



NTTA SYSTEM

FY2019 – FY2023

FIVE-YEAR CAPITAL PLAN



360 Tollway:

Looking north, aerial view of the 360 Tollway and U.S. 287 interchange



READERS' ROADMAP

This Readers' Roadmap is a guide to help navigate through the North Texas Tollway Authority's FY2019 - FY2023 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 FY2019 - FY2023 Five-Year Capital Plan is divided into six 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: Each category has a description and summary of projects, a project listing and a project detail form.

- 1. Reserve Maintenance**
- 2. Capital Improvement**
- 3. Construction**

APPENDICES

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

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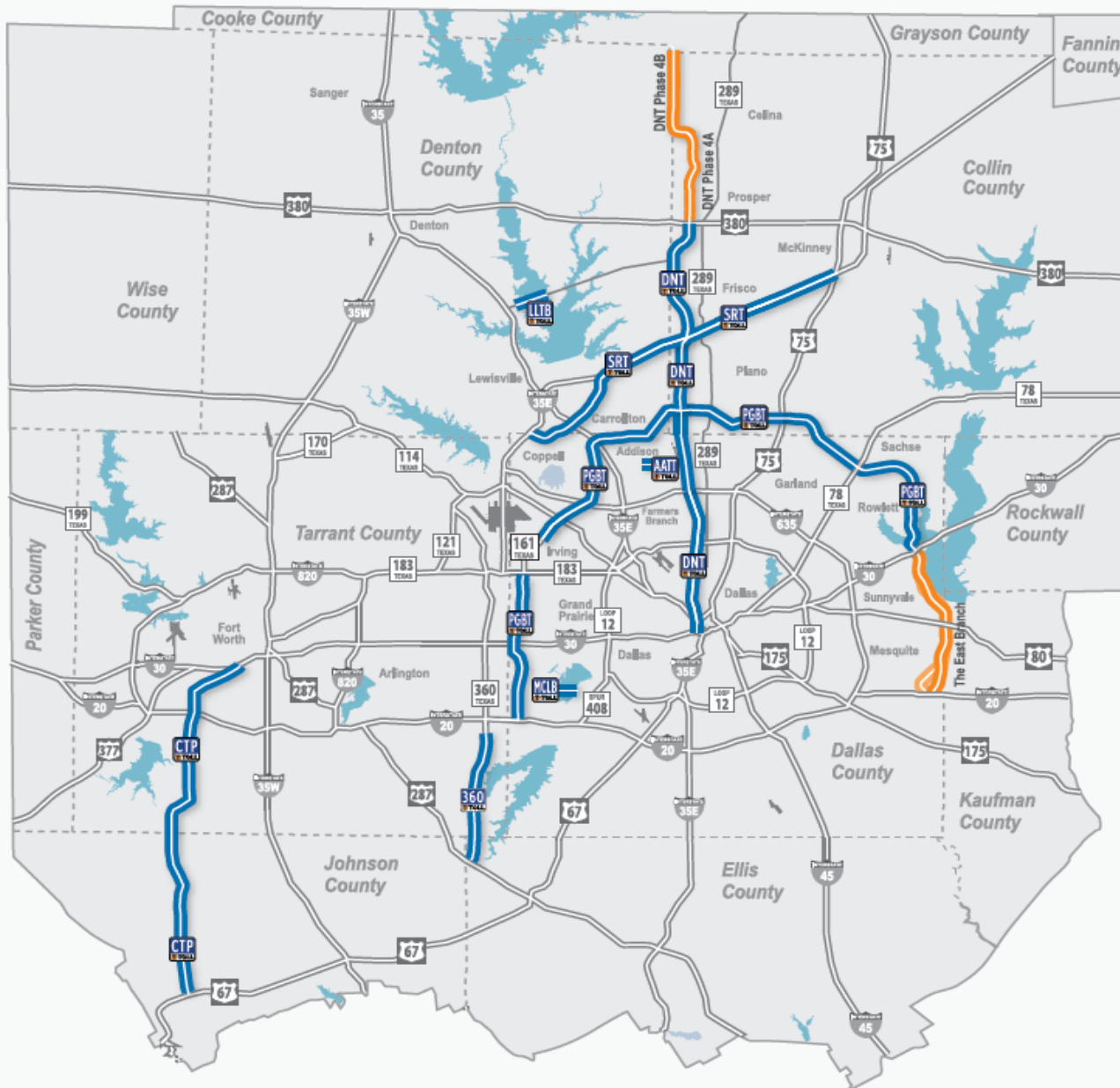
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CAPITAL PLAN OVERVIEW

360 Tollway:

Looking north, an aerial view of the 360 Tollway construction north of the Sublett/Camp Wisdom Rd. crossover bridge





LEGEND 

-  NTTA Roadway
-  NEPA Alignment(s)
-  County Line
-  Airports

National Environmental Policy Act (NEPA)

TOLL FACILITIES

-  Addison Airport Toll Tunnel
-  Chisholm Trail Parkway
-  Dallas North Tollway
-  Lewisville Lake Toll Bridge
-  Mountain Creek Lake Toll Bridge
-  President George Bush Turnpike
-  Sam Rayburn Tollway
-  360 Tollway

May 2018

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 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 estimated net debt service provided by independent financial advisors. 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 \$5.2 billion. Approximately \$4.9 billion or 93.7% of total revenue is based on projections provided by the traffic and revenue engineers (see Major Revenue Source, pages 134-137). Approximately \$0.3 billion or 6.3% of total revenue is estimated by the Authority and includes ZipCash administrative fees and estimated interest earnings on projected cash balances. Total revenue growth is projected to average 4.8% per year from FY2019 through FY2023. 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 (see Revenue Distribution, pages 135-137).

Introduction and Overview (continued)

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Five-Year Totals FY2019 - FY2023
REVENUE FUND							
Estimated Beginning Available Cash Balance	-	-	-	-	-	-	-
INFLOWS							
Estimated Toll Revenues	\$ 846,068,600	\$ 886,656,100	\$ 925,052,800	\$ 971,161,200	\$ 1,027,216,300	\$ 1,078,521,700	\$ 4,888,608,100
Estimated Other Revenues	64,258,900	63,582,700	63,323,098	64,894,310	67,468,039	69,534,842	328,802,989
TOTAL INFLOWS	910,327,500	950,238,800	988,375,898	1,036,055,510	1,094,684,339	1,148,056,542	5,217,411,089
Estimated Ending Available Cash Balance	-	-	-	-	-	-	-
Total Revenues Available for Operations	\$ 910,327,500	\$ 950,238,800	\$ 988,375,898	\$ 1,036,055,510	\$ 1,094,684,339	\$ 1,148,056,542	\$ 5,217,411,089

B. Operation and Maintenance (O&M)

O&M expenses for the next five years are estimated at \$1.0 billion. These funds are required to run the day-to-day operations of the Authority.

According to the Amended and Restated Trust Agreement with Supplements, revenues must be transferred to the O&M Fund to cover expenses and maintain a reserve balance (see Revenue Distribution, page 135, and Cash Balances, page 131). A projected \$973.1 million for O&M expense and reserve will be transferred from the Revenue Fund to the O&M Fund. An additional, \$54.4 million for salaries and benefits is transferred from various other funds (Capital Improvement, Construction, and Reserve Maintenance Funds).

The estimated operating expenses for FY2019 are prepared by the individual departments and compared to the general engineering consultant estimates. The operating expenses are expected to increase an average of 3.0% per year between FY2020 and FY2023. (See Appendix F page 139)

Introduction and Overview (continued)

NTTA SYSTEM LONG TERM FINANCIAL PLANS							
Operating Expenditures							
	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Five-Year Totals FY2019 - FY2023
Total Revenues Available for Operations	\$ 910,327,500	\$ 950,238,800	\$ 988,375,898	\$ 1,036,055,510	\$ 1,094,684,339	\$ 1,148,056,542	\$ 5,217,411,089
OPERATION AND MAINTENANCE FUND							
Estimated Beginning Available Cash Balance	48,685,288	32,130,000	32,130,000	33,093,900	34,086,717	35,109,319	32,130,000
INFLOWS							
Transfer from Revenue Fund	154,622,792	182,529,522	188,969,308	194,638,387	200,477,538	206,491,865	973,106,619
Inter-Fund Transfers	9,951,920	10,250,478	10,557,992	10,874,732	11,200,974	11,537,003	54,421,181
TOTAL INFLOWS	164,574,712	192,780,000	199,527,300	205,513,119	211,678,513	218,028,868	1,027,527,799
OUTFLOWS							
Estimated Operating Expenses	(181,130,000)	(192,780,000)	(198,563,400)	(204,520,302)	(210,655,911)	(216,975,588)	(1,023,495,201)
TOTAL OUTFLOWS	(181,130,000)	(192,780,000)	(198,563,400)	(204,520,302)	(210,655,911)	(216,975,588)	(1,023,495,201)
Estimated Ending Available Cash Balance	32,130,000	32,130,000	33,093,900	34,086,717	35,109,319	36,162,598	36,162,598
Net Revenues Available for Debt Service	\$ 755,704,708	\$ 767,709,278	\$ 799,406,590	\$ 841,417,123	\$ 894,206,801	\$ 941,564,677	\$ 4,244,304,470

C. Debt Service Fund

In order to fund NTTA System expansions and capital improvements, NTTA has issued 1st and 2nd Tier debt over the years. NTTA maintains Debt Service Funds to pay these debt obligations. Over the next five years, principal and interest requirements total \$3.1 billion. Estimates are provided by the Authority's financial advisor. The funds flow from the Revenue Fund and are expected to match the required debt service (see Revenue Distribution, page 136).

The Amended and Restated Trust Agreement requires a 1st tier debt service coverage (net revenues divided by net debt service) of 1.35 times. The Board of Directors adopted a more aggressive target of 1.50 times. The debt service coverage ranges from a low of 1.89 in FY2021 to a high of 2.09 in FY2023. (See page 11)

Introduction and Overview (continued)

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Five-Year Totals FY2019 - FY2023
Net Revenues Available for Debt Service	\$755,704,708	\$767,709,278	\$799,406,590	\$841,417,123	\$894,206,801	\$941,564,677	\$ 4,244,304,470
DEBT SERVICE FUNDS							
Estimated Beginning Available Cash Balance	-	-	-	-	-	-	-
INFLOWS							
Transfer from Capital Improvement Fund	34,529,260	36,279,260	39,332,497	68,806,715	68,745,778	68,698,520	281,862,770
Capitalized interest transfer	-	-	-	-	-	-	-
Transfer from Revenue Fund	512,631,190	511,091,152	536,866,066	563,698,042	583,544,179	600,424,706	2,795,624,145
TOTAL INFLOWS	547,160,450	547,370,412	576,198,563	632,504,757	652,289,957	669,123,226	3,077,486,915
OUTFLOWS							
1st Tier Debt Service	(411,737,402)	(397,822,489)	(419,083,104)	(444,088,330)	(438,038,967)	(450,793,644)	(2,149,826,534)
2nd Tier Debt Service	(100,893,788)	(113,268,663)	(117,782,962)	(119,609,712)	(145,505,212)	(149,631,062)	(645,797,611)
3rd Tier Debt Service	-	-	-	-	-	-	-
Total Debt Service	(512,631,190)	(511,091,152)	(536,866,066)	(563,698,042)	(583,544,179)	(600,424,706)	(2,795,624,145)
Capital Improvement Fund - Subordinate Debt	(24,029,260)	(24,029,260)	(24,010,101)	(53,484,319)	(53,423,382)	(53,376,124)	(208,323,186)
Capital Improvement Fund - ISTEAL Loan	(10,500,000)	(12,250,000)	(15,322,396)	(15,322,396)	(15,322,396)	(15,322,396)	(73,539,584)
TOTAL OUTFLOWS	(547,160,450)	(547,370,412)	(576,198,563)	(632,504,757)	(652,289,957)	(669,123,226)	(3,077,486,915)
Estimated Ending Available Cash Balance	-	-	-	-	-	-	-
Net Revenues Available for Major Maintenance Projects	\$243,073,518	\$256,618,126	\$262,540,524	\$277,719,081	\$310,662,622	\$341,139,971	\$ 1,448,680,325
First Tier Debt Service Coverage	1.84	1.93	1.91	1.89	2.04	2.09	1.97
First & Second Tier Debt Service Coverage	1.47	1.50	1.49	1.49	1.53	1.57	1.52
All Debt Service Coverage	1.38	1.40	1.39	1.33	1.37	1.41	1.38
CIF Subordinated Debt Coverage	1.35	1.34	1.30	1.27	1.32	1.34	1.38

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 FY2019 through FY2023 is \$251.2 million, an average of \$50.2 million per year. This estimate is composed of \$232.7 million of project costs (see Reserve Maintenance Projects, pages 25-40) and \$18.5 million for professional fees and allocated overhead costs.

The Reserve Maintenance Fund is funded from the Revenue Fund. Similar to the O&M Fund, the Amended and Restated Trust Agreement requires a transfer to cover maintenance expenditures and maintain a required fund balance of \$5.0 million (see Revenue Distribution, page 137, and Cash Balances, page 132).

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Five-Year Totals FY2019 - FY2023
Net Revenues Available for Reserve Maintenance Projects	\$ 243,073,518	\$ 256,618,126	\$ 262,540,524	\$ 277,719,081	\$ 310,662,622	\$ 341,139,971	\$ 1,448,680,325
RESERVE MAINTENANCE FUND							
Estimated Beginning Available Cash Balance	45,478,174	23,495,005	-	-	-	-	23,495,005
INFLOWS							
Transfer from Revenue Fund	22,184,046	38,053,253	53,311,498	45,097,017	40,819,742	50,471,303	227,752,814
TOTAL INFLOWS	22,184,046	38,053,253	53,311,498	45,097,017	40,819,742	50,471,303	227,752,814
OUTFLOWS							
RMF Project Expenses	(40,783,145)	(58,055,514)	(49,713,972)	(41,391,565)	(37,003,126)	(46,540,189)	(232,704,366)
RMF Professional Fees and Other Expenses	(61,630)	(70,630)	(72,749)	(74,931)	(77,179)	(79,495)	(374,984)
RMF Salaries/Wages	(3,322,440)	(3,422,114)	(3,524,777)	(3,630,521)	(3,739,436)	(3,851,619)	(18,168,468)
TOTAL OUTFLOWS	(44,167,215)	(61,548,258)	(53,311,498)	(45,097,017)	(40,819,742)	(50,471,303)	(251,247,818)
Estimated Ending Available Cash Balance	23,495,005	-	-	-	-	-	-
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	\$ 220,889,472	\$ 218,564,873	\$ 209,229,026	\$ 232,622,064	\$ 269,842,880	\$ 290,668,668	\$ 1,220,927,511

Introduction and Overview (continued)

E. Capital Improvement Fund/FSF-Revolving Account

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 \$1.1 billion, which is comprised of \$1.0 billion in project costs (see Capital Improvement Projects, pages 43-113) and \$59.2 million in professional fees and allocated overhead costs. The projects listed for FY2019 to FY2023 have been approved by executive management through the capital plan process (see Capital Plan process, pages 131-133). Funds for the CIF flow from the Revenue Fund to the extent there are excess revenues (see Revenue Distribution, page 137). The estimated contribution to CIF over the next five years is \$1.2 billion. Additionally, the Authority may issue bonds or commercial paper to finance capital improvement projects. The FY2019 – FY2023 Capital Plan contains \$272.0 million for subordinated debt and \$73.5 million for ISTEA loan payments. The Authority's executive management established a \$75.0 million CIF reserve fund, which is currently fully funded (see Cash Balance, pages 14 and 132).

In accordance with House Bill 749, enacted in FY1991 by the 72nd Texas Legislature, the Authority may transfer an amount from a surplus fund (currently the Capital Improvement Fund) established for a turnpike project to the Feasibility Study Fund. The Capital Improvement Fund revolving account, or the Feasibility Study Fund, is used only to pay the expenses to study the cost and feasibility relating to the preparation and issuance of bonds for the acquisition and construction of a proposed Authority turnpike project; the financing of the improvement, extension or expansion of an existing turnpike or Authority project for private participation, as authorized by law, in the financing of a proposed turnpike project or Authority, or the refinancing of an existing turnpike project or Authority, or the improvement extension or expansion of a turnpike project or Authority. The Capital Improvement Fund budget has a designated \$3.3 million over the next five years for transfers to the Feasibility Study Fund if required.

Introduction and Overview (continued)

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Five-Year Totals FY2019 - FY2023
Net Revenues Available for Capital Improvement Projects	\$ 220,889,472	\$ 218,564,873	\$ 209,229,026	\$ 232,622,064	\$ 269,842,880	\$ 290,668,668	\$ 1,220,927,511
CAPITAL IMPROVEMENT FUND							
Estimated Beginning CIF Cash Balance Available for Projects	345,049,849	340,048,397	297,169,467	210,251,035	138,479,684	101,344,106	340,048,397
INFLOWS							
Transfer from Revenue Fund	220,889,472	218,564,873	209,229,026	232,622,064	269,842,880	290,668,668	1,220,927,511
Commercial Paper Issuance	-	-	-	-	-	-	-
Legal Settlement	-	-	27,000,000	-	-	-	27,000,000
Reimbursement from Prosper - US 380	-	-	-	-	8,000,000	-	8,000,000
Reimbursement from TxDOT - SH 360	2,330,000	-	-	-	-	-	-
NET INFLOWS AVAILABLE FOR CIF EXPENSES	223,219,472	218,564,873	236,229,026	232,622,064	277,842,880	290,668,668	1,255,927,511
OUTFLOWS							
Commercial Paper Payment	-	-	-	-	-	-	-
CIF Project Expenses	(134,572,630)	(180,057,845)	(196,963,356)	(161,601,408)	(222,710,683)	(268,316,815)	(1,029,650,107)
CIF Professional/LOC Fees	(4,851,827)	(9,328,142)	(5,711,937)	(4,686,441)	(6,458,610)	(7,773,938)	(33,959,068)
CIF Salaries/Wages	(4,579,151)	(4,761,035)	(4,903,866)	(5,050,982)	(5,202,511)	(5,358,586)	(25,276,979)
Transfer to NTTA System Construction Funds	-	-	(45,162,364)	(62,643,964)	(10,215,236)	(136,432)	(118,157,996)
Transfer to CIF Bond Payment Account	(48,067,316)	(54,396,781)	(54,433,539)	(54,438,225)	(54,419,022)	(54,321,994)	(272,009,561)
Transfer to Debt Service Fund for ISTEPA Payment	(10,500,000)	(12,250,000)	(15,322,396)	(15,322,396)	(15,322,396)	(15,322,396)	(73,539,584)
Transfer to CIF Rainy Day Fund Account	(25,000,000)	-	-	-	-	-	-
Transfer to Feasibility Study Fund	(650,000)	(650,000)	(650,000)	(650,000)	(650,000)	(650,000)	(3,250,000)
TOTAL OUTFLOWS	(228,220,924)	(261,443,803)	(323,147,458)	(304,393,415)	(314,978,458)	(351,880,161)	(1,555,843,295)
Estimated Ending CIF Cash Balance Available for Projects	340,048,397	297,169,467	210,251,035	138,479,684	101,344,106	40,132,613	40,132,613
CIF Bond Payment Account							
Estimated Beginning CIF Bond Payment Account Cash Balance	12,034,574	36,072,630	66,440,151	96,863,589	97,817,495	98,813,135	36,072,630
Transfers from CIF Cash Account	48,067,316	54,396,781	54,433,539	54,438,225	54,419,022	54,321,994	272,009,561
Transfer to Debt Service Fund for CIF Subordinated Debt Payment	(24,029,260)	(24,029,260)	(24,010,101)	(53,484,319)	(53,423,382)	(53,376,124)	(208,323,186)
Estimated Ending CIF Bond Payment Account Cash Balance	36,072,630	66,440,151	96,863,589	97,817,495	98,813,135	99,759,005	99,759,005
CIF Rainy Day Fund Account							
Estimated Beginning CIF Rainy Day Fund Account Cash Balance	50,000,000	75,000,000	75,000,000	75,000,000	75,000,000	75,000,000	75,000,000
Transfers from CIF Cash Account	25,000,000	-	-	-	-	-	-
Estimated Ending CIF Rainy Day Fund Account Cash Balance	75,000,000	75,000,000	75,000,000	75,000,000	75,000,000	75,000,000	75,000,000
Estimated Ending Total CIF Cash Balances	\$ 451,121,027	\$ 438,609,618	\$ 382,114,624	\$ 311,297,179	\$ 275,157,241	\$ 214,891,618	\$ 214,891,618

Introduction and Overview (continued)

F. Construction Fund

The funds required to construct or acquire toll projects for the Authority are contained in the Construction Fund. The projects in this fund are typically funded with bond proceeds or reimbursement agreements. The FY2019 - FY2023 costs are funded with bond proceeds of \$76.6 million and transfers from the Capital Improvement Fund of \$118.2 million; in addition, \$23.9 million for the DNT 4B frontage roads will be fully reimbursed by Denton County. Over the next five years, construction projects total \$218.6 million, which is comprised of \$211.7 million in construction costs and \$6.9 million in allocated overhead costs, professional and letter of credit fees (see NTTA System Construction Projects, pages 117-125). The budget mainly contains \$185.2 million for the widening of the Sam Rayburn Tollway.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Five-Year Totals FY2019 - FY2023
CONSTRUCTION FUNDS - NTTA SYSTEM							
Estimated Beginning Available Cash Balance	\$ 112,177,205	\$ 76,621,310	\$ 16,822,148	\$ 0	\$ 0	\$ (0)	\$ 76,621,310
INFLOWS							
Reimbursement Agreements:							-
Denton County ILA - DNT Phase 4B	6,608,015	9,955,027	9,731,643	4,169,636	-	-	23,856,306
Transfer from Capital Improvement Fund		-	45,162,364	62,643,964	10,215,236	136,432	118,157,996
TOTAL INFLOWS	6,608,015	9,955,027	54,894,007	66,813,600	10,215,236	136,432	142,014,302
OUTFLOWS							
Transfer to Capital Improvement Fund							
Professional Fees, Legal Fees	(187,670)	(121,780)	(131,332)	(119,934)	(11,011)	(4,282)	(388,339)
Construction Fund Salaries and Wages	(1,200,000)	(2,067,329)	(2,119,349)	(1,976,888)	(309,577)	-	(6,473,143)
CTP Expenses	(3,480,000)	(856,000)	-	-	-	-	(856,000)
SRT Expenses	(30,688,225)	(54,885,603)	(59,733,831)	(60,547,141)	(9,894,649)	(132,150)	(185,193,374)
PGBT EE Expenses	-	(1,868,450)	-	-	-	-	(1,868,450)
DNT Phase 4B Southbound Frontage Road Expenses	(6,608,015)	(9,955,027)	(9,731,643)	(4,169,636)	-	-	(23,856,306)
TOTAL OUTFLOWS	(42,163,910)	(69,754,189)	(71,716,155)	(66,813,600)	(10,215,237)	(136,432)	(218,635,612)
Estimated Ending Available Cash Balance	\$ 76,621,310	\$ 16,822,148	\$ 0	\$ 0	\$ (0)	\$ 0	\$ 0

Introduction and Overview (continued)

G. Feasibility Study Fund

Any agreement or decision to undertake a project by NTTA is subject to establishing financial feasibility for the project. Feasible corridor projects will be funded with bond proceeds and amounts from other sources that are specific for the project. Over the next five years, these possible study costs are budgeted at \$3.3 million from the Capital Improvement Fund.

