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 all EJ TAZs, breaking EJ TAZs into those exceeding the regional average for households in poverty (10.2%), those exceeding the regional average for minority concentration (42.5%), and those exceeding both regional averages. Section II.B includes further discussion on EJ and the identification of EJ TAZs.

The long-range transportation plan, *Maximize2045*, 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 *Maximize2045*, 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.\(^\text{10}\)

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 starting on page 8 of Appendix C in *Maximize2045*: [https://baltometro.org/sites/default/files/bmc_documents/general/transportation/long-range/2045/max2045_s12_appxC_evalating-potential-effects.pdf](https://baltometro.org/sites/default/files/bmc_documents/general/transportation/long-range/2045/max2045_s12_appxC_evalating-potential-effects.pdf)
Anne Arundel County Projects in Relation to Minority & Poverty Concentrations

<table>
<thead>
<tr>
<th>Project Sponsor: Anne Arundel County</th>
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<tbody>
<tr>
<td>1. Hanover Road Corridor Improvement</td>
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<tr>
<td>2. MD 2: US 50 to Baltimore Annapolis Boulevard</td>
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<td>3. MD 3: Saint Stephens Church Road to MD 175</td>
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<td>4. MD 214: MD 468 to east of Loch Haven Road</td>
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<tr>
<td>5. Furnace Avenue Bridge over Deep Run</td>
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<td>6. Hanover Road Bridge over Stokettes Run</td>
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<td>7. Magrath Bridge Road Bridge over Magrath River</td>
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<td>8. O'Connor Road Bridge over Deep Run</td>
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<td>9. McKendree Road Culvert over Lyons Creek</td>
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<td>10. Polling House Road Bridge over Rock Branch</td>
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<td>11. Hanover Road Bridge over Deep Run</td>
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<tr>
<td>12. Conway Road Bridge over Little Patuxent River</td>
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<td>13. Jacobs Road Bridge over Severn Run</td>
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<td>14. Parole Transportation Center</td>
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<tr>
<th>Project Sponsor: MDOT Office of the Secretary</th>
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<tr>
<td>15. Baltimore-Washington Superconducting Maglev (SCMAGLEV) Project</td>
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<th>Project Sponsor: MDOT State Highway Administration</th>
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<tr>
<td>16. MD 175: Mapes Road and Reece Road Intersection</td>
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<tr>
<td>17. MD 175: Disney Road to Reece Road</td>
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<tr>
<td>18. MD 175: National Business Parkway to McCarron Court</td>
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</tbody>
</table>

- **EJ TAZs: Minority Population Above Regional Average of 42.5%**
- **EJ TAZs: Household Poverty Above Regional Average of 10.2%**
- **EJ TAZs: Minority Population & Household Poverty Above Regional Average**
- **Non EJ TAZs: Minority Population & Household Poverty Below Regional Average**

Transportation Analysis Zones (2010) show where the population that is non-white or Hispanic is higher than the regional average of 42.5% and where household poverty is higher than the regional average of 10.2% from the 2013-2017 American Community Survey 5-Year Estimates. Data shown for the Baltimore region only. Data Source: BMC, © HERE 2018, TIGER/Line®, MTA, U.S. Census, American Community Survey.
Baltimore City Projects in Relation to Minority & Poverty Concentrations

Project Sponsor: Baltimore City
1. Frederick Avenue Slope Stabilization Wall 12-2101-39
2. Bush Street Bike Facility 12-2101-03
3. Gwearway Middle Branch Phase 2 12-2102-03
4. Ellsaw Place Bike Facility 12-2103-03
5. Wolfe/Washington Street Bike Facility 12-2104-03
6. Penning Parkway Ramp and Hillen Road Bridge 12-1215-13
7. Sisson Street Bridge over CSX Railroad 12-1215-13
8. Wilkens Avenue Bridge Over Gwynns Falls 12-1403-13
9. Beale Road Complete Streets 12-1404-11
10. Orleans Street Bridge over I-83 and City Streets 12-1601-13
11. Remington Avenue Bridge Over Stony Run 12-1602-13
12. Radcliffe Avenue and Sinclair Lane Over Moore Run 12-1603-13
13. I-83 Concrete Deck Mill and Resurface 12-1604-13
14. Marks Road Ramp Bridge over Pulaski Highway 12-1605-13
15. MLK Boulevard and Howard Street Intersection Improvements 12-1706-11
16. 25th Street Rehabilitation from Greenmount Avenue to Kirk Avenue 12-2001-11
17. 41st Street over I-83, MTA Light Rail Tracks, and Jones Falls 12-2002-13
18. Berwicks Lane over Herring Run 12-2005-13
19. Fremont Avenue Rehabilitation from Lafayette Avenue to Presstimer Street 12-2007-11
20. Hanover Street Over CSX 12-2008-13
21. Howard Street over I-83, CSX, Amtrak, and Jones Falls 12-2009-13
22. Madison Street Rehabilitation from North Milton Avenue to Edison Highway 12-2010-11
23. Park Heights Avenue from West Rogers Avenue to Strathmore Avenue 12-2011-11
24. Patapsco Avenue from Magnolia Avenue to Patapsco River Bridge 12-2012-11
25. Pennington Avenue Rehabilitation from Birch Street to East Ordinance Road 12-2013-11
26. Western Avenue over Ramp to 295 12-2015-13
27. Harford Road Bridge Over CSX 12-2016-13

