Cambria County Construction Projects
Awarded Contracts
• **Scope:** Culvert Rehabilitation (Historic Masonry Arch)
  • Group with PA 53 Lilly Burgoon Run Culvert
• **Traffic Control:** Detour (15.2 miles) June 2020 – Aug. 2020
• **Construction Timeframe:** April 2020 – Aug. 2020
• **Contractor:** Mosites Construction Company
• **Current Contract:** $3,499,301.75
PA 53 - Cassandra Culvert

PA 53 (Portage Street) over Burgoon Run
Detour (15.2 Miles)
Lilly Borough
• **Scope:** Intersection Improvements
• **Traffic Control:** Detour & Daylight Flagging
• **Construction Timeframe:** Apr 2020 – Nov 2020
• **Contractor:** Cottle’s Asphalt Maintenance Inc.
• **Current Contract:** $2,435,133.54
Mt. Hope Intersection – Stage 2 Detours

Intersection Location
Richland & Adams Townships
Mt. Hope Intersection – Stage 3 Detours

Intersection Location
Richland & Adams Twps

Frankstown Road (5.0 miles)
Brewer Road (1.5 miles)
• **Scope:** Resurfacing, Guide Rail, Drainage, Signal Upgrades and Slide Repairs (2.1 Miles)

• **Traffic Control:** 2 Detour (5.0 Miles) & Daylight Flagging
  - Detours will be from Apr. – Jun. & Jul. – Oct.

• **Construction Timeframe:** Apr 2020 – Oct 2020

• **Contractor:** HRI Inc.

• **Current Contract:** $4,501,982.36
Route 3011 – Route 985 to Southmont Blvd

Detour for Route 3011 Slide Repair
Detour (5.0 Miles)
Route 3011 to be Closed at Two Locations at Separate Times

Route 3011 (Franklin Street) from Route 985 to Route 403
Upper Yoder Township and City of Johnstown
Route 219 - Carrolltown Improvements

- **Scope:** Resurfacing, Guide Rail, Drainage, and Signal Upgrades (2.1 Miles)
  - Grouped with Route 219 Plank Rd Curve Improvements
- **Traffic Control:** Daylight Flagging
- **Construction Timeframe:** Apr 2020 – Nov 2020
- **Contractor:** Grannas Bros. Stone and Asphalt Co.
- **Current Contract:** $5,998,831.57
Route 219 - Carrolltown Improvements

Route 219 Barn Curve to Route 4013 (Sunset Road)
East Carroll Township and Carrolltown Borough
• **Scope:** Intersection Realignment
  • Grouped with Route 219 Carrolltown Improvements
• **Traffic Control:** Phase Construction and Detour (4.4 Miles)
• **Construction Timeframe:** Apr 2020 – Nov 2020
• **Contractor:** Grannas Bros. Stone and Asphalt Co.
• **Current Contract:** $5,998,831.57
Route 219 – Plank Road Curve Improvements

Route 219 From T-484 (Twenty Mine Road) to just beyond Barn Curve
Detour (4.4 Miles)
East Carroll Township
• **Scope:** Resurfacing, Guide Rail, Drainage, Signal Upgrades, and Slide Repair (3.8 Miles)

• **Traffic Control:** Daylight Flagging & Detours (6.5 & 9.5 Miles)

• **Construction Timeframe:** Apr 2020 – Nov 2020

• **Contractor:** Quaker Sales Corporation

• **Current Contract:** $2,286,862.00
Route 3029 (Fulmer Road) from Route 3033 (Solomon Run Road) to Route 271

Conemaugh and Richland Townships and Franklin Borough
Route 3029 - Detour #1

Detour for Route 3029 Pipe Replacement
Detour (6.5 Miles)
3029 to be Closed at Two Separate Locations as Pipes are Replaced
Route 3029 - Detour #2

Detour for Route 3029 Slide Repair
Detour (9.5 Miles)
• **Scope:** Safety Improvement  
• **Traffic Control:** Shoulder/Lane Closure  
• **Construction Timeframe:** Apr 2020 – Nov 2020  
• **Contractor:** Kuharchik Construction, Inc.  
• **Current Contract:** $972,697.00
Installing 2 new permanent dynamic message signs located at two locations on route 219
Cambria Township
Route 56 - Point Stadium Bridge Rehab

