

Maine Turnpike Authority DRAFT 4-year Capital Investment Plan (2019-2022)

Total preliminary Construction Value for Project shown in initial year is for project duration. Projects have been listed in each year there are major construction activities with notation regarding funding year. If additional funds are shown in subsequent years, the project is being funded and/or built in phases.

Using 30 Year Asset Model dated 5/11/18

For Board Review & Approval 6/28/2018 and Public Comment July 2018

Year	Mile Marker	Project Name Underpass - Maine Turnpike under local road bridge or trail Overpass - Maine Turnpike on bridge over local road, river, or railroad	Municipality	Preliminary Construction Only Value for Project Not including the Engineering	Preliminary Work Scope	Anticipated Project Duration (Months)	Planning/Design Years	Estimated Year(s) of Construction
2019	0.2 to 1.1	Median Safety Improvements	Kittery	\$2,500,000	Median safety improvements on Turnpike necessary to prepare for Part-time Shoulder Use from Exit 7 in NH to Exit 3 in Maine, being approximately 1 mile, to be coordinated with MaineDOT I-95 Piscataqua River Bridge Repair Project (2019-2021). Scope: Remove existing grass median and guardrail, upgrade drainage to closed drainage system, install median concrete barrier with inside safety shoulders, place bituminous pavement. Timing & phasing pending further study.	36	2018-2020	2019-2022
	1 to 25	Guide Sign Modifications	Kittery, York, Ogunquit, Wells, Kennebunk	\$750,000	Phase 4- Guide sign modifications. Kittery Exits to be coordinated with MaineDOT I-95 Piscataqua River Bridge repair project.	6	2015-2018	2019-2021
	7.3 & 8.8	York Toll Plaza Replacement	York	\$40,000,000 (Funded 2017 & 2018)	Construction of new 15 lane ORT Plaza (9 cash lanes & 6 ORT lanes), building, parking lot and access road from Chase's Pond Road, and related mitigation work. Demolition/removal of existing plaza, building and access road. Pending court and Board decision.	36	2005-2018	2018-2021
	10.6	Mountain Road Underpass Bridge Repair	York	\$372,000	Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials. Likley a 3-4 week bridge closure.	3	2018	2019
	13.8	North Berwick Road Underpass Bridge Repair	Ogunquit	\$394,000	Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials. Likley a 3-4 week bridge closure.	3	2018	2019
	15.2	Ogunquit River Culvert Improvement	Ogunquit	\$50,000	Culvert Repairs.	3	2018	2019
	17.3	Littlefield Road Emergency Vehicle Ramp	Wells	TBD	Improve safety for the traveling public and MTA workers and improve efficiency by improving existing slip ramp to allow plow trucks to reverse direction on local road instead of using center median openings. Will be reviewed with municipal officials.	4	2018	2019
	19	Exit 19/Rt 109 Improvements	Wells	\$670,000	Make Improvements to intersection of Exit 19 & Route 109 in accordance with the 2017 TY Lin Study prepared for the Town, MTA and MaineDOT. Scope includes traffic signals, pavement markings, and signs.	4	2018	2019
	21.4	Merriland River Culvert Repair	Wells	\$25,000	Culvert Repairs.	3	2018	2019
	25.5	Exit 25 Interchange Pavement Rehabilitation	Kennebunk	\$1,450,000	Pavement rehabilitation. Project to be coordinated and likley bid with the Service Plaza parking lot improvements.	3	2018	2019-2020
	25.5	Kennebunk Service Plaza Parking Lot Improvements	Kennebunk	\$5,000,000	Parking Lot improvements and pavement rehabilitation to increase car and truck parking to meet current demands.	24	2018-2019	2019-2020
	25.5	Kennebunk Service Area Fuel System Replacement	Kennebunk	\$4,600,000	Fuel System replacement at Service Plaza. (Summer 2018 bid, Fall 2018 SB and Spring 2019 NB)	6	2017-2018	2018-2019
	25.5	Kennebunk Maintenance Garage	Kennebunk	\$815,000	Extend 16 bays in 2 buildings 15' to allow room to work around plow trucks. Project delayed and bundled due to lack of bids. Being re-bid in 2018 with 4 other locations.	5	2017-2018	2019-2020
	36	36" and 42" Culvert Slipline	Saco	\$230,000	36" culvert slipline and 42" culvert slipline near toll plaza under ramps. Will be bid in 2018.	1	2018	2019
	44.3	Exit 44 Toll Plaza	Scarborough	\$19,000,000 (Funded in 2016)	Construction of an 8 lane ORT Plaza (4 cash lanes & 4 ORT lanes).	30	2015-2016	2016-2019
	44.3 to 51.2	Mainline Pavement Rehabilitation	Scarborough, South Portland, Portland	\$5,400,000	Pavement rehabilitation	4	2018	2019
	44.6	Cummings Road Underpass Bridge Replacement	Scarborough	\$10,122,000 (funded in 2018)	Bridge Replacement - (Bid Fall 2018)	18	2017-2018	2019-2020
	44.9	Exit 45 Interchange Reconstruction	South Portland	\$35,000,000	Replace substandard toll plaza with two new plazas (north bound and south bound) and related ramps, replace existing substandard bridge, and correct geometric deficiencies with consideration of a possible future westerly connection. First phase likely to be a contract for Pre-load. Subject to permits in 2019.	36	2017-2019	2019-2021
	45.5	Crosby Maintenance Garage Improvements	South Portland	\$968,000	Extend 19 bays in 3 buildings 15' to allow room to work around plow trucks. Being bid in 2018 with 4 other locations.	5	2017-2018	2019-2020
	46.7	Stroudwater River Overpass (NB & SB) Bridge Rehabilitation	Portland	\$10,800,000	Bridge Rehabilitation - redeck, replace rail, and widen to maintain 2 lanes of traffic during construction and for future widening of mainline. Schedule subject to permtting.	18	2017-2018	2019-2020
	47.9	MCRR Overpass (NB & SB) Bridge Rehabilitation	Portland	\$8,900,000	Bridge Rehabilitation - redeck, replace rail, and widen to maintain 2 lanes of traffic during construction and for future widening of mainline. Schedule subject to permtting.	18	2016-2018	2019-2020
	49	Warren Avenue Overpass (NB & SB) - PBR Bridge Rehabilitation	Portland	\$11,614,000	Bridge Rehabilitation - Project is to raise substandard under clearance and rehab superstructure. Adding width to current bridge to maintain 2 lanes of traffic during construction of project. Subject to further study. Working with the City of Portland to lower Warren Avenue if possible and cost effective.	24	2017-2019	2019-2020
	50	Riverside Industrial Parkway Emergency Vehicle Ramp	Portland	TBD	Improve safety for the traveling public and MTA workers and improve efficiency by improving existing slip ramp to allow plow trucks to reverse direction on local road instead of using center median openings. Will be reviewed with municipal officials.	4	2018	2019
	58	Cumberland Service Plaza Fuel System Replacement	Cumberland	\$1,550,000	Replace existing underground fuel tanks at Service Plazas likley in fall 2019 & spring 2020.	4	2018	2019-2020
	59	Gray Service Plaza Fuel System Replacement	Gray					
	62.3	Pleasant River Culvert Repair	Gray	\$300,000	Culvert Repair	3	2018	2019
63.3	Gray Maintenance Garage Improvements	Gray	\$408,000	Extend 8 bays 15' to allow room to work around plow trucks. Project delayed and bundled due to lack of bids. Being re-bid in 2018 with 4 other locations.	5	2017-2018	2019-2020	
64.3	Route 26 Underpass Bridge Repair	Gray	\$564,000	Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Bridge raising under review. Traffic impacts including short term closure with a 3-4 week detour likley & timing of other bridge projects in area will be reviewed with municipal officials.	3	2018	2019	
65.25	Cole Brook Culvert Repair	Gray	\$250,033	Culvert Repair	3	2018	2019	

