

# FY 2013-2016 STIP

STATEWIDE TRANSPORTATION IMPROVEMENT PROGRAM

## TYLER DISTRICT

November 2013 Quarterly Revision

HIGHWAY



TYLER METROPOLITAN PLANNING ORGANIZATION  
FY 2015

DISTRICT	COUNTY	CSJ	HWY	PHASE	CITY	PROJECT SPONSOR	YOY COST	
10 - TYLER	SMITH	0910-16-124	VA	C,E	TYLER	City of Tyler	\$ 2,080,264	
LIMITS FROM VARIOUS LOCATIONS IN						REVISION DATE: 11/2013		
LIMITS TO: THE CITY OF TYLER						MPO PROJ NUM:		
PROJECT CONSTRUCT SIDEWALKS AT 7 LOCATIONS IN THE CITY OF TYLER						FUNDING CAT(S): 9,LC		
DESCR:						PROJECT HISTORY:		
REMARKS								
P7:								
<b>TOTAL PROJECT COST INFORMATION</b>				<b>AUTHORIZED FUNDING BY CATEGORY/SHARE</b>				
PRELIM ENG:	\$ 93,697	<b>COST OF APPROVED PHASES:</b>		<b>FEDERAL</b>	<b>STATE</b>	<b>LOCAL</b>	<b>LC</b>	<b>TOTAL</b>
ROW PURCHASE:	\$ 0		9-ENHANCEMETS:	\$ 1,648,322	\$ 0	\$ 412,081	\$ 0	\$ 2,060,403
CONST COST:	\$ 1,791,654		LOCAL CONTR:	\$ 0	\$ 0	\$ 0	\$	\$
CONST ENG:	\$ 74,384		TOTAL:	\$ 1,648,322	\$ 0	\$ 412,081	\$ 19,861	\$ 2,080,264
CONTING:	\$ 53,732							
IND COSTS:	\$ 103,640							
BND FINANCING:	\$ 0							
<b>TOTAL PRJ COST:</b>	<b>\$ 2,060,403</b>							

**Tyler Area Metropolitan Planning Organization**  
**FY 2013 - 2016 Transportation Improvement Program**  
**Highway Financial Summary - Year of Expenditure Costs**  
**2013 November Quarterly Revisions**

**Funding by Category**

Category	Description	FY 2013		FY 2014		FY 2015		FY 2016		Total FY 2013 - 2016	
		Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized	Programmed	Authorized
1	Preventive Maintenance and Rehabilitation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2M or 2U	Urban Area (Non-TMA) Corridor Projects	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3	Non-Traditionally Funded Transportation Project	\$7,298,790	\$7,298,790	\$5,961,756	\$5,961,756	\$0	\$0	\$0	\$0	\$13,260,546	\$13,260,546
4	Statewide Connectivity Corridor Projects	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5	CMAQ	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Structures	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Metro Mobility & Rehab	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	Safety	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Transportation Enhancements	\$0	\$0	\$0	\$0	\$2,060,403	\$2,060,403	\$0	\$0	\$2,060,403	\$2,060,403
10	Supplemental Transportation Projects	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11	District Discretionary	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12	Strategic Priority	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12C	Strategic Priority RECON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
12S	Strategic Priority RECON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
SBPE	Strategy Budget PE Strategy Budget PE	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$0
SB 102	Strategy 102	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>		<b>\$7,598,790</b>	<b>\$7,298,790</b>	<b>\$5,961,756</b>	<b>\$5,961,756</b>	<b>\$2,060,403</b>	<b>\$2,060,403</b>	<b>\$0</b>	<b>\$0</b>	<b>\$15,620,949</b>	<b>\$15,320,949</b>

**Funding Participation Source**

Source	FY 2013	FY 2014	FY 2015	FY 2016	Total
Federal	\$0	\$0	\$1,648,322	\$0	\$1,648,322
State	\$0	\$0	\$0	\$0	\$0
Local Match	\$0	\$0	\$412,081	\$0	\$412,081
CAT 3 - Local Contributions	\$0	\$5,961,756	\$0	\$0	\$5,961,756
CAT 3 - Prop 12	\$7,298,790	\$0	\$0	\$0	\$7,298,790
CAT 3 - Prop 14	\$0	\$0	\$0	\$0	\$0
Cat 3- Prop 14 SB	\$0	\$0	\$0	\$0	\$0
CAT 3 - Texas Mobility Fund	\$0	\$0	\$0	\$0	\$0
CAT 3 - Pass Thru Toll Revenue	\$0	\$0	\$0	\$0	\$0
CAT 3 - Regional Toll Revenue	\$0	\$0	\$0	\$0	\$0
CAT 3 - Match to Regional Toll Revenue	\$0	\$0	\$0	\$0	\$0
CAT 3 - Unique Federal Program - Tiger II	\$0	\$0	\$0	\$0	\$0
Other - Section 5306	\$0	\$0	\$0	\$0	\$0
Other - Strategy PE Budget	\$300,000	\$0	\$0	\$0	\$300,000
Other - Strategy 102 Budget	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$7,598,790</b>	<b>\$5,961,756</b>	<b>\$2,060,403</b>	<b>\$0</b>	<b>\$15,620,949</b>

