

# OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION

## Resolution Adopting Proposed 2020 Capital Budget

WHEREAS, under Article V, Section 5.03(b)(i) of the Amended and Restated Master Trust Agreement dated April 8, 2013 (“Master Trust Agreement”), the Commission covenants that “from the revenues of the [Turnpike] System it will at all times maintain the System in good repair and in sound operating condition and will make all necessary repairs, renewals, improvements and replacements;” and

WHEREAS, in accordance with Article IV of the Master Trust Agreement, the 2020 Annual Operating Budget includes transfers of revenues to the System Projects Fund, Renewal and Replacement Fund, Fuel Tax Fund, and Service Plaza Capital Improvement Fund; and

WHEREAS, the transfers of 2020 revenues to the System Projects Fund, Renewal and Replacement Fund, Fuel Tax Fund, and Service Plaza Capital Improvement Fund are intended to be added to any unspent balances in these funds and the total is to be available for capital expenditures; and

WHEREAS, the Commission’s Chief Engineer and Deputy Executive Director/CFO/Comptroller have prepared the attached Capital Budget that includes a recommended preliminary list of 2020 capital projects totaling up to \$148,185,552, which list is subject to change, and \$29,784,748 in uncommitted funds, which may be used for currently unidentified capital projects that may be needed during 2020; and

WHEREAS, the Executive Director has reviewed and concurs with the recommendations of the Chief Engineer and Deputy Executive Director/CFO/Comptroller; and

WHEREAS, the Commission has duly considered said recommendations.

NOW, THEREFORE, BE IT

RESOLVED that, in accordance with the requirements of Article IV of the Master Trust Agreement, the Commission hereby authorizes expenditures from the System Projects Fund, Renewal and Replacement Fund, Fuel Tax Fund, and Service Plaza Capital Improvement Fund for 2020 capital projects, which shall constitute System projects, with such expenditures not-to-exceed a combined total of up to **\$177,970,300**, and which projects shall be awarded in accordance with the requirements of Article V of the Commission’s Code of Bylaws dated July 1, 2013.

FURTHER RESOLVED that the Executive Director of the Ohio Turnpike and Infrastructure Commission will provide a certified copy of this resolution to the Huntington National Bank, as Trustee for the Bondholders.

**(Resolution No. 64-2019 adopted December 16, 2019)**

**OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION  
2020 TOTAL CAPITAL EXPENDITURES BUDGET**

	<b>IDENTIFIED PROJECTS</b>	<b>UNCOMMITTED FUNDS</b>	<b>TOTAL BUDGETED EXPENDITURES</b>
<b>SYSTEM PROJECTS FUND</b>	<b>\$ 127,270,219</b>	<b>\$ 21,253,760</b>	<b>\$ 148,523,979</b>
<b>RENEWAL &amp; REPLACEMENT FUND</b>	<b>\$ 16,501,986</b>	<b>\$ 5,770,114</b>	<b>\$ 22,272,100</b>
<b>FUEL TAX FUND</b>	<b>\$ 4,013,347</b>	<b>\$ 1,503,299</b>	<b>\$ 5,516,646</b>
<b>SERVICE PLAZA CAPITAL IMPROVEMENT FUND</b>	<b>\$ 400,000</b>	<b>\$ 1,257,575</b>	<b>\$ 1,657,575</b>
<b>TOTAL 2020 EXPENDITURES</b>	<b><u>\$ 148,185,552</u></b>	<b><u>\$ 29,784,748</u></b>	<b><u>\$ 177,970,300</u></b>

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION  
2020 SYSTEM PROJECTS BUDGET

Estimated Beginning Balance January 1, 2020	\$ 55,350,216
Transfers from 2020 Operating Funds:	\$ 93,173,763
Funds to be carried over to 2021	\$ -
Total 2020 Available Funds	<u>\$ 148,523,979</u>
2020 Expenditures:	
Total Continuing Expenditures from 2019/2020	\$ 38,059,804
New 2020 Projects:	
39 Pavement Repair & Replacement	\$ 32,805,000
43 Bridge Repair and Resurfacing	\$ 9,000,000
45 Signs - New and Replacement	\$ 320,000
58 Toll Plazas - Improvements, Repairs & Replacement	\$ 4,960,615
59 Resurfacing Pavement	\$ 29,400,000
64 Toll System	\$ 10,000,000
70 Correction of Slope Failures	\$ 1,200,000
71 Engineering Consulting Services	\$ 3,525,000
Total 2020 Expenditures on New Projects	<u>\$ 91,210,615</u>
Total 2020 Expenditures	<u>\$ 127,270,219</u>
Uncommitted Funds	\$ 21,253,760
Total 2020 Expenditures and Uncommitted Funds	<u>\$ 148,523,979</u>