Maine Turnpike Authority DRAFT 4-year Capital Investment Plan (2019-2022)

Total preliminary Construction Value for Project shown in initial year is for project duration. Projects have been listed in each year there are major construction activities with notation regarding funding year. If additional funds are shown in subsequent years, the project is being funded and/or built in phases.

Using 30 Year Asset Model dated 5/11/18

For Board Review & Approval 6/28/2018 and Public Comment July 2018

Year	Mile Marker	Project Name Underpass - Maine Turnpike under local road bridge or trail Overpass - Maine Turnpike on bridge over local road, river, or railroad	Municipality	Preliminary Construction Only Value for Project Not including the Engineering	Preliminary Work Scope	Anticipated Project Duration (Months)	Planning/Design Years	Estimated Year(s) of Construction
2019 Continued	68.6	Bennett Road Emergency Vehicle Ramp	New Gloucester	TBD	Improve safety for the traveling public and MTA workers and improve efficiency by improving existing slip ramp to allow plow trucks to reverse direction on local road instead of using center median openings. Will be reviewed with municipal officials.	3	2018	2019
	72.9	Foster Brook Culvert Repair	Auburn	\$50,000	Culvert Repair	3	2018	2019
	77	Auburn Maintenance Garage Improvements	Auburn	\$255,000	Extend 5 bays 15' to allow room to work around plow trucks. Town consultation in 2018. Being bid in 2018 with 4 other locations.	5	2017-2018	2019-2020
	78.9	Androscoggin River Overpass (NB & SB)	Auburn, Lewiston	Funded in 2018	Bridge Repair - Substructure repairs. Bid in 2018 with Cobbosseecontee River Bridge rehabilitation project.	12	2017	2018-2020
	82.7	Webster Road Underpass	Lewiston	\$320,000	Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials. Likely a 4-6 week bridge closure.	3	2018	2019
	92	Litchfield Maintenance Garage Improvements	Litchfield	\$306,000	Extend 6 bays 15' to allow room to work around plow trucks. Being bid in 2018 with 4 other locations.	5	2017-2018	2019-2020
	95.6	Plains Road Underpass Bridge Repair	Litchfield	\$476,000	Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials. Likely a 4-6 week bridge closure.	3	2018	2019
	99.2	Cobbosseecontee River Overpass (NB & SB) Bridge Rehabilitation	Litchfield	\$4,900,000 (Funded in 2018)	Bridge Rehabilitation - Bid 2018. Widen shoulders only, redeck, substructure repairs. Down to one lane each direction during construction.	24	2017-2018	2018-2020
	102.5	I-295 Southbound Underpass Bridge Rehabilitation	West Gardiner	Funded in 2018	Bridge Rehabilitation - Widen deck and substructure for new deceleration lane, new concrete deck. Build in 2 phases while keeping 2 travel lanes open.	18	2017	2018-2020
	103	West Gardiner I-295 Toll Plaza	West Gardiner	\$21,200,000	New ORT Plaza 800' north of existing toll plaza, 6 cash lanes and 4 ORT lanes proposed.	36	2017-2018	2019-2021
		Roof Replacement	TBD	\$100,000	To be defined.	4	2018	2019
		Bridge Preservation	TBD	\$600,000	Application of clear protective coating to concrete surfaces & other minor repairs.	4	2018	2019
		Clear Zone Improvements & Guardrail	TBD	\$775,000	Guardrail and other work to improve clear zone.	4	2018	2019
		Drainage & Slope Repairs	TBD	\$224,000	To be defined Fall 2018 and winter 2018 for repairs in summer 2019.	4	2018	2019
		Pavement Crack Sealing	TBD	\$100,000	To be defined Fall 2018 and winter 2019 for repairs in summer 2019.	4	2018	2019
		Miscellaneous Culvert Repairs	TBD	\$400,000	Culvert Repairs. Locations to be defined.	4	2018	2019
		Variable Message Signs, CCTV and Communication Center Upgrades	TBD	\$250,000	To be defined.	4	2018	2019
	**2019 Project Engineering & Inspection Annual Budget This amount from 30 yr. plan dated 5/11/18 includes the Planning or Design funds for projects that list 2019 in column titled "Planning/Design Years"	Kittery to Augusta	\$17,648,412	Planned annual budget for general engineering, construction contract development & management, project planning, permitting, design and construction inspection/administration for all projects.	12	2019	-	
TOTAL NEW FUNDING 2019 (includes Engineering)				\$132,814,445				

Maine Turnpike Authority DRAFT 4-year Capital Investment Plan (2019-2022)

Total preliminary Construction Value for Project shown in initial year is for project duration. Projects have been listed in each year there are major construction activities with notation regarding funding year. If additional funds are shown in subsequent years, the project is being funded and/or built in phases.

