

# APPENDIX A.

## Ongoing Projects

PROJECT	Project Scope	Construction NTP	Original Completion Date	Revised Completion Date	Reason for Revised Comp. Date	Current Project Milestone	Award Amount	Revised Construction Amount
Urgent Need TR19006R	Resurface-Milling and paving of existing roadway, repairs curbs, curb and gutters and sidewalks, ADA Ramps, utility structure adjustments and stripping the roadway.	6/3/2020	6/2/2021	6/30/2022	JCR Funding	Semi -final on 5/27/2022. DWS out of stock.	\$ 2,609,618.00	\$ 5,913,563.05
Urgent Need Contract Citywide, TR20014	Resurface-Milling and paving of existing roadway, repairs curbs, curb and gutters and sidewalks, ADA Ramps, utility structure adjustments and stripping the roadway.	7/30/2021	7/29/2022	10/29/2022	work locations conflicts	Contractor is working on Laurelton Ave	\$ 1,771,813.62	\$ 1,771,813.62
Resurfacing Highway at Various Locations, Northeast, Sector - 1 TR21011	Resurface-Milling and paving of existing roadway, repairs curbs, curb and gutters and sidewalks, ADA Ramps, utility structure adjustments and stripping the roadway.	7/30/2021	7/29/2022			Construction Ongoing	\$ 1,699,720.98	\$ 1,699,720.98
Resurfacing Highway at Various Locations, Northwest, Sector - 2 TR21012	Resurface-Milling and paving of existing roadway, repairs curbs, curb and gutters and sidewalks, ADA Ramps, utility structure adjustments and stripping the roadway.	7/30/2021	7/29/2022			Construction Ongoing	\$ 1,726,733.00	\$ 1,726,733.00
Resurfacing Highway at Various Locations, Southwest, Sector - 3 TR21013	Resurface-Milling and paving of existing roadway, repairs curbs, curb and gutters and sidewalks, ADA Ramps, utility structure adjustments and stripping the roadway.	7/30/2021	7/29/2022			Construction Ongoing	\$ 1,743,444.82	\$ 1,743,444.82
Resurfacing Highway at Various Locations, Southeast, Sector - 4 TR21014	Resurface-Milling and paving of existing roadway, repairs curbs, curb and gutters and sidewalks, ADA Ramps, utility structure adjustments and stripping the roadway.	7/30/2021	7/29/2022			Construction ongoing	\$ 1,641,311.32	\$ 1,641,311.32

PROJECT	Project Scope	Construction NTP	Original Completion Date	Revised Completion Date	Reason for Revised Comp. Date	Current Project Milestone	Award Amount	Revised Construction Amount
Urgent Need Contract Citywide TR21018		12/28/2021	12/27/2022				\$ 1,474,847.00	\$ 1,554,210.32
RECONSTRUCTION OF FOOTWAYS CITYWIDE TR19001	**Footway Repairs	4/22/2019	2/5/2020			Construction Ongoing	\$ 842,000.00	\$ 842,000.00
RECONSTRUCTION OF FOOTWAYS CITYWIDE TR19002	**Footway Repairs	4/22/2019	2/5/2020			Construction Ongoing	\$ 846,500.00	\$ 846,500.00
INSPIRE SCHOOL SIDEWALK RECONSTRUCTION TR19003	**Footway Repairs	4/29/2019	4/27/2020			Construction Ongoing	\$ 950,000.00	\$ 1,423,000.00
RECONSTRUCTION OF FOOTWAYS CITYWIDE TR19008	**Footway Repairs	4/22/2019	4/20/2020			Construction Ongoing	\$ 842,000.00	\$ 842,000.00
RECONSTRUCTION OF ALLEYS CITYWIDE TR19004	**Alley Reconstruction	8/7/2019	5/20/2020			Pre Construction	\$ 986,378.00	\$ 986,378.00
ADA JOC CITY WIDE TR17023	**Repair ADA Ramps Citywide	10/29/2018	10/29/2019	4/29/2020		Construction Ongoing	\$ 346,999.50	\$ 346,999.50
RECONSTRUCTION OF FOOTWAYS CITYWIDE TR18003	**Footway Repairs	7/30/2018	7/29/2019	9/14/2019		Construction Ongoing	\$ 770,000.00	\$ 848,023.00