## State Sponsored Short-Range Projects

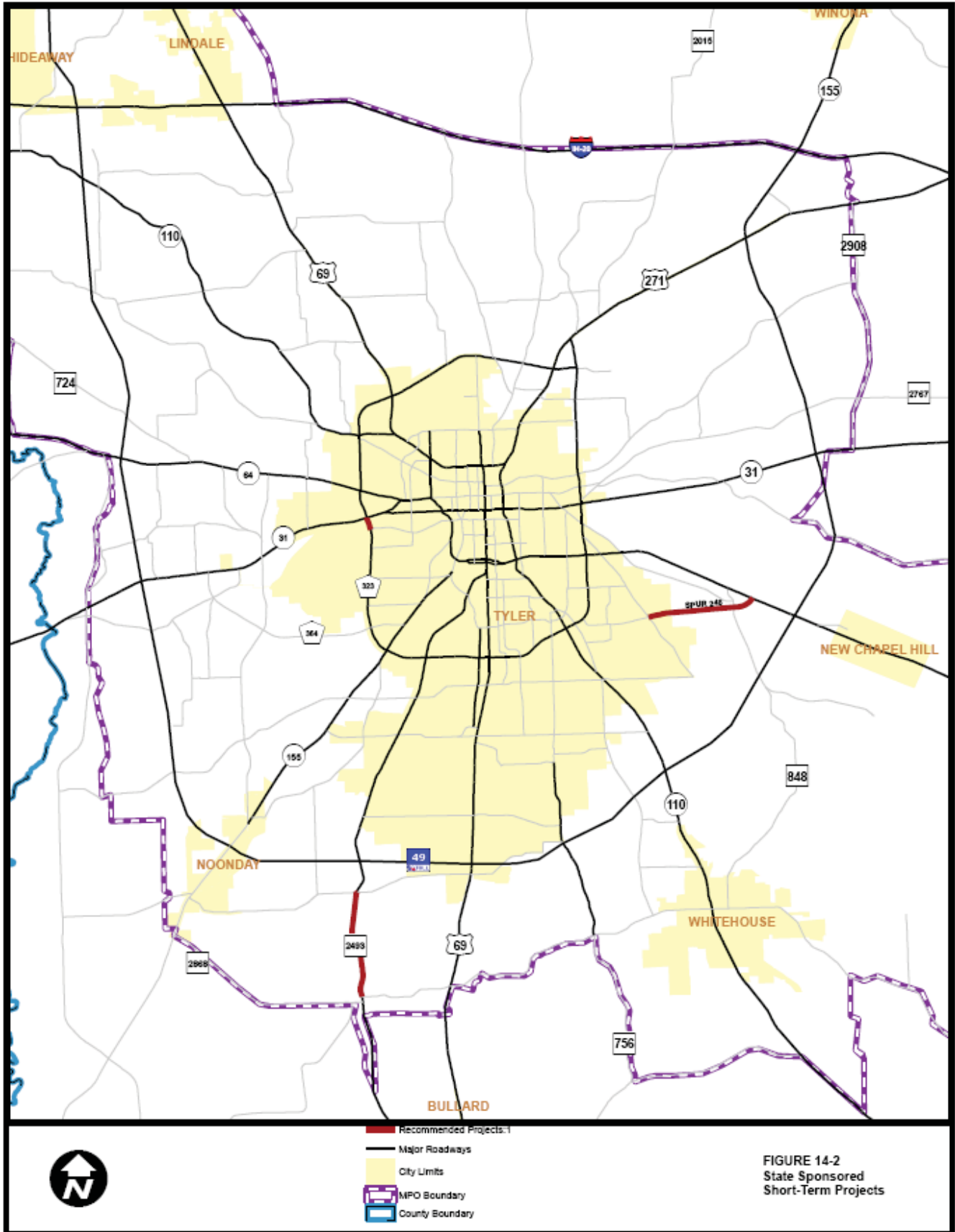
The short-term improvement program includes three mobility projects involving widening roadways to 4-lane typical sections. The recommended short-term program is identified in **Table 14-1** and depicted in **Figure 14-2**.

**TABLE 14-1 STATE SPONSORED SHORT-TERM IMPROVEMENTS**

ID	Project Location	From Limits	To Limits	Project Description	Estimated Construction Cost (in \$)	Estimated Engineering Cost (in \$)	Estimated ROW Cost (in \$)	Estimated Total Project Cost (in \$)
<b>Mobility Improvements</b>								
SNM-26	Loop 323	Bellwood	SH 31 W	Widen to 6 lanes with RR Underpass	\$7,000,000	\$500,000	\$300,000	\$7,800,000
LM-D6	FM 2493	FM 2813	FM 346	Reconstruct to a 4-lane urban arterial with CLT	\$6,500,000	\$975,000	\$1,300,000	\$8,775,000
LM-B2	Spur 248	Old Omen Road	SH 64 East	Upgrade to a 4-lane divided principal arterial	\$8,000,000	\$900,000	\$1,500,000	\$10,400,000
SM-27	FM 346 @ US 69			Intersection Improvements	\$11,374,000	\$1,022,000	\$1,000,000	\$13,396,000
<b>TOTAL MOBILITY IMPROVEMENTS</b>								<b>\$40,371,000</b>
<b>Non Mobility Improvements</b>								
SNM-43	Category 8 - Safety							\$11,500,000
SNM-44	Category 9 - Enhancement							<del>\$650,000</del> \$2,060,403
SNM-45	Category 10 - Miscellaneous							\$0
SNM-46	Category 11 - District Discretionary							\$0
<b>TOTAL NON MOBILITY IMPROVEMENTS</b>								<del>\$12,150,000</del> <b>\$13,560,403</b>
<b>Maintain It</b>								
SM-47	Category 1 - Preventive Maintenance							\$38,000,000
SM-48	Category 6 - Structures Replacement/Rehabilitation							\$2,000,000
<b>TOTAL MAINTAIN IT</b>								<b>\$40,000,000</b>

The four mobility projects identified use approximately all of the identified funding for the short-term period.

A total of \$12 million is set aside for short-term non-capacity improvement projects that could be funded by Category 8 – Safety or Category 9 – Enhancement. Non-capacity improvements funded by these categories are not individually listed in this plan. No funding was designated for Categories 10 (Miscellaneous) and 11 (District Discretionary).



## Local Sponsored Short-Range Projects

All of the local improvements in the short-term are either roadway extensions or widening projects. Eleven local projects have been identified with costs totaling approximately \$90 million (**Table 14-2**). The priority of these projects was not established by this MTP Update. Rather the One-Half Cent Sales Tax Committee, created by the City of Tyler, provided the project listing and related costs.

Note the costs for the Cumberland Road extension only account for the amount that being funded by the City of Tyler. The actual construction cost is higher because a private developer plans to fund two of the four travel lanes.

