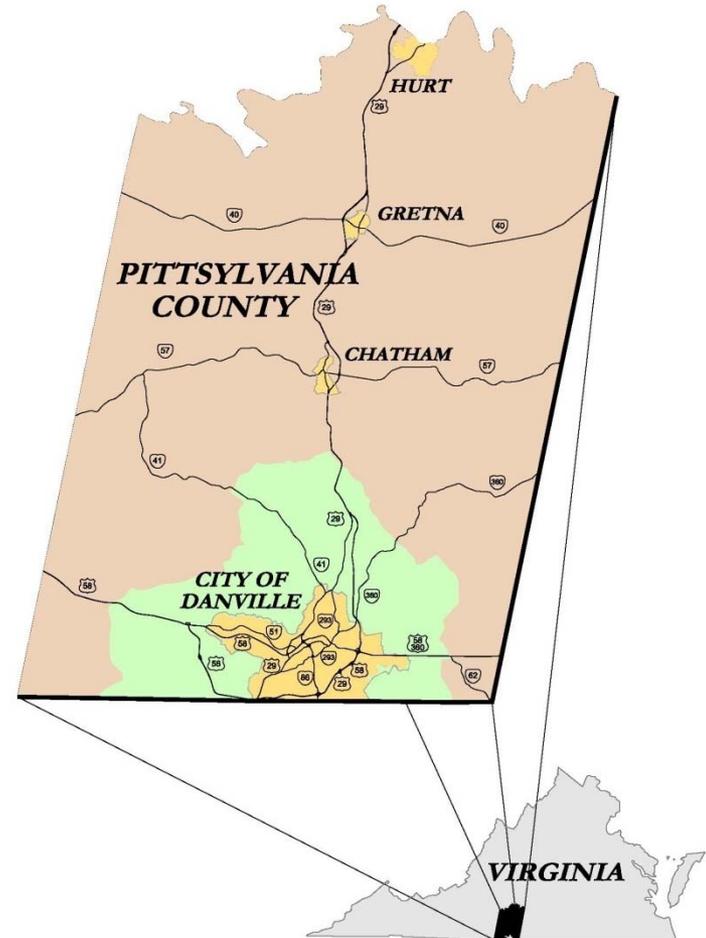


Danville (Pittsylvania) MPO

The Geography



Population

	<u>2000</u>	<u>2009*</u>
• Danville-Pittsylvania MPO	72,000	70,560**
• Danville	48,411	45,232
• Pittsylvania County	61,745	62,713
• Danville MSA	110,156	107,945
• West Piedmont PDC	250,195	249,500
• Virginia	7,078,515	7,882,590

*Source: 2009 Estimates, Weldon Cooper Center for Public Service.

** Staff estimate.

What We Do for A Living

<u>Year 2009 Employment by Industry</u>	<u>Employees</u>	<u>Percentage</u>
• Agriculture, Mining	237	0.6
• Transport, Utilities, Warehousing, Construction	2,704	7.1
• Manufacturing	6,663	17.6
• Wholesale, retail trade	6,588	17.4
• Finance Insurance Real Estate	1,334	3.5
• Services	18,628	49.1
• Government-Federal, State, Local	1,769	4.7
• Non-Classified	12	0.03
• Total Employees	37,935	100.0

Unemployment Rates

<u>Area</u>	<u>2000</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>	<u>2009</u>
Danville MSA	3.7%*	7.7%*	6.6%*	6.3%*	7.6%*	11.7%*
Danville City	4.4%	10.0%*	8.5%*	7.3%	9.6%	13.4%
Pittsylvania County	3.3%	6.3%	5.4%	5.7%	6.9%	10.6%
Virginia	2.3%	3.5%	3.0%	3.0%	4.0%	6.7%

*Highest Annual Rate in Commonwealth

Industrial Parks in Danville – Pittsylvania County Area

- We have numerous industrial parks in Danville and Pittsylvania County and they are all near and depend on the Primary network and Secondary connectors for the transport of materials in and finished goods out and getting the employees in and out daily.
- Some are near build-out, others are new, and others such as MegaPark are owned but in planning, development stages.

