



NTTA SYSTEM

FY2018 - FY2022

**FIVE-YEAR
CAPITAL
PLAN**





READERS' ROADMAP

This Readers' Roadmap is a guide to help navigate through the North Texas Tollway Authority's FY2018 - FY2022 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 FY2018 - FY2022 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**
4. **Feasibility Study**

APPENDICES

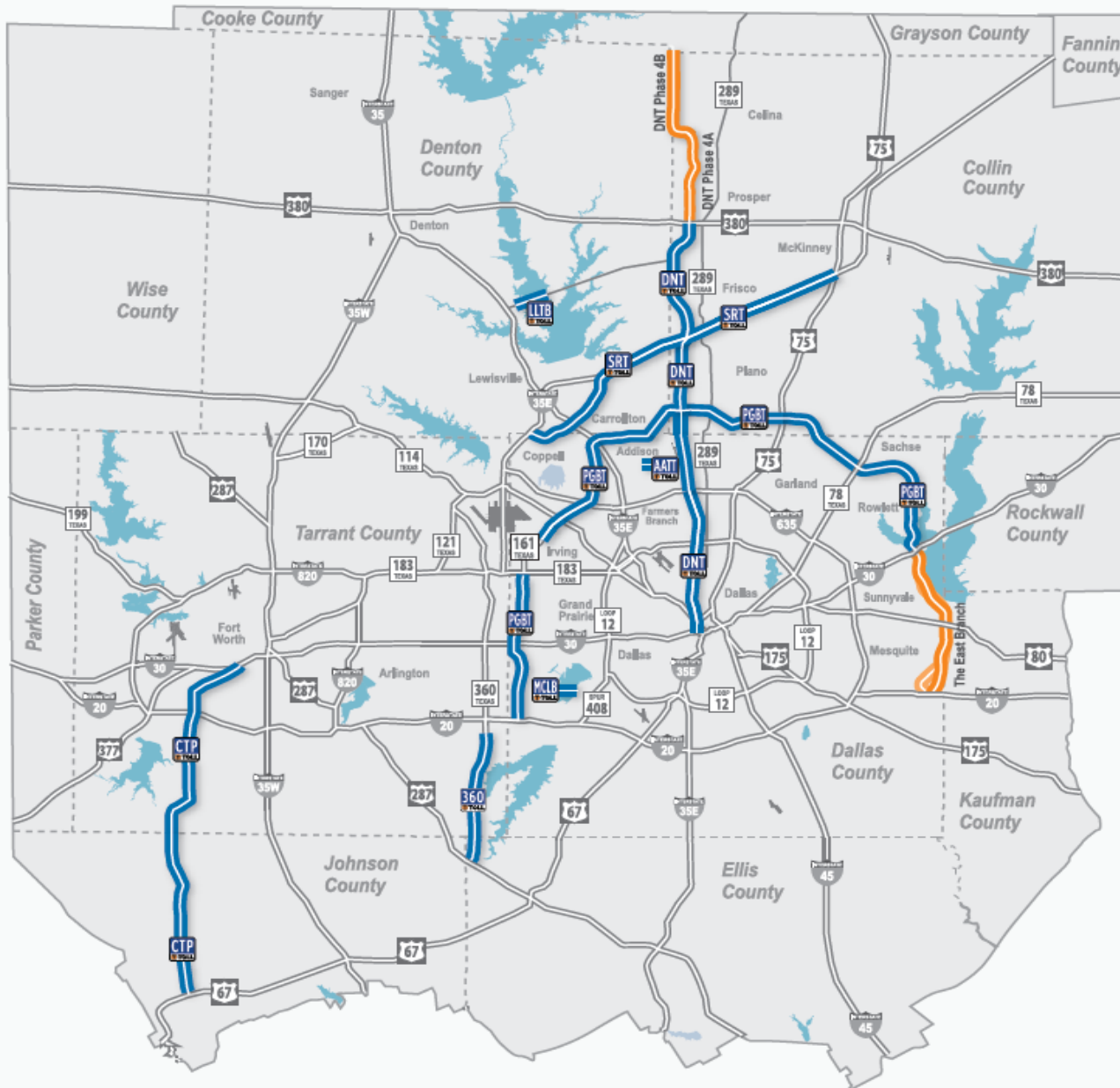
The last section contains an index that references each project name and associated page number. Also included is the Capital Plan calendar and documents describing the Capital Plan process, the major revenue sources, outstanding debt service and estimated operating expenditures.

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CAPITAL PLAN OVERVIEW





LEGEND 

-  NNTA 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 \$5.0 billion. Approximately \$4.7 billion or 94.0% of total revenue is based on projections provided by the traffic and revenue engineers (see Major Revenue Source, pages 144-147). Approximately \$0.3 billion or 6.0% 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 5.7% per year from FY2018 through FY2022. 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 145-147).

Introduction and Overview (continued)

	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Five-Year Totals FY2018 - FY2022
REVENUE FUND							
Estimated Beginning Available Cash Balance	-	-	-	-	-	-	-
INFLOWS							
Estimated Toll Revenues	\$ 712,551,455	\$ 835,378,000	\$ 874,719,200	\$ 930,556,400	\$ 980,803,300	\$ 1,039,443,300	\$ 4,660,900,200
Estimated Other Revenues	49,612,968	59,497,217	60,494,336	66,742,723	68,594,072	71,288,383	326,616,731
TOTAL INFLOWS	762,164,423	894,875,217	935,213,536	997,299,123	1,049,397,372	1,110,731,683	4,987,516,931
Estimated Ending Available Cash Balance	-	-	-	-	-	-	-
Total Revenues Available for Operations	\$ 762,164,423	\$ 894,875,217	\$ 935,213,536	\$ 997,299,123	\$ 1,049,397,372	\$ 1,110,731,683	\$ 4,987,516,931

B. Operation and Maintenance (O&M)

O&M expenses for the next five years are estimated at \$986.1 million. 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 146, and Cash Balances, page 141). A projected \$919.4 million for O&M expense and reserve will be transferred from the Revenue Fund to the O&M Fund. An additional, \$52.8 million for salaries and benefits is transferred from various other funds (Capital Improvement, Construction, and Reserve Maintenance Funds).

The estimated operating expenses for FY2018 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 FY2018 and FY2022. (See Appendix F page 149)

Introduction and Overview (continued)

	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Five-Year Totals FY2018 - FY2022
Total Revenues Available for Operations	\$762,164,423	\$894,875,217	\$935,213,536	\$997,299,123	\$ 1,049,397,372	\$ 1,110,731,683	\$ 4,987,516,931
OPERATION AND MAINTENANCE FUND							
Estimated Beginning Available Cash Balance	42,171,237	48,685,288	30,958,333	31,883,333	32,839,833	33,825,028	48,685,288
INFLOWS							
Transfer from Revenue Fund	138,394,023	158,071,126	181,974,523	187,437,508	193,060,634	198,852,453	919,396,243
Transfer from SPS	3,957,970						
Inter-Fund Transfers	9,662,058	9,951,920	10,250,477	10,557,992	10,874,731	11,200,973	52,836,094
TOTAL INFLOWS	152,014,051	168,023,045	192,225,000	197,995,500	203,935,365	210,053,426	972,232,336
OUTFLOWS							
Estimated Operating Expenses	(145,500,000)	(185,750,000)	(191,300,000)	(197,039,000)	(202,950,170)	(209,038,675)	(986,077,845)
TOTAL OUTFLOWS	(145,500,000)	(185,750,000)	(191,300,000)	(197,039,000)	(202,950,170)	(209,038,675)	(986,077,845)
Estimated Ending Available Cash Balance	48,685,288	30,958,333	31,883,333	32,839,833	33,825,028	34,839,779	34,839,779
Net Revenues Available for Debt Service	\$623,770,400	\$736,804,091	\$753,239,013	\$809,861,615	\$ 856,336,738	\$ 911,879,230	\$ 4,068,120,688

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 \$3.0 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 146).

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 1.79 in FY2018 to a high of 1.99 in FY2022. (See page 11)

Introduction and Overview (continued)

	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Five-Year Totals FY2018 - FY2022
Net Revenues Available for Debt Service	\$623,770,400	\$736,804,091	\$753,239,013	\$809,861,615	\$856,336,738	\$911,879,230	\$ 4,068,120,688
DEBT SERVICE FUNDS							
Estimated Beginning Available Cash Balance	-	-	-	-	-	-	-
INFLOWS							
Transfer from Capital Improvement Fund	33,048,420	34,548,420	36,298,420	39,370,816	68,845,035	68,784,097	247,846,788
Capitalized interest transfer	-	-	-	-	-	-	-
Transfer from Revenue Fund	383,155,721	510,448,823	512,971,189	539,959,269	566,649,534	586,349,511	2,716,378,327
TOTAL INFLOWS	416,204,141	544,997,243	549,269,609	579,330,085	635,494,569	655,133,608	2,964,225,115
OUTFLOWS							
1st Tier Debt Service	(320,402,138)	(411,777,623)	(416,371,939)	(438,845,719)	(463,709,234)	(457,513,711)	(2,188,218,226)
2nd Tier Debt Service	(62,753,583)	(98,671,200)	(96,599,250)	(101,113,550)	(102,940,300)	(128,835,800)	(528,160,101)
3rd Tier Debt Service	-	-	-	-	-	-	-
Total Debt Service	(383,155,721)	(510,448,823)	(512,971,189)	(539,959,269)	(566,649,534)	(586,349,511)	(2,716,378,327)
Capital Improvement Fund - Subordinate Debt	(24,048,420)	(24,048,420)	(24,048,420)	(24,048,420)	(53,522,639)	(53,461,701)	(179,129,600)
Capital Improvement Fund - ISTEAL Loan	(9,000,000)	(10,500,000)	(12,250,000)	(15,322,396)	(15,322,396)	(15,322,396)	(68,717,188)
TOTAL OUTFLOWS	(416,204,141)	(544,997,243)	(549,269,609)	(579,330,085)	(635,494,569)	(655,133,608)	(2,964,225,115)
Estimated Ending Available Cash Balance	-	-	-	-	-	-	-
Net Revenues Available for Major Maintenance Projects	\$240,614,679	\$226,355,268	\$240,267,824	\$269,902,345	\$289,687,204	\$325,529,719	\$ 1,351,742,361
First Tier Debt Service Coverage	1.95	1.79	1.81	1.85	1.85	1.99	1.86
First & Second Tier Debt Service Coverage	1.63	1.44	1.47	1.50	1.51	1.56	1.50
All Debt Service Coverage	1.50	1.35	1.37	1.40	1.35	1.39	1.37
CIF Subordinated Debt Coverage	1.42	1.36	1.31	1.35	1.29	1.37	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 FY2018 through FY2022 is \$189.4 million, an average of \$37.9 million per year. This estimate is composed of \$171.4 million of project costs (see Reserve Maintenance Projects, pages 25-40) and \$18.0 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 147, and Cash Balances, page 142).

	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Five-Year Totals FY2018 - FY2022
Net Revenues Available for Reserve Maintenance Projects	\$ 240,614,679	\$ 226,355,268	\$ 240,267,824	\$ 269,902,345	\$ 289,687,204	\$ 325,529,719	\$ 1,351,742,361
RESERVE MAINTENANCE FUND							
Estimated Beginning Available Cash Balance	25,514,272	45,478,174	-	-	-	-	45,478,174
INFLOWS							
Transfer SPS Major Maintenance Reserve Fund	13,032,505						
Transfer from Revenue Fund	32,796,968	5,972,834	36,610,681	34,526,394	41,391,258	25,435,346	143,936,514
TOTAL INFLOWS	45,829,473	5,972,834	36,610,681	34,526,394	41,391,258	25,435,346	143,936,514
OUTFLOWS							
RMF Project Expenses	(21,983,308)	(48,066,938)	(33,125,089)	(30,936,234)	(37,693,393)	(21,626,545)	(171,448,199)
RMF Professional Fees and Other Expenses	(626,005)	(61,630)	(63,479)	(65,383)	(67,345)	(69,365)	(327,202)
RMF Salaries/Wages	(3,256,258)	(3,322,440)	(3,422,114)	(3,524,777)	(3,630,520)	(3,739,436)	(17,639,287)
TOTAL OUTFLOWS	(25,865,571)	(51,451,008)	(36,610,681)	(34,526,394)	(41,391,258)	(25,435,346)	(189,414,688)
Estimated Ending Available Cash Balance	45,478,174	-	-	-	-	-	-
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	\$ 207,817,711	\$ 220,382,434	\$ 203,657,143	\$ 235,375,951	\$ 248,295,946	\$ 300,094,373	\$ 1,207,805,847

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 \$1.2 billion, which is comprised of \$1.1 billion in project costs (see Capital Improvement Projects, pages 43-116) and \$55.1 million in professional fees and allocated overhead costs. The projects listed for FY2018 to FY2022 have been approved by executive management through the capital plan process (see Capital Plan process, pages 141-143). Funds for the CIF flow from the Revenue Fund to the extent there are excess revenues (see Revenue Distribution, page 147). 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 FY2018 – FY2022 Capital Plan contains \$241.9 million for subordinated debt and \$68.7 million for ISTEPA loan payments.

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.

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. However, the Authority may not transfer an amount that results in a balance in the surplus fund that is less than the minimum balance required in the trust agreement for that project, if any. The current Trust Agreement does not have a required minimum balance for the Capital Improvement Fund. The Authority's executive management established a \$50.0 million reserve fund, which is currently fully funded. The NTTA Capital Plan includes an additional deposit of \$25.0 million in FY2018 (see Cash Balance, pages 14 and 142). The Feasibility Study Fund budget requires an estimated \$3.5 million over the next five years to pay for professional, legal, and traffic engineering fees related to project feasibility. The amount will be transferred from the Capital Improvement Fund.