Also note the Rice Road project is only partially funded by short-term funding. The project's total costs exceed \$20 million. The City of Tyler plans to use \$10.9 million of short-term funds towards its costs and complete the project with long-term funding.

**TABLE 14-2 LOCAL SPONSORED SHORT-TERM IMPROVEMENTS**

ID	Project Location	From Limits	To Limits	Project Description	Estimated Construction Cost (in \$)	Estimated Engineering Costs (in \$)	Estimated Utility Cost (in \$)	Estimated Total Project Cost (in \$)
LS-47	Lake Placid Rd	Old J'ville Hwy	SH 155	Widen to 4-lane with bike, raised median				\$ 7,451,495
LS-20	Towne Park	Loop 323	SH 155	Construct new location, 4-lane with bike, raised median				\$ 4,069,102
LS-21	New Sunnybrook Drive	SH 155	Loop 323	Construct new location, 4-lane with bike, raised median				\$ 16,547,712
LS-49	Cumberland Rd	Broadway Ave	Old J'ville Hwy	Construct new location, 4-lane	\$ 21,087,000	\$ 3,907,000	\$ 341,000	\$ 25,335,000
LS-33	Shiloh Rd	Rhones Quarter Rd	Copeland Rd	Widen to a 4-lane minor arterial with CTL	\$ 13,510,000	\$ 1,960,000	\$ 1,958,000	\$ 17,428,000
LS-50	W Erwin Street at Glenwood	--	--	Widen intersection to eliminate split phase operations	\$ 342,000	\$ 72,000	\$ 88,000	\$ 502,000
LU-A4	Roy Road	Paluxy Dr	Rhones Quarter Rd	Widen to 2-lane major collector with CTL	\$ 5,597,000	\$ 930,000	\$ 1,842,000	\$ 8,369,000
LS-17	* Rice Road	Old Bullard Rd	Old J'ville Hwy	Widen to 4-lane minor arterial with CTL	\$ 15,732,000	\$ 1,810,000	\$ 2,486,000	\$ 10,919,000 (\$20,028,000)
<b>TOTAL</b>								<b>\$ 90,621,309</b>

\* Partial funded by the Short-term funding. Reminder funded from Long-term funds

**State Sponsored Long-Range Projects**

Using the project prioritization method described in Chapter 13, recommended transportation improvements for the long-term time horizon were developed. The long-term improvement program (2020-2034) involves widening several roadways from two to four lanes and one roadway from a four-lane facility to six lanes.

The recommended long-term program is identified in **Table 14-3** and long-term, state projects are shown in **Figure 14-3**. **Figure 14-4** displays LOS in the Year 2035 with the implementation of the long-term projects.

**TABLE 14-3 STATE SPONSORED LONG-TERM IMPROVEMENTS**

ID	Project Location	From Limits	To Limits	Project Description	Estimated Construction Cost (in \$)	Estimated Engineering Cost (in \$)	Estimated ROW Cost (in \$)	Estimated Total Project Cost (in \$)
<b>Mobility Improvements</b>								
SU-1	FM 14	MLK Jr, Blvd	Loop 323 East	Widen to 4-lane minor arterial with CLT	\$4,500,000	\$675,000	\$900,000	\$6,075,000
SM-C9	FM 756 (Paluxy)	Jeff Davis Drive	FM 346	Upgrade to a 4-lane principal arterial	\$6,500,000	\$850,000	\$1,400,000	\$8,750,000
LM-C12	SH 31, East	Loop 323, East	FM 850	Widen to a 4-lane divided principal arterial	\$13,500,000	\$1,000,000	\$3,600,000	\$18,100,000
SU-A3	SH 110	5th Street	Golden Road	Widen from 4 to 6-lane divided principal arterial	\$3,000,000	\$450,000	\$1,200,000	\$4,650,000
SU-C8	FM 16	US 69	2.4 mi E of US 69	Widen from 2 to 4 lanes	\$7,200,000	\$1,080,000	\$2,880,000	\$11,160,000
<b>TOTAL MOBILITY IMPROVEMENTS</b>								<b>\$48,735,000</b>
<b>Non Mobility Improvements</b>								
LNM-49	Category 8 - Safety							\$17,300,000
LNM - 50	Category 9 - Enhancement							\$975,000
LNM-51	Category 10 - Miscellaneous							\$0
LNM-52	Category 11 - District Discretionary							\$0
<b>TOTAL NON MOBILITY IMPROVEMENTS</b>								<b>\$18,275,000</b>
<b>Maintain It</b>								
LM-53	Category 1 - Preventive Maintenance							\$56,000,000
LM-54	Category 6 - Structures Replacement/Rehabilitation							\$4,000,000
<b>TOTAL MAINTAIN IT</b>								<b>\$60,000,000</b>

The five mobility projects identified use approximately \$48.7 million of the \$54 million available in long-term funding. There is approximately \$5 million remaining in mobility funding that was not spent by the long-term project lists. Although it is a sizable amount of remaining funds, it can not completely fund the next project from the state's prioritized project list in Chapter 13.

A total \$18 million is set aside for long-term non-capacity improvement projects that could be funded by Category 8 – Safety or Category 9 – Enhancement. Non-capacity improvements funded by these categories are not individually listed in this plan. No funding was designated for Categories 10 (Miscellaneous) and 11 (District Discretionary).

The Maintain It categories (1 and 6) include \$60 million for preventive maintenance, structures replacement, and rehabilitation. Like non-capacity improvements, maintenance project are not individually listed in this plan.

