KING GEORGE COUNTY HIGHWAY NEEDS PROJECTS

Project Descriptions for FAMPO Long Range Plan
Mitigation Projects*

James Madison Parkway (US-301) (King George)

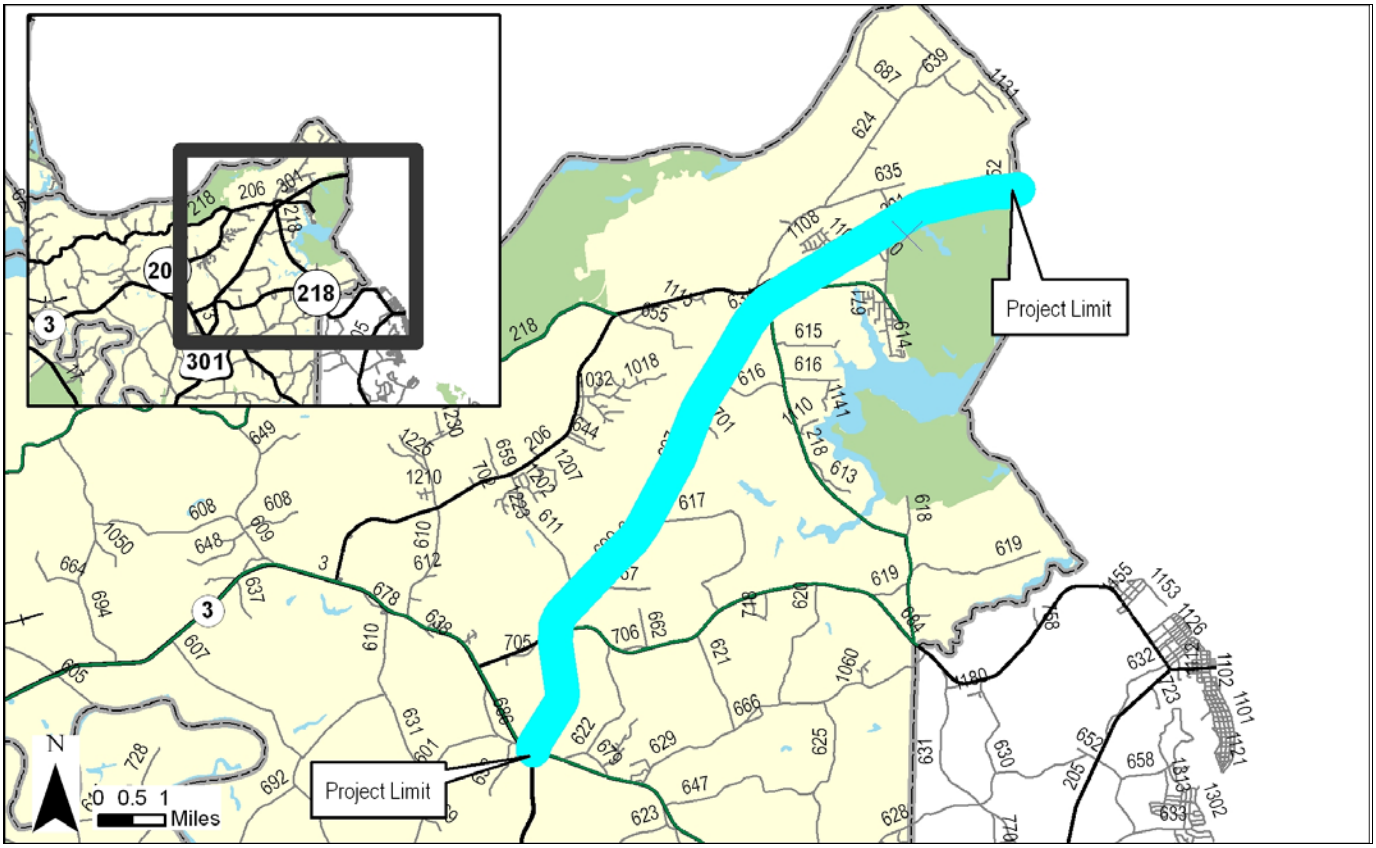
Project Name:	James Madison Parkway (US-301)
Route Number:	301
Project Type:	Road Widening from 4 to 6 Lanes
Jurisdiction:	King George
Project Limit Start:	Kings Highway (PR-3)
Project Limit End:	Harry W. Nice Bridge
Length in Miles:	12
Construction Year:	
Project Description:	

Bike/Pedestrian Cost:	$6,804,000.00
Bridge Cost:	$0.00
Right-of-Way Cost:	$23,043,000.00
Construction Cost:	$76,810,000.00
Total Cost:	$106,657,000.00

Sensitivity Issues/ Impacts On:	(●) Built Environment (●) Natural Environment ( ) Historic Environment
2035 Projected Volume:	15,000~35,000

Widen James Madison Parkway from 4 to 6 lanes divided with landscaping, paved highway shoulders, turn lanes, improvements to 27 minor intersections and 5 major intersections. An access management policy should also be implemented along this segment of highway. Improvements to the northern portion of this facility will have to be coordinated with Dahlgren NSWC.

