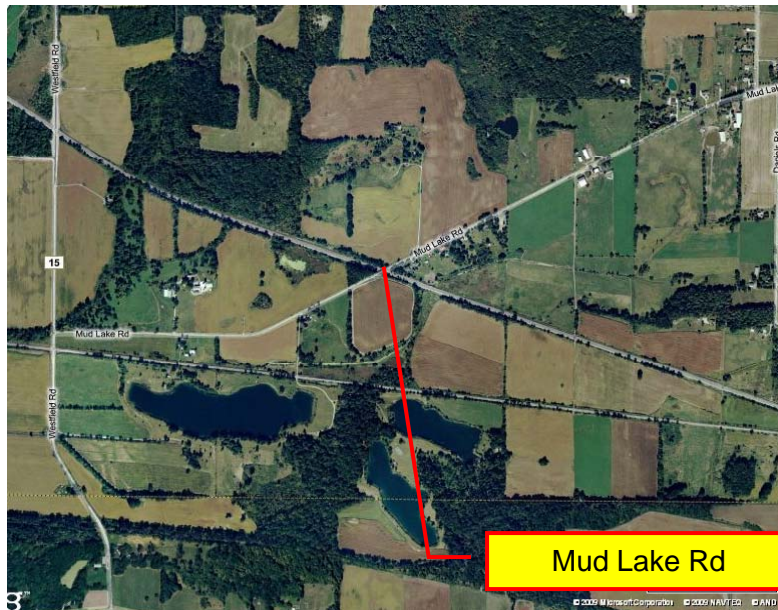
BG 169.70 – River Corners Rd - Replace Existing Bridge

BG 168.70 – Pawnee Rd. – Remove Existing Bridge

Homer Twp., OH

- Funding: Ohio Development Grant
- Delivery Method: Design / Build
- Status: Final Project Layout under review currently with Medina County, ODOT and Homer Township. Medina County to vacate section of Pawnee Road over CSX (currently County Roadway).
- Notes: Includes work on US 224 to raise intersection and replace bridge over stream.

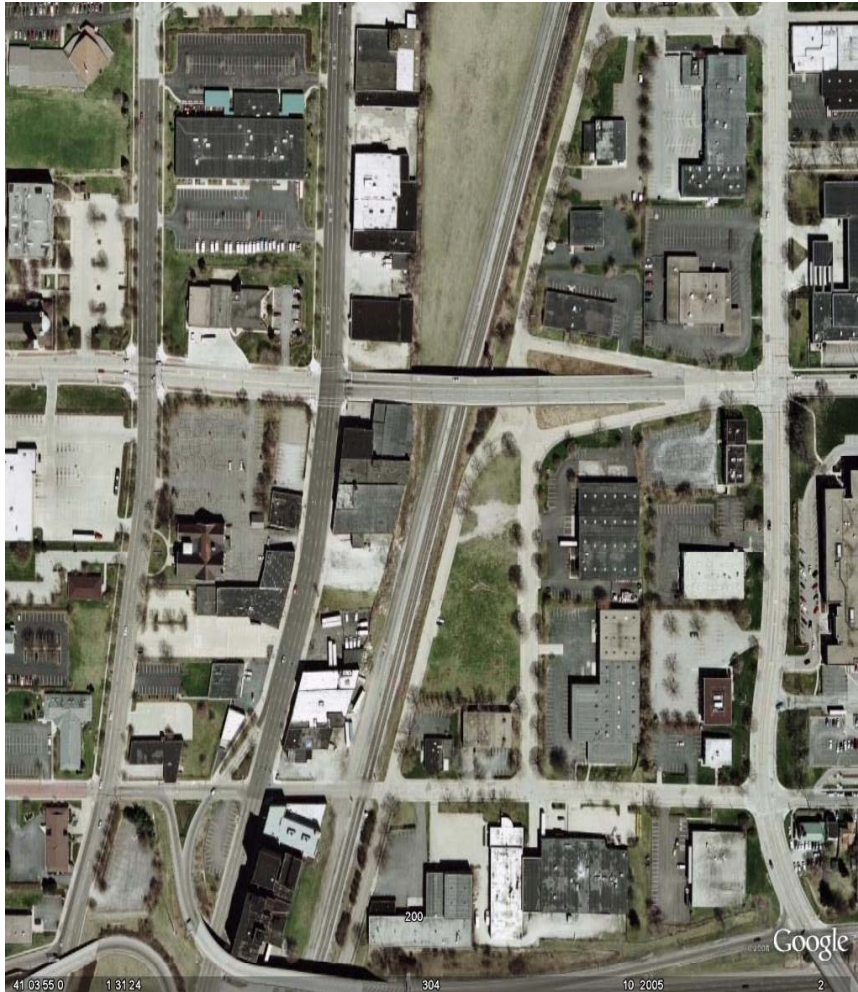
BG 160.20 – Mud Lake Rd Westfield Twp, OH - Replace Existing Bridge



BG 160.20 – Mud Lake Rd Westfield Twp, OH - Replace Existing Bridge

- Funding: Ohio ARRA Funding
- Delivery Method: Design / Build
- Status: Design / Build Bids Received 8/5/10
- Notes: None