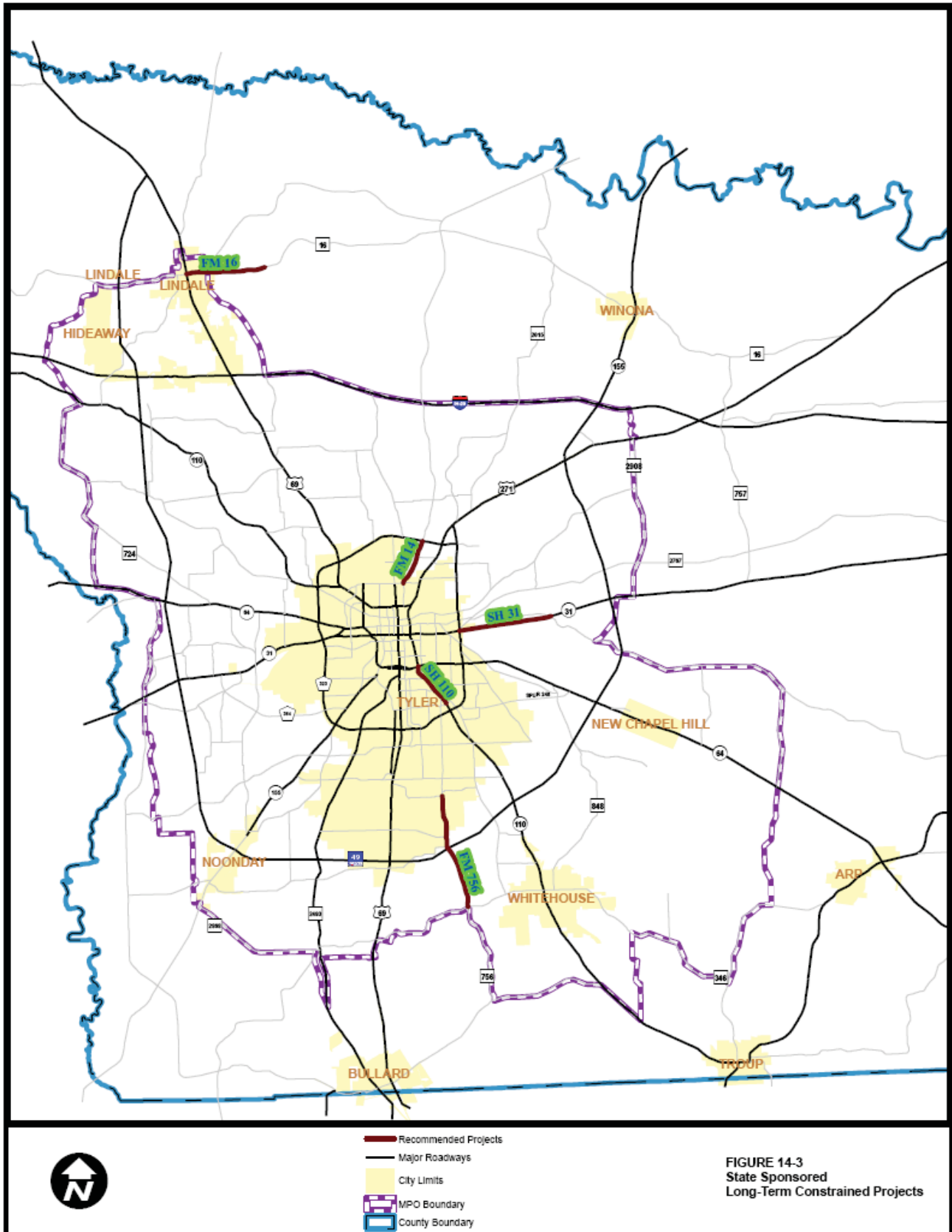
### **NET RMA Sponsored Long-Range Projects**

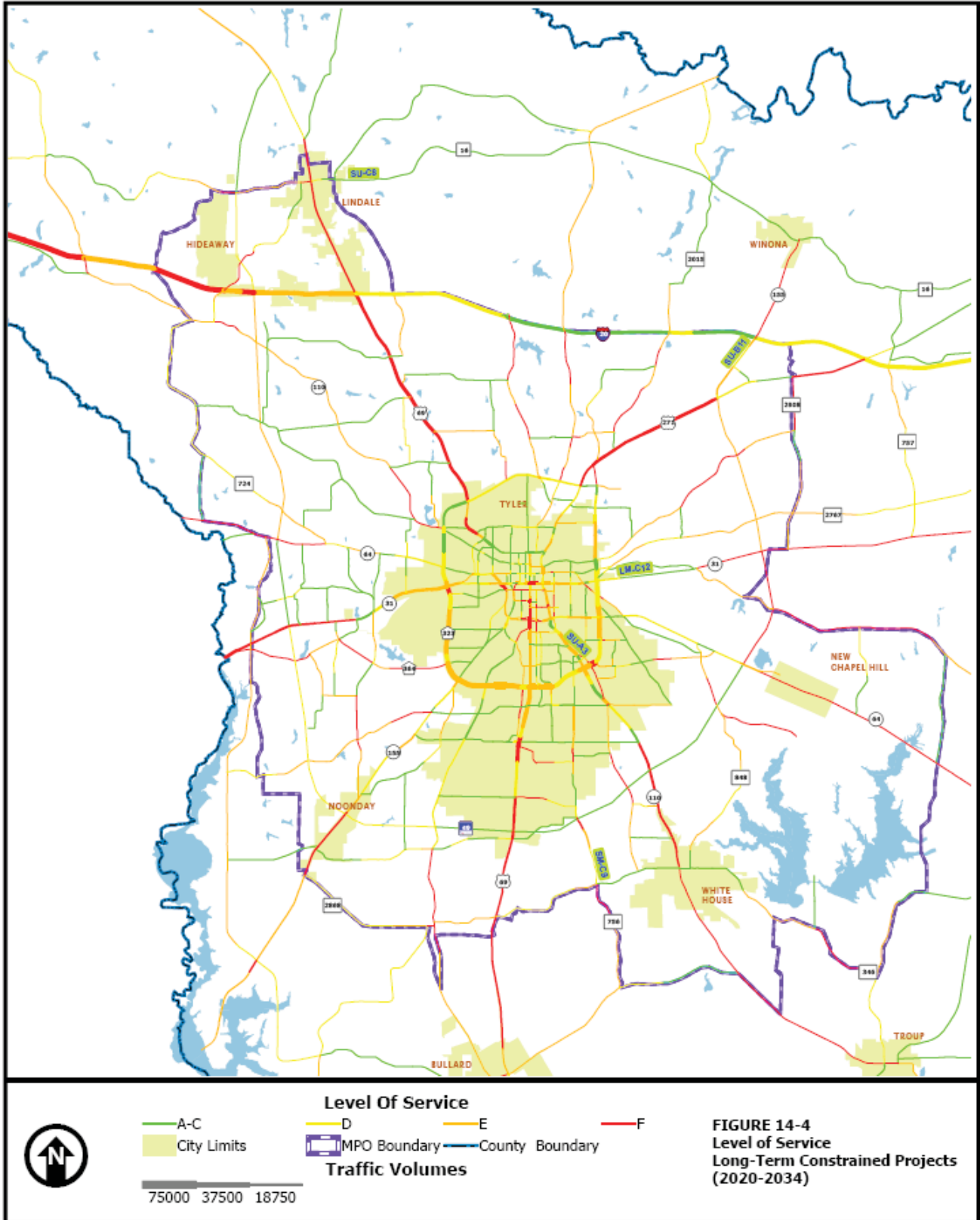
The NET RMA plans to fund the construction of Loop 49 Segment 6. The limits of Segment 6 are from SH 110 to US 271/SH155 North. The project is projected to cost roughly \$85 million. Funding will be generated through the sale of bonds and from toll revenues collected from the other completed segments.