Using 30 Year Asset Model dated 5/11/18

For Board Review & Approval 6/28/2018 and Public Comment July 2018

Year	Mile Marker	Project Name Underpass - Maine Turnpike under local road bridge or trail Overpass - Maine Turnpike on bridge over local road, river, or railroad	Municipality	Preliminary Construction Only Value for Project Not including the Engineering	Preliminary Work Scope	Anticipated Project Duration (Months)	Planning/Design Years	Estimated Year(s) of Construction
2020	0.2 to 1.1	Median Safety Improvements	Kittery	(Funded in 2019)	Work necessary to prepare for Part-time Shoulder Use from Exit 7 in NH to Exit 3 in Maine, being approximately 1 mile. These median safety improvements will be coordinated with MaineDOT I-95 Piscataqua River Bridge Repair Project (2019-2021). Scope: Remove existing grass median and guardrail, upgrade drainage to closed drainage system, install median concrete barrier with inside safety shoulders, place bituminous pavement (timing & phasing pending further study).	36	2018-2020	2019-2022
	0.2 to 1.1	Shoulder Improvements North Bound & South Bound	Kittery	\$3,000,000	Reconstruct right hand shoulders (northbound and southbound) to be used for future part-time use as a 4th lane from Piscataqua River Bridge to Exit 3 (NB) and Exit 2 (SB). To be coordinated with MaineDOT I-95 Piscataqua River bridge repair project.	6	2018-2020	2019-2022
	1 to 25	Guide Sign Modifications	Kittery, York, Ogunquit, Wells, Kennebunk	(Funded in 2019)	Phase 4- Guide sign modifications. Kittery Exits to be coordinated with MaineDOT I-95 Piscataqua River Bridge repair project.	6	2015-2018	2019-2021
	6.2	Cider Hill Emergency Vehicle Ramp	York	TBD	Improve safety for the traveling public and MTA workers and improve efficiency by improving existing slip ramp to allow plow trucks to reverse direction on local road instead of using center median openings. Will be reviewed with municipal officials.	4	2019	2020
	7.3 & 8.8	York Toll Plaza Replacement	York	\$40,000,000 (Funded 2017)	Construction of new 15 lane ORT Plaza (9 cash lanes & 6 ORT lanes), building, parking lot and access road from Chase's Pond Road, and related mitigation work. Demolition/removal of existing plaza, building and access road. Pending court and Board decision.	36	2005-2018	2017-2021
	17.3	Littlefield Road Underpass Bridge repair	Wells	\$410,000	Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials.	4	2019	2020
	19.9	Burnt Mill Road Emergency Vehicle Ramp	Wells	TBD	Improve safety for the traveling public and MTA workers and improve efficiency by improving existing slip ramp to allow plow trucks to reverse direction on local road instead of using center median openings. Will be reviewed with municipal officials.	4	2019	2020
	25.5	Exit 25 Interchange Pavement Rehabilitation	Kennebunk	(funded in 2019)	Pavement rehabilitation. Project to be coordinated and likely bid with the Service Plaza parking lot improvements.	3	2018	2019-2020
	25.5	Kennebunk Service Area Parking Lot Improvements	Kennebunk	(funded in 2019)	Parking Lot improvements and pavement rehabilitation to increase car and truck parking to meet current demands.	24	2018-2019	2019-2020
	25.5	Kennebunk Maintenance Garage	Kennebunk	(funded in 2019)	Extend 16 bays in 2 buildings 15' to allow room to work around plow trucks. Project delayed and bundled due to lack of bids. Being re-bid in 2018 with 4 other locations.	5	2017-2018	2019-2020
	33.4	Boom Road Underpass Bridge Repair	Saco	\$375,000	Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials.	4	2019	2020
	35.5 to 44.3	Mainline Pavement Rehabilitation	Saco, Scarborough	\$10,700,000	Pavement rehabilitation	5	2019	2020
	44	Exit 44 North Bound Off Ramp	Scarborough	\$2,400,000	Improve safety of Exit 44 north bound off ramp by lengthening & adding second departing lane.	6	2018-2019	2020
	44.6	Cummings Road Underpass Bridge Replacement	Scarborough	See 2019	Bridge Replacement. (Bid Fall 2018)	18	2017-2018	2019-2020
