

VI. TIP PROJECT INFORMATION

A. Project and Environmental Justice Maps by Jurisdiction

The following maps show the locations of specific TIP projects in relation to Environmental Justice (EJ) TAZs. Each map shows where the population that is non-white or Hispanic is higher than the regional average of 44.7% and where the low income population (below 200% of the poverty level) is higher than the regional average of 21.4% from the 2017-2021 American Community Survey 5-Year Estimates. Section II.B includes further discussion on EJ and the identification of EJ TAZs.

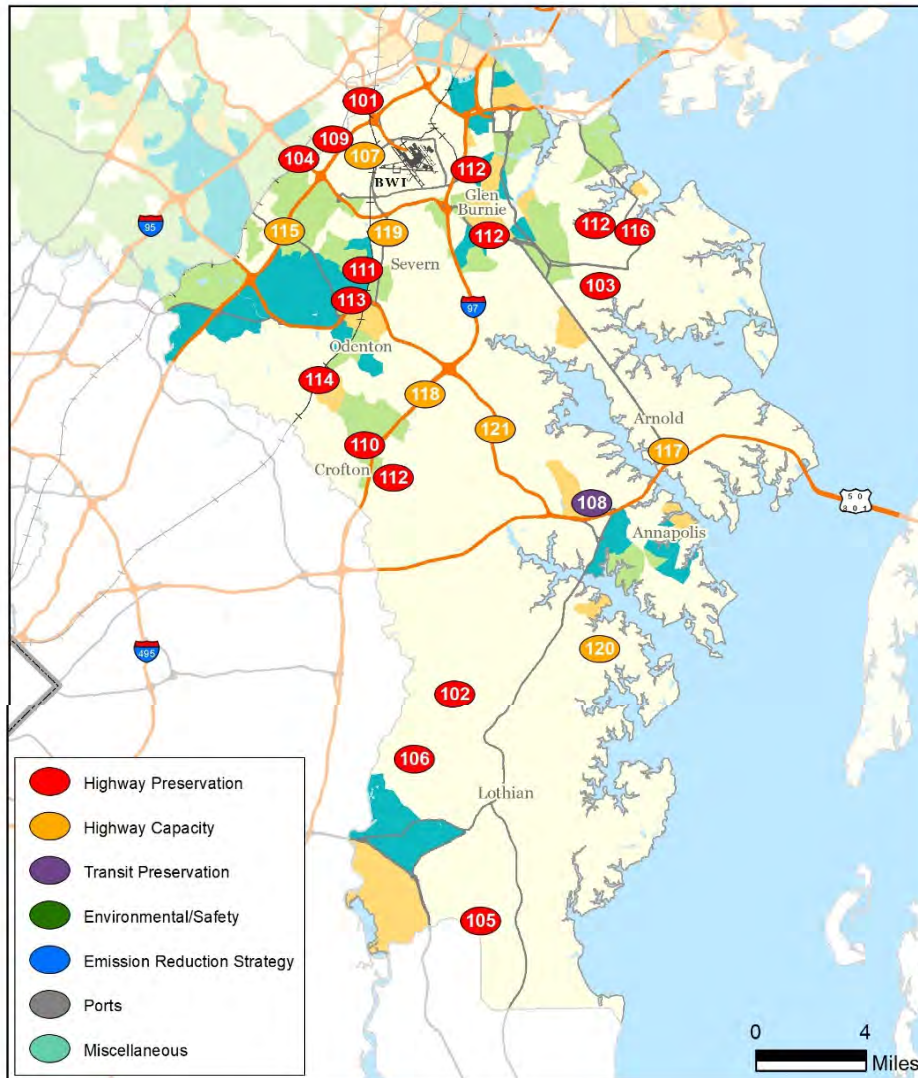
The long-range transportation plan, *Resilience 2050*, includes an extensive environmental justice analysis. BMC staff utilized several measures to compare the effects on EJ and non-EJ TAZs of projects in the preferred alternative of *Resilience 2050*, including nonexempt projects in the TIP. These measures include accessibility to jobs and shopping, travel times for commuting and for other purposes, and

proximity to key destinations such as supermarkets and hospitals.¹⁰

The project listings accompanying each map represent the TIP projects that can be shown through mapping techniques. There are numerous projects that cannot be mapped such as bus purchases and operating assistance. For more detailed project information, please refer to the annual element in section V.F or the full project listing following these maps in section VI.B. A project index is included at the end of the document.