Danville-Pittsylvania County Industrial Parks

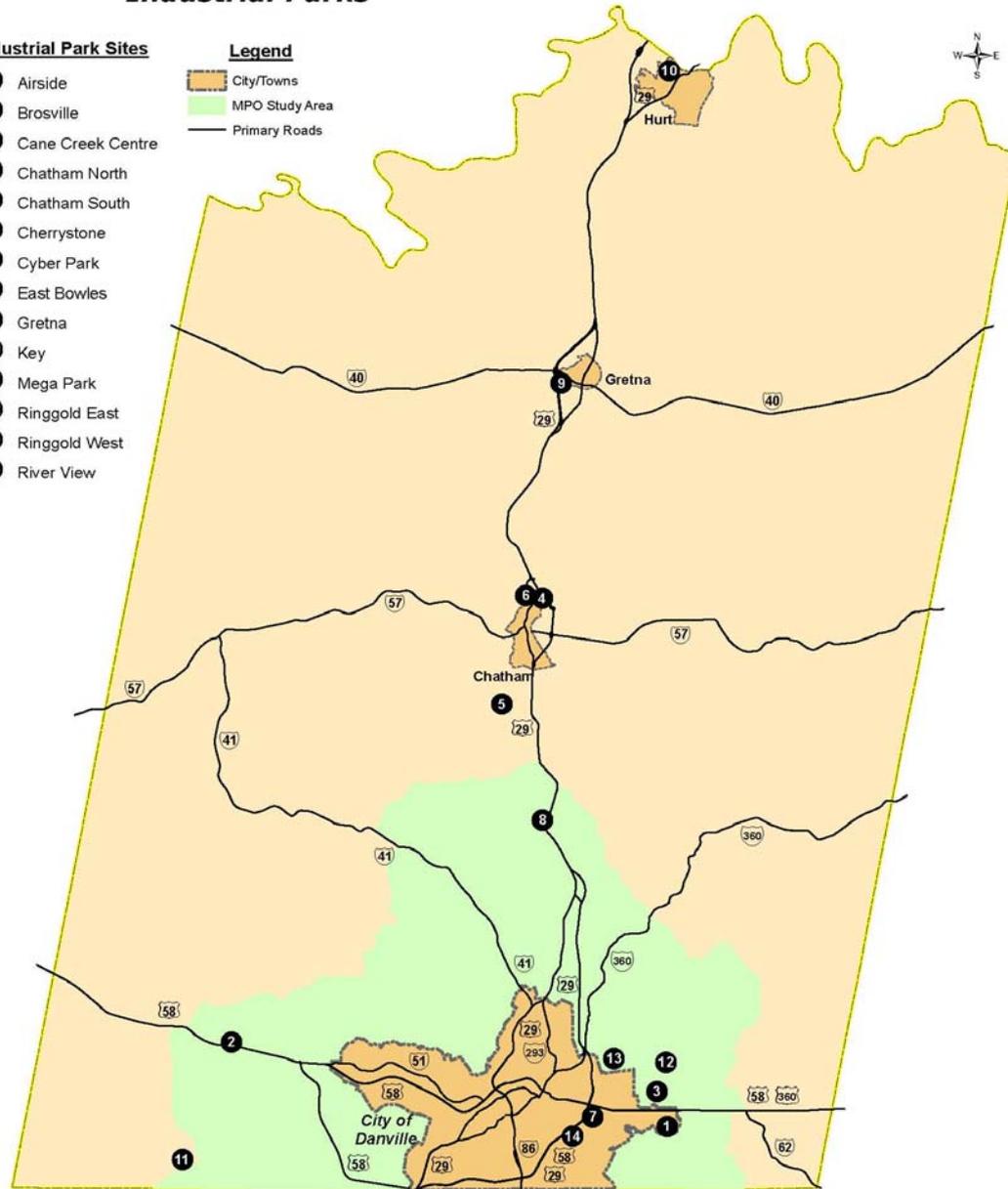
Industrial Park Map

Industrial Park Sites

- 1 Airside
- 2 Brosville
- 3 Cane Creek Centre
- 4 Chatham North
- 5 Chatham South
- 6 Cherrystone
- 7 Cyber Park
- 8 East Bowles
- 9 Gretna
- 10 Key
- 11 Mega Park
- 12 Ringgold East
- 13 Ringgold West
- 14 River View

Legend

- City/Towns
- MPO Study Area
- Primary Roads



Long Range Transportation Plan Year 2035, Adopted August 2010

- Collaborative planning effort of staffs from VDOT Lynchburg District, West Piedmont PDC/Danville MPO, VDOT Central Office, City and County, and URS Corporation, Richmond.
- Key parts: Executive Summary, Plan Sheet [text, tables, large map of project locations], and Technical Report.
- Blueprint for projects in the future: Table of Recommended Roadway Improvements (The Constrained Plan) and the Table of Vision Plan Roadway Improvements.

Table of Recommended Roadway Improvements, Year 2035

Table of Recommended Roadway Improvements Year 2035

2035 Map ID (1)	Project Description (From/To)	Locality	Status (2)	Comments	Proposed Typical Section (3)	Estimated Cost (Year of Expenditure) (4)	Previous Allocation (Prior to 2010)	Fund Allocation in L RTP (2010-2035)
1	Robertson Bridge	City of Danville	PP	Replace Robertson Bridge and Improve Approaches.	U4	\$48,288,000 (2011)	\$46,074,000	\$2,214,000
2	VA 41 Extension -- US 29 Bypass to VA 293	Pittsylvania County	PP	Construct new roadway (Rte 265-Franklin Turnpike Connector)	U4D	\$38,172,000 (2011)	\$24,343,000	\$13,829,000
3	Sandy Creek Bridge Replacement (Rt. 730)	Pittsylvania County		Replace Bridge	R2	\$2,040,000 (2020)	\$0	\$2,040,000
4	Mt. Cross (Rt. 750) - City Line to Old Mt. Cross	City of Danville		Widen to 4 Lanes.	U4D	\$22,050,000 (2020)	\$0	\$22,050,000
5	Airport Dr. at Stinson Dr.	City of Danville		Geometric improvements.	U2	\$830,000 (2020)	\$0	\$830,000
6	US 29 Bypass at Elizabeth Street (Rt. 1128) - Ramp and Road Improvements	City of Danville		Improvements to the ultimate interchange ramps as well as improvements on Elizabeth St. and Holland Road.	U2D	\$9,690,000 (2030)	\$0	\$1,000,000 (PE Only)
7	US 29 (Central Boulevard) at VA 413 (Memorial Drive)	City of Danville		Improve alignment of southbound to westbound ramp	U4D	\$1,950,000 (2030)	\$0	\$1,950,000
8	Piney Forest Road (US 29 Bus.) at North Main Street (VA 293)	City of Danville		Upgrade and signalize intersection, modify circulation patterns (including re-alignment of Seminole Drive)	U4D	\$3,550,000 (2030)	\$0	\$3,550,000
9	Piney Forest Road and Central Boulevard at (US 29 Bus.) -- Piney Forest Road to Parker Road	City of Danville		Intersection and circulation improvements (includes shift of Piney Forest Road connection to opposite Parker Road).	U4D	\$11,670,000 (2030)	\$0	\$1,000,000 (PE Only)
10	VA 863 -- US 58 to 0.8 miles south of VA 750	Pittsylvania County		Construct roadway on new alignment.	R2	\$33,010,000 (2020)	\$0	\$2,000,000 (PE Only)
11	Oak Ridge Farms Interchange (w/ US 58 Bypass)	Pittsylvania County		Interchange improvements.		\$11,160,000 (2030)	\$0	\$1,000,000 (PE Only)
12	Mega Park Connector Road - Oak Ridge Farms Interchange (w/ US 58 Bypass) to Megapark	Pittsylvania County		Construct 4-lane roadway on new alignment.	R4D	\$26,520,000 (2030)	\$0	\$2,000,000 (PE Only)
13	VA 726 (Kentuck Church) -- Rt. 729 to 0.1 MS VA 360	Pittsylvania County	PP	Reconstruct 2 lane (UPC #954)	R2	\$6,820,509 (2015)	\$4,740,000	\$2,080,509
N/A	Safety/ITS/Operational Improvements (CN)	N/A	PA	Various Improvements	N/A	\$4,500,000		\$4,500,000 (5)
N/A	Transportation Enhancements/Byway/Other Non-traditional Transportation Projects (CN)	N/A	PA	Various Improvements	N/A	\$284,348		\$284,348 (5)
N/A	Rail Crossing Safety (CN)	N/A	PA	Various Improvements	N/A	\$40,582		440,582 (5)
N/A	Bridge Rehabilitation/Replacement/Reconstruction (CN)	N/A	PA	Various Improvements	N/A	\$8,090,896		\$8,090,985 (5)
Total - Improvements						\$283,137,016	\$75,157,000	\$68,459,425
Total - Maintenance: Preventative Maintenance and System Preservation, Preventative Maintenance for Bridges, and Traffic and Safety Operation (MPO Wide)								\$851,748,315 (6)