	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Five-Year Totals FY2019 - FY2023
FEASIBILITY STUDY FUND							
Estimated Beginning Available Cash Balance	-	-	-	-	-	-	-
INFLOWS							
Transfer from Capital Improvement Fund	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 3,250,000
TOTAL INFLOWS	650,000	650,000	650,000	650,000	650,000	650,000	3,250,000
OUTFLOWS							
Legal fees	(150,000)	(150,000)	(150,000)	(150,000)	(150,000)	(150,000)	(750,000)
Professional Fees	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(2,500,000)
TOTAL OUTFLOWS	\$ (650,000)	\$ (650,000)	\$ (650,000)	\$ (650,000)	\$ (650,000)	\$ (650,000)	\$ (3,250,000)
Estimated Ending Available Cash Balance	-	-	-	-	-	-	-

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. 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 that fall into this category include existing roadway expansions, improvements and/or reconstruction. In addition, projects with capital expenses unrelated to new road construction and/or maintenance are included here. 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.

CONSTRUCTION PROJECTS

Projects that fall into this category include NTTA System roadways that are currently under construction and projects that will be funded with bond proceeds. In most cases, funding for these projects already exists and come primarily from the sale of revenue bonds; however, other funding sources such as loans, grants, reimbursements and equity contributions are also considered.

FEASIBILITY STUDY PROJECTS

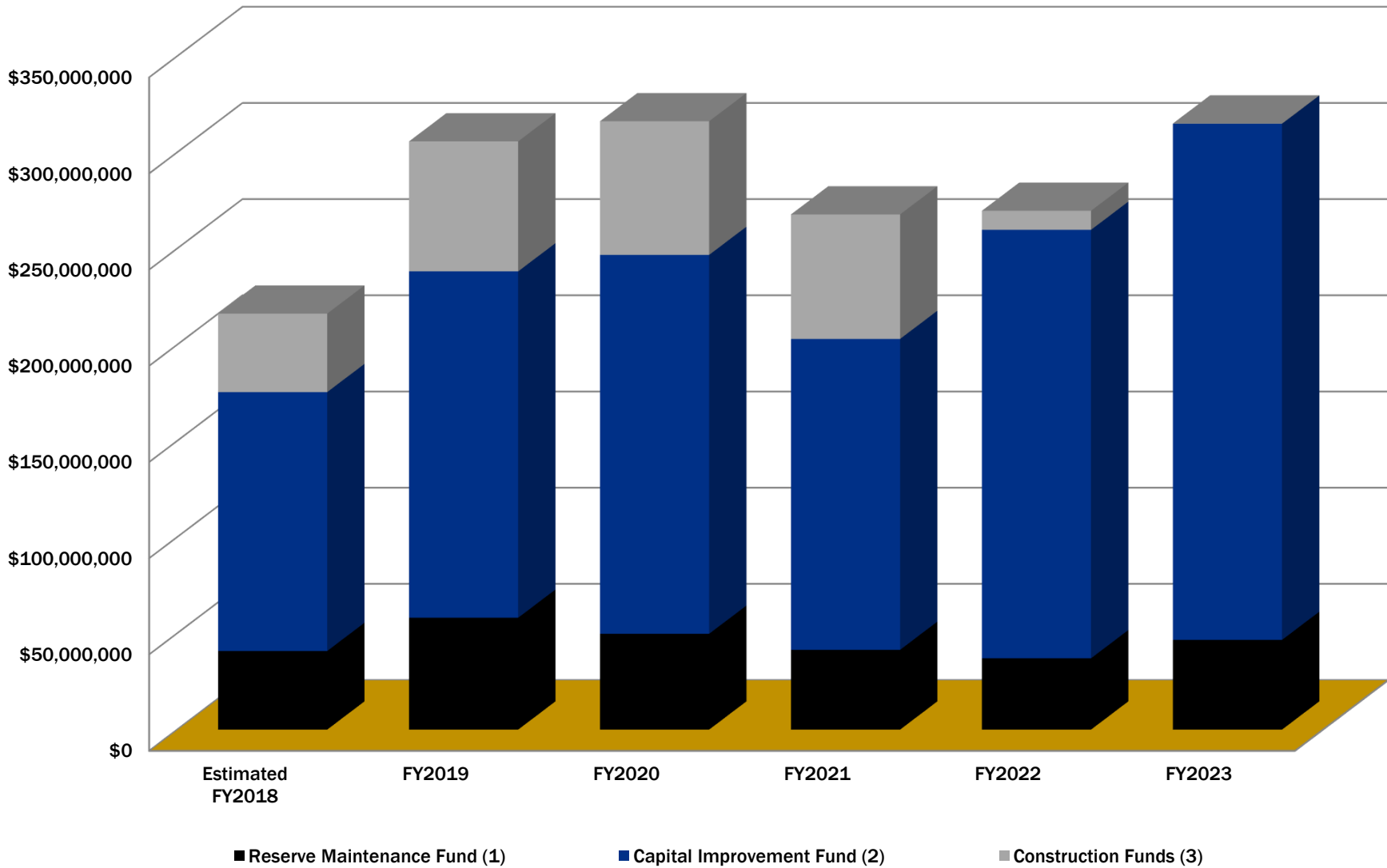
Projects that fall into this category include potential roadways that are undergoing analysis to determine feasibility. Funding for these projects comes primarily from the sale of revenue bonds; however, other funding sources such as loans, grants, reimbursements and equity contributions may be considered.

**FY2019 - FY2023 CAPITAL PLAN
SUMMARY PROJECT COSTS BY FUND**

Project Type	Estimated FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Five Year Total FY2019 - FY2023
Reserve Maintenance Fund (1)	\$40,783,145	\$58,055,514	\$49,713,972	\$41,391,565	\$37,003,126	\$46,540,189	\$232,704,366
Capital Improvement Fund (2)	134,572,630	180,057,845	196,963,356	161,601,408	222,710,683	268,316,815	1,029,650,107
Construction Funds (3)	40,776,240	67,565,080	69,465,474	64,716,777	9,894,649	132,150	211,774,130
Totals	\$216,132,015	\$305,678,439	\$316,142,802	\$267,709,750	\$269,608,458	\$314,989,154	\$1,474,128,603

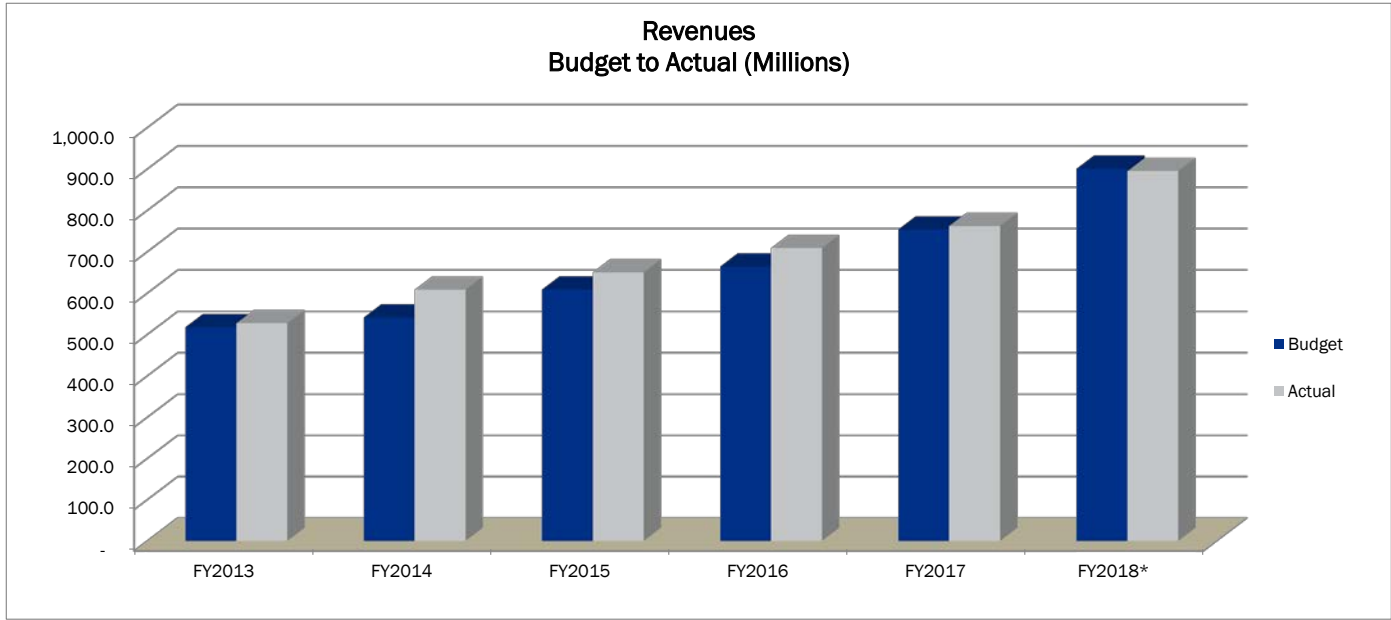
Report contains only project costs.
 (1) List of projects see page 26.
 (2) List of projects see pages 50-51
 (3) List of projects see page 121.

Capital Plan Costs by Fund



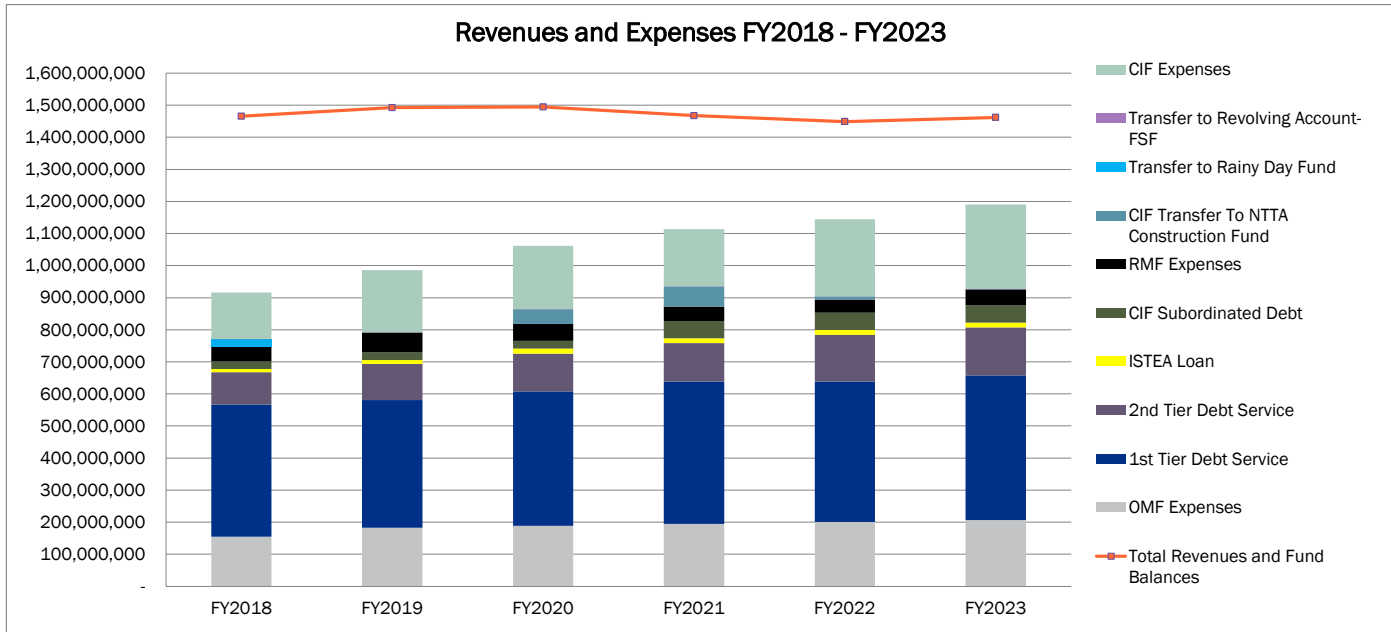
Informational Graphs

**Revenues
Budget to Actual (Millions)**

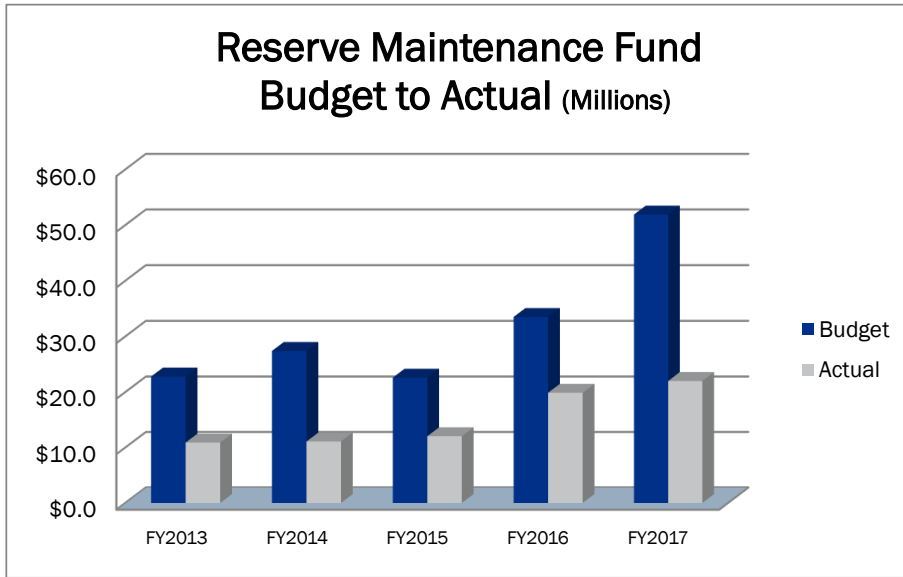


*Actual amount for FY2018 is based on estimates provided by CDM Smith, Inc.

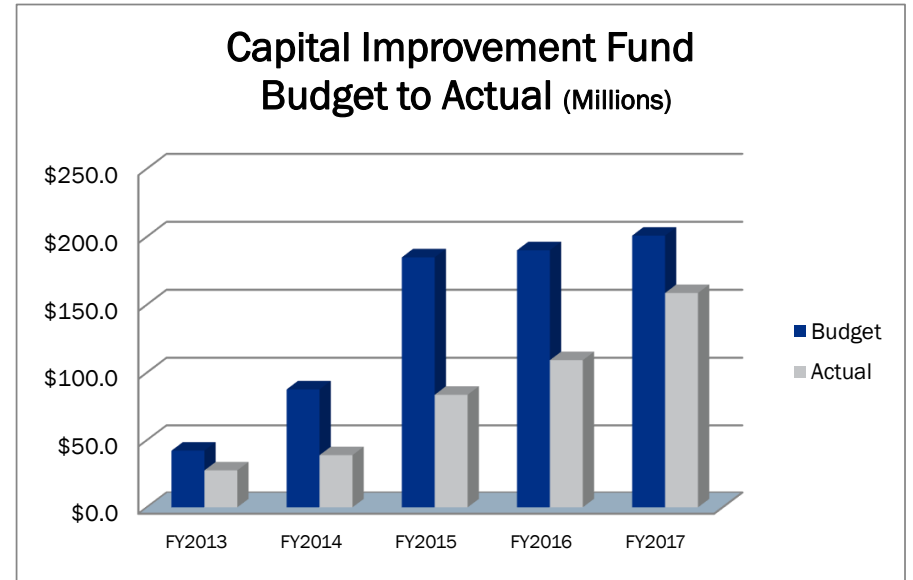
Revenues and Expenses FY2018 - FY2023



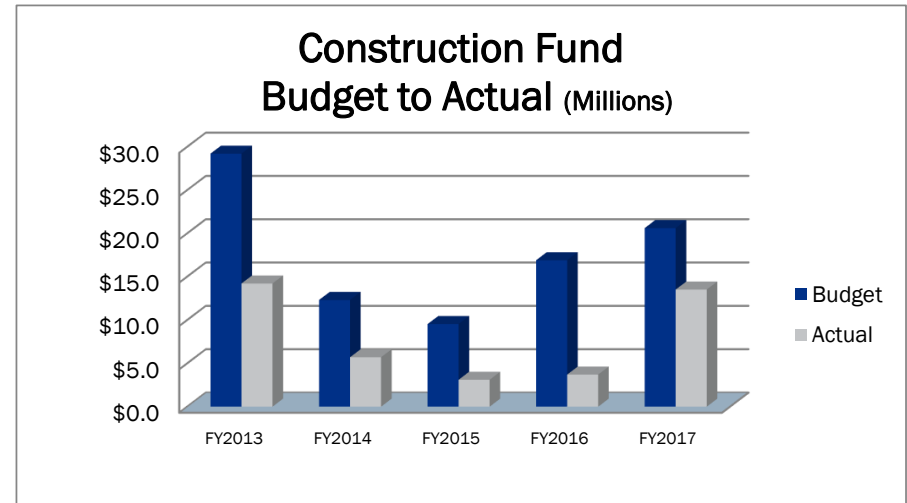
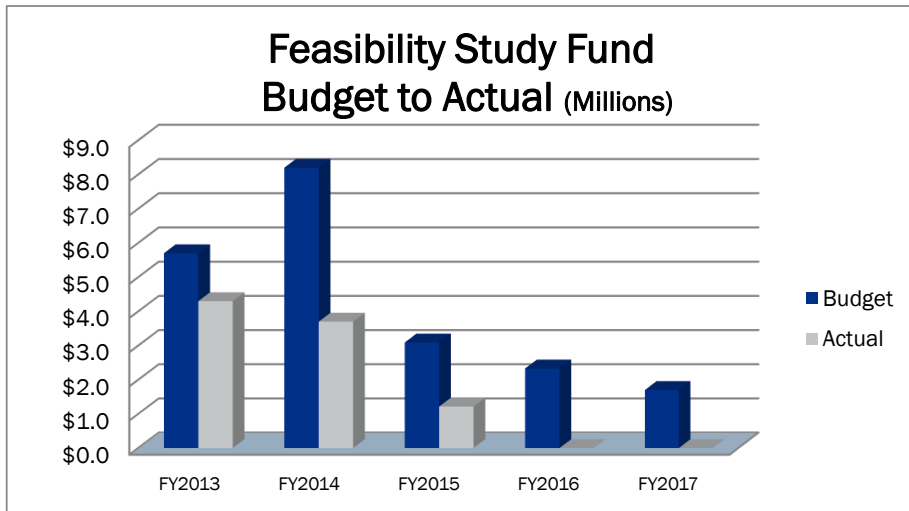
Historical Informational Graphs



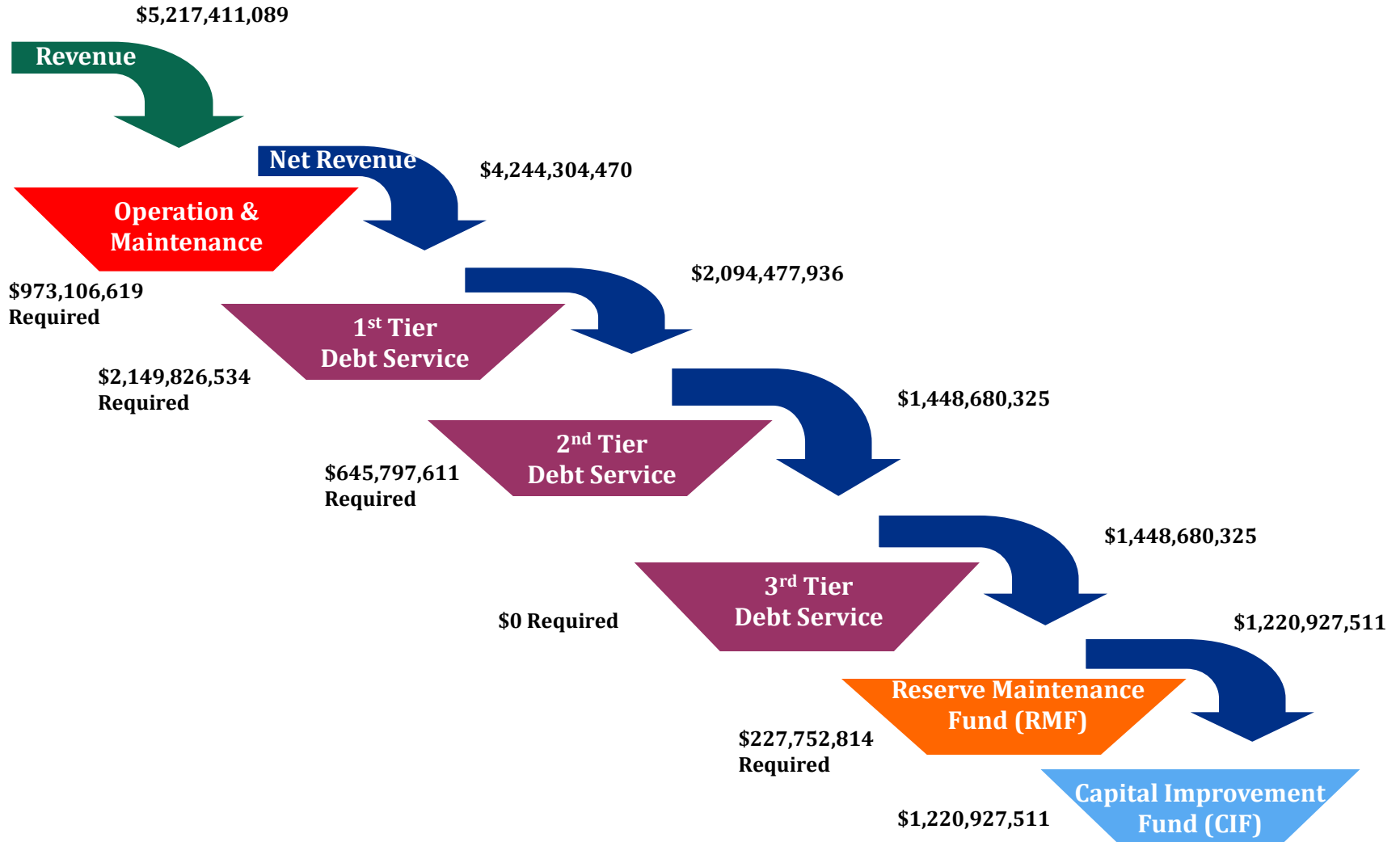
RMF Projects re-evaluated and prioritized throughout the year



CIF Projects re-evaluated and prioritized throughout the year



NTTA System Flow of Funds FY2019 - FY2023



See pages 8-16 for uses of funds.