¹⁰ Further details on this EJ analysis can be found in Appendix C in *Resilience 2050*: <https://baltometro.org/transportation/plans/long-range-transportation-plan/resilience2050>

Anne Arundel County Projects in Relation to Low Income & Minority Concentrations



Project Sponsor: Anne Arundel County

101	Furnace Avenue Bridge over Deep Run	11-1103-13
102	Harwood Road Bridge over Stocketts Run	11-1208-13
103	Magothy Bridge Road Bridge over Magothy River	11-1402-13
104	O'Connor Road Bridge over Deep Run	11-1403-13
105	McKendree Road Culvert over Lyons Creek	11-1601-19
106	Polling House Road Bridge over Rock Branch	11-1602-13
107	Hanover Road Corridor Improvement	11-1801-42
108	Parole Transportation Center	11-2101-66
109	Hanover Road Bridge over Deep Run	11-2105-13
110	Conway Road Bridge over Little Patuxent River	11-2106-13
111	Jacobs Road Bridge over Severn Run	11-2107-13
112	Culvert Invert Paving	11-2401-13
113	Town Center Boulevard over tributary of Severn Run	11-2402-13
114	Patuxent Rd over Little Patuxent River	11-2403-13

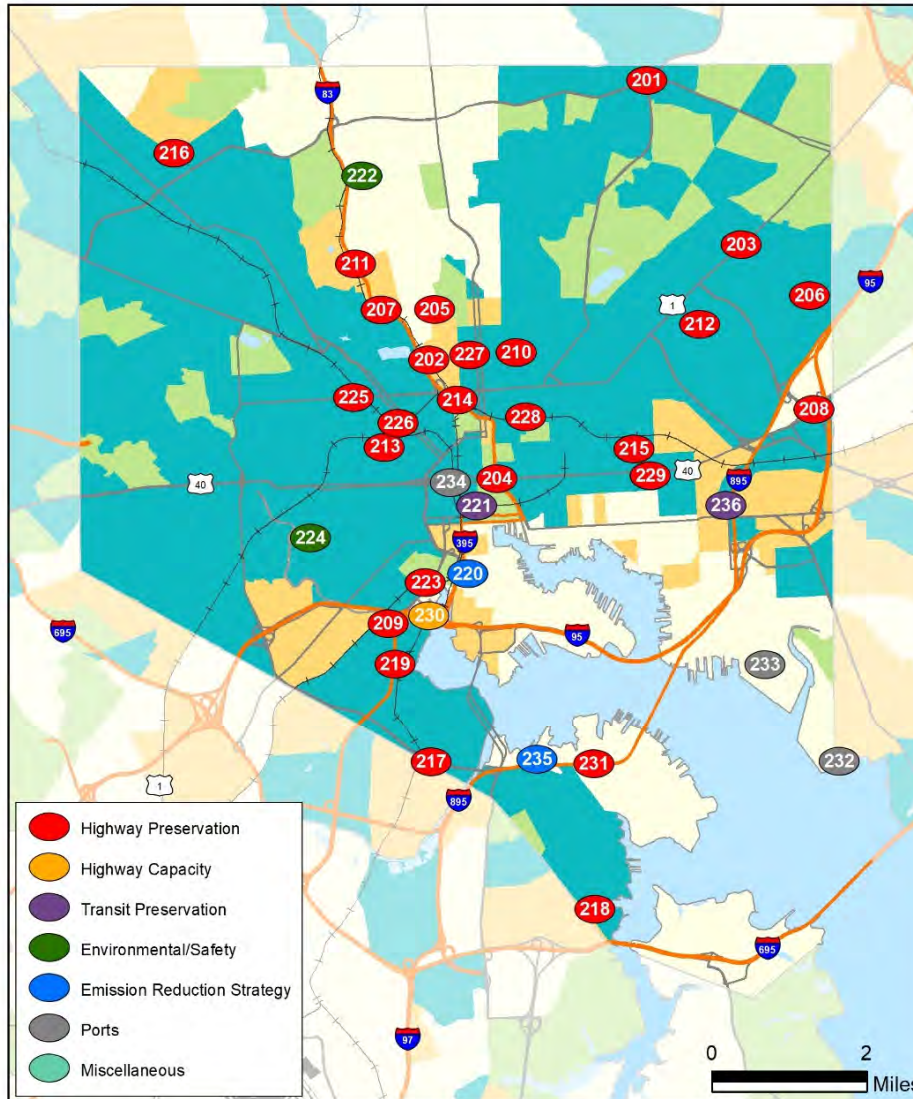
Project Sponsor: MDOT State Highway Administration