Introduction and Overview (continued)

	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Five-Year Totals FY2018 - FY2022
Net Revenues Available for Capital Improvement Projects	\$207,817,711	\$220,382,434	\$203,657,143	\$235,375,951	\$248,295,946	\$300,094,373	\$ 1,207,805,847
CAPITAL IMPROVEMENT FUND							
Estimated Beginning CIF Cash Balance Available for Projects	255,539,140	345,049,849	351,098,840	310,535,450	247,750,232	71,417,926	345,049,849
INFLOWS							
Transfer from Revenue Fund	207,817,711	220,382,434	203,657,143	235,375,951	248,295,946	300,094,373	1,207,805,847
Transfer from SPS Capital Expenditure Reserve	35,053,242						
Transfer from SPS General Fund	43,839,454						
Legal Settlement	-	-	27,000,000	-	-	-	27,000,000
Reimbursement from TxDOT - 360 Tollway	1,353,600	976,400	-	-	-	-	976,400
NET INFLOWS AVAILABLE FOR CIF EXPENSES	288,064,007	221,358,834	230,657,143	235,375,951	248,295,946	300,094,373	1,235,782,247
OUTFLOWS							
CIF Project Expenses	(159,455,630)	(145,687,630)	(193,934,221)	(180,376,724)	(290,164,628)	(285,799,475)	(1,095,962,678)
CIF Professional/LOC Fees	(2,102,926)	(4,851,827)	(4,939,181)	(5,230,925)	(8,414,774)	(8,288,185)	(31,724,892)
CIF Salaries/Wages	(3,935,342)	(4,579,151)	(4,716,526)	(4,858,021)	(5,003,762)	(5,153,875)	(24,311,335)
Transfer to NTTA System Construction Funds	-	-	-	(37,251,245)	(50,596,147)	(1,687,969)	(89,535,361)
Transfer to CIF Bond Payment Account	(24,038,056)	(24,041,235)	(54,480,605)	(54,471,858)	(54,476,545)	(54,456,464)	(241,926,707)
Transfer to Debt Service Fund for ISTEPA Payment	(9,000,000)	(10,500,000)	(12,250,000)	(15,322,396)	(15,322,396)	(15,322,396)	(68,717,188)
Transfer to CIF Rainy Day Fund Account	-	(25,000,000)	-	-	-	-	(25,000,000)
Transfer to Corridors Under Study	-	-	-	-	-	-	-
Transfer to Feasibility Study Fund	(21,344)	(650,000)	(900,000)	(650,000)	(650,000)	(650,000)	(3,500,000)
TOTAL OUTFLOWS	(198,553,298)	(215,309,843)	(271,220,532)	(298,161,169)	(424,628,252)	(371,358,364)	(1,580,678,160)
Estimated Ending CIF Cash Balance Available for Projects	345,049,849	351,098,840	310,535,450	247,750,232	71,417,926	153,936	153,936
CIF Bond Payment Account							
Estimated Beginning CIF Bond Payment Account Cash Balance	12,034,574	12,024,210	12,017,025	42,449,210	72,872,648	73,826,554	12,024,210
Transfers from CIF Cash Account	24,038,056	24,041,235	54,480,605	54,471,858	54,476,545	54,456,464	241,926,707
Transfer to Debt Service Fund for CIF Subordinated Debt Payment	(24,048,420)	(24,048,420)	(24,048,420)	(24,048,420)	(53,522,639)	(53,461,701)	(179,129,600)
Estimated Ending CIF Bond Payment Account Cash Balance	12,024,210	12,017,025	42,449,210	72,872,648	73,826,554	74,821,317	74,821,317
CIF Rainy Day Fund Account							
Estimated Beginning CIF Rainy Day Fund Account Cash Balance	50,000,000	50,000,000	75,000,000	75,000,000	75,000,000	75,000,000	50,000,000
Transfers from CIF Cash Account	-	25,000,000	-	-	-	-	25,000,000
Transfers to CIF Cash Account	-	-	-	-	-	-	-
Estimated Ending 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
Estimated Ending Total CIF Cash Balances	\$407,074,059	\$438,115,865	\$427,984,660	\$395,622,880	\$220,244,480	\$149,975,253	\$ 149,975,253

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 FY2018 - FY2022 costs are funded with bond proceeds of \$112.2 million and transfers from the Capital Improvement Fund of \$89.5 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 \$225.6 million, which is comprised of \$218.5 million in construction costs and \$7.1 million in allocated overhead costs, professional and letter of credit fees (see NTTA System Construction Projects, pages 119-130). The budget mainly contains \$189.3 million for the widening of the Sam Rayburn Tollway.

	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Five-Year Totals FY2018 - FY2022
CONSTRUCTION FUNDS - NTTA SYSTEM							
Estimated Beginning Available Cash Balance	\$ 70,626,327	\$ 112,177,205	\$ 74,771,220	\$ 13,786,744	\$ (0)	\$ 0	\$ 112,177,205
INFLOWS							
Reimbursement Agreements:							-
Denton County ILA - DNT Phase 4B	6,803,800	6,608,015	9,662,204	6,843,497	750,000	-	23,863,716
Transfer from Capital Improvement Fund			-	37,251,245	50,596,147	1,687,969	89,535,361
Special Projects System Major Maintenance Proceed Balance	10,805,000						
Special Projects System Construction Balance	40,244,785			-	-	-	-
TOTAL INFLOWS	57,853,585	6,608,015	9,662,204	44,094,742	51,346,147	1,687,969	113,399,077
OUTFLOWS							
Transfer to Capital Improvement Fund							
Allocated Cost: Salaries, Professional Fees, Legal Fees	(1,461,623)	(1,387,670)	(2,217,118)	(1,816,505)	(1,611,406)	(52,974)	(7,085,673)
LOC Fees	(1,298,979)	-	-	-	-	-	-
CTP Expenses	(116,999)	(3,480,000)	-	-	-	-	(3,480,000)
SRT Expenses	(6,515,379)	(30,688,225)	(58,767,358)	(49,221,484)	(48,984,741)	(1,634,995)	(189,296,803)
PGBT EE Expenses	(86,322)	(1,850,090)	-	-	-	-	(1,850,090)
PGBT WE Expenses	(19,605)	-	-	-	-	-	-
DNT Phase 4B Southbound Frontage Road Expenses	(6,803,800)	(6,608,015)	(9,662,204)	(6,843,497)	(750,000)	-	(23,863,716)
TOTAL OUTFLOWS	(16,302,707)	(44,014,000)	(70,646,680)	(57,881,486)	(51,346,147)	(1,687,969)	(225,576,282)
Estimated Ending Available Cash Balance	\$ 112,177,205	\$ 74,771,220	\$ 13,786,744	\$ (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 (see Feasibility Study Fund, pages 133-135). Over the next five years, these projects are budgeted at \$3.5 million from the Capital Improvement Fund.

	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Five-Year Totals FY2018 - FY2022
FEASIBILITY STUDY FUND							
Estimated Beginning Available Cash Balance	-	-	-	-	-	-	-
INFLOWS							
Bond Issues							-
Transfer from Capital Improvement Fund	\$ 21,344	\$ 650,000	\$ 900,000	\$ 650,000	\$ 650,000	\$ 650,000	\$ 3,500,000
TOTAL INFLOWS	21,344	650,000	900,000	650,000	650,000	650,000	3,500,000
OUTFLOWS							
Legal fees	-	(150,000)	(150,000)	(150,000)	(150,000)	(150,000)	(750,000)
Professional Fees	(21,344)	(500,000)	(500,000)	(500,000)	(500,000)	(500,000)	(2,500,000)
SH 190/PGBT EE - East Branch	-	-	(250,000)	-	-	-	(250,000)
TOTAL OUTFLOWS	(21,344)	(650,000)	(900,000)	(650,000)	(650,000)	(650,000)	(3,500,000)
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.

**FY2018 - FY2022 CAPITAL PLAN
SUMMARY PROJECT COSTS BY FUND**

Project Type	Actual FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Five Year Total FY2018 - FY2022
Reserve Maintenance Fund (1)	\$21,983,308	\$48,066,938	\$33,125,089	\$30,936,234	\$37,693,393	\$21,626,545	\$171,448,199
Capital Improvement Fund (2)	159,455,630	145,687,630	193,934,221	180,376,724	290,164,628	285,799,475	1,095,962,678
Construction Fund (3)	13,542,105	42,626,330	68,429,562	56,064,981	49,734,741	1,634,995	218,490,609
Feasibility Study Fund (4)	21,344	0	250,000	0	0	0	250,000
Totals	\$195,002,387	\$236,380,898	\$295,738,872	\$267,377,939	\$377,592,762	\$309,061,015	\$1,486,151,486

Report contains only project costs.

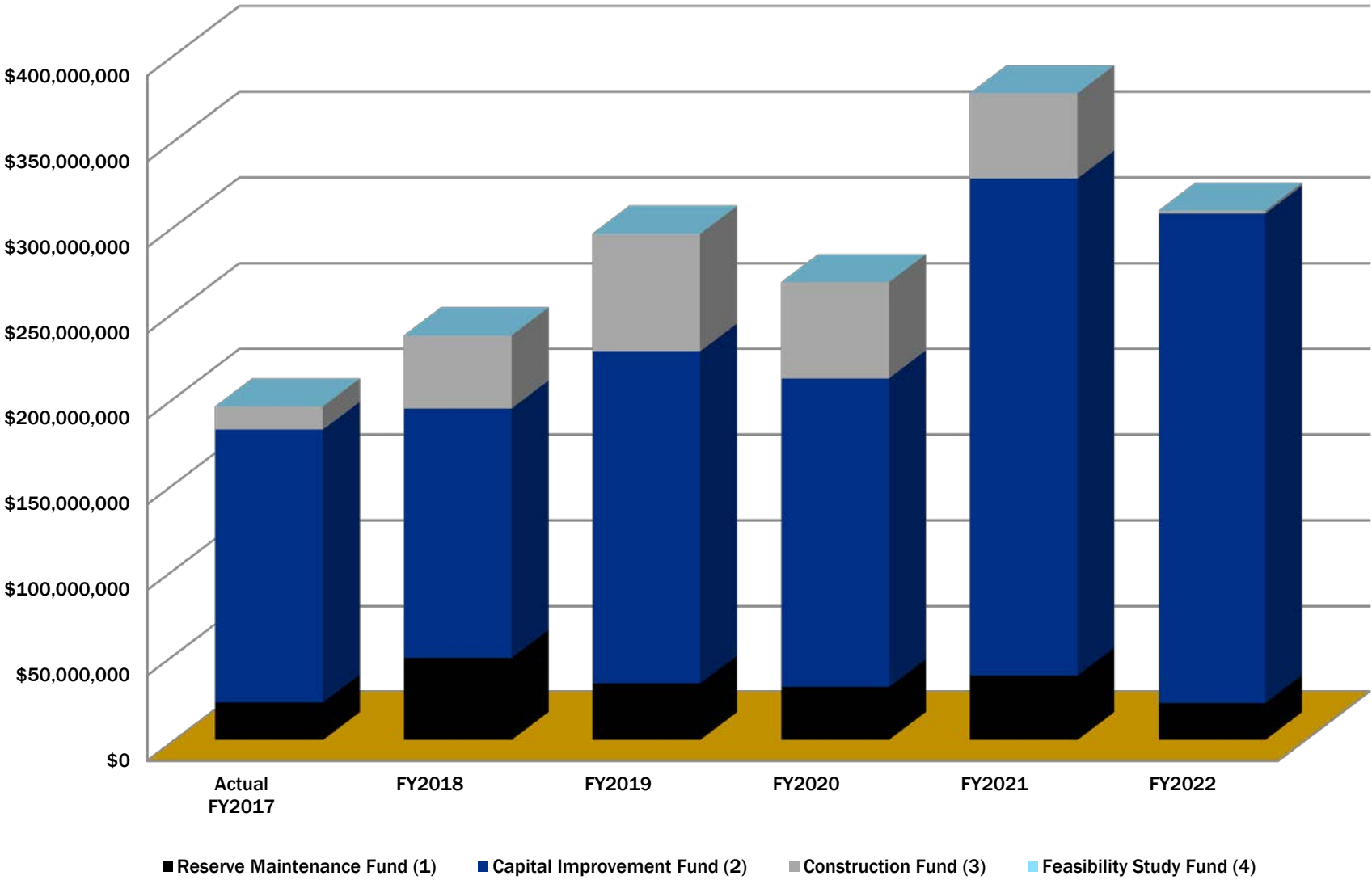
(1) List of projects see page 26.

(2) List of projects see pages 49-51.

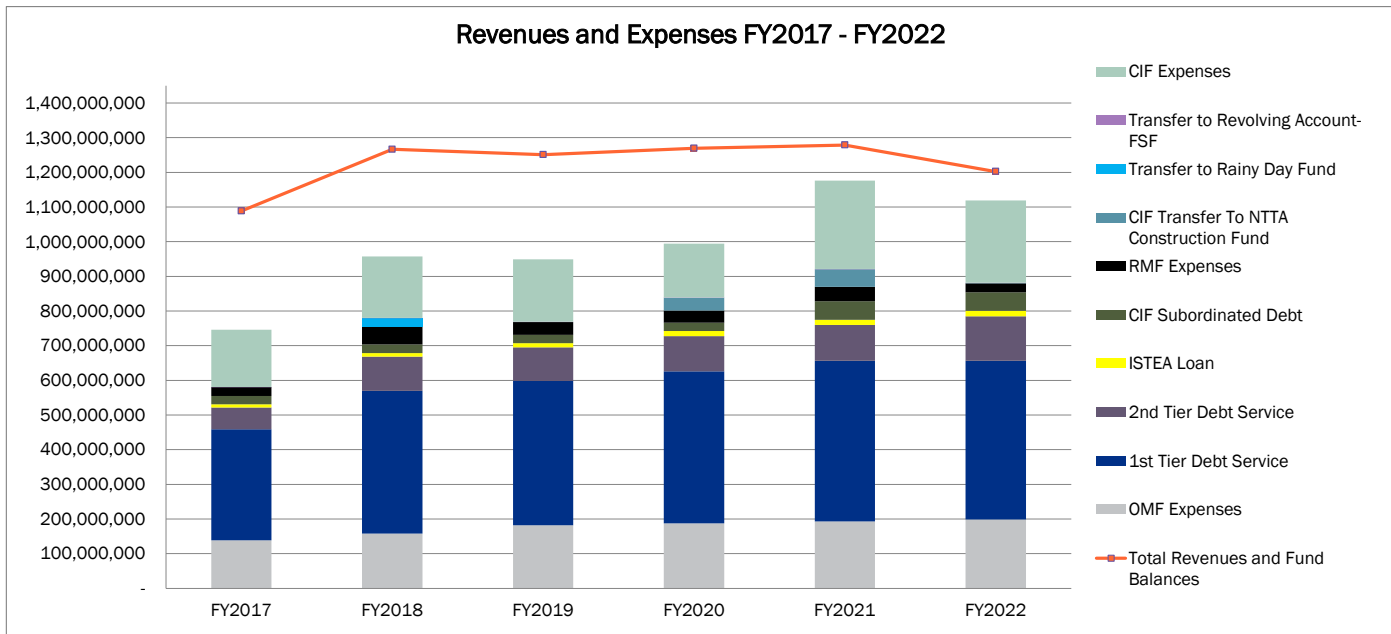
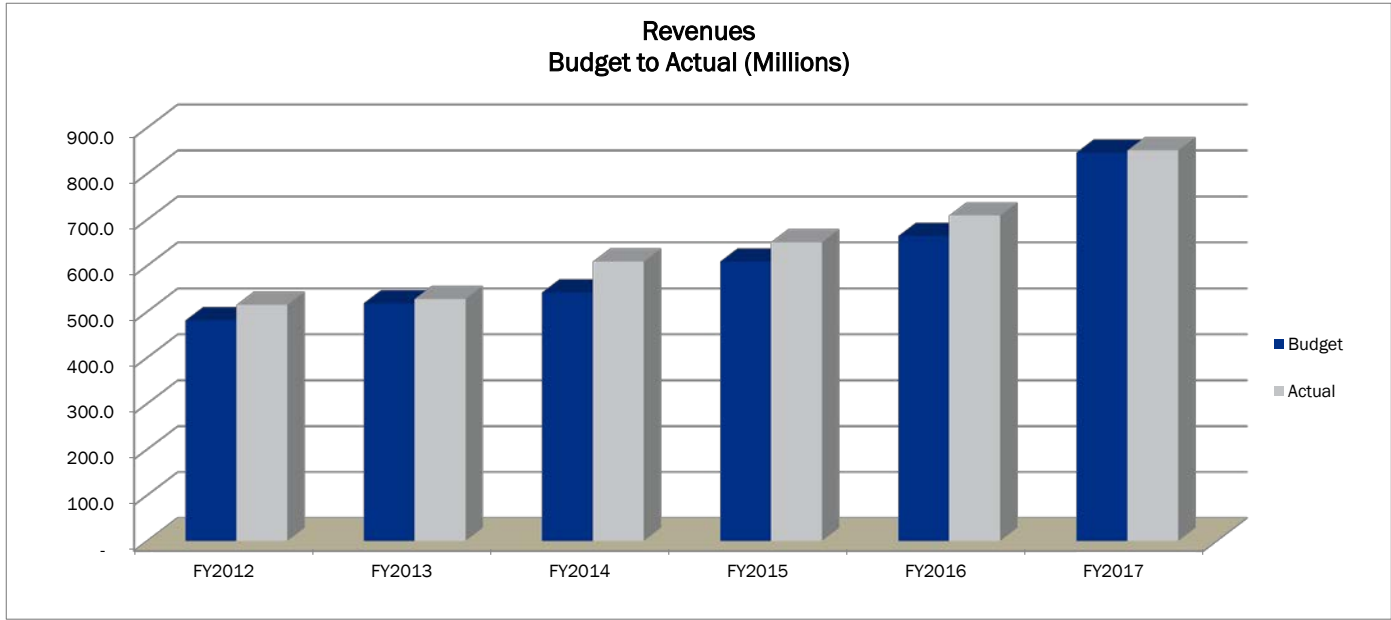
(3) List of projects see page 124.