Project Location Map:



ID: Mitigation-149

Classification:	**Primary**
FHWA Functional Class:	**Rural Other Principal Arterial**

* The "Mitigation Projects" can be considered to eliminate future congestion based on existing land use policies.

Project Descriptions for FAMPO Long Range Plan
Mitigation Projects*

Kings Highway (PR-3) (King George)

Project Name:	Kings Highway (PR-3)
Route Number:	3
Project Type:	Road Widening from 4 to 6 Lanes
Jurisdiction:	King George
Project Limit Start:	Stafford County Line
Project Limit End:	James Madison Parkway (US-301)
Length in Miles:	12.5
Construction Year:	
Project Description:	

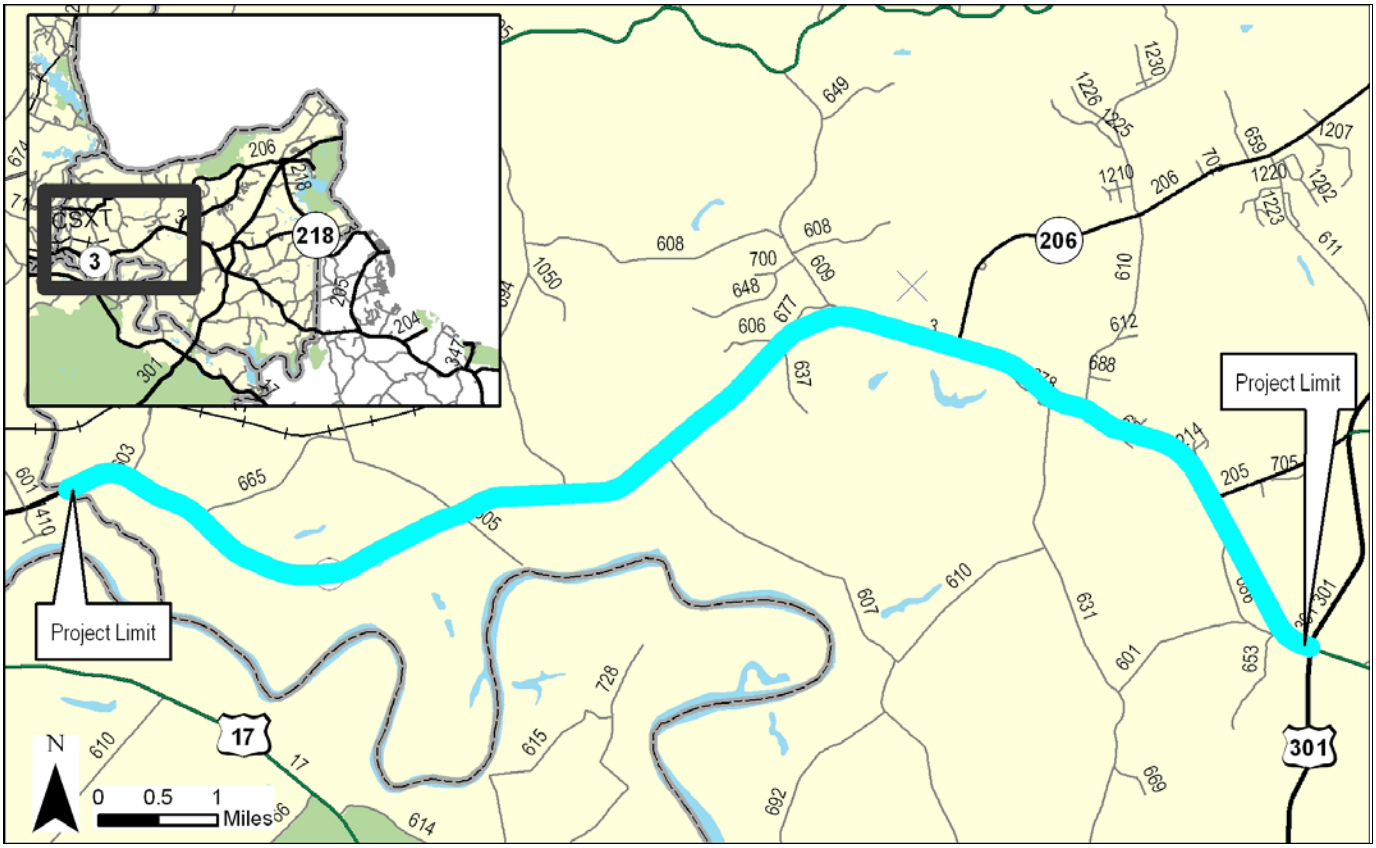
Bike/Pedestrian Cost:	$7,087,000.00
Bridge Cost:	$0.00
Right-of-Way Cost:	$18,782,000.00
Construction Cost:	$75,129,000.00
Total Cost:	$100,998,000.00

Sensitivity Issues/ Impacts On:
- ○ Built Environment
- ◉ Natural Environment
- ○ Historic Environment

2035 Projected Volume: 20,000~30,000

Widen Kings Highway from 4 to 6 lanes divided with landscaping, turn lanes and improvements to 14 minor intersections and improvements to 2 major isntersections (PR-206 & US-301). A "Courthouse Area Bypass" may need to be constructed to preserve the rural, main street atmosphere of the Courthouse Area.