115	MD 175: Sellner Road/Race Road to McCarron Court	61-1701-41
116	MD 173: Bridge Replacement over Rock Creek	61-2101-13
117	MD 2: US 50 to Arnold Road	61-2301-41
118	MD 3: Waugh Chapel Road/Riedel Road to MD32/I-97	61-2302-41
119	MD 170: Norcross Lane to Wicker Road	61-2303-41
120	MD 214: MD 468 to Camp Letts Road	61-2304-41
121	I-97: US 50 to MD 32 TSMO	61-2305-41

Transportation Analysis Zones (2020) show where the population that is non-white or Hispanic is higher than the regional average of 44.7% and the low income population (below 200% of the poverty level) is higher than the regional average of 21.4% from the 2017-2021 American Community Survey 5-Year Estimates. Data shown for the Baltimore region only. Data Source: BMC, © HERE 2022, TIGER/Line®, MTA, U.S. Census, American Community Survey.

Exhibit VI-2: Projects in Relation to Low Income & Minority Concentrations

Baltimore City Projects in Relation to Low Income & Minority Concentrations

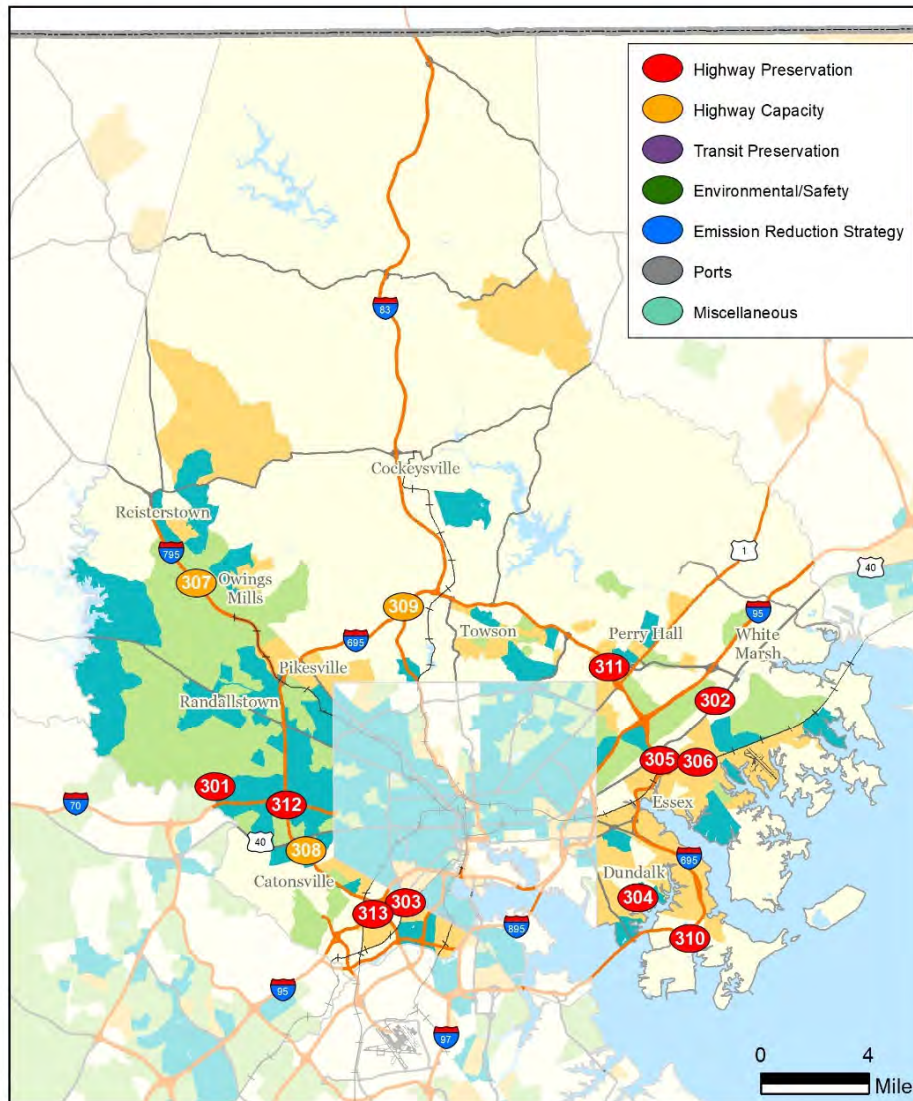


Project Sponsor: Baltimore City		
201	Perring Parkway Ramp over Herring Run	12-1215-13
202	Sisson Street Bridge over CSX Railroad	12-1216-13
203	Belair Road Complete Streets	12-1404-11
204	Orleans Street Bridge over I-83 and City Streets	12-1601-13
205	Remington Avenue Bridge over Stony Run	12-1602-13
206	Radecke Avenue and Sinclair Lane over Moores Run	12-1603-13
207	I-83 Concrete Deck Mill and Resurface	12-1604-13
208	Moravia Road Ramp Bridge over Pulaski Highway	12-1605-13
209	Monroe Street Ramp over CSX and Russell Street over CSX	12-1801-13
210	25th Street Rehabilitation from Greenmount Avenue to Kirk Avenue	12-2001-11
211	41st Street over I-83, MTA Light Rail Tracks, and Jones Falls	12-2002-13
212	Brehms Lane over Herring Run	12-2005-13
213	Fremont Avenue Rehabilitation from Lafayette Avenue to Presstman Street	12-2007-11
214	Howard Street over I-83, CSX, Amtrak, and Jones Falls	12-2009-13
215	Madison Street Rehabilitation from North Milton Avenue to Edison Highway	12-2010-11
216	Park Heights Avenue from West Rogers Avenue to Strathmore Avenue	12-2011-11
217	West Patapsco Avenue from Magnolia Avenue to Potee Street	12-2012-11
218	Pennington Avenue Rehabilitation from Birch Street to East Ordnance Road	12-2013-11
219	Waterview Avenue over Ramp to 295	12-2015-13
220	Greenway Middle Branch Phase 2	12-2102-03
221	RAISE Transit Priority Project	12-2201-64
222	Northern Parkway at Falls Road Traffic Safety and Bike Facility Improvements	12-2301-39
