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 (9.9%), those exceeding the regional average for minority concentration (43.5%), 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.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
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. Mohrs Lane Bridge No. B-0143 over CSX Railroad 13-0803-13
3. Hammonds Ferry Road Bridge No. B-0100 over CSX Railroad 13-1012-13
4. Lansdowne Boulevard Bridge No. B-0113 over CSX Railroad 13-1105-13
5. Piney Grove Road Bridge No. B-0140 over CSX Railroad 13-1107-13
7. Sparks Road Bridge No. B-0018 over Gunpowder Falls 13-1206-13
9. Rolling Road Bridge No. B-0358 over Branch of Dead Run 13-1209-13

Project Sponsor: MDOT State Highway Administration

11. I-695 at Cromwell Bridge Road - Drainage Improvement 63-1801-38
12. I-695: US 40 to MD 144 63-1601-41
13. I-695: I-70 to MD 43 63-1802-41
14. I-83: Bridge Replacement over Padonia Road 63-1701-13
15. US 1: Bridge Replacement over CSX 63-1704-13
16. US 40: Bridge Replacements over Little & Big Gunpowder Falls 63-1706-13
17. MD 45: Padonia Road to Wight Avenue 63-1707-11
18. MD 151/MD 151B: Bridge Replacements 63-2001-13
20. I-695: Reconstruction of Interchange at I-70 63-2201-12

EJ TAZs: Minority Population Above Regional Average of 43.5%
EJ TAZs: Household Poverty Above Regional Average of 9.9%
EJ TAZs: Minority Population & Household Poverty Above Regional Average
Non EJ TAZs: Minority Population & Household Poverty Below Regional Average

Transportation Analysis Zones (TAZs) show where the population that is non-white or Hispanic is higher than the regional average of 43.5% and where household poverty is higher than the regional average of 9.9% from the 2015-2019 American Community Survey 5-Year Estimates. Data shown for the Baltimore region only. Data Source: BHIC, © HERE 2020, TIGER/LINE® MTA, U.S. Census, American Community Survey.
Carroll County Projects in Relation to Minority & Poverty Concentrations

Project Sponsor: Carroll County
1. Shepherds 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. McKinstry 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. McKinstry's Mill Road over Little Pipe Creek 14-2103-13

Project Sponsor: MDTOT State Highway Administration
10. MD 30 Business: North Woods Trail to CSX Railroad (Hampstead Community Safety & Enhancement) 64-1401-19

EJ TAZs: Minority Population
Above Regional Average of 43.5%

EJ TAZs: Household Poverty
Above Regional Average of 9.9%

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 43.5% and where household poverty is higher than the regional average of 9.9% from the 2015-2019 American Community Survey 5-Year Estimates. Data shown for the Baltimore region only. Data Source: BHA, © HERE 2020, TIGER/Line®: MTA, U.S. Census, American Community Survey.
Transportation Analysis Zones (2010) show where the population that is non-white or Hispanic is higher than the regional average of 43.5% and where household poverty is higher than the regional average of 9.9% from the 2015-2019 American Community Survey 5-Year Estimates. Data shown for the Baltimore region only. Data Source: BSCG, © HERE 2020, TIGER/Line® MTA, U.S. Census, American Community Survey.
Howard County Projects in Relation to Minority & Poverty Concentrations

Project Sponsor: Howard County
1. Snowden River Parkway: Broken Land Parkway to Oakland Mills Road 16-1410-41
2. US 29/Broken Land Parkway Interchange and North South Connector Road 16-1901-42
3. Bridge Repair and Deck Replacement 16-0436-13

Project Sponsor: MDOT State Highway Administration
4. MD 32: Linden Church Road to I-70, Capacity & Safety Improvements 66-1703-41

Transportation Analysis Zones (2010) show where the population that is non-white or Hispanic is higher than the regional average of 43.5% and where household poverty is higher than the regional average of 9.9% from the 2015-2019 American Community Survey 5-Year Estimates. Data shown for the Baltimore region only. Data Source: BHAC, © HERE 2020, TIGER/Line® MTA, U.S. Census, American Community Survey.
Queen Anne's County Projects in Relation to Minority & Poverty Concentrations

Project Sponsor: MDOT State Highway Administration
1 MD 835C Sidewalk: Cockey Lane to Old Love Point Road 67-2101-03

EJ TAZs: Minority Population Above Regional Average of 43.5%
EJ TAZs: Household Poverty Above Regional Average of 9.9%
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 43.5% and where household poverty is higher than the regional average of 9.9% from the 2015-2019 American Community Survey 5-Year Estimates. Data shown for the Baltimore region only. Data Source: BHIC, © HERE 2020, TIGER/Line® MTA, U.S. Census, American Community Survey.