Project Location Map:



ID: Mitigation-145

Classification:	**Primary**
FHWA Functional Class:	**Rural Minor Arterial**

* The "Mitigation Projects" can be considered to eliminate future congestion based on existing land use policies.

Project Descriptions for FAMPO Long Range Plan
Mitigation Projects*

Caledon Road (PR-218) (King George)

Project Name:	Caledon Road (PR-218)
Route Number:	218
Project Type:	Road Widening from 2 lanes to 4 Lanes
Jurisdiction:	King George
Project Limit Start:	Stafford County Line
Project Limit End:	Dahlgren Road (PR-206)
Length in Miles:	14.1
Construction Year:	
Project Description:	

Bike/Pedestrian Cost:	$5,329,000.00
Bridge Cost:	$0.00
Right-of-Way Cost:	$15,233,000.00
Construction Cost:	$60,930,000.00
Total Cost:	$81,492,000.00

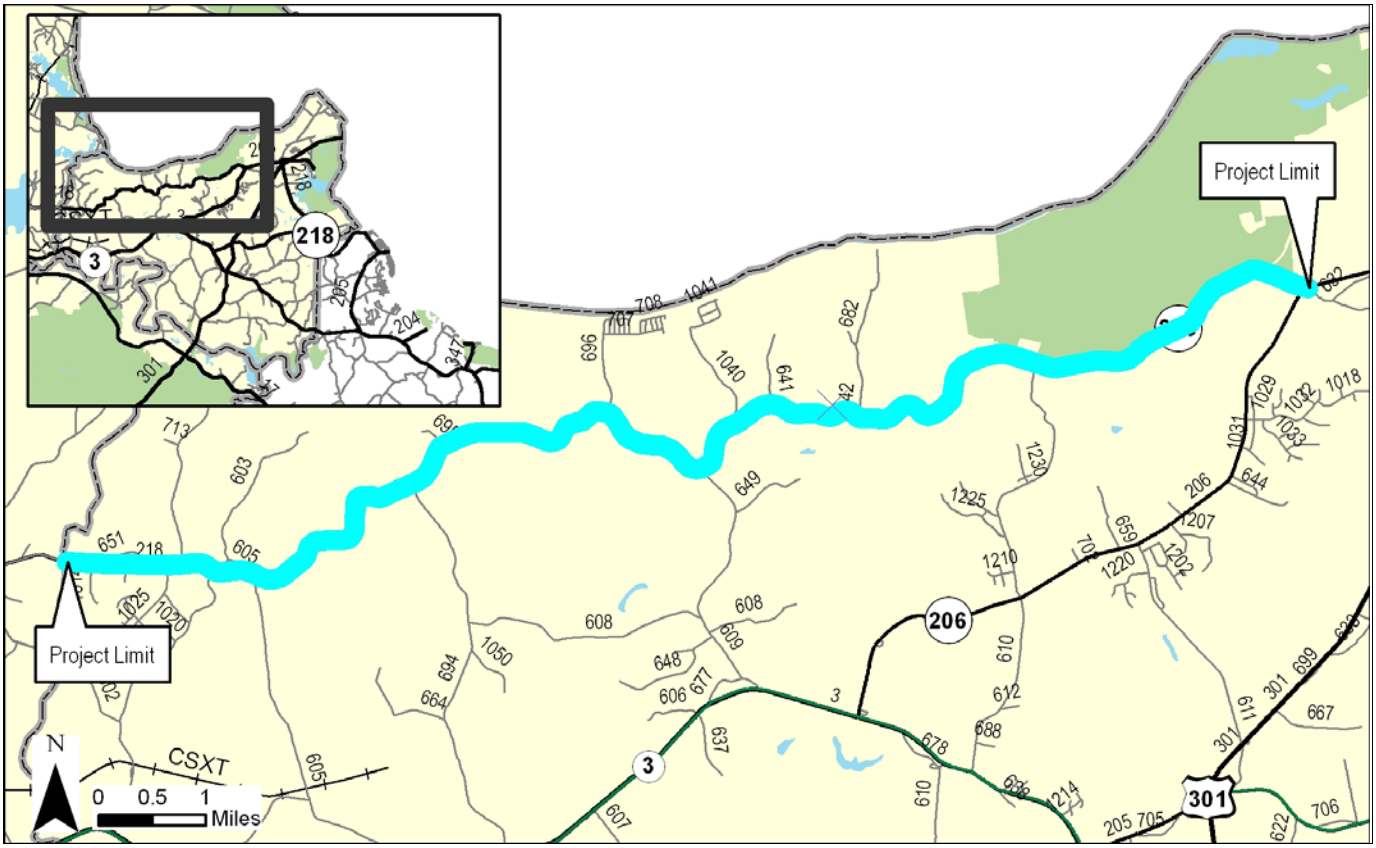
Sensitivity Issues/ Impacts On:

- ○ Built Environment
- ◉ Natural Environment
- ○ Historic Environment

2035 Projected Volume: 25,000~43,000

Widen and realign Caledon Road from 2 to 4 lanes with paved highway shoulders, turn lanes, improvements to 15 minor intersections and improvements to 1 major intersection (PR-206) including potential signalization.