223	Russell Street Pavement Rehabilitation from Russell Street Viaduct to City Line	12-2302-11
224	Frederick Avenue ADA Upgrades (Brunswick to S. Pulaski)	12-2303-25
225	W North Avenue Pedestrian Safety Improvements from Mt Royal Ave to Hilton St	12-2401-03
226	Pennsylvania Avenue Rehabilitation from North Avenue to MLK Boulevard	12-2402-11
227	25th Street/Huntingdon Avenue Rehabilitation from Greenmount Ave to 29th St	12-2403-11
228	Johnston Square Improvements	12-2404-11
229	Orleans Street Rehabilitation from Washington Street to Ellwood Avenue	12-2405-11
Project Sponsor: Maryland Transportation Authority		
230	I-95 Fort McHenry Tunnel: Port Covington I-95 Access Study	22-1901-45
231	I-895/Baltimore Harbor Tunnel Toll Plaza and Interchange Improvements	22-2201-19
Project Sponsor: Maryland Port Administration		
232	Dundalk Marine Terminal Resiliency and Flood Mitigation Improvements	30-2101-82
233	Port of Baltimore Rail Capacity Modernization Project	30-2301-83
234	Howard Street Tunnel	32-2101-83
235	Masonville Cove Connector: Shared Used Path Design and Construction	32-2301-03
Project Sponsor: Maryland Transit Administration		
236	Eastern Bus Facility	40-2301-65

- EJ TAZs: Low income population (below 200% of poverty level) above regional average of 21.4%
- EJ TAZs: Minority population above regional average of 44.7%
- EJ TAZs: Minority population & low income population above regional average
- Non EJ TAZs: Minority population & low income population below regional average

Transportation Analysis Zones (2020) show where the population that is non-white or Hispanic is higher than the regional average of 44.7% and the low income population (below 200% of the poverty level) is higher than the regional average of 21.4% from the 2017-2021 American Community Survey 5-Year Estimates. Data shown for the Baltimore region only. Data Source: BMC, © HERE 2022, TIGER/Line®, MTA, U.S. Census, American Community Survey.

Baltimore County Projects in Relation to Low Income & Minority Concentrations



Project Sponsor: Baltimore County

301	Dogwood Road Bridge No. B-0072 Over Dogwood Run	13-0001-13
302	Mohrs Lane Bridge No. B-0143 over CSX Railroad	13-0803-13
303	Hammonds Ferry Road Bridge No. B-0100 over CSX Railroad	13-1012-13
304	Peninsula Expressway Bridge No. B-0119 over CSX Railroad	13-1108-13
305	Golden Ring Road Bridge No. B-0110 over Stemmers Run	13-1208-13
306	Rossville Boulevard Bridge No. B-0132 over Amtrak & Orem's Road	13-1701-13