Thornton Street OH Br – MP: BG-131.00 Akron, OH – Track Undercutting

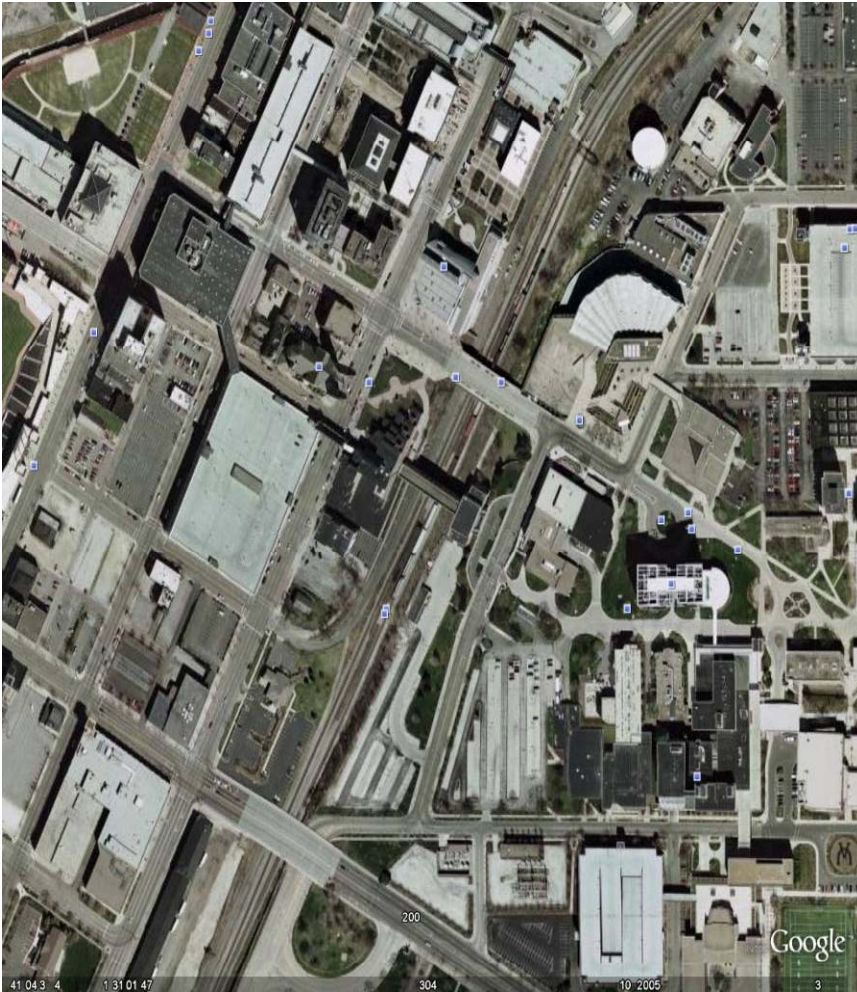


Thornton Street OH Br – MP: BG-131.00 Akron, OH - Track Undercutting

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Final Plans scheduled for completion by 10/1/10.
- Notes: None

Akron University Ped. Br – MP: BG-130.13

Akron, OH – Track Lowering & Platform Removal



Akron University Ped. Br – MP: BG-130.13

Akron, OH - Track Lowering and Platform Removal

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Final Plans scheduled for completion by 10/1/10.
- Notes: None

Park St. OH Br – MP: BG-129.50 Akron, OH – Bridge Removal



Park St. OH Br – MP: BG-129.50

Akron, OH - Bridge Removal

- Funding: Ohio ARRA
- Delivery Method: Design-Bid-Build
- Status: Project Bids Received – Currently being Awarded. Contractor NTP Projected September 2010.
- Notes: Previous project of City of Akron progressed by CSX.

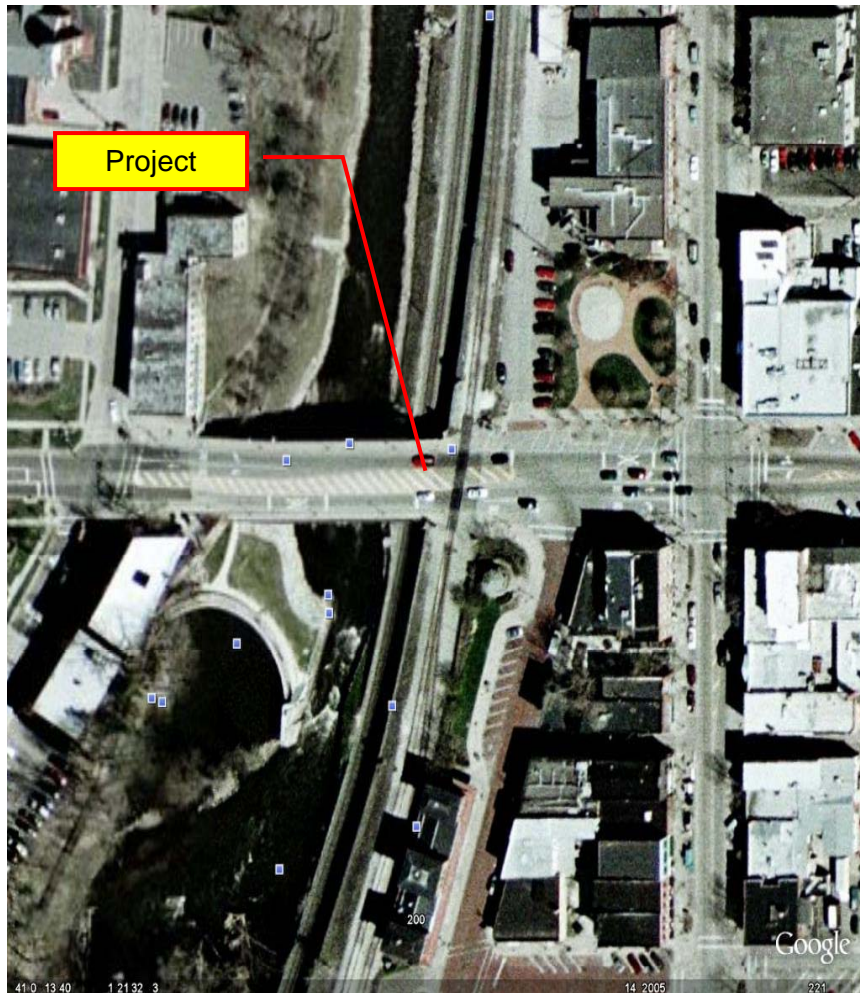
W&LE Overhead RR Br – MP: BG-118.20 Kent, OH – Track Lowering



W&LE Overhead RR Br – MP: BG-118.20 Kent, OH – Track Lowering

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Final Plans scheduled for completion by 11/1/10.
- Notes: None.

Main Street OH Br – MP: BG-117.30 Kent, OH – Track Lowering



Main Street OH Br – MP: BG-117.30

Kent, OH – Track Lowering

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Final Plans scheduled for completion by 11/1/10.
- Notes: None.
- Interlockings being constructed at BG 104 and BG 120 to support single track operations (Interlockings Funded by Ohio ARRA Funding) Interlocking construction projected for Fall 2010.

Recreational Trail & W&LE Structure – MP: BG-115.67/115.80 Kent, OH – Bridge Raises



Recreational Trail & W&LE Structure – MP: BG-115.67/115.80 Kent, OH – Bridge Raises

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Final Plans will be completed in 2nd Quarter 2011.
- Notes: None.
- Discussions with both City and W&LE held and concur with mitigation in concept.