Project Sponsor: Maryland Transportation Authority
28. I-85 Fort McHenry Tunnel - Port Covington Access 22-1901-45

Project Sponsor: Maryland Port Administration
29. Rebuilt Marine Terminal Modernization, berth Improvements 32-2001-83
30. Howard Street Tunnel 32-2101-83

Project Sponsor: Maryland Transit Administration
31. Kirk Bus Facility Replacement - Phase 1 & 2 40-1203-65

EJ TAZs: Minority Population Above Regional Average of 42.5%

EJ TAZs: Household Poverty Above Regional Average of 10.2%

EJ TAZs: Minority Population & Household Poverty Above Regional Average

Non EJ TAZs: Minority Population & Household Poverty Below Regional Average

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Baltimore County Projects in Relation to Minority & Poverty Concentrations

Project Sponsor: Baltimore County
1. Dogwood Road Bridge No. B-0072 over Dogwood Run 13-0001-13
2. Mohs Lane Bridge No. B-0143 over CSX Railroad 13-0803-13
4. Hammond Ferry Road Bridge No. B-0100 over CSX Railroad 13-1012-13
5. Lansdowne Boulevard Bridge No. B-0113 over CSX Railroad 13-1105-13
8. Old Inglewood Avenue Bridge No. B-0096 over Dead Run 13-1202-13
11. Rolling Road Bridge No. B-0358 over Branch of Dead Run 13-1209-13
12. Rousville Boulevard Bridge No. B-0132 over Amtrak & Orms Road 13-1701-13

Project Sponsor: Maryland Transit Administration
13. Towson Circulator 43-2101-67

Project Sponsor: MDOT State Highway Administration
14. I-95 at Cromwell Bridge Road - Drainage Improvement 63-1801-38
15. MD 140: Painters Mill Road to Owings Mills Boulevard - Phase 2 63-0802-41
16. MD 140: Garrison View Road to Painters Mill Road - Phase 1 63-1203-41
17. I-95: US 40 to MD 144 63-1601-41
18. I-95: I-70 to MD 43 63-1802-41
19. I-83: Bridge Replacement over Padonia Road 63-1701-13
20. US 1: Bridge Replacement over US 45 63-1704-13
21. US 40: Bridge Replacements over Little & Big Gunpowder Falls 63-1706-13
22. MD 45: Padonia Road to Wight Avenue 63-1707-11
23. MD 151/M151B: Bridge Replacements 63-2001-13
24. I-95 Bridge Replacement on Putty Hill Avenue 63-2002-13

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Carroll County Projects in Relation to Minority & Poverty Concentrations

Project Sponsor: Carroll County
1. Shepards Mill Road Bridge over Little Pipe Creek 14-1102-13
2. Stone Chapel Road Bridge over Little Pipe Creek 14-1103-13
3. Babylon Road Bridge over Silver Run 14-1601-13
4. Gaither Road Bridge over South Branch Patapsco River 14-1602-13
5. McKinstrys Mill Road Bridge over Sam’s Creek 14-1603-13
6. Hughes Shop Road Bridge over Bear Branch 14-1802-13
7. Old Kays Mill Road Culvert over Beaver Run 14-2101-13
8. Brown Road Culvert over Roaring Run 14-2102-13
9. McKinstrys Mill Road over Little Pipe Creek 14-2103-13

Project Sponsor: MDOT State Highway Administration
10. MD 30 Business: North Woods Trail to CSX Railroad (Hampstead Community Safety & Enhancement) 64-1401-19
11. MD 86: Bridge Replacement over Gunpowder Falls 64-1701-13

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Harford County Projects in Relation to Minority & Poverty Concentrations

Project Sponsor: Harford County
1. Abingdon Road Bridge #109 over CSX Railroad 15-1001-13
2. Stafford Road Bridge #24 over Deer Creek 15-1501-13
3. Glennville Road Bridge #30 over Mill Brook 15-1601-13
4. Grier Nursery Road Bridge #43 over Deer Creek 15-2001-13
5. Hookers Mill Road Bridge #13 over Byrum Run 15-2002-13
6. Madonna Road Bridge #113 over Deer Creek 15-2101-13
7. St. Clair Bridge Road Bridge #100 over Deer Creek 15-2102-13
8. Stafford Road Bridge #162 over Buck Branch 15-2103-13
9. Trappe Church Road Bridge #161 over Hollands Branch 15-2104-13

Project Sponsor: Maryland Transportation Authority
10. I-95 Express Toll Lanes Northbound Extension 25-1801-41
11. I-95 Southbound Part-Time Shoulder Usage 25-2101-41

Project Sponsor: MDOT State Highway Administration
12. MD 24; South of Stump Run Culvert to Deer Creek Bridge, Section G 65-1601-12

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Howard County Projects in Relation to Minority & Poverty Concentrations

**Project Sponsor: Howard County**
1. Dorsey Run Road: MD 175 to CSX Railroad Spur
2. Guilford Road: US 1 to Dorsey Run Road
3. MD 175 at Oakland Mills Road Interchange
4. Snowden River Parkway: Broken Land Parkway to Oakland Mills Road
5. US 29/Broken Land Parkway Interchange and North South Connector Road
6. Marriottsville Road and I-70 Bridge Improvements
7. Bridge Repairs and Deck Replacement

**Project Sponsor: MDOT State Highway Administration**
8. MD 32: MD 108 to Linden Church Road
9. MD 32: Linden Church Road to I-70, Capacity & Safety Improvements
10. I-95: Active Traffic Management

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