Notes:

(1) Map ID number matches number of map of location of improvements

(2) PP -- Included in The Virginia Six-Year Transportation Improvement Program: Fiscal Year 2010-2015 PA -- Programmed Annually

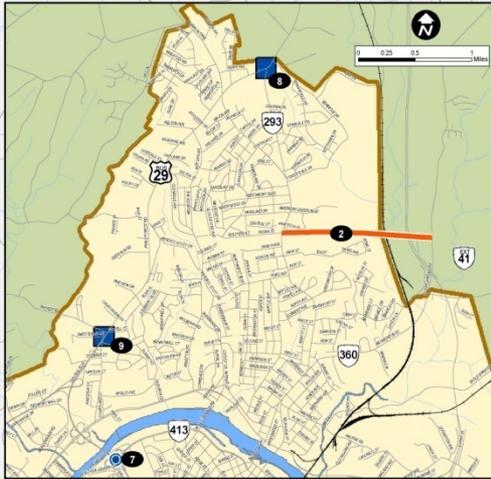
(3) Proposed improved roadway cross sections are illustrated in the panel labeled "Typical Roadway Sections."

(4) Planning-level cost estimates based on average estimates for typical section or project description. Inflation has been included in estimate computation. Unless otherwise noted, cost estimates include preliminary engineering (PE), right of way acquisition and construction.

(5) Funds are allocated to various projects on an annual basis.

(6) Funds to be obligated as projects are identified.

DANVILLE - PITTSYLVANIA AREA LONG-RANGE TRANSPORTATION PLAN - YEAR 2035 DRAFT



Legend

- Political Boundary
- Railroad
- Roads
- Water
- Key to Recommendation Table

PROGRAMMED PROJECTS

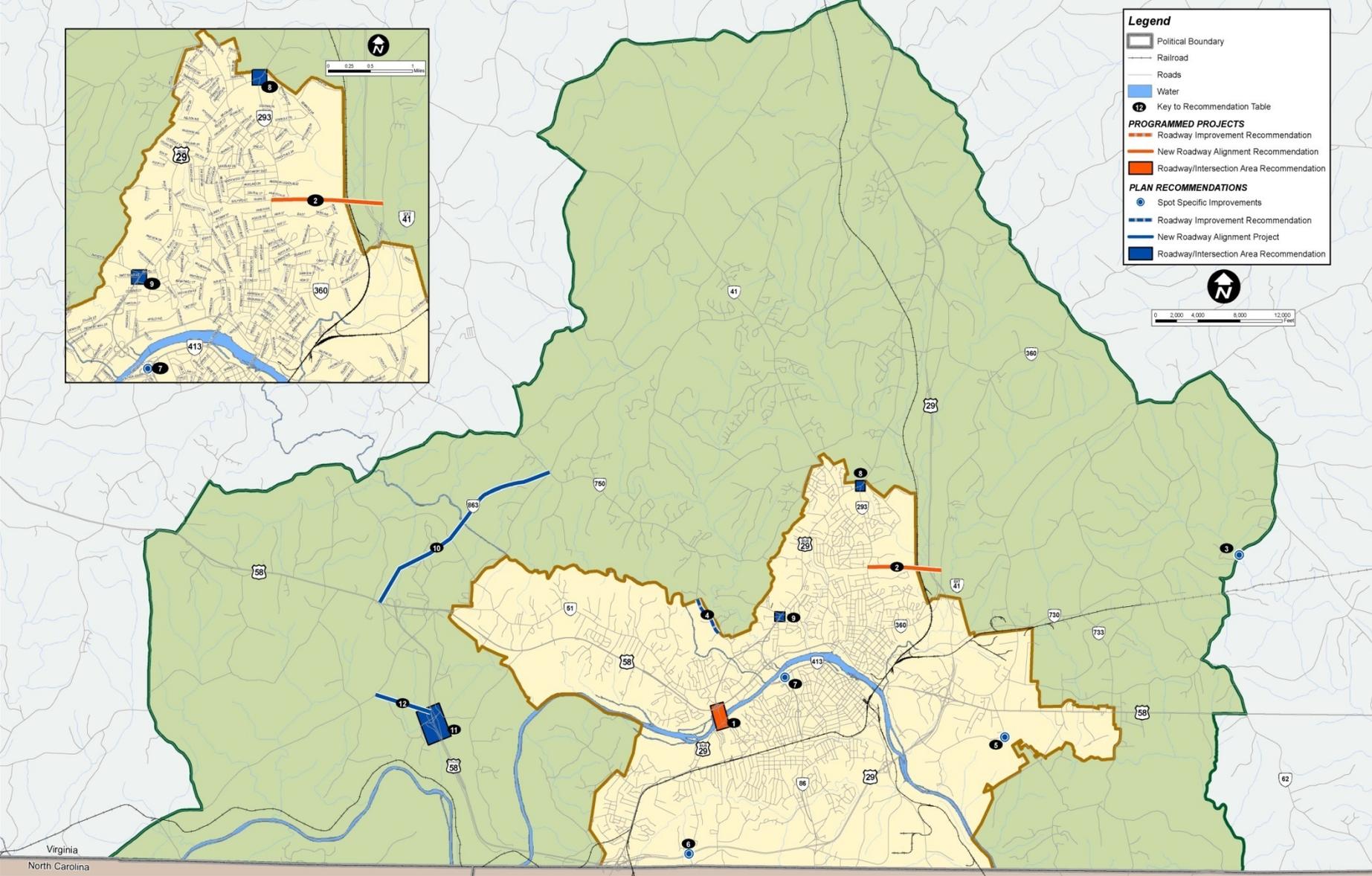
- Roadway Improvement Recommendation
- New Roadway Alignment Recommendation
- Roadway/Intersection Area Recommendation