(4) List of projects see page 134.

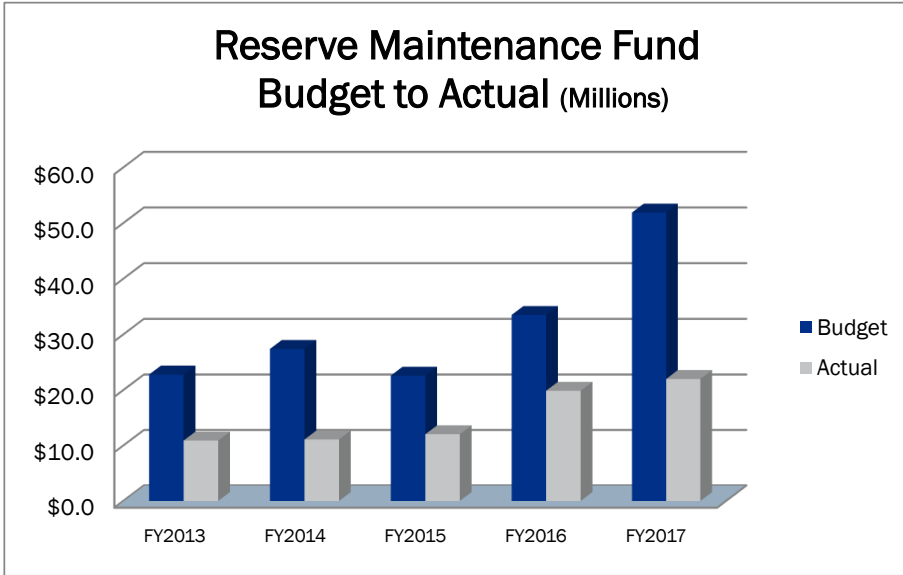
Capital Plan Costs by Fund



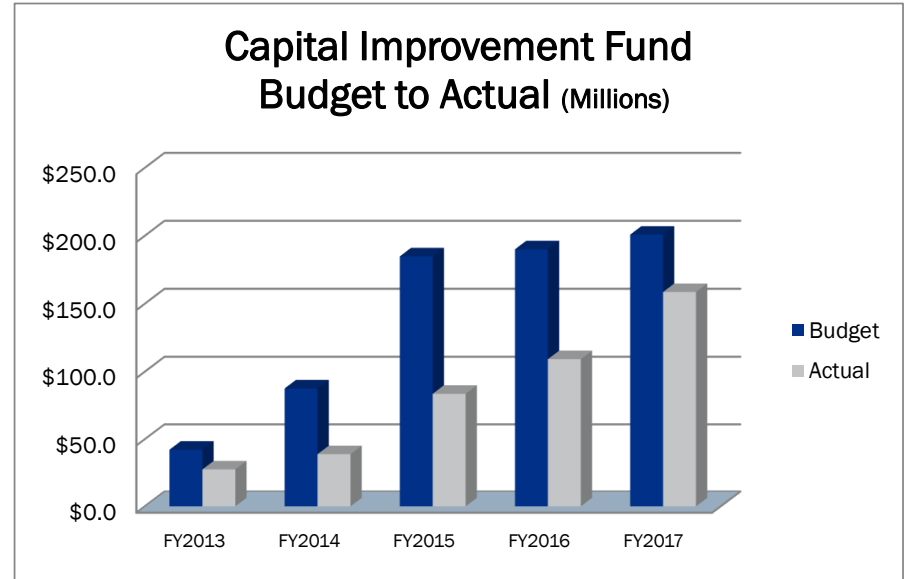
Informational Graphs



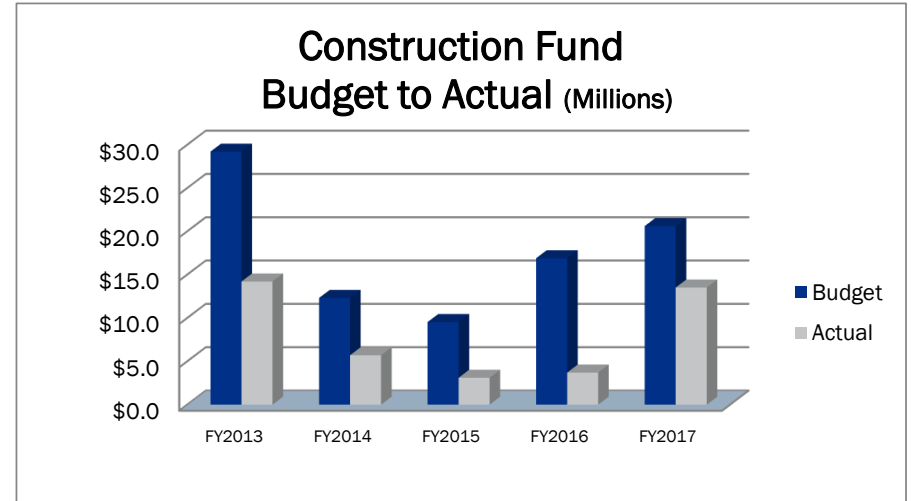
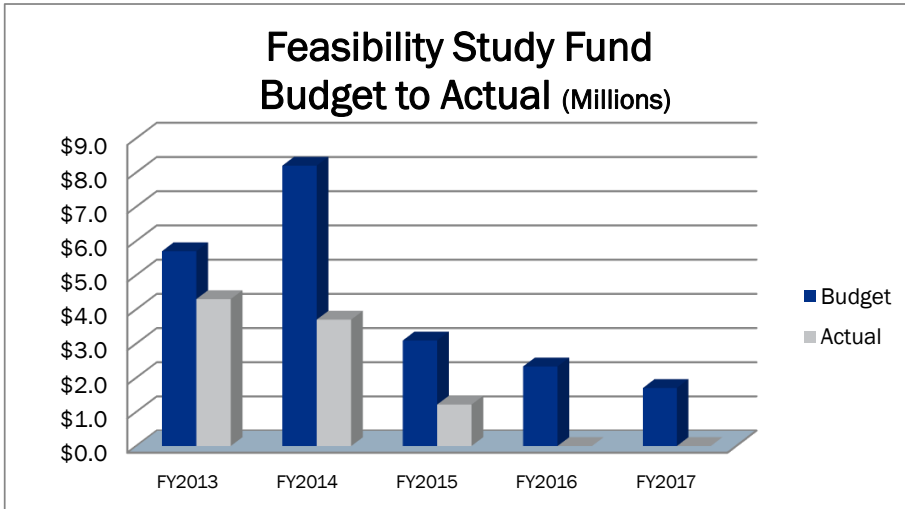
Historical Informational Graphs



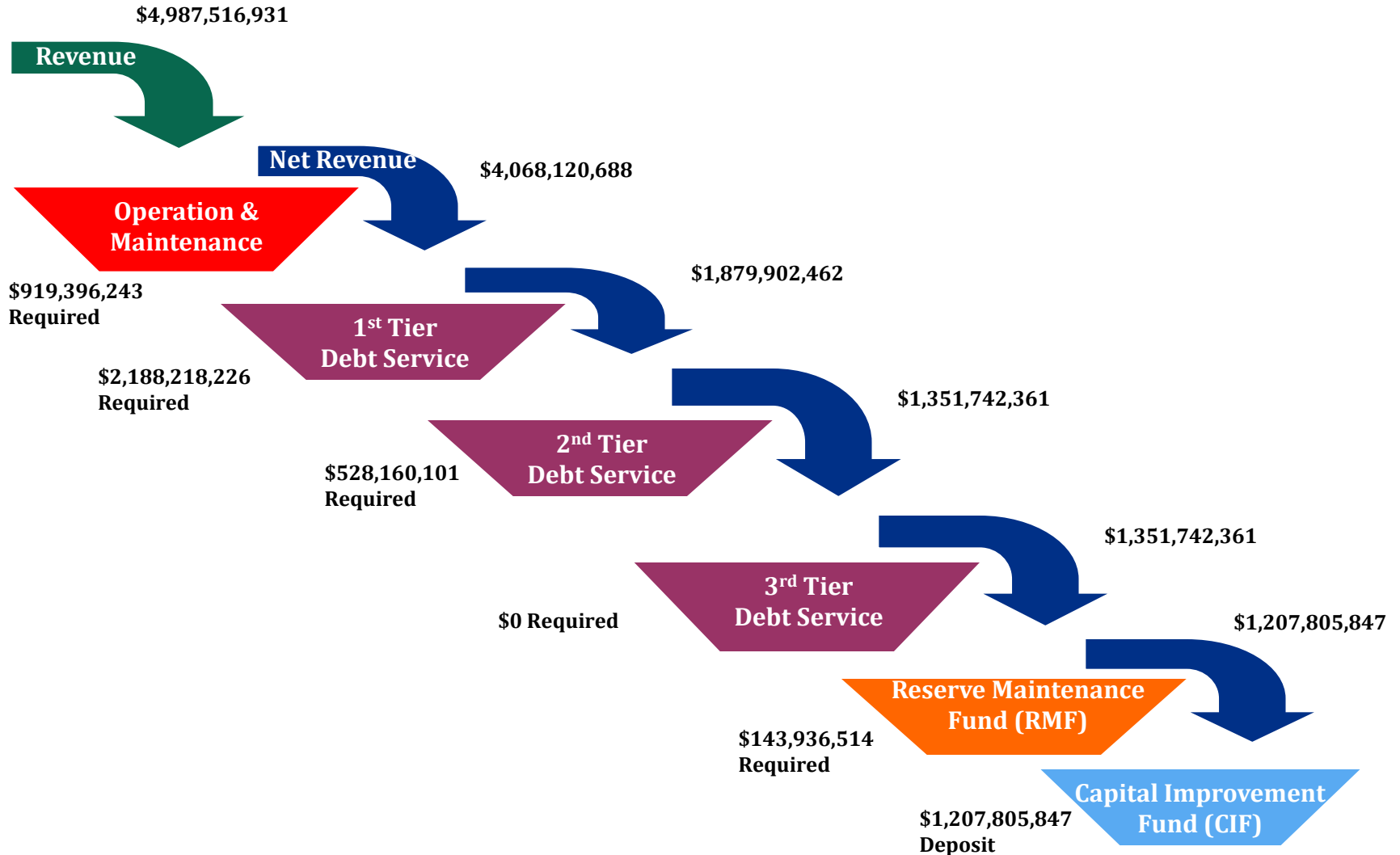
RMF Projects re-evaluated and prioritized throughout the year



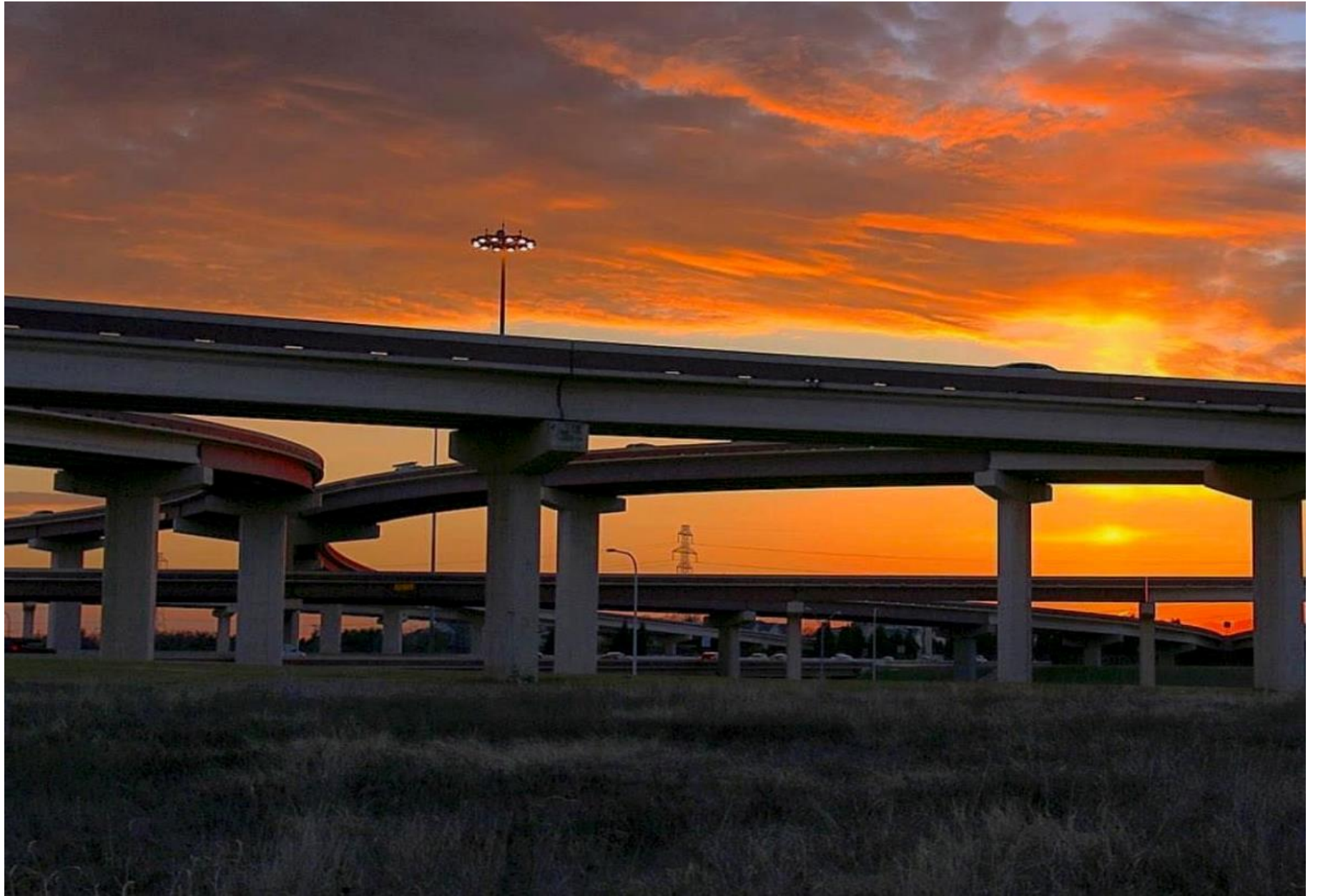
CIF Projects re-evaluated and prioritized throughout the year



NTTA System Flow of Funds FY2018 - FY2022



RESERVE MAINTENANCE PROJECTS



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 \$5.8 million for this category over the next five years, an average of \$1.2 million per year.