Project Location Map:



ID: Mitigation-037

Classification:	**Primary**
FHWA Functional Class:	**Rural Major Collector**

* The "Mitigation Projects" can be considered to eliminate future congestion based on existing land use policies.

Project Descriptions for FAMPO Long Range Plan
Mitigation Projects*

Kings Highway (PR-3) (King George)

Project Name:	Kings Highway (PR-3)
Route Number:	3
Project Type:	Road Widening from 2 to 4 Lanes Divided
Jurisdiction:	King George
Project Limit Start:	James Madison Parkway (PR-3)
Project Limit End:	Westmoreland County Line
Length in Miles:	7.2
Construction Year:	
Project Description:	

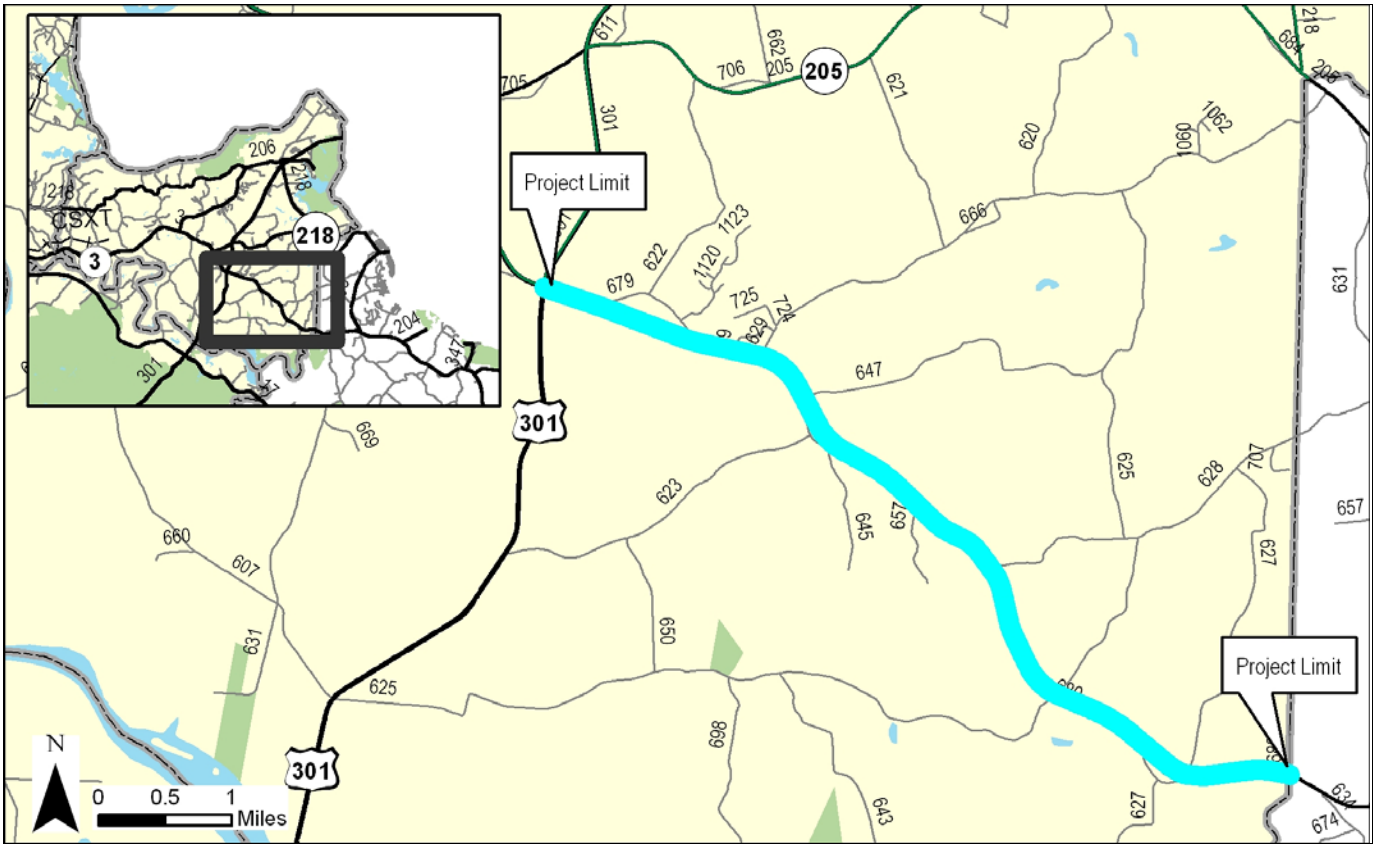
Bike/Pedestrian Cost:	$4,082,000.00
Bridge Cost:	$0.00
Right-of-Way Cost:	$9,288,000.00
Construction Cost:	$30,960,000.00
Total Cost:	$44,330,000.00

Sensitivity Issues/ Impacts On:
- ○ Built Environment
- ○ Natural Environment
- ○ Historic Environment

2035 Projected Volume: 8,000~12,000

Widen Kings Highway from 2 to 4 lanes divided with landscaping, paved highway shoulders, turn lanes and improvements to 24 minor intersections and 1 major intersection (US-301).

Project Location Map:



ID: Mitigation-020

Classification:	**Primary**
FHWA Functional Class:	**Rural Minor Arterial**

* The "Mitigation Projects" can be considered to eliminate future congestion based on existing land use policies.