### **Local Sponsored Long-Range Projects**

Local projects that were not identified in the short-term plan are considered illustrative projects. The City of Tyler has allocated funding for the long-term strategy but is unsure which projects will be a priority. Therefore, some of the projects from the illustrative list may eventually be brought forward and funded during the 2020-2034 timeframe.







### **State and Local Illustrative Projects**

This plan includes a listed of illustrative projects which may eventually be included in the long-range plan if 'reasonable additional resources' become available.

As show in **Table 14-4**, 27 projects on the state system, totaling \$652 million have been identified as illustrative projects. Several of these projects extend outside of the MPO boundary and are included in the plan as they may eventually be part of the Tyler Area MPO in the future. These projects are included to facilitate project planning and NEPA documents review and approve.

Thirty-six (36) local projects have been identified as illustrative improvements in **Table 14-5**. These projects have a total costs near \$184 million. Potentially the projects could be funded and constructed by individual cities or through joint venues. With a joint venue two or more parties share the total project costs at an agreed upon percentage. This approach is ideal when the benefits of constructing the project are equally shared between all parties. Such partnerships could be between neighboring cities or between a city and private developer.

### **Public Transportation Projects**

According to the funding presented in Chapter 12, Tyler Transit projects \$29.3 million will be available for short-term projects and \$67.5 million for long-term projects. Operating and capital expenditures are expected to equal \$26.4 million in the short-term strategy and \$66.6 million in the long-term plan as shown in **Table 14-6**.

Currently Tyler Transit is developing a Strategic Plan to determine future projects. Sponsored by the Tyler MPO, the study's goal is to develop a practical public transportation service expansion plan that is financially feasible and sustainable. Potential projects that may eventually be implemented if additional resources become available are shown in **Table 14-7**.

**TABLE 14-4 STATE ILLUSTRATIVE IMPROVEMENTS**

ID	Project Location	From Limits	To Limits	Project Description	Estimated Construction Cost (in \$)	Estimated Engineering Costs (in \$)	Estimated ROW Cost (in \$)	Estimated Total Project Cost (in \$)
LM-D6-2	FM 2493	FM 346	FM 344	Reconstruct to a 4-lane urban arterial with CLT	\$ 14,500,000	\$ 2,175,000	\$ 5,800,000	\$ 22,475,000
SU-A8	US 69, North	Loop 323	IH 20, West	Widen from 4 to 6-lane divided principal arterial	\$ 14,000,000	\$ 2,100,000	\$ 2,800,000	\$ 18,900,000
SU-B11	SH 155, North	US 271 North	IH 20, East	Widen to a 4 lane principal arterial	\$ 6,000,000	\$ 900,000	\$ 1,200,000	\$ 8,100,000
SU-6	SH 110 (North)	FM 849	IH 20	Widen from 2 to 4 lanes	\$ 10,500,000	\$ 1,575,000	\$ 2,100,000	\$ 14,175,000
LM-A11	SH 64, West	FM 724	FM 2661	Widen to a 4-lane divided principal arterial	\$ 8,000,000	\$ 1,200,000	\$ 800,000	\$ 10,000,000
LM-C10	SH 31, West	FM 206	FM 2661	Widen from 4 to 6 lanes	\$ 6,000,000	\$ 900,000	\$ 600,000	\$ 7,500,000
LM-32	Loop 323 Extension	Loop 323 Northeast	US 271	Widen to a 4-lane divided arterial	\$ 3,000,000	\$ 450,000	\$ 600,000	\$ 4,050,000
LM-34	Spur 364	Loop 323	SH 31, West	Widen from 2 (or 3) to 4 lanes	\$ 16,000,000	\$ 1,200,000	\$ 2,000,000	\$ 19,200,000
SU-7	SH 110 (North)	Loop 323	FM 2016	Widen from 2 to 4 lanes	\$ 9,000,000	\$ 1,350,000	\$ 1,800,000	\$ 12,150,000
SU-5	SH 64, West	FM 2661	County Line	Widen to a 4-lane divided principal arterial	\$ 12,000,000	\$ 1,800,000	\$ 1,200,000	\$ 15,000,000
LM-C7	FM 16	US 69	Loop 49	Widen from 2 to 4-lane divided minor arterial	\$ 6,000,000	\$ 900,000	\$ 2,400,000	\$ 9,300,000
SU-2	SH 31, East	FM 850	County Line	Widen to a 4-lane divided principal arterial	\$ 56,000,000	\$ 8,400,000	\$ 5,600,000	\$ 70,000,000
SU-3	SH 31, West	FM 2661	County Line	Widen from 4 to 6 lanes	\$ 6,000,000	\$ 900,000	\$ 600,000	\$ 7,500,000
LM-A12	SH 64, East	CR 220, East	FM 3226	Widen to a 4-lane divided principal arterial	\$ 9,000,000	\$ 1,350,000	\$ 900,000	\$ 11,250,000
SU-8	SH 110 (North)	FM 2016	FM 849	Widen from 2 to 4 lanes	\$ 21,000,000	\$ 3,150,000	\$ 2,100,000	\$ 26,250,000
SU-A10	SH 110	Hagan Road	Troup City Limits	Widen to a 4-lane divided principal arterial	\$ 21,000,000	\$ 3,150,000	\$ 2,100,000	\$ 26,250,000
SU-A1	US 271	Loop 323	IH 20, East	Widen from 4 to 6-lane divided principal arterial	\$ 18,000,000	\$ 2,700,000	\$ 1,800,000	\$ 22,500,000
SU-9	IH 20	SH 110	US 271	Widen from 4 to 6 lanes	\$161,000,000	\$ 24,150,000	\$ 16,100,000	\$201,250,000
LM-A9	IH 20 Frontage Roads	Loop 49	CR 431	Add frontage roads to interstate	\$ 6,000,000	\$ 900,000	\$ 600,000	\$ 7,500,000
SM-27	FM 346 at US 69	--	--	Intersection Improvements	\$ 8,600,000	\$ 350,000	\$ 1,200,000	\$ 10,150,000
LM-C11	FM 14	Loop 323 North	IH 20	Widen to a 4-lane minor arterial with CLT	\$ 18,000,000	\$ 950,000	\$ 1,250,000	\$ 20,200,000
SU-B11-2	SH 155, North	IH 20 East	County Line	Widen to a 4-lane principal arterial	\$ 34,000,000	\$ 5,100,000	\$ 3,400,000	\$ 42,500,000
SU-4	SH 64, East	FM 3226	County Line	Widen to a 4-lane divided principal arterial	\$ 49,200,000	\$ 7,380,000	\$ 4,920,000	\$ 61,500,000
SU-B9	Airport Spur	Loop 49 West	Tyler Airport	Construct new 2-lane spur to regional airport	\$ 4,000,000	\$ 600,000	\$ 400,000	\$ 5,000,000
<b>TOTAL</b>								<b>\$652,700,000</b>

