



NTTA SYSTEM FIVE-YEAR CAPITAL PLAN

FY2024 - FY2028



NTTA[®]

NORTH TEXAS TOLLWAY AUTHORITY



Roadway Information Technology installing new cameras on Dallas North Tollway in Frisco

TABLE OF CONTENTS

	PAGE		PAGE
READERS ROADMAP	4	APPENDICES SECTION	
CAPITAL PLAN OVERVIEW		A – Index of Projects.....	135
Map of NTTA Roadways.....	7	B – Capital Plan Process.....	136
Introduction and Overview.....	8	C – Capital Plan Calendar.....	139
Project Types and Funding Sources.....	15	D – Major Revenue Source.....	140
Summary of Project Costs by Funds.....	16	E – Outstanding Debt Service.....	144
Informational Graphs.....	18	F – Estimated Operating Expenditures.....	145
Flow of Funds.....	20		
RESERVE MAINTENANCE PROJECTS			
Project Description Summary.....	23		
Project Listing.....	24		
Project Detail.....	26		
CAPITAL IMPROVEMENT PROJECTS			
Project Description Summary.....	47		
Project Listing.....	54		
Project Detail.....	58		

READERS' ROADMAP

This Readers' Roadmap is a guide to help navigate through the North Texas Tollway Authority's FY2024 - FY2028 Five-Year Capital Plan. The roadmap is designed to give the NTTA Board of Directors, bondholders, elected officials, stakeholders, the public and staff a detailed look at expected capital spending. The FY2024 - FY2028 Five-Year Capital Plan is divided into five sections; footnotes and page references are used to direct the reader to other sections of the document for additional detail and explanation.

CAPITAL PLAN OVERVIEW

This section contains a map of NTTA roadways, an introduction and background for the Capital Plan, documents that feature the types of projects and funding, a long-term financial plan with expected revenues and expenses and a schedule showing expected costs by project type. The section also contains a graphic representation of the flow of funds and other informational graphs.

PROJECT SECTIONS

Projects are grouped into the categories below:

1. **Reserve Maintenance**
2. **Capital Improvement**

Each category section has the following documents:

1. **Project Description and Summary** – Major project description and summary include a map outlining the project area.
2. **Project Listing** – List of all projects showing the responsible department, project number and name, current year estimated costs and the budgeted amounts for the next five years.
3. **Project Detail Form** – The form shows the department that will manage the project, the project type, project partners, total project and prior years cost, a brief description and justification for the project, the budgeted amounts and operating budget impact. Projects that are budgeted on an annual basis are identified on the Total Project Cost area as Annual Budget.

APPENDICES

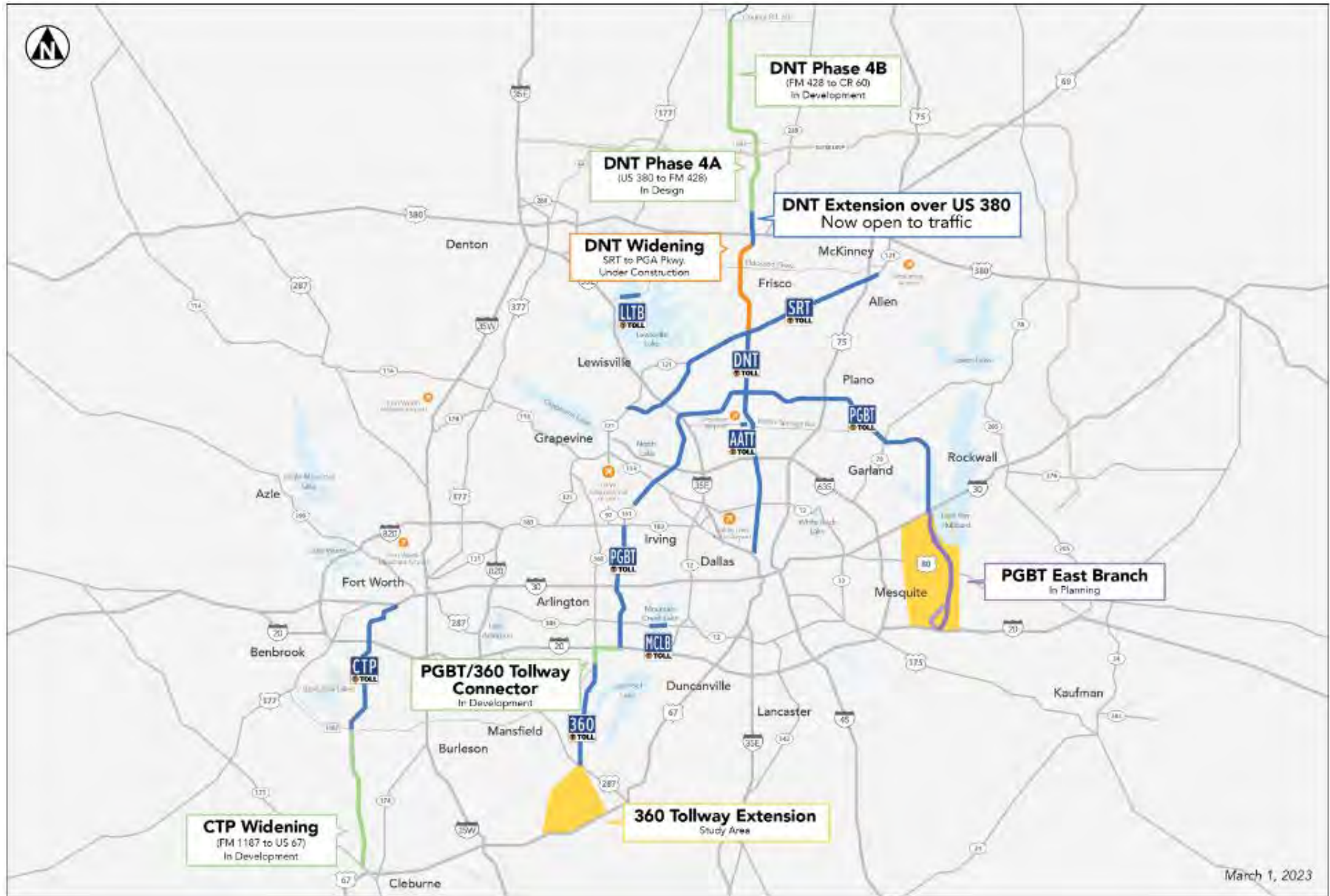
The last section contains an index that references each project name and associated page number. Also included is the Capital Plan process and documents describing the Capital Plan calendar, the major revenue sources, outstanding debt service and estimated operating expenditures.

CAPITAL PLAN OVERVIEW



Roadside Safety Services

Facility Map of the North Texas Region



Introduction and Overview

INTRODUCTION

The North Texas Tollway Authority's (NTTA or the Authority) Five-Year Capital Plan (NTTA Capital Plan) is developed to plan for the maintenance, renewal, improvement and/or replacement of capital assets. The NTTA System (System) facilities are the Dallas North Tollway (DNT), President George Bush Turnpike (PGBT), Sam Rayburn Tollway (SRT), Addison Airport Toll Tunnel (AATT), Lewisville Lake Toll Bridge (LLTB), Mountain Creek Lake Bridge (MCLB), 360 Tollway (360T) and Chisholm Trail Parkway (CTP).

The NTTA Capital Plan includes current year estimated expenditures approved through the annual budget process and estimates for the five subsequent years to be used for planning purposes only. The subsequent years are re-evaluated, updated and/or extended as part of the annual budget process. As a multi-year planning tool, the NTTA Capital Plan is comprised of projects continued from previous years and projects being initiated within the next five years.

The NTTA Capital Plan is adopted annually by the NTTA Board of Directors. The projects listed in the NTTA Capital Plan and projected expenditures do not constitute a firm commitment by the Authority to fund the project.

LONG-TERM FINANCIAL PLANS

Three major factors inform NTTA's long-term financial plans: traffic and revenue estimates provided by independent traffic and revenue engineers, estimated maintenance expenses provided by the independent general engineering consultant and system net debt service. Cost estimates are generated during the initial feasibility study phase and are updated as projects are developed.

The guiding principles used to update the NTTA Capital Plan are the Authority's goal to maintain a 1.50 times debt service coverage and the desire to pay for projects with available funds. Priority is given to projects associated with safety and revenue enhancement.

A. Revenue Fund

Estimated total revenue over the next five years is \$6.8 billion. Approximately \$6.5 billion or 95.2% of total revenue is based on projections provided by the traffic and revenue engineers (see Major Revenue Source, pages 140-143). Approximately \$0.3 billion or 4.8% of total revenue is estimated by the Authority and includes ZipCash late fees and estimated interest earnings on projected cash balances. Total revenue growth is projected to average 6.0% per year from FY2024 through FY2028. All NTTA revenues on deposit in the Revenue Fund must be distributed to the other funds in accordance with the Amended and Restated Trust Agreement with Supplements (Trust Agreement). (See Revenue Distribution, pages 141-143).

Introduction and Overview (continued)

	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Five-Year Totals FY2024 - FY2028
REVENUE FUND							
Estimated Beginning Available Cash Balance	-	-	-	-	-	-	-
INFLOWS							
Estimated Toll Revenues	\$ 1,045,777,500	\$ 1,178,505,800	\$ 1,233,089,100	\$ 1,290,970,900	\$ 1,348,140,500	\$ 1,406,294,300	\$ 6,457,000,600
Estimated Other Revenues	53,598,225	79,207,001	64,282,025	63,120,650	58,400,475	57,342,075	322,352,226
TOTAL INFLOWS	1,099,375,725	1,257,712,801	1,297,371,125	1,354,091,550	1,406,540,975	1,463,636,375	6,779,352,826
Estimated Ending Available Cash Balance	-	-	-	-	-	-	-
Total Revenues Available for Operations	\$ 1,099,375,725	\$ 1,257,712,801	\$ 1,297,371,125	\$ 1,354,091,550	\$ 1,406,540,975	\$ 1,463,636,375	\$ 6,779,352,826

B. Operation and Maintenance (O&M)

O&M expenses for the next five years are estimated at \$1.3 billion. These funds are required to run the day-to-day operations of the Authority.

According to the Trust Agreement, revenues must be transferred to the O&M Fund to cover expenses and maintain a reserve balance (see Revenue Distribution, page 141, and Cash Balances, page 136). A projected \$1.3 billion for O&M expense and reserve will be transferred from the Revenue Fund to the O&M Fund.

The estimated operating expenses for FY2024 are prepared by the individual departments and are expected to increase an average of 3.0% per year between FY2024 and FY2028. (See Appendix F page 145)

Introduction and Overview (continued)

	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Five-Year Totals FY2024 - FY2028
Total Revenues Available for Operations	\$ 1,099,375,725	\$ 1,257,712,801	\$ 1,297,371,125	\$ 1,354,091,550	\$ 1,406,540,975	\$ 1,463,636,375	\$ 6,779,352,826
OPERATION AND MAINTENANCE FUND							
Estimated Beginning Available Cash Balance	66,136,629	36,430,671	40,213,598	41,420,006	42,662,606	43,942,484	36,430,671
INFLOWS							
Transfer from Revenue Fund	188,878,067	245,064,515	249,726,443	257,218,237	264,934,784	272,882,827	1,289,826,805
Inter-Fund Transfers		-	-	-	-	-	-
TOTAL INFLOWS	188,878,067	245,064,515	249,726,443	257,218,237	264,934,784	272,882,827	1,289,826,805
OUTFLOWS							
Estimated Operating Expenses	(218,584,026)	(241,281,588)	(248,520,035)	(255,975,636)	(263,654,905)	(271,564,553)	(1,280,996,717)
TOTAL OUTFLOWS	(218,584,026)	(241,281,588)	(248,520,035)	(255,975,636)	(263,654,905)	(271,564,553)	(1,280,996,717)
Estimated Ending Available Cash Balance	36,430,671	40,213,598	41,420,006	42,662,606	43,942,484	45,260,759	45,260,759
Net Revenues Available for Debt Service	\$ 910,497,658	\$ 1,012,648,286	\$ 1,047,644,682	\$ 1,096,873,313	\$ 1,141,606,191	\$ 1,190,753,548	\$ 5,489,526,021

C. Debt Service Fund

In order to fund NTTA System expansions and capital improvements, NTTA has previously issued 1st and 2nd Tier debt. NTTA maintains Debt Service Funds to pay these debt obligations. Over the next five years, principal and interest requirements total \$3.4 billion. Payments for 1st and 2nd tier debt total \$3.4 billion which is funded from the Revenue Fund (see Revenue Distribution, page 141). Additionally, the System assisted with the financing of the construction of the CTP through subordinated debt and the construction of the PGBT through an ISTEAL loan. The subordinated debt payments total \$43.2 million for the next five years. While the subordinated debt and ISTEAL loan represent a portion of the NTTA System's indebtedness, they are not funded directly from the Net Revenues Available for Debt Service Fund but instead from the Capital Improvement Fund

The Trust Agreement requires a 1st tier debt service coverage (net revenues divided by net debt service) of 1.35 times. The Board of Directors established a more aggressive target of 1.50 times. The debt service coverage ranges from a low of 2.32 in FY2024 to a high of 2.41 in FY2028. (See page 11)

Introduction and Overview (continued)

	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Five-Year Totals FY2024 - FY2028
Net Revenues Available for Debt Service	\$ 910,497,658	\$ 1,012,648,286	\$ 1,047,644,682	\$ 1,096,873,313	\$ 1,141,606,191	\$ 1,190,753,548	\$ 5,489,526,021
DEBT SERVICE FUNDS							
Estimated Beginning Available Cash Balance	-	-	-	-	-	-	-
INFLOWS							
Transfer from Capital Improvement Fund	8,631,332	8,636,443	8,641,552	8,640,533	8,642,541	8,646,166	43,207,235
Transfer from Revenue Fund	641,247,561	684,428,979	684,430,143	687,064,942	687,063,410	689,834,889	3,432,822,362
TOTAL INFLOWS	649,878,892	693,065,422	693,071,695	695,705,475	695,705,950	698,481,055	3,476,029,597
OUTFLOWS							
1st Tier Debt Service	(414,862,798)	(436,163,716)	(466,964,880)	(475,357,929)	(478,678,397)	(493,630,377)	(2,350,795,299)
2nd Tier Debt Service	(226,384,763)	(248,265,263)	(217,465,263)	(211,707,013)	(208,385,013)	(196,204,513)	(1,082,027,063)
3rd Tier Debt Service	-	-	-	-	-	-	-
Total Debt Service	(641,247,561)	(684,428,979)	(684,430,143)	(687,064,942)	(687,063,410)	(689,834,889)	(3,432,822,362)
Capital Improvement Fund - Subordinate Debt	(8,631,332)	(8,636,443)	(8,641,552)	(8,640,533)	(8,642,541)	(8,646,166)	(43,207,235)
Capital Improvement Fund - Commercial Paper	-	-	-	-	-	-	-
Capital Improvement Fund - Revolving Note	-	-	-	-	-	-	-
Capital Improvement Fund - ISTEAL Loan	-	-	-	-	-	-	-
TOTAL OUTFLOWS	(649,878,892)	(693,065,422)	(693,071,695)	(695,705,475)	(695,705,950)	(698,481,055)	(3,476,029,597)
Estimated Ending Available Cash Balance	-	-	-	-	-	-	-
Net Revenues Available for Major Maintenance Projects	\$ 269,250,097	\$ 328,219,307	\$ 363,214,539	\$ 409,808,372	\$ 454,542,782	\$ 500,918,659	\$ 2,056,703,659
First Tier Debt Service Coverage	2.19	2.32	2.24	2.31	2.38	2.41	2.34
First & Second Tier Debt Service Coverage	1.42	1.48	1.53	1.60	1.66	1.73	1.60
All Debt Service Coverage	1.40	1.46	1.51	1.58	1.64	1.70	1.58
CIF Subordinated Debt Coverage	1.29	1.39	1.36	1.44	1.50	1.53	1.54

D. Reserve Maintenance Fund

This is the Authority's long-term plan for the renewal and replacement of capital assets. The Authority elected to use the Governmental Accounting Standards Board (GASB) 34 Modified Approach to account for the maintenance of infrastructure assets. As required by the Trust Agreement, an annual inspection of the Authority's roadways is conducted by the general engineering consultant. This inspection provides an assessment of conditions of all Authority infrastructure assets (roadways, bridges and facilities). The assessment of conditions is made by visual and mechanical tests designed to reveal any condition that would reduce user benefits below the set minimum level of service. The Authority's goal is to maintain the infrastructure assets at a rating of eight or better (1 to 10 scale).

Introduction and Overview (continued)

These condition levels were adopted by the Board of Directors Resolution No. 02-31 on June 19, 2002; and further clarified by Resolution No. 07-169 on December 19, 2007. The roads are maintained at the Authority's level in order to enhance the customers' driving experience.

The Reserve Maintenance Fund estimate for FY2024 through FY2028 is \$372.5 million, an average of \$74.5 million per year. This estimate is composed of \$372.5 million of project costs (see Reserve Maintenance Projects, pages 23-44).

The Reserve Maintenance Fund is funded from the Revenue Fund. Similar to the O&M Fund, the Trust Agreement requires a transfer be made to cover maintenance expenditures and maintain a required fund balance of \$5.0 million (see Revenue Distribution, page 141, and Cash Balances, page 136).

	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Five-Year Totals FY2024 - FY2028
Net Revenues Available for Reserve Maintenance Projects	\$ 269,250,097	\$ 328,219,307	\$ 363,214,539	\$ 409,808,372	\$ 454,542,782	\$ 500,918,659	\$ 2,056,703,659
RESERVE MAINTENANCE FUND							
Estimated Beginning Available Cash Balance	34,015,582	47,187,116	-	-	-	-	47,187,116
INFLOWS							
Transfer from Revenue Fund	54,908,117	37,862,367	78,203,424	65,283,267	66,727,810	77,264,000	325,340,868
TOTAL INFLOWS	54,908,117	37,862,367	78,203,424	65,283,267	66,727,810	77,264,000	325,340,868
OUTFLOWS							
RMF Project Expenses	(41,736,583)	(85,049,483)	(78,203,424)	(65,283,267)	(66,727,810)	(77,264,000)	(372,527,984)
TOTAL OUTFLOWS	(41,736,583)	(85,049,483)	(78,203,424)	(65,283,267)	(66,727,810)	(77,264,000)	(372,527,984)
Estimated Ending Available Cash Balance	47,187,116	-	-	-	-	-	-
RMF Reserve Account							
Estimated Ending Cash Balance/RMF Reserve	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Net Revenues Available for Capital Improvement Projects	\$ 214,341,980	\$ 290,356,940	\$ 285,011,115	\$ 344,525,105	\$ 387,814,972	\$ 423,654,659	\$ 1,731,362,791

Introduction and Overview (continued)

E. Capital Improvement Fund

The Capital Improvement Fund (CIF) accounts for the Authority's long-term expansions, improvements, reconstructions and replacements to the NTTA System. Over the next five years, capital improvement projects total \$1.6 billion (see Capital Improvement Projects, pages 47-131). The projects listed for FY2024 to FY2028 have been approved by executive management through the capital plan process (see Capital Plan process, pages 136-138). Funds for the CIF flow from the Revenue Fund to the extent there are excess revenues (see Revenue Distribution, page 142). The estimated contribution to CIF over the next five years is \$1.8 billion. The FY2024 – FY2028 Capital Plan contains \$43.2 million for subordinated debt. The Authority's executive management anticipates establishing a \$140.0 million Rainy Day Fund by 2028. (see Cash Balance, pages 14 and 136).

Introduction and Overview (continued)

	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Five-Year Totals FY2024 - FY2028
Net Revenues Available for Capital Improvement Projects	\$ 214,341,980	\$ 290,356,940	\$ 285,011,115	\$ 344,525,105	\$ 387,814,972	\$ 423,654,659	\$ 1,731,362,791
CAPITAL IMPROVEMENT FUND							
Estimated Beginning CIF Cash Balance Available for Projects	686,251,998	770,992,895	754,035,831	723,247,434	717,958,633	740,387,234	770,992,895
INFLOWS							
Transfer from Revenue Fund	214,341,980	290,356,940	285,011,115	344,525,105	387,814,972	423,654,659	1,731,362,791
Commercial Paper/Revolving Note Issuance	-	-	-	-	-	-	-
Reimbursement from Prosper - US 380	-	7,600,000	-	-	-	-	7,600,000
Denton County ILA - DNT Phase 4B	-	10,000	-	-	-	-	10,000
DNT Expansion ILA - SRT to US 380 (City of Frisco)	-	1,000,000	8,500,000	-	-	-	9,500,000
DNT Phase 4A (City of Celina)	-	-	-	-	11,000,000	-	11,000,000
DNT Phase 4A (Town of Prosper)	-	-	-	-	5,000,000	-	5,000,000
Reimbursement from NETRMA	500,000	-	-	-	-	-	-
Reimbursement from TxDOT - Bridge CTP	-	1,433,724	10,381,873	9,227,410	1,476,980	-	22,519,987
Transfer from Rainy Day Fund	-	-	-	-	-	-	-
NET INFLOWS AVAILABLE FOR CIF EXPENSES	214,841,980	300,400,664	303,892,988	353,752,515	405,291,952	423,654,659	1,786,992,778
OUTFLOWS							
Commercial Paper/Revolving Note Payment	-	-	-	-	-	-	-
CIF Project Expenses	(108,969,751)	(283,721,285)	(326,039,833)	(340,400,783)	(374,220,810)	(285,484,151)	(1,609,866,862)
Transfer to Debt Service Funds	-	-	-	-	-	-	-
Transfer to NTTA System Construction Funds	-	-	-	-	-	-	-
Transfer to CIF Bond Payment Account	(8,631,332)	(8,636,443)	(8,641,552)	(8,640,533)	(8,642,541)	(8,646,166)	(43,207,235)
Transfer to Debt Service Fund for ISTEPA Payment	-	-	-	-	-	-	-
Transfer to CIF Rainy Day Fund Account	(12,500,000)	(25,000,000)	-	(10,000,000)	-	(5,000,000)	(40,000,000)
TOTAL OUTFLOWS	(130,101,083)	(317,357,728)	(334,681,385)	(359,041,316)	(382,863,351)	(299,130,317)	(1,693,074,097)
Estimated Ending CIF Cash Balance Available for Projects	770,992,895	754,035,831	723,247,434	717,958,633	740,387,234	864,911,576	864,911,576
CIF Bond Payment Account							
Estimated Beginning CIF Bond Payment Account Cash Balance	8,669,813	8,669,813	8,669,813	8,669,813	8,669,813	8,669,813	8,669,813
Transfers from CIF Cash Account	8,631,332	8,636,443	8,641,552	8,640,533	8,642,541	8,646,166	43,207,235
Transfer to Debt Service Fund for CIF Subordinated Debt Payment	(8,631,332)	(8,636,443)	(8,641,552)	(8,640,533)	(8,642,541)	(8,646,166)	(43,207,235)
Estimated Ending CIF Bond Payment Account Cash Balance	8,669,813	8,669,813	8,669,813	8,669,813	8,669,813	8,669,813	8,669,813
CIF Rainy Day Fund Account							
Estimated Beginning CIF Rainy Day Fund Account Cash Balance	87,500,000	100,000,000	125,000,000	125,000,000	135,000,000	135,000,000	100,000,000
Transfers from CIF Cash Account	12,500,000	25,000,000	-	10,000,000	-	5,000,000	40,000,000
Transfers to CIF Cash Account	-	-	-	-	-	-	-
Estimated Ending CIF Rainy Day Fund Account Cash Balance	100,000,000	125,000,000	125,000,000	135,000,000	135,000,000	140,000,000	140,000,000
Estimated Ending Total CIF Cash Balances	\$ 879,662,708	\$ 887,705,644	\$ 856,917,247	\$ 861,628,445	\$ 884,057,046	\$ 1,013,581,388	\$ 1,013,581,388

Project Types & Funding Sources

RESERVE MAINTENANCE PROJECTS

Projects included in this category are maintenance projects that do not recur on an annual or more frequent basis. These are projects required to maintain the system assets at an agency approved level; emergency repairs to maintain safety or prevent loss of revenue; and, for replacement or additional fleet and equipment. Additional projects include the replacement or purchase of additional computer equipment (including software) and replacement of All-Electronic and communication equipment. Funding for these projects comes from the remaining revenues available after Operation and Maintenance (O&M) costs and debt service obligations have been satisfied.

