



Appendix A

Recommended Projects List

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Project List Descriptions

The following pages organize the fiscally constrained projects by county with a map and then a detailed project table. The illustrative projects for the region are included in a single map and table at the conclusion of this section. In addition, all projects can be viewed in an online ArcExperience page at the following website: [Knoxville Regional TPO Mobility Plan 2050](#). In the tables that follow, project details are provided as follows:

- ▶ **KRMP ID** – The Knoxville Regional Mobility Plan ID number is a unique ID to help track projects over the course of Mobility Plan updates and through other TPO processes (e.g., the Transportation Improvement Program). The first two digits represent the year in which the project was first included in a Mobility Plan, and the following three digits indicate the county in which the project is located as follows:
 - 100's – Anderson County/Oak Ridge
 - 200's – Blount County
 - 400's – Loudon County
 - 500's – Sevier County
 - 600's – Knox County
 - 800's and above – indicate an ITS or non-roadway project

- ▶ **Project Name** – Lists the primary project facility involved and possibly a short description of the type of work.
- ▶ **Agency** – Lists the implementing agency, typically the municipal or county government where the project is located or TDOT.
- ▶ **Facility Name** – Lists the facility name on which the project is located.
- ▶ **From** – Lists the approximate beginning termini of the project, typically a major roadway facility or intersection.
- ▶ **To** – Lists the approximate ending termini of the project, typically a major roadway facility or intersection.
- ▶ **Length** – The length of the project in number of miles where applicable. Note that a listing of “N/A” in this column could either mean “not applicable” such as the case of a planning study or “not available” such as the case of a spot intersection or interchange reconstruction project in which the exact roadway segment length affected cannot usually be determined at this stage of project development.

- **Description** – Lists the major scope of work that is being proposed. Further explanation of some of the primary generalized descriptions included in the roadway project list are as follows:
- **Construct New Roadway** (any number of lanes) – Entails constructing a roadway on a new location. Roadways that are envisioned to include full access control are denoted as a “freeway.” The final design will determine the median configuration in terms of either a continuous center turn lane or non-traversable raised median and the accommodation of bicyclists and pedestrians.
 - **Widen Roadway** (from x lanes to y lanes) – Entails addition of motor vehicle capacity through construction of additional through travel lanes on an existing roadway. Multilane facilities will generally include either a non-traversable median or a center turn lane. The final design will determine the median configuration and accommodation of bicyclists and pedestrians through sidewalks and/or bike lanes.
 - **Reconstruct two-lane road** – Entails the improvement of an existing two-lane roadway to bring it up to modern standards in terms of lane and shoulder widths and geometric design chiefly to enhance the safety of the roadway. This may also involve the construction of turn lanes at major intersections necessary for safety to remove stopped vehicles from the travel lanes. The final design will determine the median configuration and accommodation of bicyclists and pedestrians through sidewalks and/or bike lanes.
 - **Add Center Turn Lane** – Entails addition of a continuous two-way left turn lane on an existing undivided roadway of two or more lanes, also usually involves reconstructing the roadway to modern design standards for lane and shoulder width and geometric design. The final design will determine the median configuration and accommodation of bicyclists and pedestrians through sidewalks and/or bike lanes.
 - **Replace Bridge** – Entails the replacement of an existing bridge that has been determined to be structurally deficient. The new bridge may include safety enhancements such as wider lanes and shoulders but will not have more through lanes than the previous structure had unless otherwise noted.
 - **Intersection Improvements** – Entails the modification of a single intersection to improve safety and operations including the possible addition of separate turn lanes, realignment of approaches or traffic signal.

- ▶ **Horizon Year** – Lists the anticipated timeframe for project completion between now and the future horizon year of 2050. In the funding analysis, the TPO looks at project implementation in five-year timeframes spanning the entire planning horizon, or 2025 – 2050. When summarizing this information for the Mobility Plan, projects are grouped into three distinct horizons covering 2025 – 2030, 2031 – 2035, 2036 – 2040, 2041 – 2045 and 2046 – 2050. For example, projects with a horizon year of 2035 are expected to be completed between January 2031 and December of 2035.
- ▶ **Horizon Year Cost** – This is the projected total cost of all phases of the project including both federal (if applicable) and state/local matching funds. This cost has been inflated to the horizon year of implementation. The horizon year cost is derived by taking the current year estimated cost and applying an inflation factor for the number of years until anticipated project implementation.
- ▶ **Proposed Funding Source** – In order to determine fiscal constraint of the Mobility Plan, the TPO must assign a proposed funding source to each project to ensure that total costs would be less than or equal to total revenues. TPO staff proposes funding sources based on the project type and the eligibility restrictions of certain funding categories.

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KRMP ID	HORIZON YEAR	PRIORITY SCORE	PROJECT NAME	PROJECT TYPE	COUNTY	LEAD AGENCY	FACILITY NAME	TERMINI	DESCRIPTION	Horizon Year Cost	Proposed Funding Source	LENGTH MILES
19-604	2026	61.31	Knox County Advanced Traffic Management System - Phase 2	ITS	Knox	Knox County	various	Multiple locations	Continues implementation of County's Advanced Traffic Management Systems (ATMS) which are a component of Intelligent Transportation Systems (ITS) that integrate various technologies specifically related to the traffic signal system to improve overall operations.	\$ 1,587,100	CMAQ	-
21-700	2026	59.26	Smart Trips	Study	Knox	TPO	various	Throughout TPO Planning Area	Continuation of Smart Trips program that encourages alternatives to driving alone through an online ridematching and logging database, incentives, marketing and outreach. Operations funds are used for rideshare	\$ 1,083,250	CMAQ	-
13-858	2026	58.02	Knoxville Northwest Greenway Connector - Phase 2	Bike/Ped	Knox	Knoxville		Middlebrook Pk. at Third Creek Rd. to SR 62 Western Ave. pedestrian	New trail connecting from Middlebrook Pk. at Third Creek Rd. to SR 62 Western Ave. pedestrian bridge. ADA upgrades and pedestrian lighting.	\$ 5,552,664	S-STBG-TA	1.7
24-1000	2026	57.83	Knoxville-Knox County CAC Transit Capital Project	Transit	Knox	Knox County CAC	n/a	Transit Vehicle Purchase	Purchase of demand response transit vehicles for fleet replacement	\$ 390,000	CRP	-
24-1001	2026	57.81	Purchase KAT Vehicles - Fixed Route Buses	Transit	Knox	KAT	n/a	Transit Vehicle Purchase	Purchase of fixed-route buses for fleet replacement or minor expansion)	\$ 8,500,000	CMAQ	-
24-1002	2026	57.81	Purchase KAT Paratransit Vans	Transit	Knox	KAT	n/a	Transit Vehicle Purchase	Transit Capital Purchase - Paratransit van replacement	\$ 600,000	CRP	-
21-801	2026	36.93	Gibbs Schools Pedestrian Bridge	Bike/Ped	Knox	Knox County		near Gibbs schools	Pedestrian Bridge over Tazewell Pk to serve Gibbs Elementary, Middle, and High Schools	\$ 2,902,214	S-STBG-TA	-
13-602	2030	88.95	Traffic Control Equipment Upgrade - Knoxville (Advanced Traffic Management System - Broadway)	ITS	Knox	Knoxville		Jackson Avenue to Colonial Circle	Advanced Traffic Management Systems (ATMS) are a component of Intelligent Transportation Systems (ITS) that integrate various technologies specifically related to the traffic signal system to improve overall operations.	\$ 8,057,509	CMAQ	5.4
17-1006	2030	88.57	Accelerated Bus Corridor Stops/Passenger Information Systems Install	Transit	Knox	Knoxville	N Broadway, portions of Church Ave, Henley St, Garden Dr, Jacksboro Pike, and Essary Dr.	Knoxville Station to N Broadway at Colonial Circle	ABC corridor improvements include Transit Signal Priority (TSP), bus queue jump lanes, new ABC Stations (Standard and Basic), and additional pedestrian improvements along the corridor.	\$ 15,072,381	CMAQ	8.10
19-603	2030	86.43	Traffic Signal Improvements for the U.T. Area (UT ATMS)	ITS	Knox	Knoxville	Varies	Various Routes surrounding UT campus	Includes Advanced Traffic Management Systems (ATMS) which are a component of Intelligent Transportation Systems (ITS) that integrate various technologies specifically related to the traffic signal system to improve overall operations.	\$ 6,674,113	CMAQ	-
17-608a	2030	79.02	Magnolia Avenue Streetscape - Phase 3	Roadway	Knox	Knoxville	Magnolia Ave	N. Bertrand St to N. Kyle St	Construct streetscape improvements in the existing right of way that include raised medians replacing center left-turn lane, signal improvements, bike	\$ 5,921,211	L-STBG	0.2
19-606	2030	78.33	Woodland Ave. Complete Street	Bike/Ped	Knox	Knoxville	Woodland Ave	N. Broadway to Glenwood Ave	Construction of a complete street project on Woodland Avenue from SR-33 to West Glenwood for approximately 0.5 miles. Project will also include bicycle lanes, pedestrian crossing improvements, sidewalks, and other ADA upgrades.	\$ 4,345,278	SS4A	0.5
13-1003	2030	77.40	Chapman Highway Advanced Traffic Management System	ITS	Knox	Knoxville	Chapman Hwy	Mountain Grove Dr to Blount Ave	Advanced Traffic Management Systems (ATMS) are a component of Intelligent Transportation Systems (ITS) that integrate various technologies specifically related to the traffic signal system to improve overall operations	\$ 4,620,926	CMAQ	6.3
24-617	2030	75.60	Traffic Control Equipment Upgrade - Knoxville (Advanced Traffic Management System - Kingston Pike)	ITS	Knox	Knoxville	Kingston Pike (SR-1, US-11)	Huxley Rd to Metron Center Way	Advanced Traffic Management Systems (ATMS) are a component of Intelligent Transportation Systems (ITS) that integrate various technologies specifically related to the traffic signal system to improve overall operations.	\$ 12,626,804	CMAQ	
17-901	2030	74.38	East Knox Greenway	Bike/Ped	Knox	Knoxville		Willow Ave to Knoxville Botanical Gardens	Construct a new shared use path connecting First Creek Greenway to Knoxville Botanical Gardens and Arboretum	\$ 6,036,083	L-STBG	1.3
13-838	2030	71.57	First Creek Greenway - Broadway Streetscape	Bike/Ped	Knox	Knoxville		Woodland Ave to Cecil Ave	Construct a new shared use path extending First Creek Greenway from near Cecil Ave to near Woodland Ave	\$ 6,673,577	SS4A	0.3
21-800	2030	69.86	South Knoxville Bridge Greenway	Bike/Ped	Knox	Knoxville		Anita Dr to Morningside Greenway at Riverside Dr	Construct multi-modal path along James White Pkwy	\$ 4,877,479	CRP	0.6