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 \$131.1 million for this category over the next five years, an average of \$26.2 million per year.

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 \$11.4 million for this category over the next five years, an average of \$2.3 million per year.

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 \$23.1 million for this category, an average of \$4.6 million per year.



Reserve Maintenance Fund - (1201) - Project List FY2018 - FY2022 CAPITAL PLAN

Department	Project	Estimated FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Five Year Total FY2018 - FY2022
Information Technology - (20111)	1000431 - Systemwide Roadway Improvements	\$3,225,000	\$6,276,896	\$6,298,816	\$3,640,857	\$4,919,130	\$2,511,410	\$23,647,109
Information Technology - (20111)	1000825 - Server Hardware Upgrades and Replacements	3,032,000	4,600,000	3,320,000	1,000,000	2,000,000	1,000,000	11,920,000
Information Technology - (20111)	1000826 - Computer Hardware Upgrades and Replacements	2,135,000	1,950,000	763,000	765,000	495,000	495,000	4,468,000
Information Technology - (20111)	1000827 - Printer Hardware Upgrades and Replacements	200,000	200,000	150,000	150,000	150,000	150,000	800,000
Information Technology - (20111)	1000828 - Network Equip. & Comm. Systems Replacement	1,939,500	1,969,500	719,500	769,500	719,500	719,500	4,897,500
Information Technology - (20111)	1000829 - Software and Licensing	285,000	210,000	210,000	210,000	210,000	210,000	1,050,000
	Information Technology - (20111) Total	10,816,500	15,206,396	11,461,316	6,535,357	8,493,630	5,085,910	46,782,609
Admin Infrastructure - (20221)	1000431 - Systemwide Roadway Improvements	190,000	300,000	330,000	290,000	310,000	300,000	1,530,000
Admin Infrastructure - (20221)	1000835 - Systemwide Facility Improvements	1,925,000	2,075,000	1,261,000	880,000	1,130,000	1,505,000	6,851,000
Admin Infrastructure - (20221)	1000840 - RMF - Fleet	1,911,146	3,042,082	1,973,948	2,127,154	2,024,794	2,215,389	11,383,367
	Admin Infrastructure - (20221) Total	4,026,146	5,417,082	3,564,948	3,297,154	3,464,794	4,020,389	19,764,367
Project Delivery - (20511)	1000431 - Systemwide Roadway Improvements	29,784,754	10,223,907	13,625,172	14,582,015	22,318,558	9,159,029	69,908,681
Project Delivery - (20511)	1000831 - Systemwide Wall Repair	1,950,000	350,000	375,000	425,000	375,000	350,000	1,875,000
Project Delivery - (20511)	1000833 - Systemwide Bridge Repair	4,330,000	1,375,000	2,800,000	4,555,000	1,700,000	1,730,746	12,160,746
Project Delivery - (20511)	1000836 - Annual Inspection Program	1,033,606	1,046,400	1,108,653	1,366,708	1,166,411	1,105,471	5,793,643
	Project Delivery - (20511) Total	37,098,360	12,995,307	17,908,825	20,928,723	25,559,969	12,345,246	89,738,070
System & Incndnt Mgmt. - (20611)	1000431 - Systemwide Roadway Improvements	100,000	195,000	190,000	175,000	175,000	175,000	910,000
	System & Incndnt Mgmt. - (20611) Total	100,000	195,000	190,000	175,000	175,000	175,000	910,000
Totals		\$52,041,006	\$33,813,785	\$33,125,089	\$30,936,234	\$37,693,393	\$21,626,545	\$157,195,046

FY2017 Carryover Projects and Adjustments

Information Technology - (20111)	1000431 - Systemwide Roadway Improvements	385,821	0	0	0	0	0	0
Admin Infrastructure - (20221)	1000835 - Systemwide Facility Improvements	(250,000)	250,000	0	0	0	0	250,000
Project Delivery - (20511)	1000431 - Systemwide Roadway Improvements	(10,863,153)	10,863,153	0	0	0	0	10,863,153
Project Delivery - (20511)	1000831 - Systemwide Wall Repair	(1,400,000)	1,400,000	0	0	0	0	1,400,000
Project Delivery - (20511)	1000833 - Systemwide Bridge Repair	(1,740,000)	1,740,000	0	0	0	0	1,740,000
Totals		(\$13,867,332)	\$14,253,153	\$0	\$0	\$0	\$0	\$14,253,153
Total FY2018 - FY2022 Reserve Maintenance Project Costs		\$38,173,674	\$48,066,938	\$33,125,089	\$30,936,234	\$37,693,393	\$21,626,545	\$171,448,199

Report contains only project costs.

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

Information Technology - (20111)	1000431 - Systemwide Roadway Improvements	\$ 3,610,821	\$ 6,276,896	See page 27.
Admin Infrastructure - (20221)	1000835 - Systemwide Facility Improvements	\$ 1,675,000	\$ 2,325,000	See page 34.
Project Delivery - (20511)	1000431 - Systemwide Roadway Improvements	\$ 18,921,601	\$ 21,087,060	See page 36.
Project Delivery - (20511)	1000831 - Systemwide Wall Repair	\$ 550,000	\$ 1,750,000	See page 37.
Project Delivery - (20511)	1000833 - Systemwide Bridge Repair	\$ 2,590,000	\$ 3,115,000	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.		FY2018	FY2019	FY2020	FY2021	FY2022	
		Personnel	--	--	--	--	--	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
	Property Management	--	--	--	--	--	--	
	Totals	--	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Infrastructure Rdway/Hwy/Bridg - (541401)	3,610,821	6,276,896	6,298,816	3,640,857	4,919,130	2,511,410	23,647,109	
Total Allocations	3,610,821	6,276,896	6,298,816	3,640,857	4,919,130	2,511,410	23,647,109	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	3,610,821	6,276,896	6,298,816	3,640,857	4,919,130	2,511,410	23,647,109	
Total Funds	3,610,821	6,276,896	6,298,816	3,640,857	4,919,130	2,511,410	23,647,109	

(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	FY2018	FY2019	FY2020	FY2021	FY2022	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	--
Totals		--	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Computers - (531641)	3,032,000	4,600,000	3,320,000	1,000,000	2,000,000	1,000,000	11,920,000	
Total Allocations	3,032,000	4,600,000	3,320,000	1,000,000	2,000,000	1,000,000	11,920,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	3,032,000	4,600,000	3,320,000	1,000,000	2,000,000	1,000,000	11,920,000	
Total Funds	3,032,000	4,600,000	3,320,000	1,000,000	2,000,000	1,000,000	11,920,000	

(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	FY2018	FY2019	FY2020	FY2021	FY2022	Totals
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	--
		Totals	--	--	--	--	--	--
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Computers - (531641)	2,135,000	1,950,000	763,000	765,000	495,000	495,000	4,468,000	
Total Allocations	2,135,000	1,950,000	763,000	765,000	495,000	495,000	4,468,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	2,135,000	1,950,000	763,000	765,000	495,000	495,000	4,468,000	
Total Funds	2,135,000	1,950,000	763,000	765,000	495,000	495,000	4,468,000	

(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	FY2018	FY2019	FY2020	FY2021	FY2022	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	--
		Totals	--	--	--	--	--	--
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Computers - (531641)	200,000	200,000	150,000	150,000	150,000	150,000	800,000	
Total Allocations	200,000	200,000	150,000	150,000	150,000	150,000	800,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	200,000	200,000	150,000	150,000	150,000	150,000	800,000	
Total Funds	200,000	200,000	150,000	150,000	150,000	150,000	800,000	

(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:		Operational and Maintenance Costs:						
			FY2018	FY2019	FY2020	FY2021	FY2022	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
		Totals	--	--	--	--	--	
	Budget	Budget					Five Year Totals	
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Electronic Supplies - (531106)	1,939,500	1,969,500	719,500	769,500	719,500	719,500	4,897,500	
Total Allocations	1,939,500	1,969,500	719,500	769,500	719,500	719,500	4,897,500	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	1,939,500	1,969,500	719,500	769,500	719,500	719,500	4,897,500	
Total Funds	1,939,500	1,969,500	719,500	769,500	719,500	719,500	4,897,500	

(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 head-count and to increase the efficiency of operations.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	--
Totals		--	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Software - (531651)		285,000	210,000	210,000	210,000	210,000	210,000	1,050,000
Total Allocations		285,000	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		285,000	210,000	210,000	210,000	210,000	210,000	1,050,000
Total Funds		285,000	210,000	210,000	210,000	210,000	210,000	1,050,000

(1) Provided by Finance

Project Title:	Systemwide RMF Projects - Landscape	Department (Name/Dept #): Admin Infrastructure - (20221)/20221					CIP #: 1000431	
Description:	Revitalization of plants in landscape beds due to age or disease, replacement of Autumn Sage and Texas Sage and Abelia beds.	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	FY2018	FY2019	FY2020	FY2021	FY2022	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
		Totals	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Landscaping - (522202)	190,000	300,000	330,000	290,000	310,000	300,000	1,530,000	
Total Allocations	190,000	300,000	330,000	290,000	310,000	300,000	1,530,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	190,000	300,000	330,000	290,000	310,000	300,000	1,530,000	
Total Funds	190,000	300,000	330,000	290,000	310,000	300,000	1,530,000	

(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.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022	Totals
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	--
		Totals	--	--	--	--	--	--
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Building Improvements - (541302)	1,675,000	2,325,000	1,261,000	880,000	1,130,000	1,505,000	7,101,000	
Total Allocations	1,675,000	2,325,000	1,261,000	880,000	1,130,000	1,505,000	7,101,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	1,675,000	2,325,000	1,261,000	880,000	1,130,000	1,505,000	7,101,000	
Total Funds	1,675,000	2,325,000	1,261,000	880,000	1,130,000	1,505,000	7,101,000	

(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.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Machinery - (531611)	544,100	943,789	586,498	486,498	461,700	507,870	2,986,355
Vehicles - (531621)	1,367,046	2,098,293	1,387,450	1,640,656	1,563,094	1,707,519	8,397,012
Total Allocations	1,911,146	3,042,082	1,973,948	2,127,154	2,024,794	2,215,389	11,383,367
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	1,911,146	3,042,082	1,973,948	2,127,154	2,024,794	2,215,389	11,383,367
Total Funds	1,911,146	3,042,082	1,973,948	2,127,154	2,024,794	2,215,389	11,383,367

(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	FY2018	FY2019	FY2020	FY2021	FY2022	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals		--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
General Engineering - (521213)		2,027,200	2,239,810	2,347,051	2,509,153	2,626,361	2,756,429	12,478,804
Signing Expense - (522203)		1,978,000	2,331,000	--	--	574,000	1,102,000	4,007,000
Pavement Markings - (522204)		2,921,754	970,000	2,019,800	4,873,600	4,771,200	1,710,600	14,345,200
Pavement & Shoulders - (522205)		11,304,545	12,940,000	8,388,321	5,914,262	13,761,997	2,805,000	43,809,580
Infrastructure Rdway/Hwy/Bridg - (541401)		690,102	2,606,250	870,000	1,285,000	585,000	785,000	6,131,250
Total Allocations		18,921,601	21,087,060	13,625,172	14,582,015	22,318,558	9,159,029	80,771,834
Reimbursements								
Total Reimbursement		--	--	--	--	--	--	--
Source of Funds (1)								
Revenue Distribution from the Revenue Fund		18,921,601	21,087,060	13,625,172	14,582,015	22,318,558	9,159,029	80,771,834
Total Funds		18,921,601	21,087,060	13,625,172	14,582,015	22,318,558	9,159,029	80,771,834

(1) Provided by Finance

Project Title:	Systemwide RMF Projects - Walls	Department (Name/Dept #): Project Delivery - (20511)/20511					CIP #: 1000831	
Description:	Retaining & screening wall repair and replacement projects. Projects include items such as MSE wall joint repair and repair of damaged wall panels.	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.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	--
Totals		--	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Infrastructure Rdway/Hwy/Bridg - (541401)	550,000	1,750,000	375,000	425,000	375,000	350,000	3,275,000	
Total Allocations	550,000	1,750,000	375,000	425,000	375,000	350,000	3,275,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	550,000	1,750,000	375,000	425,000	375,000	350,000	3,275,000	
Total Funds	550,000	1,750,000	375,000	425,000	375,000	350,000	3,275,000	

(1) Provided by Finance

Project Title:	Systemwide RMF Projects - Bridges	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 1000833	
Description:	Bridge repair items include such items as approach slab settlement or buckling, abutment wall cracking, bent cap cracking, wearing of driving surface (skid resistance), and deck deterioration.	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's customers. Projects must be performed at the "right time" to prevent higher cost of repairs at a later time.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Bridge Repairs - (522206)	2,590,000	3,115,000	2,800,000	4,555,000	1,700,000	1,730,746	13,900,746
Total Allocations	2,590,000	3,115,000	2,800,000	4,555,000	1,700,000	1,730,746	13,900,746
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	2,590,000	3,115,000	2,800,000	4,555,000	1,700,000	1,730,746	13,900,746
Total Funds	2,590,000	3,115,000	2,800,000	4,555,000	1,700,000	1,730,746	13,900,746

(1) Provided by Finance

Project Title:	Systemwide RMF - Annual Inspections		Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 1000836		
Description:	Annual visual inspection of NTTA's assets including pavement, bridges, walls, roadside appurtenances, buildings/facilities, etc.		Roadway (Name/Fund #): Reserve Maintenance Fund - (1201)/1201				Purpose Priority: --		
Justification:			Operational and Maintenance Costs:						
				FY2018	FY2019	FY2020	FY2021	FY2022	
			Personnel	--	--	--	--	--	--
			Supplies Expense	--	--	--	--	--	--
	Services and Charges	--	--	--	--	--	--		
	Software Annual Support	--	--	--	--	--	--		
	Property Management	--	--	--	--	--	--		
	Totals	--	--	--	--	--	--		
	Budget	Budget	Budget	Budget	Budget	Budget	Five Year Totals		
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022		
Consulting/Profess Serv Tech - (521301)	1,033,606	1,046,400	1,108,653	1,366,708	1,166,411	1,105,471	5,793,643		
Total Allocations	1,033,606	1,046,400	1,108,653	1,366,708	1,166,411	1,105,471	5,793,643		
Reimbursements									
Total Reimbursement	--	--	--	--	--	--	--		
Source of Funds (1)									
Revenue Distribution from the Revenue Fund	1,033,606	1,046,400	1,108,653	1,366,708	1,166,411	1,105,471	5,793,643		
Total Funds	1,033,606	1,046,400	1,108,653	1,366,708	1,166,411	1,105,471	5,793,643		

(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	FY2018	FY2019	FY2020	FY2021	FY2022	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals		--	--	--	--	--		
		Budget	Budget				Five Year Totals	
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Traffic Engineering Fees - (521207)		--	100,000	100,000	100,000	100,000	100,000	500,000
Small Tools and Shop Supplies - (531601)		75,000	75,000	75,000	75,000	75,000	75,000	375,000
Computers - (531641)		25,000	20,000	15,000	--	--	--	35,000
Total Allocations		100,000	195,000	190,000	175,000	175,000	175,000	910,000
Reimbursements								
Total Reimbursement		--	--	--	--	--	--	--
Source of Funds (1)								
Revenue Distribution from the Revenue Fund		100,000	195,000	190,000	175,000	175,000	175,000	910,000
Total Funds		100,000	195,000	190,000	175,000	175,000	175,000	910,000

(1) Provided by Finance

CAPITAL IMPROVEMENT PROJECTS



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 FY2018–FY2022 Capital Plan includes \$9.0 million for this project. Total project costs are estimated at \$113.9 million.