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION  
2020 SYSTEM PROJECTS BUDGET

Estimated Beginning Balance January 1, 2020	\$ 55,350,216
Transfers from 2020 Operating Funds:	93,173,763
Funds to be carried over to 2021	-
<b>Total 2020 Available Funds</b>	<b><u>\$ 148,523,979</u></b>

	Future Year Expenditure	2020 Expenditure	2020 Totals
<b>2020 Expenditures:</b>			
<b>Continuing Expenditures from 2019:</b>			
39 MP 149.24 to MP 154.1 EB/WB, Lorain County	\$ -	\$ 95,000	
39 MP 169.74 to MP 176.34 EB/WB, Cuyahoga County		\$ 13,618,500	
43 Bridge Removal (MP 223.0)	\$ -	\$ 1,600,000	
43 Bridge Removal & Deck Replacements (MPs 34.2, 34.5, 35.2)		\$ 5,665,851	
43 Deck Replacements (MPs 71.4, 75.2)	\$ -	\$ 2,000,000	
43 Deck Widen/Replacements (MPs 237.1, 238.2)	\$ -	\$ 1,600,000	
43 Deck Widen/Replacements (MPs 47.4, 47.5)	\$ -	\$ 1,370,695	
64 CSC		\$ 3,900,000	
71 PR/TCS Design	\$ -	\$ 662,681	
Other	\$ -	<u>\$ 5,546,877</u>	
<b>Total Continuing Expenditures from 2019/2020</b>			<b>\$ 36,059,604</b>
<b>New 2020 Projects:</b>			
39 Pavement Replacement			
A. MP 0.0 to MP 7.2 EB/WB, Williams County	\$ 70,400,000	\$ 7,975,000	
B. MP 46.5 to MP 51.4 EB/WB, Fulton & Lucas Counties	\$ 18,700,000	\$ 18,700,000	
C. MP 208.2 to MP 212.8 EB/WB, Trumbull County	\$ 32,476,400	\$ 6,080,000	
D. MP 236.5 to MP 241.26, Mahoning County	\$ 39,632,500	<u>\$ 50,000</u>	
Total			<b>\$ 32,805,000</b>
43 Bridge Repair and Resurfacing			
A. Deck Replacements and Overlay (MPs 161.5, 162.9, 164.4)		\$ 3,100,000	
B. Deck Replacements (MPs 31.4, 38.3, 39.3)		\$ 2,900,000	
C. Deck Replacements/Widening (MPs 222.7, 222.8)	\$ 6,000,000	<u>\$ 3,000,000</u>	
Total			<b>\$ 9,000,000</b>
45 Signs - New and Replacement			
A. Sign Str. Repl. MP 11.25, 12.30, 12.85, 13.25, 13.70, 14.15, 14.65, 15.6		<u>\$ 320,000</u>	
Total			<b>\$ 320,000</b>
58 Toll Plazas - Improvements, Repairs & Replacement			
A. New Mainline Toll Plaza at MP 49.0	\$ 4,685,615	<u>\$ 4,960,615</u>	
Total			<b>\$ 4,960,615</b>
59 Resurfacing Pavement			
A. MP 80.5 to MP 90.02 (All Lanes & Shldr)		\$ 15,000,000	
B. MP 118.0 to MP 127.0 (R,C Lanes & R Shldr)		\$ 9,700,000	
C. TP 180		\$ 2,200,000	
D. MP 215-218 Pavement Repairs & TP 218		<u>\$ 2,500,000</u>	
Total			<b>\$ 29,400,000</b>
64 Toll System			
Toll Collection System	\$ 60,000,000	<u>\$ 10,000,000</u>	
Total			<b>\$ 10,000,000</b>
70 Correction of Slope Failures			
A. MP 132.65		<u>\$ 1,200,000</u>	
Total			<b>\$ 1,200,000</b>
71 Engineering Consulting Services			
Design & Consulting Services			<b>\$ 3,525,000</b>
<b>Total 2020 Expenditures on New Projects</b>			<b><u>\$ 91,210,615</u></b>
<b>Total 2020 Expenditures</b>			<b><u>\$ 127,270,219</u></b>
<b>Uncommitted Funds</b>			<b>\$ 21,253,760</b>
<b>Total 2020 Expenditures and Uncommitted Funds</b>			<b><u>\$ 148,523,979</u></b>