	44.9	Exit 45 Interchange Reconstruction	South Portland	See 2019	Replace substandard toll plaza with two new plazas (north bound and south bound) and related ramps, replace existing substandard bridge, and correct geometric deficiencies with consideration of a possible future westerly connection. Second phase is to build new north bound and south bound toll plaza and ramps and new bridge. Subject to permits in 2019.	36	2017-2019	2019-2021
	45.5	Crosby Maintenance Garage Improvements	South Portland	(funded in 2019)	Extend 19 bays in 3 buildings 15' to allow room to work around plow trucks. Being bid in 2018 with 4 other locations.	5	2017-2018	2019-2020
	46.7	Stroudwater River Overpass (NB & SB) Bridge Rehabilitation	Portland	(funded in 2019)	Bridge Rehabilitation - redeck, replace rail, and widen to maintain 2 lanes of traffic during construction and for future widening of mainline. Schedule subject to permitting.	18	2017-2018	2019-2020
	47.9	MCRR Overpass (NB & SB) Bridge Rehabilitation	Portland	(funded in 2019)	Bridge Rehabilitation - redeck, replace rail, and widen to maintain 2 lanes of traffic during construction and for future widening of mainline. Schedule subject to permitting.	18	2016-2018	2019-2020
	49	Warren Avenue Overpass (NB & SB) Bridge Rehabilitation	Portland	(funded in 2019)	Bridge Rehabilitation - Project is to raise substandard under clearance and rehab superstructure. Adding width to current bridge to maintain 2 lanes of traffic during construction of project. Subject to further study. Working with the City of Portland to lower Warren Avenue if possible and cost effective.	18	2017-2018	2019-2020
	58	Cumberland Service Plaza Fuel System Replacement	Cumberland	(funded in 2019)	Replace existing underground fuel tanks at Service Plazas.	4	2018	2019-2020
	59	Gray Service Plaza Fuel System Replacement	Gray					
	63.3	Gray Maintenance Garage Improvements	Gray	(funded in 2019)	Extend 8 bays 15' to allow room to work around plow trucks. Project delayed and bundled due to lack of bids. Being re-bid in 2018 with 4 other locations.	5	2017-2018	2019-2020
	77	Auburn Maintenance Garage Improvements	Auburn	(funded in 2019)	Extend 5 bays 15' to allow room to work around plow trucks. Town consultation in 2018. Being bid in 2018 with 4 other locations.	5	2017-2018	2019-2020
	78.9	Androscoggin River Overpass (NB & SB)	Auburn, Lewiston	Funded in 2018	Bridge Repair - Substructure repairs. Bid in 2018 with Cobbosseecontee River Bridge rehabilitation project.	12	2017	2018-2020
	83.7	Grove Street Underpass Bridge Raising & Repair	Sabattus	\$402,000 TBD	Raise Bridge & Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials.	5	2019	2020
	92	Litchfield Maintenance Garage Improvements	Litchfield	(funded in 2019)	Extend 6 bays 15' to allow room to work around plow trucks. Being bid in 2018 with 4 other locations.	5	2017-2018	2019-2020
	92.6	Litchfield Mechanic Garage Construction	Litchfield	\$2,500,000	Constructing new 5 Bay mechanics garage at the Litchfield Maintenance.	6	2018-19	2020
	93.3	Route 197 Underpass Bridge Raising & Repair	Litchfield	\$624,000 TBD	Raise bridge. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials. Other bridge repair items to be reviewed.	5	2019	2020
	99.2	Cobbosseecontee River Overpass (NB & SB) Bridge Rehabilitation	Litchfield	\$4,900,000 (Funded in 2019)	Bridge Rehabilitation - Bid Late 2018. Widen shoulders only, redeck, substructure repairs.	24	2017-2018	2018-2020
	102	Exit 102 Gardiner/Litchfield Interchange Underpass Bridge Repair	West Gardiner	\$680,000	Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Raise bridge. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials.	5	2019	2020
102.5	I-295 Southbound Underpass Bridge Rehabilitation	West Gardiner	(Funded in 2018)	Bridge Rehabilitation - Widen deck and substructure for new deceleration lane, new concrete deck. Build in 2 phases while keeping 2 travel lanes open.	18	2017	2018-2020	