DALLAS NORTH TOLLWAY IMPROVEMENTS (I-635 TO PGBT)

NTTA added a fourth lane in each direction of the DNT from Belt Line Road to the PGBT within the existing right of way. Construction was completed in late FY2017. The FY2018–FY2022 Capital Plan includes \$3.0 million for this project. Total project costs are estimated at \$25.0 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 FY2018– FY2022 Capital Plan includes \$6.9 million for this project. Total project costs are estimated at \$101.4 million.



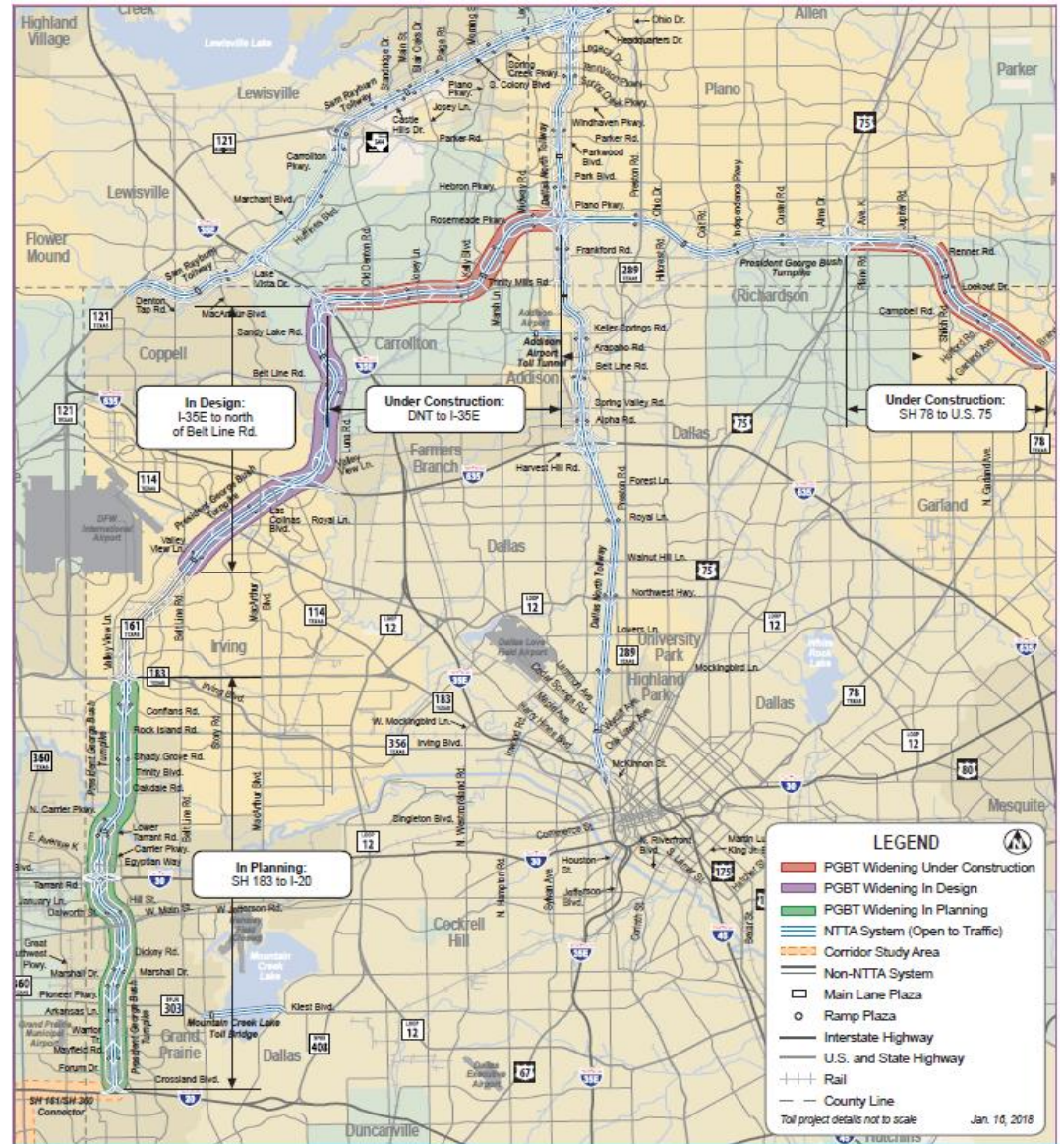
Capital Improvement Projects (continued)

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

NTTA is adding a fourth lane in each direction between I20 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 FY2015 and opened to traffic November 2016.
- Phase 2 [from SH 78 to U.S. 75]; Construction began in June 2017; anticipated completion early FY2019.
- 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)]; Construction anticipated to begin in 2018; anticipated completion in FY2020.
- Phase 5 [from SH 183 to I-20]; currently in design phase.

The FY2018–FY2022 Capital Plan includes \$111.1 million for this project. Total project costs are estimated at \$206.0 million.



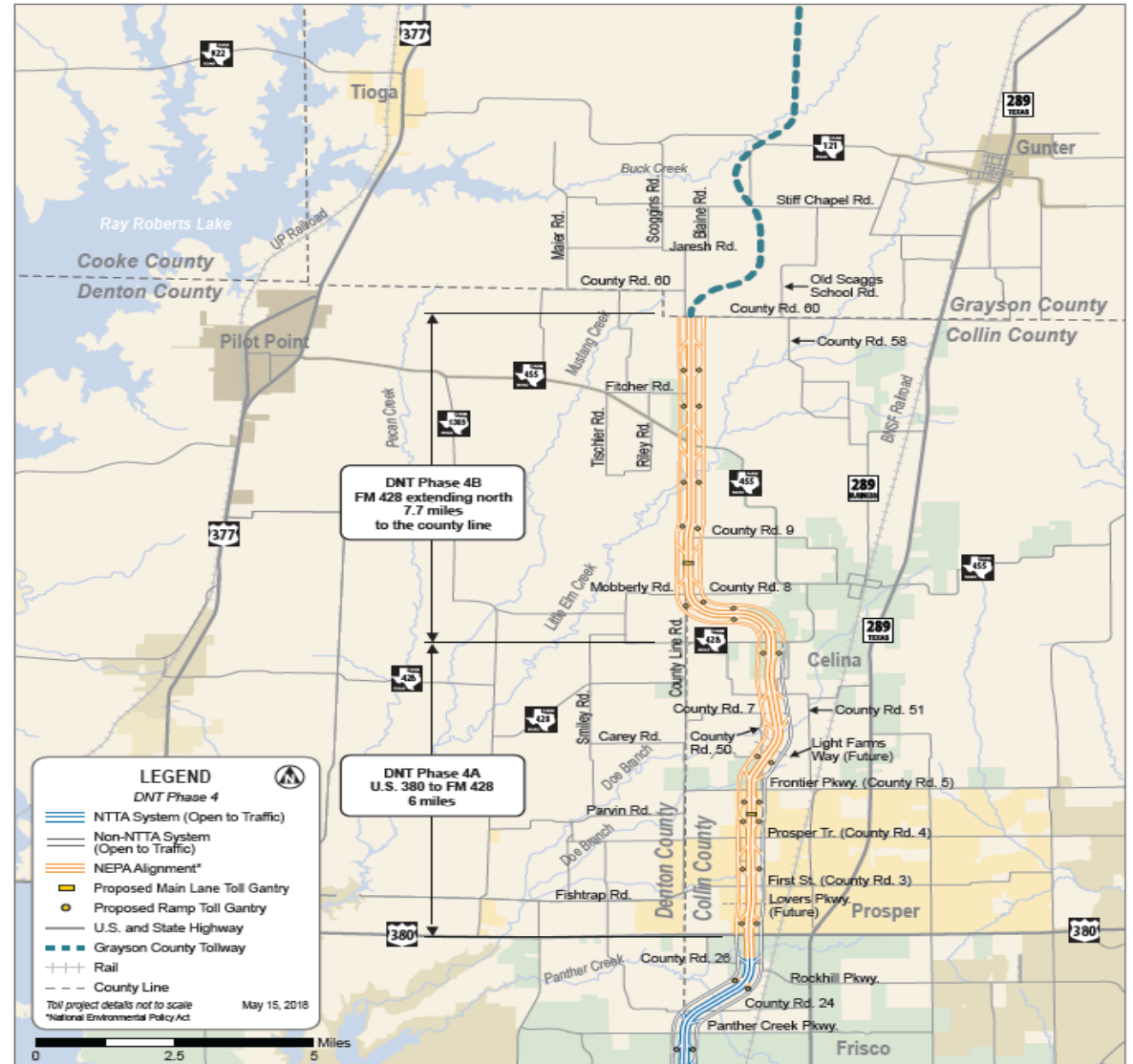
Capital Improvement Projects (continued)

DALLAS NORTH TOLLWAY PHASE 4A 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 FY2019 and is scheduled for completion in FY2021. The FY2018-FY2022 Capital Plan includes the estimated project cost of \$103.2 million. Total project costs are estimated at \$103.5 million.

DALLAS NORTH TOLLWAY PHASE 4A (SEGMENT 5)

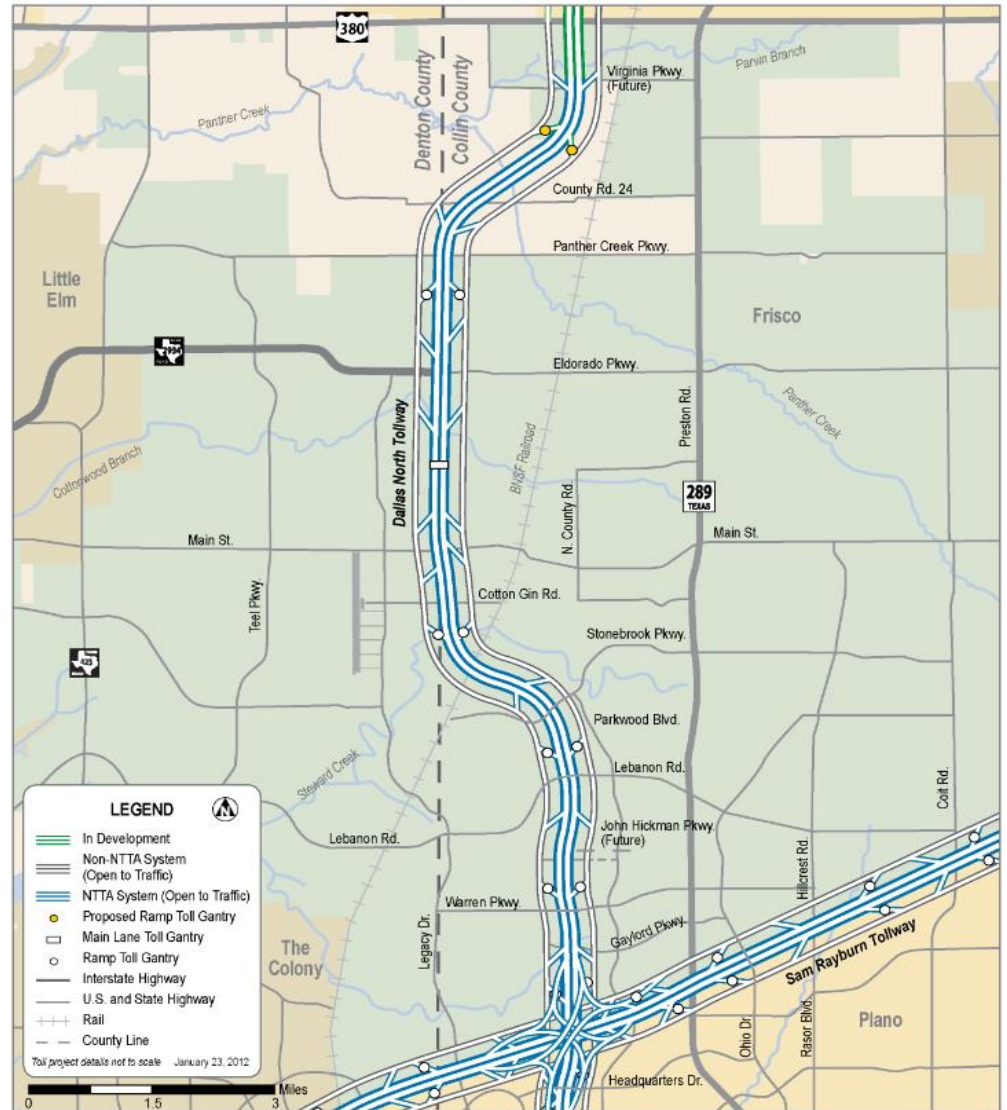
The Phase 4A extension is a 6-mile section from U.S. 380 to FM 428. The FY2018-FY2022 Capital Plan includes \$350.0 million for planning, design and construction of 6 main-lanes. Total project costs are estimated at \$350.0 million.