CAPITAL IMPROVEMENT PROJECTS

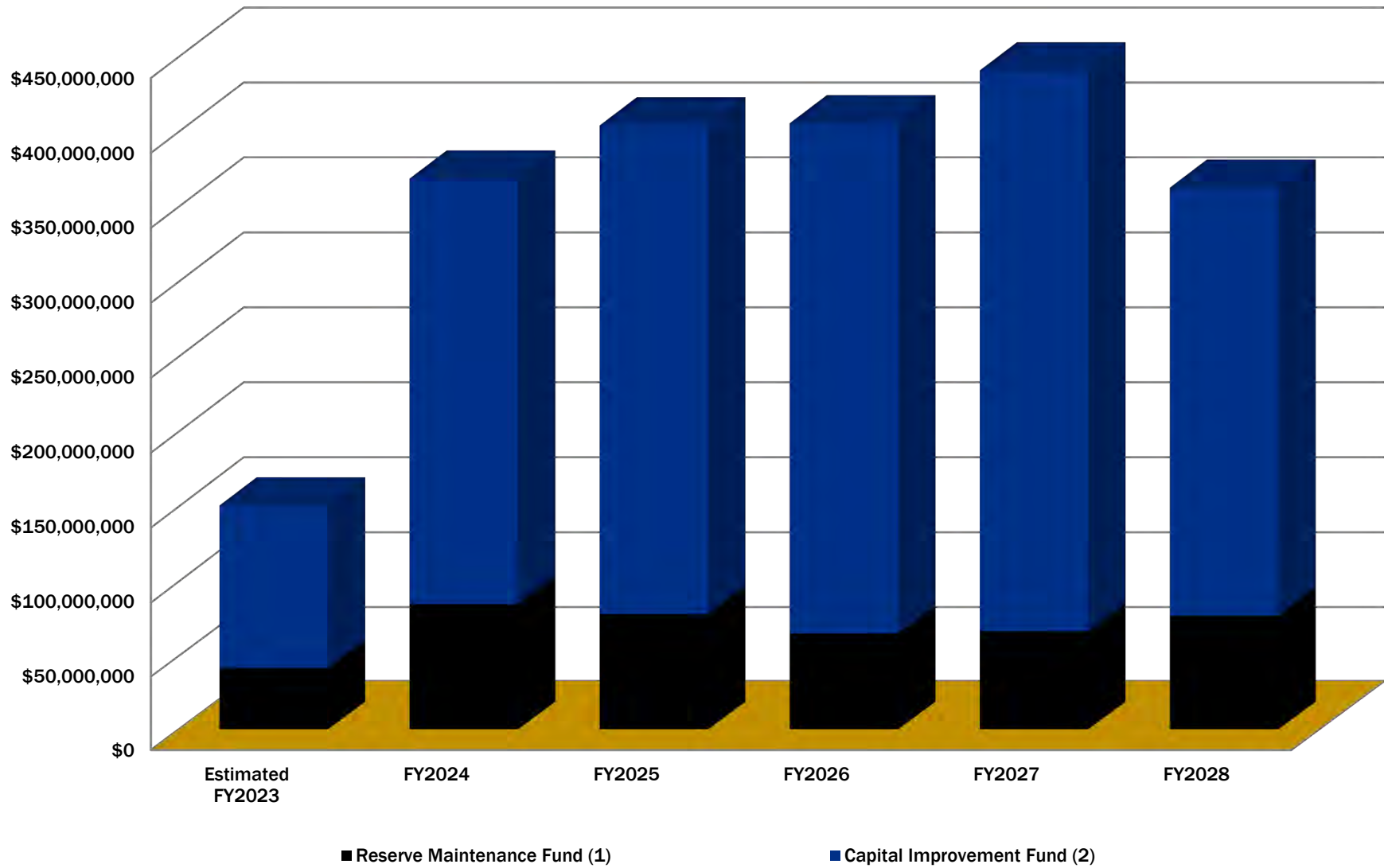
Projects included in this category are large, nonrecurring items that increase toll revenue; improve safety, increase capacity or efficiency of the system. These projects are new roadway construction, existing roadway expansions, improvements and/or reconstruction and major emergency repairs. In addition, projects with capital expenses unrelated to new road construction and/or maintenance are included here such as purchasing and implementing new systems, software and enhancements of existing system. Funding for these projects comes from the remaining annual revenues available after O&M costs, debt service and reserve maintenance costs have been satisfied. In some cases, the Authority may issue debt for capital improvement projects.

**FY2024 - FY2028 CAPITAL PLAN
SUMMARY PROJECT COSTS BY FUND**

Project Type	Estimated FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Five Year Total FY2024 - FY2028
Reserve Maintenance Fund (1)	\$41,736,583	\$85,049,483	\$78,203,424	\$65,283,267	\$66,727,810	\$77,264,000	\$372,527,984
Capital Improvement Fund (2)	108,969,751	283,721,285	326,039,833	340,400,783	374,220,810	285,484,151	1,609,866,862
Totals	\$150,706,334	\$368,770,768	\$404,243,257	\$405,684,050	\$440,948,620	\$362,748,151	\$1,982,394,846

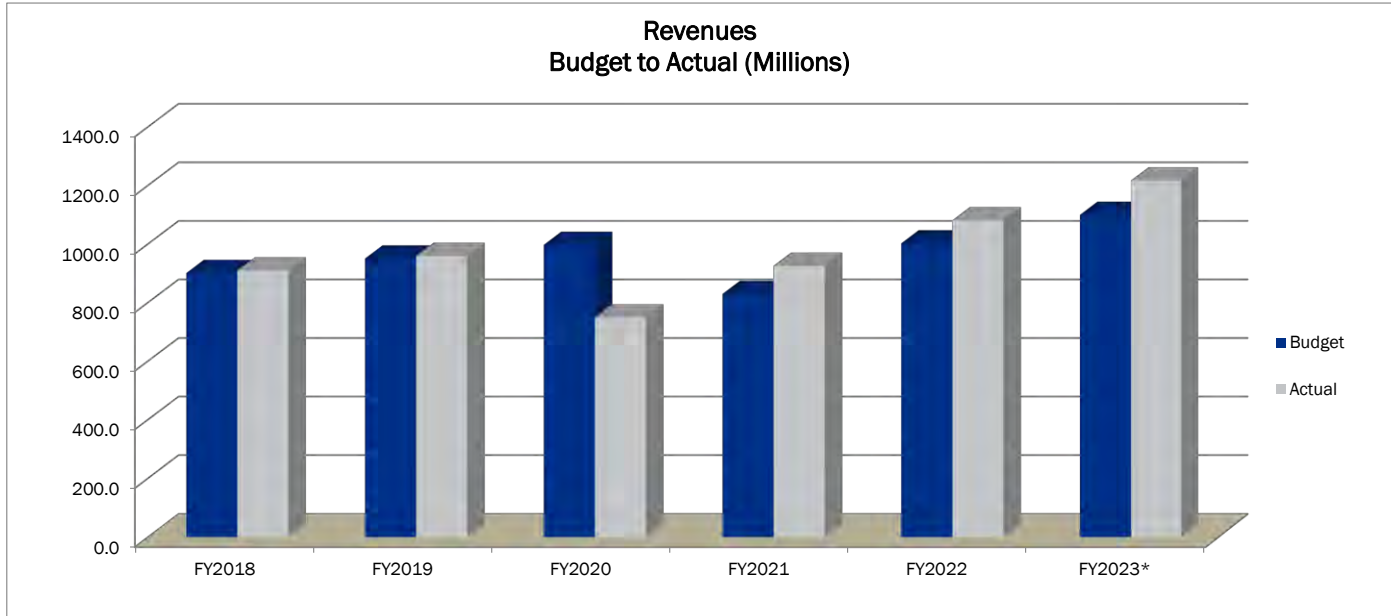
Report contains only project costs.
 (1) List of projects see page 24-25.
 (2) List of projects see pages 54-57.

Capital Plan Costs by Fund



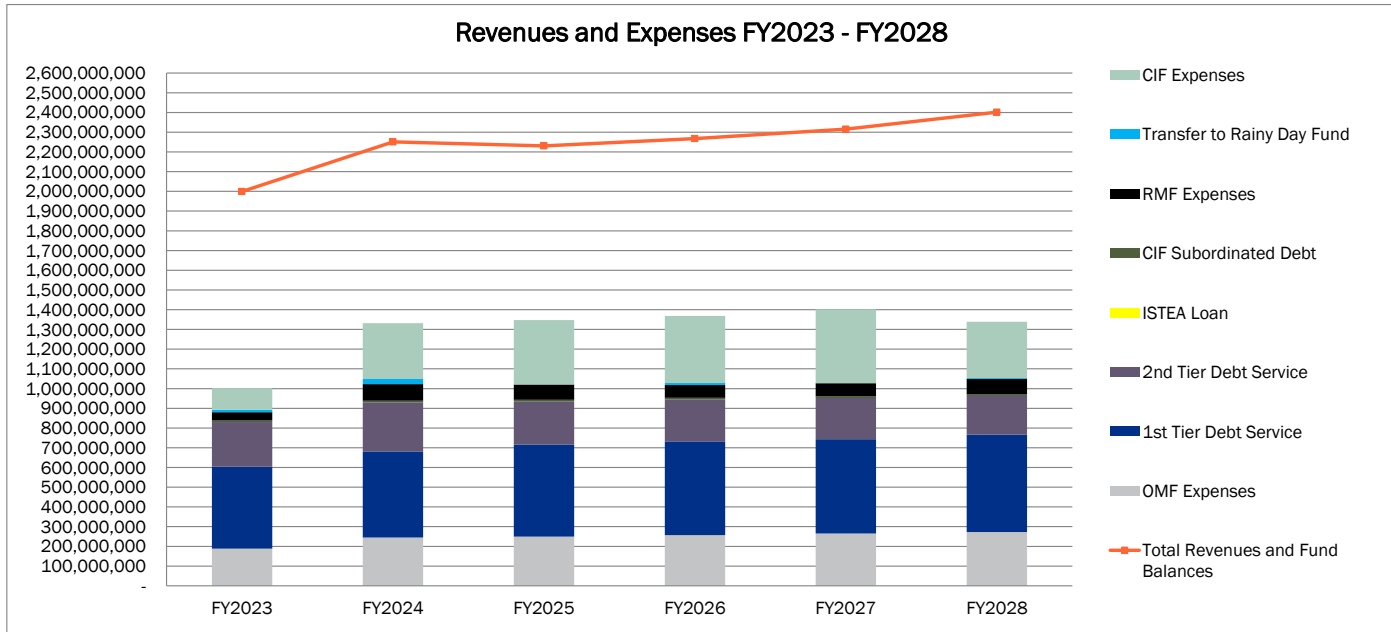
Informational Graphs

**Revenues
Budget to Actual (Millions)**

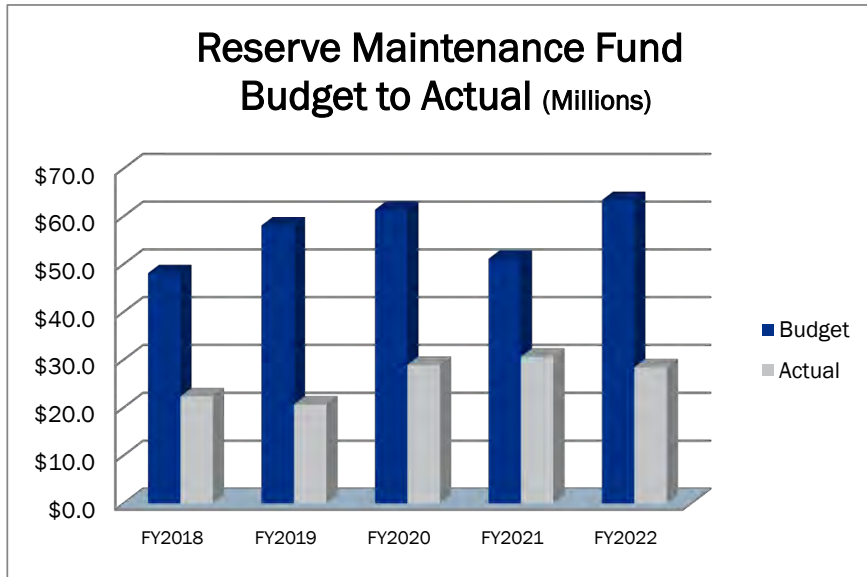


*Actual amount for FY2023 is based on estimates provided by CDM Smith, Inc.

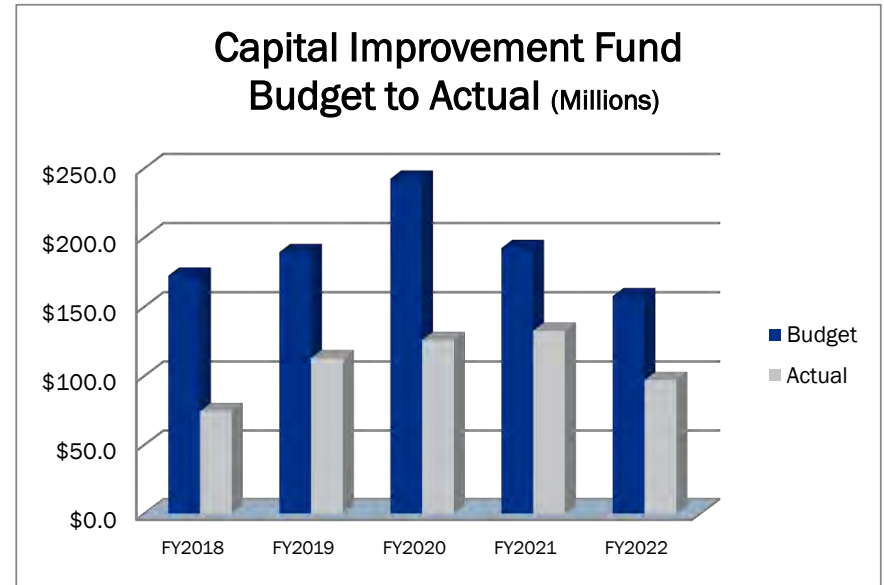
Revenues and Expenses FY2023 - FY2028



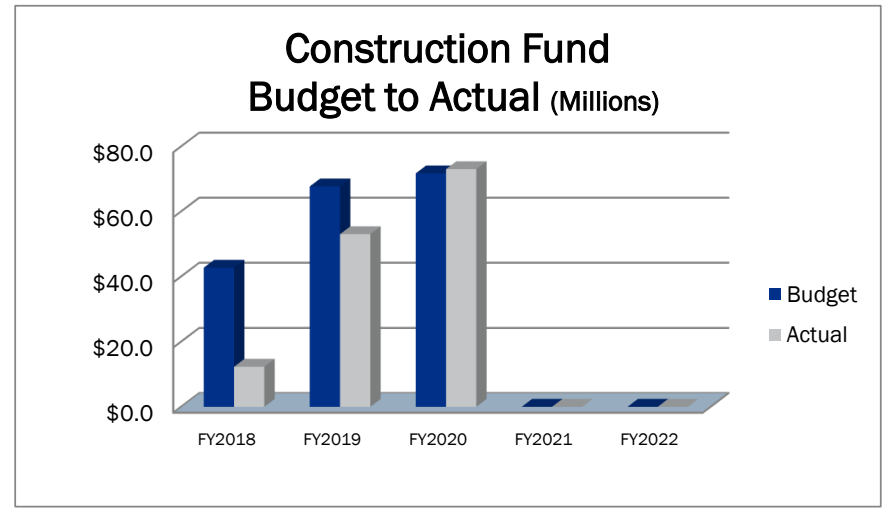
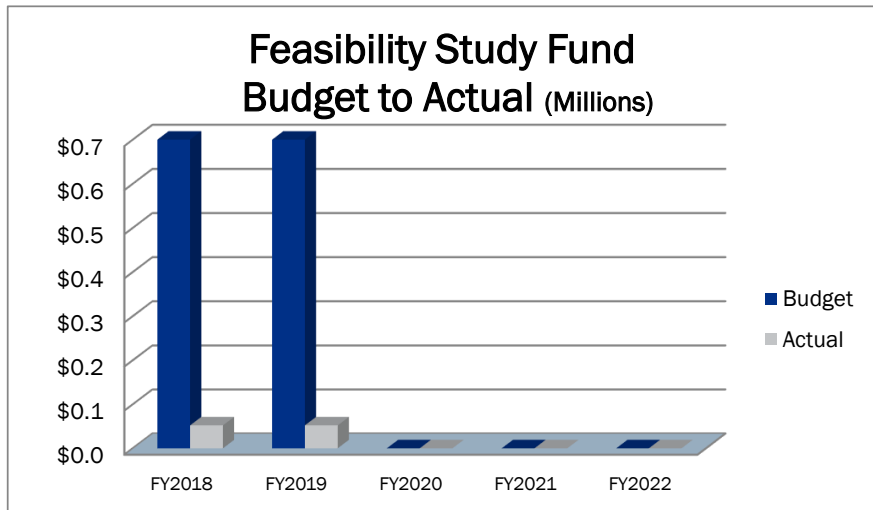
Historical Informational Graphs



RMF Projects re-evaluated and prioritized throughout the year

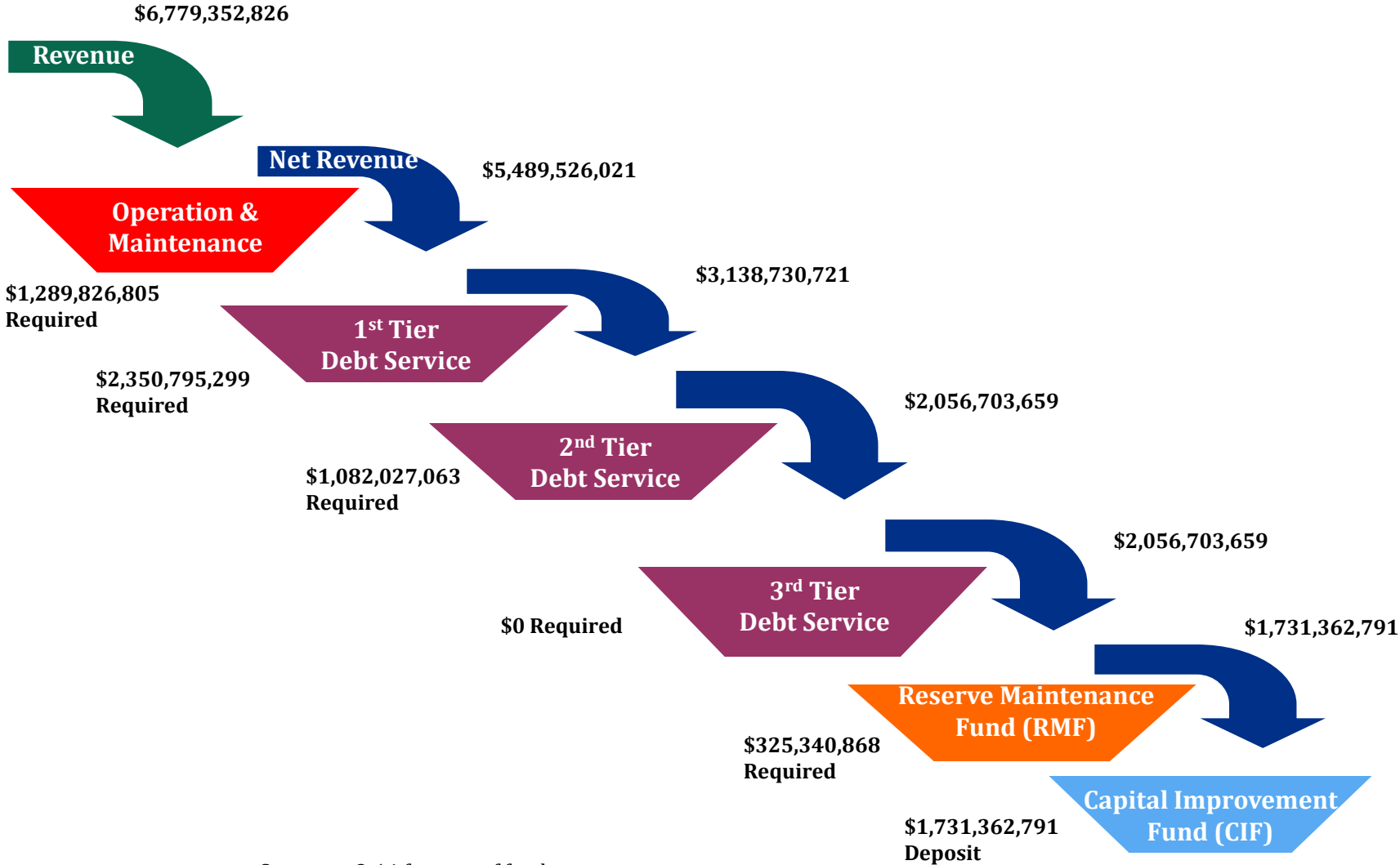


CIF Projects re-evaluated and prioritized throughout the year



All construction projects coming to completion

NTTA System Flow of Funds FY2024 - FY2028



See pages 8-14 for uses of funds.

RESERVE MAINTENANCE PROJECTS



Placing concrete on Dallas North Tollway extension bridge over US 380

Reserve Maintenance Projects

Reserve maintenance projects include repairs and maintenance, painting, renewals, replacements, improvements and other projects necessary for the safe or efficient operation of NTTA toll roads or to prevent loss of revenues. These projects are not typically included as part of the normal, day-to-day operations, but should be viewed as part of the overall long-term maintenance of NTTA assets.

Projects include, but are not limited to the following:

ANNUAL ASSET CONDITION INSPECTION

An inspection of NTTA assets is performed annually to assist in identifying potential maintenance projects. This allows staff to properly allocate funds during the annual budgeting process. It also allows staff to plan for future major maintenance expenditures. The Capital Plan includes \$18.5 million for this category over the next five years.