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09-242	2030	66.90	W Broadway Ave (SR-33/US-411) Improvements	Roadway	Blount	Maryville	W Broadway Ave (SR-33/US-411)	S Cedar St to US 321	Construct additional westbound left turn lane at intersection with Lamar Alexander Pkwy and convert continuous center turn lane to additional westbound through lane along W Broadway Avenue. Project includes construction of new shared use path and other beneficial pedestrian improvements.	\$ 7,630,501	L-STBG	0.5
21-606	2030	65.79	Urban Wilderness Gateway Park	Roadway	Knox	Knoxville		Sevierville Pk to Bridge over TN River	Approximately 1.2 mile realignment of roadway combining all lanes to the existing southbound roadway. Interchange realignment at southern project terminus, southbound realignment at the northern terminus, extension of Gateway Park with a shared-use path that connects N/S project boundary areas and adjacent neighborhood connections.	\$ 25,837,747	RCN	1.2
23-803	2030	63.50	Neyland Drive Pedestrian Connection	Bike/Ped	Knox	Knoxville	SR-1 (Neyland Dr)	Joan Cronan Way to Lake Loudoun Blvd	Design and construction of a sidewalk, with intersection and signal improvements to Neyland Dr/Lake Loudoun Blvd and Joan Cronan Way	\$ 1,399,076	S-STBG-TA	
24-706a	2030	59.74	Travel Congestion & Clean Air Improvement Grouping (Local)	NA	NA	TPO	various	Throughout TPO Planning Area	This grouping will be used to fund projects to reduce traffic congestion and improve air quality throughout the Knoxville TPO planning area. Such projects include diesel engine retrofits, traffic flow improvements, transportation control measures, transit improvements, bicycle and	\$ 6,599,716	CMAQ	-
24-702a	2030	59.26	Pavement Preservation & Resurfacing Program Grouping (Local)	Roadway	NA	TPO	various	Throughout TPO Planning Area	Projects for preservation, rehabilitation, resurfacing and restoration	\$ 6,599,716	L-STBG	-
24-703a	2030	59.26	Safety Improvements Program Grouping (Local)	NA	NA	TPO	various	Throughout TPO Planning Area	Projects that correct or improve a hazardous road location or feature or address a highway safety problem	\$ 6,599,716	L-STBG	-
18-500	2030	58.71	Boyd's Creek Highway (SR 338) at Old Knoxville Highway Intersection Improvements	Roadway	Sevier	Sevierville	Boyd's Creek Highway (SR 338)	Intersection of Boyd's Creek Hwy (SR 338) at Old Knoxville Hwy	Reconfigure existing intersection to improve safety and operations through geometric layout changes, addition of turn lanes, and installation of a new traffic signal.	\$ 1,475,683	L-STBG	-
13-833	2030	56.86	Maryville to Townsend Greenway - Phase 1 (Brown Creek)	Bike/Ped	Blount	Maryville	Maryville/Alcoa Greenway Trail	Harper Ave Trailhead to US 321	Construct a new shared use path between the existing Maryville/Alcoa Greenway at Aluminum Avenue to Lamar Alexander Pkwy along Brown	\$ 4,550,671	L-STBG-TA	1.2
09-625	2030	55.60	Schaad Rd Widening	Roadway	Knox	Knox County	Schaad Rd	Oak Ridge Hwy (SR-62) to Pleasant Ridge Rd	Widen from 2 to 4 lanes with addition of sidewalks	\$ 28,974,589	LOCAL	1.5
10-260	2030	53.86	Foothills Mall Drive Extension - Phase 2	Roadway	Blount	Maryville	Foothills Mall Drive	Foch Street to McCammon Ave	Construct new 2-lane road with turn lanes where needed from Foch St. to McCammon Ave., at Celtic Rd. and Reconstruct McCammon Ave. to an improved 2-lane roadway with curb & gutter to tie in with previous improvements near the Bessemer St. intersection. Project includes a multi-use path on one side throughout.	\$ 7,185,882	L-STBG	0.7
09-615	2030	53.45	Washington Pike	Roadway	Knox	Knoxville	Washington Pk	I-640 to Murphy Rd	Widen from 2-lanes to 3/4-lanes with median/center turn lane and including pedestrian and bicycle facilities.	\$ 31,997,282	L-STBG	1.7
19-100	2030	51.33	Oak Ridge Signal Timing Optimization Program - Phase 3	ITS	Anderson	Oak Ridge	(11) signalized intersections along Illinois Ave (SR 62) and Lafayette Drive	Multiple locations	Continues implementation of City's Advanced Traffic Management Systems (ATMS) which are a component of Intelligent Transportation Systems (ITS) that integrate various technologies specifically related to the traffic signal system to improve overall operations	\$ 3,982,321	CMAQ	3.4
24-705a	2030	49.64	Safety Improvements Program Grouping (TDOT)	NA	NA	TDOT	various	Throughout TPO Planning Area	Projects that correct or improve a hazardous road location or feature or address a highway safety problem.	\$ 12,832,780	HSIP	-
24-621	2030	49.07	Hardin Valley Road Widening	Roadway	Knox	Knox County	Hardin Valley Rd	Near Pellissippi Pkwy to Campbell Station Rd	Widen from 3-lanes to 5-lanes	\$ 18,864,391	LOCAL	2.1
24-704a	2030	47.62	NHS Preservation/Operations Grouping (TDOT)	Roadway	NA	TDOT	various	Throughout TPO Planning Area	Projects for preservation, rehabilitation, resurfacing and restoration of federal aid roadways	\$ 158,071,289	NHPP	-
24-604	2030	47.00	Clinton Hwy at W. Beaver Creek Dr Intersection	Roadway	Knox	TDOT	Clinton Hwy	at W. Beaver Creek Dr Intersection	Intersection realignment includes pavement, ROW purchases, utility relocation signalization	\$ 3,218,741	HSIP	-
23-802	2030	46.71	Norwood Tri-County Blvd. Pedestrian Mobility & Safety Project	Bike/Ped	Anderson	Anderson County	SR-62/SR-61 (East Tri-County Blvd.)	Midway Dr. to Gail Lane	Construct sidewalk from Midway Drive to Gail Lane	\$ 1,032,312	S-STBG-TA	