Project Descriptions for FAMPO Long Range Plan
Mitigation Projects*

Ridge Road (PR-205) (King George)

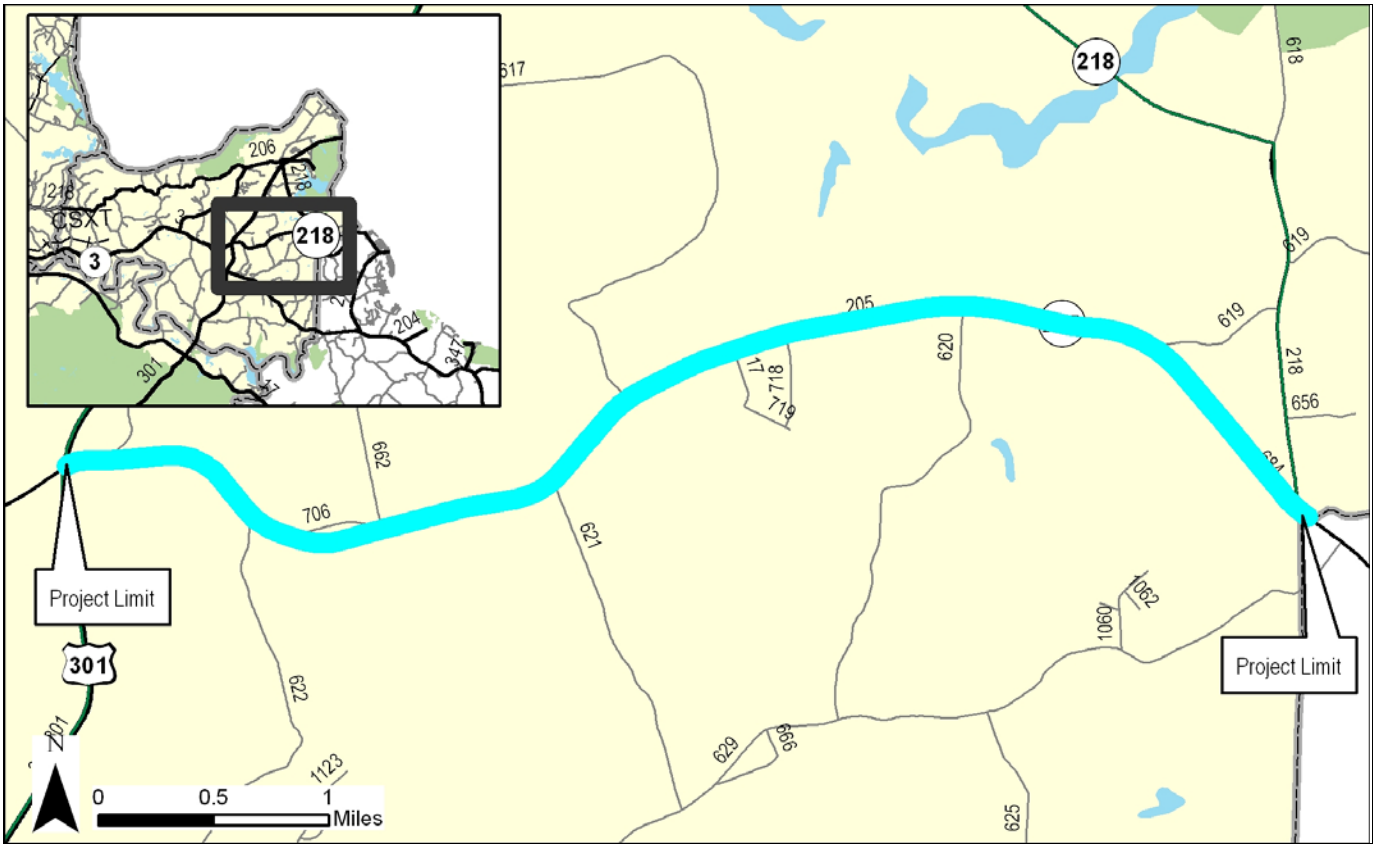
Project Name:	Ridge Road (PR-205)
Route Number:	205
Project Type:	Road Widening
Jurisdiction:	King George
Project Limit Start:	James Madison Parkway (US-301)
Project Limit End:	Westmoreland County Line
Length in Miles:	7.5
Construction Year:	
Project Description:	

Bike/Pedestrian Cost:	$2,714,000.00
Bridge Cost:	$0.00
Right-of-Way Cost:	$8,745,000.00
Construction Cost:	$29,150,000.00
Total Cost:	$40,609,000.00

Sensitivity Issues/ Impacts On:	○ Built Environment ○ Natural Environment ○ Historic Environment
2035 Projected Volume:	7,000~17,000

Widen Ridge Road from 2 to 4 lanes with paved highway shoulders, turn lanes, improvements to 7 minor intersections and Improvements to 3 major intersections (PR-3, US-301 & PR-218)

Project Location Map:



ID: Mitigation-028

Classification:	**Primary**
FHWA Functional Class:	**Rural Minor Arterial**

* The "Mitigation Projects" can be considered to eliminate future congestion based on existing land use policies.