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION  
2020 RENEWAL AND REPLACEMENT BUDGET

Estimated Beginning Balance January 1, 2020	\$ 12,272,100
Transfers from 2020 Operating Funds:	<u>10,000,000</u>
Total 2020 Available Funds	<u>\$ 22,272,100</u>
2020 Expenditures:	
Total Continuing Expenditures from 2019/2020	\$ 2,595,988
New 2020 Projects:	
24 Guardrail – Additions & Replacement	\$ 200,000
25 Patrol Posts	\$ 50,000
26 Roadway Lighting	\$ 215,000
31 Maintenance Equipment	\$ 345,000
32 Maintenance Vehicles	\$ 4,594,000
38 Communications Equipment – New or Replacement	\$ 1,807,000
39 Pavement Repair & Replacement	\$ 300,000
41 Resealing Asphalt Surfaces	\$ 100,000
43 Bridge Repair & Resurfacing	\$ 100,000
48 Administration Building	\$ 50,000
53 Service Plazas	\$ 3,860,000
56 Maintenance Buildings	\$ 590,000
58 Toll Plazas	\$ 230,000
61 Landscaping	\$ 300,000
67 Computer Equipment	\$ 830,000
68 Right-of-Way Fence	\$ 50,000
69 Drainage	\$ 100,000
73 Automotive Equipment – Replacement	\$ 185,000
Total 2020 Expenditures on New Projects	<u>\$ 13,906,000</u>
Total 2020 Expenditures	<u>\$ 16,501,988</u>
Uncommitted Funds	5,770,114
Total 2020 Expenditures and Uncommitted Funds	<u>\$ 22,272,100</u>

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION  
2020 RENEWAL AND REPLACEMENT BUDGET

Estimated Beginning Balance January 1, 2020	\$ 12,272,100
Transfers from 2020 Operating Funds:	10,000,000
<b>Total 2020 Available Funds</b>	<b><u>\$ 22,272,100</u></b>

	2020 Expenditure	2020 Totals
<b>2020 Expenditures:</b>		
Continuing Expenditures from 2019:		
31 Fiall Mowers	\$ 708,574	
31 Sewer Truck	\$ 435,000	
32 Bucket Trucks (2)	\$ 353,012	
54 SP7 Sanitary Force Main	\$ 500,000	
56 Liquid Storage Tanks, Auxiliary Sites	\$ 225,000	
Other	<u>\$ 374,400</u>	
<b>Total Continuing Expenditures from 2019/2020</b>		<b>\$ 2,595,986</b>
New 2020 Projects:		
24 Guardrail – Additions & Replacement		
A. Replacement of Deteriorated Guardrail	<u>\$ 200,000</u>	\$ 200,000
25 Patrol Posts		
A. Misc. Improvements	<u>\$ 50,000</u>	\$ 50,000
Total		
26 Roadway Lighting		
A. Roadway Lighting LED Upgrade, TP 218	<u>\$ 215,000</u>	\$ 215,000
Total		
31 Maintenance Equipment		
See Attached Exhibit "A"		\$ 345,000
32 Maintenance Vehicles		
See Attached Exhibit "A"		\$ 4,594,000
38 Communications Equipment – New or Replacement		
A. Misc. Telecom Hardware	\$ 30,000	
B. 48 VDC Rectifiers and Inverters w/ monitor and power distr.	\$ 125,000	
C. 48 VDC Telecom Battery Replacement (Incl DR Site)	\$ 50,000	
D. Tower Equipment Replacement/Tower Repairs	\$ 35,000	
E. Pelco Camera System - Admin Complex/Data Center	\$ 50,000	
F. Microwave Equipment Removal	\$ 315,000	
G. Toll Plaza Intercom Replacement	\$ 1,000,000	
H. OSHP Lasers - Model 174 Udar (18)	\$ 47,000	
I. OSHP Radars - Model BEE III Ka Band Dual Antenna (17)	\$ 33,000	
J. OSHP Multi-Band Motorola APX7500 w/ smart cable (21)	<u>\$ 122,000</u>	
Total		\$ 1,807,000
39 Pavement Repair & Replacement		
A. Full Depth Pavement Repair	<u>\$ 300,000</u>	
Total		300,000
41 Resealing Asphalt Surfaces		
A. Sealing Paved Areas Located at LCV Lots, Access Roads, and Maintenance Buildings	<u>\$ 100,000</u>	
Total		100,000
43 Bridge Repair & Resurfacing		
A. Miscellaneous Structure Repairs	<u>\$ 100,000</u>	
Total		100,000
48 Administration Building		
A. Misc. Improvements	<u>\$ 50,000</u>	
Total		50,000