PLAN RECOMMENDATIONS

- Spot Specific Improvements
- Roadway Improvement Recommendation
- New Roadway Alignment Project
- Roadway/Intersection Area Recommendation



Virginia
North Carolina



Shortfall in Funds

- In completion of the recent Long Range Transportation Plan, we observed a substantial shortfall in funds projected to be available now to Year 2035.
- Original 2030 Plan of June 2004 projected \$188.4 million to be available.
- We updated the 2030 Plan in November 2009 with projected \$95.1 million to be available.
- The new 2035 Plan of August 2010 projected \$67.9 million.
- But we had to deduct the Robertson Bridge Project and Route 41/Franklin Turnpike Connector (\$16 million) so the projection is effectively \$51.9 million.
- The cost estimate for all the Vision Plan projects totaled \$1.062 billion—and we are one of the smaller MPOs in the Commonwealth!

Issues

- Route 863 as a northwestern bypass.
- Route 730-Route 729 (Kentuck Rd.) connector to US 29 Bypass/Route 360 interchange.
- Mount Cross Road(Route 750)
- Elizabeth Street/Route 58 Bypass interchange ramps.
- Finish Route 58 Corridor Projects to the west; support the Ports Authority to the east.

Issues

- Danville Transit System.
- Trails. Studying connector between the Ringgold Trail in County and Riverwalk Trail in City; both have been funded by Enhancement Grant funds in the past; may want to apply for connector funding later. Goal: To be part of a completed Beaches to Blue Ridge statewide trail.

Issues

- Charlottesville-Albemarle area's US Route 29 segment has been a concern due to experiences with travel delays on this very important shipping route for our area's businesses.

Mega-Site Report



September
2010

Mega-Site

Henry Co

Pittsylvania Co

Hwy. 58



Mega-Site

Danville

VA
NC

Berry Hill Rd.

Eden

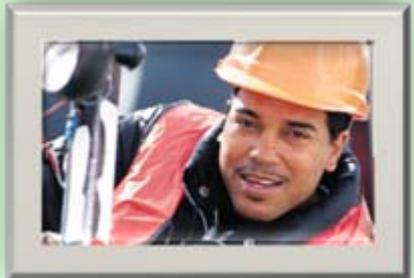
Route 29

Certified Mega Site



- Draws “Game Changing” Industries
 - Auto, chemical, steel
- Investment of \$800 Million to \$1.2 Billion
- Employment of 2,000-5,000
- Regional Impact

The Mega Park



- Largest Industrial Park In Virginia
- 12 Development Lots
- 1800 Acres of Buildable Area
- Employment of 7,000-15,000
- Regional Impact

Certified Mega Site

- Minimum 1,000 acres
- Property 100% under control
- Complete environmental studies
- Dual feed power
- Heavy utilities