RESERVE MAINTENANCE PROJECTS

PGBT Widening Project

Placing concrete mow strip in the center median east of the DNT.



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 \$8.1 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 \$180.8 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 are primarily used for ongoing operations and maintenance. The Capital Plan includes \$12.8 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 \$31.1 million for this category.



Reserve Maintenance Fund - (1201) - Project List FY2019 - FY2023 CAPITAL PLAN

Department	Project	Estimated FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Five Year Total FY2019 - FY2023
Information Technology - (20111)	1000431 - Systemwide Roadway Improvements	\$6,276,896	\$5,771,724	\$9,377,133	\$7,969,130	\$4,561,410	\$2,100,000	\$29,779,397
Information Technology - (20111)	1000825 - Server Hardware Upgrades and Replacements	4,600,000	8,420,000	5,000,000	4,000,000	1,000,000	2,000,000	20,420,000
Information Technology - (20111)	1000826 - Computer Hardware Upgrades and Replacements	1,950,000	1,283,000	965,000	495,000	495,000	495,000	3,733,000
Information Technology - (20111)	1000827 - Printer Hardware Upgrades and Replacements	200,000	100,000	150,000	150,000	150,000	200,000	750,000
Information Technology - (20111)	1000828 - Network Equip. & Comm. Systems Replacement	1,969,500	2,169,500	769,500	719,500	719,500	719,500	5,097,500
Information Technology - (20111)	1000829 - Software and Licensing	210,000	210,000	210,000	210,000	210,000	210,000	1,050,000
	Information Technology - (20111) Total	15,206,396	17,954,224	16,471,633	13,543,630	7,135,910	5,724,500	60,829,897
Admin Infrastructure - (20221)	1000431 - Systemwide Roadway Improvements	300,000	530,000	540,000	550,000	550,000	560,000	2,730,000
Admin Infrastructure - (20221)	1000835 - Systemwide Facility Improvements	2,325,000	2,480,000	2,215,000	1,845,000	1,495,000	1,005,000	9,040,000
Admin Infrastructure - (20221)	1000840 - RMF - Fleet	3,042,082	3,013,699	2,404,500	2,319,600	2,466,560	2,340,000	12,544,359
	Admin Infrastructure - (20221) Total	5,667,082	6,023,699	5,159,500	4,714,600	4,511,560	3,905,000	24,314,359
Project Delivery - (20511)	1000431 - Systemwide Roadway Improvements	21,087,060	12,120,050	17,451,783	16,018,586	20,260,371	29,872,801	95,723,591
Project Delivery - (20511)	1000831 - Systemwide Wall Repair	1,750,000	10,094,916	6,094,686	3,707,500	2,400,000	3,870,506	26,167,608
Project Delivery - (20511)	1000833 - Systemwide Bridge Repair	3,115,000	2,585,000	2,735,000	1,650,000	785,000	1,375,000	9,130,000
Project Delivery - (20511)	1000836 - Annual Inspection Program	1,046,400	1,603,832	1,626,370	1,582,249	1,735,285	1,542,382	8,090,118
	Project Delivery - (20511) Total	26,998,460	26,403,798	27,907,839	22,958,335	25,180,656	36,660,689	139,111,317
System & Incndnt Mgmt. - (20611)	1000431 - Systemwide Roadway Improvements	195,000	190,000	175,000	175,000	175,000	250,000	965,000
	System & Incndnt Mgmt. - (20611) Total	195,000	190,000	175,000	175,000	175,000	250,000	965,000
Totals		\$48,066,938	\$50,571,721	\$49,713,972	\$41,391,565	\$37,003,126	\$46,540,189	\$225,220,573

FY2018 Carryover Projects and Adjustments

Information Technology - (20111)	1000826 - Computer Hardware Upgrades and Replacements	200,000	0	0	0	0	0	0
Admin Infrastructure - (20221)	1000431 - Systemwide Roadway Improvements	(40,000)	40,000	0	0	0	0	40,000
Admin Infrastructure - (20221)	1000835 - Systemwide Facility Improvements	(400,000)	400,000	0	0	0	0	400,000
Admin Infrastructure - (20221)	1000840 - RMF - Fleet	(242,793)	242,793	0	0	0	0	242,793
Project Delivery - (20511)	1000431 - Systemwide Roadway Improvements	(4,038,500)	4,426,000	0	0	0	0	4,426,000
Project Delivery - (20511)	1000831 - Systemwide Wall Repair	(790,000)	790,000	0	0	0	0	790,000
Project Delivery - (20511)	1000833 - Systemwide Bridge Repair	(1,972,500)	1,585,000	0	0	0	0	1,585,000
Totals		(\$7,283,793)	\$7,483,793	\$0	\$0	\$0	\$0	\$7,483,793
Total FY2019 - FY2023 Reserve Maintenance Project Costs		\$40,783,145	\$58,055,514	\$49,713,972	\$41,391,565	\$37,003,126	\$46,540,189	\$232,704,366

Report contains only project costs.

Changes to projects are color coded. Amounts must be added for total project cost.

Information Technology - (20111)	1000826 - Computer Hardware Upgrades and Replacements	\$ 2,150,000	\$ 1,283,000	See page 29.
Admin Infrastructure - (20221)	1000431 - Systemwide Roadway Improvements	\$ 260,000	\$ 570,000	See page 33.
Admin Infrastructure - (20221)	1000835 - Systemwide Facility Improvements	\$ 1,925,000	\$ 2,880,000	See page 34.
Admin Infrastructure - (20221)	1000840 - RMF - Fleet	\$ 2,799,289	\$ 3,256,492	See page 35.
Project Delivery - (20511)	1000431 - Systemwide Roadway Improvements	\$ 17,048,560	\$ 16,546,050	See page 36.
Project Delivery - (20511)	1000831 - Systemwide Wall Repair	\$ 960,000	\$ 10,884,916	See page 37.
Project Delivery - (20511)	1000833 - Systemwide Bridge Repair	\$ 1,142,500	\$ 4,170,000	See page 38.

Project Title:	IT Roadway and Parking Spare Parts and Tools	Department (Name/Dept #): Information Technology - (20111)/20111					CIP #: 1000431	
Description:	IT Roadway and Parking system parts and tools to maintain the system.	Roadway (Name/Fund #): Reserve Maintenance Fund - (1201)/1201					Purpose Priority: 1	
		Operational and Maintenance Costs:						
Justification:	IT Roadway and Parking requires parts replacement and tools to maintain the system.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals		--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Infrastructure Rdway/Hwy/Bridg - (541401)		6,276,896	5,771,724	9,377,133	7,969,130	4,561,410	2,100,000	29,779,397
Total Allocations		6,276,896	5,771,724	9,377,133	7,969,130	4,561,410	2,100,000	29,779,397
Reimbursements								
Total Reimbursement		--	--	--	--	--	--	--
Source of Funds (1)								
Revenue Distribution from the Revenue Fund		6,276,896	5,771,724	9,377,133	7,969,130	4,561,410	2,100,000	29,779,397
Total Funds		6,276,896	5,771,724	9,377,133	7,969,130	4,561,410	2,100,000	29,779,397

(1) Provided by Finance

Project Title:	Server Hardware Upgrades and Replacements	Department (Name/Dept #): Information Technology - (20111)/20111					CIP #: 1000825	
Description:	NTTA servers and storage infrastructure are on a five year replacement schedule.	Roadway (Name/Fund #): Reserve Maintenance Fund - (1201)/1201					Purpose Priority: 1	
		Operational and Maintenance Costs:						
Justification:	The infrastructure for the various NTTA systems must have current support and maintenance agreements.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	--
Totals		--	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Computers - (531641)	4,600,000	8,420,000	5,000,000	4,000,000	1,000,000	2,000,000	20,420,000	
Total Allocations	4,600,000	8,420,000	5,000,000	4,000,000	1,000,000	2,000,000	20,420,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	4,600,000	8,420,000	5,000,000	4,000,000	1,000,000	2,000,000	20,420,000	
Total Funds	4,600,000	8,420,000	5,000,000	4,000,000	1,000,000	2,000,000	20,420,000	

(1) Provided by Finance

Project Title:	Computer Hardware Upgrades and Replacements	Department (Name/Dept #): Information Technology - (20111)/20111					CIP #: 1000826	
Description:	Supplying or replacing workstations and laptops for staff members throughout the Authority.	Roadway (Name/Fund #): Reserve Maintenance Fund - (1201)/1201					Purpose Priority: 1	
		Operational and Maintenance Costs:						
Justification:	Computers/Laptops have a usable lifespan of four years. An extended warranty program is used to ensure the resource is available through the usable time frame.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	--
Totals		--	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Computers - (531641)	2,150,000	1,283,000	965,000	495,000	495,000	495,000	3,733,000	
Total Allocations	2,150,000	1,283,000	965,000	495,000	495,000	495,000	3,733,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	2,150,000	1,283,000	965,000	495,000	495,000	495,000	3,733,000	
Total Funds	2,150,000	1,283,000	965,000	495,000	495,000	495,000	3,733,000	

(1) Provided by Finance

Project Title:	Printer Hardware Upgrades and Replacements	Department (Name/Dept #): Information Technology - (20111)/20111					CIP #: 1000827	
Description:	Replacement of printers after useful life has expired. Average replacement cost for printers is \$3,500.	Roadway (Name/Fund #): Reserve Maintenance Fund - (1201)/1201					Purpose Priority: 1	
		Operational and Maintenance Costs:						
Justification:	Printer's average warranty is four years. Replaced after warranty expires to ensure availability of critical resource. One quarter of inventory is 40 printers.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	--
Totals		--	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Computers - (531641)	200,000	100,000	150,000	150,000	150,000	200,000	750,000	
Total Allocations	200,000	100,000	150,000	150,000	150,000	200,000	750,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	200,000	100,000	150,000	150,000	150,000	200,000	750,000	
Total Funds	200,000	100,000	150,000	150,000	150,000	200,000	750,000	

(1) Provided by Finance

Project Title:	Network Equipment and Communication Systems Replacement	Department (Name/Dept #): Information Technology - (20111)/20111					CIP #: 1000828
Description:	Non-recurring purchase of hardware associated with requirements identified by NTTA departments related to staff growth, hardware obsolescence, etc.	Roadway (Name/Fund #): Reserve Maintenance Fund - (1201)/1201					Purpose Priority: 1
Justification:		Increase in employee headcount or to increase efficiencies require the acquisition of hardware.					
		Operational and Maintenance Costs:					
			FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
	Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Electronic Supplies - (531106)	1,969,500	2,169,500	769,500	719,500	719,500	719,500	5,097,500
Total Allocations	1,969,500	2,169,500	769,500	719,500	719,500	719,500	5,097,500
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	1,969,500	2,169,500	769,500	719,500	719,500	719,500	5,097,500
Total Funds	1,969,500	2,169,500	769,500	719,500	719,500	719,500	5,097,500

(1) Provided by Finance

Project Title:	Software and Licensing	Department (Name/Dept #): Information Technology - (20111)/20111					CIP #: 1000829	
Description:	Software and other services associated with requirements identified by NTTA departments.	Roadway (Name/Fund #): Reserve Maintenance Fund - (1201)/1201					Purpose Priority: 1	
		Operational and Maintenance Costs:						
Justification:	Software required for increased headcount and to increase the efficiency of operations.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	--
Totals		--	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Software - (531651)		210,000	210,000	210,000	210,000	210,000	210,000	1,050,000
Total Allocations		210,000	210,000	210,000	210,000	210,000	210,000	1,050,000
Reimbursements								
Total Reimbursement		--	--	--	--	--	--	--
Source of Funds (1)								
Revenue Distribution from the Revenue Fund		210,000	210,000	210,000	210,000	210,000	210,000	1,050,000
Total Funds		210,000	210,000	210,000	210,000	210,000	210,000	1,050,000

(1) Provided by Finance

Project Title:	Systemwide RMF Projects - Buildings	Department (Name/Dept #): Admin Infrastructure - (20221)/20221					CIP #: 1000835	
Description:	Building repairs or component/equipment replacements. Projects include roof repairs, HVAC equipment repairs and structural repairs.	Roadway (Name/Fund #): Reserve Maintenance Fund - (1201)/1201					Purpose Priority: --	
		Operational and Maintenance Costs:						
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.		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals		--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Building Improvements - (541302)		1,925,000	2,880,000	2,215,000	1,845,000	1,495,000	1,005,000	9,440,000
Total Allocations		1,925,000	2,880,000	2,215,000	1,845,000	1,495,000	1,005,000	9,440,000
Reimbursements								
Total Reimbursement		--	--	--	--	--	--	--
Source of Funds (1)								
Revenue Distribution from the Revenue Fund		1,925,000	2,880,000	2,215,000	1,845,000	1,495,000	1,005,000	9,440,000
Total Funds		1,925,000	2,880,000	2,215,000	1,845,000	1,495,000	1,005,000	9,440,000

(1) Provided by Finance

Project Title:	Systemwide RMF - Fleet	Department (Name/Dept #): Admin Infrastructure - (20221)/20221				CIP #: 1000840		
Description:	Purchase trucks, fleet & equipment.	Roadway (Name/Fund #): Reserve Maintenance Fund - (1201)/1201				Purpose Priority: --		
		Operational and Maintenance Costs:						
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 at or above Board-approved performance level.		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--		
		Totals	--	--	--	--		
		Budget	Budget				Five Year Totals	
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Machinery - (531611)		943,789	836,492	850,000	850,000	850,000	850,000	4,236,492
Vehicles - (531621)		2,098,293	2,420,000	1,554,500	1,469,600	1,616,560	1,490,000	8,550,660
Total Allocations		3,042,082	3,256,492	2,404,500	2,319,600	2,466,560	2,340,000	12,787,152
Reimbursements								
Total Reimbursement		--	--	--	--	--	--	--
Source of Funds (1)								
Revenue Distribution from the Revenue Fund		3,042,082	3,256,492	2,404,500	2,319,600	2,466,560	2,340,000	12,787,152
Total Funds		3,042,082	3,256,492	2,404,500	2,319,600	2,466,560	2,340,000	12,787,152

(1) Provided by Finance

Project Title:	Systemwide RMF Projects - Roadway	Department (Name/Dept #): Project Delivery - (20511)/20511					CIP #: 1000431	
Description:	Major roadway repair or replacement projects. To address base failures, significant sub-grade movement, erosion, or settlement at pavement edges & surface skid resistance.	Roadway (Name/Fund #): Reserve Maintenance Fund - (1201)/1201					Purpose Priority: --	
		Operational and Maintenance Costs:						
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.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals		--	--	--	--	--		
Project Allocation		Budget	Budget					Five Year Totals
		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
General Engineering - (521213)		2,239,810	2,347,051	2,509,153	2,626,361	2,756,429	2,868,250	13,107,244
Signing Expense - (522203)		1,015,000	1,316,000	--	1,184,000	1,892,000	6,729,000	11,121,000
Pavement Markings - (522204)		1,357,500	1,270,500	5,698,000	4,674,750	8,521,000	1,515,000	21,679,250
Pavement & Shoulders - (522205)		10,925,000	7,544,999	7,157,705	6,153,475	6,291,517	17,775,551	44,923,247
Infrastructure Rdway/Hwy/Bridg - (541401)		1,511,250	4,067,500	2,086,925	1,380,000	799,425	985,000	9,318,850
Total Allocations		17,048,560	16,546,050	17,451,783	16,018,586	20,260,371	29,872,801	100,149,591
Reimbursements								
Total Reimbursement		--	--	--	--	--	--	--
Source of Funds (1)								
Revenue Distribution from the Revenue Fund		17,048,560	16,546,050	17,451,783	16,018,586	20,260,371	29,872,801	100,149,591
Total Funds		17,048,560	16,546,050	17,451,783	16,018,586	20,260,371	29,872,801	100,149,591

(1) Provided by Finance

Project Title:	Systemwide RMF Projects - Walls, Railings & Structural Steel Elements	Department (Name/Dept #): Project Delivery - (20511)/20511					CIP #: 1000831	
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.	Roadway (Name/Fund #): Reserve Maintenance Fund - (1201)/1201					Purpose Priority: --	
		Operational and Maintenance Costs:						
Justification:	To maintain NTTA assets at or above the Board-approved level of quality, and ultimately for the safety of NTTA customers. Projects must be performed at the "right time" to prevent higher cost of repairs at a later time.		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
			Property Management	--	--	--	--	--
		Totals	--	--	--	--	--	--
	Budget	Budget					Five Year Totals	
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Infrastructure Rdway/Hwy/Bridg - (541401)	960,000	10,884,916	6,094,686	3,707,500	2,400,000	3,870,506	26,957,608	
Total Allocations	960,000	10,884,916	6,094,686	3,707,500	2,400,000	3,870,506	26,957,608	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	960,000	10,884,916	6,094,686	3,707,500	2,400,000	3,870,506	26,957,608	
Total Funds	960,000	10,884,916	6,094,686	3,707,500	2,400,000	3,870,506	26,957,608	

(1) Provided by Finance

Project Title:	SIM Reserve Maintenance Fund	Department (Name/Dept #): System & Incdnt Mngmt - (20611)/20611				CIP #: 1000431	
Description:	Roadway Safety Services (RSS) mobile data & dispatch computers, roadway safety service tools.	Roadway (Name/Fund #): Reserve Maintenance Fund - (1201)/1201				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	To increase efficiency and accuracy with response and clearance times and for tools and equipment to maintain the system.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
Project Allocation		Budget FY2018	Budget FY2019	Budget FY2020	Budget FY2021	Budget FY2022	Budget FY2023
		Five Year Totals FY2019 - FY2023					
Traffic Engineering Fees - (521207)		100,000	100,000	100,000	100,000	100,000	175,000
Small Tools and Shop Supplies - (531601)		75,000	75,000	75,000	75,000	75,000	75,000
Computers - (531641)		20,000	15,000	--	--	--	--
Total Allocations		195,000	190,000	175,000	175,000	175,000	250,000
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		195,000	190,000	175,000	175,000	175,000	250,000
Total Funds		195,000	190,000	175,000	175,000	175,000	250,000

(1) Provided by Finance

CAPITAL IMPROVEMENT PROJECTS

DNT Improvement Projects:

Landscaping taking
shape along
northbound Dallas
Pkwy., north of Parker
Rd.



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 FOURTH LANE (PGBT TO SRT)

NTTA added a fourth lane to the DNT in each direction between President George Bush Turnpike and the Sam Rayburn Tollway. Construction was completed in early FY2018. The FY2019–FY2023 Capital Plan includes \$1.2 million for this project. Total project costs are estimated at \$113.9 million.

DALLAS NORTH TOLLWAY/PRESIDENT GEORGE BUSH TURNPIKE INTERCHANGE IMPROVEMENTS

The DNT/ PGBT interchange improvement project increased capacity and improved the flow of traffic on the northern direct connectors and through the interchange. Construction was completed in early FY2018. The FY2019– FY2023 Capital Plan includes \$0.5 million for this project. Total project costs are estimated at \$101.4 million.