SYSTEM-WIDE MAINTENANCE PROJECTS (ROADWAY, BRIDGES, BUILDINGS, WALLS AND OTHER ASSETS)

NTTA has chosen to maintain all of its long-term assets at an approved performance level. Each year after the annual asset condition inspection is completed by the general engineering consultant; individual projects are prioritized and then selected for inclusion into the following fiscal year budget. The Capital Plan includes \$262.4 million for this category over the next five years.

FLEET AND EQUIPMENT PURCHASES / ADDITIONAL & REPLACEMENTS

NTTA purchases additional fleet vehicles and equipment in proportion to any increases in lane miles. NTTA replaces fleet vehicles and equipment at specific intervals based on useful life and necessity. Once purchased, fleet vehicles and equipment used primarily for ongoing operations and maintenance. The Capital Plan includes \$25.6 million for this category over the next five years.

HARDWARE/SOFTWARE REPLACEMENTS AND UPGRADES

NTTA purchases and replaces hardware/software at specific intervals based on useful life and necessity. Once implemented, the hardware/software are primarily used for ongoing operations and maintenance. The Five-Year Capital Plan includes \$64.1 million for this category.



Reserve Maintenance Fund - (1201) - Project List FY2024 - FY2028 CAPITAL PLAN

Department	Project	Estimated FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Five Year Total FY2024 - FY2028
Procurement - (10521)	0000000 - No Project (Ads) (1)	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$95,000
	Procurement - (10521) Total	19,000	19,000	19,000	19,000	19,000	19,000	95,000
Internal Audit - (10811)	0000000 - No Project (Audit Fees) (2)	11,630	0	0	0	0	0	0
	Internal Audit - (10811) Total	11,630	0	0	0	0	0	0
Legal - (10911)	0000000 - No Project (Legal Fees) (3)	40,000	40,000	40,000	40,000	40,000	40,000	200,000
	Legal - (10911) Total	40,000	40,000	40,000	40,000	40,000	40,000	200,000
Information Technology - (20111)	1000431 - IT Roadway Systems (4)	6,000,000	4,800,000	4,200,000	3,000,000	3,000,000	3,000,000	18,000,000
Information Technology - (20111)	1000825 - Server Hardware Upgrades and Replacements (5)	8,970,000	8,970,000	8,970,000	8,970,000	8,970,000	8,960,000	44,840,000
Information Technology - (20111)	1000826 - Computer Hardware Upgrades and Replacements (6)	1,676,500	1,676,500	1,676,500	1,676,500	1,676,500	1,676,500	8,382,500
Information Technology - (20111)	1000827 - Printer Hardware Upgrades and Replacements (7)	200,000	200,000	200,000	200,000	200,000	200,000	1,000,000
Information Technology - (20111)	1000828 - Network Equip. & Comm. Systems Replacement (8)	1,888,500	1,888,500	1,888,500	1,500,000	1,500,000	1,500,000	8,277,000
Information Technology - (20111)	1000829 - Software and Licensing (9)	298,000	450,000	300,000	300,000	300,000	300,000	1,650,000
	Information Technology - (20111) Total	19,033,000	17,985,000	17,235,000	15,646,500	15,646,500	15,636,500	82,149,500
Admin Infrastructure - (20221)	1000009 - Landscaping (10)	550,000	550,000	550,000	600,000	600,000	600,000	2,900,000
Admin Infrastructure - (20221)	1000026 - RMF - Fleet (11)	3,603,500	7,152,400	5,913,443	4,866,410	4,745,400	2,978,500	25,656,153
Admin Infrastructure - (20221)	1000030 - Facility Improvements (12)	3,085,000	4,778,554	3,551,500	4,003,000	3,568,500	3,009,000	18,910,554
	Admin Infrastructure - (20221) Total	7,238,500	12,480,954	10,014,943	9,469,410	8,913,900	6,587,500	47,466,707
Roadway - (20231)	1000841-360T Comprehensive Maintenance Agreement (13)	675,455	0	0	753,385	2,742,850	0	3,496,235
	Roadway - (20231) Total	675,455	0	0	753,385	2,742,850	0	3,496,235
Project Delivery - (20511)	1000011 - Restriping (14)	5,921,381	5,566,000	7,636,600	5,186,900	11,246,500	20,886,000	50,522,000
Project Delivery - (20511)	1000013 - Erosion Mitigation & Drainage Repairs (15)	11,793,322	12,206,000	3,250,000	1,610,000	3,325,000	925,000	21,316,000
Project Delivery - (20511)	1000018 - Pavement Repair and Rehab. (16)	6,400,198	18,038,000	19,177,600	16,739,300	8,323,050	15,420,100	77,698,050
Project Delivery - (20511)	1000020 - Signage (17)	4,215,000	2,230,000	3,766,700	2,293,450	1,129,000	3,397,600	12,816,750
Project Delivery - (20511)	1000028 - Systemwide Bridge Repair (18)	6,275,000	5,830,000	6,425,000	3,625,000	3,125,000	3,000,000	22,005,000
Project Delivery - (20511)	1000031 - Inspection Services (19)	3,478,262	3,352,529	3,568,581	3,724,322	3,613,910	4,257,300	18,516,642
Project Delivery - (20511)	1000042 - General Engineering (20)	3,198,599	2,900,000	3,020,000	3,146,000	3,278,000	3,417,000	15,761,000
Project Delivery - (20511)	1000040 - Wall, Railings & Steel Elements Repair (21)	5,860,077	3,947,000	3,450,000	1,740,000	5,000,100	3,328,000	17,465,100
Project Delivery - (20511)	1000041 - Lighting Replacement or Repair (22)	3,135,077	200,000	325,000	1,015,000	0	0	1,540,000
	Project Delivery - (20511) Total	50,276,916	54,269,529	50,619,481	39,079,972	39,040,560	54,631,000	237,640,542
Traffic & Incndnt Mngmt - (20611)	0000000 - No Project (Roadway Safety Service Tools) (23)	75,000	130,000	150,000	150,000	200,000	225,000	855,000
	Traffic & Incndnt Mngmt - (20611) Total	75,000	130,000	150,000	150,000	200,000	225,000	855,000
Traffic & Incndnt Mngmt - (20611)	0000000 - No Project (Traffic Engineering Fees) (24)	175,000	125,000	125,000	125,000	125,000	125,000	625,000
	Traffic & Incndnt Mngmt - (20611) Total	175,000	125,000	125,000	125,000	125,000	125,000	625,000
Totals		\$77,544,501	\$85,049,483	\$78,203,424	\$65,283,267	\$66,727,810	\$77,264,000	\$372,527,984

Department	Project	Estimated FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Five Year Total FY2024 - FY2028
FY2023 Carryover Projects and Adjustments								
(1)Procurement - (10521)	0000000 - No Project (Ads)	(7,600)	0	0	0	0	0	0
(2)Internal Audit - (10811)	0000000 - No Project (Audit Fees)	(4,652)	0	0	0	0	0	0
(3)Legal - (10911)	0000000 - No Project (Legal Fees)	(16,000)	0	0	0	0	0	0
(4)Information Technology - (20111)	1000431 - IT Roadway Systems	(2,400,000)	0	0	0	0	0	0
(5)Information Technology - (20111)	1000825 - Server Hardware Upgrades and Replacements	(3,588,000)	0	0	0	0	0	0
(6)Information Technology - (20111)	1000826 - Computer Hardware Upgrades and Replacements	(670,600)	0	0	0	0	0	0
(7)Information Technology - (20111)	1000827 - Printer Hardware Upgrades and Replacements	(80,000)	0	0	0	0	0	0
(8)Information Technology - (20111)	1000828 - Network Equip. & Comm. Systems Replacement	(755,400)	0	0	0	0	0	0
(9)Information Technology - (20111)	1000829 - Software and Licensing	(119,200)	0	0	0	0	0	0
(10)Admin Infrastructure - (20221)	1000009 - Landscaping	(450,686)	0	0	0	0	0	0
(11)Admin Infrastructure - (20221)	1000026 - RMF - Fleet	(3,116,116)	0	0	0	0	0	0
(12)Admin Infrastructure - (20221)	1000030 - Facility Improvements	38,809	0	0	0	0	0	0
(13) Roadway - (20231)	1000841-360T Comprehensive Maintenance Agreement	(675,455)	0	0	0	0	0	0
(14)Project Delivery - (20511)	1000011 - Restriping	309,033	0	0	0	0	0	0
(15)Project Delivery - (20511)	1000013 - Erosion Mitigation & Drainage Repairs	(6,727,105)	0	0	0	0	0	0
(16)Project Delivery - (20511)	1000018 - Pavement Repair and Rehab.	(795,233)	0	0	0	0	0	0
(17)Project Delivery - (20511)	1000020 - Signage	(1,294,145)	0	0	0	0	0	0
(18)Project Delivery - (20511)	1000028 - Systemwide Bridge Repair	(3,497,323)	0	0	0	0	0	0
(19)Project Delivery - (20511)	1000031 - Inspection Services	(512,338)	0	0	0	0	0	0
(20)Project Delivery - (20511)	1000042 - General Engineering	(2,755,433)	0	0	0	0	0	0
(21)Project Delivery - (20511)	1000040 - Wall, Railings & Steel Elements Repair	(5,321,353)	0	0	0	0	0	0
(22)Project Delivery - (20511)	1000041 - Lighting Replacement or Repair	(3,135,077)	0	0	0	0	0	0
(23)Traffic & Incdnt Mngmt - (20611)	0000000 - No Project (Roadway Safety Service Tools)	(59,044)	0	0	0	0	0	0
(24)Traffic & Incdnt Mngmt - (20611)	0000000 - No Project (Traffic Engineering Fees)	(175,000)	0	0	0	0	0	0
Totals		(\$35,807,918)	\$0	\$0	\$0	\$0	\$0	\$0
Total FY2024 - FY2028 Reserve Maintenance Project Costs		\$41,736,583	\$85,049,483	\$78,203,424	\$65,283,267	\$66,727,810	\$77,264,000	\$372,527,984

Report contains only project costs.

Project Detail

Project Number:	1000431	Budget Year:	2024
Project Title:	IT Roadway Systems	Manager:	Information Technology
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: IT roadway systems replacement parts, tools and services required to maintain performance.

Justification: IT roadway systems must be replaced and maintained to collect toll and traffic data (i.e., toll and intelligent transportation system cameras, lane controllers, readers and antenna, uninterruptable power supplies, etc.).

Comments: N/A

Project Forecast

Year	Total Budget
2024	\$ 4,800,000
2025	4,200,000
2026	3,000,000
2027	3,000,000
2028	3,000,000
	\$ 18,000,000

Project Details 2024

Account	Description	Total Amount
Expenses		
541401	Infrastructure Rdway/Hwy/Bridg	4,800,000
	Total Expenses:	\$ 4,800,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000825	Budget Year:	2024
Project Title:	Server Hardware Upgrades and Replacements	Manager:	Information Technology
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: NTTA servers and storage infrastructure are on a three-to-five-year replacement schedule; requires support, maintenance, and associated services.

Justification: The infrastructure for the various NTTA systems requires replacement, and support and maintenance agreements.

Comments: N/A

Project Forecast

Year	Total Budget
2024	8,970,000
2025	8,970,000
2026	8,970,000
2027	8,970,000
2028	8,960,000
	\$ 44,840,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531641	Computers	8,970,000
	Total Expenses:	\$ 8,970,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000826	Budget Year:	2024
Project Title:	Computer Hardware Upgrades and Replacements	Manager:	Information Technology
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Supply, upgrade, or replace end point computers, workstations and laptops, and associated support and maintenance services.

Justification: End point computers, workstations and laptops, have a usable lifespan of three to four years and require extended support, maintenance, and other services.

Comments: N/A

Project Forecast
Year

	Total Budget
2024	1,676,500
2025	1,676,500
2026	1,676,500
2027	1,676,500
2028	1,676,500
	\$ 8,382,500

Project Details 2024

Account	Description	Total Amount
Expenses		
531641	Computers	1,676,500
	Total Expenses:	\$ 1,676,500

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000827	Budget Year:	2024
Project Title:	Printer Hardware Upgrades and Replacements	Manager:	Information Technology
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Replace, upgrade, and add printers; support, maintain, parts and supplies, and other associated services.

Justification: The average life cycle for a printer is three to five years and business needs may require upgraded or additional printers.

Comments: N/A

Project Forecast
Year

	Total Budget
2024	200,000
2025	200,000
2026	200,000
2027	200,000
2028	200,000
	\$ 1,000,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531641	Computers	200,000
	Total Expenses:	\$ 200,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000828	Budget Year:	2024
Project Title:	Network Equip. & Comm. Systems Replacement	Manager:	Information Technology
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Replacement, upgrade, or additional network and communications systems hardware, software, support, maintenance, and services.

Justification: Network and communications systems (i.e., switches, routers, etc.) have a replacement life cycle of three to five years.

Comments: N/A

Project Forecast

Year	Total Budget
2024	1,888,500
2025	1,888,500
2026	1,500,000
2027	1,500,000
2028	1,500,000
	\$ 8,277,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531106	Electronic Supplies	1,888,500
	Total Expenses:	\$ 1,888,500

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000829	Budget Year:	2024
Project Title:	Software and Licensing	Manager:	Information Technology
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Software and other services associated with requirements identified by NTTA departments.

Justification: Software required for user licenses and to increase the efficiency of operations (i.e., end user technologies like Adobe, Cisco Agents licenses, Verint licenses. etc.).

Comments: N/A

**Project Forecast
Year**

	Total Budget
2024	450,000
2025	300,000
2026	300,000
2027	300,000
2028	300,000
	\$ 1,650,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	450,000
	Total Expenses:	\$ 450,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000009	Budget Year:	2024
Project Title:	Landscape	Manager:	Maintenance
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20200-Total Maintenance	Total Project Cost:	Annual Budget
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Revitalization/replacement of plants in landscape beds due to age or disease.

Justification: To maintain NTTA assets to the Board-approved level of quality. Projects must be performed at the "right time" to prevent higher cost of repairs at a later time.

Comments: N/A

**Project Forecast
Year**

	Total Budget
2024	550,000
2025	550,000
2026	600,000
2027	600,000
2028	600,000
	\$ 2,900,000

Project Details 2024

Account	Description	Total Amount
Expenses		
522202	Landscaping	550,000
	Total Expenses:	\$ 550,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000026	Budget Year:	2024
Project Title:	RMF - Fleet	Manager:	Maintenance
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20200-Total Maintenance	Total Project Cost:	Annual Budget
Project Type:	Fleet/Equipment	Prior Years Cost:	

Description: Purchase/replacement of trucks, fleet & equipment.

Justification: Replace equipment determined more costly to operate & maintain than new equipment or is unable to operate at a level effective enough to maintain NTTA's system to Board-approved performance level.

Comments: N/A

Project Forecast

Year	Total Budget
2024	7,152,400
2025	5,913,443
2026	4,866,410
2027	4,745,400
2028	2,978,500
	\$ 25,656,153

Project Details 2024

Account	Description	Total Amount
Expenses		
531611	Machinery	1,684,700
531621	Vehicles	5,467,700
	Total Expenses:	\$ 7,152,400

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000030	Budget Year:	2024
Project Title:	Facility Improvements	Manager:	Maintenance
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20200-Total Maintenance	Total Project Cost:	Annual Budget
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Building improvements, extensions, enlargements, additions, reconstruction and replacement. Projects include HVAC Replacements and AATT fan replacement.

Justification: To maintain NTTA assets to the Board-approved level of quality. Projects must be performed at the "right time" to prevent higher cost of repairs at a later time.

Comments: N/A

Project Forecast

Year	Total Budget
2024	4,778,554
2025	3,551,500
2026	4,003,000
2027	3,568,500
2028	3,009,000
	\$ 18,910,554

Project Details 2024

Account	Description	Total Amount
Expenses		
541302	Building Improvements	4,778,554
	Total Expenses:	\$ 4,778,554

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000841	Budget Year:	2024
Project Title:	360T Comprehensive Maintenance Agreement	Manager:	Maintenance
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20200-Total Maintenance	Total Project Cost:	Annual Budget
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Repair projects for roadway pavements, bridge, and ROW erosion, such as striping, pavement profile and surface friction improvements, restriping, sign replacements, installation of erosion mats and earth work.

Justification: To maintain NTTA assets at or above the Board-approved level of quality and ultimately for the safety of NTTA's customers. Projects must be performed at the "right time" to prevent further higher cost of repairs at a later time.

Comments:

Project Forecast

Year	Total Budget
2024	0
2025	0
2026	753,385
2027	2,742,850
2028	0
	\$ 3,496,235

Project Details 2024

Account	Description	Total Amount
Expenses		
522201	Repairs and Maintenance	-
	Total Expenses:	-

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000011	Budget Year:	2024
Project Title:	Restriping	Manager:	Project Delivery
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	Annual Budget
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Major roadway re-striping projects.
To address pavement markings, pavement markers, delineation and object markers that have met the end of their useful life.

Justification: To maintain visibility and reflectivity, especially during nighttime and inclement weather conditions to enhance traffic safety.

Comments: N/A

Project Forecast

Year	Total Budget
2024	5,566,000
2025	7,636,600
2026	5,186,900
2027	11,246,500
2028	20,886,000
	\$ 50,522,000

Project Details 2024

Account	Description	Total Amount
Expenses		
522204	Pavement Markings	5,566,000
	Total Expenses:	\$ 5,566,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000013	Budget Year:	2024
Project Title:	Erosion Mitigation & Drainage Repairs	Manager:	Project Delivery
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	Annual Budget
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Major channel, ditch or embankment erosion projects. To mitigate erosion along channels encroaching on bridge columns or outfall systems, stabilize embankments, add/repair/enlarge drainage structures to adequately convey water, or regrade ditches to re-establish proper flow.

Justification: To maintain NTTA assets at or above the Board-approved level of quality. Projects must be performed at the "right time" to prevent higher cost of repairs at a later time.

Comments: N/A

Project Forecast

Year	Total Budget
2024	12,206,000
2025	3,250,000
2026	1,610,000
2027	3,325,000
2028	925,000
	\$ 21,316,000

Project Details 2024

Account	Description	Total Amount
Expenses		
541401	Infrastructure Rdway/Hwy/Bridg	12,206,000
	Total Expenses:	\$ 12,206,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000018	Budget Year:	2024
Project Title:	Pavement Repair and Rehab	Manager:	Project Delivery
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	Annual Budget
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Major roadway repair or rehabilitation projects. To address base failures, significant sub-grade movement, joint deterioration, unsealed joints and cracks, pavement surface deterioration of main lanes and shoulders & surface skid resistance.

Justification: To maintain NTTA assets at or above the Board-approved level of quality. Projects must be performed at the "right time" to prevent higher cost of repairs at a later time.

Comments: N/A

Project Forecast

Year	Total Budget
2024	18,038,000
2025	19,177,600
2026	16,739,300
2027	8,323,050
2028	15,420,100
	\$ 77,698,050

Project Details 2024

Account	Description	Total Amount
Expenses		
522205	Pavement & Shoulders	18,038,000
	Total Expenses:	\$ 18,038,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000020	Budget Year:	2024
Project Title:	Signage	Manager:	Project Delivery
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	Annual Budget
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Major roadway sign replacement projects. To address large guide sign and roadside panels that have met the end of their useful life due to degradation of their retroreflectivity.

Justification: To maintain visibility and reflectivity to enhance traffic safety.

Comments: N/A

Project Forecast

Year	Total Budget
2024	2,230,000
2025	3,766,700
2026	2,293,450
2027	1,129,000
2028	3,397,600
	\$ 12,816,750

Project Details 2024

Account	Description	Total Amount
Expenses		
522203	Signing Expense	2,230,000
	Total Expenses:	\$ 2,230,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000028	Budget Year:	2024
Project Title:	System-Wide Bridge Repair	Manager:	Project Delivery
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	Annual Budget
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Bridge repair projects include such items as approach slab settlement or buckling, abutment wall cracking, bent cap cracking, wear of driving surface (skid resistance), and bridge deck deterioration.

Justification: To maintain NTTA assets at or above the Board-approved level of quality and ultimately for the safety of NTTA's customers. Projects must be performed at the "right time" to prevent further higher cost of repairs at a later time.

Comments: N/A

Project Forecast

Year	Total Budget
2024	5,830,000
2025	6,425,000
2026	3,625,000
2027	3,125,000
2028	3,000,000
	\$ 22,005,000

Project Details 2024

Account	Description	Total Amount
Expenses		
522206	Bridge Repairs	5,830,000
	Total Expenses:	\$ 5,830,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000031	Budget Year:	2024
Project Title:	Inspection Services	Manager:	Project Delivery
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	Annual Budget
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Annual visual inspection of NTTA's assets such as pavement, bridges, tunnel walls, roadside appurtenances, buildings/facilities, etc.

Justification: To assess asset condition and to assist in identifying potential repair projects. Inspection process allows NTTA to maintain their assets at or above the Board-approved performance level.

Comments: N/A

Project Forecast

Year	Total Budget
2024	3,352,529
2025	3,568,581
2026	3,724,322
2027	3,613,910
2028	4,257,300
	\$ 18,516,642

Project Details 2023

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	3,352,529
	Total Expenses:	\$ 3,352,529

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000042	Budget Year:	2024
Project Title:	General Engineering	Manager:	Project Delivery
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	Annual Budget
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Professional services providing project management oversight for the planning and design of routine maintenance and repair/rehab projects, the annual 5-year RMF and CIF budget development, asset management and other duties to support the Project Delivery and Maintenance Departments.

Justification: To maintain NTTA assets to the Board-approved level of quality and ultimately the safety of NTTA's customers.

Comments: N/A

Project Forecast

Year	Total Budget
2024	2,900,000
2025	3,020,000
2026	3,146,000
2027	3,278,000
2028	3,417,000
	\$ 15,761,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	2,900,000
	Total Expenses:	\$ 2,900,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000040	Budget Year:	2024
Project Title:	Walls, Railings and Steel Elements Repair	Manager:	Project Delivery
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	Annual Budget
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Retaining, screen and sound walls, railings and structural steel element surface finish improvements. Projects include items such as surface protection of various walls, railings and structural steel elements.

Justification: To maintain NTTA assets at or above the Board-approved level of quality. Projects must be performed at the "right time" to prevent higher cost of repairs at a later time.

Comments: N/A

Project Forecast
Year

	Total Budget
2024	3,947,000
2025	3,450,000
2026	1,740,000
2027	5,000,100
2028	3,328,000
	\$ 17,465,100

Project Details 2024

Account	Description	Total Amount
Expenses		
541401	Infrastructure Rdway/Hwy/Bridg	3,947,000
	Total Expenses:	\$ 3,947,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000041	Budget Year:	2024
Project Title:	Lighting Replacement or Repair	Manager:	Project Delivery
Fund:	RMF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	Annual Budget
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Roadway illumination repair or replacement projects. To address lighting needs, replacement or upgrades due to improvements in technology.

Justification: To maintain or improve visibility to enhance traffic safety.