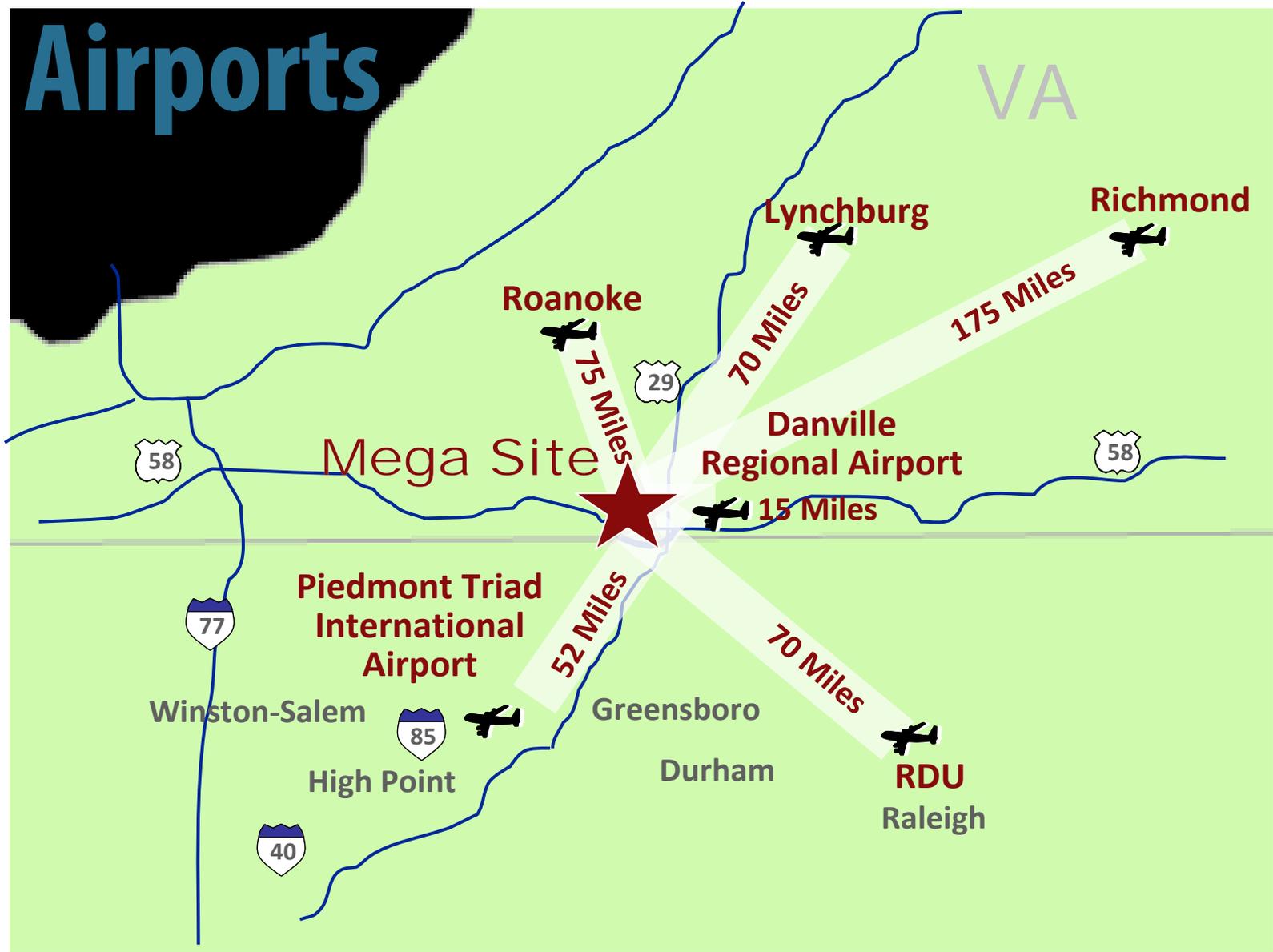


McCallum Sweeney Consulting Certified
"Mega Sites"