Capital Improvement Projects (continued)

DALLAS NORTH TOLLWAY PHASE 4B

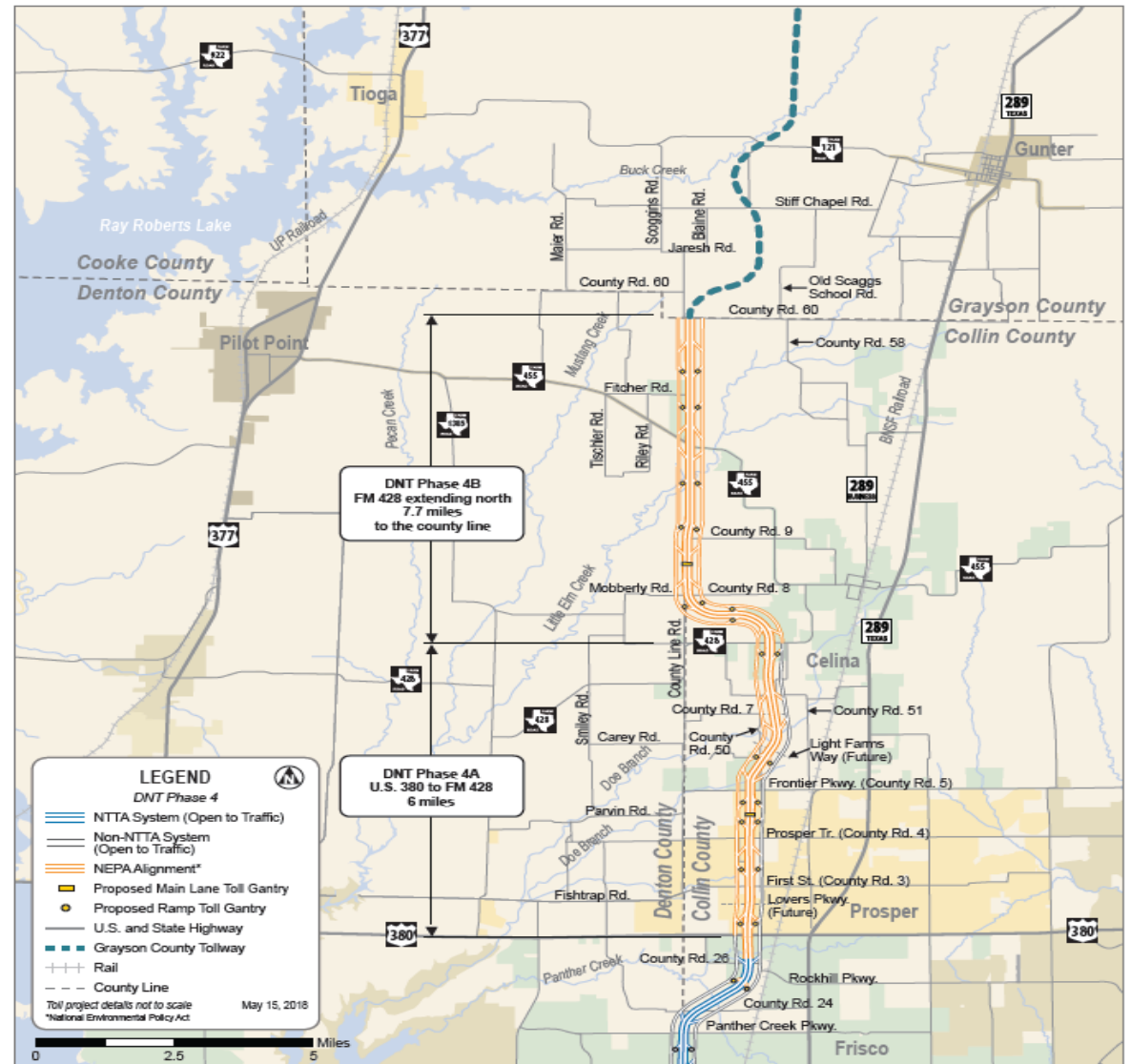
The Phase 4B extension is a 7.7-mile section from FM 428 to Grayson County. The FY2019-FY2023 Capital Plan includes \$36.3 million for planning from FY2020-FY2022 and design from FY2022-FY2025. Total project costs are estimated at \$500.0 million.

DALLAS NORTH TOLLWAY PHASE 4A

The Phase 4A extension is a 6-mile section from U.S. 380 to FM 428. The FY2019-FY2023 Capital Plan includes \$112.0 million for planning from FY2019-FY2020, design from FY2020-FY2022 and construction from FY2023-FY2025 of 6 main lanes. Total project costs are estimated at \$350.0 million.

DALLAS NORTH TOLLWAY BRIDGES OVER U.S. 380

NTTA is planning to extend the DNT north by constructing main lane bridges over U.S. 380. Construction is anticipated to begin in FY2020 and is scheduled for completion in FY2022. The FY2019-FY2023 Capital Plan includes the estimated project cost of \$100.5 million. Total project costs are estimated at \$106.1 million.



Capital Improvement Projects (continued)

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

NTTA is planning to add an additional lane in each direction to DNT from SRT to U.S. 380. Environmental and schematic work scheduled to begin in FY2018 and design in FY2020. Construction is anticipated to begin in FY2021 and is scheduled for completion in FY2024. The FY2019-FY2023 Capital Plan includes \$77.6 million for this project. Total project costs are estimated at \$100.0 million.



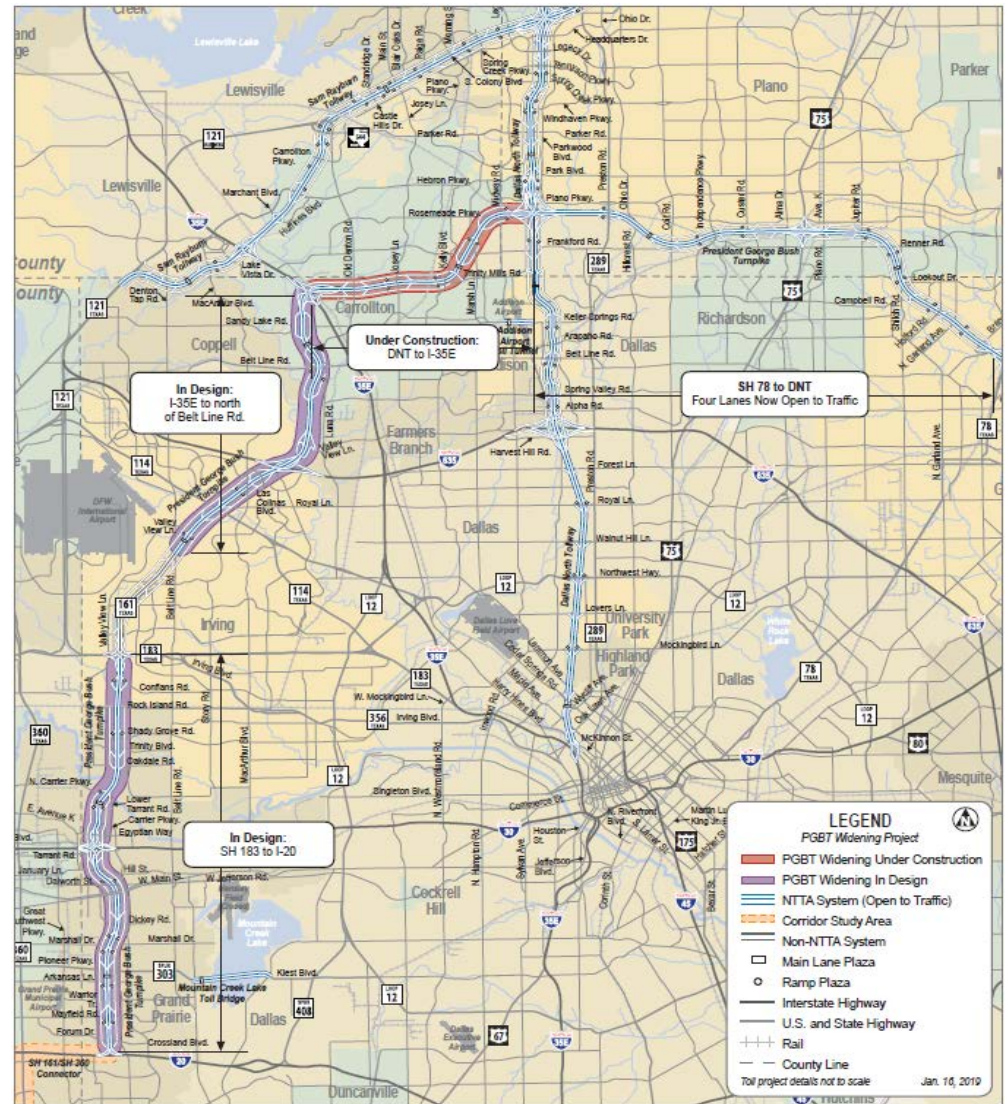
Capital Improvement Projects (continued)

PRESIDENT GEORGE BUSH TURNPIKE WIDENING PROJECT BETWEEN I-20 AND SH 78

NTTA is adding a fourth lane in each direction between I-20 and SH 78. Construction is underway and is anticipated to be complete by FY2020.

- Phase 1 [from U.S. 75 and DNT]; Construction began May 2015 and opened to traffic November 2016.
- Phase 2 [from SH 78 to U.S. 75]; Construction began in mid-2017; completed November 2018.
- Phase 3 [from DNT to I-35E]; Construction anticipated to begin mid-FY2017 and done by late FY2019.
- Phase 4 [from I-35E to north of Belt Line Road (Irving)]; the project is currently in design phase.
- Phase 5 [from SH 183 to I-20]; the project is currently in design phase.

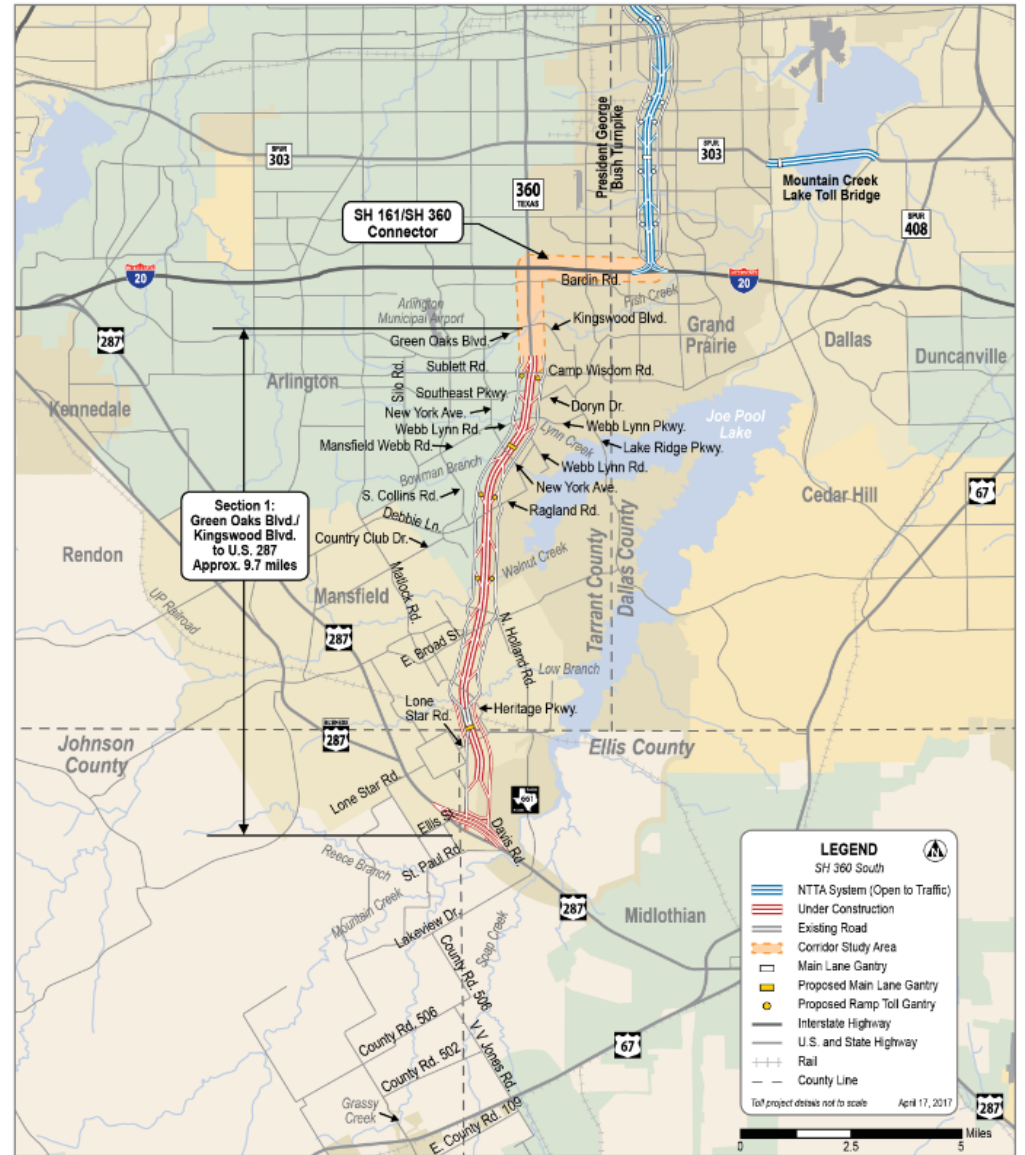
The FY2019–FY2023 Capital Plan includes \$100.7 million for this project. Total project costs are estimated at \$206.0 million.



Capital Improvement Projects (continued)

PGBT/360 TOLLWAY CONNECTOR

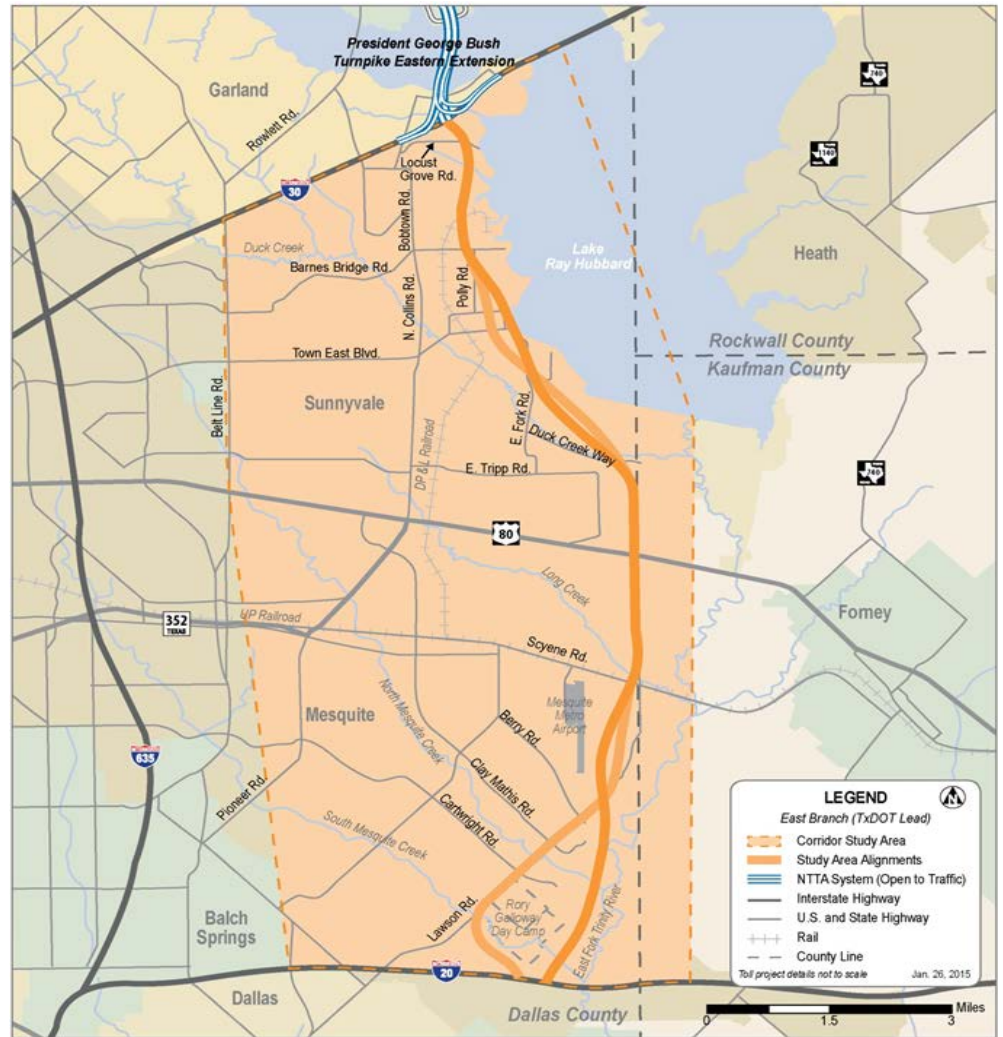
The proposed project connects PGBT from south of Mayfield Road to 360 Tollway at north of Camp Wisdom Road in southern Tarrant County. The FY2019-FY2023 Capital Plan includes \$24.5 million for planning, design and construction of this project. The total estimated project costs are \$363.0 million.



Capital Improvement Projects (continued)

PGBT EAST BRANCH

The proposed project would extend approximately 11-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. TxDOT is the lead agency for this proposed project through the environmental process. The FY2019-FY2023 Capital Plan contains \$28.3 million for NTTA's design and right-of-way responsibilities.



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 FY2019 – FY2023 Capital Plan are as follows: network, disaster recovery, enterprise storage, toll collection system replacement, intelligent transportation systems and items related to information security and compliance. The FY2019 – FY2023 Capital Plan includes \$235.9 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 FY2019 – FY2023 Capital Plan includes \$54.5 million for this category.

RECONSTRUCTION/REPAIR OF RETAINING WALLS

Several retaining wall projects are being developed to address identified issues. The FY2019 – FY2023 Capital Plan includes \$88.2 million for this project. Through a legal settlement NTTA was reimbursed \$11.9 million in FY2016 an additional reimbursement of \$27.0 million is scheduled for FY2020.

CTP SOUTH 2-LANES

This project adds two southbound main lanes from south of FM 1187 to U.S. 67. The FY2019 – FY2023 Capital Plan includes \$25.0 million for planning and design. Total estimated project costs are \$240.0 million. See map on page 120.

DNT CAPACITY IMPROVEMENTS STUDY

General engineering fees are being budgeted to identify possible capacity improvements on DNT. The FY2019 – FY2023 Capital Plan includes \$2.5 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 \$10.7 million for this category.



Capital Improvement Fund - (1501) - Project List FY2019 - FY2023 CAPITAL PLAN

Department	Project	Estimated FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Five Year Total FY2019 - FY2023
Information Technology - (20111)	1000030 - C*Cure Upgrade	400,000	100,000	100,000	100,000	0	0	300,000
Information Technology - (20111)	7000005 - Business Analytics	720,000	700,000	150,000	400,000	100,000	50,000	1,400,000
Information Technology - (20111)	7000006 - PCI Compliance	7,589,864	3,563,267	6,600,000	4,900,000	7,200,000	5,525,000	27,788,267
Information Technology - (20111)	7000008 - Disaster Recovery	4,600,000	6,430,000	4,500,000	4,600,000	3,600,000	1,600,000	20,730,000
Information Technology - (20111)	7000011 - Intelligent Transportation Systems Retrofit	5,400,000	3,325,000	1,900,000	1,400,000	900,000	825,000	8,350,000
Information Technology - (20111)	7000016 - Data Storage	0	0	3,166,700	0	0	0	3,166,700
Information Technology - (20111)	7000017 - EPDS Enhancements	810,000	0	800,000	500,000	0	0	1,300,000
Information Technology - (20111)	7000018 - Redesign of Internet and Intranet	500,000	120,000	100,000	0	0	0	220,000
Information Technology - (20111)	7000021 - PeopleSoft HR HCM Enhancements	325,000	1,000,000	1,000,000	300,000	300,000	300,000	2,900,000
Information Technology - (20111)	7000022 - Digital Aerial Photography	0	48,200	0	48,200	0	48,200	144,600
Information Technology - (20111)	7000024 - Toll Collection Sys Software Enhancements/Maint	6,100,000	4,800,000	4,800,000	0	0	0	9,600,000
Information Technology - (20111)	7000033 - Microsoft Enterprise Agreement	0	400,000	100,000	100,000	100,000	100,000	800,000
Information Technology - (20111)	7000034 - Oracle Unlimited License Agreement	0	886,801	335,569	0	0	0	1,222,370
Information Technology - (20111)	7000040 - Virtualization/Hardware Reduction	695,000	1,450,000	400,000	400,000	0	0	2,250,000
Information Technology - (20111)	7000042 - Computer Hardware Upgrade	685,000	325,000	1,800,000	0	0	0	2,125,000
Information Technology - (20111)	7000047 - Toll Enforcement Remedies	200,000	50,000	0	0	0	0	50,000
Information Technology - (20111)	7000050 - GIS Enhancement	910,000	0	100,000	150,000	100,000	50,000	400,000
Information Technology - (20111)	7000051 - Mobile App Enhancements	500,000	500,000	500,000	0	0	0	1,000,000
Information Technology - (20111)	7000054 - Service Desk Software Enhancements	400,000	500,000	0	0	0	0	500,000
Information Technology - (20111)	7000056 - Toll Collection System Implementation	9,850,002	34,800,002	23,600,002	2,300,000	2,300,000	2,300,000	65,300,004
Information Technology - (20111)	7000058 - Infrastructure Professional Service	900,000	900,000	900,000	0	0	0	1,800,000
Information Technology - (20111)	7000062 - Conf Rooms Display Enhancement	100,000	0	100,000	100,000	0	0	200,000
Information Technology - (20111)	7000064 - Board Room Video/Presentation Enhancement	100,000	100,000	100,000	100,000	100,000	100,000	500,000
Information Technology - (20111)	7000067 - DataLogger	225,000	260,000	0	0	0	0	260,000
Information Technology - (20111)	7000068 - National IOP	800,000	1,200,000	1,200,000	1,200,000	0	0	3,600,000
Information Technology - (20111)	7000070 - Multi-Channel Communications - CSC	3,000,000	2,700,000	2,700,000	2,500,000	0	0	7,900,000
Information Technology - (20111)	7000071 - LoneStar Module Expansion	100,000	135,000	125,000	0	0	0	260,000
Information Technology - (20111)	7000076 - Hyperion Upgrade/Forecasting Tool	525,000	100,000	0	0	0	0	100,000
Information Technology - (20111)	7000081 - eProcurement Project Workflow Tracker	450,000	500,000	0	0	0	0	500,000
Information Technology - (20111)	7000086 - NTTA Employee Portal	400,000	150,000	0	0	0	0	150,000
Information Technology - (20111)	7000106 - Succession Planning	0	100,000	0	0	0	0	100,000
Information Technology - (20111)	7000107 - Managed Print	490,000	490,000	280,000	550,000	550,000	200,000	2,070,000
Information Technology - (20111)	7000110 - Enterprise Content Management	0	1,300,000	1,200,000	0	0	0	2,500,000
Information Technology - (20111)	7000111 - GIS Fiber Migration	0	285,000	0	0	0	0	285,000
Information Technology - (20111)	7000112 - Contract Management System	0	550,000	300,000	0	0	0	850,000
Information Technology - (20111)	7000113 - Reporting Tool for BDD	0	300,000	0	0	0	0	300,000
Information Technology - (20111)	7000115 - C*Cure/ServiceNow Integration	0	30,000	0	0	0	0	30,000
Information Technology - (20111)	7000116 - Backup System	0	900,000	500,000	0	0	0	1,400,000
Information Technology - (20111)	7000117 - Lane System Upgrade	0	750,000	500,000	1,500,000	25,500,000	25,500,000	53,750,000
Information Technology - (20111)	7001252 - Windows Server Upgrade	2,000,000	2,000,000	600,000	300,000	300,000	300,000	3,500,000
Information Technology - (20111)	7001255 - Windows SQL Upgrade	0	0	250,000	200,000	0	0	450,000
Information Technology - (20111)	7001253 - Command Center Radio Upgrade	650,000	650,000	650,000	475,000	650,000	0	2,425,000
Information Technology - (20111) Total		49,424,866	72,398,270	59,357,271	22,123,200	41,700,000	36,898,200	232,476,941
Admin Infrastructure - (20221)	1000835 - Systemwide Facility Improvements	3,155,000	2,490,000	2,320,000	1,670,000	1,525,000	1,490,000	9,495,000
Admin Infrastructure - (20221) Total		3,155,000	2,490,000	2,320,000	1,670,000	1,525,000	1,490,000	9,495,000