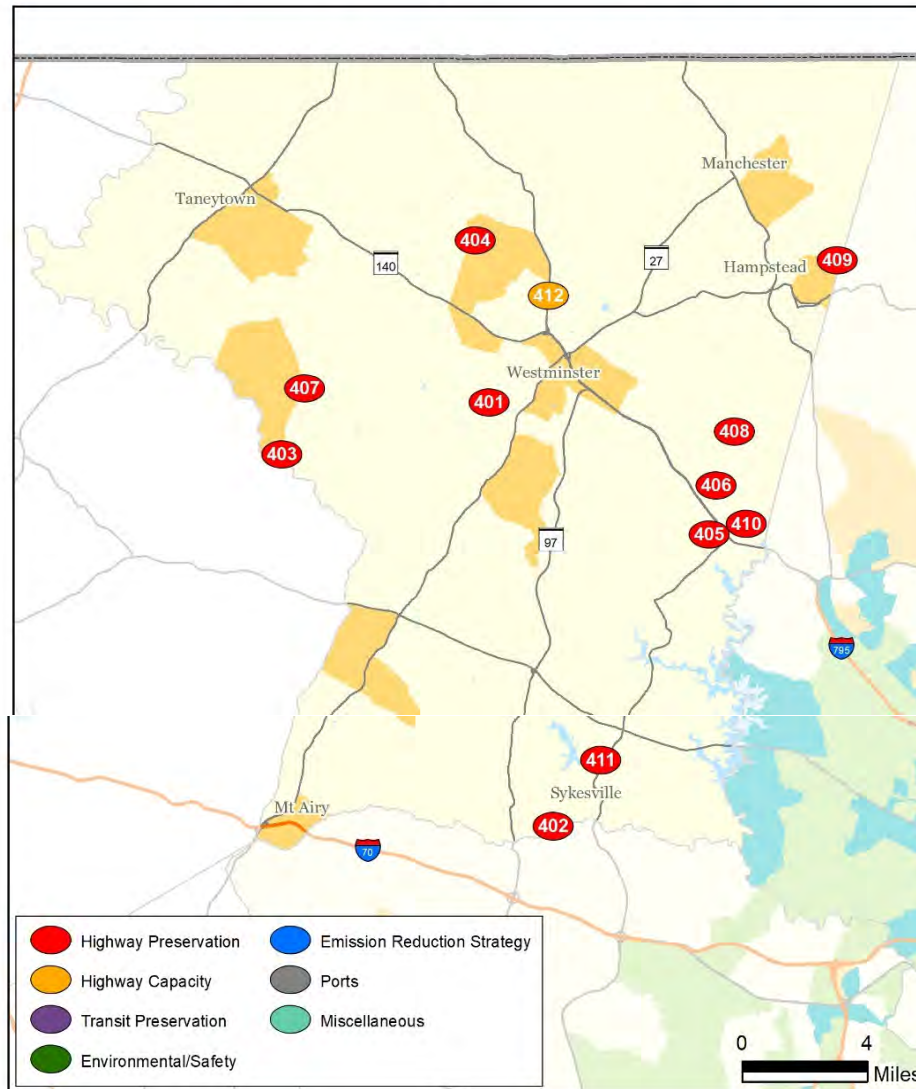
Project Sponsor: MDOT State Highway Administration

307	I-795: Dolfeld Boulevard Interchange	63-0803-46
308	I-695: US 40 to MD 144	63-1601-41
309	I-695: I-70 to MD 43	63-1802-41
310	MD 151/MD 151B: Bridge Replacements	63-2001-13
311	I-695: Bridge Replacement on Putty Hill Avenue	63-2002-13
312	I-695: Reconstruction of Interchange at I-70	63-2201-12
313	I-95/I-695 Interchange Bridge Deck Replacement	63-2202-13

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Carroll County Projects in Relation to Low Income & Minority Concentrations



Project Sponsor: Carroll County

401	Stone Chapel Road Bridge over Little Pipe Creek	14-1103-13
402	Gaither Road Bridge over South Branch Patapsco River	14-1602-13
403	McKinstry's Mill Road Bridge over Sam's Creek	14-1603-13
404	Hughes Shop Road Bridge over Bear Branch	14-1802-13
405	Old Kays Mill Road Culvert over Beaver Run	14-2101-13
406	Brown Road Culvert over Roaring Run	14-2102-13
407	McKinstry's Mill Road over Little Pipe Creek	14-2103-13
408	Patapsco Road Bridge over East Branch Patapsco River	14-2201-13
409	Upper Beckleysville Road Bridge over Murphy Run	14-2202-13