TABLE 14-5 LOCAL ILLUSTRATIVE IMPROVEMENTS

ID	Project Location	From Limits	To Limits	Project Description	Estimated Construction Cost (in \$)	Estimated Engineering Costs (in \$)	Estimated Utility Cost (in \$)	Estimated Total Project Cost (in \$)
LS-31	Shiloh Road	SH 110	Old Omen Road	Upgrade to a 4-lane divided arterial	\$ 17,958,000	\$ 2,694,000	\$ 416,000	\$ 21,068,000
LU-38	Cumberland Rd	Broadway Ave	Paluxy Drive	Widen to 4-lane minor arterial with CTL	\$ 13,541,000	\$ 1,510,000	\$ 1,586,000	\$ 16,637,000
LU-B10	W Erwin Street	Bonner Ave	Glenwood Blvd	Widen to a 4-lane arterial	\$ 4,849,000	\$ 701,000	\$ 659,000	\$ 6,209,000
LU-39	Cambridge Road	Broadway Ave	Jeff Davis Drive	Widen to 2-lane major collector with CTL	\$ 4,671,000	\$ 625,000	\$ 1,248,000	\$ 6,544,000
LU-40	Copeland Rd	Grande Blvd	Jeff Davis Drive	Construct new location, 4-lane minor arterial	\$ 4,953,000	\$ 743,000	\$ -	\$ 5,696,000
LU-41	Crow Road	SH 155	Old J'ville Hwy	Widen to 2-lane major collector with CTL	\$ 2,298,000	\$ 288,000	\$ 1,000	\$ 2,587,000
LU-42	Porter Street	Front Street	Devine	Widen to 2-lane major collector with CTL	\$ 1,803,000	\$ 246,000	\$ 165,000	\$ 2,214,000
LU-43	Old Henderson	E. Front Street	E. Erwin Street	Widen to 4-lane minor arterial with CTL	\$ 2,251,000	\$ 325,000	\$ 251,000	\$ 2,827,000
LU-44	N. Broadway Ave	Blackfork Creek	N. Loop 323	Widen to 4-lane minor arterial with CTL	\$ 19,632,000	\$ 540,000	\$ -	\$ 20,172,000
LU-45	Lyons Ave	W. Front Street	W. Erwin Street	Widen to 4-lane minor arterial with CTL	\$ 1,708,000	\$ 248,000	\$ 71,000	\$ 2,027,000
LU-46	Fleishel Ave	E. Houston Street	E. Front Street	Widen to 2-lane major collector with CTL	\$ 590,000	\$ 98,000	\$ 192,000	\$ 880,000
LU-47	Elm Street	Beckham Ave	Saunders	Widen to 2-lane major collector with CTL	\$ 556,000	\$ 74,000	\$ 31,000	\$ 661,000
LU-48	E. Erwin Street	Spring Street	Beckham Ave	Widen to 4-lane minor arterial with CTL	\$ 1,885,000	\$ 290,000	\$ 331,000	\$ 2,506,000
LU-49	E. Erwin Street	Beckham Ave	E. Loop 323	Widen to 4-lane minor arterial with CTL	\$ 8,036,000	\$ 1,194,000	\$ 1,414,000	\$ 10,644,000
LU-50	Copeland Rd	Old Troup Hwy	Shiloh Road	Widen to 2-lane major collector with CTL	\$ 3,266,000	\$ 652,000	\$ 1,648,000	\$ 5,566,000
LU-51	Dawson Street	Clinic Drive	Fleishel Drive	Widen to 2-lane major collector with CTL	\$ 379,000	\$ 60,000	\$ 98,000	\$ 537,000
LS-17	* Rice Road	SH 155	Old J'ville Hwy	New location, 4-lane minor arterial with CTL	\$ 15,732,000	\$ 1,810,000	\$ 2,486,000	\$ 9,109,000
LS-18	Donnybrook Avenue	Shiloh Road	Rieck Road	Widen from 32 to 40 ft urban street	\$ 1,560,000	\$ 234,000	\$ 156,000	\$ 1,950,000
LS-24	Bellwood Lake Drive	Bellwood Lake Drive	Brianwood Road	Extend road as a 2-lane collector	\$ 1,680,000	\$ 252,000	\$ 168,000	\$ 2,100,000