Capital Improvement Projects (continued)

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

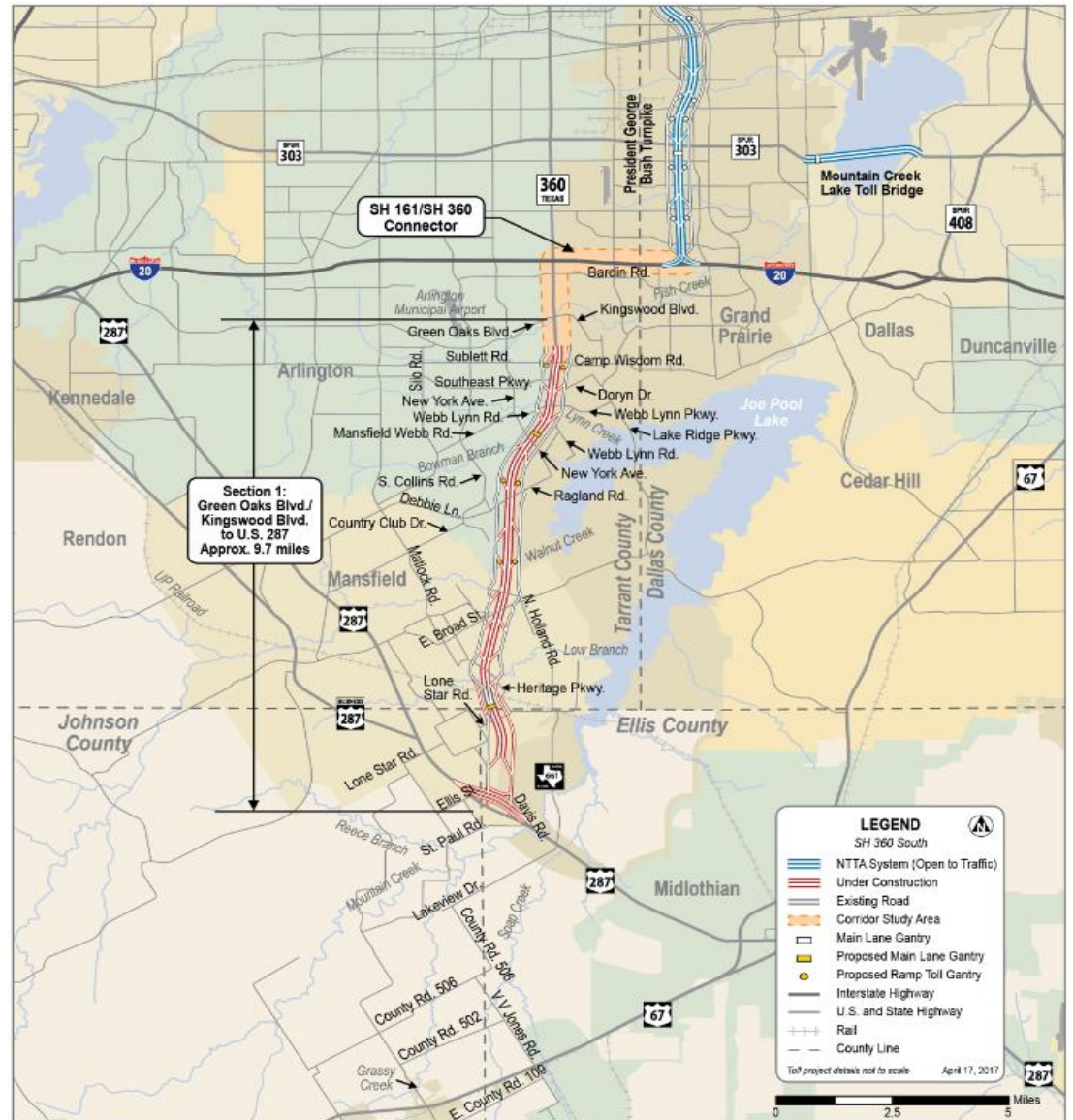
NTTA is planning to add an additional lane in each direction to DNT from SRT to U.S. 380. Environmental and schematic work scheduled to begin in FY2018 and design in FY2020. Construction is anticipated to begin in FY2021 and is scheduled for completion in FY2024. The FY2018-FY2022 Capital Plan includes \$44.2 million for this project. Total project costs are estimated at \$100.0 million.



Capital Improvement Projects (continued)

360 TOLLWAY

The project extended the roadway between the existing frontage roads from its terminus at Camp Wisdom Road in southern Tarrant County to U.S. 287 in northwestern Ellis County and northeastern Johnson County. The Texas Department of Transportation (TxDOT) developed the project through an agreement with NTTA. TxDOT funded, designed and constructed the project. TxDOT will turn it over to NTTA upon construction completion to own, operate and maintain. Construction on the project began in November 2015. It was open to traffic on May 11, 2018. The NTTA FY2018-FY2022 Capital Plan includes \$1.0 million for toll collection equipment. The total NTTA estimated project costs of \$2.3 million is being reimbursed by TxDOT.



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 FY2018 – FY2022 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. This FY2018 – FY2022 Capital Plan includes \$207.3 million for this category; an average of \$41.5 million per year.

ROADWAYS

Various improvement projects are planned across the NTTA System including but not limited to repairs, resurfacing, reconstruction and replacements. This FY2018 – FY2022 Capital Plan includes \$154.5 million for this category.

RECONSTRUCTION/REPAIR OF RETAINING WALLS

Several retaining wall projects are being developed to address identified issues. The FY2018 – FY2022 Capital Plan includes \$86.1 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 FY2019.

DNT CAPACITY IMPROVEMENTS STUDY

General engineering fees are being budgeted to identify possible capacity improvements on DNT. The FY2018 – FY2022 Capital Plan includes \$14.0 million for this project.

BUILDINGS

Buildings are being constructed, modified, improved or expanded as the NTTA System expands. Annual reviews are conducted to identify any required improvements. Over the next five years, the Capital Plan includes \$7.9 million in this category.



Capital Improvement Fund - (1501) - Project List FY2018 - FY2022 CAPITAL PLAN

Department	Project	Estimated FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Five Year Total FY2018 - FY2022
Information Technology - (20111)	1000030 - Facility Improvements	0	\$ 400,000	\$ 175,000	0	0	0	\$ 575,000
Information Technology - (20111)	7000002 - Document Management and Imaging System	850,000	500,000	350,000	0	0	0	850,000
Information Technology - (20111)	7000005 - Business Analytics	400,000	400,000	700,000	250,000	250,000	250,000	1,850,000
Information Technology - (20111)	7000006 - PCI Compliance	1,928,000	7,589,864	1,618,000	5,418,000	5,100,000	5,400,000	25,125,864
Information Technology - (20111)	7000008 - Disaster Recovery	2,000,000	4,600,000	3,430,000	2,600,000	4,600,000	3,600,000	18,830,000
Information Technology - (20111)	7000011 - Intelligent Transportation Systems Retrofit	4,150,000	3,400,000	1,400,000	1,900,000	600,000	900,000	8,200,000
Information Technology - (20111)	7000013 - Syst. Enhancements-PS-FIN	0	250,000	200,000	0	0	0	450,000
Information Technology - (20111)	7000016 - Data Storage	0	5,600,000	5,600,000	3,166,700	0	0	14,366,700
Information Technology - (20111)	7000017 - EPDS Enhancements	1,090,000	300,000	800,000	500,000	0	0	1,600,000
Information Technology - (20111)	7000018 - Redesign of Internet and Intranet	850,000	200,000	250,000	0	0	0	450,000
Information Technology - (20111)	7000021 - PeopleSoft HR HCM Enhancements	530,000	0	825,000	300,000	300,000	300,000	1,725,000
Information Technology - (20111)	7000022 - Digital Aerial Photography	148,200	0	48,200	0	48,200	0	96,400
Information Technology - (20111)	7000024 - Toll Collection Sys Software Enhancements/Maint	6,000,000	6,100,000	4,800,000	1,500,000	0	0	12,400,000
Information Technology - (20111)	7000026 - Workload Automation	200,000	0	0	0	0	0	0
Information Technology - (20111)	7000033 - Microsoft Enterprise Agreement	1,800,000	0	2,000,000	2,000,000	1,500,000	0	5,500,000
Information Technology - (20111)	7000034 - Oracle Unlimited License Agreement	3,600,000	0	4,477,488	4,811,343	0	0	9,288,831
Information Technology - (20111)	7000040 - Virtualization/Hardware Reduction	300,000	695,000	100,000	0	0	0	795,000
Information Technology - (20111)	7000042 - Computer Hardware Upgrade	0	685,000	0	0	0	0	685,000
Information Technology - (20111)	7000047 - Toll Enforcement Remedies	500,000	200,000	100,000	0	0	0	300,000
Information Technology - (20111)	7000050 - GIS Enhancement	258,200	910,000	0	0	0	0	910,000
Information Technology - (20111)	7000051 - Mobile App Enhancements	150,000	500,000	500,000	0	0	0	1,000,000
Information Technology - (20111)	7000052 - Application Testing Suite	500,000	300,000	700,000	0	0	0	1,000,000
Information Technology - (20111)	7000053 - Reconciliation Sys Enhancements	50,000	0	0	0	0	0	0
Information Technology - (20111)	7000054 - Service Desk Software Enhancements	250,000	400,000	0	0	0	0	400,000
Information Technology - (20111)	7000056 - Toll Collection System Implementation	10,000,000	3,100,002	34,800,002	23,600,002	2,300,000	2,300,000	66,100,006
Information Technology - (20111)	7000058 - Infrastructure Professional Service	600,000	900,000	0	0	0	0	900,000
Information Technology - (20111)	7000059 - Monitoring 24x7	280,000	0	0	0	0	0	0
Information Technology - (20111)	7000062 - Conf Rooms Display Enhancement	250,000	0	0	0	0	0	0
Information Technology - (20111)	7000064 - Board Room Video/Presentation Enhancement	0	100,000	0	0	0	0	100,000
Information Technology - (20111)	7000066 - Customer Correspondence	310,000	0	0	0	0	0	0
Information Technology - (20111)	7000067 - DataLogger	0	225,000	0	0	0	0	225,000
Information Technology - (20111)	7000068 - National IOP	2,500,000	200,000	100,000	100,000	100,000	0	500,000
Information Technology - (20111)	7000069 - PMIS Development	150,000	0	0	150,000	0	0	150,000
Information Technology - (20111)	7000070 - Multi-Channel Communications - CSC	2,000,000	2,000,000	3,000,000	4,500,000	2,500,000	0	12,000,000
Information Technology - (20111)	7000071 - LoneStar Module Expansion	200,000	0	0	0	0	0	0
Information Technology - (20111)	7000073 - Policy Procedure Manual Replacement	275,000	0	0	0	0	0	0
Information Technology - (20111)	7000074 - PCM Application Upgrade	330,000	0	0	0	0	0	0
Information Technology - (20111)	7000075 - Procurement Project Workflow Manager	350,000	0	0	0	0	0	0
Information Technology - (20111)	7000076 - Hyperion Upgrade/Forecasting Tool	470,000	525,000	100,000	0	0	0	625,000
Information Technology - (20111)	7000078 - Interface PS to PRISM	0	30,000	10,000	0	0	0	40,000
Information Technology - (20111)	7000081 - eProcurement Project Workflow Tracker	0	450,000	175,000	0	0	0	625,000
Information Technology - (20111)	7000086 - NTTA Employee Portal	0	400,000	150,000	0	0	0	550,000
Information Technology - (20111)	7000088 - LoneStar Enhancement Center-to-Center	0	250,000	100,000	0	0	0	350,000
Information Technology - (20111)	7000105 - Matter Management	0	250,000	25,000	0	0	0	275,000
Information Technology - (20111)	7000106 - Succession Planning	0	0	325,000	0	0	0	325,000
Information Technology - (20111)	7000107 - Managed Print	0	490,000	490,000	180,000	0	0	1,160,000
Information Technology - (20111)	7000150 - Business Diversity Tracking	320,000	0	0	0	0	0	0
Information Technology - (20111)	7001252 - Windows Server Upgrade	0	2,000,000	0	0	0	0	2,000,000
Information Technology - (20111)	7001253 - Command Center Radio Upgrade	850,000	650,000	475,000	650,000	475,000	650,000	2,900,000
Information Technology - (20111) Total		44,439,400	44,599,866	67,823,690	51,626,045	17,773,200	13,400,000	195,222,801

Department	Project	Estimated FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Five Year Total FY2018 - FY2022
Admin Infrastructure - (20221)	1000835 - Systemwide Facility Improvements	2,350,000	2,035,000	1,235,000	1,235,000	1,235,000	650,000	6,390,000
	Admin Infrastructure - (20221) Total	2,350,000	2,035,000	1,235,000	1,235,000	1,235,000	650,000	6,390,000
Project Delivery - (20511)	1000431 - Systemwide Roadway Improvements	15,899,000	4,757,000	3,378,000	14,158,288	778,000	253,500	23,324,788
Project Delivery - (20511)	2000005 - PGBT Continues Illumination	0	0	4,440,564	2,376,060	22,511,778	24,576,424	53,904,826
Project Delivery - (20511)	2000417 - PGBT Widening	34,581,776	31,643,655	35,245,622	31,029,768	13,168,245	0	111,087,290
Project Delivery - (20511)	2000430 - MSE Wall Stabilization and Maintenance Program	13,200,000	8,200,000	29,300,000	23,300,000	10,600,000	12,500,000	83,900,000
Project Delivery - (20511)	2000434 - IH 35E	15,000	0	0	0	0	0	0
Project Delivery - (20511)	2100003 - DNT 4th Lane (PGBT to SRT)	36,416,000	5,972,000	1,675,000	0	0	0	7,647,000
Project Delivery - (20511)	2100004 - DNT/PGBT IC & Ramp Mods	28,202,000	5,155,591	1,735,000	0	0	0	6,890,591
Project Delivery - (20511)	2100007 - DNT PH4A Bridges over U.S. 380	350,000	5,592,830	39,810,329	39,513,821	18,292,072	0	103,209,052
Project Delivery - (20511)	2100011 - DNT Widening (SRT to U.S. 380)	0	501,691	1,488,016	5,192,425	10,085,950	26,935,300	44,203,382
Project Delivery - (20511)	2100012 - DNT Capacity Improvements Study	0	1,000,000	1,000,000	2,000,000	5,000,000	5,000,000	14,000,000
Project Delivery - (20511)	2100013 - DNT PH4A (Segment 5)	0	0	0	0	175,000,000	175,000,000	350,000,000
Project Delivery - (20511)	2100310 - DNT South End Design Guidelines Implementation	0	5,371,870	2,828,000	2,870,317	6,645,383	16,109,251	33,824,821
Project Delivery - (20511)	2900000 - 360 Tollway	2,230,000	100,000	0	0	0	0	100,000
Project Delivery - (20511)	7000055 - DNT Improvements (I-635 to PGBT)	12,986,000	1,000,000	0	0	0	0	1,000,000
	Project Delivery - (20511) Total	143,879,776	69,294,637	120,900,531	120,440,679	262,081,428	260,374,475	833,091,750
System & Incndnt Mgmt. - (20611)	1000431 - Systemwide Roadway Improvements	4,600,000	3,250,000	3,975,000	7,075,000	9,075,000	11,375,000	34,750,000
	System & Incndnt Mgmt. - (20611) Total	4,600,000	3,250,000	3,975,000	7,075,000	9,075,000	11,375,000	34,750,000
Totals		\$195,269,176	\$119,179,503	\$193,934,221	\$180,376,724	\$290,164,628	\$285,799,475	\$1,069,454,551
FY2017 Carryover Projects and Adjustments								
Information Technology - (20111)	7000002 - Document Management and Imaging System	(200,000)	200,000	0	0	0	0	200,000
Information Technology - (20111)	7000005 - Business Analytics	(320,000)	320,000	0	0	0	0	320,000
Information Technology - (20111)	7000011 - Intelligent Transportation Systems Retrofit	(2,000,000)	2,000,000	0	0	0	0	2,000,000
Information Technology - (20111)	7000017 - EPDS Enhancements	(510,000)	510,000	0	0	0	0	510,000
Information Technology - (20111)	7000018 - Redesign of Internet and Intranet	(300,000)	300,000	0	0	0	0	300,000
Information Technology - (20111)	7000021 - PeopleSoft HR HCM Enhancements	(325,000)	325,000	0	0	0	0	325,000
Information Technology - (20111)	7000056 - Toll Collection System Implementation	(6,750,000)	6,750,000	0	0	0	0	6,750,000
Information Technology - (20111)	7000062 - Conf Rooms Display Enhancement	(100,000)	100,000	0	0	0	0	100,000
Information Technology - (20111)	7000068 - National IOP	(600,000)	600,000	0	0	0	0	600,000
Information Technology - (20111)	7000070 - Multi-Channel Communications - CSC	(1,000,000)	1,000,000	0	0	0	0	1,000,000
Admin Infrastructure - (20221)	1000835 - Systemwide Facility Improvements	(1,120,000)	1,120,000	0	0	0	0	1,120,000
Project Delivery - (20511)	1000431 - Systemwide Roadway Improvements	(6,773,000)	6,773,000	0	0	0	0	6,773,000
Project Delivery - (20511)	2000417 - PGBT Widening	(6,353,419)	0	0	0	0	0	0
Project Delivery - (20511)	2000430 - MSE Wall Stabilization and Maintenance Program	(2,200,000)	2,200,000	0	0	0	0	2,200,000
Project Delivery - (20511)	2100003 - DNT 4th Lane (PGBT to SRT)	(2,377,000)	1,402,000	0	0	0	0	1,402,000
Project Delivery - (20511)	2100004 - DNT/PGBT IC & Ramp Mods	(1,277,000)	0	0	0	0	0	0
Project Delivery - (20511)	2900000 - 360 Tollway	(876,400)	876,400	0	0	0	0	876,400
Project Delivery - (20511)	7000055 - DNT Improvements (I-635 to PGBT)	(2,031,727)	2,031,727	0	0	0	0	2,031,727
System & Incndnt Mgmt. - (20611)	1000431 - Systemwide Roadway Improvements	(700,000)	0	0	0	0	0	0
Totals		(\$35,813,546)	\$26,508,127	\$0	\$0	\$0	\$0	\$26,508,127
Total FY2018 - FY2022 Capital Improvement Project Costs		\$159,455,630	\$145,687,630	\$193,934,221	\$180,376,724	\$290,164,628	\$285,799,475	\$1,095,962,678