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13-830	2030	44.86	Oak Ridge Rails to Trails	Bike/Ped	Anderson	Oak Ridge	Abandoned rail line	Melton Lake Rd/Greenway to Scarboro Rd	Construction of a greenway along old rail line along Belgrade Road, Warehouse Road, Fairbanks Road beginning at the intersection of Oak Ridge Turnpike and Elza Gate and terminating at a new trailhead south of Briarcliff	\$ 3,366,568	L-STBG-TA	4.5
13-601	2030	44.05	Union Rd/N Hobbs Rd Reconstruction	Roadway	Knox	Farragut	Union Rd/N. Hobbs Rd	Everett Rd to Kingston Pike (SR-1)	Reconstruct 2-lane road with addition of turn lanes and bicycle/pedestrian facilities	\$ 9,170,996	L-STBG	1.0
18-202	2030	43.93	Blount County Greenway Trail - Phase 1	Bike/Ped	Blount	Blount County		US 321 at NW corner of Helton Rd to Perry's Mill Parking Area	Greenway trail contained completely within US Highway 321 right-of-way from Helton Road to Perry's Mill Parking area. It will also include additional bike access link to Old Walland Highway across Melrose Station Bridge.	\$ 5,514,206	HIP	3.3
24-606	2030	42.43	Lovell Rd (SR-131) at Parkside Dr Intersection	Roadway	Knox	TDOT	Lovell Rd (SR-131)	at Parkside Dr Intersection	Turn Lanes, Restriping, Signal Modifications, Sidewalk and Pedestrian Improvements	\$ 1,753,607	HSIP	-
24-605	2030	39.50	W. Emory Rd (SR-131) at Harrell Rd/Carpenter Rd Intersection	Roadway	Knox	TDOT	W. Emory Rd (SR-131)	at Harrell Rd/Carpenter Rd Intersection	SR-131 at Harrell Rd/Carpenter Rd-Clearing, earthwork, drainage, structure, paving, signing, pavement markings, signalization	\$ 4,154,647	HSIP	-
21-602	2030	39.43	Intersection Improvement at Beaver Ridge Road and West Emory Road	Roadway	Knox	TDOT		Intersection of Beaver Ridge Rd at W. Emory Rd	Installation of turn lanes and signalization at Beaver Ridge Rd and W. Emory Rd in Karns	\$ 2,472,686	State	-
09-652	2030	36.76	I-75 at Emory Rd (SR-131) Interchange	Roadway	Knox	TDOT	I-75 at Emory Rd (SR-131) Interchange	Interchange at Emory Rd (SR-131) - Exit 112	Reconfigure existing interchange to a Diverging Diamond Interchange to improve capacity, safety and operations.	\$ 33,300,000	10-YR Plan/TMA	-
13-215	2030	35.62	Louisville Rd (SR-333/SR-334) Reconstruction - Phase 1	Roadway	Blount	TDOT	Louisville Rd (SR-333)	Louisville Loop Rd to Topside Rd	Reconstruct 2-lane roadway	\$ 17,413,284	State	1.2
23-804	2030	29.05	Powell High School Greenway	Bike/Ped	Knox	Knox County		W Emory Rd to Powell Dr (SR-131)	Construct greenway	\$ 2,234,502	S-STBG-TA	
23-801	2030	27.43	Gibbs Ferry Park	Bike/Ped	Anderson	Anderson County	Gibbs Ferry Park	Gibbs Ferry Park	Gibbs Ferry Park Improvements and Trailhead	\$ 2,393,050	FLAP	
09-630	2030	24.98	Virtue Road/Boyd Station Road Improvements - Phase 2	Roadway	Knox	Farragut	Virtue Rd/Boyd Station Rd	Willow Cove Way to 1200' S of Needlegrass Ln	Reconstruct 2-lane road with addition of turn lanes and bicycle/pedestrian facilities	\$ 10,641,838	L-STBG	1.1
24-610	2035	91.12	Chapman Hwy Segment 1a	Roadway	Knox	TDOT	Chapman Hwy	From Blount Ave to Woodlawn Pk	Add/Improve Multimodal Accommodations (Sidewalk and Multiuse path), Intersection & Drainage Improvements	\$ 29,725,907	SS4A	0.7
24-602	2035	86.33	Broadway/Hall of Fame Intersection Improvement Project	Roadway	Knox	Knoxville	Broadway	Intersection of Broadway and Hall of Fame Dr	Reconstruct and replace existing interchange with a two-lane roundabout. Improve sidewalks connecting to project and add safer pedestrian crossings at approaches to roundabout	\$ 12,589,796	S-STBG	-
24-619	2035	81.74	Kingston Pike Transit Signal Priority	ITS/Transit	Knox	Knoxville	Cumberland Ave./Kingston Pike	Henley St. to N Seven Oaks Dr.	Transit Signal Priority (TSP) improvements along the corridor.	\$ 7,274,104	CMAQ	
24-618	2035	77.40	Chapman Highway Transit Signal Priority	ITS/Transit	Knox	Knoxville	Chapman Hwy	Blount Ave. to Mountain Grove Dr.	Transit Signal Priority (TSP) improvements along the corridor	\$ 2,378,073	CMAQ	
17-608b	2035	74.83	Magnolia Avenue Streetscape - Phase 4	Roadway	Knox	Knoxville	Magnolia Ave	N. Kyle St to Spruce St	Construct streetscape improvements in the existing right of way that include raised medians replacing center left-turn lane, signal improvements, bike lanes, improved sidewalks, bus pull-offs, and amenities	\$ 9,275,217	L-STBG	0.3
21-605	2035	72.62	James White Parkway corridor improvements	Roadway	Knox	Knoxville		Various Routes	Address vehicular, pedestrian, and cyclist needs in local roadway network adjacent to James White Pkwy. Includes: Hillwood Ave from Anita Dr to Island Home Ave, Anita Dr from Sevier Ave to Hillwood Ave and Sevierville Pk from Woodlawn Pk to Sevier Ave	\$ 7,187,854	L-STBG-TA	1.2
17-850	2035	62.90	South Waterfront Greenway - East of Suttree	Bike/Ped	Knox	Knoxville		Suttree Landing Park to Island Home Ave Riverwalk	Construct riverwalk trail connecting the 0.10 mile section of cantilevered riverwalk along Island Home Avenue to Suttree Landing Park riverwalk that is just east of Foggy Bottom Street along the Tennessee River.	\$ 9,861,160	L-STBG-TA	0.6
24-200	2035	62.19	North Hall Road (SR-35) Corridor Improvements	Roadway	Blount	Alcoa	N Hall Rd (SR-35)	Associates Blvd to City Limits (south of Gill St)	Corridor-wide improvements from Hall Road (SR-35) Corridor Study report including spot intersection turn lane additions, bike and pedestrian facilities,	\$ 21,118,124	L-STBG	1.8
17-911	2035	58.02	Tyson Fort Sanders Bike Connection	Bike/Ped	Knox	Knoxville		Fort Sanders Neighborhood to Tyson Park	Construct new shared use path between Fort Sanders Neighborhood and Tyson Park	\$ 9,302,460	CRP	0.5
24-208	2035	57.60	West Bessemer Street Widening	Roadway	Blount	Alcoa	W Bessemer Street	Calderwood Rd to N Hall Rd	Widen from 2 to 5 lane cross section with center turn lane. Includes sidewalk	\$ 20,024,150	L-STBG	0.4