Comments: N/A

Project Forecast

Year	Total Budget
2024	200,000
2025	325,000
2026	1,015,000
2027	0
2028	0
	\$ 1,540,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	200,000
	Total Expenses:	\$ 200,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

CAPITAL IMPROVEMENT PROJECTS



Dallas North Tollway extension bridge over US 380

Capital Improvement Projects

Capital improvement projects may include repairs, resurfacing, additions, renewals, improvements, reconstruction and replacements, acquisition of right-of-way, engineering design and studies. Projects include but are not limited to the following:

DALLAS NORTH TOLLWAY PHASE 4B

The Phase 4B extension is an approximate 8-mile section from FM 428 to Grayson County. The FY2024-FY2028 Capital Plan includes \$26.8 million for planning and design. Total project costs are estimated at \$541.3 million.

DALLAS NORTH TOLLWAY PHASE 4A

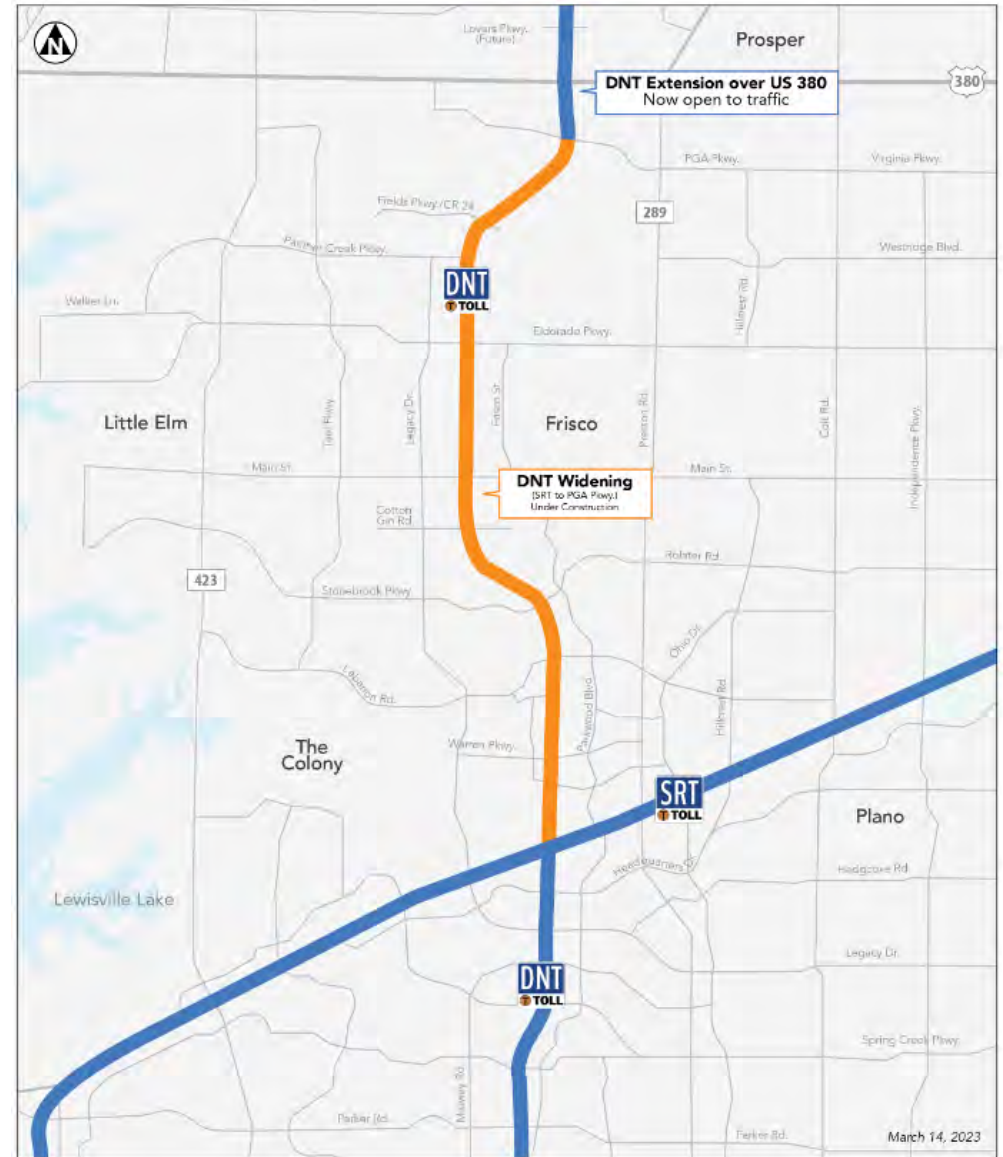
The Phase 4A extension is an approximate 6-mile section from U.S. 380 to FM 428. The FY2024-FY2028 Capital Plan includes \$441.6 million for design and construction. Total project costs are estimated at \$459.6 million.



Capital Improvement Projects (continued)

DALLAS NORTH TOLLWAY WIDENING (SRT TO U.S. 380)

NTTA is adding an additional lane in each direction to DNT from SRT to U.S. 380. Construction began in FY2022 and is scheduled for completion in FY2025. The FY2024-FY2028 Capital Plan includes \$87.7 million for this project. Total project costs are estimated at \$157.3 million.



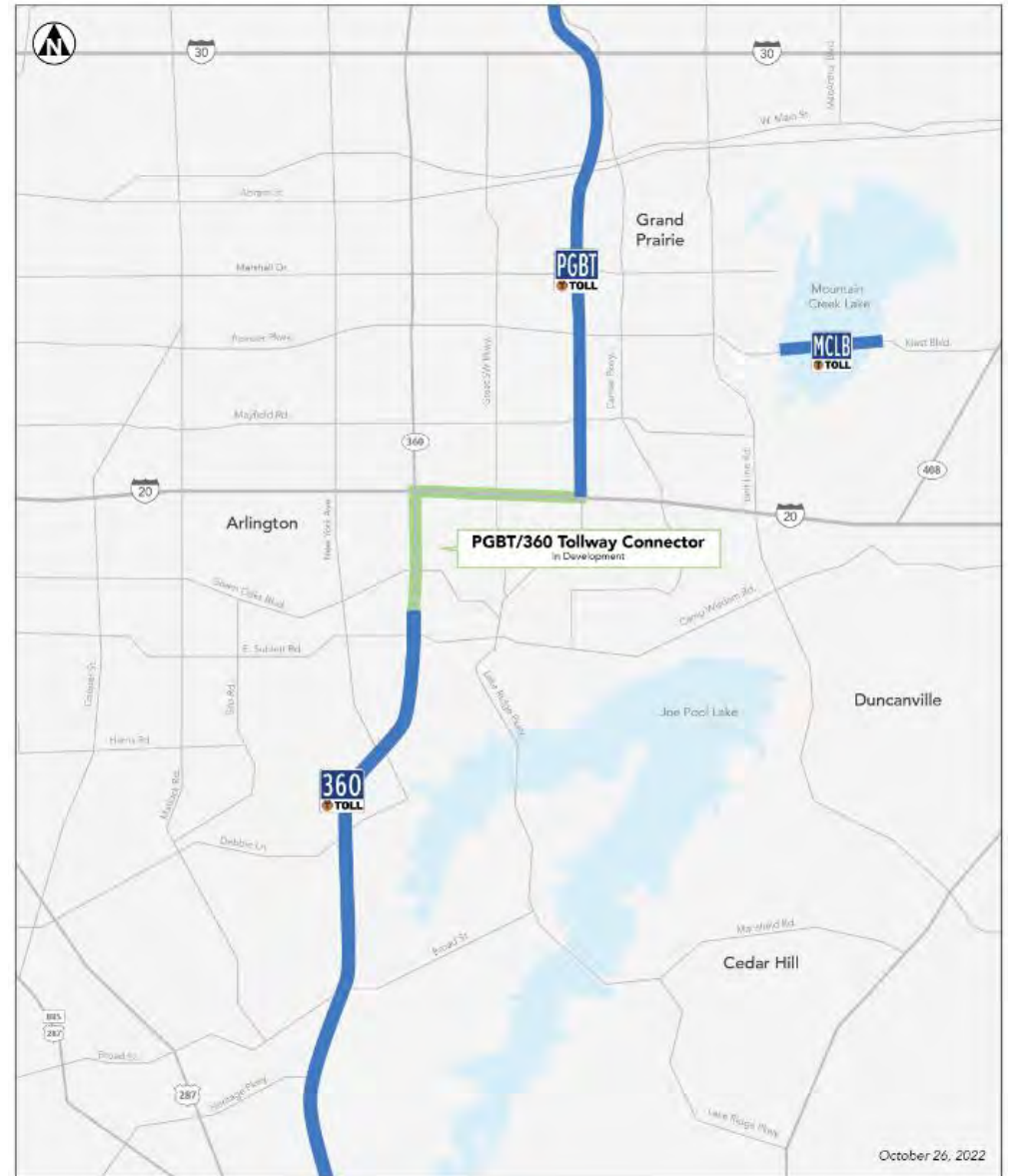
Capital Improvement Projects (continued)

PGBT/360 TOLLWAY CONNECTOR

The proposed project connects PGBT from south of Mayfield Road to 360 Tollway at north of Camp Wisdom Road in southern Tarrant County. The FY2024-FY2028 Capital Plan includes \$37.8 million for project development. The total estimated project costs are \$363.3 million.

360 TOLLWAY SECTION 1 IMPROVEMENTS

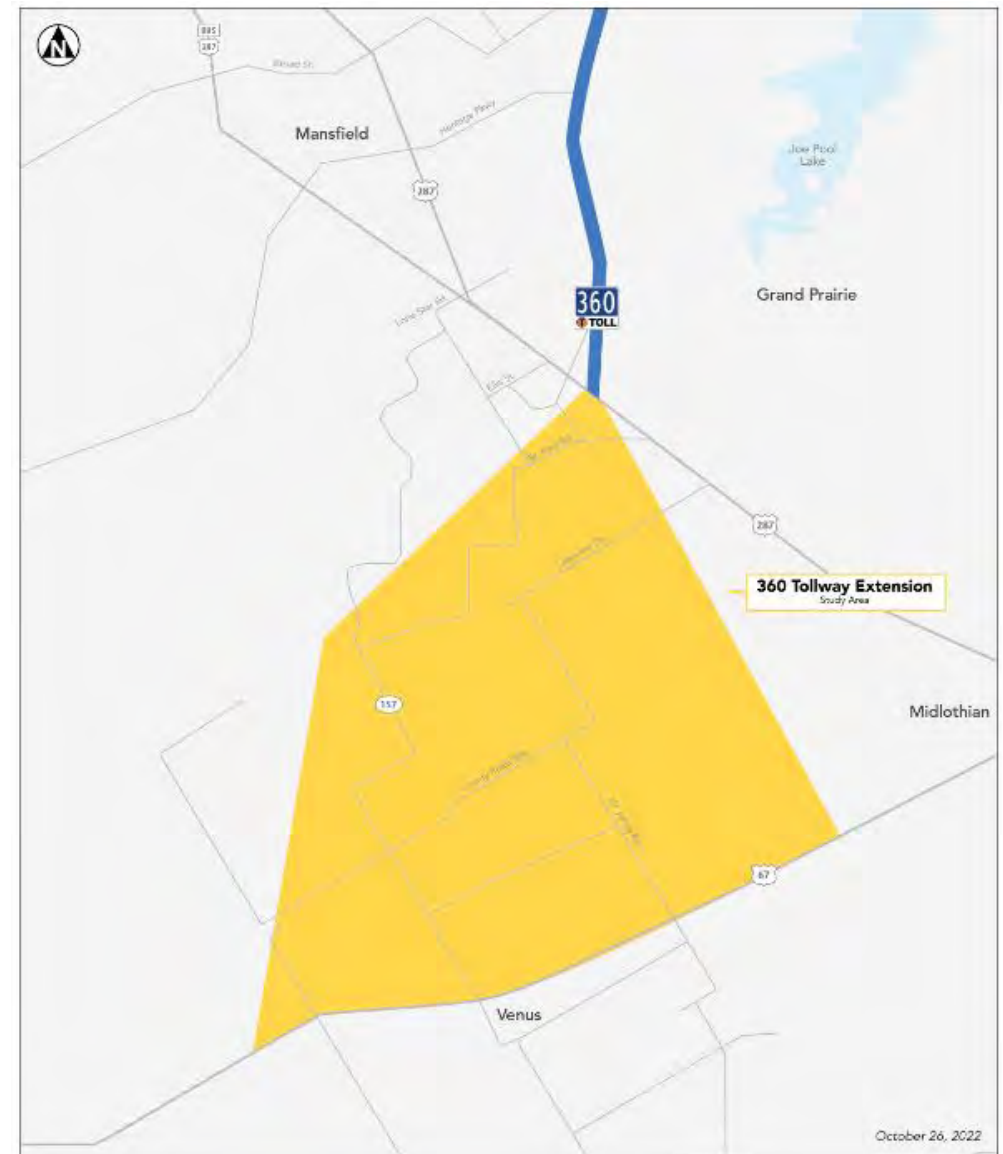
The 360 Tollway improvements are proposed for north of Camp Wisdom Road to US 287. The FY2024 - FY2028 Capital Plan includes \$25.9 million for turf and irrigation improvements, landscape and maintenance.



Capital Improvement Projects (continued)

360 TOLLWAY SECTION 2

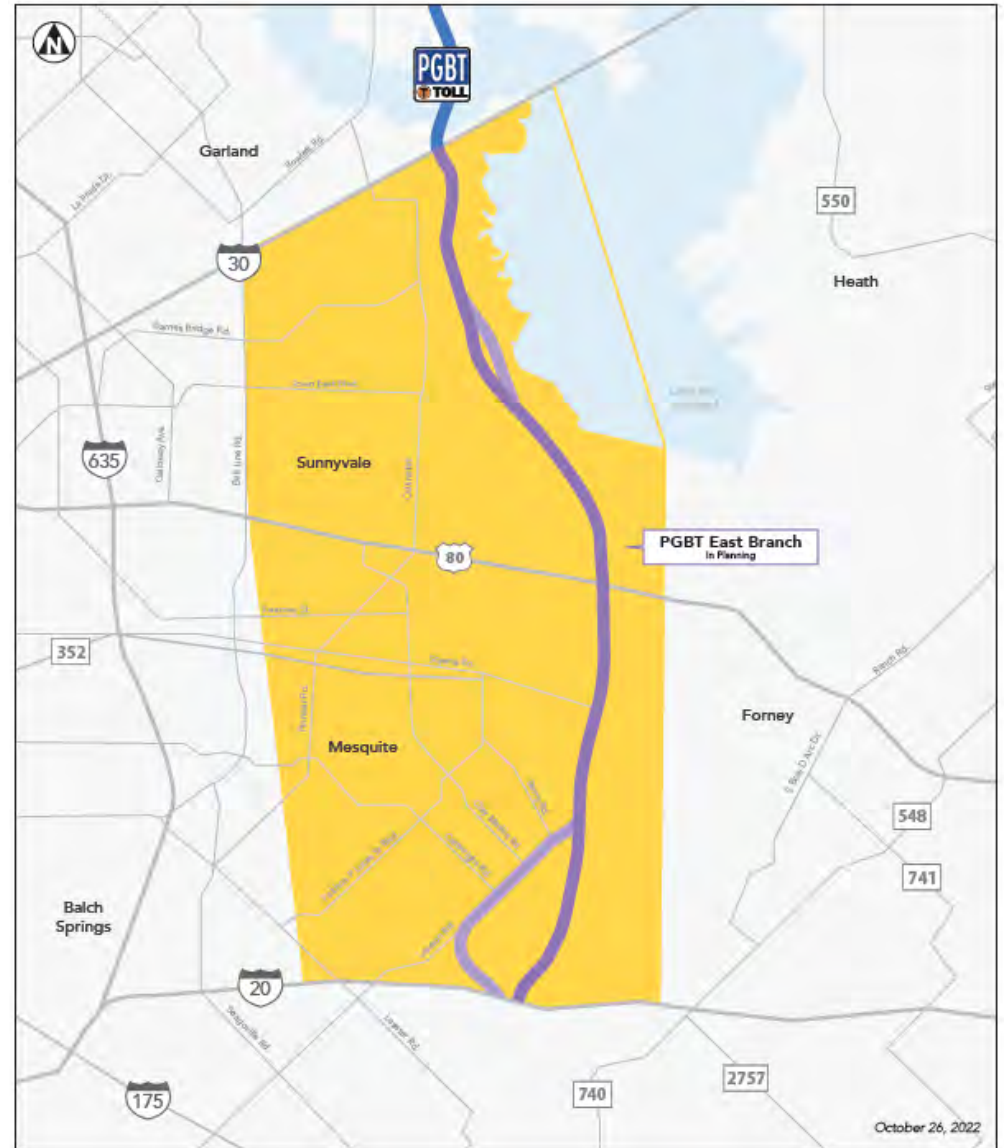
The 360 Tollway Section 2 project runs approximately 5.5-miles from US 287 to US 67. The FY2024 – FY2028 Capital Plan includes \$5.6 million for planning scheduled to start mid-2023.



Capital Improvement Projects (continued)

PGBT EAST BRANCH

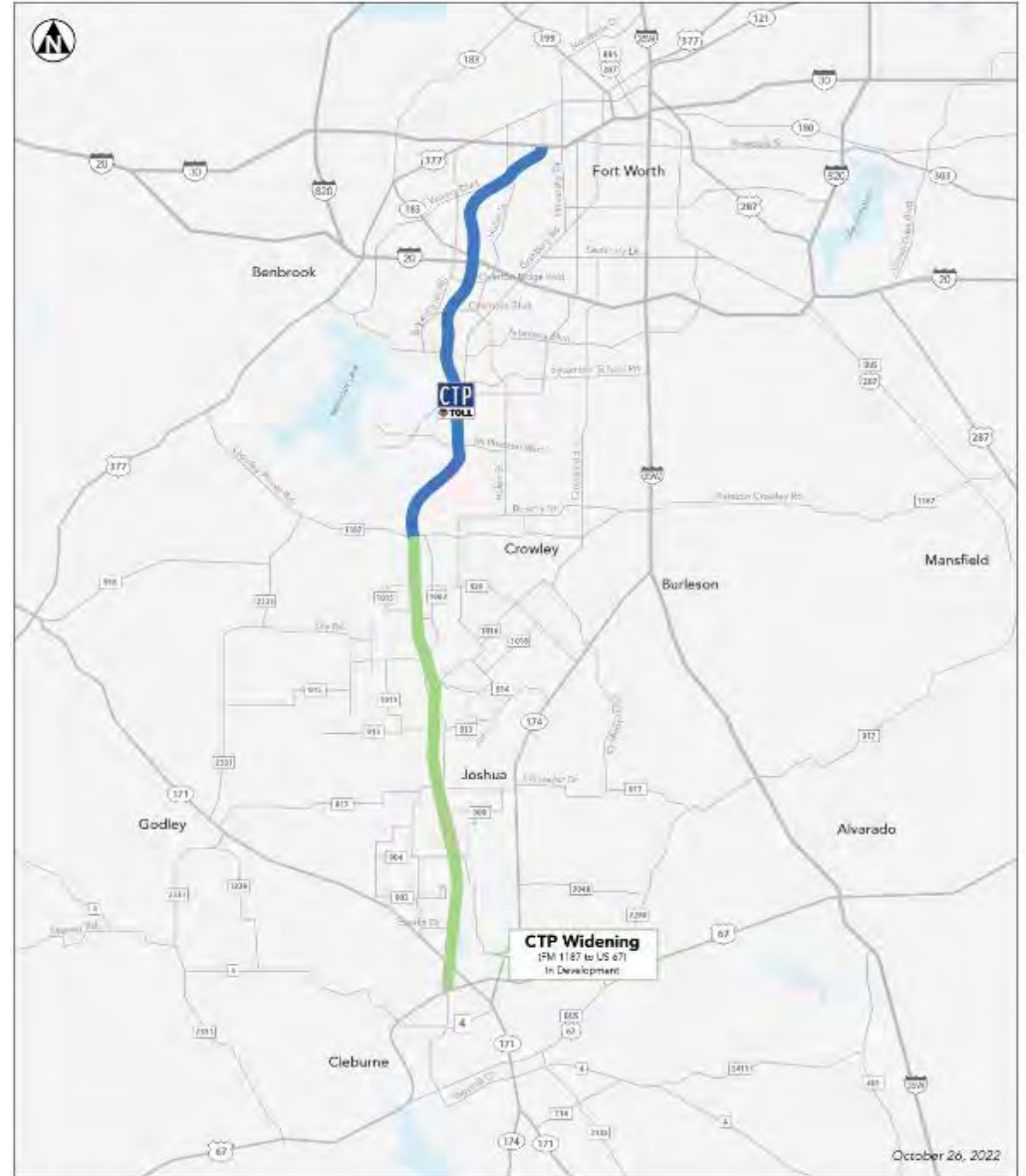
The proposed project would extend approximately 11.2-miles from I-30 to I-20. The corridor would connect the proposed Loop 9 in Dallas County to the President George Bush Turnpike Eastern Extension. The FY2024-FY2028 Capital Plan contains \$153.5 million for planning, design and right-of-way. The total estimated project costs are \$1.7 billion.



Capital Improvement Projects (continued)

CTP SOUTH 2-LANES

This project adds two southbound main lanes from FM 1187 to U.S. 67. The FY2024 – FY2028 Capital Plan includes \$196.9 million for planning, design and construction. Total estimated project costs are \$239.4 million.



Capital Improvement Projects (continued)

EQUIPMENT/HARDWARE/SOFTWARE

As NTTA grows, it is important to upgrade infrastructure to maintain satisfactory services to internal and external customers. This includes upgrading equipment, hardware and software. Some of the major upgrades included in the FY2024 – FY2028 Capital Plan are as follows: lane system upgrade, back office system, infrastructure managed services, disaster recovery, enterprise storage, intelligent transportation systems and items related to information security and compliance. The FY2024 – FY2028 Capital Plan includes \$282.0 million for this category.

ROADWAYS

Various improvement projects are planned across the NTTA System including but not limited to repairs, resurfacing, reconstruction and replacements. The FY2024 – FY2028 Capital Plan includes \$143.4 million for this category.

RECONSTRUCTION/REPAIR OF RETAINING WALLS

Several retaining wall projects are being developed to address identified issues. The FY2024 – FY2028 Capital Plan includes \$76.3 million.

DNT CORRIDOR STUDY

General engineering fees are being budgeted to identify possible improvements on DNT. The FY2024 – FY2028 Capital Plan includes \$1.0 million for this project.

BUILDINGS

Buildings are being constructed, modified, improved or expanded as the NTTA System expands. Annual reviews are conducted to identify any required improvements. Over the next five years, the Capital Plan includes \$18.2 million for this category.