Department	Project	Estimated FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Five Year Total FY2019 - FY2023
Project Delivery - (20511)	1000431 - Systemwide Roadway Improvements	11,530,000	3,378,000	14,158,288	778,000	253,500	253,500	18,821,288
Project Delivery - (20511)	2000005 - PGBT Continuous Illumination	0	4,440,564	2,376,060	22,511,778	24,576,424	24,074,675	77,979,501
Project Delivery - (20511)	2000417 - PGBT 4th Lane Widening	31,643,655	35,245,622	31,029,768	21,217,000	13,180,000	0	100,672,390
Project Delivery - (20511)	2000430 - MSE Wall Stabilization and Maintenance Program	10,400,000	29,300,000	23,300,000	10,600,000	12,500,000	12,500,000	88,200,000
Project Delivery - (20511)	2100003 - DNT 4th Lane (PGBT to SRT)	7,374,000	825,000	350,000	0	0	0	1,175,000
Project Delivery - (20511)	2100004 - DNT/PGBT IC & Ramp Mods	5,155,591	210,000	300,000	0	0	0	510,000
Project Delivery - (20511)	2100007 - DNT PH4A Bridges over U.S. 380	5,592,830	16,018,907	34,591,900	30,998,401	18,495,370	360,583	100,465,161
Project Delivery - (20511)	2100008 - DNT PH4B	0	0	1,200,000	1,400,000	14,901,394	18,771,930	36,273,324
Project Delivery - (20511)	2100011 - DNT Widening (SRT to U.S. 380)	501,691	2,312,749	6,224,382	11,179,055	26,753,838	31,158,762	77,628,786
Project Delivery - (20511)	2100012 - DNT Capacity Improvements Study	1,000,000	500,000	1,000,000	1,000,000	0	0	2,500,000
Project Delivery - (20511)	2100013 - DNT PH4A	0	1,000,000	7,000,000	10,000,000	14,000,000	80,000,000	112,000,000
Project Delivery - (20511)	2100310 - DNT South End Design Guidelines Implementation	5,371,870	2,828,000	2,870,317	6,645,383	16,109,251	122,559	28,575,510
Project Delivery - (20511)	2500004 - SRT Continuous Illumination	0	0	810,370	2,153,591	7,340,906	14,461,606	24,766,473
Project Delivery - (20511)	2900000 - 360 Tollway	976,400	10,000	0	0	0	0	10,000
Project Delivery - (20511)	3000000 - PGBT East Branch	0	0	0	1,250,000	10,000,000	17,000,000	28,250,000
Project Delivery - (20511)	3900001 - PGBT/360 Tollway Connector	0	1,000,000	1,000,000	2,000,000	2,000,000	18,500,000	24,500,000
Project Delivery - (20511)	7000055 - DNT Improvements (I-635 to PGBT)	3,031,727	0	0	0	0	0	0
Project Delivery - (20511)	7200001 - CTP South 2-lanes	0	0	2,000,000	7,000,000	8,000,000	8,000,000	25,000,000
	Project Delivery - (20511) Total	82,577,764	97,068,842	128,211,085	128,733,208	168,110,683	225,203,615	747,327,433
System & Incdnt Mgmt. - (20611)	1000431 - Systemwide Roadway Improvements	3,250,000	3,475,000	7,075,000	9,075,000	11,375,000	4,725,000	35,725,000
	System & Incdnt Mgmt. - (20611) Total	3,250,000	3,475,000	7,075,000	9,075,000	11,375,000	4,725,000	35,725,000
Totals		\$138,407,630	\$175,432,112	\$196,963,356	\$161,601,408	\$222,710,683	\$268,316,815	\$1,025,024,374

FY2018 Carryover Projects and Adjustments

Information Technology - (20111)	1000030 - C*Cure Upgrade	(400,000)	0	0	0	0	0	0
Information Technology - (20111)	7000005 - Business Analytics	280,000	0	0	0	0	0	0
Information Technology - (20111)	7000006 - PCI Compliance	(1,995,733)	1,995,733	0	0	0	0	1,995,733
Information Technology - (20111)	7000017 - EPDS Enhancements	(810,000)	810,000	0	0	0	0	810,000
Information Technology - (20111)	7000034 - Oracle Unlimited License Agreement	1,995,733	0	0	0	0	0	0
Information Technology - (20111)	7000047 - Toll Enforcement Remedies	(200,000)	200,000	0	0	0	0	200,000
Information Technology - (20111)	7000050 - GIS Enhancement	(910,000)	200,000	0	0	0	0	200,000
Information Technology - (20111)	7000076 - Hyperion Upgrade/Forecasting Tool	(225,000)	100,000	0	0	0	0	100,000
Information Technology - (20111)	7000086 - NTTA Employee Portal	(400,000)	150,000	0	0	0	0	150,000
Admin Infrastructure - (20221)	1000835 - Systemwide Facility Improvements	(1,170,000)	1,170,000	0	0	0	0	1,170,000
Totals		(\$3,835,000)	\$4,625,733	\$0	\$0	\$0	\$0	\$4,625,733
Total FY2019 - FY2023 Capital Improvement Project Costs		\$134,572,630	\$180,057,845	\$196,963,356	\$161,601,408	\$222,710,683	\$268,316,815	\$1,029,650,107

Report contains only project costs.

Changes to projects are color coded. Amounts must be added for total project cost.

Information Technology - (20111)	1000030 - Facility Improvements	0	100,000	See page 52.
Information Technology - (20111)	7000005 - Business Analytics	1,000,000	700,000	See page 53.
Information Technology - (20111)	7000017 - EPDS Enhancements	0	810,000	See page 58.
Information Technology - (20111)	7000047 - Toll Enforcement Remedies	2,195,733	50,000	See page 67.
Information Technology - (20111)	7000050 - GIS Enhancement	710,000	200,000	See page 68.
Information Technology - (20111)	7000076 - Hyperion Upgrade/Forecasting Tool	300,000	200,000	See page 79.
Information Technology - (20111)	7000086 - NTTA Employee Portal	175,000	250,000	See page 81.
Admin Infrastructure - (20221)	1000835 - Systemwide Facility Improvements	1,985,000	3,660,000	See page 94.

Project Title:	C*Cure Upgrade	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 1000030	
Description:	Upgrade Facility Access System.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	Current system is outdated and the new version provides for a web based solution and enhanced reporting.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	--	100,000	100,000	100,000	--	--	300,000
Total Allocations	--	100,000	100,000	100,000	--	--	300,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	--	100,000	100,000	100,000	--	--	300,000
Total Funds	--	100,000	100,000	100,000	--	--	300,000

(1) Provided by Finance

Project Title:	Business Analytics	Department (Name/Dept #): Information Technology - (20111)/20111					CIP #: 7000005	
Description:	Implementation of OBIEE to provide enhanced analytics for the organization.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: 1	
		Operational and Maintenance Costs:						
Justification:	The current enterprise reporting system requires manual reporting. Oracle Business Intelligence Enterprise Edition (OBIEE) Analytics will be used to provide effective reporting and analytics from PeopleSoft for end user.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	--
Totals		--	--	--	--	--	--	
Project Allocation		Budget	Budget					Five Year Totals
		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)		310,000	200,000	150,000	150,000	100,000	50,000	650,000
Computers - (531641)		210,000	200,000	--	100,000	--	--	300,000
Software - (531651)		480,000	300,000	--	150,000	--	--	450,000
Total Allocations		1,000,000	700,000	150,000	400,000	100,000	50,000	1,400,000
Reimbursements								
Total Reimbursement		--	--	--	--	--	--	--
Source of Funds (1)								
Revenue Distribution from the Revenue Fund		1,000,000	700,000	150,000	400,000	100,000	50,000	1,400,000
Total Funds		1,000,000	700,000	150,000	400,000	100,000	50,000	1,400,000

(1) Provided by Finance

Project Title:	Security Enhancement/PCI Compliance	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000006	
Description:	This fund will be used for remediation efforts to comply with Payment Card Industry requirements as well as to implement security solutions based on new compliance requirements.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	As a level 1 merchant, NTTA must comply with PCI Data Security Standards in order to pass the PCI compliance audit every year. NTTA will also be required to comply with the new PCIDSS version 3 standards.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	4,594,131	2,759,000	4,500,000	2,700,000	4,900,000	3,025,000	17,884,000
Computers - (531641)	500,000	800,000	1,100,000	1,200,000	1,300,000	1,500,000	5,900,000
Software - (531651)	500,000	2,000,000	1,000,000	1,000,000	1,000,000	1,000,000	6,000,000
Total Allocations	5,594,131	5,559,000	6,600,000	4,900,000	7,200,000	5,525,000	29,784,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	5,594,131	5,559,000	6,600,000	4,900,000	7,200,000	5,525,000	29,784,000
Total Funds	5,594,131	5,559,000	6,600,000	4,900,000	7,200,000	5,525,000	29,784,000

(1) Provided by Finance

Project Title:	Disaster Recovery	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000008		
Description:	Provide a Disaster Recovery Site & Plan to support NTTA technology infrastructure.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1		
		Operational and Maintenance Costs:						
Justification:	To provide Disaster Recovery infrastructure that will support the business requirements of the Authority. This will include servers, storage, network and security systems.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals		--	--	--	--	--		
		Budget	Budget				Five Year Totals	
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)		1,400,000	1,930,000	400,000	500,000	400,000	400,000	3,630,000
Computers - (531641)		2,600,000	4,000,000	3,900,000	3,500,000	2,600,000	600,000	14,600,000
Software - (531651)		600,000	500,000	200,000	600,000	600,000	600,000	2,500,000
Total Allocations		4,600,000	6,430,000	4,500,000	4,600,000	3,600,000	1,600,000	20,730,000
Reimbursements								
Total Reimbursement		--	--	--	--	--	--	--
Source of Funds (1)								
Revenue Distribution from the Revenue Fund		4,600,000	6,430,000	4,500,000	4,600,000	3,600,000	1,600,000	20,730,000
Total Funds		4,600,000	6,430,000	4,500,000	4,600,000	3,600,000	1,600,000	20,730,000

(1) Provided by Finance

Project Title:	Intelligent Transportation System (ITS) Enhancements	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 700011	
Description:	Additional Intelligent Transportation System (ITS) locations & technologies.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
			FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
Justification:	This project includes construction of ITS Set D to fill in gaps of coverage for CCTV system as determined by the SIM Department, professional services for ITS strategic planning consultant, and system management to further enhance the ITS program.	Services and Charges	--	--	--	--	
		Software Annual Support	--	--	--	--	
		Property Management	--	--	--	--	
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	1,400,000	425,000	200,000	200,000	200,000	325,000	1,350,000
Computers - (531641)	500,000	--	1,000,000	--	--	--	1,000,000
Software - (531651)	--	900,000	--	--	--	--	900,000
Infrastructure - Other - (541403)	3,500,000	2,000,000	700,000	1,200,000	700,000	500,000	5,100,000
Total Allocations	5,400,000	3,325,000	1,900,000	1,400,000	900,000	825,000	8,350,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	5,400,000	3,325,000	1,900,000	1,400,000	900,000	825,000	8,350,000
Total Funds	5,400,000	3,325,000	1,900,000	1,400,000	900,000	825,000	8,350,000

(1) Provided by Finance

Project Title:	Data Storage	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000016	
Description:	Increase data storage to accommodate transactions and images from new lanes that are added to NTTA System and TSA managed lanes system.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	New lanes are being added to NTTA and TSA system.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Computers - (531641)		5,600,000	--	3,166,700	--	--	3,166,700
Total Allocations		5,600,000	--	3,166,700	--	--	3,166,700
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		5,600,000	--	3,166,700	--	--	3,166,700
Total Funds		5,600,000	--	3,166,700	--	--	3,166,700

(1) Provided by Finance

Project Title:	Internet/Intranet Redesign	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000018	
Description:	Enhancements to internet/intranet sites.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 3	
		Operational and Maintenance Costs:					
Justification:	Communications requested a project to rework the NTTA and intranet and internet sites. It is anticipated that external access to an employee portal would likely be part of this project allowing for updating benefit enrollment, viewing paychecks, etc.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	
		Totals	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	255,000	120,000	100,000	--	--	--	220,000
Computers - (531641)	100,000	--	--	--	--	--	--
Software - (531651)	145,000	--	--	--	--	--	--
Total Allocations	500,000	120,000	100,000	--	--	--	220,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	500,000	120,000	100,000	--	--	--	220,000
Total Funds	500,000	120,000	100,000	--	--	--	220,000

(1) Provided by Finance

Project Title:	PeopleSoft HCM Enhancement	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000021	
Description:	Continued enhancement to PeopleSoft HCM in order to support the needs of the organization.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	HR requested eRecruiting be implemented in PS to allow for better employment reporting and eTraining as a replacement of TTN. Project also activates part of the Time and Labor Module, enabling SIM to schedule shifts and track specific work types.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
	Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	150,000	1,000,000	1,000,000	300,000	300,000	300,000	2,900,000
Computers - (531641)	75,000	--	--	--	--	--	--
Software - (531651)	100,000	--	--	--	--	--	--
Total Allocations	325,000	1,000,000	1,000,000	300,000	300,000	300,000	2,900,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	325,000	1,000,000	1,000,000	300,000	300,000	300,000	2,900,000
Total Funds	325,000	1,000,000	1,000,000	300,000	300,000	300,000	2,900,000

(1) Provided by Finance

Project Title:	Digital Aerial Photography	Department (Name/Dept #): Information Technology - (20111)/20111					CIP #: 7000022	
Description:	Aerial photography acquisition through the North Central Texas Council of Governments. This is a more cost effective than going directly through a commercial vendor.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: 1	
		Operational and Maintenance Costs:						
Justification:	Current aerial photography is a very important part to the Geographic Information System (GIS) as it enables staff and end users to view a geographically correct photo of NTTA roadways and all of its assets (i.e. signs, lights, landscape).		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
	Property Management	--	--	--	--	--		
	Totals	--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)		--	48,200	--	48,200	--	48,200	144,600
Total Allocations		--	48,200	--	48,200	--	48,200	144,600
Reimbursements								
Total Reimbursement		--	--	--	--	--	--	--
Source of Funds (1)								
Revenue Distribution from the Revenue Fund		--	48,200	--	48,200	--	48,200	144,600
Total Funds		--	48,200	--	48,200	--	48,200	144,600

(1) Provided by Finance

Project Title:	Toll Collection System Software Enhancements & Maintenance	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000024	
Description:	Maintenance for the Toll Collection system and enhancements requested by user department or dictated by operations, legislative, or other changes that require the system to grow and adapt.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
Justification:	Enhancements include automated lookup of out of state owner info, payment cards, additional retail outlets, IOP expansion, customer outreach.	Operational and Maintenance Costs:					
			FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
	Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	300,000	--	--	--	--	--	--
Computers - (531641)	800,000	--	--	--	--	--	--
Software - (531651)	5,000,000	4,800,000	4,800,000	--	--	--	9,600,000
Total Allocations	6,100,000	4,800,000	4,800,000	--	--	--	9,600,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	6,100,000	4,800,000	4,800,000	--	--	--	9,600,000
Total Funds	6,100,000	4,800,000	4,800,000	--	--	--	9,600,000

(1) Provided by Finance

Project Title:	Microsoft Enterprise Agreement	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000033		
Description:	Provides software licensing, support, and updates for OS, productivity applications and management & monitoring tools for all NTTA servers and workstations.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1		
		Operational and Maintenance Costs:						
Justification:	Year two of a three year agreement to ensure support and coverage for licensing expansion.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals		--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Software - (531651)	--	400,000	100,000	100,000	100,000	100,000	800,000	
Total Allocations	--	400,000	100,000	100,000	100,000	100,000	800,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	--	400,000	100,000	100,000	100,000	100,000	800,000	
Total Funds	--	400,000	100,000	100,000	100,000	100,000	800,000	

(1) Provided by Finance

Project Title:	Oracle Unlimited License Agreement	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000034	
Description:	Unlimited License Agreement allows for expansion of Oracle DB, App, & Analytics licensing at a discounted rate during a time of tremendous growth within the organization.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Funds to complete payment of Oracle ULA already committed to under contract approved by the Board.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Software - (531651)	1,995,733	886,801	335,569	--	--	--	1,222,370
Total Allocations	1,995,733	886,801	335,569	--	--	--	1,222,370
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	1,995,733	886,801	335,569	--	--	--	1,222,370
Total Funds	1,995,733	886,801	335,569	--	--	--	1,222,370

(1) Provided by Finance

Project Title:	Virtualization	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000040	
Description:	Continued virtualization of systems as they become eligible/supported.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Virtualization has many benefits including more efficiency. This allows us to use hardware to the fullest, easily procure new servers and desktops on the fly, and create a more robust and mobile environment.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	250,000	--	--	--	--	--	--
Software - (531651)	445,000	1,450,000	400,000	400,000	--	--	2,250,000
Total Allocations	695,000	1,450,000	400,000	400,000	--	--	2,250,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	695,000	1,450,000	400,000	400,000	--	--	2,250,000
Total Funds	695,000	1,450,000	400,000	400,000	--	--	2,250,000

(1) Provided by Finance

Project Title:	Computer Hardware Upgrade	Department (Name/Dept #): Information Technology - (20111)/20111					CIP #: 7000042
Description:	Server hardware to implement the sharing of ITS video streaming with 30 cities. This project is requested by SIM.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: --
		Operational and Maintenance Costs:					
Justification:	Updated server infrastructure is required to satisfy the request from SIM dept to share ITS video images to surrounding cities connected via fiber.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Computers - (531641)	685,000	325,000	1,800,000	--	--	--	2,125,000
Total Allocations	685,000	325,000	1,800,000	--	--	--	2,125,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	685,000	325,000	1,800,000	--	--	--	2,125,000
Total Funds	685,000	325,000	1,800,000	--	--	--	2,125,000

(1) Provided by Finance

Project Title:	Toll Enforcement Remedies	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000047	
Description:	Implementation of TER tracking system to automate application and tracking of remedies and report on results.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Building of the TER application began in 2014 with Vehicle Registration Blocks and will continue in 2017 to implement ban, impoundment, and other remedies as they become available and prove valuable.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
	Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	--	250,000	--	--	--	--	250,000
Total Allocations	--	250,000	--	--	--	--	250,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	--	250,000	--	--	--	--	250,000
Total Funds	--	250,000	--	--	--	--	250,000

(1) Provided by Finance

Project Title:	GIS Enhancements	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000050		
Description:	Continued enhancement to Geographic Information System (GIS) in order to support the needs of the organization.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1		
		Operational and Maintenance Costs:						
Justification:	Project will implement the tools and enhancements that will then be available into existing and new GIS applications. This includes graphics, extensions & tools (Google Maps), and Professional Services from ESRI (ESRI network needs knowledge resource).		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
	Property Management	--	--	--	--	--		
	Totals	--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Consulting/Profess Serv Tech - (521301)	260,000	135,000	100,000	150,000	100,000	50,000	535,000	
Software - (531651)	650,000	65,000	--	--	--	--	65,000	
Total Allocations	910,000	200,000	100,000	150,000	100,000	50,000	600,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	910,000	200,000	100,000	150,000	100,000	50,000	600,000	
Total Funds	910,000	200,000	100,000	150,000	100,000	50,000	600,000	

(1) Provided by Finance

Project Title:	Mobile App Development	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000051	
Description:	This project will allow NTTA to continue to enhance the existing mobile application to better serve our customers.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Projects include ZipCash login & invoice payment, push notifications, GPS notifications to Safety Operations Center for roadside assistance, real time traffic notifications to customers, etc.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Professional - (521201)	--	--	--	--	--	--	--
Software - (531651)	500,000	500,000	500,000	--	--	--	1,000,000
Total Allocations	500,000	500,000	500,000	--	--	--	1,000,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	500,000	500,000	500,000	--	--	--	1,000,000
Total Funds	500,000	500,000	500,000	--	--	--	1,000,000

(1) Provided by Finance

Project Title:	Service Desk Software Enhancements	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000054	
Description:	Replacement of the current service desk ticketing system.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	In order to meet Internal Audit requirements and to enhance and reinforce IT governance and best practices. Project will be multi-phased and will provide for issue mgmt, inventory tracking, change control, and other best practices as determined.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Software - (531651)	400,000	500,000	--	--	--	--	500,000
Total Allocations	400,000	500,000	--	--	--	--	500,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	400,000	500,000	--	--	--	--	500,000
Total Funds	400,000	500,000	--	--	--	--	500,000