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13-852	2035	57.14	Knoxville South Waterfront Pedestrian/Bicycle Bridge	Bike/Ped	Knox	Knoxville	South Waterfront Pedestrian Bridge	Clancy Ave to UT	Construct a new pedestrian/bicycle bridge over the Tennessee River connecting the South Knoxville Waterfront redevelopment area to the University of Tennessee.	\$ 83,931,973	RAISE	0.3
24-207	2035	56.26	SR-336 (Montvale Road) Improvements from US-321 to Miller Ave.	Roadway	Blount	Maryville	SR-336 (Montvale Road)	From Miller Ave to US 321/SR-73 W Lamar Alexander Pkwy	Widen 0.20 mile section of SR-336 (Montvale Road) from Miller Avenue to SR-73/US-321, including bridge replacements on Montvale Road and Mountain View Avenue, with a new traffic signal at Mountain View Avenue.	\$ 18,817,815	S-STBG	0.2
13-101	2035	54.36	Emory Valley Road at Melton Lake Drive Roundabout	Roadway	Anderson	Oak Ridge	Emory Valley Road at Melton Lake Dr Intersection	Intersection of Emory Valley Rd at Melton Lake Dr	Construct roundabout	\$ 1,589,821	CRP	-
09-637	2035	54.26	Lovell Rd Widening (SR-131)	Roadway	Knox	TDOT	Lovell Rd (SR-131)	Cedardale Ln to Middlebrook Pk	Widen 2-lane to 4-lane, including pedestrian and bicycle facilities.	\$ 49,535,477	L-STBG	1.7
09-689	2035	52.12	Papermill Drive Complete Street	Roadway	Knox	Knoxville	Papermill Dr	Weisgarber Rd to Kingston Pike (SR-1)	Reconstruct 2-lane road with addition of turn lanes and bicycle/pedestrian facilities	\$ 32,173,923	L-STBG	0.6
18-200b	2035	51.90	Alcoa Hwy (SR-115/US-129) ITS Expansion - Phase 2	ITS	Knox	TDOT	Alcoa Hwy (SR-115/US-129)	Topside Rd to Cherokee Trail Interchange	ITS Smartway Geographic Expansion	\$ 3,871,362	NHPP	5.6
21-802	2035	51.00	Adair to Old Broadway Connection	Bike/Ped	Knox	Knoxville		Old Broadway to N Broadway	Construct new multiuse path to connect existing path on Old Broadway to north of Adair Drive	\$ 3,399,958	L-STBG-TA	0.2
09-101b	2035	50.95	Edgemoor Road (SR-170) - East Segment	Roadway	Anderson	TDOT	Edgemoor Rd (SR-170)	Melton Lake Dr to Clinton Hwy (US-25W/SR-9)	Widen from 2-lanes to 4-lanes with median and/or center turn lane. Also includes bicycle/pedestrian facilities and a new bridge over the Clinch River.	\$ 250,600,000	10-YR Plan/TMA	3.6
13-208	2035	50.93	Harvest Lane Extension	Roadway	Blount	Alcoa	Harvest Ln	Existing Harvest Ln terminus to Louisville Rd (SR-334)	Construct new 2-lane road with sidewalks	\$ 3,073,327	L-STBG	0.2
09-212	2035	49.19	Old Knoxville Hwy (SR-33) Roundabout	Roadway	Blount	TDOT	Old Knoxville Hwy (SR-33)	Intersection of SR-33 and Old Knoxville Pike	Construct a Roundabout at the Intersection of East Broadway and Old Knoxville Pike at the Eagleton Ballfield	\$ 4,546,315	L-STBG	-
21-400a	2035	49.19	I-75 Widening	Roadway	Loudon	TDOT	I-75	US-321 (SR-73) at Exit 81 to Junction of I-40 at I-75	Widen 4-lane to 6-lane, may also include Bridge over I-75 NBL, LM 4.51 which is PIN 124480.01, also I-40 from LM 4.11 to 4.73	\$ 97,400,000	10-YR Plan/TMA	3.4
24-607	2035	45.50	Tazewell Pike at Ridgeview and Carter	Roadway	Knox	Knox County	SR-331/Tazewell Pike	SR-331 at Ridgeview Rd and Carter Road	Realignment of Carter Rd and Ridgeview Rd with Tazewell Pike to join them together in a four legged intersection to improve safety and sight distance.	\$ 13,896,964	L-STBG	-
24-401	2035	45.33	Old Hwy 95	Roadway	Loudon	Lenoir City	Old Hwy 95	6th Ave. to Town Creek Pkwy	Reconstruct roadway 1.15 miles to include two twelve foot lanes curb and gutter with drainage improvements. Sidewalks and street lighting will be installed on one side of the street. Intersections along the corridor with have alignments shifted to standard designs.	\$ 7,930,324	L-STBG	1.2
09-101a	2035	44.05	Edgemoor Road (SR-170) - West Segment	Roadway	Anderson	TDOT	Edgemoor Rd (SR-170)	Oak Ridge Hwy (SR-62) to Melton Lake Dr	Widen from 2-lanes to 4-lanes with median and/or center turn lane. Also includes bicycle/pedestrian facilities	\$ 97,200,000	10-YR Plan/TMA	2.6
24-500	2035	43.93	Boyd's Creek Highway (SR 338) at Wade Road (Seymour High School) Turn Lanes	Roadway	Sevier	TDOT	Boyd's Creek Highway (SR 338)	Intersection of Boyd's Creek Hwy (SR 338) at Wade Rd	Restriping a right turn lane on Boyd's Creek Hwy from Wade Rd to the entrance of Seymour High School and installing a westbound left turn lane on Wade Rd	\$ 993,195	Seymour STBG	-
17-403	2035	43.29	Grove Street Improvements	Roadway	Loudon	City of Loudon	Grove St	US-11 to SR-72	Reconstruct, milling, and resurfacing 1.32 mile of roadway with drainage improvements including curb and gutter throughout. Sidewalks repairs and installed with ADA improvements. Intersection improvements at SR72 including turn lanes and intersection improvement downtown at US11.	\$ 8,424,476	L-STBG	1.3
09-257	2035	42.33	Relocated Alcoa Hwy (SR-115/US-129) - Stage 2	Roadway	Blount	TDOT	Relocated Alcoa Hwy (SR-115/US-129)	Proposed Interchange at Tyson Blvd to Existing SR-115 at S. Singleton Station Rd	Construct new 4-lane divided highway with auxiliary lanes and new interchanges at McGhee Tyson Airport access, Wright Rd, Pellissippi Pkwy (SR-162) and Singleton Station Rd. Stage construction including grade, drain, base, pave, signal lighting, ITS, greenway, retaining wall, noise walls and bridges. Project to be constructed in two stages: Stage 1 was let to construction in August 2023. Stage 2 completes tie-ins at existing SR-115 at Tyson Blvd and proposed interchange at Singleton Station Road as well as all remaining work.	\$ 123,400,000	10-YR Plan/TMA	4.9