- **Scope:** Bridge Rehab, Resurfacing, and Drainage Upgrades (2.2 Miles)
- **Traffic Control:** Phased Construction/Daylight Flagging/Night-time Detour (0.3 Miles) Pedestrian Detour (0.27 Miles)
- **Construction Timeframe:** Apr 2020 – Oct 2020
- **Contractor:** Cottle’s Asphalt Maintenance Inc.
- **Current Contract:** $4,906,679.78
Route 56 - Point Stadium Bridge Rehab

Point Stadium Bridge Rehab On Route 56 over Stonycreek River
City of Johnstown

Resurfacing and Drainage Upgrades
Point Stadium Bridge Rehab On Route 56 over Stonycreek River Detour (0.3 Miles) City of Johnstown
Route 56 - Point Stadium Bridge Rehab

Point Stadium Bridge Rehab On Route 56 over Stonycreek River
Pedestrian Detour (0.27 Miles)
City of Johnstown
Route 4005 - Blacklick Creek Bridge

- **Scope:** Bridge Replacement
- **Traffic Control:** Detour (13.3 Miles)
- **Construction Timeframe:** Apr 2020 – Oct 2020
- **Contractor:** Cottle’s Asphalt Maintenance, Inc.
- **Current Contract:** $725,285.35
Route 4005 over Blacklick Creek Detour (13.3 Miles)
Cambria and East Carrol Townships
• **Scope:** Safety Improvement
• **Traffic Control:** Daylight Flagging
  • Night Work on Scalp Only
• **Construction Timeframe:** Currently – Oct 2020
• **Contractor:** Dixon Electric, Inc.
• **Current Contract:** $1,800,827.25
Route 56 - Scalp Ave Signal Improvement

Replacement of antiquated signal equipment at 20 intersections
Seven municipalities throughout Cambria County
Route 869 - Trib Little Conemaugh River

- **Scope:** Culvert Replacement
  - Grouped with Route 869 Beaverdale Culvert
- **Traffic Control:** Phased Construction (4 Day Detour 10.0 Miles)
- **Construction Timeframe:** Apr 2020 – Oct 2020
- **Contractor:** New Enterprise Stone and Lime Co.
- **Current Contract:** $850,000.00
Route 869 - Trib Little Conemaugh River

PA 869 over Unnamed Stream
Detour (10.0 Miles)
Summerhill Twp
• **Scope:** Culvert Replacement
  • Grouped with Route 869 Trib L Conemaugh River

• **Traffic Control:** Phased Construction

• **Construction Timeframe:** Apr. 2020 – Oct. 2020

• **Contractor:** New Enterprise Stone and Lime Co.

• **Current Contract:** $850,000.00
Route 869 - Beaverdale Culvert

Route 869 over Unnamed Stream
Summerhill Twp
• **Scope:** Sidewalk Replacement
• **Traffic Control:** Temporary Sidewalk Closures with Daylight Flagging
• **Construction Timeframe:** Apr. 2020 – Nov. 2020
• **Contractor:** TBD – 3/12/20
• **Current Contract:** TBD – 3/12/20
Adams Township – Creslo Safe Route to School

Installation of new or replacement of unsafe sidewalks on Creslo Avenue, 3rd Street and 5th Street

Adams Township
• **Scope:** Bridge Replacement
• **Traffic Control:** Detour (5.2 miles)
• **Construction Timeframe:** Apr. 2020 – Mar. 2021
• **Contractor:** TBD – 3/12/20
• **Current Contract:** TBD – 3/12/20
Replacement of structure on Route 3015 (Main Street) over Little Paint Creek
Detour (5.2 Miles)
Scalp Level Borough, Cambria County
Contracts to be bid
• **Scope:** Resurfacing, Guide Rail, Drainage & Signal Upgrades (5.0 Miles)
• **Traffic Control:** Daylight Flagging
• **Construction Estimate:** $1.0 - $5.0 Million
• **Anticipated Bid Opening:** 2nd Quarter 2020
Route 403 - Somerset County Line to PA 56