Report contains only project costs.

Department	Project	Estimated FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Five Year Total FY2018 - FY2022
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Changes to projects are color coded. Amounts must be added for total project cost.

Information Technology - (20111)	7000002 - Document Management and Imaging System	650,000	700,000					See page 53.
Information Technology - (20111)	7000005 - Business Analytics	80,000	720,000					See page 54.
Information Technology - (20111)	7000011 - Intelligent Transportation Systems Retrofit	2,150,000	5,400,000					See page 57.
Information Technology - (20111)	7000017 - EPDS Enhancements	580,000	810,000					See page 60.
Information Technology - (20111)	7000018 - Redesign of Internet and Intranet	550,000	500,000					See page 61.
Information Technology - (20111)	7000021 - PeopleSoft HR HCM Enhancements	205,000	325,000					See page 62.
Information Technology - (20111)	7000056 - Toll Collection System Implementation	3,250,000	9,850,002					See page 76.
Information Technology - (20111)	7000062 - Conf Rooms Display Enhancement	150,000	100,000					See page 79.
Information Technology - (20111)	7000068 - National IOP	1,900,000	800,000					See page 83.
Information Technology - (20111)	7000070 - Multi-Channel Communications - CSC	1,000,000	3,000,000					See page 85.
Admin Infrastructure - (20221)	1000835 - Systemwide Facility Improvements	1,230,000	3,155,000					See page 101.
Project Delivery - (20511)	1000431 - Systemwide Roadway Improvements	9,126,000	11,530,000					See page 102.
Project Delivery - (20511)	2000417 - PGBT Widening	28,228,357	31,643,655					See page 103.
Project Delivery - (20511)	2000430 - MSE Wall Stabilization and Maintenance Program	11,000,000	10,400,000					See page 104.
Project Delivery - (20511)	2100003 - DNT 4th Lane (PGBT to SRT)	34,039,000	7,374,000					See page 106.
Project Delivery - (20511)	2100004 - DNT/PGBT IC & Ramp Mods	26,925,000	5,155,591					See page 107.
Project Delivery - (20511)	2900000 - 360 Tollway	1,353,600	976,400					See page 113.
Project Delivery - (20511)	7000055 - DNT Improvements (I-635 to PGBT)	10,954,273	3,031,727					See page 114.
System & Incdnt Mgmt. - (20611)	1000431 - Systemwide Roadway Improvements	3,900,000	3,250,000					See page 115.

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	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals	--	--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	--	150,000	75,000	--	--	--	225,000
Computers - (531641)	--	200,000	100,000	--	--	--	300,000
Software - (531651)	--	50,000	--	--	--	--	50,000
Total Allocations	--	400,000	175,000	--	--	--	575,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	--	400,000	175,000	--	--	--	575,000
Total Funds	--	400,000	175,000	--	--	--	575,000

(1) Provided by Finance

Project Title:	Document Imaging/Document Management System	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000002		
Description:	Replacement of AppXtender/WebXtender which, is at end of life and unsupported.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 3		
		Operational and Maintenance Costs:						
Justification:	The AppXtender application is out of support and has limited functionality. Procurement and Legal have asked for a new application that allows for searchable documents with alternate keys.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals		--	--	--	--	--		
		Budget	Budget				Five Year Totals	
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)		500,000	250,000	250,000	--	--	--	500,000
Computers - (531641)		--	100,000	100,000	--	--	--	200,000
Software - (531651)		150,000	350,000	--	--	--	--	350,000
Total Allocations		650,000	700,000	350,000	--	--	--	1,050,000
Reimbursements								
Total Reimbursement		--	--	--	--	--	--	--
Source of Funds (1)								
Revenue Distribution from the Revenue Fund		650,000	700,000	350,000	--	--	--	1,050,000
Total Funds		650,000	700,000	350,000	--	--	--	1,050,000

(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.		FY2018	FY2019	FY2020	FY2021	FY2022	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
	Property Management	--	--	--	--	--		
	Totals	--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Consulting/Profess Serv Tech - (521301)	50,000	30,000	200,000	250,000	50,000	250,000	780,000	
Computers - (531641)	30,000	210,000	200,000	--	--	--	410,000	
Software - (531651)	--	480,000	300,000	--	200,000	--	980,000	
Total Allocations	80,000	720,000	700,000	250,000	250,000	250,000	2,170,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	80,000	720,000	700,000	250,000	250,000	250,000	2,170,000	
Total Funds	80,000	720,000	700,000	250,000	250,000	250,000	2,170,000	

(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.		FY2018	FY2019	FY2020	FY2021	FY2022	
		Personnel	--	--	--	--	--	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	
		Totals	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Consulting/Profess Serv Tech - (521301)	928,000	6,589,864	618,000	4,418,000	4,100,000	4,100,000	19,825,864	
Computers - (531641)	500,000	500,000	500,000	500,000	500,000	600,000	2,600,000	
Software - (531651)	500,000	500,000	500,000	500,000	500,000	700,000	2,700,000	
Total Allocations	1,928,000	7,589,864	1,618,000	5,418,000	5,100,000	5,400,000	25,125,864	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	1,928,000	7,589,864	1,618,000	5,418,000	5,100,000	5,400,000	25,125,864	
Total Funds	1,928,000	7,589,864	1,618,000	5,418,000	5,100,000	5,400,000	25,125,864	

(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.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	

Project Allocation	Budget	Budget					Five Year Totals
	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	1,000,000	1,400,000	430,000	400,000	1,400,000	1,400,000	5,030,000
Computers - (531641)	700,000	2,600,000	2,500,000	2,000,000	2,600,000	1,600,000	11,300,000
Software - (531651)	300,000	600,000	500,000	200,000	600,000	600,000	2,500,000
Total Allocations	2,000,000	4,600,000	3,430,000	2,600,000	4,600,000	3,600,000	18,830,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	2,000,000	4,600,000	3,430,000	2,600,000	4,600,000	3,600,000	18,830,000
Total Funds	2,000,000	4,600,000	3,430,000	2,600,000	4,600,000	3,600,000	18,830,000

(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:					
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.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	300,000	1,400,000	200,000	200,000	200,000	200,000	2,200,000
Computers - (531641)	--	500,000	--	1,000,000	--	--	1,500,000
Infrastructure - Other - (541403)	1,850,000	3,500,000	1,200,000	700,000	400,000	700,000	6,500,000
Total Allocations	2,150,000	5,400,000	1,400,000	1,900,000	600,000	900,000	10,200,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	2,150,000	5,400,000	1,400,000	1,900,000	600,000	900,000	10,200,000
Total Funds	2,150,000	5,400,000	1,400,000	1,900,000	600,000	900,000	10,200,000

(1) Provided by Finance

Project Title:	PeopleSoft Financial System Enhancements	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 700013		
Description:	Continued enhancement to PeopleSoft Financials 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:	Procurement requested additional features to the eBid system and possibly PRISM (used for Business Diversity Compliance Reporting). Payroll is requesting a more robust Travel and Expense system that works with PeopleSoft Financials.		FY2018	FY2019	FY2020	FY2021	FY2022	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
	Property Management	--	--	--	--	--		
	Totals	--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Consulting/Profess Serv Tech - (521301)	--	200,000	200,000	--	--	--	400,000	
Computers - (531641)	--	50,000	--	--	--	--	50,000	
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:	Data Storage	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 700016	
Description:	Reporting has become more critical than ever before to the NTTA as we more aggressively monitor and manage revenue and expenses, and as we enter into Tolling Service Agreements.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Financial reporting currently is done against operational databases and can have adverse effects on applications performance. The implementation of Data Storage will remove the load of reporting from the transactional databases.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Computers - (531641)		--	5,600,000	5,600,000	3,166,700	--	--
Total Allocations		--	5,600,000	5,600,000	3,166,700	--	--
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		--	5,600,000	5,600,000	3,166,700	--	--
Total Funds		--	5,600,000	5,600,000	3,166,700	--	--

(1) Provided by Finance

Project Title:	Enterprise Project Delivery System (EPDS) Enhancements	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000017	
Description:	Continued enhancement, expansion and upgrade of Enterprise Project Delivery System (EPDS) in order to support the contract tracking and payment needs of organization.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Complete the functional deployment of Proliance (EPDS) 5.6 as well as the full deployment of new SharePoint environment.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
Project Allocation		Budget	Budget				Five Year Totals
		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Consulting/Profess Serv Tech - (521301)		90,000	500,000	500,000	500,000	--	--
Computers - (531641)		240,000	10,000	--	--	--	--
Software - (531651)		250,000	300,000	300,000	--	--	--
Total Allocations		580,000	810,000	800,000	500,000	--	--
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		580,000	810,000	800,000	500,000	--	--
Total Funds		580,000	810,000	800,000	500,000	--	--

(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.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	210,000	200,000	250,000	--	--	--	450,000
Computers - (531641)	90,000	100,000	--	--	--	--	100,000
Software - (531651)	250,000	200,000	--	--	--	--	200,000
Total Allocations	550,000	500,000	250,000	--	--	--	750,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	550,000	500,000	250,000	--	--	--	750,000
Total Funds	550,000	500,000	250,000	--	--	--	750,000

(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.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	25,000	150,000	825,000	300,000	300,000	300,000	1,875,000
Computers - (531641)	80,000	75,000	--	--	--	--	75,000
Software - (531651)	100,000	100,000	--	--	--	--	100,000
Total Allocations	205,000	325,000	825,000	300,000	300,000	300,000	2,050,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	205,000	325,000	825,000	300,000	300,000	300,000	2,050,000
Total Funds	205,000	325,000	825,000	300,000	300,000	300,000	2,050,000

(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).	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals	--	--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Consulting/Profess Serv Tech - (521301)	148,200	--	48,200	--	48,200	--	96,400	
Total Allocations	148,200	--	48,200	--	48,200	--	96,400	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	148,200	--	48,200	--	48,200	--	96,400	
Total Funds	148,200	--	48,200	--	48,200	--	96,400	

(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:					
		FY2018	FY2019	FY2020	FY2021	FY2022	
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget					Five Year Totals
Project Allocation	Budget	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
	FY2017						
Consulting/Profess Serv Tech - (521301)	500,000	300,000	--	--	--	--	300,000
Computers - (531641)	500,000	800,000	--	--	--	--	800,000
Software - (531651)	5,000,000	5,000,000	4,800,000	1,500,000	--	--	11,300,000
Total Allocations	6,000,000	6,100,000	4,800,000	1,500,000	--	--	12,400,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	6,000,000	6,100,000	4,800,000	1,500,000	--	--	12,400,000
Total Funds	6,000,000	6,100,000	4,800,000	1,500,000	--	--	12,400,000

(1) Provided by Finance

Project Title:	Workload Automation	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 700026	
Description:	Upgrade equipment for Enterprise System Monitoring.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Upgrade of our server and storage infrastructure to meet the Authority's needs and provide a supportable system capable of handling the future needs for our customers.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Consulting/Profess Serv Tech - (521301)		200,000	--	--	--	--	--
Total Allocations		200,000	--	--	--	--	--
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		200,000	--	--	--	--	--
Total Funds		200,000	--	--	--	--	--

(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	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Software - (531651)	1,800,000	--	2,000,000	2,000,000	1,500,000	--	5,500,000
Total Allocations	1,800,000	--	2,000,000	2,000,000	1,500,000	--	5,500,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	1,800,000	--	2,000,000	2,000,000	1,500,000	--	5,500,000
Total Funds	1,800,000	--	2,000,000	2,000,000	1,500,000	--	5,500,000

(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	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Software - (531651)	3,600,000	--	4,477,488	4,811,343	--	--	9,288,831
Total Allocations	3,600,000	--	4,477,488	4,811,343	--	--	9,288,831
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	3,600,000	--	4,477,488	4,811,343	--	--	9,288,831
Total Funds	3,600,000	--	4,477,488	4,811,343	--	--	9,288,831

(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	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Consulting/Profess Serv Tech - (521301)		150,000	250,000	--	--	--	--
Software - (531651)		150,000	445,000	100,000	--	--	--
Total Allocations		300,000	695,000	100,000	--	--	--
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		300,000	695,000	100,000	--	--	--
Total Funds		300,000	695,000	100,000	--	--	--

(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	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Computers - (531641)		--	685,000	--	--	--	--
Total Allocations		--	685,000	--	--	--	--
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		--	685,000	--	--	--	--
Total Funds		--	685,000	--	--	--	--

(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.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	300,000	200,000	100,000	--	--	--	300,000
Computers - (531641)	150,000	--	--	--	--	--	--
Software - (531651)	50,000	--	--	--	--	--	--
Total Allocations	500,000	200,000	100,000	--	--	--	300,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	500,000	200,000	100,000	--	--	--	300,000
Total Funds	500,000	200,000	100,000	--	--	--	300,000