PROJECT	Project Scope	Construction NTP	Original Completion Date	Revised Completion Date	Reason for Revised Comp. Date	Current Project Milestone	Award Amount	Revised Construction Amount
I-83 JOINT REPAIRS PHASE 2 BRIDGE TR13301 TIP# 12-1411-13 FAP# NHPP-83-1(179)E SHA# BC 420006	**Installation of median gate on I-83 north of Cold Spring Lane exits ** Joint repairs on BC3114 and BC3115, approximately 30 total joints. **Project was separated into two phases to reduce traffic congestion on I-83	NO NTP DATE	Estimated 2020/2021			Pre-Construction Meeting 1/31/2019	\$ 5,780,763.50	\$ 5,780,763.50
Hanover Street Bridge Panel Repairs TR16305 TIP# FAP# BC#	Task-2 **Design Deck Support							\$ -
REPLACEMENT OF BRIDGE NO BC3212 HARBORD ROAD OVER HERRING RUN TR03319 TIP# 12-1402-13 FAP# NHPP-3033(9)E SHA# BC450001	**Removal of arch bridge **Replace with three span bridge with arch facade **Construct arch pedestrian underpass **Utility work and signalized intersection **Remove/Reconstruct portions of Herring Run Greenway Trail **Approach work and Landscaping	10/1/2018	10/26/2021			Superstructure Construction	\$ 18,997,069.00	\$ 23,321,279.23
SE Baltimore Freight Corridor –Replacement of Broening Hwy Bridge Over Colgate Creek TIP# 12-1609-13 SE Baltimore Freight Corridor – Holabird Avenue Realignment At Poncabird Pass TIP# 12-1610-11 SE Baltimore Freight Corridor – Broening Hwy Complete Streets Streetscape (Boston to Holabird Avenue) TIP# 12-1611-09 (TIGER GRANT) TR16301	**Replacement of Bridge BC-4204, Repave Holibird Ave from Ponca Pass to Broening Hwy, Repave Broening Hwy from Holibird Ave to Boston St	11/15/2018	12/22/2020			Construction Ongoing	\$ 17,737,777.00	\$ 20,655,965.84
EDISON HWY OVER AMTRAK BRIDGE REHABILITATION TR08320 TIP#12-1030-13 FAP# NHPP-3042(E) SHA# BC 269-087-815		5/13/2019	3/12/2021			Repairing Deteriorated Concrete Piers.Placed fencing on Amtrak Property right of way	\$ 3,556,173.00	\$ 4,373,513.00
WATERVIEW, ANNAPOLIS, MAISEL BRIDGES TR12311R TIP#12-1202-13 FAP# HF-NH-111-1(29)N SHA# BC 269-083-815	**Total replacement of three bridges over MD 295	1/7/2019	1/6/2023			Construction Ongoing	\$ 35,755,025.75	\$ 36,271,760.40

PROJECT	Project Scope	Construction NTP	Original Completion Date	Revised Completion Date	Reason for Revised Comp. Date	Current Project Milestone	Award Amount	Revised Construction Amount
REPLACEMENT OF EDMONDSON AVENUE BRIDGE FAP# BHF-244-1(26)N SHA# BC 269-082-815 City TR01041R	**Complete replacement of all substructure and superstructure on a four span, six lane bridge from Hilton Pkwy to Ellicott Drive	11/7/2016	12/5/2020	11/23/2021		Construction is completed	\$ 40,338,000.00	\$ 40,338,000.00
The Baltimore Convention Center Sharp Street Water Intrusion Repair	**Repairs to Baltimore Convention and Sharp Street roadway joints/inlets to stop water intrusion into Convention Center **Project was transferred to DOT from DGS					Award Stage		\$ -
PHOENIX RD OVER GUNPOWDER FALLS BRIDGE REPLACEMENT TR10003 TIP# FAP# SHA No.	**Complete replacement of Phoenix Road Bridge over Gunpowder Falls. **Project is located within Loch Raven Watershed in Baltimore County. **Design funded by DPW. Construction funded through Baltimore County federal-aid monies and City DPW.					Construction Stage	\$ 9,734,205.10	\$ 9,734,205.10
INNER HARBOR WATER TAXI TERMINAL TR10309R SHA# BC440005 FAP# HP-4306(3)E	**Demolition & removal of existing USS Constellation building. **Construction of new Inner Harbor Water Taxi building	9/30/2019	9/28/2020	11/15/2021		Construction is completed	\$ 3,827,150.00	\$ 3,867,334.00
CENTRAL AVE STREETSCAPE & CONNECTOR BRIDGE (Design Build) HARBOR POINT TO BALTIMORE ST. RECONS & BRIDGE TR12317 TIP# 12-1201-42 STP-3057(6)N BC410005	**Extend Central Avenue to Harbor Point with new bridge. **Building face to building face reconstruction N to Baltimore St. **Replace/Rehab and Renew Utilities **Landscape, Ped, bicycle amenities. **Structural rehab to Harford Run culverts/bridges	6/15/2016	6/15/2021	10/31/2022		Construction Ongoing	\$ 46,777,777.00	\$ 56,947,620.20