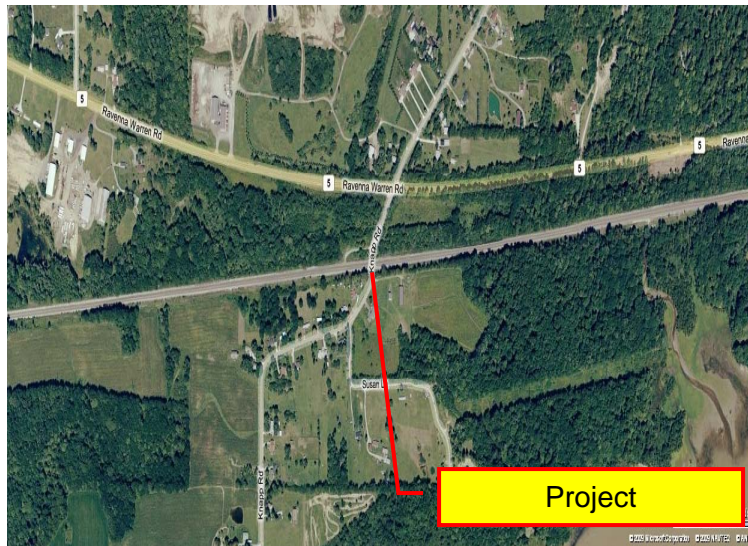
NS OH Railroad Br – MP: BG-110.80 Ravenna, OH – Track Lowering



NS OH Railroad Br – MP: BG-110.80 Ravenna, OH – Track Lowering

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Final Plans will be completed by 11/1/10.
- Notes: None

BG 107.10 – Knapp Rd Ravenna, OH - Replace Existing Bridge



BG 107.10 – Knapp Rd Ravenna, OH - Replace Existing Bridge

- Funding: Ohio ARRA
- Delivery Method: Design/Build
- Status: Bids received, NTP to Contractor projected September 2010.
- Notes: Portage County to take maintenance responsibility at completion.

BG 105.40 – Rock Springs Rd Ravenna, OH - Replace Existing Bridge



BG 105.40 – Rock Springs Rd Ravenna, OH - Replace Existing Bridge

- Funding: Ohio ARRA
- Delivery Method: Design/Build
- Status: Bids received, NTP to Contractor projected September 2010.
- Notes: Portage County to take maintenance responsibility at completion.

5th Street Bridge – MP: BG-85.70 Niles, Ohio - Replace Bridge



5th Street Bridge – MP: BG-85.70 Niles, Ohio - Replace Bridge

- Funding: Ohio ARRA
- Delivery Method: Design/Build
- Status: Bids received, NTP to Contractor projected September 2010.
- Notes: City of Niles to take maintenance responsibility at completion.

Former Railroad Bridge – MP: BG-76.60 Youngstown, OH – Remove Bridge



Former Railroad Bridge – MP: BG-76.60 Youngstown, OH – Remove Bridge

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Final Plans will be completed 2nd Quarter 2011.
- Notes: City of Youngstown concurs with the removal of the structure and adjacent substructure units.

Overhead Pedestrian Br - MP: PLE-10.25 Coraopolis, PA – Bridge Removal



Overhead Pedestrian Br - MP: PLE-10.25 Coraopolis, PA – Bridge Removal

- Funding: PA TAP Grant Agreement
- Delivery Method: Design-Bid-Build
- Status: Plans completed, awaiting NEPA EA for advertisement.
- Notes: Borough of Coraopolis concurs with bridge removal.

Ohio Central Railroad Bridge - MP: PLE-3.79 McKees Rocks, PA – Bridge Raise



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- Funding: PA TAP Grant Agreement
- Delivery Method: Design-Bid-Build
- Status: Currently discussing with Ohio Central Railroad Bridge Raising, construction schedule dependent upon conclusion of concept.
- Notes: None

CSX Chartiers Creek Bridge - MP: PLE-3.36 McKees Rocks, PA - Bridge Modifications



CSX Chartiers Creek Bridge - MP: PLE-3.36 McKees Rocks, PA - Bridge Modifications

- Funding: PA TAP Grant Agreement
- Delivery Method: CSX Force Account
- Status: Plans complete, currently awaiting NEPA EA approval to commence work.
- Notes: None

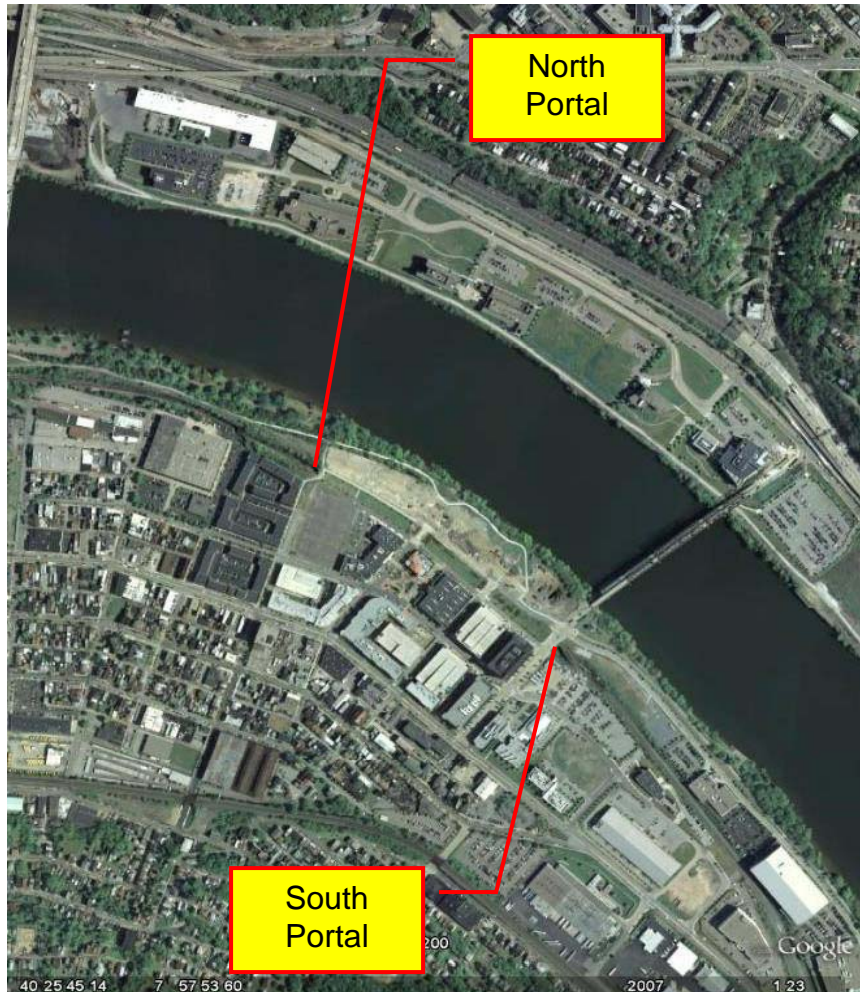
Smithfield St. OH Br - MP: PLY-0.09 Pittsburgh, PA - Track Lowering



Smithfield St. OH Br - MP: PLY-0.09 Pittsburgh, PA - Track Lowering

- Funding: PA TAP Grant Agreement
- Delivery Method: Design-Bid-Build
- Status: Final Plans will be completed by 3/1/11.
- Notes: None.