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KRMP ID	HORIZON YEAR	PRIORITY SCORE	PROJECT NAME	PROJECT TYPE	COUNTY	LEAD AGENCY	FACILITY NAME	TERMINI	DESCRIPTION	Horizon Year Cost	Proposed Funding Source	LENGTH MILES
21-604	2035	41.71	Tazewell Pike and Fairview Road Intersection Realignment	Roadway	Knox	TDOT		Intersection of Tazewell Pk at Fairview Rd	Tazewell Pk and Fairview Rd Intersection Realignment (Intersection improvement with turn lanes and traffic signal)	\$ 2,972,967	L-STBG	-
24-501	2035	41.00	Boyd's Creek Highway (SR 338) at Porterfield Gap Rd Turn Lanes	Roadway	Sevier	TDOT	Boyd's Creek Highway (SR 338)	Intersection of Boyd's Creek Hwy (SR 338) at Porterfield Gap Rd	Adding a turn lane on Boyd's Creek Hwy at the Porterfield Gap Rd intersection	\$ 1,541,865	Seymour STBG	-
22-600	2035	39.50	Everett Road Widening	Roadway	Knox	Knox County	Everett Rd	El Camino Ln to Buttermilk Rd	Widen from 2 to 4 lanes with median and/or center turn lane, including bicycle and pedestrian facilities	\$ 15,387,528	L-STBG	0.8
13-210	2035	37.36	North Park Blvd & Airbase Rd Safety Improvements	Roadway	Blount	Alcoa	Intersection of North Park Blvd/Airbase Rd at Alcoa Hwy (US-129/SR-115)	Intesection of North Park Blvd at Airbase Rd	Realign North Park Boulevard to Airbase Road	\$ 12,686,867	L-STBG	0.3
24-800	2035	37.36	Aspire Park Support Project Greenway Connection	Bike/Ped	Anderson	TDOT	US-25W, Clinch Avenue	From near Carden Farm Drive to near Yarnell Road	Construct Shared use path with grass strip behind curb and gutter	\$ 12,958,846	State	
17-407	2035	36.57	US 11 at Industrial Park Drive Intersection Improvement	Roadway	Loudon	Lenoir City	US 11 at Industrial Park Dr	Intersection of US 11 at Industrial Park Dr	Intersection improvements including turn lanes and new traffic signal	\$ 1,339,737	L-STBG	0.2
21-101	2035	35.79	West End Corridor Intersection Improvements	Roadway	Roane	Oak Ridge	Oak Ridge Turnpike (SR 95)	Renovare Boulevard to Broadberry Avenue at Gallaher Road (SR 58)	Intersection improvements along Oak Ridge Turnpike (SR-95/SR-58) at Renovare Blvd, Novus Dr, Heritage Center Blvd, and Broadberry Ave at Gallaher Rd)	\$ 3,247,847	L-STBG	-
13-214	2035	35.21	Old Lowes Ferry Rd at Louisville Rd (SR-333) Intersection Improvements	Roadway	Blount	Louisville	Intersection of Old Lowes Ferry Rd at Louisville Rd (SR-333)	Instersection of Old Lowes Ferry Rd at Louisville Rd (SR-333)	Realign intersection and add turn lanes	\$ 1,026,221	L-STBG	-
13-218	2035	34.50	Middlesettlements Rd at Miser Station Rd Intersection Improvements	Roadway	Blount	Blount County	Intersection of Middlesettlements Rd at Miser Station Rd	Intersection of Middlesettlements Rd at Miser Station Rd	Realign intersection and add turn lanes	\$ 1,119,093	L-STBG	-
17-416	2035	16.98	Muddy Creek Road Intersection Realignment	Roadway	Loudon	Loudon County	Muddy Creek Rd at Virtue Rd	Intersection of Muddy Creek Rd at Virtue Rd	Realign intersection and add turn lanes.	\$ 2,017,165	L-STBG	0.1
17-608c	2040	86.67	Magnolia Avenue Streetscape - Phase 5	Roadway	Knox	Knoxville	Magnolia Ave	Spruce St to N. Cherry St	Construct streetscape improvements in the existing right of way that include raised medians replacing center left-turn lane, signal improvements, bike lanes, improved sidewalks, bus pull-offs, and amenities	\$ 16,283,351	L-STBG	0.4
24-620	2040	78.43	Magnolia Ave. Transit Signal Priority	ITS/Transit	Knox	Knoxville	Magnolia Ave	N Hall of Fame Dr. to N Cherry St.	Transit Signal Priority (TSP) improvements along the corridor	\$ 1,179,943	CMAQ	
24-706b	2040	59.74	Travel Congestion & Clean Air Improvement Grouping (Local)	NA	NA	TPO	various	Throughout TPO Planning Area	This grouping will be used to fund projects to reduce traffic congestion and improve air quality throughout the Knoxville TPO planning area. Such	\$ 14,878,570	CMAQ	-
09-654	2040	59.26	I-75/I-640/I-275 Interchange	Roadway	Knox	TDOT	I-75/I-640/I-275 Interchange	Interchange at I-640/I-275/75 - Exit 3	Interchange reconstruction along with the addition of auxiliary lanes in each direction on I-75.	\$ 523,000,000	10-YR Plan/TMA	0.6
24-702b	2040	59.26	Pavement Preservation & Resurfacing Program Grouping (Local)	Roadway	NA	TPO	various	Throughout TPO Planning Area	Projects for preservation, rehabilitation, resurfacing and restoration	\$ 2,000,000	L-STBG	-
24-703b	2040	59.26	Safety Improvements Program Grouping (Local)	NA	NA	TPO	various	Throughout TPO Planning Area	Projects that correct or improve a hazardous road location or feature or address a highway safety problem	\$ 3,000,000	L-STBG	-
24-209	2040	57.38	Realignment of SR-35 / US-411 (Sevierville Road)	Roadway	Blount	Maryville	Sevierville Road / US-411 SR-35	500 ft W of Washington St along US 321/SR-73 to Walnut St	Construction of 2640 ft.(0.50 mi.) of new roadway on new alignment to realign Sevierville Road to become the fourth leg of the signalized intersection with US-321 / SR-73 Lamar Alexander Parkway.	\$ 28,023,513	S-STBG	0.5
13-855	2040	57.07	First Creek Greenway - North Knox	Bike/Ped	Knox	Knoxville		Edgewood Park to Mineral Springs Ave	Construct a new shared use path along First Creek connecting Edgewood Park to the proposed First Creek Greenway - Old Broadway segment at Mineral Springs Avenue	\$ 5,381,273	L-STBG-TA	1.3
24-203	2040	55.90	US-129 Interchange Reconstruction at US-411/SR-33	Roadway	Blount	Maryville	US-129 Bypass/SR-115	From West of Montgomery Ln to S of Mall Rd	Removal of the existing, grade-separated rural interchange between US-129/SR-115 at US-411/SR-33. Reconstruct a conventional, four-leg, urban, at-	\$ 26,087,778	NHPP	-
09-691	2040	51.62	I-40/75 Widening	Roadway	Knox	Farragut	I-40/75	I-40/75 Interchange to Campbell Station Rd Interchange	Widen from 6 to 8 lanes	\$ 60,239,768	NHPP	5.3