Certified
Certified and Sold



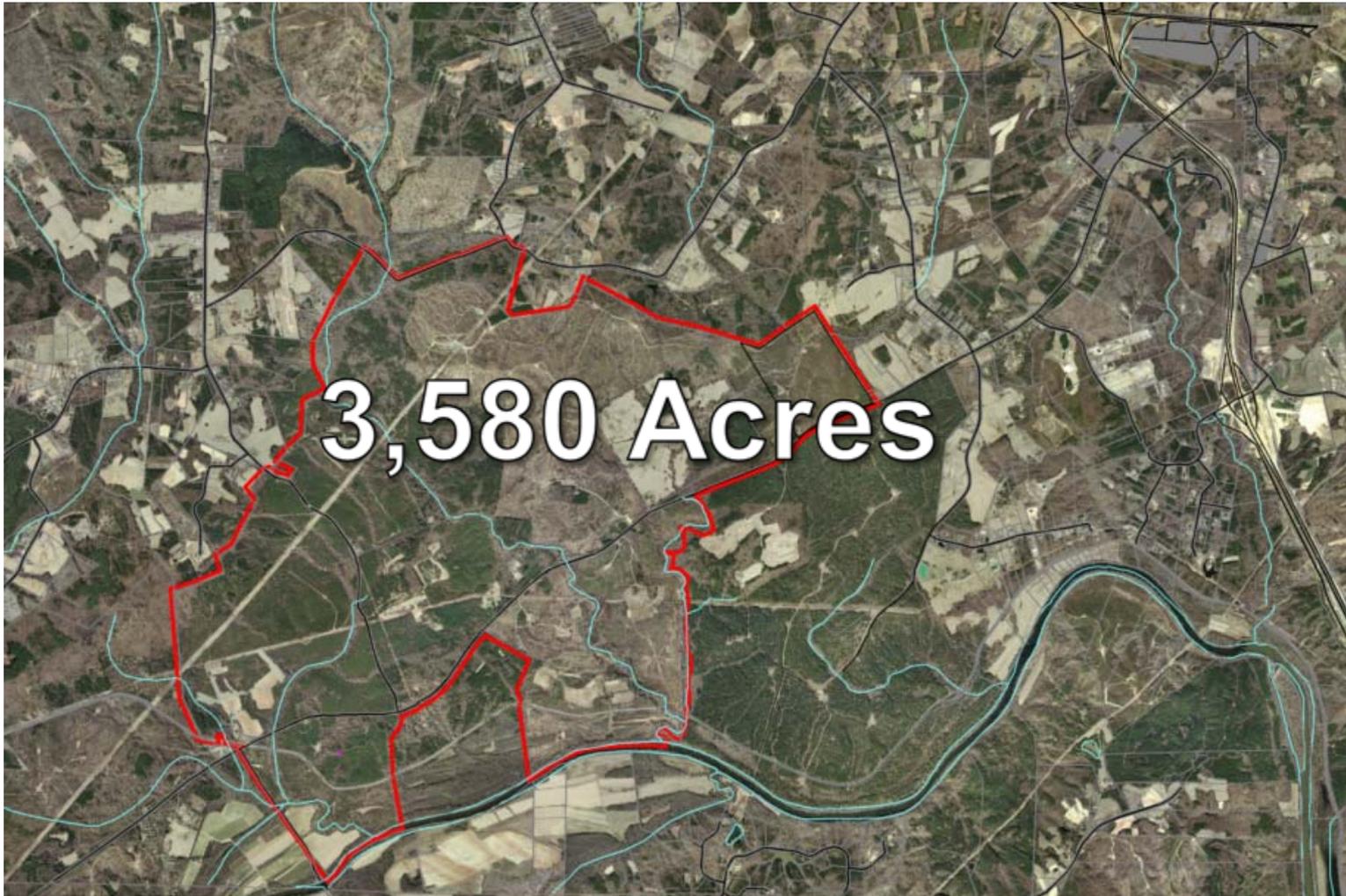
Airports



Virginia Port Authority

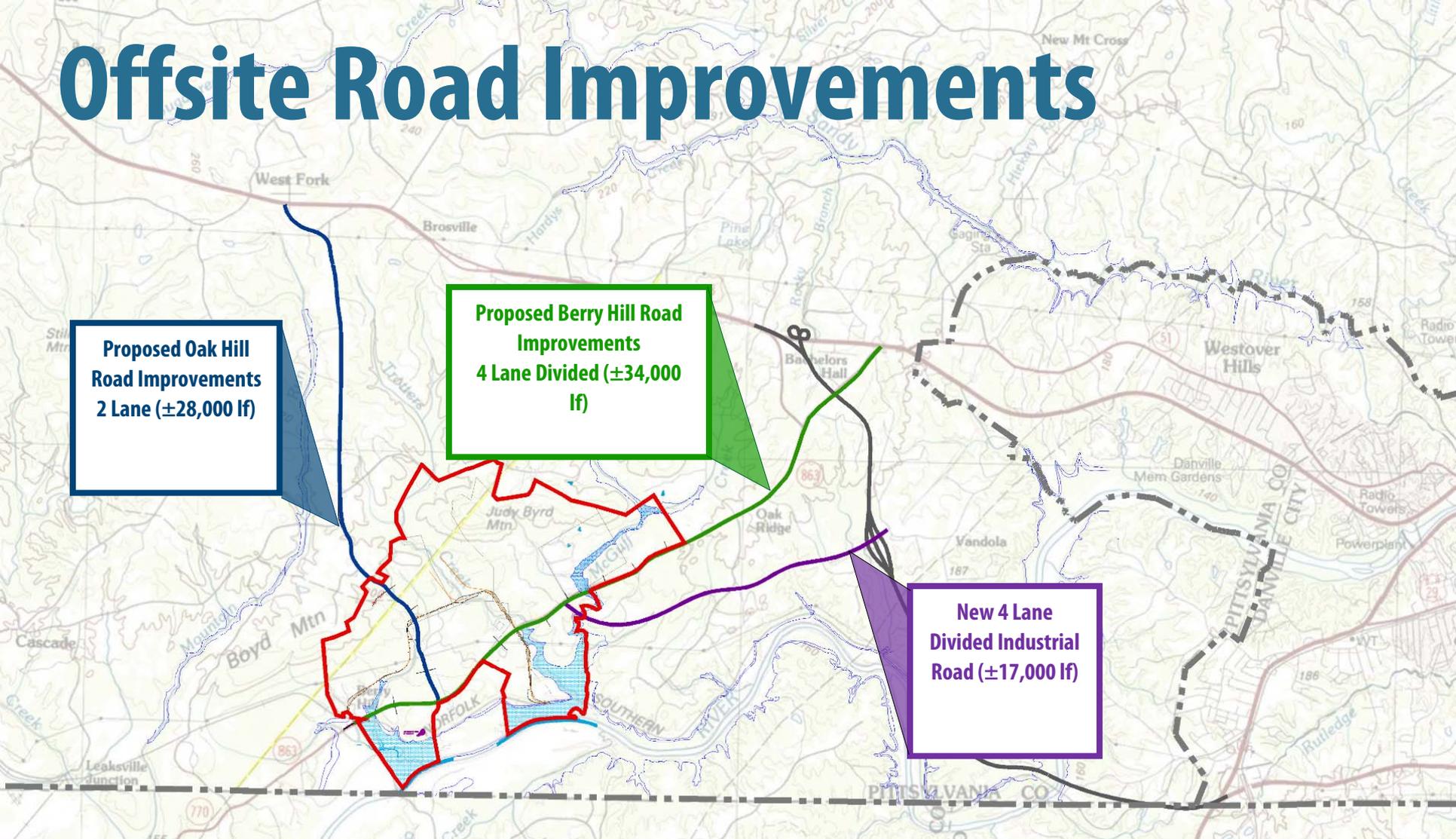


Existing Site



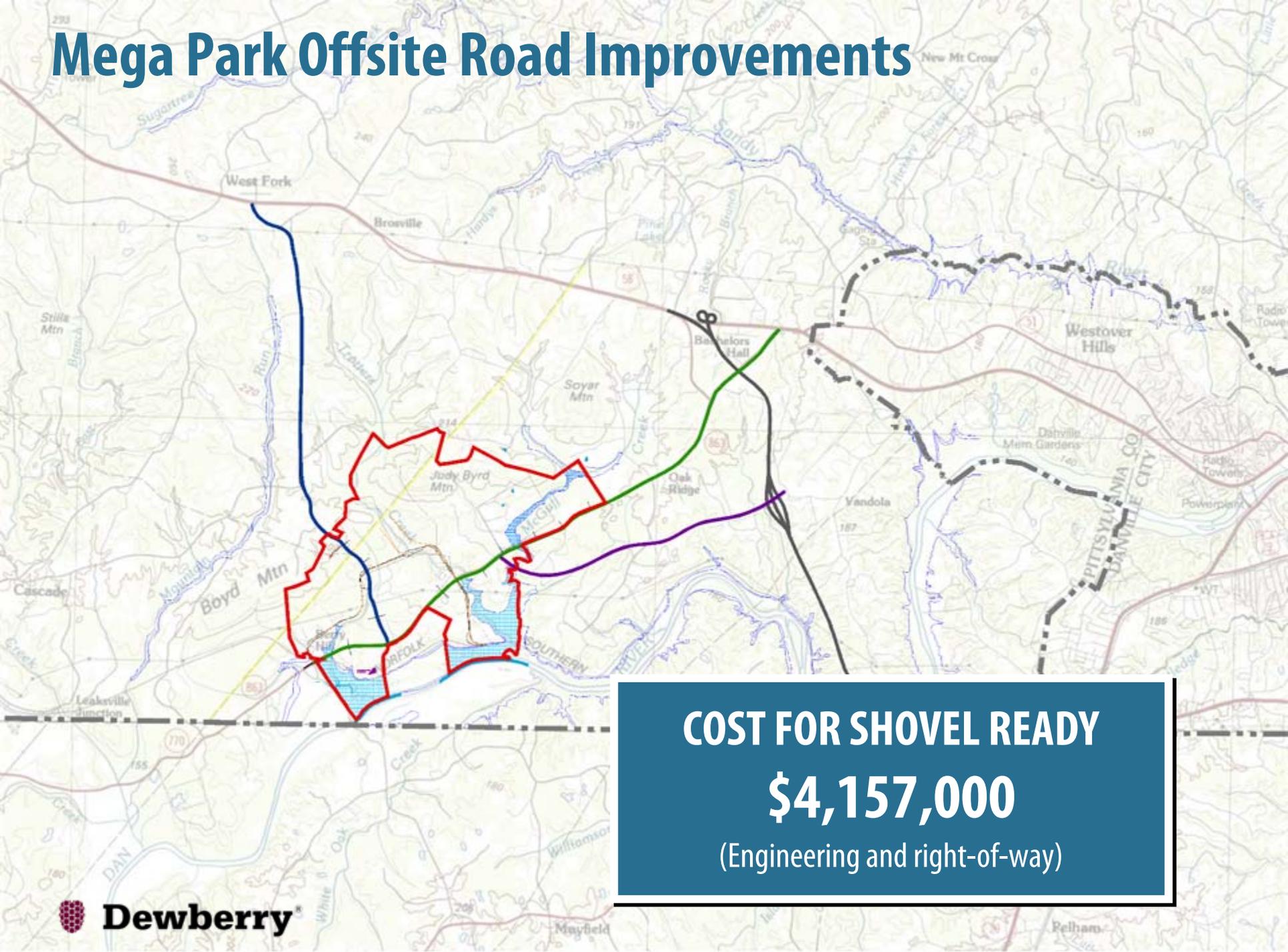
COST: \$13,100,000

Offsite Road Improvements



Description	Length	Project Cost