PROJECT	Project Scope	Construction NTP	Original Completion Date	Revised Completion Date	Reason for Revised Comp. Date	Current Project Milestone	Award Amount	Revised Construction Amount
GREENMOUNT AVE Streetscape 29TH ST TO 43RD ST TR14302 FAP# NHPP-3025(18)E, SHA# BC420010 TIP#12-1408-12	**Upgrade all street and pedestrian lighting to LED fixtures. **Add new pedestrian light between 29 and 30th street. **Four signal replacement, Roadway milling and paving, base repair, replace damage sidewalk and curbs. **Upgrade non-compliant driveways, sidewalks and ramps to ensure ADA compliance, bump outs, inlaid thermoplastic Crosswalks, new trees, 5' brick pavers band in sidewalk between 29th to 35th St. New 130' landscaped median just south of 43rd St.	10/5/2020	11/23/2022			Construction ongoing	\$ 4,730,000.00	\$ 5,145,983.25
Loch Raven Reservoir Culvert Repair Project TR20019 TIP# FHWA# SHA# CIP#	**Ford Crossing repairs to LR2, LR8, LR11, LR12 **Install erosion & sediment controls **Clearing & grubbing for construction entrances to ford crossings **Advertised 3/12/2021 **Bid came on 3/31/2021. Lowest bidder Monumental Paving \$699,993.15 **Contract awarded 7/21/2021 **Preconference 8/31/2021 **NTP 9/30/2021	9/30/2021	5/28/2021	9/2/2022		Construction is completed	\$ 699,993.15	\$ 699,993.15
Bike and Ped Improvements (20 <sup>th</sup> and Baker Streets) TR19310 TIP# FHWA# SHA# CIP#	PART OF NAR TIGER MTA  These implementations include bicycle friendly speed humps, intersection bump outs, contraflow bicycle lanes, and improved pedestrian crossings to slow through traffic and improve safety along the corridors. In addition, there will be 7 miles of shared bus/bike lanes and a two-way protected bicycle facility across the North Avenue Bridge.	10/12/2021	1/10/2022			COMPLETED!!!!		\$ 637,668.00
5200 FREDERICK AVE. SLOPE STABILITY WALL- Frederick Avenue from Wynddhome Way to Atholwood Avenue TR20303 TIP# FHWA# STBG-MD18(2)E SHA# BC40005 CIP 508-072	**Arrest landslide to reopen sidewalk	3/14/2022	7/12/2022			Construction Completed		\$ 1,694,197.25

PROJECT	Project Scope	Construction NTP	Original Completion Date	Revised Completion Date	Reason for Revised Comp. Date	Current Project Milestone	Award Amount	Revised Construction Amount
SHARP LEADENHALL STREETScape TR17022	**Sidewalk Reconstruction with brick band buffer **Curb & Gutter Reconstruction **Streetlight upgrades and Pedestrian Lighting **Landscaping improvements: Tree Pits and Planting Areas **Minor drainage improvements	9/20/2017 3/25/2020 (EWO NTP)	3/20/2018	Spring/Summer 2022		Awaiting NTP	\$ 254,992.97	\$ 346,231.78
Conduit Systems Reconstruction at Various Locations city wide TR19017	Rodding, Slugging and Break Out of Existing Conduit Ducts. Type Y Duct Sections, 1-3in., 1-4in., or 1-5 in., in diameter. Concrete Encased Split Duct, 3 in., 4in., or 5 in.	5/13/2020	5/2/2022			As of 07/22/2022, Contractor progressing smoothly through contract. Has four (4) to six (6) crews working, daily. Contract Time Expired & Money @ 89%. A 180 day change order was submitted on 04/19/2022, prior to contract expiration. EAR signed by CORC on 05/16/2022.	\$ 6,382,300.00	\$ 6,382,300.00
Conduit Systems Reconstruction at Various Locations City Wide TR20016	Rodding, Slugging and Break Out of Existing Conduit Ducts. Type Y Duct Sections, 1-3in., 1-4in., or 1-5 in., in diameter. Concrete Encased Split Duct, 3 in., 4in., or 5 in.	4/1/2021	3/31/2022	9/28/2022		As of 07/22/2022, Contractor effectively progressing thru Contract. Has four (4) to six (6) crews working, daily. Contract Time @ 89% (Includes 6 mo Time Ext in C.O. #1) & Money @ 90%. EWO #2 submitted on 03/18 for \$4.6M & 2 yrs time.	\$ 6,679,950.00	\$ 6,679,950.00
COMPREHENSIVE CONDUIT FACILITIES MANAGEMENT SERVICES TR16020	**Perform Electric MH repairs (wall reconstruction, replacement of frames and covers, etc). **Split duct construction. **Perform replacement and/or repairs on the conduit in advance of proposed cable installation.	2/22/2017	2/22/2023			Construction Ongoing	\$ 67,632,579.31	\$ 67,632,579.31
Citywide Cable Management JOC TR21009	Racking of cables in Conduit Manholes / systems and other related tasks Citywide.	1/19/2022	7/13/2023			As of 07/22/2022, Contractor is increasing production and efficiency . Contract Time @ 33% and Money @ 21%.	\$ 1,251,875.00	\$ 1,251,875.00