Maine Turnpike Authority DRAFT 4-year Capital Investment Plan (2019-2022)

Total preliminary Construction Value for Project shown in initial year is for project duration. Projects have been listed in each year there are major construction activities with notation regarding funding year. If additional funds are shown in subsequent years, the project is being funded and/or built in phases.

Using 30 Year Asset Model dated 5/11/18

For Board Review & Approval 6/28/2018 and Public Comment July 2018

Year	Mile Marker	Project Name Underpass - Maine Turnpike under local road bridge or trail Overpass - Maine Turnpike on bridge over local road, river, or railroad	Municipality	Preliminary Construction Only Value for Project Not including the Engineering	Preliminary Work Scope	Anticipated Project Duration (Months)	Planning/Design Years	Estimated Year(s) of Construction
2020 Continued	103	West Gardiner I-295 Toll Plaza	West Gardiner	\$21,200,000 (Funded 2019)	New ORT Plaza 800' north of existing toll plaza, 6 cash lanes and 4 ORT lane proposed.	36	2017-2018	2019-2021
		Electrical/Mechanical Upgrades	TBD	\$250,000	To be defined.	4	2019	2020
		Bridge Preservation	TBD	\$600,000	Application of clear protective coating to concrete surfaces.	4	2019	2020
		Variable Message Signs, CCTV and Communication Center Upgrades	TBD	\$250,000	To be defined.	4	2019	2020
		Guide Sign Modifications	Kennebunk to West Gardiner	\$350,000	Phase 5- Guide sign modifications - Locations being reviewed. Service Plaza signage to be included.	3	2015-2019	2020
		Drainage & Slope Repairs	TBD	\$469,000	To be defined Fall 2019 and winter 2020 for repairs in summer 2020.	4	2019	2020
		Pavement Crack Sealing	TBD	\$100,000	To be defined Fall 2019 and winter 2020 for repairs in summer 2020.	4	2019	2020
		Clear Zone Improvements & Guardrail	TBD	\$500,000	Guardrail and other work to improve clear zone.	4	2019	2020
	**2020 Project Engineering & Inspection Annual Budget This amount from 30 yr. plan dated 5/11/18 includes the Planning or Design funds for projects that list 2020 in column titled "Planning/Design Years"		Kittery to Augusta	\$13,748,834	Planned annual budget for general engineering, construction contract development & management, project planning, permitting, design and construction inspection/administration for all projects.	12	2020	-
TOTAL NEW FUNDING 2020 (includes Engineering)				\$33,332,834				

Maine Turnpike Authority DRAFT 4-year Capital Investment Plan (2019-2022)

Total preliminary Construction Value for Project shown in initial year is for project duration. Projects have been listed in each year there are major construction activities with notation regarding funding year. If additional funds are shown in subsequent years, the project is being funded and/or built in phases.