(1) Provided by Finance

Project Title:	Toll Collection System Implementation	Department (Name/Dept #): Information Technology - (20111)/20111					CIP #: 7000056	
Description:	Implement a new toll collection system.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: 1	
		Operational and Maintenance Costs:						
Justification:	To strategize, plan, design, develop, and implement new tolling solution to replace the existing tolling system.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	--
Totals		--	--	--	--	--	--	
Project Allocation		Budget	Budget					Five Year Totals
	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Consulting/Professional - (521201)	1,100,000	2,200,000	2,000,000	--	--	--	4,200,000	
Consulting/Profess Serv Tech - (521301)	3,250,002	3,250,002	3,250,002	800,000	800,000	800,000	8,900,004	
Computers - (531641)	2,000,000	12,350,000	1,350,000	--	--	--	13,700,000	
Software - (531651)	3,500,000	17,000,000	17,000,000	1,500,000	1,500,000	1,500,000	38,500,000	
Total Allocations	9,850,002	34,800,002	23,600,002	2,300,000	2,300,000	2,300,000	65,300,004	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	9,850,002	34,800,002	23,600,002	2,300,000	2,300,000	2,300,000	65,300,004	
Total Funds	9,850,002	34,800,002	23,600,002	2,300,000	2,300,000	2,300,000	65,300,004	

(1) Provided by Finance

Project Title:	Infrastructure Professional Services	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000058	
Description:	Infrastructure Professional Services	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
Justification:	It is essential to use outside experts to validate strategy and planning as well as to use them for complex solution development while employees have the opportunity to learn while working with experts.	Operational and Maintenance Costs:					
			FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	
		Totals	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Professional - (521201)	900,000	900,000	900,000	--	--	--	1,800,000
Total Allocations	900,000	900,000	900,000	--	--	--	1,800,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	900,000	900,000	900,000	--	--	--	1,800,000
Total Funds	900,000	900,000	900,000	--	--	--	1,800,000

(1) Provided by Finance

Project Title:	Conference Rooms Display Enhancements	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000062	
Description:	Conference Rooms Display Enhancements	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 2	
		Operational and Maintenance Costs:					
Justification:	Implement advanced and user-friendly display systems in all conference rooms to enhance conf room activities.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Infrastructure - Other - (541403)	100,000	--	100,000	100,000	--	--	200,000
Total Allocations	100,000	--	100,000	100,000	--	--	200,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	100,000	--	100,000	100,000	--	--	200,000
Total Funds	100,000	--	100,000	100,000	--	--	200,000

(1) Provided by Finance

Project Title:	Boardroom Video/Presentation Enhancement	Department (Name/Dept #): Information Technology - (20111)/20111					CIP #: 7000064	
Description:	Boardroom Video/Presentation Enhancement	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: 1	
		Operational and Maintenance Costs:						
Justification:	Replace old presentation systems as well as some of the old video transmitting equipment in the A/V control room in order to enhance the quality of the boardroom experience for the public.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals		--	--	--	--	--		
Project Allocation		Budget	Budget					Five Year Totals
		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
	Infrastructure - Other - (541403)	100,000	100,000	100,000	100,000	100,000	100,000	500,000
	Total Allocations	100,000	100,000	100,000	100,000	100,000	100,000	500,000
	Reimbursements							
	Total Reimbursement	--	--	--	--	--	--	--
	Source of Funds (1)							
	Revenue Distribution from the Revenue Fund	100,000	100,000	100,000	100,000	100,000	100,000	500,000
	Total Funds	100,000	100,000	100,000	100,000	100,000	100,000	500,000

(1) Provided by Finance

Project Title:	DataLogger	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000067	
Description:	Data Logger	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 2	
Justification:	Data loggers will be installed at all Mainline Gantries. These serve as an auditing tool for Roadway Systems. The data logger ties into our system and uses a video feed showing real-time images of all vehicles traveling through the toll zone.	Operational and Maintenance Costs:					
			FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	
		Totals	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	--	35,000	--	--	--	--	35,000
Software - (531651)	225,000	225,000	--	--	--	--	225,000
Total Allocations	225,000	260,000	--	--	--	--	260,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	225,000	260,000	--	--	--	--	260,000
Total Funds	225,000	260,000	--	--	--	--	260,000

(1) Provided by Finance

Project Title:	National IOP	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000068	
Description:	National IOP	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	National Interoperability Project enables customers to use any toll transponder throughout the United States.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Software - (531651)	800,000	1,200,000	1,200,000	1,200,000	--	--	3,600,000
Total Allocations	800,000	1,200,000	1,200,000	1,200,000	--	--	3,600,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	800,000	1,200,000	1,200,000	1,200,000	--	--	3,600,000
Total Funds	800,000	1,200,000	1,200,000	1,200,000	--	--	3,600,000

(1) Provided by Finance

Project Title:	Multi-Channel Communications - Customer Service Center	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000070	
Description:	Implement various customer contact channels (phone, website, chat and social media).	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 2	
		Operational and Maintenance Costs:					
Justification:	Enhance customer experience by providing various communication channels to customers.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	2,000,000	1,500,000	1,500,000	1,500,000	--	--	4,500,000
Computers - (531641)	500,000	500,000	500,000	500,000	--	--	1,500,000
Software - (531651)	500,000	700,000	700,000	500,000	--	--	1,900,000
Total Allocations	3,000,000	2,700,000	2,700,000	2,500,000	--	--	7,900,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	3,000,000	2,700,000	2,700,000	2,500,000	--	--	7,900,000
Total Funds	3,000,000	2,700,000	2,700,000	2,500,000	--	--	7,900,000

(1) Provided by Finance

Project Title:	LoneStar Module Expansion	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000071	
Description:	LoneStar Module Expansion is a suite of Command Center applications that support traffic status and functions.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 2	
		Operational and Maintenance Costs:					
Justification:	This project covers the configuration and implementation of specific modules.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	100,000	135,000	125,000	--	--	--	260,000
Total Allocations	100,000	135,000	125,000	--	--	--	260,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	100,000	135,000	125,000	--	--	--	260,000
Total Funds	100,000	135,000	125,000	--	--	--	260,000

(1) Provided by Finance

Project Title:	Hyperion Upgrade	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000076		
Description:	Hyperion System Upgrade	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --		
		Operational and Maintenance Costs:						
Justification:	Hyperion is at end of life and needs to be upgraded. This will also allow NTTA to use the current technology when using the application.		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
	Property Management	--	--	--	--	--		
	Totals	--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Consulting/Profess Serv Tech - (521301)	250,000	200,000	--	--	--	--	200,000	
Software - (531651)	50,000	--	--	--	--	--	--	
Total Allocations	300,000	200,000	--	--	--	--	200,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	300,000	200,000	--	--	--	--	200,000	
Total Funds	300,000	200,000	--	--	--	--	200,000	

(1) Provided by Finance

Project Title:	eProcurement	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000081	
Description:	This project is a replacement of the current eBid system. The current solution that is on hold is BuySpeed by Periscope.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	The current eBid system is at end of life for the contract and Procurement is requesting a new replacement system (BuySpeed). Need to verify that Procurement is not duplicating this Budget project.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	250,000	300,000	--	--	--	--	300,000
Software - (531651)	200,000	200,000	--	--	--	--	200,000
Total Allocations	450,000	500,000	--	--	--	--	500,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	450,000	500,000	--	--	--	--	500,000
Total Funds	450,000	500,000	--	--	--	--	500,000

(1) Provided by Finance

Project Title:	NTTA Employee Portal	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000086	
Description:	The employee portal is a replacement website for the internally used Intranet Site.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	The new employee portal will most likely be built using the same processes, templates and technology used for the NTTA.org replacement project.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	--	200,000	--	--	--	--	200,000
Software - (531651)	--	100,000	--	--	--	--	100,000
Total Allocations	--	300,000	--	--	--	--	300,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	--	300,000	--	--	--	--	300,000
Total Funds	--	300,000	--	--	--	--	300,000

(1) Provided by Finance

Project Title:	HR Succession Planning Application	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000106	
Description:	Succession Planning is another module in PeopleSoft HCM that allows senior leaders to map succession planning in the organization.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	HR currently tracks succession planning in spreadsheets. More robust functionality exists in the application.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Software - (531651)	--	100,000	--	--	--	--	100,000
Total Allocations	--	100,000	--	--	--	--	100,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	--	100,000	--	--	--	--	100,000
Total Funds	--	100,000	--	--	--	--	100,000

(1) Provided by Finance

Project Title:	Managed Print Services	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000107		
Description:	Management of all copiers and printers by providing all consumables required to maintain equipment. This will provide secure print capabilities to copiers and printers by authentication using employee ID badges.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --		
		Operational and Maintenance Costs:						
Justification:	It is critical to support the equipment for its availability to our internal and external customers. By providing fully managed equipment to our customers, this will provide new functionality with redundancy for all departments.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals		--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Consulting/Profess Serv Tech - (521301)	310,000	310,000	--	350,000	350,000	--	1,010,000	
Computers - (531641)	180,000	180,000	280,000	200,000	200,000	200,000	1,060,000	
Total Allocations	490,000	490,000	280,000	550,000	550,000	200,000	2,070,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	490,000	490,000	280,000	550,000	550,000	200,000	2,070,000	
Total Funds	490,000	490,000	280,000	550,000	550,000	200,000	2,070,000	

(1) Provided by Finance

Project Title:	Enterprise Content Management System	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000110	
Description:	Solution implementation to store and manage content (documents, images, PDFs, videos etc).	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Store and manage a centralized repository for all documents within the enterprise (NTTA). Document retrieval with search capabilities and retention policies can be implemented and managed effectively.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	--	500,000	500,000	--	--	--	1,000,000
Computers - (531641)	--	300,000	700,000	--	--	--	1,000,000
Software - (531651)	--	500,000	--	--	--	--	500,000
Total Allocations	--	1,300,000	1,200,000	--	--	--	2,500,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	--	1,300,000	1,200,000	--	--	--	2,500,000
Total Funds	--	1,300,000	1,200,000	--	--	--	2,500,000

(1) Provided by Finance

Project Title:	GIS - Mapping Fiber Solutions	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000111	
Description:	Continue to build and scale GIS to meet business demands and support GIS stakeholders by adding NTTA's fiber to the GIS database and enterprise solution.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	GIS will incorporate existing cad and google files into the GIS database. Provide strand mgmt. Replace the current process of storing file based cad and google kml files. Provide a better mapping solution. Support NTTA Strategic goals.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
	Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	--	125,000	--	--	--	--	125,000
Software - (531651)	--	160,000	--	--	--	--	160,000
Total Allocations	--	285,000	--	--	--	--	285,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	--	285,000	--	--	--	--	285,000
Total Funds	--	285,000	--	--	--	--	285,000

(1) Provided by Finance

Project Title:	Contract Management System	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000112	
Description:	Funds will be used to implement a contract management system that replaces the current manual monitoring of contracts by Procurement.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 2	
		Operational and Maintenance Costs:					
Justification:	Current manual processes are cumbersome and not efficient. New system will automate the contract management workflow and allow of better tracking of all contracts.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Consulting/Profess Serv Tech - (521301)		--	400,000	200,000	--	--	--
Software - (531651)		--	150,000	100,000	--	--	--
Total Allocations		--	550,000	300,000	--	--	--
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		--	550,000	300,000	--	--	--
Total Funds		--	550,000	300,000	--	--	--

(1) Provided by Finance

Project Title:	Diversity Management Application	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000113	
Description:	Early Morning Software replacement + new Board reports	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	Replacement for Prism		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Consulting/Profess Serv Tech - (521301)		--	240,000	--	--	--	240,000
Software - (531651)		--	60,000	--	--	--	60,000
Total Allocations		--	300,000	--	--	--	300,000
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		--	300,000	--	--	--	300,000
Total Funds		--	300,000	--	--	--	300,000

(1) Provided by Finance

Project Title:	CCURE/ServiceNow Interface	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000115	
Description:	New interface will allow for initiation of on-boarding and off-boarding of employees in ServiceNow with updates to CCURE system of record.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	Streamline employee & consultant on-boarding and off-boarding process for Service Desk	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
Project Allocation		Budget	Budget				Five Year Totals
		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Consulting/Profess Serv Tech - (521301)		--	20,000	--	--	--	20,000
Software - (531651)		--	10,000	--	--	--	10,000
Total Allocations		--	30,000	--	--	--	30,000
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		--	30,000	--	--	--	30,000
Total Funds		--	30,000	--	--	--	30,000

(1) Provided by Finance

Project Title:	Backup System	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000116	
Description:	This fund will be used to enhance capabilities for the backup system including replacement.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	It is critical to stay current with evolving technologies to enhance backup operations.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Computers - (531641)		--	100,000	100,000	--	--	200,000
Software - (531651)		--	800,000	400,000	--	--	1,200,000
Total Allocations		--	900,000	500,000	--	--	1,400,000
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		--	900,000	500,000	--	--	1,400,000
Total Funds		--	900,000	500,000	--	--	1,400,000

(1) Provided by Finance

Project Title:	Lane System Upgrade	Department (Name/Dept #): Information Technology - (20111)/20111					CIP #: 7000117	
Description:	This fund will be used to upgrade and replace lane systems at the roadway.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: --	
		Operational and Maintenance Costs:						
Justification:	It is critical to stay current with evolving technologies to enhance roadway operations.		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
	Property Management	--	--	--	--	--		
	Totals	--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Consulting/Profess Serv Tech - (521301)	--	350,000	500,000	1,500,000	500,000	500,000	3,350,000	
Computers - (531641)	--	400,000	--	--	25,000,000	25,000,000	50,400,000	
Total Allocations	--	750,000	500,000	1,500,000	25,500,000	25,500,000	53,750,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	--	750,000	500,000	1,500,000	25,500,000	25,500,000	53,750,000	
Total Funds	--	750,000	500,000	1,500,000	25,500,000	25,500,000	53,750,000	

(1) Provided by Finance

Project Title:	Windows Server Upgrade	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7001252	
Description:	Upgrade software and patches on the Window computers in the data-center.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Microsoft windows server software needs to meet compliance needs. The effort will require Microsoft server engineer resource.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Computers - (531641)		2,000,000	2,000,000	600,000	300,000	300,000	300,000
Total Allocations		2,000,000	2,000,000	600,000	300,000	300,000	300,000
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		2,000,000	2,000,000	600,000	300,000	300,000	300,000
Total Funds		2,000,000	2,000,000	600,000	300,000	300,000	300,000

(1) Provided by Finance

Project Title:	Command Center	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7001253	
Description:	Enhance or add to the Radio Communications System used by the Safety Operations Center (SOC)	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	Upgrade of our Command Center radio and recording infrastructure to meet the Authority's needs and provide a supportable system capable of handling the future needs of our customers.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Consulting/Profess Serv Tech - (521301)	100,000	100,000	100,000	75,000	100,000	--	375,000
Computers - (531641)	300,000	300,000	300,000	200,000	300,000	--	1,100,000
Software - (531651)	250,000	250,000	250,000	200,000	250,000	--	950,000
Total Allocations	650,000	650,000	650,000	475,000	650,000	--	2,425,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	650,000	650,000	650,000	475,000	650,000	--	2,425,000
Total Funds	650,000	650,000	650,000	475,000	650,000	--	2,425,000

(1) Provided by Finance

Project Title:	Windows SQL Server Upgrade	Department (Name/Dept #): Information Technology - (20111)/20111					CIP #: 7001255	
Description:	Upgrade SQL database environments to a supportable/compatible version.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: 1	
		Operational and Maintenance Costs:						
Justification:	SQL Server databases and associated applications will need an upgrade to meet software compliance needs.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals		--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Computers - (531641)		--	--	250,000	200,000	--	--	450,000
Total Allocations		--	--	250,000	200,000	--	--	450,000
Reimbursements								
Total Reimbursement		--	--	--	--	--	--	--
Source of Funds (1)								
Revenue Distribution from the Revenue Fund		--	--	250,000	200,000	--	--	450,000
Total Funds		--	--	250,000	200,000	--	--	450,000

(1) Provided by Finance

Project Title:	Systemwide CIF Projects - Roadway	Department (Name/Dept #): Project Delivery - (20511)/20511					CIP #: 1000431	
Description:	Major roadway rehabilitation or extensions.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: --	
		Operational and Maintenance Costs:						
Justification:	To maintain NTTA assets at or above the Board approved level of quality. Projects must be performed at the "right time" to extend the useful life of the asset.		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
		Totals	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
General Engineering - (521213)	228,000	228,000	228,000	228,000	253,500	253,500	1,191,000	
Infrastructure Rdway/Hwy/Bridg - (541401)	11,302,000	3,150,000	13,930,288	550,000	--	--	17,630,288	
Total Allocations	11,530,000	3,378,000	14,158,288	778,000	253,500	253,500	18,821,288	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	11,530,000	3,378,000	14,158,288	778,000	253,500	253,500	18,821,288	
Total Funds	11,530,000	3,378,000	14,158,288	778,000	253,500	253,500	18,821,288	

(1) Provided by Finance

Project Title:	PGBT Continuous Illumination Study/Construction	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2000005		
Description:	Engineering cost to study, design and construct continuous illumination along PGBT.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --		
		Operational and Maintenance Costs:						
Justification:	Schedule; Design: 2019-2020 Construction: 2021-2024 Closeout: 2024		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
			Property Management	--	--	--	--	
		Totals	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Administration (01)	--	500,000	675,000	775,000	800,000	800,000	3,550,000	
Design (03)	--	3,940,564	1,701,060	150,000	150,000	100,000	6,041,624	
Construction (04)	--	--	--	21,586,778	23,626,424	23,174,675	68,387,877	
Total Allocations	--	4,440,564	2,376,060	22,511,778	24,576,424	24,074,675	77,979,501	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	--	4,440,564	2,376,060	22,511,778	24,576,424	24,074,675	77,979,501	
Total Funds	--	4,440,564	2,376,060	22,511,778	24,576,424	24,074,675	77,979,501	

(1) Provided by Finance

Project Title:	PGBT Widening	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2000417	
Description:	Limits: SH 183 to I-30 - 1 additional lane I-30 to I-20 - 2 additional lanes	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Limits: 1-35E to DNT Const 2017-2019; OTT 2019 US 75 to SH 78 Const: 2017-2018; OTT 2018 N. of Beltline to I-35E Design 2017-2018; Const: mid 2019-2021; OTT 2021 I-20 to SH 183; Design: 2018-2019 Const; 2019- 2021 OTT 2022		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Administration (01)	1,424,739	1,300,000	1,150,000	1,000,000	800,000	--	4,250,000
Planning (02)	369,566	--	--	--	--	--	--
Design (03)	3,217,146	1,322,281	90,000	75,000	30,000	--	1,517,281
Construction (04)	26,632,204	32,394,312	29,451,478	20,142,000	12,350,000	--	94,337,790
Equipment/Hardware (05)	--	229,029	338,290	--	--	--	567,319
Total Allocations	31,643,655	35,245,622	31,029,768	21,217,000	13,180,000	--	100,672,390
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	31,643,655	35,245,622	31,029,768	21,217,000	13,180,000	--	100,672,390
Total Funds	31,643,655	35,245,622	31,029,768	21,217,000	13,180,000	--	100,672,390

(1) Provided by Finance

Project Title:	Systemwide CIF Projects - Walls	Department (Name/Dept #): Project Delivery - (20511)/20511					CIP #: 2000430	
Description:	Retaining and screening wall repair and replacement projects. Projects include items such as MSE wall failing sections and wall stabilization.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: --	
		Operational and Maintenance Costs:						
Justification:	To maintain NTTA assets at or above the Board-approved level of quality and ultimately for the safety of NTTA's customers.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals		--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Infrastructure Rdway/Hwy/Bridg - (541401)		10,400,000	29,300,000	23,300,000	10,600,000	12,500,000	12,500,000	88,200,000
Total Allocations		10,400,000	29,300,000	23,300,000	10,600,000	12,500,000	12,500,000	88,200,000
Reimbursements								
		--	27,000,000	--	--	--	--	27,000,000
Total Reimbursement		--	27,000,000	--	--	--	--	27,000,000
Source of Funds (1)								
Revenue Distribution from the Revenue Fund		10,400,000	2,300,000	23,300,000	10,600,000	12,500,000	12,500,000	61,200,000
Total Funds		10,400,000	2,300,000	23,300,000	10,600,000	12,500,000	12,500,000	61,200,000

(1) Provided by Finance

Project Title:	DNT 4th Lane (PGBT to SRT)	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2100003	
Description:	Limits: DNT Improvements from Parker to SRT, adds an additional lane in each direction to DNT.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 2	
		Operational and Maintenance Costs:					
Justification:	Project is needed to alleviate traffic congestion along DNT. Construction: 2015 to early 2018, OTT: 2018		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Administration (01)	350,000	75,000	50,000	--	--	--	125,000
Construction (04)	7,000,000	750,000	300,000	--	--	--	1,050,000
Equipment/Hardware (05)	24,000	--	--	--	--	--	--
Total Allocations	7,374,000	825,000	350,000	--	--	--	1,175,000
Reimbursements							
City of Plano	673,868	--	--	--	--	--	--
Total Reimbursement	673,868	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	6,700,132	825,000	350,000	--	--	--	1,175,000
Total Funds	6,700,132	825,000	350,000	--	--	--	1,175,000

(1) Provided by Finance

Project Title:	DNT Improvements at DNT/PGBT Interchange	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2100004	
Description:	Limits: DNT/PGBT Interchange Reconfigure existing direct connector ramps north of DNT/PGBT interchange.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 2	
		Operational and Maintenance Costs:					
Justification:	Project is needed to alleviate traffic weaving congestion at DNT/PGBT interchange. Schedule: Construction: 2015 to early 2018, OTT: Early 2018		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Right-of-Way (06)	60,000	60,000	--	--	--	--	60,000
Administration (01)	325,000	50,000	50,000	--	--	--	100,000
Design (03)	243,274	--	--	--	--	--	--
Construction (04)	4,000,000	100,000	250,000	--	--	--	350,000
Equipment/Hardware (05)	258,610	--	--	--	--	--	--
Other (176999)	268,707	--	--	--	--	--	--
Total Allocations	5,155,591	210,000	300,000	--	--	--	510,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	5,155,591	210,000	300,000	--	--	--	510,000
Total Funds	5,155,591	210,000	300,000	--	--	--	510,000