Project Descriptions for FAMPO Long Range Plan
Mitigation Projects*

Windsor Drive (PR-218) (King George)

Project Name:	Windsor Drive (PR-218)
Route Number:	218
Project Type:	Road Widening from 2 to 4 Lanes
Jurisdiction:	King George
Project Limit Start:	James Madison Parkway (US-301)
Project Limit End:	Ridge Road (PR-205)
Length in Miles:	6
Construction Year:	

Bike/Pedestrian Cost:	$2,306,000.00
Bridge Cost:	$2,151,000.00
Right-of-Way Cost:	$7,830,000.00
Construction Cost:	$26,100,000.00
Total Cost:	$38,387,000.00

Sensitivity Issues/ Impacts On:

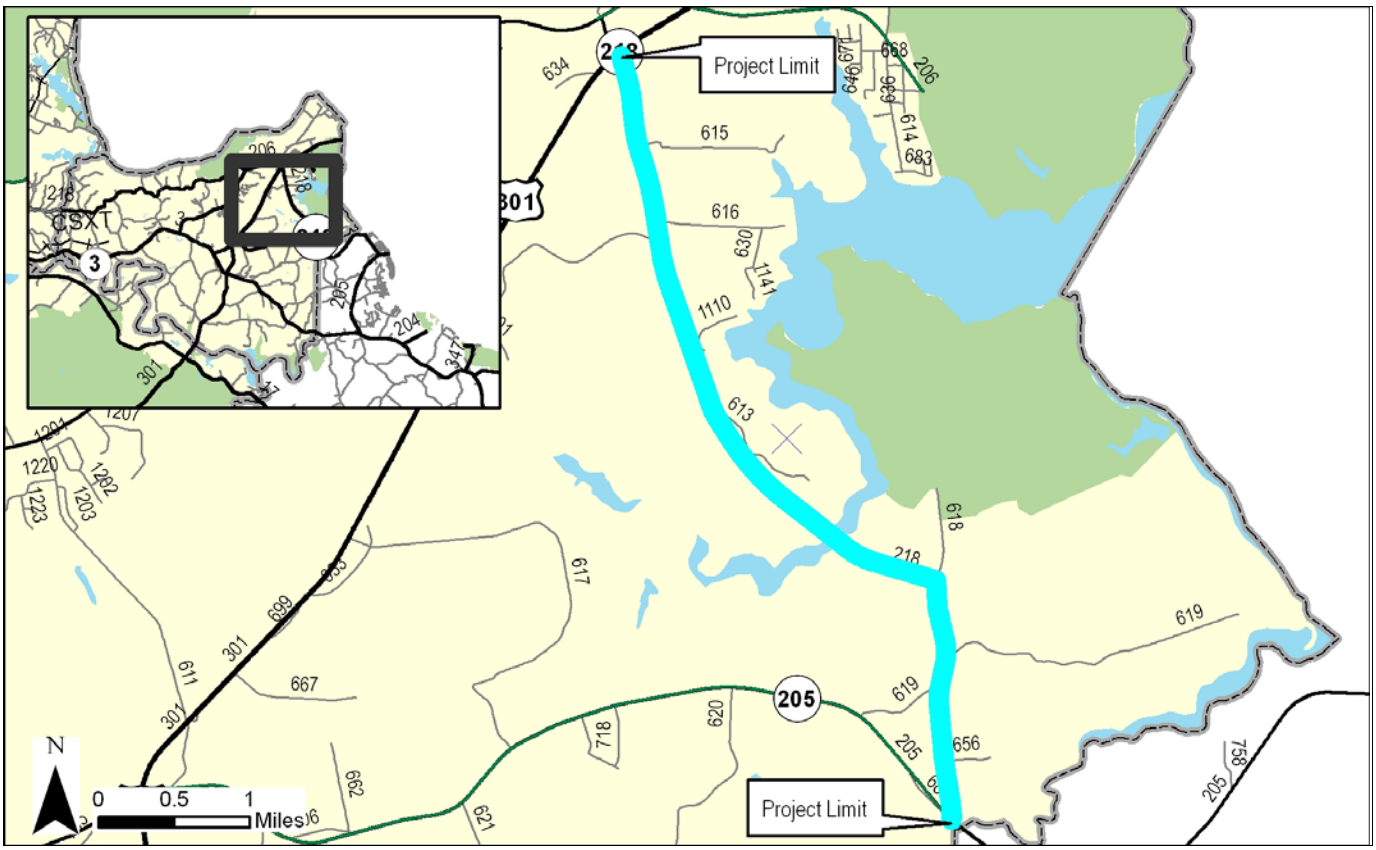
- ○ Built Environment
- ◉ Natural Environment
- ○ Historic Environment

2035 Projected Volume: 12,000~13,000

Project Description:

Widen Windsor Drive from 2 to 4 lanes with paved highway shoulders, turn lanes, a new bridge over the Machodoc Creek and improvements to 4 minor intersections and improvements 2 major intersections (US-301 & PR-205) including potential signalization at (PR-205)

Project Location Map:



ID: Mitigation-038

Classification:	**Primary**
FHWA Functional Class:	**Rural Major Collector**

* The "Mitigation Projects" can be considered to eliminate future congestion based on existing land use policies.