Using 30 Year Asset Model dated 5/11/18

For Board Review & Approval 6/28/2018 and Public Comment July 2018

Year	Mile Marker	Project Name <small>Underpass - Maine Turnpike under local road bridge or trail Overpass - Maine Turnpike on bridge over local road, river, or railroad</small>	Municipality	Preliminary Construction Only Value for Project <small>Not including the Engineering</small>	Preliminary Work Scope	Anticipated Project Duration (Months)	Planning/Design Years	Estimated Year(s) of Construction
2021	0.2 to 1.1	Median Safety Improvements	Kittery	(Funded in 2019)	Work necessary to prepare for Part-time Shoulder Use from Exit 7 in NH to Exit 3 in Maine, being approximately 1 mile. These median safety improvements will be coordinated with MaineDOT I-95 Piscataqua River Bridge Repair Project (2019-2021). Scope: Remove existing grass median and guardrail, upgrade drainage to closed drainage system, install median concrete barrier with inside safety shoulders, place bituminous pavement (timing & phasing pending further study).	36	2018-2020	2019-2022
	0.2 to 1.1	Shoulder Improvements North Bound & South Bound	Kittery	(Funded in 2020)	Reconstruct shoulders to be used for future part-time shoulder use as a 4th lane from Exit 2 into NH. To be coordinated with MaineDOT I-95 Piscataqua River bridge repair project.	6	2018-2020	2019-2022
	0.2	Intelligent Transportation System for I-95 Piscataqua River Bridge	Kittery	\$2,500,000	Install intelligent transportation System on High-level Bridge as part of MaineDOT I-95 Piscataqua River Bridge Repair Project for operation of the proposed part-time shoulder as a travel lane during peak traffic periods. Funding shown is portion of overall project and proposed MTA share.	12	2018-2020	2021
	0.6	Dennett Road Overpass Bridge Painting	Kittery	\$936,000	Bridge Painting - Clean and paint steel superstructure.	4	2020	2021
	1 to 25	Guide Sign Modifications	Kittery, York, Ogunquit, Wells, Kennebunk	(Funded in 2019)	Phase 4- Guide sign modifications. Kittery Exits to be coordinated with MaineDOT I-95 Piscataqua River Bridge repair project.	6	2015-2018	2019-2021
	1.25	Route 236 Underpass Bridge Repair	Kittery	\$1,660,000	Bridge Repair - Deck repairs, membrane, and repave. Traffic impacts to be discussed with MaineDOT and Municipal officials. To be coordinated with MaineDOT I-95 bridge repair schedule.	6	2019-2020	2021
	1.6	Ramp H Underpass Bridge Painting	Kittery	\$373,000	Bridge Painting - Clean and paint steel superstructure. To be coordinated with MaineDOT I-95 bridge repair schedule.	4	2020	2021
	2.2	Spruce Creek Overpass Bridge Repair	Kittery	\$692,000	Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. To be coordinated with MaineDOT I-95 bridge repair schedule.	4	2020	2021
	2.2 to 6.8	Mainline Pavement Rehabilitation	Kittery to York	\$5,800,000	Pavement rehabilitation To be coordinated with MaineDOT I-95 bridge repair schedule.	4	2020	2021
	6.8	York Maintenance 5 Bay Building Construction	York	\$1,000,000	New building for additional truck and equipment storage.	6	2019-2020	2021
	7.3 & 8.8	York Toll Plaza Replacement	York	\$40,000,000 (Funded 2017 & 2018)	Construction of new 15 lane ORT Plaza (9 cash lanes & 6 ORT lanes), building, parking lot and access road from Chase's Pond Road, and related mitigation work. Demolition/removal of existing plaza, building and access road. Pending court and Board decision.	36	2005-2018	2018-2021
	13 to 18.7	Mainline Pavement Rehabilitation	York, Ogunquit, Wells	\$7,200,000	Pavement rehabilitation	5	2020	2021
	15.21	Tatnic Road Underpass Bridge Repair	Ogunquit	\$419,000	Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials.	4	2020	2021
	25	Kennebunk Service Plaza Pavement Rehabilitation	Kennebunk	\$1,500,000	Pavement rehabilitation	4	2020	2021
	28.3	Limerick Road Underpass Bridge Repair	Arundel	\$491,000	Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials.	4	2020	2021
	31.6	Exit 32 SB Off Ramp Widening	Biddeford	\$2,400,000	Make improvements to interchange including lengthening southbound deceleration ramp, pending study.	4	2018-2020	2021
	35.7	Exit 36 Saco Interchange South Bound Off Ramp Widening	Saco	\$3,000,000	Add additional ramp lane for southbound off ramp. Pending study.	6	2018-2020	2021
	43 to 49	Median Safety Improvements	Scarborough, South Portland, Portland, Westbrook	\$7,700,000	Funding shown is phase 1- approximately 3 miles. May occur in a later year. Remove existing grass median and guardrail, upgrade drainage to closed drainage system, install median concrete barrier with inside safety shoulders, place bituminous pavement (timing & phasing pending further study).	36	2019-2020	2020-2024
	44 to 49	Mainline Widening Lane Addition (SB Only)	Scarborough, South Portland, Portland	\$28,000,000	Possible extension of 3 lane section north to TBD location north of Exit 48. Scope and timing pending final PAM PAC input, Study team and MTA staff recommendations, Board decision, and permitting.	24	2017-2020	2021-2022
	45 to 49	Mainline Widening Lane Addition (NB Only)						
	44.6	Cummings Road Underpass Bridge Replacement	Scarborough	See 2019	Bridge Replacement - (Bid Fall 2018)	18	2017-2018	2019-2020
	44.9	Exit 45 Interchange Reconstruction	South Portland	See 2019	Replace substandard toll plaza with two new plazas (north bound and south bound) and related ramps, replace existing substandard bridge, and correct geometric deficiencies with consideration of a possible future westerly connection. Second phase to build new north bound and south bound toll plaza and ramps and new bridge continued. Subject to permits in 2019.	36	2017-2019	2019-2021
	45.6	Crosby Maintenance 5 Bay Garage Construction	South Portland	\$1,000,000	New building for additional truck and equipment storage.	6	2019-20	2021
	45 to 48	Guide Sign Replacement	South Portland to Portland	N/A (Funding in Widening Cost)	Reset and replacement of interchange guide signs Exit 45-Exit 48. To be coordinating with mainline widening.	6	2017-2020	2021
58	Cumberland Service Plaza Pavement Rehabilitation	Cumberland	\$400,000	Cumberland Service Plaza Pavement Rehabilitation.	7	2020	2021	
59	Gray Service Plaza Pavement Rehabilitation	Gray	\$400,000	Gray Service Plaza Pavement Rehabilitation.	7	2020	2021	
68.6	Bennett Road Underpass Bridge Repair	New Gloucester	\$420,000	Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Raise bridge 4". Traffic impacts to be discussed with municipality.	5	2020	2021	
89.1	Marsh Road Underpass Bridge Repair	Sabattus	\$397,000	Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Traffic impacts to be discussed with municipality.	5	2020	2021	
103	West Gardiner I-295 Toll Plaza	West Gardiner	\$21,200,000 (Funded 2019)	New ORT Plaza 800' north of existing toll plaza, 6 cash lanes and 4 ORT lane proposed.	36	2017-2018	2019-2021	