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION  
2020 RENEWAL AND REPLACEMENT BUDGET

53	Service Plazas		
	A. SP 4 & SP 6 Damper Actuator Replacements	\$ 60,000	
	B. SP 5 Renovation	<u>\$ 3,800,000</u>	
	Total		\$ 3,860,000
56	Maintenance Buildings		
	A. Misc. Improvements	\$ 100,000	
	B. Upgrade Mechanics Bay HVAC MB-4	\$ 15,000	
	C. Roof Repairs, MB-1	\$ 125,000	
	D. Roof Repairs, MB-3	\$ 225,000	
	E. Roof Repairs, MB-6	<u>\$ 125,000</u>	
	Total		\$ 590,000
58	Toll Plazas		
	A. Misc. Improvements	\$ 100,000	
	B. Misc. TP Communication Room HVAC Upgrades	\$ 80,000	
	C. Communications Room HVAC Upgrade, 161 Backup	<u>\$ 50,000</u>	
	Total		\$ 230,000
61	Landscaping		
	A. Right-of-Way Landscaping	\$ 50,000	
	B. Right-of-Way Clear Cut/Tree Removal	<u>\$ 250,000</u>	
	Total		\$ 300,000
67	Computer Equipment		
	A. PC/Laptop Lifecycle Replacements	\$ 80,000	
	B. Misc. Technology Hardware	\$ 35,000	
	C. Misc. Software	\$ 30,000	
	D. Overhead Scanner Replacement - TP's	\$ 50,000	
	E. Network Management/Monitoring System (NMS)	\$ 25,000	
	F. Hyland OnBase Software, Licensing, & Impl. - Agenda Mgmt	\$ 125,000	
	G. Conference Room Equipment Upgrades - Admin	\$ 160,000	
	H. OSHP Arbitrator Video Server/Storage Replacement	\$ 105,000	
	I. OSHP MCT's (63)	<u>\$ 220,000</u>	
	Total		\$ 830,000
68	Right-of-Way Fence		
	A. Replacement of Right-of-Way Fence	<u>\$ 50,000</u>	
	Total		\$ 50,000
69	Drainage		
	A. Miscellaneous Drainage and Culvert Repairs	<u>\$ 100,000</u>	
	Total		\$ 100,000
73	Automotive Equipment – Replacement		
	A. Replacement of Two (2) Staff SUVs, MY 2015/16	\$ 50,000	
	B. Replacement of Three (3) Staff Sedans, MY 2015/16	\$ 65,000	
	C. Replacement of Two (2) Pool Sedans with Alt. Fuel, MY 2012	<u>\$ 70,000</u>	
	Total		\$ 185,000
	Total 2020 Expenditures on New Projects		\$ 13,906,000
	Total 2020 Expenditures		<u>\$ 16,501,986</u>
	Uncommitted Funds		5,770,114
	Total 2020 Expenditures and Uncommitted Funds		<u>\$ 22,272,100</u>

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION  
2020 CAPITAL BUDGET  
EXHIBIT "A"