(1) Provided by Finance

Project Title:	DNT Phase 4B (Segment 6)	Department (Name/Dept #): Project Delivery - (20511)/20511					CIP #: 2100008	
Description:	Limits: FM 428 to Grayson County. Assumes approximately 6.8 miles of 6 main-lanes.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: --	
		Operational and Maintenance Costs:						
Justification:	-Build northbound and southbound main-lanes. Schedule: Planning 2020-2022, Design 2022-2025		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
		Totals	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Administration (01)	--	--	350,000	400,000	1,800,000	2,500,000	5,050,000	
Planning (02)	--	--	850,000	1,000,000	150,000	--	2,000,000	
Design (03)	--	--	--	--	12,951,394	16,271,930	29,223,324	
Total Allocations	--	--	1,200,000	1,400,000	14,901,394	18,771,930	36,273,324	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	--	--	1,200,000	1,400,000	14,901,394	18,771,930	36,273,324	
Total Funds	--	--	1,200,000	1,400,000	14,901,394	18,771,930	36,273,324	

(1) Provided by Finance

Project Title:	DNT Capacity/Corridor Improvements Study	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2100012	
Description:	General engineering cost to study possible capacity improvements for the DNT from I-35E to Grayson County.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Study for safety, capacity and other operational enhancements.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023
Planning (02)		1,000,000	500,000	1,000,000	1,000,000	--	--
Total Allocations		1,000,000	500,000	1,000,000	1,000,000	--	--
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		1,000,000	500,000	1,000,000	1,000,000	--	--
Total Funds		1,000,000	500,000	1,000,000	1,000,000	--	--

(1) Provided by Finance

Project Title:	DNT Phase 4A	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2100013	
Description:	Limits: DNT from north of U.S. 380 to south of FM 428. Assumes approximately 5.6 miles of 6 mainlanes.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Build northbound and southbound mainlanes. Schedule: Planning 2019-2020; Design 2020-2022; Construction 2023-2025; OTT 2026.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Right-of-Way (06)	--	--	--	--	--	3,000,000	3,000,000
Administration (01)	--	350,000	1,000,000	1,200,000	1,300,000	1,500,000	5,350,000
Planning (02)	--	650,000	4,086,000	--	--	--	4,736,000
Design (03)	--	--	1,914,000	8,800,000	12,700,000	500,000	23,914,000
Construction (04)	--	--	--	--	--	70,500,000	70,500,000
Other (176999)	--	--	--	--	--	4,500,000	4,500,000
Total Allocations	--	1,000,000	7,000,000	10,000,000	14,000,000	80,000,000	112,000,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	--	1,000,000	7,000,000	10,000,000	14,000,000	80,000,000	112,000,000
Total Funds	--	1,000,000	7,000,000	10,000,000	14,000,000	80,000,000	112,000,000

(1) Provided by Finance

Project Title:	DNT Segment 1 Design Guidelines Implementation	Department (Name/Dept #): Project Delivery - (20511)/20511					CIP #: 2100310	
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.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: 3	
		Operational and Maintenance Costs:						
Justification:	This segment of DNT requires improvements that comply with the board adopted NTTA Design Guidelines promoting corridor consistency. Schedule: Design: 2018- 2021. Construction: 2019-2022		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
	Property Management	--	--	--	--	--		
	Totals	--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Right-of-Way (06)	114,413	--	--	--	--	--	--	
Administration (01)	369,605	370,000	350,000	375,000	750,000	50,000	1,895,000	
Design (03)	1,887,852	--	1,478,317	409,534	--	--	1,887,851	
Construction (04)	3,000,000	2,458,000	1,042,000	5,860,849	15,359,251	72,559	24,792,659	
Total Allocations	5,371,870	2,828,000	2,870,317	6,645,383	16,109,251	122,559	28,575,510	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	5,371,870	2,828,000	2,870,317	6,645,383	16,109,251	122,559	28,575,510	
Total Funds	5,371,870	2,828,000	2,870,317	6,645,383	16,109,251	122,559	28,575,510	

(1) Provided by Finance

Project Title:	SRT Continuous Illumination Study/Construction	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2500004		
Description:	Engineering cost to study, design and construct continuous illumination along the Sam Rayburn Tollway	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --		
		Operational and Maintenance Costs:						
Justification:	Schedule; Design: Late 2020-2022 Construction: Mid 2022- 2025		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
	Property Management	--	--	--	--	--		
	Totals	--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Administration (01)	--	--	150,000	375,000	475,000	575,000	1,575,000	
Design (03)	--	--	660,370	1,778,591	290,189	25,000	2,754,150	
Construction (04)	--	--	--	--	6,575,717	13,861,606	20,437,323	
Total Allocations	--	--	810,370	2,153,591	7,340,906	14,461,606	24,766,473	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	--	--	810,370	2,153,591	7,340,906	14,461,606	24,766,473	
Total Funds	--	--	810,370	2,153,591	7,340,906	14,461,606	24,766,473	

(1) Provided by Finance

Project Title:	360 Tollway	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2900000	
Description:	Limits: Green Oaks to US 287. Stage constructed - two mainlanes in each direction with remaining frontage roads.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	Per ILA, TxDOT will design & stage construction of mainlanes & add'l frontage roads. NTTA to provide oversight during design/build process. Schedule: Design & construction 2015-2018. NTTA to purchase & install tolling equipment; reimbursement by TxDOT.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Administration (01)	100,000	10,000	--	--	--	--	10,000
Equipment/Hardware (05)	876,400	--	--	--	--	--	--
Total Allocations	976,400	10,000	--	--	--	--	10,000
Reimbursements							
TxDOT	876,400	--	--	--	--	--	--
Total Reimbursement	876,400	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	100,000	10,000	--	--	--	--	10,000
Total Funds	100,000	10,000	--	--	--	--	10,000

(1) Provided by Finance

Project Title:	PGBT East Branch	Department (Name/Dept #): Project Delivery - (20511)/20511					CIP #: 3000000	
Description:	Limits: I-30 to I-20 Approximately 11.2 miles	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: --	
		Operational and Maintenance Costs:						
Justification:	Schedule: Planning by TxDOT thru Mid 2022: ROW & Design Late 2021 - 2026		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
		Totals	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Right-of-Way (06)	--	--	--	--	--	2,000,000	2,000,000	
Administration (01)	--	--	--	175,000	300,000	500,000	975,000	
Planning (02)	--	--	--	250,000	--	--	250,000	
Design (03)	--	--	--	825,000	9,700,000	14,500,000	25,025,000	
Total Allocations	--	--	--	1,250,000	10,000,000	17,000,000	28,250,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	--	--	--	1,250,000	10,000,000	17,000,000	28,250,000	
Total Funds	--	--	--	1,250,000	10,000,000	17,000,000	28,250,000	

(1) Provided by Finance

Project Title:	PGBT/360T Connector	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 3900001	
Description:	Limits: Direct connector from PGBT (south of Mayfield Road) to 360 Tollway (north of Camp Wisdom Road)	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Provide direct access from PGBT to 360 Tollway.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
Project Allocation		Budget FY2018	Budget FY2019	Budget FY2020	Budget FY2021	Budget FY2022	Budget FY2023
		Five Year Totals FY2019 - FY2023					
Administration (01)		--	142,300	250,000	450,000	450,000	2,000,000
Planning (02)		--	857,700	750,000	1,550,000	1,550,000	--
Construction (04)		--	--	--	--	--	16,500,000
Total Allocations		--	1,000,000	1,000,000	2,000,000	2,000,000	18,500,000
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		--	1,000,000	1,000,000	2,000,000	2,000,000	18,500,000
Total Funds		--	1,000,000	1,000,000	2,000,000	2,000,000	18,500,000

(1) Provided by Finance

Project Title:	DNT Improvements (I-635 to PGBT)	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 700055	
Description:	Limits: I-635 to PGBT Addition of fourth lane between Belt Line Road & PGBT. Relocation of existing illumination from center barrier to outside shoulders. Asphalt overlay from Harvest Hill to Haverwood.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	Schedule: Construction: 2016 to early 2018, OTT: Late 2017		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Administration (01)	175,000	--	--	--	--	--	--
Construction (04)	2,856,727	--	--	--	--	--	--
Total Allocations	3,031,727	--	--	--	--	--	--
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	3,031,727	--	--	--	--	--	--
Total Funds	3,031,727	--	--	--	--	--	--

(1) Provided by Finance

Project Title:	Chisholm Trial Parkway South 2-Lanes	Department (Name/Dept #): Project Delivery - (20511)/20511					CIP #: 7200001	
Description:	Limits: Southbound main-lanes from south of FM 1187 to U.S. 67.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: --	
		Operational and Maintenance Costs:						
Justification:	Build 2 southbound main-lanes. Schedules: Planning 2020 - 2021, Design 2022 - 2025		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
	Property Management	--	--	--	--	--		
	Totals	--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Administration (01)	--	--	350,000	950,000	1,000,000	1,000,000	3,300,000	
Planning (02)	--	--	1,650,000	1,225,000	--	--	2,875,000	
Design (03)	--	--	--	4,825,000	7,000,000	7,000,000	18,825,000	
Total Allocations	--	--	2,000,000	7,000,000	8,000,000	8,000,000	25,000,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	--	--	2,000,000	7,000,000	8,000,000	8,000,000	25,000,000	
Total Funds	--	--	2,000,000	7,000,000	8,000,000	8,000,000	25,000,000	

(1) Provided by Finance

Project Title:	Systemwide CIF Projects	Department (Name/Dept #): System & Incdnt Mngmt - (20611)/20611					CIP #: 1000431	
Description:	Traffic engineering professional services, systemwide traffic safety & flow improvements, DNT exit to Mockingbird improvement, traffic sensors (MVD) deployment and roadway NTTA radio channel.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: --	
		Operational and Maintenance Costs:						
Justification:	Projects to increase safety and efficiencies for roadway crews and customers; improve the flow of traffic during incidents and construction.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals		--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation		FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Traffic Engineering Fees - (521207)		750,000	750,000	750,000	750,000	750,000	750,000	3,750,000
Infrastructure Rdway/Hwy/Bridg - (541401)		2,400,000	2,500,000	6,100,000	8,100,000	10,400,000	3,750,000	30,850,000
Infrastructure - Other - (541403)		100,000	225,000	225,000	225,000	225,000	225,000	1,125,000
Total Allocations		3,250,000	3,475,000	7,075,000	9,075,000	11,375,000	4,725,000	35,725,000
Reimbursements								
Total Reimbursement		--	--	--	--	--	--	--
Source of Funds (1)								
Revenue Distribution from the Revenue Fund		3,250,000	3,475,000	7,075,000	9,075,000	11,375,000	4,725,000	35,725,000
Total Funds		3,250,000	3,475,000	7,075,000	9,075,000	11,375,000	4,725,000	35,725,000

(1) Provided by Finance

MCLB Improvements

Cleaning the median
and drilling for the
reinforce steel bars



CONSTRUCTION PROJECTS

DNT Improvement Projects:

Night crews installing
guardrail on the
northbound Legacy
Dr. exit ramp

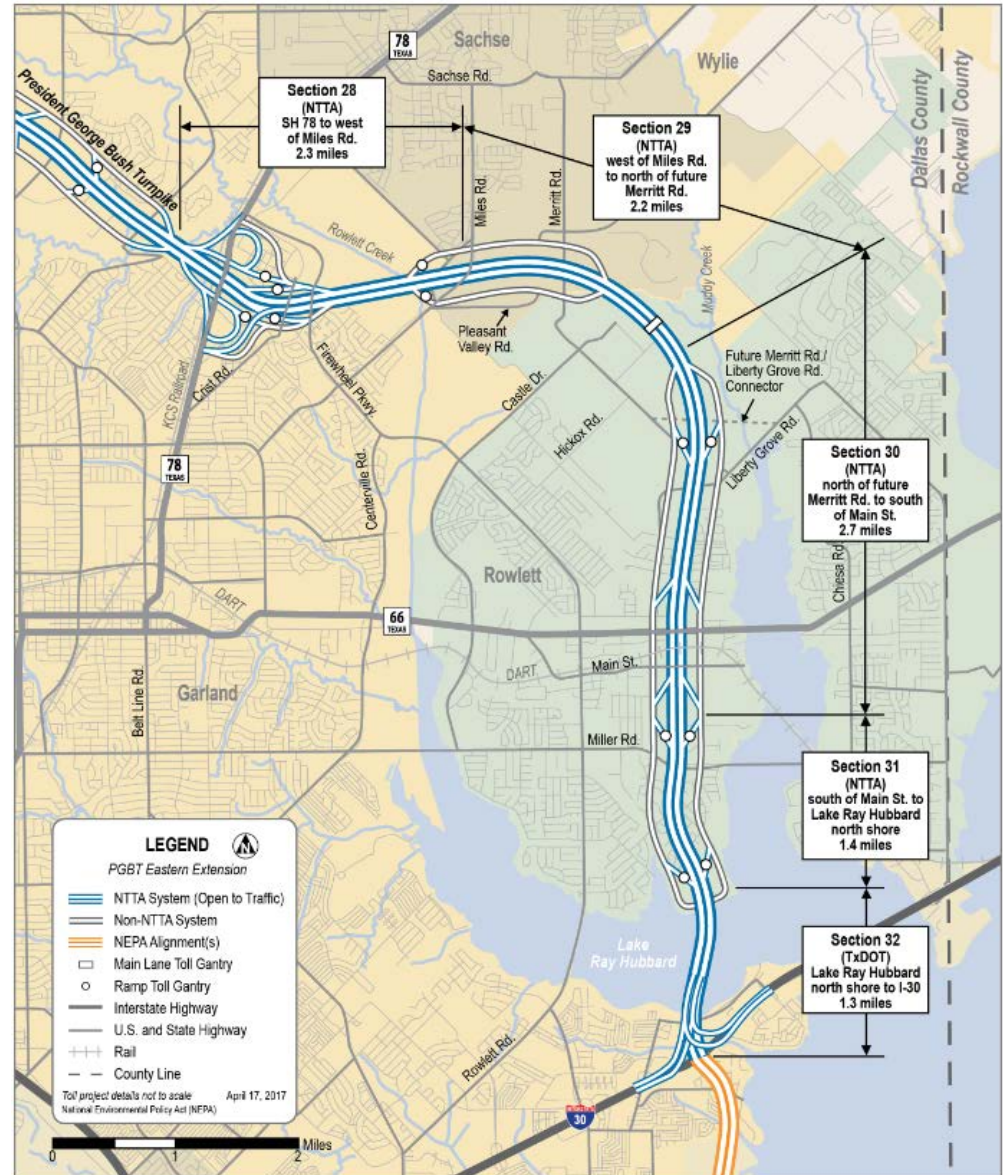


Construction Projects

These projects are currently under construction or being planned for construction using NTTA System bond proceeds and are considered part of the NTTA System, as defined in the Trust Agreement. Upon completion, the projects will share their operation and maintenance costs with the System.

PRESIDENT GEORGE BUSH TURNPIKE EASTERN EXTENSION

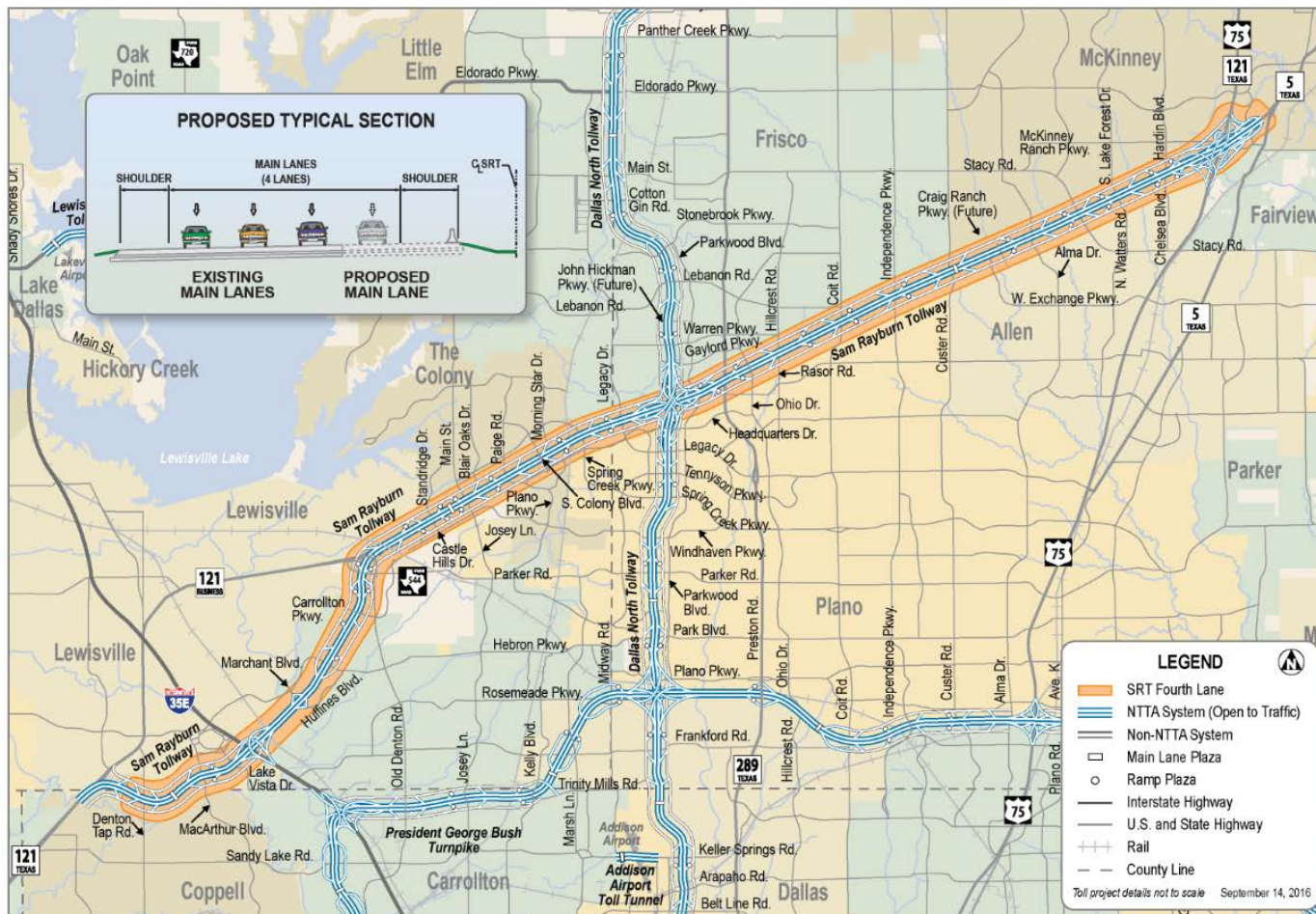
The Eastern Extension is a portion of the outer loop around Dallas and its suburbs that connects I-30 to the existing PGBT. The project was completed in late FY2012 with only minor cost in FY2019 of \$1.9 million for right-of-way obligations.



Construction Projects (continued)

SAM RAYBURN TOLLWAY FOURTH LANE (WIDENING) PROJECT

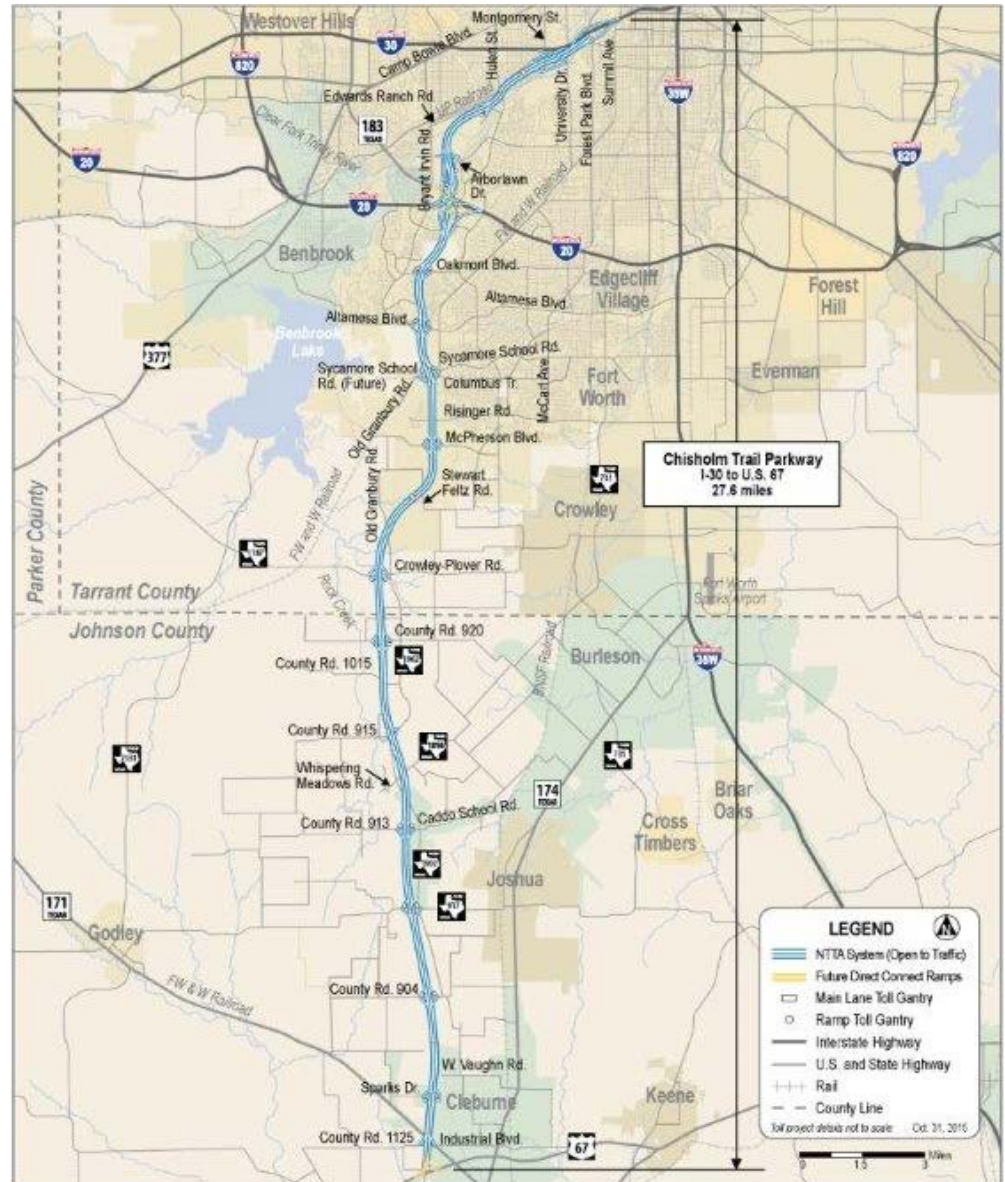
The SRT is an approximately 26-mile long tollway. The first segment of the toll road opened to traffic in FY2008 and the last segment opened in November 2011. Improvements to the project include constructing an additional lane in each direction, in the center median, along the entire 26-miles, from west of Denton Tap Road to U.S. 75. Ramp improvements will also be made between the Dallas North Tollway (DNT) and Preston Road. Construction begin in early FY2019; scheduled open to traffic in FY2021. The FY2019 - FY2023 Capital Plan includes \$185.2 million for this project. The total project construction costs are estimated at \$199.5 million.