Maine Turnpike Authority DRAFT 4-year Capital Investment Plan (2019-2022)

Total preliminary Construction Value for Project shown in initial year is for project duration. Projects have been listed in each year there are major construction activities with notation regarding funding year. If additional funds are shown in subsequent years, the project is being funded and/or built in phases.

Using 30 Year Asset Model dated 5/11/18

For Board Review & Approval 6/28/2018 and Public Comment July 2018

Year	Mile Marker	Project Name Underpass - Maine Turnpike under local road bridge or trail Overpass - Maine Turnpike on bridge over local road, river, or railroad	Municipality	Preliminary Construction Only Value for Project Not including the Engineering	Preliminary Work Scope	Anticipated Project Duration (Months)	Planning/Design Years	Estimated Year(s) of Construction
2021 Continued	103	West Gardiner Service Plaza Pavement Rehabilitation	West Gardiner	\$950,000	West Gardiner Service Plaza Pavement Rehabilitation.	7	2020	2021
		Bridge Preservation	TBD	\$600,000	Application of clear protective coating to concrete surfaces.	4	2020	2021
		Drainage & Slope Repairs	TBD	\$392,000	To be defined Fall 2020 and winter 2021 for repairs in summer 2021.	4	2020	2021
		Clear Zone Improvements & Guardrail	TBD	\$500,000	Guardrail and other work to improve clear zone.	4	2020	2021
		Pavement Crack Sealing	TBD	\$100,000	To be defined Fall 2020 and winter 2021 for repairs in summer 2021.	4	2020	2021
		**2021 Project Engineering & Inspection Annual Budget This amount from 30 yr. plan dated 5/11/18 includes the Planning or Design funds for projects that list 2021 in column titled "Planning/Design Years"		Kittery to Augusta	\$11,049,916	Planned annual budget for general engineering, construction contract development & management, project planning, permitting, design and construction inspection/administration for all projects.	12	2021
TOTAL NEW FUNDING 2021 (includes Engineering)				\$77,379,916				

Maine Turnpike Authority DRAFT 4-year Capital Investment Plan (2019-2022)

Total preliminary Construction Value for Project shown in initial year is for project duration. Projects have been listed in each year there are major construction activities with notation regarding funding year. If additional funds are shown in subsequent years, the project is being funded and/or built in phases.