**Capital Improvement Fund - (1501) - Project List
FY2024 - FY2028 CAPITAL PLAN**

Department	Project	Estimated FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Five Year Total FY2024 - FY2028
Procurement - (10521)	0000000 - No Project (Ads) (1)	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$12,000	\$60,000
	Procurement - (10521) Total	12,000	12,000	12,000	12,000	12,000	12,000	60,000
Internal Audit - (10811)	0000000 - No Project (Audit Fees) (2)	93,040	0	0	0	0	0	0
	Internal Audit - (10811) Total	93,040	0	0	0	0	0	0
Legal - (10911)	0000000 - No Project (Legal Fees) (3)	250,000	650,000	650,000	650,000	650,000	650,000	3,250,000
	Legal - (10911) Total	250,000	650,000	650,000	650,000	650,000	650,000	3,250,000
Treasury & Financial Planning - (10531)	0000000 - No Project (Consulting Fees) (4)	67,900	67,900	67,900	67,900	67,900	67,900	339,500
	0000000 - No Project (Rating Agency Fees) (5)	91,000	91,000	91,000	91,000	91,000	91,000	455,000
	0000000 - No Project (T&R Fees)	0	500,000	0	500,000	0	500,000	1,500,000
	0000000 - No Project (Trustee Fees) (6)	75,000	75,000	75,000	75,000	75,000	75,000	375,000
	Treasury & Financial Planning - (10531) Total	233,900	733,900	233,900	733,900	233,900	733,900	2,669,500
Information Technology - (20111)	7000005 - Business Intelligence System (7)	395,000	3,450,000	1,975,000	1,975,000	1,975,000	1,975,000	11,350,000
Information Technology - (20111)	7000006 - PCI Compliance (8)	2,053,213	3,100,000	4,450,000	3,100,000	4,450,000	3,100,000	18,200,000
Information Technology - (20111)	7000008 - Disaster Recovery (9)	5,246,906	6,250,000	4,000,000	4,000,000	4,000,000	4,000,000	22,250,000
Information Technology - (20111)	7000011 - Intelligent Transportation Systems Enhancements (10)	2,415,129	2,500,000	3,850,000	3,550,000	2,050,000	2,050,000	14,000,000
Information Technology - (20111)	7000016 - Data Storage for Images, Databases and Video (11)	1,500,000	0	0	0	0	0	0
Information Technology - (20111)	7000017 - EPDS Enhancements	0	300,000	300,000	300,000	300,000	300,000	1,500,000
Information Technology - (20111)	7000018 - Corporate Website (12)	200,000	150,000	150,000	150,000	150,000	150,000	750,000
Information Technology - (20111)	7000021 - PeopleSoft Human Resource System (13)	300,000	300,000	300,000	300,000	0	0	900,000
Information Technology - (20111)	7000022 - Digital Aerial Photography (14)	86,000	100,000	100,000	100,000	101,000	101,000	502,000
Information Technology - (20111)	7000033 - Microsoft Enterprise Agreement (15)	500,000	550,000	250,000	250,000	250,000	250,000	1,550,000
Information Technology - (20111)	7000040 - Virtualization (16)	1,565,110	1,750,000	1,750,000	1,750,000	1,750,000	1,750,000	8,750,000
Information Technology - (20111)	7000042 - Computer Hardware Upgrade (17)	1,000,000	500,000	500,000	500,000	500,000	500,000	2,500,000
Information Technology - (20111)	7000050 - Geographic Information System (18)	450,000	600,000	600,000	600,000	600,000	600,000	3,000,000
Information Technology - (20111)	7000054 - Service Desk Software Enhancements (19)	576,000	300,000	300,000	300,000	300,000	300,000	1,500,000
Information Technology - (20111)	7000064 - Conference Room Audio Video (20)	250,000	175,000	175,000	175,000	175,000	175,000	875,000
Information Technology - (20111)	7000067 - Data Logger Auditing Tool for Lane System	0	620,000	620,000	480,000	480,000	480,000	2,680,000
Information Technology - (20111)	7000068 - National Interoperability (21)	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Information Technology - (20111)	7000070 - Multi-Channel Communications - CSC (22)	1,600,000	2,500,000	2,500,000	500,000	500,000	500,000	6,500,000
Information Technology - (20111)	7000071 - LoneStar Traffic Management System (23)	175,000	1,050,000	750,000	750,000	750,000	750,000	4,050,000
Information Technology - (20111)	7000086 - NTTA Employee Portal (24)	350,000	300,000	300,000	300,000	300,000	300,000	1,500,000
Information Technology - (20111)	7000110 - Enterprise Content Management (25)	400,000	0	0	0	0	0	0
Information Technology - (20111)	7000115 - C*Cure Facility Access System (26)	50,000	800,000	1,000,000	600,000	550,000	550,000	3,500,000
Information Technology - (20111)	7000116 - Backup System (27)	475,000	400,000	400,000	400,000	400,000	400,000	2,000,000
Information Technology - (20111)	7000117 - Lane Level Toll Collection System (28)	1,000,000	1,500,000	1,350,000	1,350,000	1,350,000	1,350,000	6,900,000
Information Technology - (20111)	7000128 - CSC Queue Management and Appointment (29)	400,000	0	0	0	0	0	0
Information Technology - (20111)	7000130 - Enterprise System Monitoring (30)	600,000	0	0	0	0	0	0
Information Technology - (20111)	7000134 - Back Office System (31)	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000	20,000,000
Information Technology - (20111)	7000172 - Infrastructure Managed Svcs - Data Centers (32)	5,729,876	5,500,000	5,500,000	5,500,000	5,500,000	5,500,000	27,500,000
Information Technology - (20111)	7000173 - Cloud Expansion Project (33)	3,500,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	5,000,000
Information Technology - (20111)	7000174 - PeopleSoft Replacement Project (34)	500,000	3,200,000	3,200,000	3,200,000	500,000	500,000	10,600,000

Department	Project	Estimated FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Five Year Total FY2024 - FY2028
Information Technology - (20111)	7000175 - Equinix Data Center (35)	400,000	2,100,000	1,150,000	12,250,000	5,825,000	1,950,000	23,275,000
Information Technology - (20111)	7000176 - CJIS Compliance (36)	300,000	300,000	300,000	300,000	300,000	300,000	1,500,000
Information Technology - (20111)	7000177 - New Debt and Cash Management Software (37)	100,000	300,000	0	0	0	0	300,000
Information Technology - (20111)	7000179 - Lockbox Replacement Assessment	0	250,000	1,250,000	0	0	0	1,500,000
Information Technology - (20111)	7000180 - CSC Print Vendor (38)	2,500,000	2,500,000	3,500,000	0	0	0	6,000,000
Information Technology - (20111)	7000181 - Payment Processor Replacement	0	500,000	2,000,000	1,500,000	0	0	4,000,000
Information Technology - (20111)	7000183 - CSC Business Continuity (39)	1,075,000	100,000	100,000	100,000	100,000	100,000	500,000
Information Technology - (20111)	7000184 - Planned Collection Initiatives (40)	6,400,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	25,000,000
Information Technology - (20111)	7000187 - Semafone (41)	200,000	0	0	0	0	0	0
Information Technology - (20111)	7000188 - Expand Parking Using TollTag (42)	300,000	300,000	300,000	100,000	100,000	100,000	900,000
Information Technology - (20111)	7000190 - Next Gen Tags (43)	50,000	0	0	0	0	0	0
Information Technology - (20111)	7000194 - Enterprise Applications Helpdesk (44)	500,000	0	0	0	0	0	0
Information Technology - (20111)	7000195 - IT General Operations Consultant (45)	1,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	10,000,000
Information Technology - (20111)	7000196 - Maintenance Fleet Telematics (46)	250,000	0	0	0	0	0	0
Information Technology - (20111)	7000197 - Assetworks Replacement Project	0	500,000	500,000	0	0	0	1,000,000
Information Technology - (20111)	7000198 - Maintenance Tool Firmware Upgrade Project	0	50,000	10,000	10,000	10,000	10,000	90,000
Information Technology - (20111)	7000199 - NTTAMarketPlace.org-Epro	0	50,000	50,000	50,000	50,000	50,000	250,000
Information Technology - (20111)	7000205 - PMIS Replacement	0	300,000	300,000	50,000	50,000	50,000	750,000
Information Technology - (20111)	7000206 - RFID Asset Management Software	0	300,000	50,000	50,000	50,000	50,000	500,000
Information Technology - (20111)	7000207 - Enterprise Applications Support Services	0	300,000	300,000	300,000	300,000	300,000	1,500,000
Information Technology - (20111)	7000211 - CCure Integration with Genetec	0	300,000	50,000	50,000	50,000	50,000	500,000
Information Technology - (20111)	7000214 - Project Management and Technical Support	0	2,850,000	2,850,000	2,850,000	2,850,000	2,850,000	14,250,000
Information Technology - (20111)	7000220 - Human Resource Digital Form Project	0	300,000	0	0	0	0	300,000
Information Technology - (20111)	7000221 - Human Resource Training Program	0	500,000	0	0	0	0	500,000
Information Technology - (20111)	7000222 - BlueBeam License Expansion (Project Delivery)	0	50,000	50,000	50,000	50,000	50,000	250,000
Information Technology - (20111)	7000223 - Customer Services and Revenue Systems Project Mgmt Svcs	0	1,100,000	1,100,000	1,100,000	1,100,000	0	4,400,000
Information Technology - (20111)	7000224 - Program Management System (TBD)	0	300,000	100,000	100,000	100,000	100,000	700,000
Information Technology - (20111)	7001252 - Windows Server Upgrade (47)	800,000	0	0	0	0	0	0
Information Technology - (20111)	7001253 - Command Center Radio System (48)	1,000,000	250,000	100,000	100,000	350,000	350,000	1,150,000
	Information Technology - (20111) Total	51,192,234	62,395,000	61,380,000	62,090,000	51,216,000	44,891,000	281,972,000
Admin Infrastructure - (20221)	1000835 - Systemwide Facility Improvements (49)	4,407,107	6,667,590	2,800,000	4,600,000	1,850,000	2,300,000	18,217,590
	Admin Infrastructure - (20221) Total	4,407,107	6,667,590	2,800,000	4,600,000	1,850,000	2,300,000	18,217,590
Project Delivery - (20511)	1000042 - General Engineering (50)	250,000	250,000	250,000	250,000	250,000	250,000	1,250,000
Project Delivery - (20511)	1000045 - Sand Stockpile (51)	2,000,000	2,250,000	450,000	5,000,000	400,000	5,000,000	13,100,000
Project Delivery - (20511)	2000000 - PGBT EE (52)	50,000	30,000	0	0	0	0	30,000
Project Delivery - (20511)	2000002 - PGBT 4th Lane Widening (53)	585,219	0	0	0	0	0	0
Project Delivery - (20511)	2000005 - PGBT Continuous Illumination (54)	9,315,781	6,040,000	25,084,000	31,154,000	10,789,000	0	73,067,000
Project Delivery - (20511)	2100007 - DNT PH4A Bridges over U.S. 380 (55)	5,417,721	280,000	0	0	0	0	280,000
Project Delivery - (20511)	2100008 - DNT Phase 4B (Frontage Road) (56)	248,025	10,000	0	0	0	0	10,000
Project Delivery - (20511)	2100010 - DNT 4B (Segment 6) (57)	10,000	50,000	2,847,675	2,738,554	10,929,299	11,747,792	28,313,320
Project Delivery - (20511)	2100011 - DNT Widening (SRT to U.S. 380) (58)	45,256,362	51,204,174	35,799,785	643,541	92,010	0	87,739,510
Project Delivery - (20511)	2100012 - DNT Corridor Capacity Study (59)	1,300,000	1,026,025	0	0	0	0	1,026,025
Project Delivery - (20511)	2100013 - DNT PH4A (60)	6,323,272	95,730,005	127,612,726	102,213,603	98,930,822	17,176,311	441,663,467
Project Delivery - (20511)	2100015 - Interchange Improvements	0	0	250,000	250,000	0	0	500,000
Project Delivery - (20511)	2100310 - DNT South End Design Guidelines Implementation	0	0	0	1,700,293	14,049,111	8,355,271	24,104,675
Project Delivery - (20511)	2500003 - SRT Widening (61)	556,000	550,000	0	0	0	0	550,000
Project Delivery - (20511)	2500004 - SRT Continuous Illumination (62)	688,808	594,000	1,187,000	1,048,000	9,733,000	19,376,000	31,938,000
Project Delivery - (20511)	2900001 - 360T Section 1 Improvements (63)	50,000	700,000	1,950,000	11,250,000	10,550,000	1,479,698	25,929,698

Department	Project	Estimated FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Five Year Total FY2024 - FY2028
Project Delivery - (20511)	2900002 - 360T Section 2 (64)	1,150,000	2,800,000	2,800,000	0	0	0	5,600,000
Project Delivery - (20511)	3000000 - PGBT East Branch (65)	2,885,108	2,848,570	2,848,570	26,980,132	44,876,692	75,924,780	153,478,744
Project Delivery - (20511)	3900001 - PGBT/360 Tollway Connector (66)	2,754,642	250,000	3,538,937	5,461,097	16,622,763	11,920,217	37,793,014
Project Delivery - (20511)	7000072 - MSE Wall Program (67)	14,966,000	22,200,000	23,176,000	14,452,000	6,815,000	9,655,000	76,298,000
Project Delivery - (20511)	7200000 - CTP (68)	150,000	150,000	50,000	0	0	0	200,000
Project Delivery - (20511)	7200001 - CTP South 2-lanes (69)	8,609,466	7,621,297	4,937,367	42,846,253	79,344,233	62,137,182	196,886,332
Project Delivery - (20511)	7200002 - CTP Worth Creek Parkway Overpass (70)	1,685,000	1,433,724	10,381,873	9,227,410	1,476,980	0	22,519,987
	Project Delivery - (20511) Total	104,251,404	196,017,795	243,163,933	255,214,883	304,858,910	223,022,251	1,222,277,772
Traffic & Incndnt Mgmt. - (20611)	0000000 - No Project (Traffic Engineering Fees) (71)	400,000	325,000	325,000	325,000	400,000	400,000	1,775,000
Traffic & Incndnt Mgmt. - (20611)	7000000 - Systemwide Safety Improvements (72)	7,035,000	16,920,000	17,475,000	16,775,000	15,000,000	13,475,000	79,645,000
	Traffic & Incndnt Mgmt. - (20611) Total	7,435,000	17,245,000	17,800,000	17,100,000	15,400,000	13,875,000	81,420,000
Totals		\$167,874,685	\$283,721,285	\$326,039,833	\$340,400,783	\$374,220,810	\$285,484,151	\$1,609,866,862

FY2023 Carryover Projects and Adjustments

(1)Procurement - (10521)	0000000 - No Project (Ads)	(4,800)	0	0	0	0	0	0
(2)Internal Audit - (10811)	0000000 - No Project (Audit Fees)	(37,216)	0	0	0	0	0	0
(3)Legal - (10911)	0000000 - No Project (Legal Fees)	(100,000)	0	0	0	0	0	0
(4)Treasury & Financial Planning - (10531)	0000000 - No Project (Consulting Fees)	(27,160)	0	0	0	0	0	0
(5)Treasury & Financial Planning - (10531)	0000000 - No Project (Rating Agency Fees)	(36,400)	0	0	0	0	0	0
(6)Treasury & Financial Planning - (10531)	0000000 - No Project (Trustee Fees)	(30,000)	0	0	0	0	0	0
(7)Information Technology - (20111)	7000005 - Business Intelligence System	(158,000)	0	0	0	0	0	0
(8)Information Technology - (20111)	7000006 - PCI Compliance	(821,285)	0	0	0	0	0	0
(9)Information Technology - (20111)	7000008 - Disaster Recovery	(2,098,762)	0	0	0	0	0	0
(10)Information Technology - (20111)	7000011 - Intelligent Transportation Systems Enhancements	(966,052)	0	0	0	0	0	0
(11)Information Technology - (20111)	7000016 - Data Storage for Images, Databases and Video	(600,000)	0	0	0	0	0	0
(12)Information Technology - (20111)	7000018 - Corporate Website	(80,000)	0	0	0	0	0	0
(13)Information Technology - (20111)	7000021 - PeopleSoft Human Resource System	(120,000)	0	0	0	0	0	0
(14)Information Technology - (20111)	7000022 - Digital Aerial Photography	(34,400)	0	0	0	0	0	0
(15)Information Technology - (20111)	7000033 - Microsoft Enterprise Agreement	(200,000)	0	0	0	0	0	0
(16)Information Technology - (20111)	7000040 - Virtualization	(626,044)	0	0	0	0	0	0
(17)Information Technology - (20111)	7000042 - Computer Hardware Upgrade	(400,000)	0	0	0	0	0	0
(18)Information Technology - (20111)	7000050 - Geographic Information System	(180,000)	0	0	0	0	0	0
(19)Information Technology - (20111)	7000054 - Service Desk Software Enhancements	(230,400)	0	0	0	0	0	0
(20)Information Technology - (20111)	7000064 - Conference Room Audio Video	(100,000)	0	0	0	0	0	0
(21)Information Technology - (20111)	7000068 - National Interoperability	(400,000)	0	0	0	0	0	0
(22)Information Technology - (20111)	7000070 - Multi-Channel Communications - CSC	(640,000)	0	0	0	0	0	0
(23)Information Technology - (20111)	7000071 - LoneStar Traffic Management System	(70,000)	0	0	0	0	0	0
(24)Information Technology - (20111)	7000086 - NTTA Employee Portal	(140,000)	0	0	0	0	0	0
(25)Information Technology - (20111)	7000110 - Enterprise Content Management	(160,000)	0	0	0	0	0	0
(26)Information Technology - (20111)	7000115 - C* Cure Facility Access System	(20,000)	0	0	0	0	0	0
(27)Information Technology - (20111)	7000116 - Backup System	(190,000)	0	0	0	0	0	0
(28)Information Technology - (20111)	7000117 - Lane Level Toll Collection System	(400,000)	0	0	0	0	0	0
(29)Information Technology - (20111)	7000128 - CSC Queue Management and Appointment	(160,000)	0	0	0	0	0	0
(30)Information Technology - (20111)	7000130 - Enterprise System Monitoring	(240,000)	0	0	0	0	0	0
(31)Information Technology - (20111)	7000134 - Back Office System	(1,600,000)	0	0	0	0	0	0
(32)Information Technology - (20111)	7000172 - Infrastructure Managed Services - Data Centers	(2,291,950)	0	0	0	0	0	0
(33)Information Technology - (20111)	7000173 - Cloud Expansion Project	(1,400,000)	0	0	0	0	0	0
(34)Information Technology - (20111)	7000174 - PeopleSoft Replacement Project	(200,000)	0	0	0	0	0	0
(35)Information Technology - (20111)	7000175 - Equinix Data Center	(160,000)	0	0	0	0	0	0
(36)Information Technology - (20111)	7000176 - CJIS Compliance	(120,000)	0	0	0	0	0	0

Department	Project	Estimated FY2023	FY2024	FY2025	FY2026	FY2027	FY2028	Five Year Total FY2024 - FY2028
(37)Information Technology - (20111)	7000177 - New Debt and Cash Management Software	(40,000)	0	0	0	0	0	0
(38)Information Technology - (20111)	7000180 - CSC Print Vendor	(1,000,000)	0	0	0	0	0	0
(39)Information Technology - (20111)	7000183 - CSC Business Continuity	(430,000)	0	0	0	0	0	0
(40)Information Technology - (20111)	7000184 - Planned Collection Initiatives	(2,560,000)	0	0	0	0	0	0
(41)Information Technology - (20111)	7000187 - Semafone	(80,000)	0	0	0	0	0	0
(42)Information Technology - (20111)	7000188 - Expand Parking Using TollTag	(120,000)	0	0	0	0	0	0
(43)Information Technology - (20111)	7000190 - Next Gen Tags	(20,000)	0	0	0	0	0	0
(44)Information Technology - (20111)	7000194 - Enterprise Applications Helpdesk	(200,000)	0	0	0	0	0	0
(45)Information Technology - (20111)	7000195 - IT General Operations Consultant	(400,000)	0	0	0	0	0	0
(46)Information Technology - (20111)	7000196 - Maintenance Fleet Telematics	(100,000)	0	0	0	0	0	0
(47)Information Technology - (20111)	7001252 - Windows Server Upgrade	(320,000)	0	0	0	0	0	0
(48)Information Technology - (20111)	7001253 - Command Center Radio System	(400,000)	0	0	0	0	0	0
(49) Admin Infrastructure - (20221)	1000835 - Systemwide Facility Improvements	(1,643,633)	0	0	0	0	0	0
(50)Project Delivery - (20511)	1000042 - General Engineering	(250,000)	0	0	0	0	0	0
(51)Project Delivery - (20511)	1000045 - Sand Stockpile	(254,782)	0	0	0	0	0	0
(52)Project Delivery - (20511)	2000000 - PGBT EE	(23,846)	0	0	0	0	0	0
(53)Project Delivery - (20511)	2000002 - PGBT 4th Lane Widening	747,363	0	0	0	0	0	0
(54)Project Delivery - (20511)	2000005 - PGBT Continues Illumination	(7,401,047)	0	0	0	0	0	0
(55)Project Delivery - (20511)	2100007 - DNT PH4A Bridges over U.S. 380	(1,380,580)	0	0	0	0	0	0
(56)Project Delivery - (20511)	2100008 - DNT Phase 4B (Frontage Road)	234,952	0	0	0	0	0	0
(57)Project Delivery - (20511)	2100010 - DNT Phase 4B (Segment 6)	6,998	0	0	0	0	0	0
(58)Project Delivery - (20511)	2100011 - DNT Widening (SRT to U.S. 380)	(8,725,206)	0	0	0	0	0	0
(59)Project Delivery - (20511)	2100012 - DNT Corridor Capacity Study	(250,285)	0	0	0	0	0	0
(60)Project Delivery - (20511)	2100013 - DNT PH4A	(129,205)	0	0	0	0	0	0
(61)Project Delivery - (20511)	2500003 - SRT Widening	4,157,731	0	0	0	0	0	0
(62)Project Delivery - (20511)	2500004 - SRT Continuous Illumination	(688,808)	0	0	0	0	0	0
(63)Project Delivery - (20511)	2900001 - 360T Section 1 Improvements	(50,000)	0	0	0	0	0	0
(64)Project Delivery - (20511)	2900002 - 360T Section 2	(1,083,388)	0	0	0	0	0	0
(65)Project Delivery - (20511)	3000000 - PGBT East Branch	(588,053)	0	0	0	0	0	0
(66)Project Delivery - (20511)	3900001 - PGBT/360 Tollway Connector	(2,621,349)	0	0	0	0	0	0
(67)Project Delivery - (20511)	7000072 - MSE Wall Program	(4,657,511)	0	0	0	0	0	0
(68)Project Delivery - (20511)	7200000 - CTP	(117,448)	0	0	0	0	0	0
(69)Project Delivery - (20511)	7200001 - CTP South 2-Lanes	(7,070,446)	0	0	0	0	0	0
(70)Project Delivery - (20511)	7200002 - CTP Worth Creek Parkway Overpass	(1,366,246)	0	0	0	0	0	0
(71)Traffic & Incdnt Mgmt. - (20611)	0000000 - No Project (Traffic Engineering Fees)	(248,848)	0	0	0	0	0	0
(72)Traffic & Incdnt Mgmt. - (20611)	7000000 - Systemwide Safety Improvements	(4,788,827)	0	0	0	0	0	0
Totals		(\$58,904,934)	\$0	\$0	\$0	\$0	\$0	\$0
Total FY2024 - FY2028 Capital Improvement Project Costs		\$108,969,751	\$283,721,285	\$326,039,833	\$340,400,783	\$374,220,810	\$285,484,151	\$1,609,866,862

Report contains only project costs.