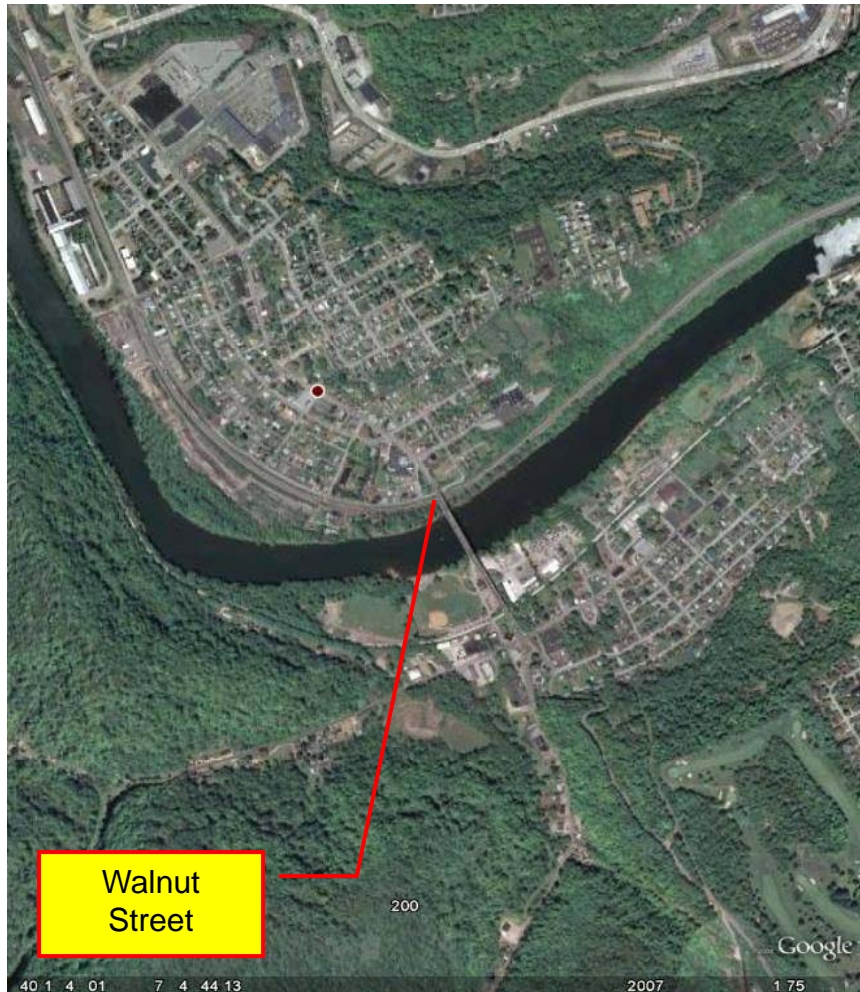
J&L Tunnel - PLY 2.00 - Structures at PLY 1.97 and PLY 2.37 Pittsburgh, PA- Roof Replacement and Br. Removals



J&L Tunnel - PLY 2.00 - Structures at PLY 1.97 and PLY 2.37 Pittsburgh, PA- Roof Replacement and Br. Removals

- Funding: PA TAP Grant Agreement / CSX
- Delivery Method: Design/Build
- Status: Statements of Pre-qualification for Design/Build Teams received 7/30/10, currently under review. Projected NTP to D/B Team 4th Quarter 2010.
- Notes: URA, City of Pittsburgh and developer involved in project coordination.

Walnut St. OH Br - MP: BF-309.70 Versailles, PA – Undercut Track



Walnut St. OH Br - MP: BF-309.70 Versailles, PA – Undercut Track

- Funding: PA TAP Grant Agreement
- Delivery Method: Design-Bid-Build
- Status: Plan completion scheduled for 11/2010
- Notes: None.