# APPENDIX B.

## Equity Composite Score Methodology



## **Equity Analysis**

The Baltimore Complete Streets Stakeholder Committee has identified several demographic indicators that are to be used in the Equity Analysis. The principal source of this information is the US Census Bureau. The most detailed demographic information for these indicators is maintained at the Block Group level. These Block Groups will form the primary unit of geographic analysis for the equity assessment as nearly all the needed demographic data is organized by these units. There are 695 Block Groups within Baltimore City, but only 645 Block Groups contain residents to be used in the Equity Analysis. The detailed description of the development and standards used for the Equity Lens Dataset are captured under separate cover.

The Baltimore Equity Composite Index Score is the sum of ten individual demographic statistics determined by the Baltimore City Complete Streets Stakeholder Committee as key indicators of communities that have been historically disadvantaged. The ten individual indicators include Black or African American populations, Hispanic and Latino populations, populations living in poverty, unemployment, no vehicle households, median age of the population, median household income, public transit commuters, education attainment and disabled populations. This data was derived from the US Census Bureau's American Community Survey statistical data for 2013 – 2017 at the block group level of analysis.

Each individual indicator feature class table contains a classification score, an unweighted ranking score and a weighted priority ranking score calculated using raw data totals from the ACS 2013-2017 5-year estates data provided by the US Census Bureau.

The selection of initial communities for further exploration was based on a statistical analysis of the resulting composite equity score for each Block Group. The top 37 Block Groups were selected based on their composite equity scores being 1.5 times or more than the standard deviation above the median score.

Source: Wallace Montgomery & Associates, BCDOT Transit Equity Gap Analysis – Process Overview.

# APPENDIX C.

## MTA On Time Performance

## MTA On-Time Performance (OTP) 2020-2021

Route	2020 OTP	2021 OTP
21	76%	77%
22	75%	74%
26	76%	78%
28	74%	74%
29	72%	74%
30	76%	74%
31	85%	86%
33	81%	79%
34	81%	81%
36	74%	76%
37	77%	77%
38	51%*	48%
51	75%	76%
52	71%	72%
53	74%	73%
54	69%	70%
56	69%	72%
57	75%	76%
59	77%	77%
62	75%	73%
63	68%	68%
65	78%	77%
67	76%	71%
69	70%	70%
70	66%	67%
71	72%	75%
73	77%	75%
75	73%	71%
76	74%	73%
77	78%	77%
78	76%	77%
79	81%	82%
80	74%	73%
81	82%	82%
82	81%	81%
83	83%	83%
85	79%	85%
87	86%	85%
89	77%	77%
91	86%	82%

Route	2020 OTP	2021 OTP
92	65%*	67%
93	77%	79%
94	71%	72%
95	70%	71%
103	88%*	80%
104	88%*	86%
105	81%*	79%
115	78%*	74%
120	89%*	82%
150	85%*	80%
154	75%*	72%
160	84%*	82%
163	-	69%
164	83%*	-
CityLink BLUE	71%	71%
CityLink BROWN	69%	69%
CityLink GOLD	71%	72%
CityLink GREEN	76%	77%
CityLink LIME	72%	73%
CityLink NAVY	72%	71%
CityLink ORANGE	73%	70%
CityLink PINK	74%	76%
CityLink PURPLE	71%	69%
CityLink RED	71%	72%
CityLink SILVER	71%	70%
CityLink YELLOW	71%	70%

\* These routes were suspended in 2020 due to COVID-19. 2020 OTP for these routes is an average of OTP for the period during which the service was running.