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09-629	2040	51.14	Interchange of I-40/75 at Campbell Station	Roadway	Knox	TDOT	Interchange of I-40/75 at Campbell Station Rd	Interchange at Campbell Station Rd	Reconstruct existing interchange to a diverging diamond with new alignment to improve capacity, safety and operations. Project includes widening of Campbell Station Road through the interchange from 3 through lanes to 5	\$ 202,275,925	NHPP	0.4
10-700	2040	49.74	Campbell Station Rd Improvements	Roadway	Knox	Knox County	Campbell Station Road	I-40 to Hardin Valley Road	Widening and realignment of Campbell Station Rd from I-40 to Hardin Valley Rd	\$ 41,484,726	L-STBG	3.3
24-705b	2040	49.64	Safety Improvements Program Grouping (TDOT)	NA	NA	TDOT	various	Throughout TPO Planning Area	Projects that correct or improve a hazardous road location or feature or address a highway safety problem.	\$ 28,930,552	HSIP	-
24-704b	2040	47.62	NHS Preservation/Operations Grouping (TDOT)	Roadway	NA	TDOT	various	Throughout TPO Planning Area	Projects for preservation, rehabilitation, resurfacing and restoration of federal aid roadways	\$ 162,211,616	NHPP	-
09-651	2040	46.62	I-40/I-75/Watt Rd Interchange	Roadway	Knox	TDOT	I-40 at Watt Rd Interchange	Interchange at Watt Rd	Reconstruct existing interchange to a Single Point Urban Interchange(SPUI) to improve capacity, safety and operations. Project includes widening of Watt Rd through the interchange from 3-lanes to 4-lanes plus turn lanes between Palestine Ln and Everett Rd	\$ 61,800,000	10-YR Plan/TMA	0.5
09-232	2040	41.24	Pellissippi Pkwy (SR-162) Extension	Roadway	Blount	TDOT	Pellissippi Pkwy (SR-162)	Old Knoxville Hwy (SR-33) to Lamar Alexander Pkwy (US-321/SR-73)	Construct new 4-lane highway	\$ 338,500,000	10-YR Plan/TMA	4.4
09-216	2040	40.57	Alcoa Hwy (SR-115/US-129) Widening	Roadway	Blount	TDOT	Alcoa Hwy (SR-115/US-129)	Pellissippi Pkwy (SR-162) to south of Little River	Reconstruct SR-115 from 4-lanes to 6-lanes, including a frontage road system with two new interchanges at Singleton Station Road and Topside Road (SR-333), modify the existing SR-115 and SR-162 interchange, and construct a multi-use path. Includes ITS expansion.	\$ 155,962,310	NHPP	2.7
09-649	2040	40.07	Pellissippi Pkwy (SR-162)/Oak Ridge Hwy Interchange	Roadway	Knox	TDOT	Pellissippi Pkwy (SR-162)/Oak Ridge Hwy Interchange	Interchange at Oak Ridge Hwy (SR-62) to	Reconstruct interchange to a Single Point Urban Interchange and provide connection to Solway Rd	\$ 65,534,126	NHPP	0.5
24-608	2040	39.12	Harvey Road Realignment and Railroad Overpass	Roadway	Knox	Knox County	Harvey Rd	Harvey at Sanderling Ln to McFee at Red Poppy Dr	Overpass connecting Harvey Rd to Mcfee Rd.	\$ 19,595,480	L-STBG	0.2
09-658	2045	65.17	Northshore Drive at Kingston Pike Intersection Improvements	Roadway	Knox	TDOT	Northshore Dr at Kingston Pk	Intersection of Northshore Dr at Kingston Pk	Intersection improvements including additional turn lanes and sidewalk extensions. Replace bridge over Fourth Creek on Kingston Pike.	\$ 34,724,519	NHPP	0.5
24-201	2045	58.71	Foch Street Improvements	Roadway	Blount	Maryville	Foch Street	Foothills Mall Dr to US 321/SR-73 (W Lamar Alexander Pkwy)	Re-align Foch Street to the signalized intersection with US-321 and connect Home Avenue at a "T" intersection. Improve roadway with auxiliary turn	\$ 3,871,637	L-STBG	0.5
24-205	2045	52.31	Home Avenue Widening	Roadway	Blount	Maryville	Home Ave	McCammon Ave to Foch St	Widen 0.4 mile (2,300 ft.) of Home Avenue to 2-12 ft lanes with auxiliary turn lanes where needed with concrete curb & gutter and sidewalk on both sides from McCammon Avenue to Foch Street.	\$ 3,421,447	L-STBG	0.4
09-638	2045	44.07	Oak Ridge Hwy (SR-62)	Roadway	Knox	TDOT	Oak Ridge Hwy (SR-62)	Schaad Rd to Byington Beaver Ridge Rd	Widen from 2 to 4 lanes	\$ 120,964,099	NHPP	4.2
09-213	2045	43.57	Old Niles Ferry Road Reconstruction	Roadway	Blount	Blount County	Old Niles Ferry Rd	Calderwood Hwy (SR-115) to Maryville City Limits	Reconstruct 2-lane road with addition of turn lanes	\$ 22,100,625	L-STBG	3.3
09-202	2045	42.79	Robert C Jackson Dr Extension - Phase I	Roadway	Blount	Alcoa	Robert C. Jackson Dr	Middlesettlements Rd to Louisville Rd (SR-334)	Construct new 4-lane roadway	\$ 32,036,420	L-STBG	0.7
09-209	2045	34.36	Ellejoy Rd Reconstruction	Roadway	Blount	Blount County	Ellejoy Road	River Ford Road to Jeffries Hollow Road	Reconstruct 2-lane road with addition of turn lanes	\$ 35,545,757	L-STBG	3.7
21-601	2050	94.05	I-40 Westbound Interchange at I-275	Roadway	Knox	TDOT	I-40	I-275 to Near I-640	Interchange access improvements and extension of two existing lanes from US129 entrance ramp to WB mainline such that one lane continues through on I-40 mainline	\$ 161,389,113	NHPP	2.0
24-611	2050	83.12	Chapman Hwy Segment 1b	Roadway	Knox	TDOT	Chapman Hwy	Woodlawn Pk N to Fronda Ln	Add/Improve Multimodal Accommodations (Sidewalk and Multiuse path), Intersection & Drainage Improvements	\$ 32,577,259	NHPP	1.1
17-202	2050	61.81	US 129 Widening	Roadway	Blount	TDOT	US-129 (SR-115)	Hall Rd (SR-35) to US 321	Widen from 4 to 6 lanes	\$ 64,498,818	NHPP	2.9

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24-706c	2050	59.74	Travel Congestion & Clean Air Improvement Grouping (Local)	NA	NA	TPO	various	Throughout TPO Planning Area	This grouping will be used to fund projects to reduce traffic congestion and improve air quality throughout the Knoxville TPO planning area. Such projects include diesel engine retrofits, traffic flow improvements, transportation control measures, transit improvements, bicycle and pedestrian facilities and programs, travel demand management, alternative fuels and vehicles, and other activities that accomplish these objectives. Projects are required to be non-regionally significant, environmentally neutral, exempt from air quality conformity requirements, and located in the metropolitan planning area.	\$ 21,604,027	CMAQ	-
24-702c	2050	59.26	Pavement Preservation & Resurfacing Program Grouping (Local)	Roadway	NA	TPO	various	Throughout TPO Planning Area	Projects for preservation, rehabilitation, resurfacing and restoration	\$ 21,604,027	L-STBG	-
24-703c	2050	59.26	Safety Improvements Program Grouping (Local)	NA	NA	TPO	various	Throughout TPO Planning Area	Projects that correct or improve a hazardous road location or feature or address a highway safety problem	\$ 21,604,027	L-STBG	-
24-612	2050	58.57	Chapman Hwy Segment 2	Roadway	Knox	TDOT	Chapman Hwy	Fronza Ln to Colonial Dr	Widen to add Center Turn Lane, Add Multiuse Path, Drainage & Intersection Improvements	\$ 35,158,189	NHPP	1.5
09-220	2050	57.40	Home Avenue Extension	Roadway	Blount	Alcoa	Home Ave	McCammon Ave to Calderwood St	Construct new 2-lane road with center turn lane to extend Home Ave through existing shopping center to Calderwood St	\$ 15,937,248	L-STBG	0.2
09-647	2050	56.12	Pellissippi Pkwy (SR-162)	Roadway	Knox	Knox County	Pellissippi Pkwy (SR-162)	Edgemoor Rd (SR-170) to Dutchtown Rd	Corridor safety and capacity improvements to include access control, interchange reconstruction, frontage roads, additional/auxiliary lanes and provision for a shared use path	\$ 223,472,777	NHPP	6.0
13-603	2050	54.38	I-40/75 Auxiliary Lanes	Roadway	Knox	TDOT	I-40/75	Campbell Station Rd Interchange to Lovell Rd Interchange	Construct eastbound and westbound auxiliary lanes between interchanges	\$ 28,232,809	NHPP	1.4
24-615	2050	51.98	Chapman Hwy Segment 5	Roadway	Knox	TDOT	Chapman Hwy	Nixon Rd to Mountain Grove Dr	Add Multimodal Accommodations (Sidewalk and Multiuse path), Intersection & Drainage Improvements	\$ 26,983,093	NHPP	1.2
24-614	2050	51.55	Chapman Hwy Segment 4	Roadway	Knox	TDOT	Chapman Hwy	Chapman Ford Crossing to Nixon Rd	Widen to add Center Turn Lane, Add Multiuse Path, Drainage & Intersection Improvements	\$ 22,006,832	NHPP	1.1
21-400c	2050	51.52	I-75 Widening (Loudon) - Segment 3	Roadway	Loudon	TDOT	I-75	SR-72 (Exit 72) to Sugar Limb Rd (SR-324) at Exit 76	Widen 4-lane to 6-lane	\$ 168,393,344	NHPP	5.5
24-705c	2050	49.64	Safety Improvements Program Grouping (TDOT)	NA	NA	TDOT	various	Throughout TPO Planning Area	Projects that correct or improve a hazardous road location or feature or address a highway safety problem.	\$ 42,007,831	HSIP	-
24-613	2050	49.48	Chapman Hwy Segment 3	Roadway	Knox	TDOT	Chapman Hwy	Colonial Dr to Chapman Ford Crossing	Widen to add Center Turn Lane, Add Multiuse Path & Sidewalk, Drainage & Intersection Improvements	\$ 22,310,102	NHPP	0.8
24-704c	2050	47.62	NHS Preservation/Operations Grouping (TDOT)	Roadway	NA	TDOT	various	Throughout TPO Planning Area	Projects for preservation, rehabilitation, resurfacing and restoration of federal aid roadways	\$ 45,226,432	NHPP	-
24-616	2050	43.98	Chapman Hwy Segment 6	Roadway	Knox	TDOT	Chapman Hwy	Mountain Grove Dr to Hendron Chapel Dr	Widen to add Center Turn Lane, Drainage & Intersection Improvements	\$ 15,387,641	NHPP	0.8
18-600	2050	43.95	I-75 ITS Expansion	ITS	Knox	TDOT	I-75	MM 109.6 to SR-61 (Exit 122)	ITS expansion includes the deployment of CCTV cameras at critical interchanges. Install power and communications infrastructure and at Least	\$ 11,365,430	NHPP	13.0
09-673	2050	43.81	Oak Ridge Hwy (SR-62)	Roadway	Knox	Knox County	Oak Ridge Hwy (SR-62)	Byington Beaver Ridge Rd (SR-131) to Pellissippi Pkwy (SR-162)	Widen from 2 to 4 lanes	\$ 116,893,452	NHPP	4.2
24-210	2050	42.38	Chapman Hwy Segment 7	Roadway	Sevier	TDOT	Chapman Hwy	Burnett Station Rd / Old Sevierville Pk to Macon Ln	Widen to add Center Turn Lane, Drainage & Intersection Improvements	\$ 21,716,748	NHPP	1.0
21-400d	2050	41.88	I-75 Widening (Loudon) - Segment 4	Roadway	Loudon	TDOT	I-75	Sugar Limb Rd (SR-324) at Exit 76 to SR-311 (SR-73) at Exit 81	Widen 4-lane to 6-lane	\$ 146,854,661	NHPP	4.8
09-207	2050	41.36	Wrights Ferry Road Center Turn Lane Improvements	Roadway	Blount	Alcoa	Wrights Ferry Road	Airbase Rd to Topside Rd	Reconstruct 2-lane road with addition of continuous center turn lane and bicycle/pedestrian facilities	\$ 33,652,989	L-STBG	1.4
09-692	2050	39.69	I-75 Widening	Roadway	Knox	TDOT	I-75	Emory Rd (SR-131) to Raccoon Valley Rd (SR-170)	Widen from 4 to 6 lanes	\$ 341,531,186	NHPP	4.9