On PA 403 from Somerset County Line to PA 56
Upper Yoder Township, Ferndale Borough, and City of Johnstown
Route 2014 – Route 1005 to Route 3012

- **Scope:** Resurfacing (0.4 Miles)
  - Grouped with Route 3017, Route 3019 & Route 53
- **Traffic Control:** Daylight Flagging
- **Construction Estimate:** $1.0 - $5.0 Million
- **Anticipated Bid Opening:** 2nd Quarter 2020
• **Scope:** Resurfacing (0.4 Miles)
  • Grouped with Route 2014, Route 3019 & Route 53
• **Traffic Control:** Daylight Flagging
• **Construction Estimate:** $1.0 - $5.0 Million
• **Anticipated Bid Opening:** 2<sup>nd</sup> Quarter 2020

Route 3017 – PA 756 to Route 3016
On Route 3017 (Brentwood Avenue) from PA 756 (Ohio Street) to Route 3016 (Bedford Street)

Geistown Borough
• **Scope:** Resurfacing (0.4 Miles) work on 3019 will not be permitted until April 2021
  • Grouped with Route 3017, Route 2014 & Route 53
• **Traffic Control:** Daylight Flagging
• **Construction Estimate:** $1.0 - $5.0 Million
• **Anticipated Bid Opening:** 2nd Quarter 2020
On Route 3019 (Oakland Avenue) from PA 756 to Route 3016 (Bedford Street)
Lorain Borough and Stonycreek Township
• **Scope:** Resurfacing (0.4 Miles)
  • Grouped with Route 3017, Route 3019 & Route 2014
• **Traffic Control:** Daylight Flagging
• **Construction Estimate:** $1.0 - $5.0 Million
• **Anticipated Bid Opening:** 2nd Quarter 2020
On Route 3019 (Gallitzin Road) from Route 2014 (Admiral Peary Highway) to High Level Bridge
Cresson Borough, Cresson Township & Gallitzin Township
• **Scope:** Intersection Realignment

• **Traffic Control:** Daylight Flagging / Detour (Northern 13.5 Miles & Southern 9.2 Miles)

• **Construction Estimate:** $1.0 - $5.0 Million

• **Anticipated Bid Opening:** 2nd Quarter 2020
Route 756 - Intersection Realignment

Intersection realignment to eliminate sight distance hazard on PA 160 at the intersection of PA 756 (Elton Road) and Route 2001 (Centennial Drive)

Southern Detour (9.2 Miles)
Northern Detour (13.5 Miles)
Adams Township
**Route 271 - Over Hinckston Run**

- **Scope:** Box Culvert Placement
  - Grouped with 271 Trib Blacklick Creek & 271 Coal Pit Run Bridge
- **Traffic Control:** Phased Construction
- **Construction Estimate:** Less than $1.0 Million
- **Anticipated Bid Opening:** 2nd Quarter 2020
PA 271 over Branch of Hinckston Run near the intersection of Route 3039 (Benshoff Hill Road)
Jackson Township
• **Scope:** Box Culvert Placement
  • Grouped with 271 Hinckston Run & 271 Coal Pit Run Bridge
• **Traffic Control:** Phased Construction
• **Construction Estimate:** Less than $1.0 Million
• **Anticipated Bid Opening:** 2nd Quarter 2020
Route 271 - Trib Blacklick Creek

PA 271 over Tributary to Blacklick Creek near the intersection of T-477 (Pine Street)
Blacklick Township
Route 271 - Coal Pit Run Bridge

- **Scope:** Box Culvert Placement
  - Grouped with 271 Trib. Blacklick Creek & 271 Hinckston Run
- **Traffic Control:** Phased Construction
- **Construction Estimate:** Less than $1.0 Million
- **Anticipated Bid Opening:** 2nd Quarter 2020
Route 271 - Coal Pit Run Bridge

On PA 271 over Coal Pit Run near the intersection of T-753 (First Street)
Blacklick Township
2020 HFST District Wide Contract