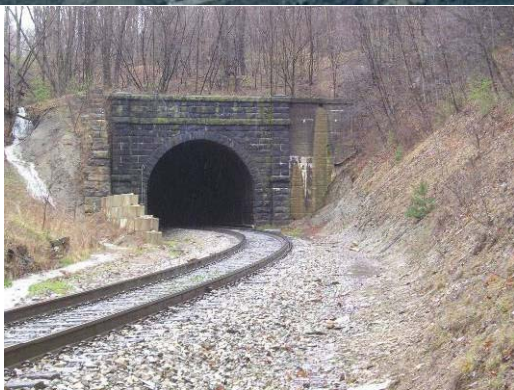
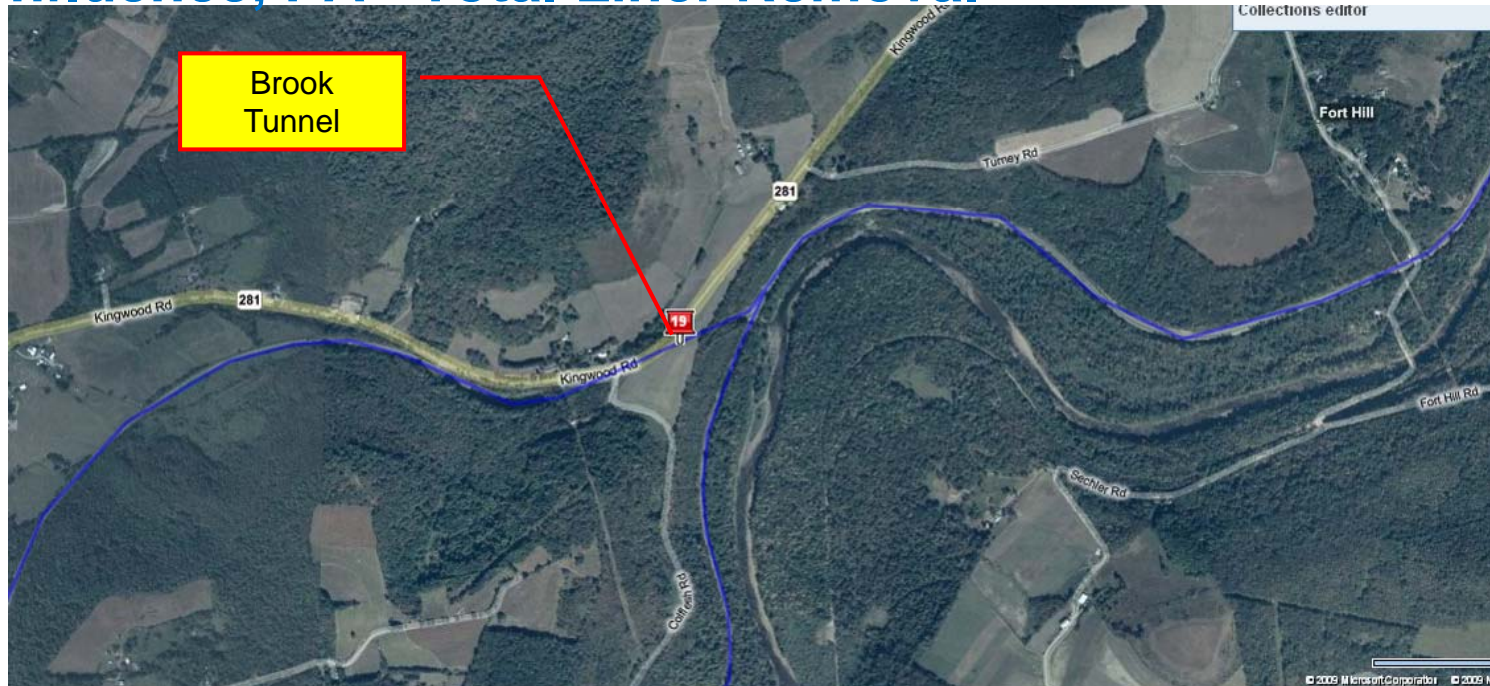
Benford Tunnel - BFJ-5.00 Confluence, PA - Open Cut



Benford Tunnel - BFJ-5.00 Confluence, PA - Open Cut

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Plan Completion scheduled for 9/2010
- Notes: Excess Material Placement Areas being finalized, initial priority immediately adjacent to tunnel location.

Brook Tunnel - BF-239.70 Confluence, PA - Total Liner Removal



Brook Tunnel - BF-239.70 Confluence, PA - Total Liner Removal

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Plan Completion scheduled for 9/2010
- Notes: Tunnel located on High Grade of a wide double track. Operations to be maintained on Low Grade. Final track curfews are being discussed.

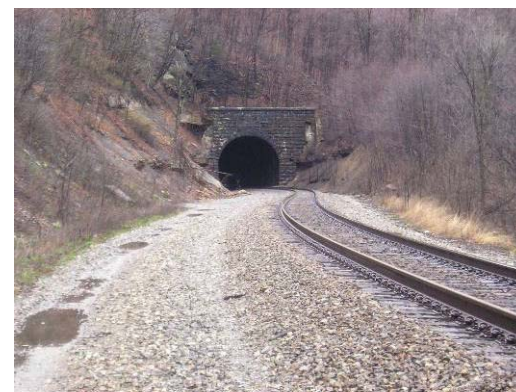
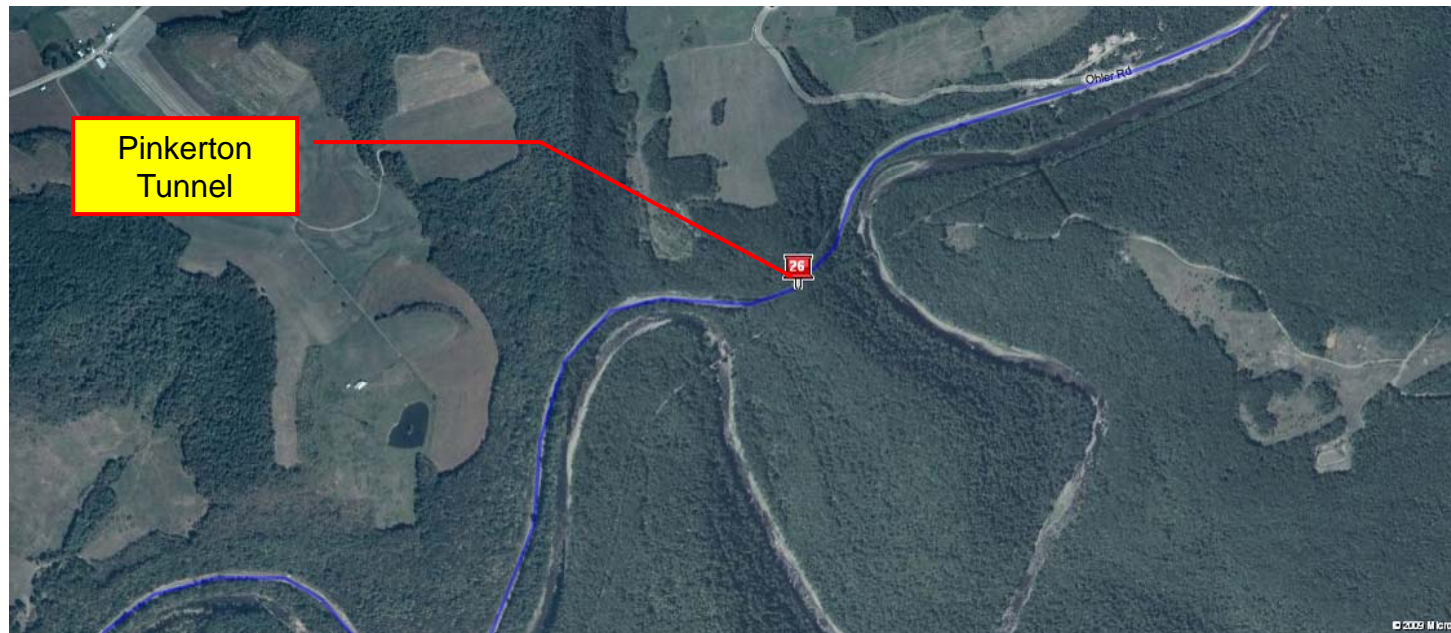
Shoo Fly Tunnel – BF 236.80 Confluence, PA - Open Cut



Shoo Fly Tunnel – BF 236.80 Confluence, PA - Open Cut

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Plan Completion scheduled for 9/2010
- Notes: Excess Material Placement Areas being finalized, initial priority immediately adjacent to tunnel location.