Construction Projects (continued)

CHISHOLM TRAIL PARKWAY

Chisholm Trail Parkway, a 28-mile toll road, is a limited-access toll road in southwest Tarrant and northwest Johnson counties. It extends from Fort Worth's Central Business District to southwest Fort Worth and south to Cleburne. CTP provides an alternate north-south route for I-35W. CTP opened to traffic in May 2014. The FY2019 – FY2023 Capital Plan includes approximately \$0.8 million for completion and finish out work for the project.





Construction Fund - (3700) - Project List FY2019 - FY2023 CAPITAL PLAN

Department	Project	Estimated FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	Five Year Total FY2019 - FY2023
Project Delivery - (20511)	2000410 - PGBTEE	\$1,850,090	\$0	\$0	\$0	\$0	\$0	\$0
Project Delivery - (20511)	2100008 - DNT PH4B (Southbound Frontage Road)	6,608,015	9,955,027	9,731,643	4,169,636	0	0	23,856,306
Project Delivery - (20511)	2500003 - SRT Widening	30,538,225	54,885,603	59,733,831	60,547,141	9,894,649	132,150	185,193,374
Project Delivery - (20511)	6200000 - CTP	3,480,000	856,000	0	0	0	0	856,000
	Project Delivery - (20511) Total	42,476,330	65,696,630	69,465,474	64,716,777	9,894,649	132,150	209,905,680
Totals		\$42,476,330	\$65,696,630	\$69,465,474	\$64,716,777	\$9,894,649	\$132,150	\$209,905,680

FY2018 Carryover Projects and Adjustments

Project Delivery - (20511)	2000410 - PGBTEE	(1,850,090)	1,868,450	0	0	0	0	1,868,450
Project Delivery - (20511)	2500003 - SRT Widening	150,000	0	0	0	0	0	\$0
Totals		(\$1,700,090)	\$1,868,450	\$0	\$0	\$0	\$0	\$1,868,450
Total FY2019 - FY2023 Construction Project Costs		\$40,776,240	\$67,565,080	\$69,465,474	\$64,716,777	\$9,894,649	\$132,150	\$211,774,130

Report contains only project costs.

Changes to projects are color coded. Amounts must be added for total project cost.

Project Delivery - (20511)	2000410 - PGBTEE	0	1,868,450	See page 122.
Project Delivery - (20511)	2500003 - SRT Widening	30,688,225	54,885,603	See page 124.

Project Title:	PGBT EE	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2000410	
Description:	Limits: SH 78 to IH- 30. Approx 9.9 miles. Six main lanes & intermittent three lane frontage roads.	Roadway (Name/Fund #): PGBT EE Construction Fund - (3722)/3722				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Right-of-way transfers with corridor cities & TxDOT per project agreements. GEC bond reporting. Completion of LOMR with FEMA and city of Rowlett.		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	
		Totals	--	--	--	--	
	Budget	Budget	Budget	Budget	Budget	Budget	Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Right-of-Way (06)	--	1,688,000	--	--	--	--	1,688,000
Administration (01)	100,000	141,000	--	--	--	--	141,000
Design (03)	62,090	39,450	--	--	--	--	39,450
Total Allocations	162,090	1,868,450	--	--	--	--	1,868,450
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	162,090	1,868,450	--	--	--	--	1,868,450
Total Funds	162,090	1,868,450	--	--	--	--	1,868,450

(1) Provided by Finance

Project Title:	DNT Phase 4B (Southbound Frontage Road)	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2100008	
Description:	Approx. 8 miles; two lane frontage road from FM 428 to north of Denton County line.	Roadway (Name/Fund #): General Construction Fund - (3714)/3714				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	Design & Construction of DNT Phase 4B frontage road in Denton & Collin counties. Costs are reimbursed by Denton County. Schedule: Design 2016-2018; Constr. mid 2019-2021; OTT 2021		FY2019	FY2020	FY2021	FY2022	FY2023
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	
		Totals	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Right-of-Way (06)	100,000	100,000	--	--	--	--	100,000
Administration (01)	510,000	450,000	375,000	50,000	--	--	875,000
Design (03)	118,366	427,714	67,714	4,571	--	--	499,999
Construction (04)	4,879,649	8,047,626	9,288,929	4,115,065	--	--	21,451,620
Other (176999)	1,000,000	929,687	--	--	--	--	929,687
Total Allocations	6,608,015	9,955,027	9,731,643	4,169,636	--	--	23,856,306
Reimbursements							
	6,608,015	9,955,027	9,731,643	4,169,636	--	--	23,856,306
Total Reimbursement	6,608,015	9,955,027	9,731,643	4,169,636	--	--	23,856,306
Source of Funds (1)							
Total Funds	--	--	--	--	--	--	--

(1) Provided by Finance

Project Title:	Sam Rayburn Tollway Widening	Department (Name/Dept #): Project Delivery - (20511)/20511					CIP #: 2500003	
Description:	Limits: Denton Tap Rd to US 75; adds an additional lane in each direction to SRT.	Roadway (Name/Fund #): Sam Ray Toll Const Fund(SH121) - (3751)/3751					Purpose Priority: 1	
		Operational and Maintenance Costs:						
Justification:	Needed to alleviate traffic congestion along the SRT. Design: 2017 - 2018, Construction: 2018 - 2021, OTT: 2021		FY2019	FY2020	FY2021	FY2022	FY2023	
		Personnel	--	--	--	--	--	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
	Property Management	--	--	--	--	--	--	
	Totals	--	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023	
Administration (01)	1,600,000	1,856,000	1,750,000	1,750,000	550,000	75,000	5,981,000	
Planning (02)	249,711	--	--	--	--	--	--	
Design (03)	4,450,000	98,712	98,712	79,439	4,434	--	281,297	
Construction (04)	24,388,514	52,555,891	57,295,119	58,460,546	9,340,215	57,150	177,708,921	
Equipment/Hardware (05)	--	375,000	590,000	257,156	--	--	1,222,156	
Total Allocations	30,688,225	54,885,603	59,733,831	60,547,141	9,894,649	132,150	185,193,374	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Bond Proceeds	25,988,595	--	--	--	--	--	--	
Transfer from Capital Improvement Fund	4,699,630	54,885,603	59,733,831	60,547,141	9,894,649	132,150	185,193,374	
Total Funds	30,688,225	54,885,603	59,733,831	60,547,141	9,894,649	132,150	185,193,374	

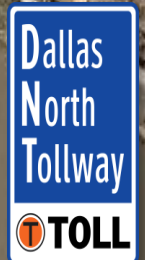
(1) Provided by Finance

Project Title:	Chisholm Trail Parkway Construction	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 6200000	
Description:	Aprox. 27.7 miles - IH 30 to US 67. IH 30 to Altamesa - six mainlanes. Altamesa to FM 1187 - four mainlanes. FM 1187 to US 67 - two mainlanes.	Roadway (Name/Fund #): CTP Construction Fund - (3781)/3781				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	This plan assumes; ROW acquisition, design, and construction of cul-de-sacs on Old Granbury Rd. per agreement with Tarrant County. Construction project closeout. GEC trust reporting.	Personnel	FY2019	FY2020	FY2021	FY2022	FY2023
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals	--	--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2018	FY2019	FY2020	FY2021	FY2022	FY2023	FY2019 - FY2023
Right-of-Way (06)	500,000	500,000	--	--	--	--	500,000
Administration (01)	390,000	266,000	--	--	--	--	266,000
Design (03)	90,000	90,000	--	--	--	--	90,000
Construction (04)	2,500,000	--	--	--	--	--	--
Total Allocations	3,480,000	856,000	--	--	--	--	856,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Bond Proceeds	3,480,000	856,000	--	--	--	--	856,000
Total Funds	3,480,000	856,000	--	--	--	--	856,000

(1) Provided by Finance

DNT Improvement Projects:

Placing concrete for
sidewalks and ramps
at the southeast
corner of Dallas and
Tennyson Parkway.



APPENDICES

MCLB Improvements

Cleaning the median
and drilling for the
reinforce steel bars



Appendix A - Index of Detail Pages

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Appendix B - FY2019 Capital Plan Budget Calendar

Date	Event
April 17, 2018 (Tuesday)	Executive Director's FY2019 Assistant Executive Directors Budget Meeting to discuss budget priorities and overall direction for the Five-Year Capital Plan
April 19, 2018 (Thursday)	Budget Kickoff Meeting with Department Directors
April 19 - June 1, 2018	Individual departments update or create Project Request Forms
May 3, 2018 (Thursday)	Board Budget Workshop
June 1, 2018 (Friday)	Project Request Forms due to Financial Planning and Analysis (FP&A)
June 11, 2018 (Monday)	Five-Year Capital Plan distributed to Executive Management for review
June 12 - June 22, 2018	Departmental meetings with Executive Management and FP&A
July 6, 2018 (Friday)	Review by Executive Management completed
July 6 - July 20, 2018	Capital Plan book created by FP&A
August 3, 2018 (Friday)	Capital Plan book Review by Executive Management completed
September 28, 2018 (Friday)	Five-Year Capital Plan book delivered to Board Members
October 4, 2018 (Thursday)	Finance and Audit Committee Five-Year Capital Plan First Review
October 4 - Oct. 26, 2018	Incorporate any updates to CP
November 1, 2018 (Thursday)	Finance and Audit Committee Five-Year Capital Plan Second Review
November 21, 2018 (Wednesday)	Board Meeting Five-Year Capital Plan Approved
Assumes Thursday Committee Meetings and Wednesday Board Meetings	
Board events highlighted in blue	

Appendix C – 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, Capital Improvement Fund, Construction Fund and Feasibility Study Fund, which is approved by the NTTA Board of Directors in a resolution.

CAPITAL PLAN PROCESS

Capital plan projects are classified into five categories: Reserve Maintenance Projects, Capital Improvement Projects, NTTA System Construction Projects and Corridors Under Study (see Project Type and Funding Source, page 17). Each year, individual departments use the Hyperion budget module to complete project request forms for new projects or update the previous year projects to revise 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 Budget and Compliance Division (BCD) creates project lists for the five project categories and creates summary reports. In addition, BCD staff updates the long term financial plan schedules. The forms, lists, reports, and schedules are compiled to create the Five-Year Capital Plan Project Requests Book, which is delivered to the executive management team for review and approval.

Any changes from the review and approval process are incorporated into BCD reports, and the Five-Year Capital Plan book is created. The Capital Plan is presented to the NTTA Board of Directors' Finance and Audit Committee for review and recommendation. Upon Finance and Audit Committee 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 C – Capital Plan Process (continued)

Reserve Maintenance Fund is required to maintain a reserve balance of \$5 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 million as the reserve in the Capital Improvement Fund. In FY2018 an additional transfer of \$25 million was done to bring the reserve to a total of \$75.0 million. 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 C – Capital Plan Process

CAPITAL PLAN PROCESS FLOW



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 \$886.7 million or 93.6% of the total estimated revenue in the FY2019 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.

The Authority's traffic and toll revenue estimates are provided by independent traffic and revenue engineers, currently CDM Smith. 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 4.8% per year between FY2019 and FY2023.

Roadway	Estimated NTTA System Annual Toll Revenue				
	FY2019	FY2020	FY2021	FY2022	FY2023
DNT	\$274,928,600	\$286,863,200	\$298,955,300	\$314,056,500	\$327,496,100
PGBT	279,185,500	289,852,100	304,287,100	319,808,900	334,671,300
AATT	1,295,200	1,342,200	1,398,700	1,458,000	1,516,800
MCLB	1,649,600	1,706,500	1,768,500	1,845,100	1,913,500
LLTB	9,081,900	9,572,900	9,999,300	10,450,900	10,931,900
SRT	202,695,700	210,095,400	218,516,700	231,043,300	243,266,200
PGBT WE	59,720,800	64,735,500	71,568,700	79,587,700	85,220,500
CTP	58,098,800	60,885,000	64,666,900	68,965,900	73,505,400
System Totals	\$886,656,100	\$925,052,800	\$971,161,200	\$1,027,216,300	\$1,078,521,700

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

	A	B	C	D	E	F
FY Ending 12/31	First Tier Net Debt Service	Second Tier Net Debt Service	Third Tier Net Debt Service	ISTEA Loan Debt Service	Subordinated Lien Bonds Debt Service	Total Net Debt Service
2019	397,822,489	113,268,663	-	12,250,000	24,029,260	547,370,412
2020	419,083,104	117,782,962	-	15,322,396	24,010,101	576,198,563
2021	444,088,330	119,609,712	-	15,322,396	53,484,319	632,504,757
2022	438,038,967	145,505,212	-	15,322,396	53,423,382	652,289,957
2023	450,793,644	149,631,062	-	15,322,396	53,376,124	669,123,226
2024	464,013,168	159,257,312	-	15,322,396	53,338,008	691,930,884
2025	489,120,555	128,502,812	-	15,322,396	53,179,741	686,125,504
2026	494,958,524	122,786,062	-	15,322,396	53,015,446	686,082,428
2027	491,245,529	126,624,062	-	15,322,396	52,838,017	686,030,004
2028	503,507,400	114,488,812	-	15,322,396	52,650,031	685,968,639
2029	480,926,970	208,475,312	-	-	52,453,477	741,855,759
2030	417,023,243	280,533,062	-	-	52,249,761	749,806,066
2031	413,178,104	276,220,062	-	-	-	689,398,166
2032	455,730,492	233,664,312	-	-	-	689,394,804
2033	470,792,404	218,604,812	-	-	-	689,397,216
2034	534,490,191	154,904,612	-	-	-	689,394,803
2035	558,113,368	131,285,562	-	-	-	689,398,930
2036	583,958,747	105,438,662	-	-	-	689,397,409
2037	633,915,279	90,228,812	-	-	-	724,144,091
2038	498,523,654	53,272,062	-	-	-	551,795,716
2039	499,458,916	52,336,312	-	-	-	551,795,228
2040	501,388,734	50,410,312	-	-	-	551,799,046
2041	503,439,392	48,372,562	-	-	-	551,811,954
2042	507,663,482	44,150,062	-	-	-	551,813,544
2043	214,660,746	32,163,812	-	-	-	246,824,558
2044	184,690,480	59,889,312	-	-	-	244,579,792
2045	142,624,790	101,968,062	-	-	-	244,592,852
2046	146,402,120	98,196,562	-	-	-	244,598,682
2047	132,693,774	99,192,062	-	-	-	231,885,836
2048	104,907,284	91,460,062	-	-	-	196,367,346
2049	1,157,500	13,277,250				
2050	1,105,000					
2051	1,052,500					
Total	\$ 12,580,568,880	\$ 3,741,500,311	\$ -	\$ 150,151,564	\$ 578,047,667	\$ 17,033,676,172

Appendix F - Estimated Operating Expenditures by Account

Description	Estimated FY2019 - FY2023					
	FY2018 Budget	FY2019	FY2020	FY2021	FY2022	FY2023
Salaries and Wages-Direct - (511101)	\$41,566,549	\$43,024,410	\$44,315,142	\$45,644,597	\$47,013,934	\$48,424,353
Salaries and Wages-Internship - (511202)	174,760	175,315	180,574	185,992	191,571	197,319
Salaries and Wage-Overtime - (511301)	821,176	821,176	845,811	871,186	897,321	924,241
Group Insurance - (512101)	9,161,931	8,754,657	9,017,297	9,287,816	9,566,450	9,853,444
Retirement Contributions - (512401)	5,529,824	5,435,206	5,598,262	5,766,210	5,939,196	6,117,372
Retirement Contr.-Internship - (512402)	23,085	22,230	22,897	23,584	24,291	25,020
Tuition Reimbursement - (512501)	31,575	31,575	32,522	33,498	34,503	35,538
Unemployment Insurance - (512601)	227,386	227,386	234,208	241,234	248,471	255,925
OPEB Annual Req'd Contribution - (512601)	0	3,100,000	3,193,000	3,288,790	3,387,454	3,489,077
Worker's Comp Ins - (512701)	382,573	327,941	337,779	347,913	358,350	369,100
Meeting Expense - (521101)	126,232	127,201	131,017	134,948	138,996	143,166
Consulting/Professional - (521201)	14,055,481	13,195,504	13,591,369	13,999,110	14,419,083	14,851,656
Legal Fees - (521202)	2,086,669	2,086,669	2,149,269	2,213,747	2,280,160	2,348,564
Auditing Fees - (521203)	198,029	206,029	212,210	218,576	225,133	231,887
Trustee Fees - (521204)	345,899	345,899	356,276	366,964	377,973	389,312
Rating Agency Fees - (521205)	25,000	0	0	0	0	0
Traffic Engineering Fees - (521207)	1,188,199	688,199	708,845	730,110	752,014	774,574
Police Services (DPS) - (521208)	8,985,742	8,985,742	9,255,314	9,532,974	9,818,963	10,113,532
Armored Car Services - (521209)	39,827	59,627	61,416	63,258	65,156	67,111
Outside Maintenance Services - (521212)	20,430,896	21,758,982	22,411,751	23,084,104	23,776,627	24,489,926
Landscaping - (522202)	127,820	61,500	63,345	65,245	67,203	69,219
Rentals - Land - (522301)	509,151	423,151	435,846	448,921	462,389	476,260
Rentals - Equipment - (522302)	280,650	146,172	150,557	155,074	159,726	164,518
Insurance Expense - Other - (523101)	1,774,172	2,349,211	2,419,687	2,492,278	2,567,046	2,644,058
Postage - (523201)	10,380,954	10,668,292	10,988,341	11,317,991	11,657,531	12,007,257
Telecommunications - (523202)	1,364,758	1,364,758	1,405,701	1,447,872	1,491,308	1,536,047
Public Information Fees - (523203)	0	29,958	30,857	31,782	32,736	33,718
Recruitment - (523301)	157,820	157,820	162,555	167,431	172,454	177,628
Magazine and Newspaper - (523302)	1,449,017	1,426,601	1,469,399	1,513,481	1,558,885	1,605,652
Television & Radio - (523303)	1,019,697	1,019,697	1,050,288	1,081,797	1,114,250	1,147,678
Promotional Expenses - (523304)	1,172,940	1,177,440	1,212,763	1,249,146	1,286,620	1,325,219
Employee Appreciation - (523305)	1,752	1,752	1,805	1,859	1,914	1,972
Printing and Photographic - (523401)	9,299	13,299	13,698	14,109	14,532	14,968
Maps & Pamphlets - (523402)	91,960	91,960	94,719	97,560	100,487	103,502
Travel - (523501)	302,403	328,708	338,569	348,726	359,188	369,964
Dues & Subscriptions - (523601)	427,665	346,102	356,485	367,180	378,195	389,541
Education and Training - (523701)	457,028	452,183	465,748	479,721	494,113	508,936
Licenses - (523801)	26,427	29,502	30,387	31,299	32,238	33,205
Temporary Contract Labor - (523851)	12,170,374	12,267,764	12,635,797	13,014,871	13,405,317	13,807,476
Liability Claims - (523902)	6,182	6,182	6,367	6,558	6,755	6,958
Office Supplies - (531101)	549,025	468,385	482,437	496,910	511,817	527,171
Other Materials and Supplies - (531102)	4,118,997	3,173,777	3,268,990	3,367,060	3,468,072	3,572,114
Mobile Equipment Expense - (531103)	1,057,250	1,059,425	1,091,208	1,123,944	1,157,662	1,192,392
Freight and Express - (531105)	6,611	6,711	6,912	7,120	7,333	7,553
Motor Fuel Expense - (531107)	992,000	1,023,309	1,054,008	1,085,629	1,118,197	1,151,743
Water - (531211)	722,590	722,590	744,268	766,596	789,594	813,281
Gas - (531221)	70,600	70,600	72,718	74,900	77,147	79,461
Electricity - (531231)	2,464,256	2,164,256	2,229,184	2,296,059	2,364,941	2,435,889
Books & Periodicals - (531401)	1,600	1,600	1,648	1,697	1,748	1,801
Inven for resale(toll tags) - (531501)	10,261,333	10,567,552	10,884,579	11,211,116	11,547,449	11,893,873
Small Tools and Shop Supplies - (531601)	151,525	290,685	299,406	308,388	317,639	327,169
Software (Under \$5,000) - (531651)	7,195,086	10,994,874	11,324,720	11,664,462	12,014,396	12,374,828
Uniforms - (531701)	306,890	316,523	326,019	335,799	345,873	356,249
Bank Charges - (573001)	781,355	201,355	207,396	213,618	220,026	226,627
Credit Card Fees - (573002)	19,939,979	19,982,558	20,582,035	21,199,496	21,835,482	22,490,545
Totals	185,750,000	192,780,000	198,563,400	204,520,302	210,655,911	216,975,588