Project Detail

Project Number:	7000005	Budget Year:	2024
Project Title:	Business Intelligence System	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Business intelligence system replacement and migration project; implementation of automated reporting and predictive analytics; systems and support services.

Justification: Required to provide sufficient analytics and monitoring tools and reports for management and operations to maximize operational efficiencies and performance and maximize collection of revenue.

Comments: N/A

Project Forecast

Year	Total Budget
2024	3,450,000
2025	1,975,000
2026	1,975,000
2027	1,975,000
2028	1,975,000
	\$ 11,350,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	1,725,000
531651	Software	1,725,000
	Total Expenses:	\$ 3,450,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000006	Budget Year:	2024
Project Title:	PCI Compliance	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: This provides for systems and services to prevent, detect, and safeguard against threats to data and satisfy compliance requirements; includes 24x7 cyber security monitoring and post breach services.

Justification: Required to protect data and systems against ever evolving security threats capabilities, and to stay compliant with regulatory requirements.

Comments: N/A

Project Forecast

Year	Total Budget
2024	3,100,000
2025	4,450,000
2026	3,100,000
2027	4,450,000
2028	3,100,000
	\$ 18,200,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	1,100,000
531641	Computers	1,000,000
531651	Software	1,000,000
	Total Expenses:	\$ 3,100,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000008	Budget Year:	2024
Project Title:	Disaster Recovery	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Disaster recovery system and services.

Justification: Renewal, replacement, upgrade of disaster recovery business continuity systems.

Comments: N/A

Project Forecast
Year

	Total Budget
2024	6,250,000
2025	4,000,000
2026	4,000,000
2027	4,000,000
2028	4,000,000
	\$ 22,250,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	5,250,000
531641	Computers	1,000,000
	Total Expenses:	\$ 6,250,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000011	Budget Year:	2024
Project Title:	Intelligent Transportation Systems Enhancements	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Plan, design, construction, enhancement, expansion, and enhancement intelligent transportation system cameras, dynamic message signs, wrong way driver and incident detection systems, video management system, traffic management systems, connected vehicle systems, and other related sensors.

Justification: Enhance safety and efficiency of NTTA roadway systems through improved roadway monitoring, incident detections, and emergency response.

Comments: N/A

Project Forecast

Year	Total Budget
2024	2,500,000
2025	3,850,000
2026	3,550,000
2027	2,050,000
2028	2,050,000
	\$ 14,000,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	1,000,000
531651	Software	1,300,000
531641	Infrastructure - Other	200,000
	Total Expenses:	\$ 2,500,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000017	Budget Year:	2024
Project Title:	EPDS Enhancements	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: As-needed enhancement and upgrade of the Enterprise Project Delivery System (EPDS) for contract tracking and management.

Justification: Implement enhancements to enterprise project delivery system.

Comments:

Project Forecast

Year	Total Budget
2024	300,000
2025	300,000
2026	300,000
2027	300,000
2028	300,000
	\$ 1,500,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	300,000
	Total Expenses:	\$ 300,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000018	Budget Year:	2024
Project Title:	Coporate Website	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: As-needed upgrades and enhancement to NTTA corporate website (NTTA.org).

Justification: As-needed enhancements.

Comments: N/A

Project Forecast

Year	Total Budget
2024	150,000
2025	150,000
2026	150,000
2027	150,000
2028	150,000
	\$ 750,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	150,000
	Total Expenses:	\$ 150,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000021	Budget Year:	2024
Project Title:	PeopleSoft Human Resource System	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: As-needed PeopleSoft human resource system enhancements.

Justification: As-needed enhancements (i.e., eVerge or NumbersOnly).

Comments: N/A

Project Forecast

Year	Total Budget
2024	300,000
2025	300,000
2026	300,000
2027	0
2028	0
	\$ 900,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	300,000
	Total Expenses:	\$ 300,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000022	Budget Year:	2024
Project Title:	Digital Aerial Photography	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: High-resolution aerial photography of NTTA roadways and assets.

Justification: Needed for project delivery, operations, and maintenance.

Comments: N/A

**Project Forecast
Year**

	Total Budget
2024	100,000
2025	100,000
2026	100,000
2027	101,000
2028	101,000
	\$ 502,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	100,000
	Total Expenses:	\$ 100,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000033	Budget Year:	2024
Project Title:	Microsoft Enterprise Agreement	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: MicroSoft Enterprise License agreement and the premier support.

Justification: Planned and as-needed additions; additional funding is included in OMF.

Comments: N/A

Project Forecast

Year	Total Budget
2024	550,000
2025	250,000
2026	250,000
2027	250,000
2028	250,000
	\$ 1,550,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	550,000
	Total Expenses:	\$ 550,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000040	Budget Year:	2024
Project Title:	Virtualization	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Virtualization provides virtual desktops for onsite and remote users to allow secure access to NTTA information technology environment; provides for upgrades, enhancements, and expansions.

Justification: Provides enhanced operational efficiency, security, business continuity, and reliability.

Comments: N/A

Project Forecast
Year

Total Budget

2024	1,750,000
2025	1,750,000
2026	1,750,000
2027	1,750,000
2028	1,750,000
	\$ 8,750,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531641	Computers	1,750,000
	Total Expenses:	\$ 1,750,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000042	Budget Year:	2024
Project Title:	Computer Hardware Upgrade	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Plan and implement essential upgrades of various hardware within the data center.

Justification: Enhance operational efficiencies, cyber security, and reliability.

Comments: N/A

Project Forecast

Year	Total Budget
2024	500,000
2025	500,000
2026	500,000
2027	500,000
2028	500,000
	\$ 2,500,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531641	Computers	500,000
	Total Expenses:	\$ 500,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000050	Budget Year:	2024
Project Title:	Geographic Information System	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Planned and as-needed enhancements and additions for business analytics, asset management, toll systems, roadway and facilities, and other systems.

Justification: Provides geographic based analytics and asset management capabilities.

Comments: N/A

Project Forecast

Year	Total Budget
2024	600,000
2025	600,000
2026	600,000
2027	600,000
2028	600,000
	\$ 3,000,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	250,000
531651	Software	350,000
	Total Expenses:	\$ 600,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000054	Budget Year:	2024
Project Title:	Service Desk Management System	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Enhance, upgrade, and expand the service desk management, maintenance, and monitoring system.

Justification: Required to manage end point and end user systems.

Comments: N/A

Project Forecast

Year	Total Budget
2024	300,000
2025	300,000
2026	300,000
2027	300,000
2028	300,000
	\$ 1,500,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	300,000
	Total Expenses:	\$ 300,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000064	Budget Year:	2024
Project Title:	Conference Room Audio Video	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Audio and video systems enhancements, upgrades, and additions.

Justification: Planned and as-need to maximize meeting efficiency.

Comments: N/A

Project Forecast

Year	Total Budget
2024	175,000
2025	175,000
2026	175,000
2027	175,000
2028	175,000
	\$ 875,000

Project Details 2024

Account	Description	Total Amount
Expenses		
541403	Infrastructure - Other	175,000
	Total Expenses:	\$ 175,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000067	Budget Year:	2024
Project Title:	Data Logger Auditing Tool for Lane System	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Data logger auditing tool for lane system used to collect and analyze accuracy; additional logger tools and as-needed enhancements.

Justification: Required to ensure lanes systems are accurate. The data logger analyzes and verifies vehicle and transaction data traveling through the toll zone.

Comments: N/A

Project Forecast

Year	Total Budget
2024	620,000
2025	620,000
2026	480,000
2027	480,000
2028	480,000
	\$ 2,680,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	200,000
531651	Software	420,000
	Total Expenses:	\$ 620,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000068	Budget Year:	2024
Project Title:	National Interoperability	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Develop, enhance, expand, and support Central United States HUB and interoperability with South East, West and North East HUBs.

Justification: Required to enhance out of state toll revenue collection and customer service. This project is to expand national interoperability. It includes services to provide management, technical support, and system services to enhance the Central United States Interoperability Hub and to connect with other hubs. Currently seven agencies that equally contribute to this effort and reimburse NTTA. Therefore, NTTA's net cost is 1/7th of the total.

Comments: N/A

Project Forecast

Year	Total Budget
2024	1,000,000
2025	1,000,000
2026	1,000,000
2027	1,000,000
2028	1,000,000
	\$ 5,000,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	1,000,000
	Total Expenses:	\$ 1,000,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000070	Budget Year:	2024
Project Title:	Multi-Channel Communications System	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Upgrade, enhance, and support call center, telephone, and data communications systems.

Justification: To improve customer service and operational efficiencies; includes voice analytics, interactive voice response, toll and intelligent transportation, security, multi-channel applications (twitter, facebook, web chat, etc.), telephones, licensing, and software.

Comments: N/A

Project Forecast

Year	Total Budget
2024	2,500,000
2025	2,500,000
2026	500,000
2027	500,000
2028	500,000
	\$ 6,500,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	2,500,000
	Total Expenses:	\$ 2,500,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000071	Budget Year:	2024
Project Title:	LoneStar Traffic Management System	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Plan and implement upgrades, expansions, enhancements, and replacement of the LoneStar advanced traffic management system.

Justification: Lonestar is an advanced traffic management system used by the Traffic and Incident Management (i.e., lane closure, wrong way driver, connected vehicle, etc.).

Comments: N/A

Project Forecast

Year	Total Budget
2024	1,050,000
2025	750,000
2026	750,000
2027	750,000
2028	750,000
	\$ 4,050,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	750,000
541401	Infrastructure	300,000
	Total Expenses:	\$ 1,050,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000086	Budget Year:	2024
Project Title:	NTTA Employee Portal	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Plan and implement enhancements to new employee portal (Microsoft SharePoint).

Justification: Key NTTA business application for communication, collaboration, and productivity.

Comments: N/A

Project Forecast

Year	Total Budget
2024	300,000
2025	300,000
2026	300,000
2027	300,000
2028	300,000
	\$ 1,500,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	300,000
	Total Expenses:	\$ 300,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000115	Budget Year:	2024
Project Title:	C*Cure Facility Access System	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Upgrade of the technology for Facility Access system

Justification: Facility access system managed secure access to all doors for NTTA facilities including walk-in customer service centers. This fund will be used to upgrade the technology.

Comments: N/A

Project Forecast

Year	Total Budget
2024	800,000
2025	1,000,000
2026	600,000
2027	550,000
2028	550,000
	\$ 3,500,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	300,000
531541	Computers	500,000
	Total Expenses:	\$ 800,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000116	Budget Year:	2024
Project Title:	Backup System	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: This fund will be used to enhance capabilities for the backup system.

Justification: System Backups are critical to system recovery incase of failures. It is critical to stay current with evolving technologies to enhance backup operations and keep them efficient so that they do not impact the system uptime.

Comments: N/A

Project Forecast

Year	Total Budget
2024	400,000
2025	400,000
2026	400,000
2027	400,000
2028	400,000
	\$ 2,000,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	400,000
	Total Expenses:	\$ 400,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000117	Budget Year:	2024
Project Title:	Lane Level Toll Collection System	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Plan, design, and implement upgrades and expansion to the lane level toll collection system (i.e., lane system assessment, etc.).

Justification: Needed to enhance toll collection, operational, and maintenance efficiency and reliability.

Comments: N/A

Project Forecast

Year	Total Budget
2024	1,500,000
2025	1,350,000
2026	1,350,000
2027	1,350,000
2028	1,350,000
	\$ 6,900,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531641	Computers	1,250,000
531651	Software	250,000
	Total Expenses:	\$ 1,500,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000134	Budget Year:	2024
Project Title:	Back Office System	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Back-office toll system enhancements.

Justification: Needed to enhance operational capabilities, efficiencies, reporting, and improve customer service.

Comments:

Project Forecast

Year	Total Budget
2024	4,000,000
2025	4,000,000
2026	4,000,000
2027	4,000,000
2028	4,000,000
	\$ 20,000,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	4,000,000
	Total Expenses:	\$ 4,000,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000172	Budget Year:	2024
Project Title:	Infrastructure Managed Services - Data Centers	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Plan, design, implement, operate, monitor, maintain, and manage data center infrastructure including support for cyber security.

Justification: Need to provide support and expertise to ensure expertise and support to maximize operational efficiency and reliability.

Comments:

Project Forecast

Year	Total Budget
2024	5,500,000
2025	5,500,000
2026	5,500,000
2027	5,500,000
2028	5,500,000
	\$ 27,500,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	5,500,000
	Total Expenses:	\$ 5,500,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000173	Budget Year:	2024
Project Title:	Cloud Expansion Project	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Plan, design, implement, operate, monitor, maintain data center and other application cloud enhancements, expansion, upgrades, and migrations.

Justification: Needed to enhance operational efficiencies and business continuity.

Comments:

Project Forecast

Year	Total Budget
2024	1,000,000
2025	1,000,000
2026	1,000,000
2027	1,000,000
2028	1,000,000
	\$ 5,000,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	1,000,000
	Total Expenses:	\$ 1,000,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000174	Budget Year:	2024
Project Title:	PeopleSoft Replacement Project	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: The purpose of this project is to replace the existing PeopleSoft application with an optimal solution that will satisfy business needs and provides HR and Finance functions with ease.

Justification: Explore new opportunities in the Accounting and HR application environments that can meet future NTTA business needs while providing a flexible enterprise solution.

Comments:

Project Forecast

Year	Total Budget
2024	3,200,000
2025	3,200,000
2026	3,200,000
2027	500,000
2028	500,000
	\$ 10,600,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	1,200,000
531651	Software	2,000,000
	Total Expenses:	\$ 3,200,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000175	Budget Year:	2024
Project Title:	Equinix Data Center	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Implement site-to-site high availability or load sharing at Equinix datacenter for critical production environments, including storage, and share video with adjoining cities and counties.

Justification: Enhances failover capabilities and improves availability.

Comments:

Project Forecast

Year	Total Budget
2024	2,100,000
2025	1,150,000
2026	12,250,000
2027	5,825,000
2028	1,950,000
	\$ 23,275,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531641	Computers	2,100,000
	Total Expenses:	\$ 2,100,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000176	Budget Year:	2024
Project Title:	CJIS Compliance	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: CJIS compliant third-party service provider for the Safety Operations Center (SOC) CAD environment.

Justification: Only CJIS certified staff can administer this environment.

Comments:

Project Forecast

Year	Total Budget
2024	300,000
2025	300,000
2026	300,000
2027	300,000
2028	300,000
	\$ 1,500,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	300,000
	Total Expenses:	\$ 300,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000177	Budget Year:	2024
Project Title:	New Debt and Cash Management Software	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Re-procure Debt and Cash Management solution

Justification: Meet departmental needs for improved functionality and reporting of Cash and Debt Management. Initiative to support NTTA objective to remain a financially sound organization. Current software that is being used is outdated and does not have key functionalities.

Comments:

Project Forecast

Year	Total Budget
2024	300,000
2025	0
2026	0
2027	0
2028	0
	\$ 300,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	300,000
	Total Expenses:	\$ 300,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000179	Budget Year:	2024
Project Title:	Lockbox Replacement Assessment	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Re-procure Lockbox Vendor

Justification: Standard procurement process

Comments:

Project Forecast

Year	Total Budget
2024	250,000
2025	1,250,000
2026	0
2027	0
2028	0
	\$ 1,500,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	250,000
	Total Expenses:	\$ 250,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000180	Budget Year:	2024
Project Title:	CSC Print Vendor	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Select a qualified vendor to provide Customer Billing and Notification Services (CBNS) supporting NTTA's Customer Service department in the printing and distribution (e.g., US mail, email, SMS-text) of customer-related documents including Monthly Billing Statements (MBS), Monthly Account Statements (MAS), Toll Enforcement Remedies (TER)-related correspondences and marketing documentation. These services should include the ability to interface the CBNS vendor's system with NTTA's TRIPS Back Office System (BOS) for the efficient processing, distribution, and reconciliation of MBSs, MASs and customer correspondence pieces to the customer, with the ability to store these pieces electronically on the customer's account; and provide data resources and programs such as National Change of Address (NCOA) to support NTTA in keeping customer addresses current.

Justification: Reduction of call volume handled at NTTA's Call Center (CC) as well as walk-in customers serviced at NTTA's Customer Service Centers (CSC) provides overall increase CSC and CC staff productivity resulting from improved ZipCash invoice design directing customers to more self-service options for payment of invoices and assistance with invoice questions. Technology updates to system interfaces provides improved efficiencies in volume of invoices and correspondences sent to customers and the amount of data available to reconciliation reports.

Comments:

Project Forecast

Year	Total Budget
2024	2,500,000
2025	3,500,000
2026	0
2027	0
2028	0
	\$ 6,000,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	2,500,000
	Total Expenses:	\$ 2,500,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000181	Budget Year:	2024
Project Title:	Payment Processor Replacement	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Re-procure Payment processing Vendor

Justification: Standard procurement process

Comments:

Project Forecast

Year	Total Budget
2024	500,000
2025	2,000,000
2026	1,500,000
2027	0
2028	0
	\$ 4,000,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	500,000
	Total Expenses:	\$ 500,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000183	Budget Year:	2024
Project Title:	CSC Business Continuity	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: The purpose of this initiative is to explore business continuity opportunities including end user solutions for CSC.

Justification: Current on-perm operations lack adequate business continuity plan which will add more flexibility in providing customer support services.

Comments:

Project Forecast

<u>Year</u>	<u>Total Budget</u>
2024	100,000
2025	100,000
2026	100,000
2027	100,000
2028	100,000
	<u>\$ 500,000</u>

Project Details 2024

<u>Account</u>	<u>Description</u>	<u>Total Amount</u>
Expenses		
531641	Computers	100,000
	Total Expenses:	<u>\$ 100,000</u>

Operating Budget Impact

<u>Budget Year</u>	<u>Exp (Rev)</u>	<u>FTE Impact</u>
None	None	None

Project Detail

Project Number:	7000184	Budget Year:	2024
Project Title:	Planned Collection Initiatives	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: New planned collection initiatives to include alternate payment channels, affidavit process, civil lawsuits, ZipCash service providers, credit reporting, Expand transaction processing for other agencies etc.

Justification: To strategically expand transaction processing beyond North Texas for better customer service and improve collection results that would meet/exceed current service level agreements.

Comments:

Project Forecast

Year	Total Budget
2024	5,000,000
2025	5,000,000
2026	5,000,000
2027	5,000,000
2028	5,000,000
	\$ 25,000,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	5,000,000
	Total Expenses:	\$ 5,000,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000188	Budget Year:	2024
Project Title:	Expand Parking Using TollTag	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Expand Parking in the region - event parking, state fair, Rangers, etc. using TollTag.

Justification: Initiative to support NTTA objective to be a customer-driven organization.

Comments:

Project Forecast

Year	Total Budget
2024	300,000
2025	300,000
2026	100,000
2027	100,000
2028	100,000
	\$ 900,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	300,000
	Total Expenses:	\$ 300,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000195	Budget Year:	2024
Project Title:	IT General Operations Consultant	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: IT General operations consultant

Justification: Similar to GEC for project delivery department, IT General Operations Consultant will will support IT department with budgeting, project management, project prioritization and resource allocation to ensure the success of NTTA projects.

Comments:

Project Forecast

Year	Total Budget
2024	2,000,000
2025	2,000,000
2026	2,000,000
2027	2,000,000
2028	2,000,000
	\$ 10,000,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521201	Consulting/Professional	2,000,000
	Total Expenses:	\$ 2,000,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000197	Budget Year:	2024
Project Title:	Assetworks Replacement Project	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Project requested by Maintenance for a new CMMS tool as an AssetWorks replacement

Justification: An upgraded asset management system is needed for roadway maintenance that provides improved integration with GIS and reporting from multiple platforms (Monthly MRP Inspections, Annual GEC Inspections, Bridge Inspections, Retaining Wall Inspections, etc.). The goal is to implement holistic approach to managing NTTA roadway assets that will enable improved and more efficient planning.

Comments:

Project Forecast

Year	Total Budget
2024	500,000
2025	500,000
2026	0
2027	0
2028	0
	\$ 1,000,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	500,000
	Total Expenses:	\$ 500,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000198	Budget Year:	2024
Project Title:	Maintenance Tool Firmware Upgrade Project	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Maintenance requested IT solutions that allows them efficient firmware updates for the proprietary tools used to maintain the NTTA Fleet.

Justification: This project is needed to provide the mechanics with hardware, software, and secure internet access to download software updates from key websites for vehicle and equipment software updates, maintenance, troubleshooting, and repairs.

Comments:

Project Forecast

Year	Total Budget
2024	50,000
2025	10,000
2026	10,000
2027	10,000
2028	10,000
	\$ 90,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	500,000
	Total Expenses:	\$ 500,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000199	Budget Year:	2024
Project Title:	NTTAMarketPlace.org	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: NTTAMarketplace.org was updated in 2023. Allowing for future unplanned updates that may occur in 2024.

Justification: This is required to for future upgrades and enhanced functionality as needed.

Comments:

Project Forecast

Year	Total Budget
2024	50,000
2025	50,000
2026	50,000
2027	50,000
2028	50,000
	\$ 250,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	50,000
	Total Expenses:	\$ 50,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000205	Budget Year:	2024
Project Title:	PMIS Replacement	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: IT replacement of the current PMIS application to a new SaaS solution that includes both Program Management and Project Management.

Justification: This project replaces the current Project Management Information System (PMIS) for information technology. Improved management, tracking, resource management, and reporting is needed to manage the information technology capital program.

Comments:

Project Forecast

Year	Total Budget
2024	300,000
2025	300,000
2026	50,000
2027	50,000
2028	50,000
	\$ 750,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	300,000
	Total Expenses:	\$ 300,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000206	Budget Year:	2024
Project Title:	RFID Asset Management Software	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: IT related project to use RFID to manage IT related assets. Maintenance may also want this functionality.

Justification: NTTA has more than 8,500 information technology related assets in inventory. This project will automate and improve asset management and inventory tracking using Radio Frequency Identification (RFID) tagging technology.

Comments:

Project Forecast

Year	Total Budget
2024	300,000
2025	50,000
2026	50,000
2027	50,000
2028	50,000
	\$ 500,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	300,000
	Total Expenses:	\$ 300,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000207	Budget Year:	2024
Project Title:	Enterprise Applications Support Services	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Staff Augmentation for Enterprise Applications projects.

Justification: This project provides project management and technical support for enterprise applications, including support for capital plan projects and other as needed application task and improvements.