Pinkerton Tunnel – BF 235.40 Confluence, PA – Open Cut



Pinkerton Tunnel – BF 235.40 Confluence, PA – Open Cut

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Plan Completion scheduled for 9/2010
- Notes: Excess Material Placement Areas being finalized, initial priority immediately adjacent to tunnel location. Material estimated at 1,000,000 cubic yards.

Church St. OH Br – BF 220.00 Garrett, PA - Bridge Replacement

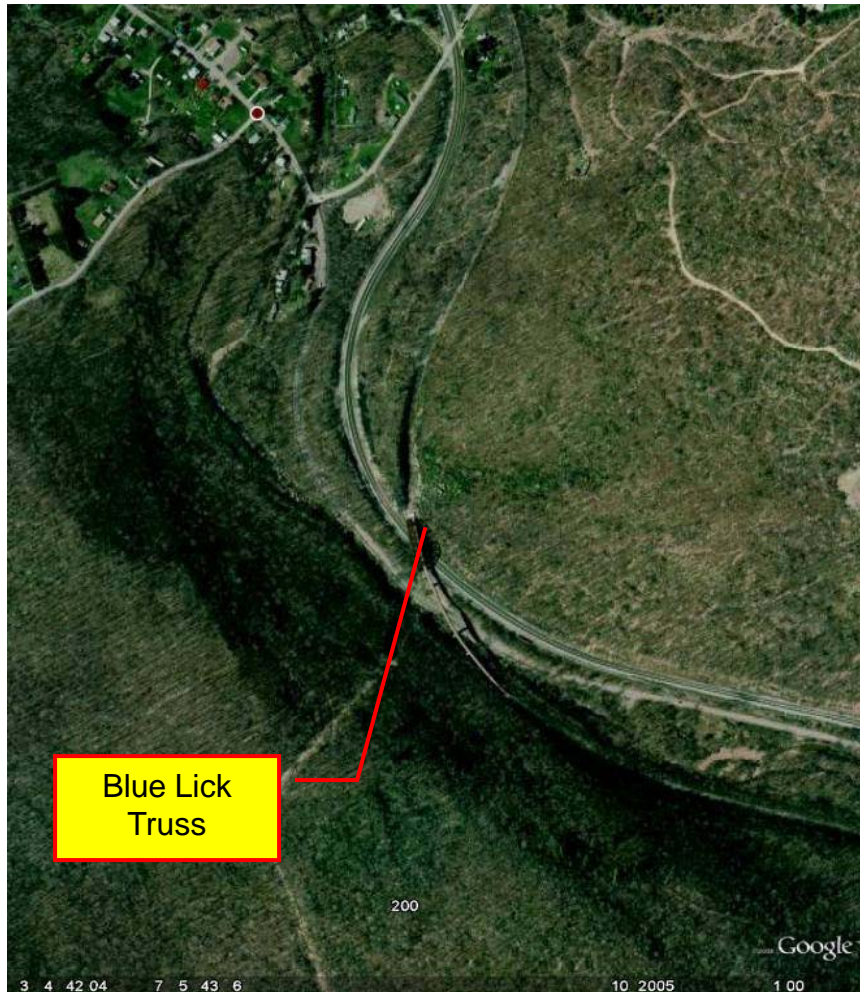


Church St. OH Br – BF 220.00

Garrett, PA - Bridge Replacement

- Funding: Pennsylvania TAP Grant Agreement
- Delivery Method: Design/Build
- Status: Design/Build Package Scheduled for completion in 2nd Quarter of 2011.
- Notes: Discussing with PennDOT District 9-0 on delivery method for new bridge.