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19-605	Illustrative	86.31	Middlebrook Pike Complete Street	Bike/Ped	Knox	Knoxville	Middlebrook Pk	Western Ave to Proctor St	Install protected bicycle facilities, improve sidewalks and upgrade bike/pedestrian treatments at three intersections. Project connects existing bike/ped facilities on University Avenue to the greenway on Middlebrook	\$ -	L-STBG-TA	0.9
21-600	Illustrative	63.74	Magnolia Ave/Rutledge Pike/Asheville Hwy Interchange Improvements	Roadway	Knox	TDOT		Intersection of Magnolia Ave/Rutledge Pk/Asheville Hwy	Construct interchange improvements to consist of intersection improvements, bike lanes and enhanced sidewalks	\$ -	S-STBG	-
09-262	Illustrative	58.55	Montvale Rd (SR-336) Widening	Roadway	Blount	TDOT	Montvale Road (SR-336)	Montvale Station Rd to US 321	Widen existing roadway to 2 - 12 foot travel lanes with a 12 foot center turn lane including curb and gutter, sidewalk and a multiuse path. Close SR-73 EB and WB access to Highland Ave. to construct EB right-turn lane near Highland Ave.	\$ -	S-STBG	0.6
13-203	Illustrative	52.36	Robert C Jackson Dr Extension - Phase 2	Roadway	Blount	Alcoa	Robert C. Jackson Dr	Louisville Rd (SR-334) to US 129 Bypass (SR-115)	Construct new 4-lane roadway and grade separated interchange connecting US-129 and Associates Boulevard	\$ -	L-STBG	0.5
09-234	Illustrative	49.86	Wildwood Rd Reconstruction	Roadway	Blount	Blount County	Wildwood Road	Maryville City Limits to Sevierville Rd	Reconstruct 2-lane road with addition of turn lanes	\$ -	L-STBG	6.1
09-248	Illustrative	48.38	Topside Road (SR-333) Improvements	Roadway	Blount	TDOT	Topside Rd (SR-333)	Wrights Ferry Rd to Alcoa Hwy (SR-115/US-129)	Reconstruct 2-lane road with addition of continuous center turn lane and bicycle/pedestrian facilities	\$ -	S-STBG	2.2
09-646	Illustrative	48.12	Northshore Dr (SR-332)	Roadway	Knox	Knox County	Northshore Dr (SR-332)	Pellissippi Pkwy (SR-162) to Concord Rd (SR-332)	Reconstruct 2-lane road with addition of turn lanes and bicycle/pedestrian facilities	\$ -	S-STBG	4.5
21-603	Illustrative	47.50	Strawberry Plains Pike Improvements	Roadway	Knox	Knox County	Strawberry Plains Pike	I-40 to Gov. John Sevier Highway	Widening of Strawberry Plains Pk from Governor John Sevier Hwy to I-40)	\$ -	L-STBG	3.4
09-244	Illustrative	46.36	Peppermint Rd Intersection Reconstruction	Roadway	Blount	Blount County	Peppermint Road	Peppermint Rd at Sevierville Rd Intersection	Reconstruct Intersection of Peppermint Road and Sevierville Road with the proper Turn Lanes.	\$ -	L-STBG	-
09-680	Illustrative	46.36	Northshore Drive Improvements	Roadway	Knox	Knox County	Northshore Drive	Concord Rd to Harvey Road	Widen from 2 to 4-lanes	\$ -	L-STBG	3.6
24-400	Illustrative	45.76	Simpson Road	Roadway	Loudon	Lenoir City	Simpson Rd	US 321 to Old Hwy 95	Reconstruct roadway 0.45 miles to include two twelve foot lanes curb and gutter with drainage improvements	\$ -	L-STBG	0.5
09-645	Illustrative	45.62	Northshore Dr (SR-332)	Roadway	Knox	Knox County	Northshore Dr (SR-332)	Morrell Rd to Ebenezer Rd	Reconstruct 2-lane road with addition of turn lanes and bicycle/pedestrian facilities	\$ -	S-STBG	3.5
24-204	Illustrative	44.86	Marilyn Road Extension	Roadway	Blount	Alcoa	Marilyn Road	Current termini to Davies St	Road Way extension to connect to Hall Community	\$ -	L-STBG	0.1
09-249	Illustrative	44.57	Montvale Rd (SR-336) Reconstruction	Roadway	Blount	TDOT	Montvale Road (SR-336)	Six Mile Rd to Blockhouse Rd	Reconstruct 2-lane road with addition of turn lanes	\$ -	S-STBG	1.6
24-609	Illustrative	44.26	W Emory Rd Widening	Roadway	Knox	TDOT	W. Emory Rd	Clinton Hwy to Karns Valley Dr	Widen W Emory Rd from 2 lanes to 5 lanes (with a TWLTL) with multimodal facilities from the intersection with Clinton Highway through to Karns Valley Dr.	\$ -	S-STBG	4.4
21-400b	Illustrative	43.50	I-75 Widening (Loudon) - Segment 2	Roadway	Loudon	TDOT	I-75	Pond Creek Rd (SR-323) at Exit 68 to SR-72 (Exit 72)	Widen 4-lane to 6-lane	\$ -	NHPP	2.4
09-643	Illustrative	43.10	Emory Rd (SR-131)	Roadway	Knox	TDOT	Emory Rd (SR-131)	Maynardville Hwy (SR-33) to Tazewell Pk (SR-331)	Widen from 2 to 4 lanes with median and/or center turn lane, including bicycle and pedestrian facilities	\$ -	S-STBG	4.8
09-644	Illustrative	43.02	Gov John Sevier Hwy (SR-168)	Roadway	Knox	Knox County	Gov John Sevier Hwy (SR-168)	Alcoa Hwy (SR-115/US-129) to Chapman Hwy (US-441/SR-71)	Widen from 3 to 4-lane divided roadway	\$ -	S-STBG	6.5
24-202	Illustrative	42.50	Centennial Park Blvd Extension	Roadway	Blount	Alcoa	Centennial Park Blvd	Tesla Blvd to Faraday Street	Construct new two lane boulevard	\$ -	L-STBG	0.3
09-229	Illustrative	42.36	Morganton Rd Reconstruction - Phase 2	Roadway	Blount	Blount County	Morganton Rd	Walker Rd to William Blount Drive (SR-335)	Reconstruct 2-lane roadway with addition of turn lanes	\$ -	L-STBG	3.3
24-601	Illustrative	39.62	Northshore Drive & Westland Drive/Lyons View Pike Roundabout	Roadway	Knox	Knoxville	Northshore Dr	Intersection of Northshore Drive & Westland Drive/Lyons View Pike	Convert signalized intersection to a two-lane roundabout; construct islands with crosswalks and warning signage on all approaches. Includes sidewalk connection to existing sidewalks & greenway path.	\$ -	CRP	-
09-221	Illustrative	39.14	Burnett Station Rd Reconstruction	Roadway	Blount	Blount County	Burnett Station Road	Sevierville Road/SR 35/US 411 to Chapman Highway/SR 71/US 441	Reconstruction of 2-lane road with addition of turn lanes	\$ -	L-STBG	4.4