Using 30 Year Asset Model dated 5/11/18

For Board Review & Approval 6/28/2018 and Public Comment July 2018

Year	Mile Marker	Project Name <small>Underpass - Maine Turnpike under local road bridge or trail Overpass - Maine Turnpike on bridge over local road, river, or railroad</small>	Municipality	Preliminary Construction Only Value for Project <small>Not including the Engineering</small>	Preliminary Work Scope	Anticipated Project Duration (Months)	Planning/Design Years	Estimated Year(s) of Construction
2022	0 to 2.2	Mainline Pavement Rehabilitation	Kittery	\$2,830,000	Pavement rehabilitation. To be coordinated with MaineDOT I-95 bridge repair and part time shoulder use projects.	5	2021	2022
	0.2 to 1.1	Median Safety Improvements	Kittery	(Funded in 2019)	Work necessary to prepare for Part-time Shoulder Use from Exit 7 in NH to Exit 3 in Maine, being approximately 1 mile. These median safety improvements will be coordinated with MaineDOT I-95 Piscataqua River Bridge Repair Project (2019-2021). Scope: Remove existing grass median and guardrail, upgrade drainage to closed drainage system, install median concrete barrier with inside safety shoulders, place bituminous pavement (timing & phasing pending further study).	36	2018-2020	2019-2022
	0.2 to 1.1	Shoulder Improvements North Bound & South Bound	Kittery	(funded in 2020)	Reconstruct shoulders to be used for future part-time shoulder use as a 4th lane from Exit 2 into NH. To be coordinated with MaineDOT I-95 Piscataqua River bridge repair project.	5	2018-2020	2019-2022
	4.8	Beech Ridge Road Bridge Painting	York	\$622,000	Bridge Painting - Clean and paint steel superstructure.	2	2021	2022
	10.6	Mountain Road Underpass Bridge Painting	York	\$365,000	Bridge Painting - Clean and paint steel superstructure.	3	2021	2022
	11.9	Clay Hill Rd Bridge Painting	York	\$474,000	Bridge Painting - Clean and paint steel superstructure.	3	2021	2022
	18.7 to 23.3	Mainline Pavement Rehabilitation	Wells to Kennebunk	\$5,920,000	Pavement rehabilitation	5	2021	2022
	19	B&M Railroad North Bound & South Bound Bridge Repair	Wells	\$1,200,000	Mainline bridge repair. Substructure repairs, deck repairs, membrane, and repave. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials.	3	2021	2022
	19.1	Sanford Road North Bound & South Bound Bridge Repair	Wells	\$910,000	Mainline Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials.	3	2021	2022
	19.3	Wells Interchange North Bound & South Bound Bridges Repair	Wells	\$548,000	Mainline Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials.	3	2021	2022
	35.7	Exit 36 Saco Interchange North Bound On Ramp Widening	Saco	\$2,300,000	Add additional ramp lane for northbound on ramp. Pending Study.	5	2018 - 2021	2022
	35.7	Exit 36 Saco Interchange Pavement Rehabilitation	Saco	\$1,038,175	Pavement rehabilitation.	3	2021	2022
	35.75	Saco Interchange Bridge Over RR Rehabilitation	Saco	\$840,000	Bridge Rehabilitation, includes widening the bridge to accommodate new lane for NB on ramp.	5	2021	2022
	43 to 49	Median Safety Improvements	Scarborough, South Portland, Portland, Westbrook	(funded in 2021)	Funding shown is phase 1- approximately 3 miles. May occur in a later year. Remove existing grass median and guardrail, upgrade drainage to closed drainage system, install median concrete barrier with inside safety shoulders, place bituminous pavement (timing & phasing pending further study).	36	2019-2020	2021-2022
	43 to 49	Median Safety Improvements	Scarborough, South Portland, Portland, Westbrook	\$7,700,000	Funding shown is phase 2- approximately 3 miles. Remove existing grass median and guardrail, upgrade drainage to closed drainage system, install median concrete barrier with inside safety shoulders, place bituminous pavement (timing & phasing pending further study).	24	2017-2021	2022-2023
	44 to 45	Mainline Widening	Scarborough, South Portland, Portland	\$3,200,000	Mainline Widening - Pending Study and Permitting. A continuation of work from 2021.	12	2017-2021	2021-2022
	44.3	I-295 SB Bridge Rehabilitation	Scarborough	\$4,000,000	Bridge Rehabilitation including new deck.	18	2019-2021	2022-2023
	44.5	I-295 Payne Road SB Bridge Rehabilitation	Scarborough	\$3,800,000	Bridge Rehabilitation including new deck.	18	2019-2021	2022-2023
	44.51	I-295 Payne Road NB Bridge Rehabilitation	Scarborough	\$3,800,000	Bridge Rehabilitation including new deck.	18	2019-2021	2022-2023
	62.9	Center Road Bridge Painting	Gray	\$393,000	Bridge Painting - Clean and paint steel superstructure.	3	2021	2022
86.1	Route 9 Bridge Repair	Sabattus	\$540,000	Bridge Repair - Substructure repairs, deck repairs, membrane, and repave. Traffic impacts & timing of other bridge projects in area will be reviewed with municipal officials.	3	2021	2022	

Maine Turnpike Authority DRAFT 4-year Capital Investment Plan (2019-2022)

Total preliminary Construction Value for Project shown in initial year is for project duration. Projects have been listed in each year there are major construction activities with notation regarding funding year. If additional funds are shown in subsequent years, the project is being funded and/or built in phases.

Using 30 Year Asset Model dated 5/11/18

For Board Review & Approval 6/28/2018 and Public Comment July 2018

Year	Mile Marker	Project Name Underpass - Maine Turnpike under local road bridge or trail Overpass - Maine Turnpike on bridge over local road, river, or railroad	Municipality	Preliminary Construction Only Value for Project Not including the Engineering	Preliminary Work Scope	Anticipated Project Duration (Months)	Planning/Design Years	Estimated Year(s) of Construction
2022 Continued	102 & 103	Exit 102 & Exit 103 Pavement Rehabilitation	West Gardiner	\$2,080,000	Pavement rehabilitation	3	2021	2022
		Bridge Preservation	TBD	\$600,000	Application of clear protective coating to concrete surfaces and other needed repair at misc. locations.	4	2021	2022
		Drainage & Slope Repairs	TBD	\$403,000	To be defined Fall 2020 and winter 2021 for repairs in summer 2021.	4	2021	2022
		Clear Zone Improvements & Guardrail	TBD	\$500,000	Guardrail and other work to improve clear zone.	4	2021	2022
		Pavement Crack Sealing	TBD	\$125,000	To be defined Fall 2020 and winter 2021 for repairs in summer 2021.	4	2021	2022
		**2022 Project Engineering & Inspection Annual Budget This amount from 30 yr. plan dated 5/11/18 includes the Planning or Design funds for projects that list 2022 in column titled "Planning/Design Years"		Kittery to Augusta	\$7,825,508	Planned annual budget for general engineering, construction contract development & management, project planning, permitting, design and construction inspection/administration for all projects.	12	2021
TOTAL NEW FUNDING 2022 (includes Engineering)				\$52,013,683				