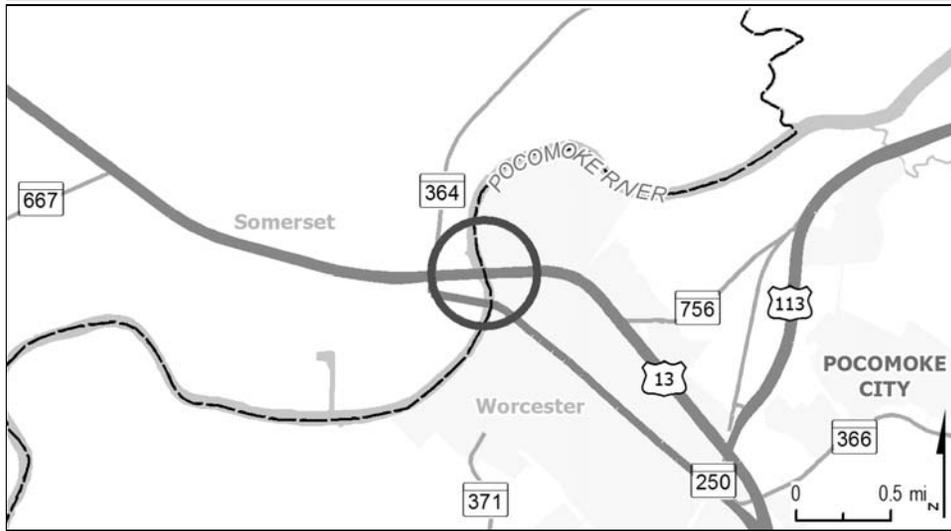


SHA



WORCESTER COUNTY



PROJECT: US 13, Ocean Highway

DESCRIPTION: Rehabilitation of Bridges 2301601, built in 1966, and 2301602, built in 1959, over the Pocomoke River. Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: This project will improve safety and operations of the bridge. The project will also repair structural deficiencies within the substructure and superstructure.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

STATE GOALS: Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: The northbound and southbound bridge decks have reached the end of their structural life and are in need of repairs. As the primary route over the Pocomoke River, replacing decks will help provide for the secure transportation of assets and operations for the safe movement of goods and people.

STATUS: Open to Service.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$2.2 million is due to the replacement of bearings that were not included in the original scope of work.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	510	510	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	18,818	18,230	588	0	0	0	0	0	588	0
Total	19,328	18,740	588	0	0	0	0	0	588	0
Federal-Aid	15,288	14,845	443	0	0	0	0	0	443	0

CLASSIFICATION:

STATE - Other Principal Arterial

FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 14,350

PROJECTED (2035) - 17,100



PROJECT: US 113, Worcester Highway

DESCRIPTION: Upgrade existing US 113 as a 4 lane divided highway, including access controls from north of MD 365 (Phase 4), Public Landing Road, to Five Mile Branch (4.3 miles). Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: The US 113 corridor is experiencing deterioration in safety and operations due to increasing seasonal traffic volumes coupled with local commercial/residential development along the highway. This project will improve the highway's safety, operations, and freight movement.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:
 US 113, Massy Branch to Five Mile Branch (Phase 3) (Line 3)

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: This project will decrease travel time and delay for local and seasonal traffic and improve safety.

STATUS: Engineering and Right-of-Way underway. Construction to begin during current fiscal year.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost decrease of \$4.1 million is due approved appraisal values and a revised engineer's estimate.

PHASE	POTENTIAL FUNDING SOURCE:										
	<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER										
	PROJECT CASH FLOW										
TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE		
				.....2019.....	.....2020.....	.....2021.....	.....2022.....				
Planning	0	0	0	0	0	0	0	0	0	0	0
Engineering	5,015	4,965	50	0	0	0	0	0	50	0	0
Right-of-way	11,683	1,034	1,000	4,000	4,000	1,300	349	0	10,649	0	0
Construction	65,558	0	5,143	18,258	22,559	19,598	0	0	65,558	0	0
Total	82,256	5,999	6,193	22,258	26,559	20,898	349	0	76,257	0	0
Federal-Aid	78,112	5,156	5,783	21,111	25,412	20,380	270	0	72,956	0	0

CLASSIFICATION:

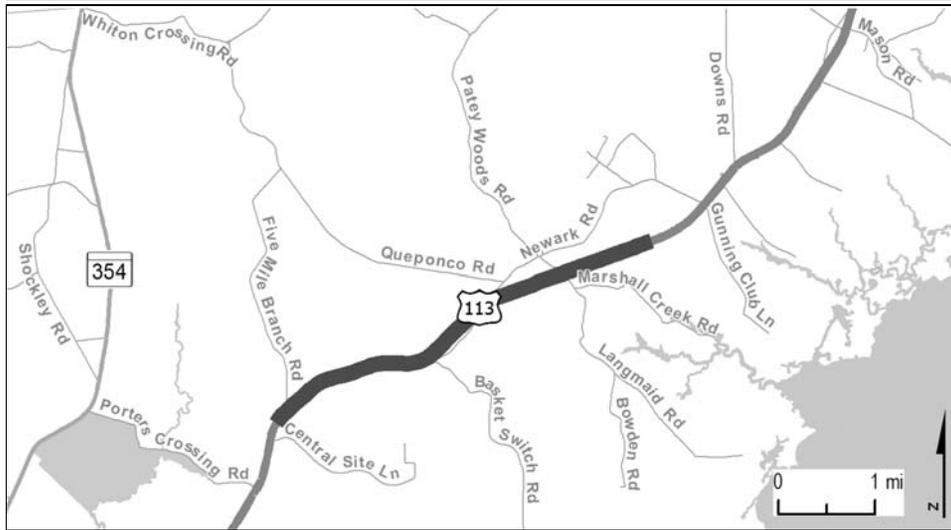
STATE - Intermediate Arterial
 FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 9,275 - 9,800

PROJECTED (2035) - 13,775 - 17,000



PROJECT: US 113, Worcester Highway

DESCRIPTION: Upgrade existing US 113 as a 4 lane divided highway, Massey Branch to Five Mile Branch (Phase 3) (4.6 miles). Bicycle and pedestrian accommodations will be included where appropriate.

PURPOSE & NEED SUMMARY STATEMENT: The US 113 corridor is experiencing deterioration in safety and operations due to increasing seasonal traffic volumes coupled with local commercial/residential development along the highway. This project will improve the highway's safety, operations, and freight movement.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:
 US 113, Public Landing Rd. to Five Mile Branch (Phase 4) (Line 2)

STATE GOALS : Maryland Transportation Plan (MTP) Goals/Selection Criteria:

- Safety & Security
- System Preservation
- Quality of Service
- Environmental Stewardship
- Community Vitality
- Economic Prosperity

EXPLANATION: This project will decrease travel time and delay for local and seasonal traffic and improve safety.

STATUS: Construction underway.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: The cost increase of \$1.6 million is due to utilities being relocated underground.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	0	0	0	0	0	0	0	0	0	0
Engineering	3,207	3,207	0	0	0	0	0	0	0	0
Right-of-way	11,616	3,777	4,099	3,551	189	0	0	0	7,839	0
Construction	37,121	10,843	26,278	0	0	0	0	0	26,278	0
Total	51,944	17,827	30,377	3,551	189	0	0	0	34,117	0
Federal-Aid	41,950	11,464	27,915	2,571	0	0	0	0	30,486	0

CLASSIFICATION:

STATE - Intermediate Arterial

FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 9,275 -9,800

PROJECTED (2035) - 13,775-17,000



PROJECT: US 50, Ocean Gateway

DESCRIPTION: Study to replace Bridge 23007 over the Sinepuxent Bay. The study will investigate options to eliminate/upgrade the drawspan structure.

JUSTIFICATION: The drawspan is estimated to have 15 to 20 years of life span left. This high traffic volume arterial has experienced mechanical problems with the drawbridge during peak seasonal traffic. This project would improve the highway's safety and operations.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

STATUS: Planning complete.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	2,907	2,907	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	2,907	2,907	0	0	0	0	0	0	0	0
Federal-Aid	0	0	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Principal Arterial

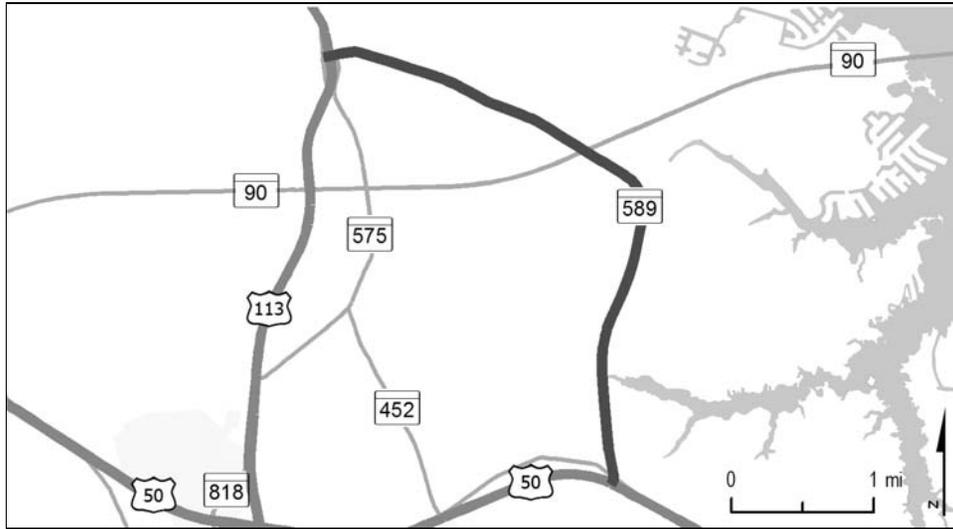
FEDERAL - Other Principal Arterial

STATE SYSTEM: Primary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 17,900
51,400 (Summer)