- **Scope:** High Friction Surface Treatment (Route 160)
- **Traffic Control:** Daylight Flagging
- **Construction Estimate:** $1.0 – 5.0 Million
- **Anticipated Bid Opening:** 2nd Quarter 2020
Route 160 (Evergreen Drive)
High Friction Surface Treatment
Cambria Township
• **Scope:** High Friction Surface Treatment (Route 3037)
• **Traffic Control:** Daylight Flagging
• **Construction Estimate:** $1.0 – 5.0 Million
• **Anticipated Bid Opening:** 2nd Quarter 2020
Route 3037 (William Penn Avenue) High Friction Surface Treatment
Cambria Township
• **Scope:** Highway Restoration
• **Traffic Control:** Long-term Lane Closures
• **Construction Estimate:** $5.0 - $10.0 Million
• **Anticipated Bid Opening:** 3rd Quarter 2020
Concrete pavement rehabilitation and overlay on US 22 at the Route 2014 (Admiral Peary Highway) Interchange, and at the PA 53 Interchange

Cresson Township
Thank You

Questions?
Cambria County
Maintenance Activities

Michael Peachey
County Manager
2019 Winter Agreements & 5 Year Dept. History

13 Winter Municipal Service Agreements
with
Johnstown, Dale, Ferndale, Lilly, Northern Cambria, &
South Fork Boroughs, along with Adams, Blacklick,
Croyle, Jackson, Middle Taylor, & Munster Townships

Totaling 91.9 Miles

Avg. Rate - $1,823 / mile

5 Year Department Winter Material Usage & Cost

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<th></th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
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<td>COST (000’s)</td>
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2020 Department Force Work Summary

- Seal Coating
  - 46.44 miles on 13 routes
  - Estimated Cost - $696,000

- Bridge Construction
  - 1 Structure – Route 4016
  - Estimated Cost - $200,000
2020 Department Force Seal Coat

Route 4014
Murphy Spring Road
1.93 miles

Route 4024
Thomas Mill Road
2.09 miles
Route 4013
Sunset Road
3.28 miles

Route 4006
Magee Road/Ross Ave
2.31 miles
Route 3043
Pike Road/Swigle Mountain Road/Jackson Street
7.07 miles

Route 3030
Mineral Point Road
5.34 miles

Route 3035
Beech Hill Road
3 miles
2020 Department Force Seal Coat

Route 3015
Locust Street/Main Street/Mine Thirty-Seven Road/First Street
2.06 miles
2020 Department Force Bridge Project

- Segment 30
- Susquehanna Township
- Install Box Culvert
  - Jun 15 to Aug 21
- $ 200,000
- 8.5 mile Detour
2020 Department Force Bridge Project

Route 4016 Bridge over Burns Run Detour Map

- 8.5 miles
Agility Agreements

5 Agreements with Johnstown, Cresson & Upper Yoder Townships, PA Dept. of Welfare, and the Cambria County Commissioners

Mowing, Snow Removal, Vacuuming, and Meeting Room
For
Line Painting and Paving

Other Possible Activities
• Sign Replacements
• Crack Sealing
• Shoulder Cutting
• Pipe Cleaning and Flushing
• Salt Brine
Additional County Activities

- Patching
- Guiderail Repairs and Upgrades
- Sign Replacements
- Crack Sealing
- Shoulder Cutting
- Bridge Maintenance
- Drainage Improvements
- Mowing

Pennsylvania Department of Transportation
QUESTIONS?