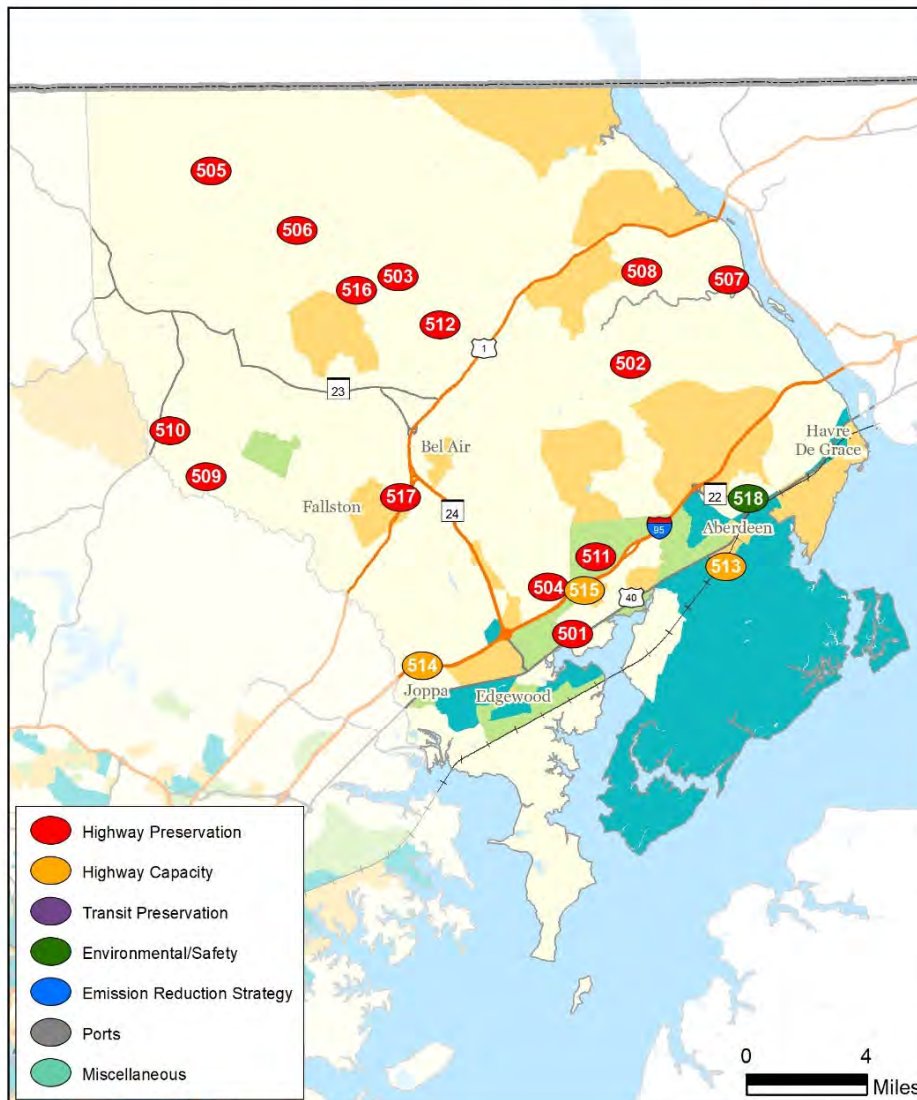
Project Sponsor: MDOT State Highway Administration

410	MD 91: Bridge Replacements over North Branch of Patapsco River and MD Midland Railroad	64-2201-13
411	MD 32: 2nd Street to Main Street	64-2301-12
412	MD 97: MD 140 to MD 496 Corridor Study	64-2302-41

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Harford County Projects in Relation to Low Income & Minority Concentrations



Project Sponsor: Harford County

501	Abingdon Road Bridge #169 over CSX Railroad	15-1001-13
502	Glennville Road Bridge #30 over Mill Brook	15-1601-13
503	Grier Nursery Road Bridge #43 over Deer Creek	15-2001-13
504	Hookers Mill Road Bridge #13 over Bynum Run	15-2002-13
505	Madonna Road Bridge #113 over Deer Creek	15-2101-13
506	St. Clair Bridge Road Bridge #100 over Deer Creek	15-2102-13
507	Stafford Road Bridge #162 over Buck Branch	15-2103-13
508	Trappe Church Road Bridge #161 over Hollands Branch	15-2104-13
509	Moore's Road Bridge #78 over a tributary to Gunpowder Falls	15-2201-13
510	Hess Road Bridge #81 over Yellow Branch	15-2202-13
511	Cullum Road Bridge #12 over Tributary of James Run	15-2401-13
512	Chesnut Hill Road Bridge #41	15-2402-13
513	Woodley Road Extension to MD 715	15-2403-14