Comments:

Project Forecast

Year	Total Budget
2024	300,000
2025	300,000
2026	300,000
2027	300,000
2028	300,000
	\$ 1,500,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	300,000
	Total Expenses:	\$ 300,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000211	Budget Year:	2024
Project Title:	CCure Integration with Genetec	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Display CCure events in Genetec

Justification: CCure is NTTA’s application that monitors and manages physical access control to facilities (i.e., doors). This project will integrate the CCure with the Safety Operations Center (SOC) to work from the new video management system (Genetec). Essentially, causing CCure functionality to execute within Genetec so the SOC does not need to toggle between two applications at the same time.

Comments:

Project Forecast

Year	Total Budget
2024	300,000
2025	50,000
2026	50,000
2027	50,000
2028	50,000
	\$ 500,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	300,000
	Total Expenses:	\$ 300,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000214	Budget Year:	2024
Project Title:	Project Management and Technical Support	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Project management and technical support to support information technology projects.

Justification: To deliver capital plan and operational projects.

Comments:

Project Forecast

Year	Total Budget
2024	2,850,000
2025	2,850,000
2026	2,850,000
2027	2,850,000
2028	2,850,000
	\$ 14,250,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	2,850,000
	Total Expenses:	\$ 2,850,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000220	Budget Year:	2024
Project Title:	Human Resource Digital Form Project	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Transition to digital forms

Justification: HR requests for transition from paper to digital employee forms. May need to purchase additional licenses.

Comments:

Project Forecast

Year	Total Budget
2024	300,000
2025	0
2026	0
2027	0
2028	0
	\$ 300,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	300,000
	Total Expenses:	\$ 300,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000221	Budget Year:	2024
Project Title:	Human Resource Training Program	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Transition from SkillSoft/Percipio to LinkedIn

Justification: HR request to transition from SkillSoft/Percipio to LinkedIn.

Comments:

Project Forecast

Year	Total Budget
2024	500,000
2025	0
2026	0
2027	0
2028	0
	\$ 500,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	500,000
	Total Expenses:	\$ 500,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000222	Budget Year:	2024
Project Title:	BlueBeam License Expansion (Project Delivery)	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Additional licenses for Project Delivery

Justification: Additional licenses for Project Delivery

Comments:

Project Forecast

Year	Total Budget
2024	50,000
2025	50,000
2026	50,000
2027	50,000
2028	50,000
	\$ 250,000

Project Details 2024

Account	Description	Total Amount
Expenses		
531651	Software	50,000
	Total Expenses:	\$ 50,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000223	Budget Year:	2024
Project Title:	Customer Services and Revenue Systems Project M	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: Project management and technical support

Justification: 4-year consulting services related to Customer Services and Revenue Systems Project Management Services

Comments:

Project Forecast

Year	Total Budget
2024	1,100,000
2025	1,100,000
2026	1,100,000
2027	1,100,000
2028	0
	\$ 4,400,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	1,100,000
	Total Expenses:	\$ 1,100,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000224	Budget Year:	2024
Project Title:	Program Management System (TBD)	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	-

Description: New program management system/software

Justification: This project provides project management enhancements and integration with Microsoft Teams and SharePoint required to for operations management to plan and manage capital plan project and initiatives.

Comments:

Project Forecast

Year	Total Budget
2024	300,000
2025	100,000
2026	100,000
2027	100,000
2028	100,000
	\$ 700,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	300,000
	Total Expenses:	\$ 300,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7001253	Budget Year:	2024
Project Title:	Command Center Radio System	Manager:	Information Technology
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20110-Total Information Technology	Total Project Cost:	Annual Budget
Project Type:	Technology	Prior Years Cost:	

Description: Enhance or add to the Radio Communications System used by the Safety Operations Center (SOC).

Justification: Needed to provide reliable communications for roadway operations and maintenance.

Comments: N/A

Project Forecast
Year

Total Budget

2024	250,000
2025	100,000
2026	100,000
2027	350,000
2028	350,000
	\$ 1,150,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521301	Consulting/Profess Serv Tech	100,000
531641	Computers	150,000
	Total Expenses:	\$ 250,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000835	Budget Year:	2024
Project Title:	Systemwide Facility Improvements	Manager:	Maintenance
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20200-Total Maintenance	Total Project Cost:	Annual Budget
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Major building modifications and/or expansion. Building repairs or component/equipment replacements. Projects include roof repairs, HVAC equipment repairs and structural repairs.

Justification: Buildings are modified or expanded as NTTA system expands. Annual inspections are conducted to identify any improvements required.

Comments: To maintain NTTA assets at or above the Board-approved level of quality. Projects must be performed at the "right time" to prevent higher cost of repairs at a later time.

Project Forecast

Year	Total Budget
2024	6,667,590
2025	2,800,000
2026	4,600,000
2027	1,850,000
2028	2,300,000
	\$ 18,217,590

Project Details 2024

Account	Description	Total Amount
Expenses		
541302	Building Improvements	6,667,590
	Total Expenses:	\$ 6,667,590

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000042	Budget Year:	2024
Project Title:	General Engineering	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Professional services providing project management oversight for the planning and design of routine maintenance and repair/rehab projects, the annual 5-year RMF and CIF budget development, asset management and other duties to support the Project Delivery and Maintenance Departments.

Justification: To maintain NTTA assets to the Board-approved level of quality and ultimately the safety of NTTA's customers.

Comments: N/A

Project Forecast

Year	Total Budget
2024	250,000
2025	250,000
2026	250,000
2027	250,000
2028	250,000
	\$ 1,250,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	250,000
	Total Expenses:	\$ 250,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	1000045	Budget Year:	2024
Project Title:	Sand Stockpile	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Construct or improve operational function of the Maintenance operation facilities, sand and salt stockpiles, and storage areas.

Justification: To provide or improve emergency response during inclement weather to maintain and enhance traffic safety.

Comments: N/A

Project Forecast

Year	Total Budget
2024	2,250,000
2025	450,000
2026	5,000,000
2027	400,000
2028	5,000,000
	\$ 13,100,000

Project Details 2024

Account	Description	Total Amount
Expenses		
541401	Infrastructure Rdway/Hwy/Bridg	2,250,000
	Total Expenses:	\$ 2,250,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	2000000	Budget Year:	2024
Project Title:	PGBT EE	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	\$ 98,000,000
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Limits: SH 78 to IH-30
 Approx. 9.9 miles. Six mainlanes and intermittent 3 lane frontage roads.

Justification: Right-of-way transfers with corridor Cities and TxDOT per Project Agreements.
 Completion of LOMR with the city of Rowlett.

Comments:

<u>Year</u>	<u>Total Budget</u>
2024	30,000
2025	0
2026	0
2027	0
2028	0
	<u>\$ 30,000</u>

Project Details 2024

<u>Account</u>	<u>Description</u>	<u>Total Amount</u>
Expenses		
173003	Right of Way	30,000
	Total Expenses:	<u>\$ 30,000</u>

Operating Budget Impact

<u>Budget Year</u>	<u>Exp (Rev)</u>	<u>FTE Impact</u>
None	None	None

Project Detail

Project Number:	2000005	Budget Year:	2024
Project Title:	PGBT Continuous Illumination	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	\$ 75,240,000
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Project to study, design and construct continuous illumination along PGBT.

Schedule:
 Design: Mid 2021 - Mid 2025
 Construction: 2024 - 2027

Justification: With increased traffic in the corridor, lighting is recommended as a safety improvement per AASHTO and TxDOT guidelines.

Comments: Estimate level E, \$75,240,000

Project Forecast Year	Total Budget
2024	6,040,000
2025	25,084,000
2026	31,154,000
2027	10,789,000
2028	0
	\$ 73,067,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	2,433,000
541401	Infrastructure	3,607,000
	Total Expenses:	\$ 6,040,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	2100007	Budget Year:	2024
Project Title:	DNT PH4A Bridges over U.S. 380	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	\$ 90,282,242
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Limits: DNT overpass at US 380 with ramps from DNT to Northbound and Southbound service roads. Add toll gantries to the existing (closed) ramps to/from Panther Creek Parkway.

Justification: Schedule:
Construction: 2019-2023

Comments: Estimate Level A, \$90,282,242

Project Forecast
Year

	Total Budget
2024	280,000
2025	0
2026	0
2027	0
2028	0
	\$ 280,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	80,000
541401	Infrastructure	200,000
	Total Expenses:	\$ 280,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	2100008	Budget Year:	2024
Project Title:	DNT Phase 4B (Frontage Road)	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	Denton County
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	\$ 26,849,335
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Approx. 8 miles: 2 lane frontage road from FM 428 to County Road 60.

Justification: Design and Construction of DNT Phase 4B frontage road in Denton and Collin Counties. Costs are reimbursed by Denton County.

Schedule:
 Construction 2020-2022
 Construction Closeout 2023-2024

Comments: Estimate level A, \$26,849,355

Project Forecast

Year	Total Budget
2024	10,000
2025	0
2026	0
2027	0
2028	0
	\$ 10,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	10,000
	Total Expenses:	\$ 10,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	2100010	Budget Year:	2024
Project Title:	DNT 4B (Segment 6)	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	\$ 541,358,231
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Limits: FM 428 to Grayson County. Approximately 8 miles

Justification: Build mainlanes.

Schedule:
 Planning: 2025-2027
 Design: Start 2027

Comments: Estimate Level E, \$541,358,231

Project Forecast

Year	Total Budget
2024	50,000
2025	2,847,675
2026	2,738,554
2027	10,929,299
2028	11,747,792
	\$ 28,313,320

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	50,000
	Total Expenses:	\$ 50,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	2100011	Budget Year:	2024
Project Title:	DNT Widening (SRT to U.S. 380)	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	\$ 157,329,639
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Limits: SRT to US 380. Adds an additional lane in each direction to DNT.

Justification: Fields Parkway improvements are reimbursable from city of Frisco per ILA.

Schedule:
 Environmental & Schematic 2019-2021
 Design 2021-2022
 Construction 2022-2025
 OTT 2025
 Landscape Maintenance 2025-2026

Comments: Estimate Level A, \$157,329,639

Project Forecast

Year	Total Budget
2024	51,204,174
2025	35,799,785
2026	643,541
2027	92,010
2028	0
	\$ 87,739,510

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	769,488
541401	Infrastructure Rdway/Hwy/Bridg	50,434,686
	Total Expenses:	\$ 51,204,174

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	2100012	Budget Year:	2024
Project Title:	DNT Corridor Capacity Study	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: General engineering cost to study possible improvements for the DNT from I-35E to Grayson County.

Justification: Study for safety, capacity and other operational enhancements.

Comments: N/A

Project Forecast

Year	Total Budget
2024	1,026,025
2025	0
2026	0
2027	0
2028	0
	\$ 1,026,025

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	1,026,025
	Total Expenses:	\$ 1,026,025

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	2100013	Budget Year:	2024
Project Title:	DNT Phase 4A	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	\$ 459,693,220
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Limits: DNT from north of U.S. 380 to south of FM 428. Approximately 6 miles of mainlanes.

Justification: Build northbound and southbound mainlanes.

Schedule:
 Planning: 2020-2021
 Design: 2022-2024
 Construction: 2024-2027

Approximately \$16 million to be reimbursed by Town of Prosper and City of Celina.

Comments: Estimate Level B, \$459,693,220

Project Forecast Year	Total Budget
2024	95,730,005
2025	127,612,726
2026	102,213,603
2027	98,930,822
2028	17,176,311
	\$ 441,663,467

Project Details 2024		Total Amount
Account	Description	
Expenses		
521213	General Engineering	2,397,168
541401	Infrastructure	93,332,837
	Total Expenses:	\$ 95,730,005

Operating Budget Impact		
Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	2100015	Budget Year:	2024
Project Title:	Interchange Improvements	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: General planning including preliminary alternatives and cost estimates for various interchange improvements along the system (DNT/35E, SH 114/PGBT and CTP/US 67)

Justification:

Comments: N/A

Project Forecast

Year	Total Budget
2024	0
2025	250,000
2026	250,000
2027	0
2028	0
	\$ 500,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	-
	Total Expenses:	-

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	2100310	Budget Year:	2024
Project Title:	DNT South End Design Guidelines Implementation	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Limits: North of I-35E to south of I-635.
Includes replacement of illumination, installation of bridge & ROW fencing, slope stabilization, landscape & irrigation improvements.

Justification: This project will start after the completion of the DNT Corridor Capacity study.

Comments: N/A

Project Forecast

Year	Total Budget
2024	0
2025	0
2026	1,700,293
2027	14,049,111
2028	8,355,271
	\$ 24,104,675

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	-
	Total Expenses:	-

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	2500003	Budget Year:	2024
Project Title:	SRT Widening	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	\$ 191,526,343
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Limits: Denton Tap Rd to US 75.
Adds an additional lane in each direction to SRT.

Justification: Schedule:
Landscape maintenance and closeout 2023-2024

Comments: Estimate Level A, \$191,526,343

Project Forecast

Year	Total Budget
2024	550,000
2025	0
2026	0
2027	0
2028	0
	\$ 550,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	50,000
541401	Infrastructure Rdway/Hwy/Bridg	500,000
	Total Expenses:	\$ 550,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	2500004	Budget Year:	2024
Project Title:	SRT Continuous Illumination	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	\$ 41,956,834
Project Type:	Facilities/Roadway	Prior Years Cost:	-

Description: Project to study, design and construct continuous illumination along the Sam Rayburn Tollway.

Schedule:
 Design: Mid 2024 - 2028
 Construction: 2027 - 2029

Justification: With increased traffic in the corridor, lighting is recommended as a safety improvement per AASHTO and TxDOT guidelines

Comments: Estimate Level E, \$41,956,834

Project Forecast

Year	Total Budget
2024	594,000
2025	1,187,000
2026	1,048,000
2027	9,733,000
2028	19,376,000
	\$ 31,938,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	594,000
	Total Expenses:	\$ 594,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	2900001	Budget Year:	2024
Project Title:	360T Section 1 Improvements	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Limits: North of Camp Wisdom Road to US 287.
 ROW survey and transfer per terms of ILA.
 Turf improvements, landscape and irrigation improvement, and maintenance.
 Evaluate bottleneck improvements at north end of project.

Justification: This section of 360 requires these improvements to bring up to NTTA standards.

Comments:

Project Forecast

Year	Total Budget
2024	700,000
2025	1,950,000
2026	11,250,000
2027	10,550,000
2028	1,479,698
	\$ 25,929,698

Project Details 2024

Account	Description	Total Amount
Expenses		
541402	Infrastructure Right -of -Way	50,000
521213	General Engineering	650,000
	Total Expenses:	\$ 700,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	2900002	Budget Year:	2024
Project Title:	360T Section 2	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Limits: From US 287 to US 67 (Approximately 5.5 miles)

Justification: Schedule:
Planning start mid-2023

Comments:

Project Forecast

Year	Total Budget
2024	2,800,000
2025	2,800,000
2026	0
2027	0
2028	0
	\$ 5,600,000

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	2,800,000
	Total Expenses:	\$ 2,800,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	3000000	Budget Year:	2024
Project Title:	PGBT East Branch	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	\$ 1,728,918,766
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Limits: I-30 to I-20 Approximately 11.2 miles

Justification: Schedule: Planning through 2025
Design & ROW Starting 2026

Comments: Estimate Level E, \$1,728,918,766

Project Forecast

Year	Total Budget
2024	2,848,570
2025	2,848,570
2026	26,980,132
2027	44,876,692
2028	75,924,780
	\$ 153,478,744

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	2,848,570
	Total Expenses:	\$ 2,848,570

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	3900001	Budget Year:	2024
Project Title:	PGBT/360 Tollway Connector	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	\$ 363,347,052
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Limits: Direct connector from PGBT to 360 Tollway along I-20.

Justification: Provide direct access from PGBT to 360 Tollway.

Comments: Estimate level E, \$363,347,052

Project Forecast

Year	Total Budget
2024	250,000
2025	3,538,937
2026	5,461,097
2027	16,622,763
2028	11,920,217
	\$ 37,793,014

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	250,000
	Total Expenses:	\$ 250,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000072	Budget Year:	2024
Project Title:	MSE Wall Program	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Retaining wall rehabilitation

Justification: Rehabilitation of MSE retaining walls systemwide

Comments:

Project Forecast

Year	Total Budget
2024	22,200,000
2025	23,176,000
2026	14,452,000
2027	6,815,000
2028	9,655,000
	\$ 76,298,000

Project Details 2024

Account	Description	Total Amount
Expenses		
541401	Infrastructure Rdway/Hwy/Bridg	22,200,000
	Total Expenses:	\$ 22,200,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7200000	Budget Year:	2024
Project Title:	CTP	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Approx 27.7 miles - IH-30 to US 67, IH-30 to Altamesa - Six mainlanes.
 Altamesa Blvd to FM1187 - Four mainlanes.
 FM 1187 to US 67 - Two mainlanes

Justification: Right of way transfers with corridor Cities and TxDOT per Project Agreements

Comments:

Project Forecast

Year	Total Budget
2024	150,000
2025	50,000
2026	0
2027	0
2028	0
	\$ 200,000

Project Details 2024

Account	Description	Total Amount
Expenses		
541402	Infrastructure Right -of -Way	150,000
	Total Expenses:	\$ 150,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7200001	Budget Year:	2024
Project Title:	CTP South 2-Lanes	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	\$ 239,405,563
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Limits: Southbound main-lanes from FM 1187 to U.S. 67.

Justification: Build 2 southbound main-lanes.
 Schedule:
 Planning: 2022-2023
 Design: 2023-2025
 Construction: 2026-2028

Comments: Estimate Level E, \$239,405,563

Project Forecast

Year	Total Budget
2024	7,621,297
2025	4,937,367
2026	42,846,253
2027	79,344,233
2028	62,137,182
	\$ 196,886,332

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	7,621,297
	Total Expenses:	\$ 7,621,297

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7200002	Budget Year:	2024
Project Title:	CTP Worth Creek Parkway Overpass	Manager:	Project Delivery
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20510-Total Project Delivery	Total Project Cost:	
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Construction of a new cross street and ramps for Worth Creek Parkway at CTP near Tarleton State University

Justification: Schedule:
 Planning 2023
 Design 2024-2025
 Construction 2025-2027
 Design, construction and ROW are reimbursable

Comments:

Project Forecast

Year	Total Budget
2024	1,433,724
2025	10,381,873
2026	9,227,410
2027	1,476,980
2028	0
	\$ 22,519,987

Project Details 2024

Account	Description	Total Amount
Expenses		
521213	General Engineering	1,410,561
541402	Infrastructure Right -of -Way	23,163
	Total Expenses:	\$ 1,433,724

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None

Project Detail

Project Number:	7000000	Budget Year:	2024
Project Title:	Systemwide Safety Improvements	Manager:	Traffic & Incident Management
Fund:	CIF Project	Project Partner:	N/A
Department:	NTTA-20610-Total Traffic and Incident Management	Total Project Cost:	
Project Type:	Facilities/Roadway	Prior Years Cost:	

Description: Systemwide Safety Improvements are small projects, technology upgrades including upgrade of ATMs, tools, and equipment to improve the traffic flow and/or safety.

Justification: This budget provides funding to perform localized safety improvements and increased traffic flow.

Comments: N/A

Project Forecast

Year	Total Budget
2024	16,920,000
2025	17,475,000
2026	16,775,000
2027	15,000,000
2028	13,475,000
	\$ 79,645,000

Project Details 2024

Account	Description	Total Amount
Expenses		
541401	Infrastructure Rdway/Hwy/Bridg	16,920,000
	Total Expenses:	\$ 16,920,000

Operating Budget Impact

Budget Year	Exp (Rev)	FTE Impact
None	None	None



Striping northbound PGA Parkway exit ramp in Frisco

APPENDICES



Pouring concrete for wall on Dallas North Tollway widening project in Frisco

Appendix A - Index of Detail Pages

Project Name	Page #	Project Name	Page #
360T Comprehensive Maintenance Agreement	35	Interchange Improvements	119
360T Section 1 Improvements	123	IT General Operations Consultant	93
360T Section 2	124	IT Roadway Systems	26
Assetworks Replacement Project	94	Landscape	32
Back Office System	80	Lane Level Toll Collection System	79
Backup System	78	Lighting Replacement or Repair	44
BlueBeam License Expansion (Project Delivery)	104	Lockbox Replacement Assessment	87
Business Intelligence System	58	LoneStar Traffic Management System	75
C*Cure Facility Access System	77	Maintenance Tool Firmware Upgrade Project	95
CCure Integration with Genetec	100	Microsoft Enterprise Agreement	66
CJIS Compliance	85	MSE Wall Program	127
Cloud Expansion Project	82	Multi-Channel Communications - CSC	74
Command Center Radio System	107	National Interoperability	73
Computer Hardware Upgrade (CIF)	68	Network Equip. & Comm. Systems Replacement	30
Computer Hardware Upgrades and Replacements (RMF)	28	New Debt and Cash Management Software	86
Conference Room Audio Video	71	NTTA Employee Portal	76
Corporate Website	63	NTTAMarketPlace.org-EPro - Buyspeed Custom	96
CSC Business Continuity	90	Pavement Repair and Rehab	38
CSC Print Vendor	88	Payment Processor Replacement	89
CTP	128	PCI Compliance	59
CTP South 2-Lanes	129	PeopleSoft Human Resource System	64
CTP Worth Creek Parkway Overpass	130	PeopleSoft Replacement Project	83
Customer Services and Revenue Systems Project	105	PGBT Continuous Illumination	112
Data Logger Auditing Tool for Lane System	72	PGBT East Branch	125
Digital Aerial Photography	65	PGBT EE	111
Disaster Recovery	60	PGBT/360 Tollway Connector	126
DNT 4B (Segment 6)	115	Planned Collection Initiatives	91
DNT Corridor Capacity Study	117	PMIS Replacement	97
DNT PH4A Bridges over U.S. 380	113	Printer Hardware Upgrades and Replacements	29
DNT Phase 4A	118	Program Management System (TBD)	106
DNT Phase 4B (Frontage Road)	114	Project Management and Technical Support	101
DNT South End Design Guidelines Implementation	120	Restriping	36
DNT Widening (SRT to U.S. 380)	116	RFID Asset Management Software	98
Enterprise Applications	99	RMF - Fleet	33
EPDS Enhancements	62	Sand Stockpile	110
Equinix Data Center	84	Server Hardware Upgrades and Replacements	27
Erosion Mitigation & Drainage Repairs	37	Service Desk Software Enhancements	70
Expand Parking Using TollTag	92	Signage	39
Facility Improvements (RMF)	34	Software and Licensing	31
General Engineering (CIF)	109	SRT Continuous Illumination	122
General Engineering (RMF)	42	SRT Widening	121
Geographic Information System	69	System-Wide Bridge Repair	40
Human Resource Digital Form Project	102	Systemwide Facility Improvements	108
Human Resource Training Program	103	Systemwide Safety Improvements	131
Infrastructure Managed Services - Data Centers	81	Virtualization	67
Inspection Services	41	Walls, Railings and Steel Elements Repair	43
Intelligent Transportation Systems Enhancements	61		

Appendix B – Capital Plan Process

INTRODUCTION

The North Texas Tollway Authority's policy for the adoption of the Operating Budget (budget of current expenses, annual budget or Operation and Maintenance Fund) and payments into the Reserve Maintenance Fund for the subsequent fiscal year is outlined by the Amended and Restated Trust Agreement with Supplements.