 Proposed Oak Hill Road Improvements, 2 Lane	±28,000 lf	\$5,600,000
 Proposed Berry Hill Road Improvements, 4 Lane Divided	±34,000 lf	\$24,100,000
 New 4 Lane Divided Industrial Road	±17,000 lf	\$19,900,000

Mega Park Offsite Road Improvements

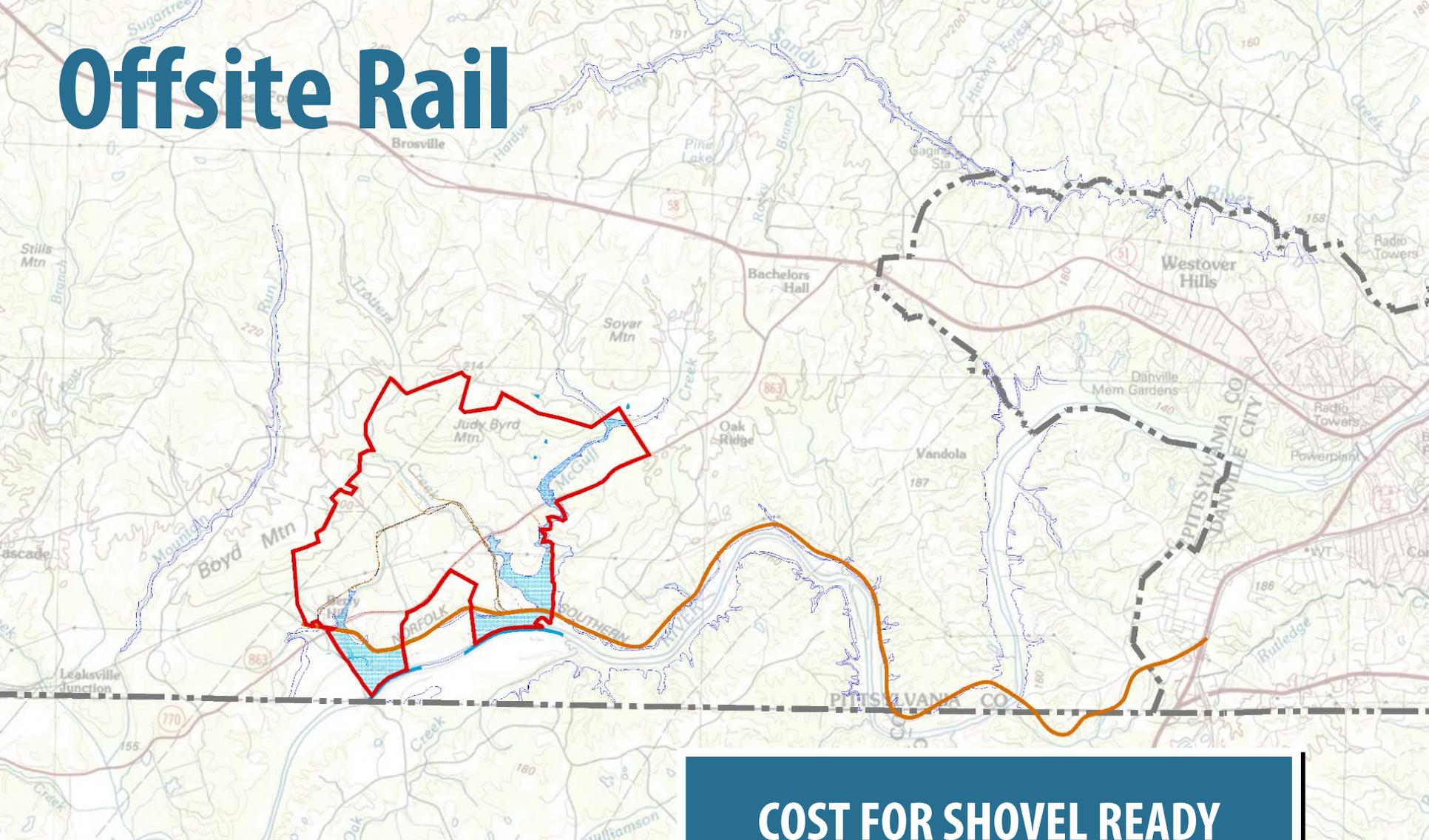


COST FOR SHOVEL READY

\$4,157,000

(Engineering and right-of-way)