Project Sponsor: Maryland Transportation Authority

514	I-95 Express Toll Lanes Northbound Extension	25-1801-41
515	I-95 Southbound Part-Time Shoulder Usage	25-2101-41

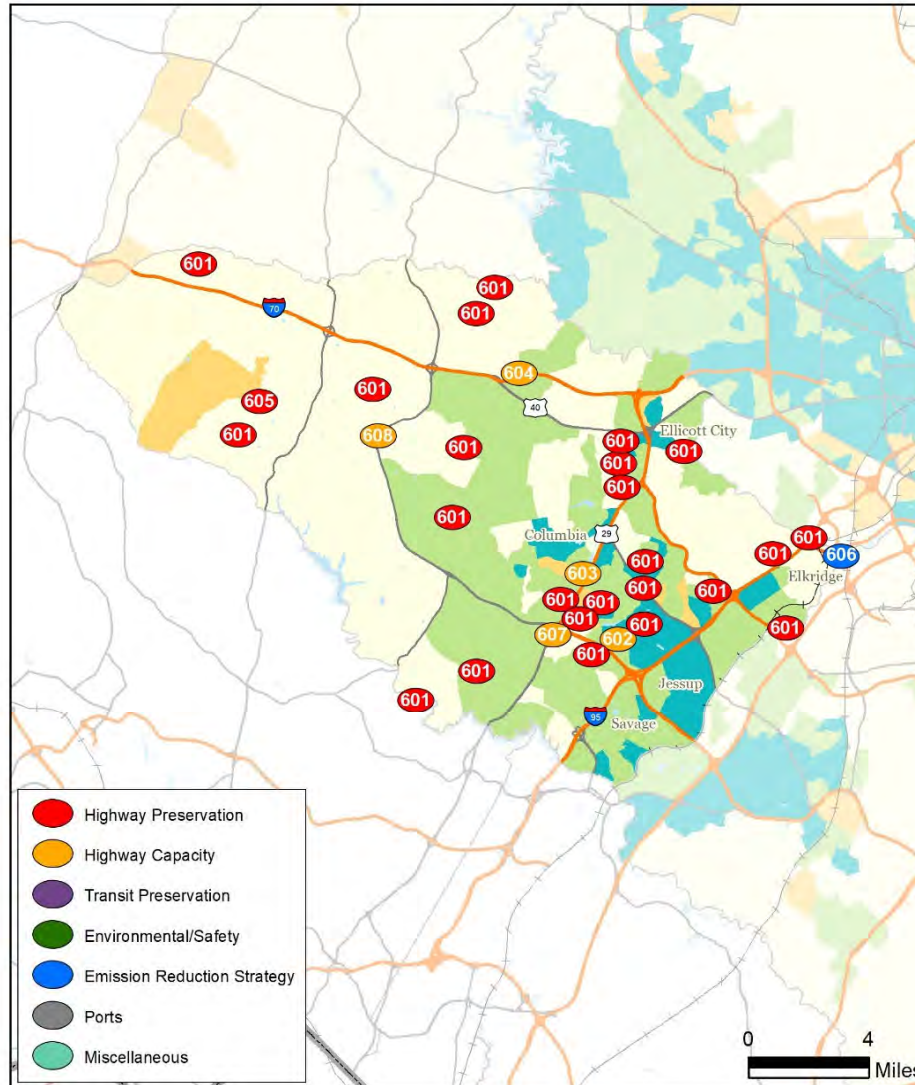
Project Sponsor: MDOT State Highway Administration

516	MD 24: South of Stirrup Run Culvert to Deer Creek Bridge, Section G	65-1601-12
517	US 1: Bridge Replacements at Tollgate Road and Winters Run	65-2101-13
518	MD 22: MD 462 to Mount Royal Avenue Noise Abatement	65-2301-31

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Howard County Projects in Relation to Low Income & Minority Concentrations



Project Sponsor: Howard County

601	Bridge Repair and Deck Replacement	16-0436-13
602	Snowden River Parkway: Broken Land Parkway to Oakland Mills Road	16-1410-41
603	US 29/Broken Land Parkway Interchange and North South Connector Road	16-1901-42
604	Marriottsville Road and I-70 Bridge Improvements	16-2101-41
605	Replacement of Bridge No. HO-040 on Union Chapel Road over Cattail Creek	16-2201-13
606	Patapsco Regional Greenway: Elkridge to Guinness Open Gate Brewery	16-2301-03