Project Descriptions for FAMPO Long Range Plan
Mitigation Projects*

Dahlgren Road (PR-206) (King George)

Project Name: Dahlgren Road (PR-206)

Route Number: 206

Project Type: Road Improvement/Widening

Jurisdiction: King George

Project Limit Start: Kings Highway (RT 3)

Project Limit End: James Madison Parkway (US-301)

Length in Miles: 9.3

Construction Year:

Project Description:

Upgrade Dahlgren Rd. to a 2 lane improved roadway with paved highway shoulders, turn lanes and improvements to 6 minor intersections/entrances and improvements to 4 major intersections (PR-3 & Caledon Rd., Owens Drive and (US-301) including potential signalization at the intersection of PR-218.

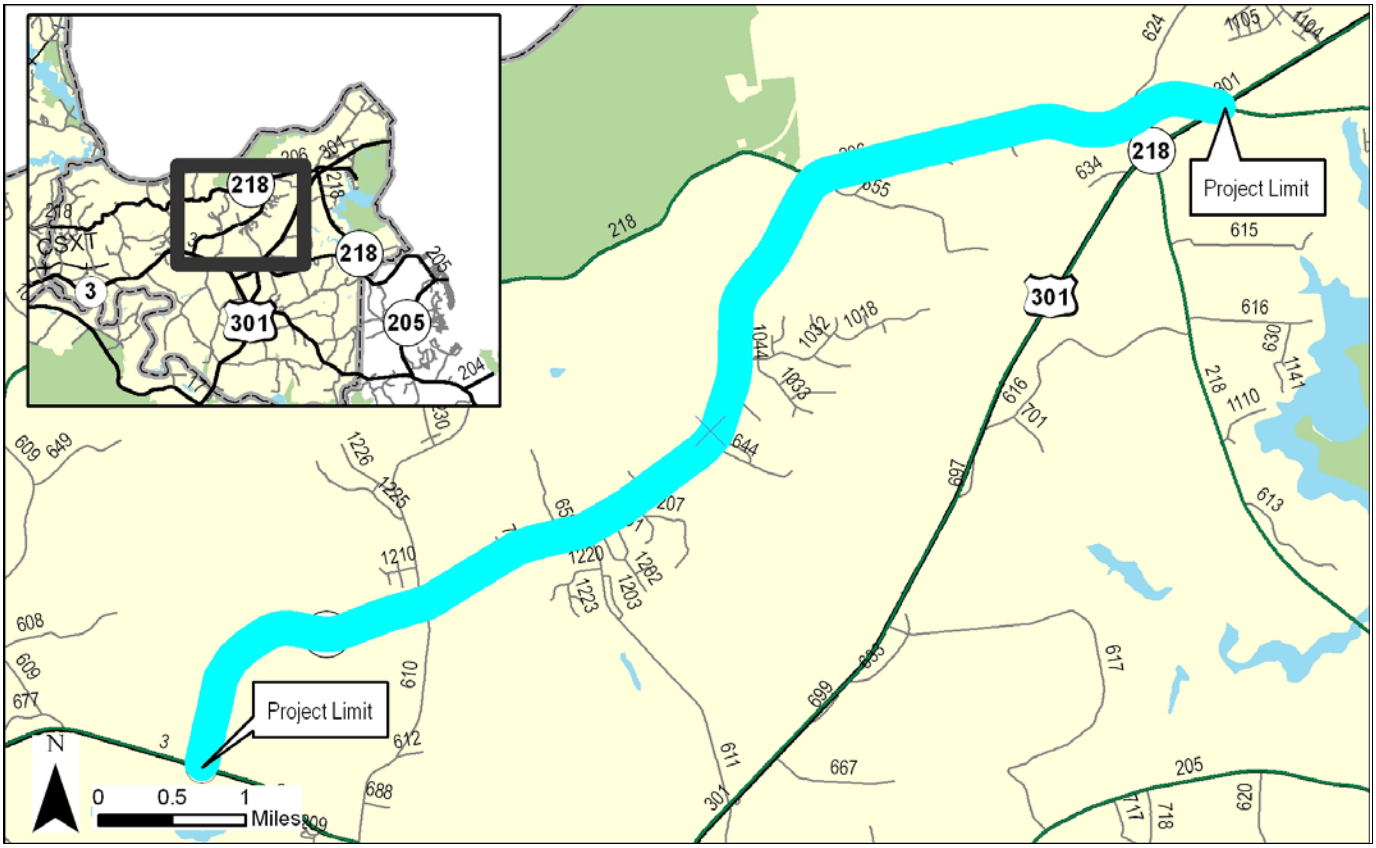
Bike/Pedestrian Cost:	$3,515,000.00
Bridge Cost:	$0.00
Right-of-Way Cost:	$3,623,000.00
Construction Cost:	$14,492,000.00
Total Cost:	$21,630,000.00

Sensitivity Issues/ Impacts On:

- (●) Built Environment
- (●) Natural Environment
- ( ) Historic Environment

2035 Projected Volume: 4,000~7,000

Project Location Map:



ID: Mitigation-029

Classification:	**Primary**
FHWA Functional Class:	**Rural Minor Arterial**

* The "Mitigation Projects" can be considered to eliminate future congestion based on existing land use policies.