LS-25	Charlotte Drive	Van Highway	Loop 323 Northwest	Widen to a 2-lane collector with CTL	\$ 1,344,000	\$ 201,600	\$ 134,400	\$ 1,680,000
LS-B4	Grande Blvd	SH 155	Loop 49	Extend 4-lane divided minor arterial and add an interchange at Loop 49	\$ 6,000,000	\$ 900,000	\$ 600,000	\$ 7,500,000
LS-C2	Grande, Phase III	SH 110	Old Omen Road	Extend road as a 4-lane minor arterial with CTL	\$ 5,780,000	\$ 867,000	\$ 578,000	\$ 7,225,000
LS-C3	New Omen Road	Shiloh Road	Grande Boulevard	Extend road as a 4-lane divided minor arterial	\$ 1,740,000	\$ 261,000	\$ 174,000	\$ 2,175,000
LU-35	North Whitehouse Arterial	South Point Road	SH 110	Extend road as a 2-lane minor arterial	\$ 2,964,000	\$ 444,600	\$ 296,400	\$ 3,705,000
LU-36	East-West Whitehouse Arterial	FM 346	East-West Whitehouse Arterial	(Phase 1.) Upgrade county roads to a 2-lane minor arterial with CTL	\$ 2,484,000	\$ 372,600	\$ 248,400	\$ 3,105,000
LU-37	East-West Whitehouse Arterial	FM 346 West	Includes Wildwood, Fowler, Dudley Rds	(Phase 2.) Extend road as a 2-lane minor arterial	\$ 1,992,000	\$ 298,800	\$ 199,200	\$ 2,490,000
LU-A6	Big Eddy Road	SH 155	FM 2661	Extend 2-lane minor arterial and merge with Big Eddy Rd to FM 2661	\$ 3,468,000	\$ 520,200	\$ 346,800	\$ 4,335,000
LU-A7	Big Eddy Road	FM 2868	SH 155 / CR 168	Upgrade east portion to a minor arterial	\$ 720,000	\$ 108,000	\$ 72,000	\$ 900,000
LU-B5	Bellwood Road	Bellwood	SH 31 / Pioneer Drive	Extend road as a 2-lane collector	\$ 2,652,000	\$ 397,800	\$ 265,200	\$ 3,315,000
LU-B6	Indian Creek Road	South of Spur 364	Lake Placid Road	Extend road as a 2-lane collector	\$ 2,736,000	\$ 410,400	\$ 273,600	\$ 3,420,000
LU-B7	CR 493 / CR 4196	US 69, North	CR 431	Add roads as a 2-lane collector	\$ 2,064,000	\$ 309,600	\$ 206,400	\$ 2,580,000
LU-B8	Jim Hogg Road	IH 20	FM 16	Widen to a 4-lane minor arterial	\$ 4,884,000	\$ 732,600	\$ 488,400	\$ 6,105,000
LU-C6	Lake Placid Extension	SH 155	CR 1141	Extend road as 2-lane collector	\$ 4,656,000	\$ 698,400	\$ 465,600	\$ 5,820,000
LU-38	Grande Boulevard	Loop 49	FM 2661	Extend 4-lane divided minor arterial	\$ 4,800,000	\$ 720,000	\$ 480,000	\$ 6,000,000
LU-52	Sunnybrook Ave	Loop 323, West	SH 31, West	Construct new location, 4 lanes	\$ 7,000,000	\$ 1,050,000	\$ 700,000	\$ 8,750,000
LU-53	Copeland Rd	Jeff Davis Drive	Cumberland Rd	Construct new location, 4 lanes	\$ 3,000,000	\$ 450,000	\$ 300,000	\$ 3,750,000
LU-54	Grande Blvd	Old Grande	Old J'ville Hwy	Widen to a 4-lane divided principal arterial with CTL	\$ 4,500,000	\$ 675,000	\$ 450,000	\$ 5,625,000
<b>TOTAL</b>								<b>\$198,414,000</b>

\* Partial funded by the Short-term funding. Remainder funded from Long-term funds