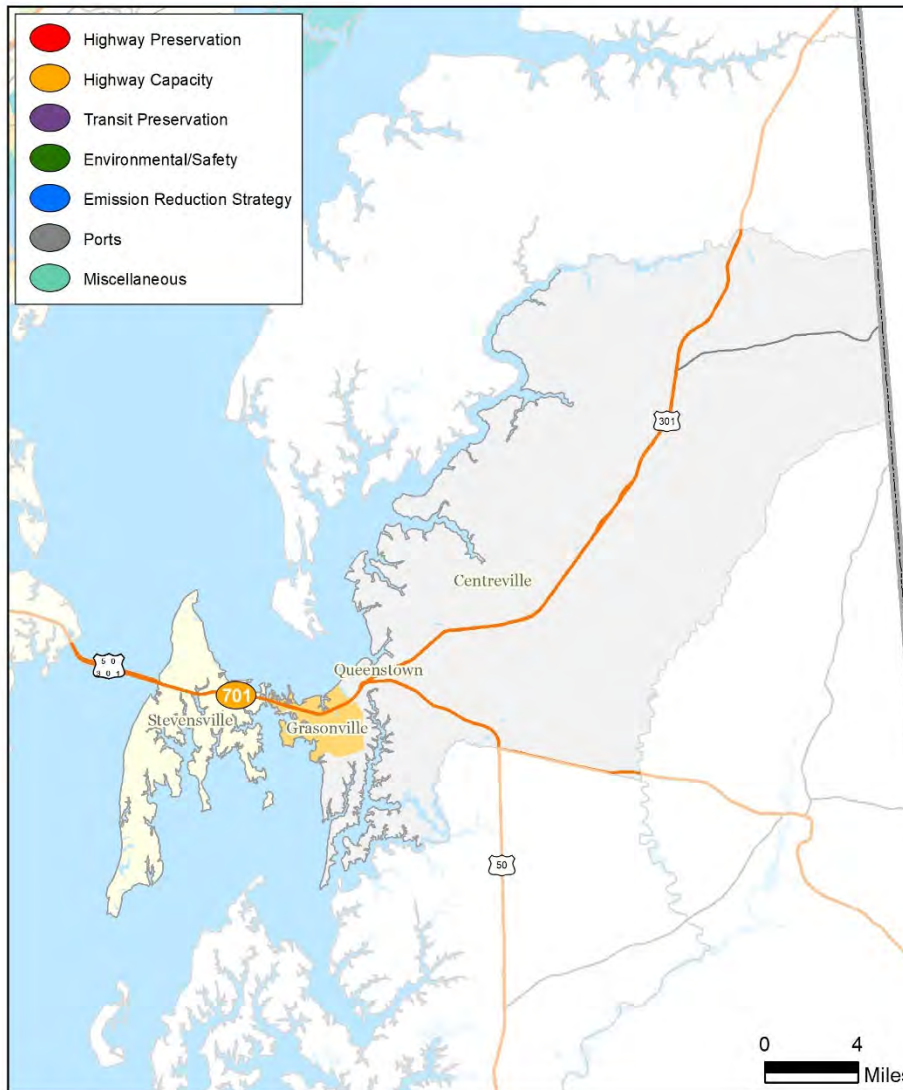
Project Sponsor: MDOT State Highway Administration

607	US 29: Middle Patuxent River to Seneca Drive - Phase 2	66-1406-41
608	MD 32: Linden Church Road to I-70, Capacity & Safety Improvements	66-1703-41

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- EJ TAZs: Minority population above regional average of 44.7%
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Queen Anne's County Projects in Relation to Low Income & Minority Concentrations



Project Sponsor: MDOT State Highway Administration

701 MD 188: Castle Marina Road to the Kent Narrows
Corridor Study

67-2301-41

- EJ TAZs: Low income population (below 200% of poverty level) above regional average of 21.4%
- EJ TAZs: Minority population above regional average of 44.7%
- EJ TAZs: Minority population & low income population above regional average
- Non EJ TAZs: Minority population & low income population below regional average
- Outside of MPO boundary

Transportation Analysis Zones (2020) show where the population that is non-white or Hispanic is higher than the regional average of 44.7% and the low income population (below 200% of the poverty level) is higher than the regional average of 21.4% from the 2017-2021 American Community Survey 5-Year Estimates. Data shown for the Baltimore region only. Data Source: BMC, © HERE 2022, TIGER/Line®, MTA, U.S. Census, American Community Survey.

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