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KRMP ID	HORIZON YEAR	PRIORITY SCORE	PROJECT NAME	PROJECT TYPE	COUNTY	LEAD AGENCY	FACILITY NAME	TERMINI	DESCRIPTION	Horizon Year Cost	Proposed Funding Source	LENGTH MILES
13-216	Illustrative	39.05	Louisville Rd (SR-333) Reconstruction - Phase 2	Roadway	Blount	Louisville	Louisville Rd (SR-333)	Topside Rd to Old Lowes Ferry Rd	Reconstruct 2-lane road with addition of turn lanes	\$ -	S-STBG	2.9
24-402	Illustrative	38.57	Highland Park Dr	Roadway	Loudon	Lenoir City	Highland Park Dr	US 321 to SR-2/US 11	Reconstruct roadway 0.26 miles to include two twelve foot lanes curb and gutter with drainage improvements	\$ -	L-STBG	0.3
24-206	Illustrative	38.29	Sam Houston School Rd Widening	Roadway	Blount	Alcoa	Sam Houston School Rd	SR-33 to Wildwood Rd	Roadway widening to add center turn lane and intersection Improvements	\$ -	L-STBG	2.7
21-206	Illustrative	38.14	Morganton Road - Phase 4	Roadway	Blount	Blount County	Morganton Rd	Henry Lane to Loudon County Line	Reconstruct 2-lane roadway with addition of turn lanes	\$ -	L-STBG	2.4
09-227	Illustrative	37.64	Mentor Rd Reconstruction	Roadway	Blount	Louisville	Mentor Road	Louisville Road/SR 334 to Wrights Ferry Road	Reconstruct 2-lane roadway with addition of turn lanes	\$ -	L-STBG	3.2
21-205	Illustrative	37.21	Morganton Road - Phase 3	Roadway	Blount	Blount County	Morganton Rd	Walker Road to Henry Lane	Reconstruct 2-lane roadway with addition of turn lanes	\$ -	L-STBG	2.3
21-207	Illustrative	35.21	Ralph Phelps Road	Roadway	Blount	Blount County	Ralph Phelps Road	Lowes Ferry to Louisville Road	Reconstruct 2-lane road with addition of turn lanes	\$ -	L-STBG	1.8
09-204	Illustrative	34.76	Pellissippi Place Access Road Extension	Roadway	Blount	Alcoa	Pellissippi Place	Wildwood Rd to Pellissippi Place Existing Terminus	Construct new 2-lane road with center turn lane or median and bicycle/pedestrian facilities	\$ -	L-STBG	1.2
21-200	Illustrative	34.36	Jeffries Hollow Road	Roadway	Blount	Blount County	Jeffries Hollow Road	Ellejoy Road to Boling Road	Reconstruct 2-lane roadway with addition of turn lanes	\$ -	L-STBG	1.4
09-675	Illustrative	33.55	Maryville Pk (SR-33)	Roadway	Knox	Knox County	Maryville Pk (SR-33)	Gov John Sevier Hwy (SR-168) to Blount County Line	Reconstruct 2-lane road with addition of turn lanes	\$ -	S-STBG	1.2

TAC members voted on weights

Documentation of GIS Geospatial process for each criteria

Evaluation Criteria	Local	Regional	S	Safety & Security	Geoprocess	Scores	Normalized	High Values ...	Note
1 Safety & Security	21%	17%	S1	% project (length) that coincides with HIN tier 1	Select by Location +100'	0-0.69	Normalized	Good	
2 Congestion Reduction	15%	19%	S2	% project (length) that coincides with HIN tier 2	Select by Location +100'	0-1.0	Normalized	Good	
3 Maintenance & Efficiency	14%	15%	S3	Interactive map points - speeding or safety issues	Extract Values to Points	Max Raster	Raster	Good	Kernel Density raster
4 Health & Environment	13%	12%	C	Congestion Reduction					
5 Equitable Access	11%	9%	C1	Level of Travel Time Reliability (LOTTR)	Spatial Join (< 500')	0-3.29	Normalized	Good	
6 More Options	10%	6%	C2	Expected volume over capacity (v/c)	Spatial Join (< 500')	0-1.65	Normalized	Good	Highest / max value along segment
7 Preservation of Place	8%	8%	C3	Interactive map points - congestion issues	Extract Values to Points	Max Raster	Raster	Good	Converted to raster
8 Economy & Freight	8%	14%	M	Maintenance & Efficiency					
9 Local Priority			M1	Crossed a bridge rated as 'Poor' or 'Critical' condition	Select by Location + 500'	0-10	Proximity	Good	
	100%	100%	M2	Interactive map points - maintenance issues	Extract Values to Points	Raster	Raster	Good	Converted to raster
			H	Health & Environment					
			H1	Proximity to existing high-quality bikeway or pedway facility	Select by Location +100'	0-1.0	Normalized	Good	
			H2	Avoids potential impact with environmental resources	Select by Location +100' (inverse)		Proximity	Bad	Inverse distance calculation (% corridor > 500' from flood hazard)
			E	Equitable Access					
			E1	Priority population Index value	Spatial Join	-2.5-3.5	Normalized	Good	Local data resource
			E2	USDOT Persistent Poverty locations	Select by Location + 100'	0-1.0	Normalized	Good	USDOT dataset for grant funding
			O	More Options					
			O1	Population density for transit	Spatial Join	36-6360	Normalized	Good	Average population density (not Min, Max)
			O2	Connecting with existing transit service area	Select by Location	0-1.0	Proximity	Good	--
			O3	Interactive map points - barriers to walking / biking	Extract Values to Points	Raster	Raster	Good	Converted to raster
			P	Preservation of Place					
			P1	Avoids potential impact with cultural resources	Select by Location +100' (inverse)		Proximity	Bad	Inverse distance calculation (% corridor > 500' from flood hazard)
			F	Economy & Freight					
			F1	Density of freight facilities	Extract Values to Points	Raster	Raster	Good	Add NHFN as points; Kernel Density raster
			F2	Density of employment	--	--	--	--	--
			L	Local Priority					
			L1	Identified in other local plans	Rollover projects from 2045	0-10	--	Good	Manual assignment

GIS process
 Spatial join Join attribute tables if features are overlapping
 Generate Points Along Lines represent linear projects as a series of points
 Kernel Density create raster from points
 Extract Values to Points (raster)

Raw scores were normalized from 1-10 scale
 Sum of normalized scores became the Total Cumulative Score
 Highest Cumulative Score represents the highest priority

Manual process
 Local Priority scores were added manually by Advisory Committee members