In conjunction with development of the Operating Budget, staff prepares estimates of expenditures for the Reserve Maintenance Fund and Capital Improvement Fund, which is approved by the NTTA Board of Directors with a resolution.

CAPITAL PLAN PROCESS

Capital plan projects are classified into four categories: Reserve Maintenance Projects and Capital Improvement Projects (see Project Type and Funding Source, page 15). Each year, individual departments use a budget module to complete project forms for new projects or update the previous year projects for revised estimates and/or extend the year(s).

The requests are further classified by project type, purpose and priority. These classifications assist in the decision making process. The Treasury Management department creates project lists and summary reports for the four project categories. In addition, they update the long term financial plan schedules. The forms, lists, reports, and schedules are compiled to create the Five-Year Capital Plan Project Book, which is delivered to the executive management team for review and approval.

Any changes from the review and approval process are incorporated into the reports, and the Five-Year Capital Plan book is created. The Capital Plan is presented to the NTTA Board of Directors' Finance, Audit, and Administration Committee for review and recommendation. Upon the Committees' recommendation, the Capital Plan is presented to the full Board of Directors for adoption.

CASH BALANCES

The Trust Agreement requires that some funds maintain cash balances. These cash balances contain both cash on deposit and investments held in the fund as follows:

Operation and Maintenance Fund is required to maintain a cash balance equal to one-sixth (1/6) of the total operating budget amount for the current fiscal year, plus all prior accruals for insurance and other periodic or regularly recurring expenses.

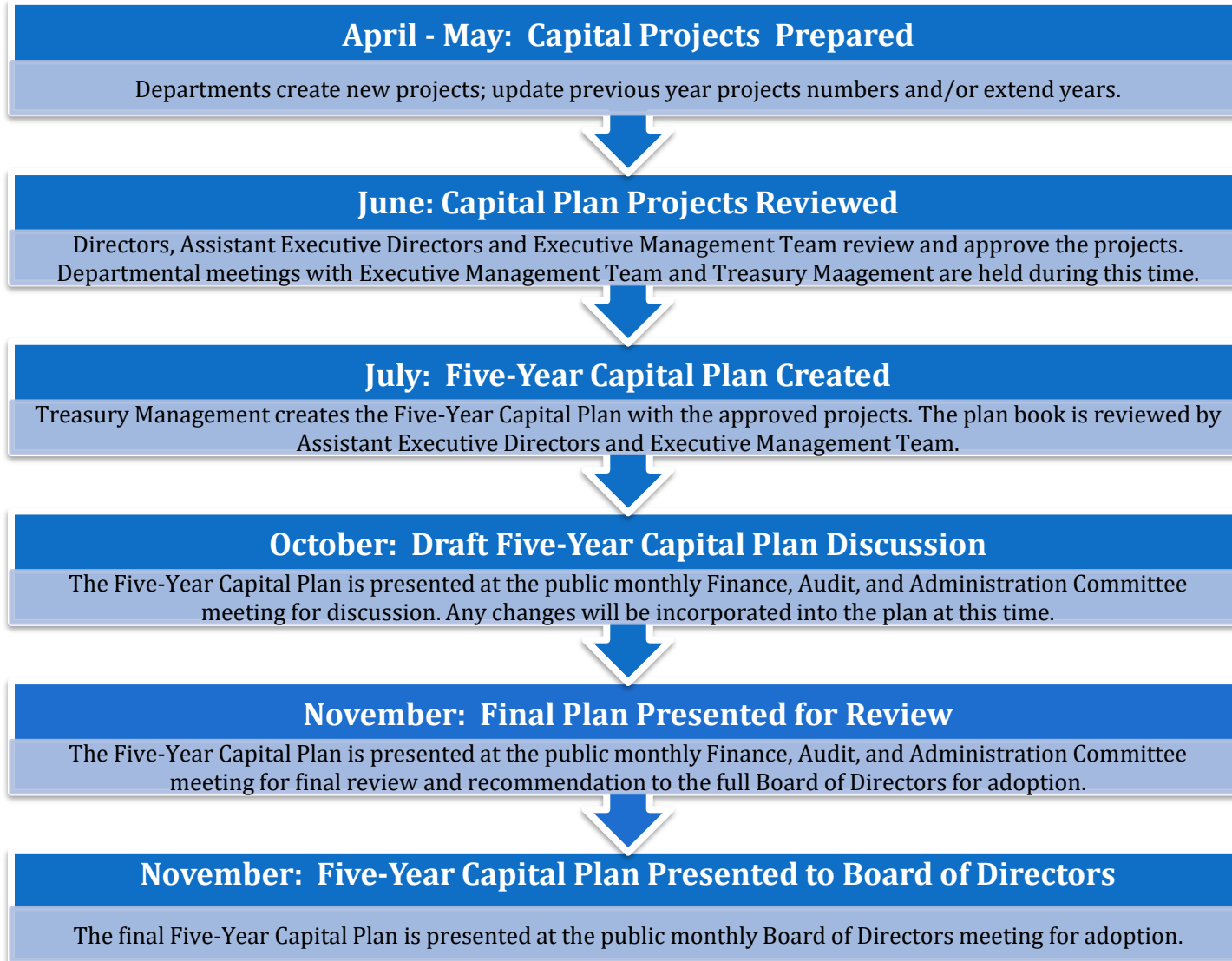
Appendix B – Capital Plan Process (continued)

Reserve Maintenance Fund is required to maintain a reserve balance of \$5.0 million.

Management determined it was prudent to retain funds within the Capital Improvement Fund as insurance against unanticipated needs. During FY2010, the Authority's Board of Directors approved a Rainy Day Fund in the amount of \$50.0 million as the reserve in the Capital Improvement Fund. In FY2022 an additional transfer of \$12.5 million was done to bring the reserve to a total of \$87.5 million. In the FY2024-FY2028 Capital Plan, the Authority's executive management anticipates a transfer of \$40.0 million to establish a \$140.0 million Rainy Day Fund. Use of this reserve requires specific action by the NTTA Board of Directors and is for unanticipated needs or to ensure that subordinate CIF debt payments are made.

Appendix B – Capital Plan Process

CAPITAL PLAN PROCESS FLOW



Appendix C - FY2024 Capital Plan Budget Calendar

Date	Event
April 13, 2023 (Thursday)	Executive Director's FY2024 Budget Meeting with Assistant Executive Directors to discuss budget priorities and overall direction, including compensation and benefits
April 14, 2023 (Friday)	Budget Kickoff Meeting with Department Directors
June 9, 2023 (Friday)	Directors Approve Departmental Budgets, Decision Packages, and Capital Projects in Questica
June 16, 2023 (Friday)	Board Budget Workshop
June 23, 2023 (Friday)	AEDs Approve Departmental Budgets, Decision Packages, and Capital Projects in Questica
June 30, 2023 (Friday)	Executive Management Team Approves Departmental Budgets, Decision Packages, and Capital Projects
July 3 - July 21, 2023	Capital Plan book assembled by Treasury
August 25, 2023 (Friday)	Capital Plan book Review by Executive Management Team completed
September 15, 2023 (Friday)	Five-Year Capital Plan book delivered to Board Members
October 5, 2023 (Thursday)	Finance Audit and Administration Committee Five-Year Capital Plan First Review
October 5 - Oct. 20, 2023	Incorporate any updates to CP
November 2, 2023 (Thursday)	Finance Audit and Administration Committee Five-Year Capital Plan Second Review
November 15, 2023 (Wednesday)	Board Meeting Five-Year Capital Plan Approval
Assumes Thursday Committee Meetings and Wednesday Board Meetings Board events highlighted in blue	

Appendix D – Major Revenue Source

Toll revenue collected on the NTTA System is the Authority’s major source of revenue. It accounts for an estimated \$1.2 billion or 93.7% of the total estimated revenue in the FY2024 Operating Budget.

TOLL REVENUE

Chapter 366 of the Texas Transportation Code authorizes the NTTA to fix, revise, charge and collect tolls for the use of the NTTA System and provides that such tolls will be so fixed and adjusted as to provide funds sufficient with other revenues, if any, to pay the cost of maintaining, repairing and operating the NTTA System and the principal of and the interest on bonds issued in connection with the NTTA System as the same become due and payable, and to create reserves for such purposes. The Authority Act states that such tolls will not be subject to supervision or regulation by any agency of the State or any local governmental entity.

The Authority has adopted a toll rate schedule for the NTTA System in substantial conformity with the recommendations of NTTA’s traffic and revenue engineers. The Authority covenants in the Trust Agreement that it will keep in effect a toll rate schedule that will raise and produce net revenues (total revenue less operating expenses) sufficient to satisfy its debt service requirements.

Independent traffic and revenue engineers, currently CDM Smith, provide the Authority’s traffic and toll revenue estimates. CDM Smith conducted a toll sensitivity analysis of the NTTA System that shows the current and planned toll charges on the NTTA System are below the theoretical revenue maximization points. This demonstrates the potential, if needed, for revenue enhancement through toll increases above those assumed for forecasting purposes.

Appendix D – Major Revenue Source

The schedule below shows CDM Smith’s annual toll revenue estimates for the NTTA System for the next five years. Annual toll revenue growth is expected to average 4.3% per year between FY2024 and FY2028.

Estimated NTTA System Annual Toll Revenue						
Roadway	FY2024	FY2025	FY2026	FY2027	FY2028	
DNT	\$ 348,330,500	\$ 364,089,800	\$ 380,694,700	\$ 396,158,100	\$ 410,503,000	
PGBT	351,870,000	367,507,400	383,775,600	400,284,200	417,637,700	
AATT	1,208,600	1,259,500	1,309,400	1,359,900	1,411,900	
MCLB	1,736,800	1,801,600	1,868,700	1,930,600	2,000,800	
LLTB	14,418,900	14,955,400	15,519,400	16,075,200	16,660,500	
SRT	256,998,100	268,577,800	280,639,500	292,854,900	305,593,300	
360 Tollway	28,203,800	29,880,100	31,675,900	33,944,000	36,408,300	
PGBT WE	79,863,600	84,850,900	89,798,300	94,536,700	99,416,100	
CTP	95,875,500	100,166,600	105,689,400	110,996,900	116,662,700	
System Totals	\$ 1,178,505,800	\$ 1,233,089,100	\$ 1,290,970,900	\$ 1,348,140,500	\$ 1,406,294,300	

REVENUE DISTRIBUTION

The Authority covenants that all gross revenues (all tolls, other revenue, and income) arising or derived by the Authority from the operation and ownership of the Tollway (excepting investment income from all funds and accounts other than the Revenue Fund) will be collected by the Authority and deposited daily, as far as practicable, with the Trustee for the credit of the Revenue Fund. Notwithstanding the foregoing, tolls collected on behalf of TxDOT pursuant to a project agreement that provides for revenue sharing with TxDOT are required to be collected by the Authority and to be held and transferred to or upon the order of TxDOT as set forth in such project agreement. The Trustee is required to disburse amounts which are required to be on deposit in the various funds and accounts described below from the Revenue Fund on the required dates.

Under the Trust Agreement, the tolls and other revenues of the NTTA System on deposit in the Revenue Fund are applied in the following manner with each deposit being made as specified below in the sequence noted:

- 1) *First*, on or before the first day of each month, funds are deposited to the Operation and Maintenance Fund in an amount sufficient to make the balance of the Operation and Maintenance Fund equal to one-sixth (1/6) of the amount of the total Current Expenses in the current Annual Budget, plus all prior accruals for insurance and other periodic or regularly scheduled recurring expenses.

Appendix D – Major Revenue Source

- 2) Second, on or before the last Business Day preceding each interest payment date or principal (or sinking fund redemption) payment date for the First Tier Bonds (including First Tier Payment Obligations) or such other day as set forth in a Supplemental Agreement, funds are deposited to the applicable account in the First Tier Sinking Fund (or to a fund or account created to pay or repay amounts owed under a Credit Agreement entered into in connection with a series of First Tier Bonds in lieu of either of the foregoing) in the amounts due on any First Tier Bond (including First Tier Payment Obligations).
- 3) Third, on or before the first day of each month, funds are deposited to the credit of the First Tier Reserve Account (1) in the amount, if any, required to restore any deficiency in the First Tier Reserve Account due to a withdrawal or change in value of Authorized Investments in order to make the amount on deposit in the First Tier Debt Reserve Account equal to the First Tier Reserve Requirement, which restoration is intended to occur within 12 months of the occurrence of any such deficiency in 12 substantially equal monthly installments, and (2) in the amount set forth in a Supplemental Agreement if an amount different from the First Tier Reserve Requirement is required.
- 4) Fourth, on or before the last Business Day preceding each interest payment date or principal (or sinking fund redemption) payment date for the Second Tier Bonds (including Second Tier Payment Obligations) or such other day as set forth in a Supplemental Agreement, funds are deposited to the applicable account in the Second Tier Sinking Fund (or to a fund or account created to pay or repay amounts owed under a Credit Agreement entered into in connection with a series of Second Tier Bonds in lieu of either of the foregoing) in the amounts due on any Second Tier Bond (including Second Tier Payment Obligations).
- 5) Fifth, on or before the first day of each month, funds are deposited to the credit of the Second Tier Reserve Account or subaccount therein, if one is provided for in a Supplemental Agreement, in the amounts set forth in the Supplemental Agreement establishing the Second Tier Reserve Requirement or authorizing Additional Second Tier Bonds.
- 6) Sixth, on or before the last Business Day preceding each interest payment date or principal (or sinking fund redemption) payment date for the Third Tier Bonds (including Third Tier Payment Obligations) or such other day as set forth in a Supplemental Agreement, funds are deposited to the applicable account in the Third Tier Sinking Fund (or to a fund or account created to pay or repay amounts owed under a Credit Agreement entered into in connection with a series of Third Tier Bonds in lieu of either of the foregoing) in the amounts due on any Third Tier Bond (including Third Tier Payment Obligations).
- 7) Seventh, on or before the first day of each month, funds are deposited to the credit of the Third Tier Reserve Account or subaccount therein, if one is provided for in a Supplemental Agreement, in the amounts set forth in the Supplemental Agreement establishing the Third Tier Reserve Requirement or authorizing Additional Third Tier Bonds.

Appendix D – Major Revenue Source

- 8) Eighth, on or before the first day of each month, funds are required to be deposited in the Reserve Maintenance Fund in an amount equal to one-twelfth of the amount necessary in such fiscal year to accumulate in the Reserve Maintenance Fund an amount equal to the greater of (1) \$5 million, and (2) the amount as may be required in the then current Annual Budget to be deposited to the credit of the Reserve Maintenance Fund during the then current fiscal year; provided, however, that if the amount so deposited to the credit of the Reserve Maintenance Fund in any fiscal year is less than the budgeted amount, the requirement therefore will nevertheless be cumulative and the amount of any deficiency in any fiscal year is required to be added to the amount otherwise required to be deposited in each fiscal year thereafter until such time as such deficiency has been made up, unless such budget requirement has been modified by the Authority.
- 9) Ninth, at the end of each fiscal year any remaining funds on deposit in the Revenue Fund may be transferred to the Capital Improvement Fund.

Appendix E - Outstanding Debt Service

FY Ending 12/31	A	B	D	E	F
	First Tier Net Debt Service	Second Tier Net Debt Service	ISTEA Loan Debt Service	Subordinated Lien Bonds Debt Service	Total Net Debt Service
2023	414,862,798	226,384,763	-	8,631,332	649,878,892
2024	436,163,716	248,265,263	-	8,636,443	693,065,422
2025	466,964,880	217,465,263	-	8,641,552	693,071,695
2026	475,357,929	211,707,013	-	8,640,533	695,705,475
2027	478,678,397	208,385,013	-	8,642,541	695,705,950
2028	493,630,377	196,204,513	-	8,646,166	698,481,055
2029	472,203,054	238,244,513	-	-	710,447,566
2030	408,863,968	302,136,869	-	-	711,000,838
2031	405,020,091	305,989,763	-	-	711,009,854
2032	447,578,524	263,431,413	-	-	711,009,937
2033	462,633,337	248,371,713	-	-	711,005,049
2034	526,342,559	184,672,513	-	-	711,015,072
2035	547,323,775	161,049,463	-	-	708,373,238
2036	573,174,955	135,202,563	-	-	708,377,517
2037	623,089,541	85,292,370	-	-	708,381,911
2038	476,345,260	83,037,363	-	-	559,382,623
2039	477,277,644	82,100,413	-	-	559,378,057
2040	483,776,132	80,176,813	-	-	563,952,945
2041	485,820,852	64,553,463	-	-	550,374,315
2042	490,531,186	60,329,763	-	-	550,860,948
2043	199,192,145	48,346,513	-	-	247,538,657
2044	184,483,549	76,068,763	-	-	260,552,312
2045	142,446,854	118,147,863	-	-	260,594,716
2046	22,033,521	114,379,863	-	-	136,413,383
2047	-	115,371,563	-	-	115,371,563
2048	-	107,643,313	-	-	107,643,313
2049	-	4,927,342	-	-	4,927,342
2050	-	-	-	-	-
2051	-	-	-	-	-
Total	\$ 10,193,795,045	\$ 4,187,886,031	\$ -	\$ 51,838,567	\$ 14,433,519,643

Appendix F - Estimated Operating Expenditures by Account

Description	Estimated FY2024 - FY2028					
	FY2023 Budget	FY2024	FY2025	FY2026	FY2027	FY2028
Salaries and Wages-Direct - (511101)	\$49,002,932	\$56,662,269	\$58,362,137	\$60,113,001	\$61,916,391	\$63,773,883
Salaries and Wages-Internship - (511202)	78,410	225,264	232,022	238,983	246,152	253,537
Salaries and Wage-Overtime - (511301)	766,531	766,532	789,528	813,214	837,611	862,739
Group Insurance - (512101)	2,626,848	7,223,123	7,439,817	7,663,011	7,892,902	8,129,689
Retirement Contributions - (512401)	7,476,740	8,247,098	8,494,511	8,749,346	9,011,826	9,282,181
Retirement Contr.-Internship - (512402)	0	34,081	35,104	36,157	37,242	38,359
Tuition Reimbursement - (512501)	33,100	33,100	34,093	35,116	36,169	37,254
Unemployment Insurance - (512601)	123,661	123,661	127,371	131,192	135,128	139,182
Regional Tolling Services	(26,509,237)	(30,877,210)	(25,918,173)	(26,695,718)	(27,496,590)	(28,321,488)
Worker's Comp Ins - (512701)	251,522	251,522	259,068	266,840	274,845	283,090
Meeting Expense - (521101)	123,049	155,424	160,087	164,889	169,836	174,931
Consulting/Professional - (521201)	17,303,522	18,200,521	18,746,537	19,308,933	19,888,201	20,484,847
Legal Fees - (521202)	1,738,181	1,738,181	1,790,326	1,844,036	1,899,357	1,956,338
Auditing Fees - (521203)	185,083	200,000	206,000	212,180	218,545	225,102
Trustee Fees - (521204)	100,000	100,000	103,000	106,090	109,273	112,551
Traffic Engineering Fees - (521207)	600,000	600,000	618,000	636,540	655,636	675,305
Police Services (DPS) - (521208)	12,223,499	15,540,499	16,006,714	16,486,915	16,981,523	17,490,969
Armored Car Services - (521209)	50,142	50,142	51,646	53,196	54,792	56,435
Outside Maintenance Services - (521212)	43,256,330	46,430,835	47,823,760	49,258,473	50,736,227	52,258,314
Landscaping - (522202)	66,425	66,425	68,418	70,470	72,584	74,762
Rentals - Land - (522301)	340,000	357,000	367,710	378,741	390,104	401,807
Rentals - Equipment - (522302)	89,050	90,550	93,267	96,064	98,946	101,915
Insurance Expense - Other - (523101)	7,248,478	7,048,478	7,259,932	7,477,730	7,702,062	7,933,124
Postage - (523201)	15,266,478	18,279,249	18,827,626	19,392,455	19,974,229	20,573,456
Telecommunications - (523202)	2,186,100	2,186,100	2,251,683	2,319,233	2,388,810	2,460,475
Public Information Fees - (523203)	13,369	13,369	13,770	14,183	14,609	15,047
Recruitment - (523301)	238,000	233,500	240,505	247,720	255,152	262,806
Magazine and Newspaper - (523302)	1,618,782	1,618,782	1,667,345	1,717,366	1,768,887	1,821,953
Television & Radio - (523303)	1,250,499	1,250,499	1,288,014	1,326,654	1,366,454	1,407,448
Promotional Expenses - (523304)	1,624,767	1,853,747	1,909,360	1,966,640	2,025,640	2,086,409
Employee Appreciation - (523305)	54,678	54,678	56,318	58,008	59,748	61,541
Printing and Photographic - (523401)	199,911	198,167	204,112	210,235	216,542	223,039
Maps & Pamphlets - (523402)	25	25	26	27	27	28
Travel - (523501)	248,175	352,404	362,976	373,865	385,081	396,634
Dues & Subscriptions - (523601)	315,499	377,861	389,196	400,872	412,899	425,285
Education and Training - (523701)	288,528	371,645	382,794	394,278	406,106	418,289
Licenses - (523801)	11,839	25,056	25,808	26,582	27,379	28,201
Temporary Contract Labor - (523851)	16,737,206	16,217,000	16,703,510	17,204,615	17,720,754	18,252,376
Liability Claims - (523902)	9,800	9,800	10,094	10,397	10,709	11,030
Office Supplies - (531101)	475,336	462,983	476,872	491,179	505,914	521,091
Other Materials and Supplies - (531102)	5,433,628	7,108,487	7,321,742	7,541,394	7,767,636	8,000,665
Mobile Equipment Expense - (531103)	1,324,400	1,479,285	1,523,664	1,569,373	1,616,455	1,664,948
Freight and Express - (531105)	12,842	12,842	13,227	13,624	14,033	14,454
Motor Fuel Expense - (531107)	2,010,000	2,210,000	2,276,300	2,344,589	2,414,927	2,487,374
Water - (531211)	883,696	950,000	978,500	1,007,855	1,038,091	1,069,233
Gas - (531221)	29,108	61,127	62,961	64,850	66,795	68,799
Electricity - (531231)	2,900,000	2,900,000	2,987,000	3,076,610	3,168,908	3,263,976
Books & Periodicals - (531401)	250	250	258	265	273	281
Inven for resale(toll tags) - (531501)	6,500,000	1,500,000	1,545,000	1,591,350	1,639,091	1,688,263
Small Tools and Shop Supplies - (531601)	132,742	214,922	221,370	228,011	234,851	241,897
Software (Under \$5,000) - (531651)	10,998,434	11,984,813	12,344,357	12,714,688	13,096,129	13,489,013
Uniforms - (531701)	345,393	382,447	393,920	405,738	417,910	430,447
Bank Charges - (573001)	550,818	478,000	492,340	507,110	522,324	537,993
Credit Card Fees - (573002)	30,889,110	35,227,054	36,283,866	37,372,382	38,493,553	39,648,360
Totals	219,723,679	241,281,588	254,405,388	262,037,550	269,898,677	277,995,637