Offsite Rail

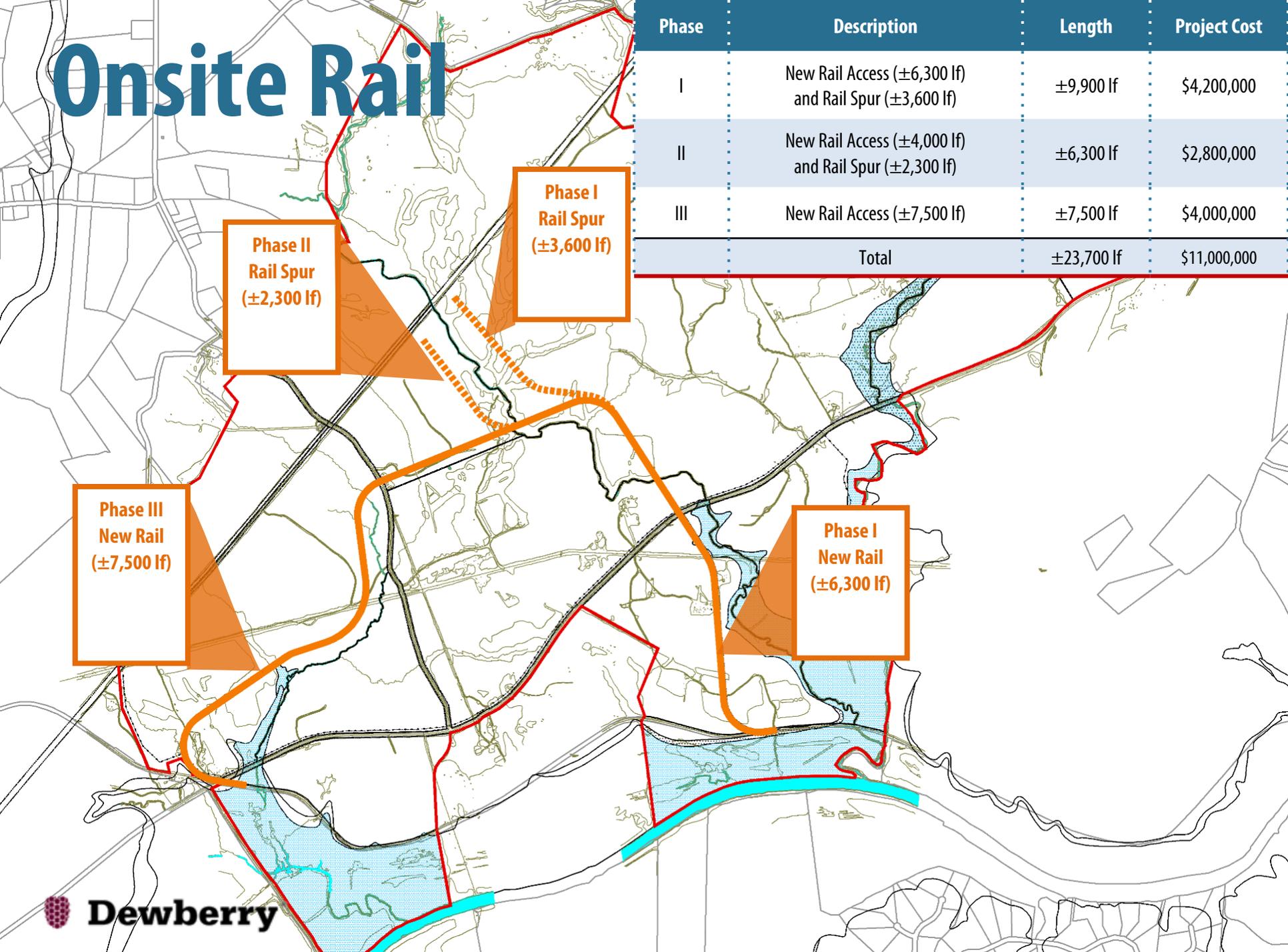


COST FOR SHOVEL READY

\$1,800,000

(Engineering and right-of-way)

Onsite Rail



Phase	Description	Length	Project Cost
I	New Rail Access (±6,300 lf) and Rail Spur (±3,600 lf)	±9,900 lf	\$4,200,000
II	New Rail Access (±4,000 lf) and Rail Spur (±2,300 lf)	±6,300 lf	\$2,800,000
III	New Rail Access (±7,500 lf)	±7,500 lf	\$4,000,000
Total		±23,700 lf	\$11,000,000

**Phase II
Rail Spur
(±2,300 lf)**

**Phase I
Rail Spur
(±3,600 lf)**

**Phase III
New Rail
(±7,500 lf)**

**Phase I
New Rail
(±6,300 lf)**

Onsite Rail



COST FOR SHOVEL READY

\$1,800,000

(Engineering and right-of-way)

Total Project Cost

Site Certification/Due Diligence	\$2,000,000
Property Cost	\$13,100,000
Water Cost	\$25,280,000
Sewer Cost	\$9,612,000
Power Cost	\$33,000,000
Gas Cost	\$5,400,000
Road Cost	\$49,600,000
Rail Cost	\$26,000,000
TOTAL COST	\$163,992,000