THANK YOU FOR YOUR ATTENTION!
Cambria County Design Overview

Vince Greenland, P.E.
Assistant District Executive - Design
• State DOTs are no longer just held accountable for the transportation system; they are also held accountable for how the system supports and improves quality of life for communities.
• Identify needs of communities and related issues early in project planning

• Consider community transportation needs
  ✓ Bicycle and pedestrian accommodations
  ✓ Transit access
  ✓ Stormwater management
  ✓ Freight
  ✓ Utilities
  ✓ Green infrastructure
**Bike Accommodations**

- **For bike lanes on state owned roadways**
  Municipalities interested in creating Bike facilities shall indicate so during the PennDOT Connects process. The PennDOT District Bicycle/Pedestrian (BP) Coordinator during the project scoping process can advise in the conceptual stage of the project. As the Bike Lane plan develops, at some point it will be necessary for the Municipality to accept maintenance responsibility.
PennDOT Connects

- Progress since Fall of 2016
  - (2017, 2019, and 2021 TIP’s)
    - 545 Projects
    - 192 Municipalities

- Additional Planned 2021 TIP (Summer 2020)
  - 21 Candidate Projects
  - 22 Municipalities

**NOTE:** If project spans more than one municipality, multiple interview forms are generated.
Cambria County PennDOT Connects Implementation Summary

Implementation Progress since Fall 2016

Projects

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<tr>
<th>Considered</th>
<th>Bid</th>
<th>Underway</th>
<th>Unfunded</th>
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<tr>
<td>124*</td>
<td>40</td>
<td>58</td>
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*Outreach for 7 projects is planned for this summer

Municipalities

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<th>Contacted</th>
<th>Met With</th>
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</thead>
<tbody>
<tr>
<td>53</td>
<td>49</td>
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ALTERNATE SOURCES
Overview

• Award must be matched with local funding by not less than 30%
• Improve freight and passenger mobility
• Maximize the benefits of capital investment
• Promote safety
• Spur economic development through transportation improvements
• Multimodal Transportation Fund application window for FY 2020-21 currently closed
• Award announcements for FY 2020-21 projects have not been announced yet
Transportation Alternatives Set-Aside

Overview

• Award must be matched with local funding for pre-construction costs
• Introduced as part of Moving Ahead for Progress in the 21st Century (MAP-21) in July 2012
• Combines Transportation Enhancements, Safe Routes to School, Scenic Byways, and Recreational Trails Programs
• Project and sponsor eligibility criteria are different than Transportation Enhancements
• Transportation Alternatives Set-Aside application window currently closed
• Next TA Set-Aside funding round anticipated in summer 2020
Eligible Projects

• Bicycle and pedestrian facilities
• Bicycle and pedestrian education (grades k-8 only)
• Conversion of abandoned railway corridors to trails
• Construction of turnouts, overlooks, and viewing areas
• Outdoor advertising management
• Historic preservation and rehabilitation of historic transportation facilities
• Vegetation management
• Archeological activities
• Storm water management
• Wildlife mortality mitigation
• Safe Route to School – Infrastructure Projects
Overview

• Administered by DCNR: Bureau of Recreation & Conservation
• Award must be matched with local funding for 50%

Types of Funded Projects

• Planning, Acquisition, and development of public parks
• Recreation areas
• Motorized and non-motorized trails
• River conservation and access
• Conservation of open space

Grants also support regional and statewide partnerships that build capacity to better develop and manage resources
Recessed pavement markings are markings that are mechanically depressed/cut into a pavement surface to a point that snow plow blades cannot erase them from the pavement surface.

This installation method was developed to extend the life of the durable and more expensive pavement markings.

Markings are kept safe, allow for greater retro-reflectivity, and limit replacement cycles.
Full Depth Reclamation (FDR)

FDR Candidate Road

- Thin Asphalt Layer
- Deterioration beyond point of “patching” to Repair
3 Step Process

- Grind existing pavement structure
- Stabilize
  - Use additive (typically cement)
  - Grade and compact
- Resurface

Equipment Required

- Reclaimer
- Grader
- Sheepsfoot roller
- Smooth vibratory drum roller
- Paver
Full Depth Reclamation (FDR)
Full Depth Reclamation (FDR)

Completed FDR

Binder Course
Full Depth Reclamation (FDR)

Benefits

- End product is essentially a new road
- Considerable service life
- Eliminates the need for base repair and overlaying, which typically results in reflective cracking of the pavement
- Exceptional ride quality
District 9 Recent FDR Locations:

- Huntingdon Co., Blacklog Valley Rd, Shirley Twp
- Bedford Co., Riddlemoser Rd, Juniata Twp
- Cambria Co., Tower Rd/Ott Rd, East Carroll Twp, West Carroll Twp, Elder Twp and Susquehanna Twp
- Somerset Co., Wilkow Rd, Stonycreek Twp
Current Design Projects
Widman St to Walters Ave

**Scope:** Resurfacing, pipe replacements, bridge improvements, inlet and drainage updates as needed on Johnstown Expressway (PA 56) from US 219 to Bedford St Exit in Richland, Conemaugh & Stonycreek Twps. and City of Johnstown

**Construction Estimate:** $5 Million - $10 Million

**Anticipated Bid Opening:** 1st Quarter 2025
PA 56 Johnstown Expressway -
US 219 to Bedford St Exit
Richland & Stonycreek Twps, Dale
Borough and City of Johnstown
Scope: Concrete pavement reconstruction and overlay of ramps at Summit and Cresson/Lilly Interchanges along the US 22 in Cresson Twp.

Construction Estimate: $5.0 - $10.0 Million

Anticipated Bid Opening: 3rd Quarter 2020
Scope: Resurfacing with geometric curve improvements, guiderail and signage updates from Sunset Rd to 10th St in Carrolltown & Northern Cambria Boroughs and West Carroll & Susquehanna Townships

Construction Estimate: 1.0 - $5.0 Million

Anticipated Bid Opening: 1st Quarter 2024
US 219 N Main St, Theatre Rd, Bigler Ave
Carrolltown & Northern Cambria Boroughs
West Carroll & Susquehanna Townships
Geistown Corridor Safety & Mobility Improvements

**Scope:** Eliminate ramps and construct a roundabout
  - Signal upgrades at 6 locations (Penrod, Churchill, Demuth, Bel-Air Plaza, Luray, and Nees)
  - Cul-de-sac of Bedford Street (at the Cloverleaf Plaza)
  - Lane reassignment and resurfacing (Penrod to Luray)
  - Pedestrian accommodations
  - Drainage upgrades

**Public Meetings:**
  - 1st Public Meeting & Business Workshops: Alternatives were presented June 15, 2016
  - 2nd Public Meeting & Business Workshops: Preferred Alternative was presented May 27, 2018
  - Preferred Alternative: Roundabout

**Construction Estimate:** $5.0 - $10.0 Million

**Anticipated Bid Opening:** 1st Quarter 2021
Geistown Corridor Safety & Mobility Improvements

Looking West

Looking North

Scalp Avenue approaching cloverleaf

Belmont Street under Scalp Avenue
Preferred Alternative
Roundabout
Geistown Corridor Safety & Mobility Improvements

Typical Sections
One lane each direction with two-way center turn lane

Luray Ave to Demuth Street / Lamberd Ave

Demuth St. / Lamberd Ave. to Roundabout and Lulay Ave. to Churchill St.
Geistown Corridor Safety & Mobility Improvements

Typical Sections

Roundabout

Two lanes climbing and one lane descending with two-way center turn lane

Florida Ave. to Penrod St. (signal)
Scope: Improve intersection safety by improving sight distance, adding left turn lanes, improving driver awareness and updating traffic signals. The project will decrease lane departure crashes by relocating utility poles out of the path of vehicular traffic and providing wider shoulders and curbed sidewalks. On Elton Rd from Alvin Ave to Industrial Park Rd in Richland Township

Construction Estimate: $5.0 - $10.0 Million

Anticipated Bid Opening: 1st Quarter 2024
PA 756 Elton Road
Richland Township
Scope: Multi-modal Mobility and Safety enhancements, drainage & signal upgrades on Valley Pike to Southmont Blvd, City of Johnstown

Construction Estimate: $1.0 - $5.0 Million

Anticipated Bid Opening: 1st Quarter 2021
Franklin Street Corridor Improvements

Franklin St – Southmont Blvd to Valley Pike
City of Johnstown
Scope: Resurfacing on Admiral Peary Highway from Munster Interchange to Blair County Line

Construction Estimate: $5 - $10 Million

Anticipated Bid Opening: 4th Quarter 2025
QUESTIONS?