PROJECTED (2035) - 21,950
65,650 (Summer)



PROJECT: MD 589, Racetrack Road

DESCRIPTION: Study for potential improvements to the existing MD 589 corridor from US 50 to US 113 (4.7 miles).

JUSTIFICATION: This project will relieve traffic congestion and improve traffic safety along MD 589 and at the US 50 intersection.

SMART GROWTH STATUS: Project Not Location Specific Not Subject to PFA Law
 Project Inside PFA Grandfathered
 Project Outside PFA Exception Will Be Required
 PFA Status Yet To Be Determined Exception Granted

ASSOCIATED IMPROVEMENTS:

STATUS: Feasibility study complete.

SIGNIFICANT CHANGE FROM FY 2016 - 21 CTP: None.

POTENTIAL FUNDING SOURCE:		<input checked="" type="checkbox"/> SPECIAL <input checked="" type="checkbox"/> FEDERAL <input type="checkbox"/> GENERAL <input type="checkbox"/> OTHER								
PHASE	PROJECT CASH FLOW									
	TOTAL ESTIMATED COST (\$000)	EXPEND THRU 2016	CURRENT YEAR 2017	BUDGET YEAR 2018	FOR PLANNING PURPOSES ONLY				SIX YEAR TOTAL	BALANCE TO COMPLETE
					.....2019.....	.....2020.....	.....2021.....	.....2022.....		
Planning	1,417	1,417	0	0	0	0	0	0	0	0
Engineering	0	0	0	0	0	0	0	0	0	0
Right-of-way	0	0	0	0	0	0	0	0	0	0
Construction	0	0	0	0	0	0	0	0	0	0
Total	1,417	1,417	0	0	0	0	0	0	0	0
Federal-Aid	246	246	0	0	0	0	0	0	0	0

CLASSIFICATION:

STATE - Minor Arterial

FEDERAL - Minor Arterial

STATE SYSTEM: Secondary

Annual Average Daily Traffic (vehicles per day)

CURRENT (2016) - 21,900
28,800 (Summer)

PROJECTED (2035) - 28,800
48,950 (Summer)

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- WORCESTER COUNTY LINE 6

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2016
<u>Fiscal Year 2016 Completions</u>				
<u>Resurface/Rehabilitate</u>				
1		At various locations in Worcester County; resurface	8,233	Completed
2		Various locations in Worcester County; resurface	4,623	Completed
3	MD 528	Coastal Highway; Delaware state line to 62nd Street; resurface	3,811	Completed
<u>Fiscal Years 2017 and 2018</u>				
<u>Resurface/Rehabilitate</u>				
4		At various locations in Worcester County; mill and resurface	11,798	FY 2017
5	US 113	Worcester Highway; North of US 13 to south of US 113 Business; resurface	3,300	FY 2017
6	MD 528	Coastal Highway; 62nd Street to 26th Street; resurface	2,400	FY 2018
<u>Bridge Replacement/Rehabilitation</u>				
7	MD 90	Ocean City Expressway; Bridge 2302000 over St. Martins River and Bridge 2302100 over Assawoman Bay; bridge rehabilitation	2,391	FY 2017
<u>Safety/Spot Improvement</u>				
8	US 13 BUS	Salisbury Boulevard; at Firehouse Wetland site along US 113, north of Church Branch; landscape	186	FY 2017
<u>Urban Reconstruction</u>				
9	MD 528	Coastal Highway; from 62nd Street/MD 90 (Ocean City Expressway) to Convention Center Drive; urban reconstruction	5,474	FY 2017

SAFETY, CONGESTION RELIEF, HIGHWAY AND BRIDGE PRESERVATION PROGRAM

STATE HIGHWAY ADMINISTRATION -- WORCESTER COUNTY LINE 6 (cont'd)

ITEM NO.	ROUTE NO.	DESCRIPTION AND IMPROVEMENT TYPE	TOTAL ESTIMATED COST (\$000's)	CONSTRUCTION START Status as of December 1, 2016
10		<p align="center"><u>Fiscal Years 2017 and 2018 (cont'd)</u></p> <p align="center"><u>C.H.A.R.T. Projects</u></p> <p>US 50 and MD 90 - CHART DMS deployment; miscellaneous</p>	957	FY 2017