**TABLE 14-6 PROJECTED TRANSIT EXPENSES**

Project ID	Year	Capital ADA 5307	Capital Planning 5307	Capital Security 5307	Capital 5307	Capital PM 5310	JARC 5316	New Freedom 5317	Operation 5307	Project Description	Annual Total
SR-PT3	2010	\$ 112,961	\$ 20,000	\$ 10,000	\$ 613,837	\$ 137,260	\$ 142,557	\$ 520,521	\$ 952,564		\$ 2,509,699
SR-PT4	2011	\$ 115,220	\$ 20,000	\$ 10,000	\$ 626,112	\$ 137,260	\$ 142,557	\$ 520,521	\$ 912,640		\$ 2,484,309
SR-PT5	2012	\$ 115,220	\$ 20,000	\$ 10,000	\$ 657,418	\$ 142,750	\$ 132,562	\$ 357,858	\$ 949,146		\$ 2,384,954
SR-PT6	2013	\$ 115,220	\$ 20,000	\$ 10,000	\$ 690,288	\$ 148,460	\$ 132,562	\$ 357,858	\$ 987,111		\$ 2,461,500
	• 2013	\$400,000								New accessible bus shelters	\$400,000
	• 2013				\$46,080					Refurbish 8 fare boxes	\$46,080
	• 2013			\$18,373						Surveillance & digital equipment	\$18,373
	• 2013			\$29,820						Automatic Vehicle Locater	\$29,820
SR-PT7	2014	\$ 115,220	\$ 20,000	\$ 10,000	\$ 724,803	\$ 154,399	\$ 132,562	\$ 357,858	\$ 1,026,596		\$ 2,541,438
SR-PT8	2015	\$ 115,220	\$ 20,000	\$ 10,000	\$ 761,043	\$ 160,575	\$ 132,562	\$ 357,858	\$ 1,067,660		\$ 2,624,918
SR-PT9	2016	\$ 117,520	\$ 20,000	\$ 10,000	\$ 799,095	\$ 166,998	\$ 132,562	\$ 357,858	\$ 1,110,366		\$ 2,714,399
SR-PT10	2017	\$ 117,520	\$ 20,000	\$ 10,000	\$ 839,050	\$ 173,678	\$ 132,562	\$ 357,858	\$ 1,154,781		\$ 2,805,448
SR-PT11	2018	\$ 117,520	\$ 20,000	\$ 10,000	\$ 881,002	\$ 180,625	\$ 132,562	\$ 357,858	\$ 1,200,972		\$ 2,900,539
SR-PT12	2019	\$ 117,520	\$ 20,000	\$ 10,000	\$ 925,053	\$ 187,850	\$ 132,562	\$ 357,858	\$ 1,249,011		\$ 2,999,853
LR-PT1	2020	\$ 117,520	\$ 25,000	\$ 15,000	\$ 962,055	\$ 193,485	\$ 134,561	\$ 390,390	\$ 1,614,296		\$ 3,452,307
LR-PT2	2021	\$ 117,520	\$ 25,000	\$ 15,000	\$ 990,916	\$ 199,290	\$ 134,561	\$ 390,390	\$ 1,695,011		\$ 3,567,688
LR-PT3	2022	\$ 119,870	\$ 25,000	\$ 15,000	\$ 1,020,644	\$ 205,269	\$ 134,561	\$ 390,390	\$ 1,779,761		\$ 3,690,495
LR-PT4	2023	\$ 119,870	\$ 25,000	\$ 15,000	\$ 1,051,263	\$ 211,427	\$ 134,561	\$ 390,390	\$ 1,868,749		\$ 3,816,260
LR-PT5	2024	\$ 119,870	\$ 25,000	\$ 15,000	\$ 1,082,801	\$ 217,769	\$ 134,561	\$ 390,390	\$ 1,962,187		\$ 3,947,578
LR-PT6	2025	\$ 119,870	\$ 25,000	\$ 15,000	\$ 1,115,285	\$ 224,302	\$ 134,561	\$ 390,390	\$ 2,060,296		\$ 4,084,705
LR-PT7	2026	\$ 119,870	\$ 25,000	\$ 15,000	\$ 1,148,744	\$ 231,032	\$ 134,561	\$ 390,390	\$ 2,163,311		\$ 4,227,907
LR-PT8	2027	\$ 122,270	\$ 25,000	\$ 15,000	\$ 1,183,206	\$ 237,962	\$ 134,561	\$ 390,390	\$ 2,271,477		\$ 4,379,866
LR-PT9	2028	\$ 122,270	\$ 25,000	\$ 15,000	\$ 1,218,702	\$ 245,101	\$ 134,561	\$ 390,390	\$ 2,385,050		\$ 4,536,075
LR-PT10	2029	\$ 122,270	\$ 25,000	\$ 15,000	\$ 1,255,263	\$ 252,454	\$ 134,561	\$ 390,390	\$ 2,504,303		\$ 4,699,241
LR-PT11	2030	\$ 122,270	\$ 25,000	\$ 15,000	\$ 1,292,921	\$ 260,028	\$ 134,561	\$ 390,390	\$ 2,629,518		\$ 4,869,688
LR-PT12	2031	\$ 122,270	\$ 25,000	\$ 15,000	\$ 1,331,709	\$ 267,829	\$ 134,561	\$ 390,390	\$ 2,760,994		\$ 5,047,753
LR-PT13	2032	\$ 124,720	\$ 25,000	\$ 15,000	\$ 1,371,660	\$ 275,864	\$ 134,561	\$ 390,390	\$ 2,899,044		\$ 5,236,238
LR-PT14	2033	\$ 124,720	\$ 25,000	\$ 15,000	\$ 1,412,810	\$ 284,140	\$ 134,561	\$ 390,390	\$ 3,043,996		\$ 5,430,616
LR-PT15	2034	\$ 124,720	\$ 25,000	\$ 15,000	\$ 1,455,194	\$ 292,664	\$ 134,561	\$ 390,390	\$ 3,196,196		\$ 5,633,725
<b>CATEGORY TOTAL</b>		<b>\$3,379,041</b>	<b>\$575,000</b>	<b>\$373,193</b>	<b>\$25,456,954</b>	<b>\$5,188,471</b>	<b>\$3,364,025</b>	<b>\$ 9,759,756</b>	<b>\$45,445,036</b>		<b>\$93,541,472</b>

**TABLE 14-7 ILLUSTRATIVE TRANSIT IMPROVEMENTS**

Project Description	Estimated Cost
New Parking Lot for Bus Fleet	\$ 100,000
New Transfer Point	\$ 15,000,000
New HVAC for Depot	\$ 60,000
High Speed Wireless Internet Connection between Depot and City Hall Servers	\$ 15,000
Own Maintenance Facility (parking, land acquisition)	\$ 19,708,000
Own Fueling Facility	\$ 100,000
Multimodal Center / Office	\$ 20,000
AVL Fixed Routes	\$ 50,000
Annunciator FR	\$ 20,000
Bus Stop Lighting	\$ 10,000
Next Bus Technology	\$ 50,000
Increase # of Para Transits	\$ 250,000
Increase # of Fixed Routes	\$ 120,000
Trash Can at Bus Stops and Maintenance	\$ 30,000
Benches at Stops without Shelters	\$ 70,000
Dispatch Radios for GM and Supervisors Office	\$ 2,000
Commuter Bus Route to High Speed Rail	\$ 60,000
Route Analysis using Planning Dollars every 5 Years	\$ 120,000
<b>Total</b>	<b>\$ 35,785,000</b>