31	Replacement of Maintenance Equipment			
	<u>Miscellaneous Maintenance Equipment</u>			
		Purchase of Misc New/Replacement Equipment (>\$1k, <\$10k)	\$	125,000
	<u>Portable Changeable Message Boards</u>			
	8	Replaces Eight (8) 2012 and 2013 Model Year PCMB's	\$ 15,625	\$ 125,000
	<u>Arrow Boards</u>			
	7	Replaces Seven (7) 2013 Model Year Arrow Boards	\$ 4,000	\$ 28,000
	<u>Skid Steer Sweepers</u>			
	2	Replaces One (1) 2010 Model Year 84" Angle Broom and One (1) 2006 Model Year 72" Sweeper	\$ 5,250	\$ 10,500
	<u>Spreader Sprayer</u>			
	1	Purchase One (1) new Spreader Sprayer	\$ 8,000	\$ 8,000
	<u>Truck Mounted Attenuator</u>			
	2	Replaces Eight (8) 2006 and 2010 Model Year Truck Mounted Attenuators	\$ 20,000	\$ 40,000
	<u>Truck Mounted Attenuator Message Board</u>			
	1	Replaces Seven (7) 2010 Model Year Truck Mounted Attenuator Message Boards	\$ 8,500	\$ 8,500
		Total		<u>\$ 345,000</u>
32	Replacement of Maintenance Vehicles			
	<u>Utility Trailers</u>			
	10	Replaces Nineteen (19) 1995 and 1998 Model Year Trailers	\$ 4,000	\$ 40,000
	<u>Snow and Ice Trucks</u>			
	16	Replaces Sixteen (16) 2009 Model Year Snow and Ice Trucks	\$ 235,000	\$ 3,780,000
	<u>Regular Cab Pickup Trucks w/ 3/4 Ton Lift Gates (Assistant Foreman)</u>			
	12	Replaces Twelve (12) 2015 Model Year Trucks	\$ 34,000	\$ 408,000
	<u>Regular Cab 3/4 Ton Pickup Trucks</u>			
	2	Replaces Two (2) 2013 Model Year Trucks	\$ 30,000	\$ 60,000
	<u>Regular Cab 3/4 Ton Pickup Trucks (Landscaper)</u>			
	2	Replaces Two (2) 2014 Model Year Trucks	\$ 32,000	\$ 64,000
	<u>Extended Cab 1/2 Ton Pickup Trucks (Trades Supervisor)</u>			
	2	Replaces Two (2) 2016 Model Year Trucks	\$ 23,000	\$ 46,000
	<u>Extended Cab 1/2 Ton Pickup Trucks (Foreman)</u>			
	8	Replaces Eight (8) 2014 Model Year Trucks	\$ 27,000	\$ 216,000
		Total		<u>\$ 4,594,000</u>
		Grand Total		<u>\$ 4,939,000</u>

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION  
2020 FUEL TAX BUDGET

Estimated Beginning Balance January 1, 2020		\$ 2,192,646
Transfers from 2020 Operating Funds:		3,324,000
Total 2020 Available Funds		<u>\$ 5,516,646</u>
2020 Expenditures:	2020	2020
Continuing Expenditures from 2019:	Expenditure	Totals
40 A. Bridge Painting	\$ 213,347	\$ 213,347
Total Continuing Expenditures from 2019/2020		<u>\$ 213,347</u>
New 2020 Projects:		
40 Repainting Bridges and Towers		
A. MPs 145.9, 147.9, 148.0	\$ 3,800,000	
Total		\$ 3,800,000
Total 2020 Expenditures on New Projects		<u>\$ 3,800,000</u>
Total 2020 Expenditures		<u>\$ 4,013,347</u>
Uncommitted Funds		1,503,299
Total 2020 Expenditures and Uncommitted Funds		<u>\$ 5,516,646</u>

OHIO TURNPIKE AND INFRASTRUCTURE COMMISSION  
2020 SERVICE PLAZA CAPITAL IMPROVEMENT BUDGET

Estimated Beginning Balance January 1, 2020		\$ 1,001,575
Transfers from 2020 Operating Funds:		856,000
Total 2020 Available Funds		<u>\$ 1,857,575</u>
2020 Expenditures:	2020	2020
Continuing Expenditures from 2019:	Expenditure	Totals
53 A. None	\$ -	
TOTAL 2020 EXPENDITURES		<u>\$ -</u>
New 2020 Projects:		
41 Resealing Asphalt Surfaces		
A. Sealing Paved Areas at Service Plazas, SP 1 and 3	\$ 300,000	
Total		\$ 300,000
53 Service Plazas		
A. Misc. Refurbishments	\$ 100,000	
Total		\$ 100,000
Total 2020 Expenditures on New Projects		<u>\$ 400,000</u>
Total 2020 Expenditures		<u>\$ 400,000</u>
Uncommitted Funds		1,257,575
Total 2020 Expenditures and Uncommitted Funds		<u>\$ 1,857,575</u>