Blue Lick Truss OH Br. – BF 212.83 Sand Patch, PA - Bridge Raise



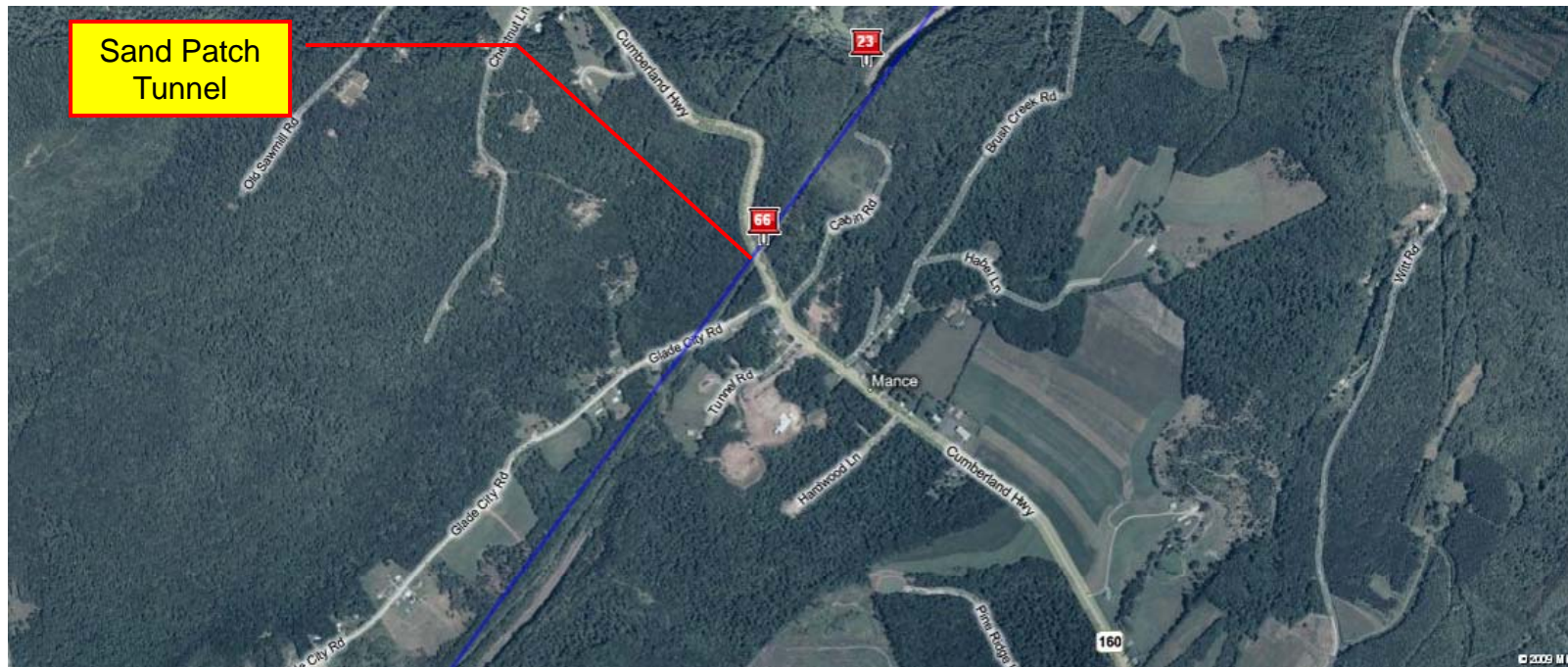
Blue Lick Truss OH Br. – BF 212.83

Sand Patch, PA - Bridge Raise

- Funding: Pennsylvania TAP Grant Agreement
- Delivery Method: Design-Bid-Build
- Status: Reached concurrence with Somerset County, plans are currently scheduled for completion by 6/2011.
- Notes: Recreational Trail must be maintained open during construction with minimal closures for a few hours.

Sand Patch Tunnel – BF 210.60

Sand Patch, PA - Notching / Portal Work



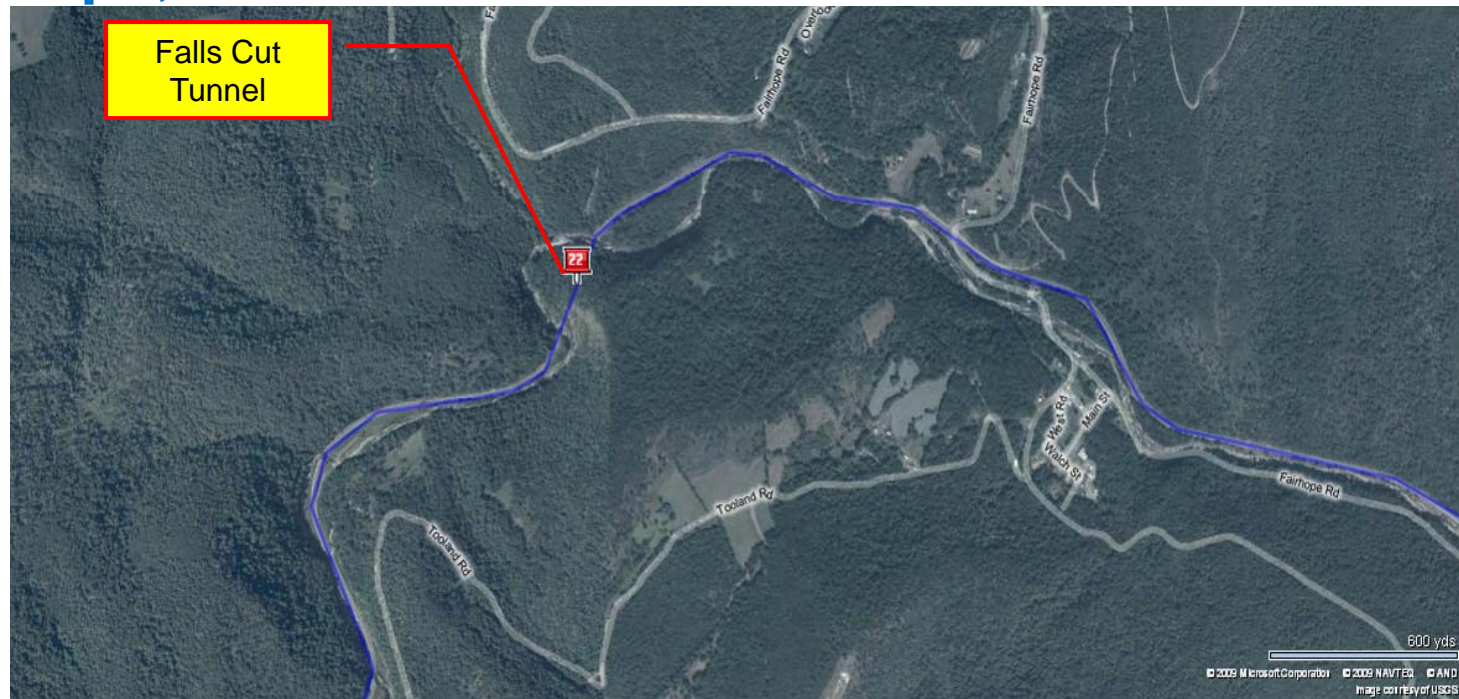
Sand Patch Tunnel – BF 210.60

Sand Patch, PA - Notching / Portal Work

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Plan Completion scheduled for 4/2011
- Notes: None

Falls Cut Tunnel – BF 198.40

Fairhope, PA – Total Liner Removal



Falls Cut Tunnel – BF 198.40 Fairhope, PA – Total Liner Removal

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Plan Completion scheduled for 4/2011
- Notes: None

CSX Hyndman UG Bridge - BF-191.92

Hyndman, PA - Bridge Modification



CSX Hyndman UG Bridge - BF-191.92

Hyndman, PA - Bridge Modification

- Funding: Pennsylvania TAP Grant Agreement
- Delivery Method: CSX Force Account
- Status: Plans complete, awaiting NEPA EA approval.
- Notes: None

CSX Tail Track Bridge – BA 172.70 Mexico, MD – Remove Bridge Construct Connection Track