Project Descriptions for FAMPO Long Range Plan
Mitigation Projects*

Dahlgren Road (PR-206) (King George)

Project Name: Dahlgren Road (PR-206)

Route Number: 206

Project Type: Road Improvement/Widening

Jurisdiction: King George

Project Limit Start: James Madison Parkway (US-301)

Project Limit End: Twelfth Street (SC-604)

Length in Miles: 2.5

Construction Year:

Project Description:

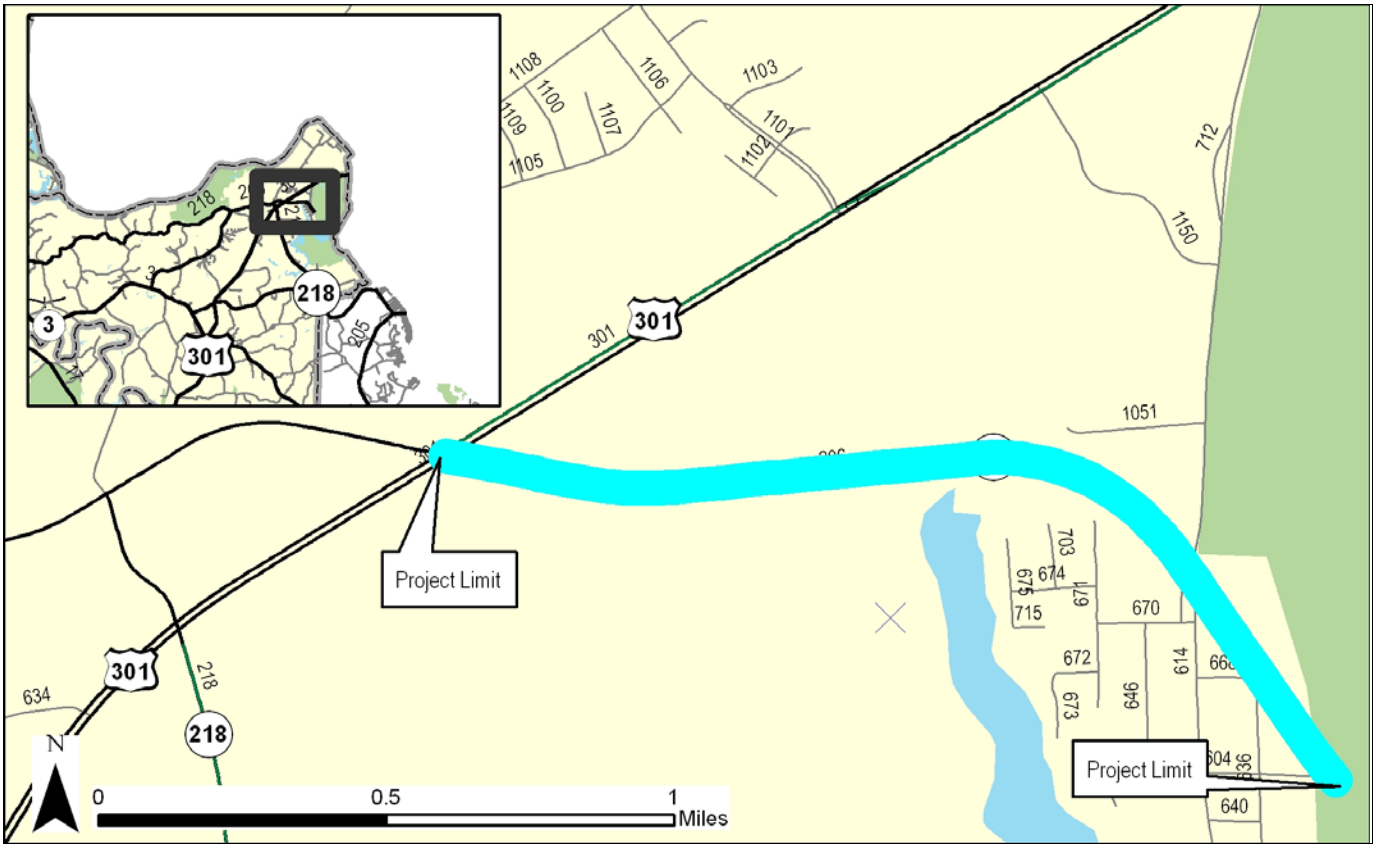
Bike/Pedestrian Cost:	$1,380,000.00
Bridge Cost:	$0.00
Right-of-Way Cost:	$4,174,000.00
Construction Cost:	$8,348,000.00
Total Cost:	$13,902,000.00

Sensitivity Issues/ Impacts On:
- (●) Built Environment
- ( ) Natural Environment
- ( ) Historic Environment

2035 Projected Volume: 20,000~24,000

Widen Dahlgren Road to a 2 lane urban roadway with turn lanes, improvements to 9 intersections, bicycle and pedestrian facilities as well as operational and access management improvements.

Project Location Map:



ID: Mitigation-030

Classification:	**Primary**
FHWA Functional Class:	**Rural Major Collector**

* The "Mitigation Projects" can be considered to eliminate future congestion based on existing land use policies.