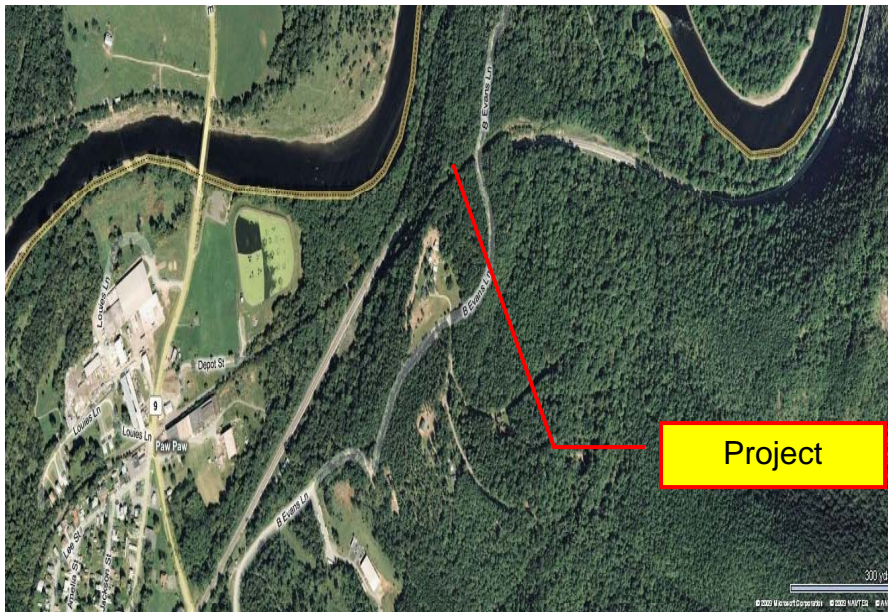


CSX Tail Track Bridge – BA 172.70

Mexico, MD – Remove Bridge Construct Connection Track

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Plans currently being developed through discussions with property owner that connection track is being proposed through.
- Notes: Connection Track through AES property to allow for bridge removal.

Carothers Tunnel - BA 147.00 Paw Paw, WV – Tunnel Liner Removal



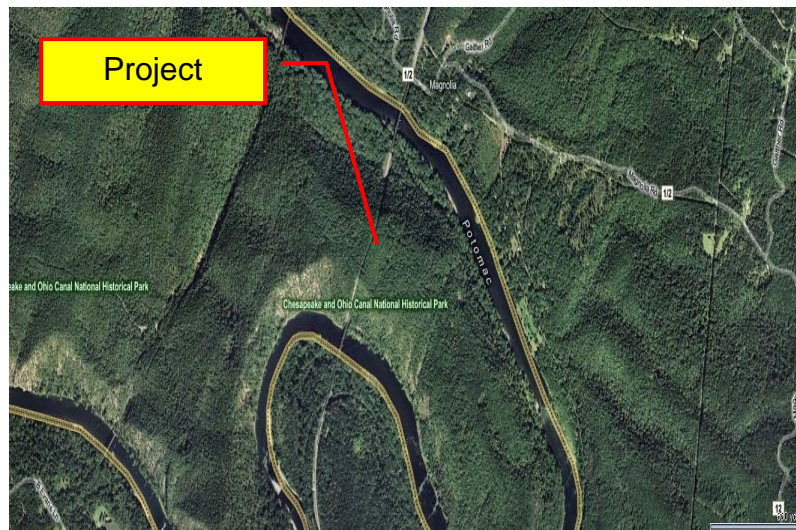
Carothers Tunnel - BA 147.00

Paw Paw, WV – Tunnel Liner Removal

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Plan Completion scheduled for 11/2011
- Notes: Magnolia Interlocking to be constructed 1st Quarter 2011 to allow for maintenance of operations during tunnel work.

Graham Tunnel - BA 145.80

Magnolia, MD – Tunnel Liner Removal



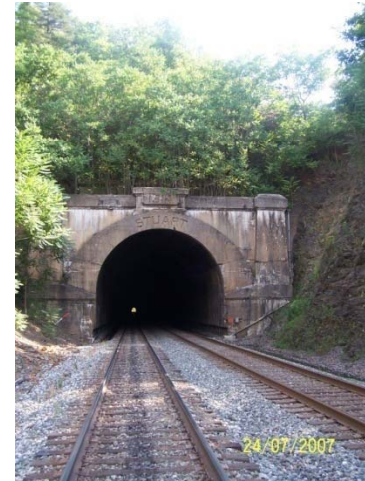
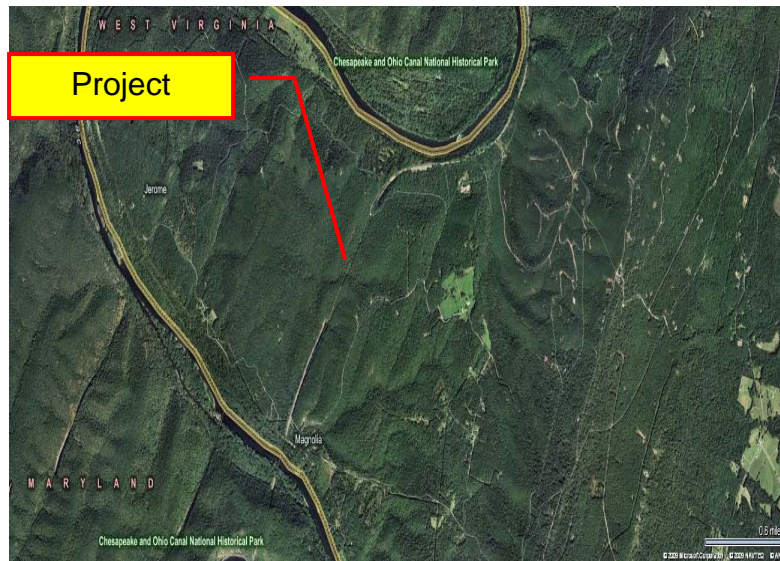
Graham Tunnel - BA 145.80

Magnolia, MD – Tunnel Liner Removal

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Plan Completion scheduled for 11/2011
- Notes: Magnolia Interlocking to be constructed 1st Quarter 2011 to allow for maintenance of operations during tunnel work.

Stuart Tunnel - BA 144.50

Magnolia, WV – Tunnel Notching



Stuart Tunnel - BA 144.50

Magnolia, WV – Tunnel Notching

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Plan Completion scheduled for 11/2010
- Notes: Magnolia Interlocking to be constructed 1st Quarter 2011 to allow for maintenance of operations during tunnel work.

Randolph Tunnel - BA 142.30 Hansrote, WV - Total Arch Liner Replacement



Randolph Tunnel - BA 142.30

Hansrote, WV - Total Arch Liner Replacement

- Funding: TIGER
- Delivery Method: Design-Bid-Build
- Status: Plan Completion scheduled for 11/2010
- Notes: Magnolia Interlocking to be constructed 1st Quarter 2011 to allow for maintenance of operations during tunnel work.

RFP Schedule

- 8/2/10 – RFP Advertised
- 8/10/10 – Pre-proposal Meeting
- 8/17/10 – Question Deadline @ 3PM
 - E-mail – Michael_Hoey@csx.com
 - E-mail Subject Line: CM QUESTIONS NGI
- 8/27/10 – RFP Submission due @ 3PM

Question and Answer

- Any initial questions?