(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).		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
	Budget	Budget	Budget	Budget	Budget	Budget	Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	248,200	260,000	--	--	--	--	260,000
Software - (531651)	10,000	650,000	--	--	--	--	650,000
Total Allocations	258,200	910,000	--	--	--	--	910,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	258,200	910,000	--	--	--	--	910,000
Total Funds	258,200	910,000	--	--	--	--	910,000

(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.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals	--	--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Professional - (521201)	--	--	--	--	--	--	--
Software - (531651)	150,000	500,000	500,000	--	--	--	1,000,000
Total Allocations	150,000	500,000	500,000	--	--	--	1,000,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	150,000	500,000	500,000	--	--	--	1,000,000
Total Funds	150,000	500,000	500,000	--	--	--	1,000,000

(1) Provided by Finance

Project Title:	Application Testing Suite	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000052	
Description:	Application testing suite that allows teams to execute and track testing of new or updated applications. Functions can also include load testing, regression testing, etc.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	A testing suite such as HP Quality Center can help development teams discover application bugs/issues and possible performance issues before production deployment.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Software - (531651)	500,000	300,000	700,000	--	--	--	1,000,000
Total Allocations	500,000	300,000	700,000	--	--	--	1,000,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	500,000	300,000	700,000	--	--	--	1,000,000
Total Funds	500,000	300,000	700,000	--	--	--	1,000,000

(1) Provided by Finance

Project Title:	Reconciliation Software Implementation	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000053	
Description:	Trintech Reconnect	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	In order to meet Internal Audit requirements for reconciliation of accounts this software was chosen via RFP process to facilitate automated reconciliation of credit card and bank accounts.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Software - (531651)	50,000	--	--	--	--	--	--
Total Allocations	50,000	--	--	--	--	--	--
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	50,000	--	--	--	--	--	--
Total Funds	50,000	--	--	--	--	--	--

(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.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Consulting/Professional - (521201)		150,000	--	--	--	--	--
Software - (531651)		100,000	400,000	--	--	--	400,000
Total Allocations		250,000	400,000	--	--	--	400,000
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		250,000	400,000	--	--	--	400,000
Total Funds		250,000	400,000	--	--	--	400,000

(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	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
Project Allocation		Budget	Budget				Five Year Totals
	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Professional - (521201)	1,500,000	800,000	2,200,000	2,000,000	--	--	5,000,000
Consulting/Profess Serv Tech - (521301)	--	3,250,002	3,250,002	3,250,002	800,000	800,000	11,350,006
Computers - (531641)	--	2,000,000	12,350,000	1,350,000	--	--	15,700,000
Software - (531651)	8,500,000	3,800,000	17,000,000	17,000,000	1,500,000	1,500,000	40,800,000
Total Allocations	10,000,000	9,850,002	34,800,002	23,600,002	2,300,000	2,300,000	72,850,006
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	10,000,000	9,850,000	34,800,002	23,600,002	2,300,000	2,300,000	72,850,004
Total Funds	10,000,000	9,850,000	34,800,002	23,600,002	2,300,000	2,300,000	72,850,004

(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: --	
		Operational and Maintenance Costs:					
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.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Professional - (521201)	600,000	900,000	--	--	--	--	900,000
Total Allocations	600,000	900,000	--	--	--	--	900,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	600,000	900,000	--	--	--	--	900,000
Total Funds	600,000	900,000	--	--	--	--	900,000

(1) Provided by Finance

Project Title:	24x7 Monitoring	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000059	
Description:	24x7 monitoring of the Authority's computer systems.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	To procure 24x7 security monitoring, manage service, enhance security and compliance while considering the increasing threat landscape.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Software - (531651)		280,000	--	--	--	--	--
Total Allocations		280,000	--	--	--	--	--
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		280,000	--	--	--	--	--
Total Funds		280,000	--	--	--	--	--

(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.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Infrastructure - Other - (541403)	150,000	100,000	--	--	--	--	100,000
Total Allocations	150,000	100,000	--	--	--	--	100,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	150,000	100,000	--	--	--	--	100,000
Total Funds	150,000	100,000	--	--	--	--	100,000

(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.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Infrastructure - Other - (541403)	--	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:	Customer Correspondence	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000066	
Description:	To implement solutions to enhance customer experience.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 3	
		Operational and Maintenance Costs:					
Justification:	Streamline the manual process of tracking all paper correspondence with customers. Letters sent from customers will be scanned into a system that enables an online workflow of responding to customer correspondence.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	150,000	--	--	--	--	--	--
Computers - (531641)	60,000	--	--	--	--	--	--
Software - (531651)	100,000	--	--	--	--	--	--
Total Allocations	310,000	--	--	--	--	--	--
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	310,000	--	--	--	--	--	--
Total Funds	310,000	--	--	--	--	--	--

(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:					
			<u>FY2018</u>	<u>FY2019</u>	<u>FY2020</u>	<u>FY2021</u>	<u>FY2022</u>
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Software - (531651)	--	225,000	--	--	--	--	225,000
Total Allocations	--	225,000	--	--	--	--	225,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	--	225,000	--	--	--	--	225,000
Total Funds	--	225,000	--	--	--	--	225,000

(1) Provided by Finance

Project Title:	National IOP	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 700068		
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.		FY2018	FY2019	FY2020	FY2021	FY2022	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
		Totals	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Consulting/Profess Serv Tech - (521301)	300,000	--	--	--	--	--	--	
Software - (531651)	1,600,000	800,000	100,000	100,000	100,000	--	1,100,000	
Total Allocations	1,900,000	800,000	100,000	100,000	100,000	--	1,100,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	1,900,000	800,000	100,000	100,000	100,000	--	1,100,000	
Total Funds	1,900,000	800,000	100,000	100,000	100,000	--	1,100,000	

(1) Provided by Finance

Project Title:	PMIS Development	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 700069		
Description:	NTTA Project Tracking	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --		
		Operational and Maintenance Costs:						
Justification:	A solution that allows the PMO office to track NTTA projects from concept to deployment. The solution enables a better view of the enterprise environment and projects.		FY2018	FY2019	FY2020	FY2021	FY2022	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
		Totals	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Consulting/Profess Serv Tech - (521301)	100,000	--	--	100,000	--	--	100,000	
Software - (531651)	50,000	--	--	50,000	--	--	50,000	
Total Allocations	150,000	--	--	150,000	--	--	150,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	150,000	--	--	150,000	--	--	150,000	
Total Funds	150,000	--	--	150,000	--	--	150,000	

(1) Provided by Finance

Project Title:	Multi-Channel Communications - Customer Service Center	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000070	
Description:	Multi-Channel Communications - Customer Service Center	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 2	
Justification:	Implement online chat and various customer correspondence capabilities to enhance customer experience.	Operational and Maintenance Costs:					
			FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	
		Totals	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	--	2,000,000	2,000,000	3,500,000	1,500,000	--	9,000,000
Computers - (531641)	500,000	500,000	500,000	500,000	500,000	--	2,000,000
Software - (531651)	500,000	500,000	500,000	500,000	500,000	--	2,000,000
Total Allocations	1,000,000	3,000,000	3,000,000	4,500,000	2,500,000	--	13,000,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	1,000,000	3,000,000	3,000,000	4,500,000	2,500,000	--	13,000,000
Total Funds	1,000,000	3,000,000	3,000,000	4,500,000	2,500,000	--	13,000,000

(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.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Consulting/Profess Serv Tech - (521301)		200,000	--	--	--	--	--
Total Allocations		200,000	--	--	--	--	--
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		200,000	--	--	--	--	--
Total Funds		200,000	--	--	--	--	--

(1) Provided by Finance

Project Title:	Policy Procedure Manual Replacement	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000073	
Description:	PPM is nearing end of life and needs to be upgraded or replaced.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	The upgrade or replacement is needed to ensure the application is supportable. There may be an opportunity to use functionality in a future EDM tool and eliminate the need for a separate application.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Consulting/Profess Serv Tech - (521301)		100,000	--	--	--	--	--
Computers - (531641)		100,000	--	--	--	--	--
Software - (531651)		75,000	--	--	--	--	--
Total Allocations		275,000	--	--	--	--	--
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		275,000	--	--	--	--	--
Total Funds		275,000	--	--	--	--	--

(1) Provided by Finance

Project Title:	PeopleSoft Cost Model Application Upgrade	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000074	
Description:	PeopleSoft Cost Model is used for NTTA cost model reporting.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	Ensure the application and hardware/OS is supported.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Consulting/Profess Serv Tech - (521301)		200,000	--	--	--	--	--
Computers - (531641)		30,000	--	--	--	--	--
Software - (531651)		100,000	--	--	--	--	--
Total Allocations		330,000	--	--	--	--	--
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		330,000	--	--	--	--	--
Total Funds		330,000	--	--	--	--	--

(1) Provided by Finance

Project Title:	Procurement Project Workflow Manager	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000075	
Description:	Procurement Project Workflow Manager is a hosted tool that allows Procurement to track all of NTTA's procurement related projects.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	The process is manual today. This project will enable the Procurement team to complete projects more efficiently and accurately.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	270,000	--	--	--	--	--	--
Software - (531651)	80,000	--	--	--	--	--	--
Total Allocations	350,000	--	--	--	--	--	--
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	350,000	--	--	--	--	--	--
Total Funds	350,000	--	--	--	--	--	--

(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.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	200,000	300,000	100,000	--	--	--	400,000
Computers - (531641)	270,000	75,000	--	--	--	--	75,000
Software - (531651)	--	150,000	--	--	--	--	150,000
Total Allocations	470,000	525,000	100,000	--	--	--	625,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	470,000	525,000	100,000	--	--	--	625,000
Total Funds	470,000	525,000	100,000	--	--	--	625,000

(1) Provided by Finance

Project Title:	Interface PeopleSoft to PRISM	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000078	
Description:	Intergrate new BDD tracking data between PeopleSoft and Early Morning Software/PRISM.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	This project is required for board and government compliance reporting. Internal labor will be used to configure the application. EMS will require consulting fees to integrate the data into their system (PRISM).		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	--	30,000	10,000	--	--	--	40,000
Total Allocations	--	30,000	10,000	--	--	--	40,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	--	30,000	10,000	--	--	--	40,000
Total Funds	--	30,000	10,000	--	--	--	40,000

(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.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	--	250,000	175,000	--	--	--	425,000
Software - (531651)	--	200,000	--	--	--	--	200,000
Total Allocations	--	450,000	175,000	--	--	--	625,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	--	450,000	175,000	--	--	--	625,000
Total Funds	--	450,000	175,000	--	--	--	625,000

(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.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Consulting/Profess Serv Tech - (521301)		--	300,000	150,000	--	--	--
Software - (531651)		--	100,000	--	--	--	--
Total Allocations		--	400,000	150,000	--	--	--
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		--	400,000	150,000	--	--	--
Total Funds		--	400,000	150,000	--	--	--

(1) Provided by Finance

Project Title:	LoneStar Enhancement - Phase 4	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000088	
Description:	LoneStar Phase 4 is a continuation of turning on existing modules for the SIM department. Actual modules will be determined as current projects are completed.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	Enhance safety and toll customer support.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	--	200,000	100,000	--	--	--	300,000
Computers - (531641)	--	50,000	--	--	--	--	50,000
Total Allocations	--	250,000	100,000	--	--	--	350,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	--	250,000	100,000	--	--	--	350,000
Total Funds	--	250,000	100,000	--	--	--	350,000

(1) Provided by Finance

Project Title:	Matter Management Software for Legal	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000105	
Description:	Legal is requesting replacement software for the current case tracking software called Serengeti. The software tracks active cases and provides workflow tools.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	Current software Serengeti, is hosted and the contract is at end of life.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022
Consulting/Profess Serv Tech - (521301)		--	100,000	25,000	--	--	--
Computers - (531641)		--	50,000	--	--	--	--
Software - (531651)		--	100,000	--	--	--	--
Total Allocations		--	250,000	25,000	--	--	--
Reimbursements							
Total Reimbursement		--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund		--	250,000	25,000	--	--	--
Total Funds		--	250,000	25,000	--	--	--

(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.		FY2018	FY2019	FY2020	FY2021	FY2022	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
	Property Management	--	--	--	--	--		
	Totals	--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
General Engineering - (521213)	--	--	150,000	--	--	--	150,000	
Computers - (531641)	--	--	75,000	--	--	--	75,000	
Software - (531651)	--	--	100,000	--	--	--	100,000	
Total Allocations	--	--	325,000	--	--	--	325,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	--	--	325,000	--	--	--	325,000	
Total Funds	--	--	325,000	--	--	--	325,000	

(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	FY2018	FY2019	FY2020	FY2021	FY2022	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals		--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Consulting/Profess Serv Tech - (521301)	--	310,000	310,000	--	--	--	620,000	
Computers - (531641)	--	180,000	180,000	180,000	--	--	540,000	
Total Allocations	--	490,000	490,000	180,000	--	--	1,160,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	--	490,000	490,000	180,000	--	--	1,160,000	
Total Funds	--	490,000	490,000	180,000	--	--	1,160,000	

(1) Provided by Finance

Project Title:	Business Diversity Tracking	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7000150	
Description:	Solution for tracking activity and compliance for primes and subcontractors by providing them access to a system that includes tracking payments, certifications, and goal compliance to provide accurate and dynamic reporting.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	Business Diversity has a manual process of entering data into a spreadsheet that will be replaced with an accurate and dynamic solution for reporting efficiencies.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Consulting/Profess Serv Tech - (521301)	300,000	--	--	--	--	--	--
Software - (531651)	20,000	--	--	--	--	--	--
Total Allocations	320,000	--	--	--	--	--	--
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	320,000	--	--	--	--	--	--
Total Funds	320,000	--	--	--	--	--	--

(1) Provided by Finance

Project Title:	Windows Server Upgrade	Department (Name/Dept #): Information Technology - (20111)/20111				CIP #: 7001252	
Description:	Continued enhancement of Windows Server 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:	Microsoft Server Engineer as part of Staff Augmentation to support our ongoing needs to upgrade servers from 2008 to 2012.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Computers - (531641)	--	2,000,000	--	--	--	--	2,000,000
Total Allocations	--	2,000,000	--	--	--	--	2,000,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	--	2,000,000	--	--	--	--	2,000,000
Total Funds	--	2,000,000	--	--	--	--	2,000,000

(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.		FY2018	FY2019	FY2020	FY2021	FY2022	
		Personnel	--	--	--	--	--	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
	Property Management	--	--	--	--	--	--	
	Totals	--	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Consulting/Profess Serv Tech - (521301)	100,000	100,000	75,000	100,000	75,000	100,000	450,000	
Computers - (531641)	500,000	300,000	200,000	300,000	200,000	300,000	1,300,000	
Software - (531651)	250,000	250,000	200,000	250,000	200,000	250,000	1,150,000	
Total Allocations	850,000	650,000	475,000	650,000	475,000	650,000	2,900,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	850,000	650,000	475,000	650,000	475,000	650,000	2,900,000	
Total Funds	850,000	650,000	475,000	650,000	475,000	650,000	2,900,000	

(1) Provided by Finance

Project Title:	Systemwide CIF Projects - Buildings	Department (Name/Dept #): Admin Infrastructure - (20221)/20221					CIP #: 1000835	
Description:	Major building modifications and/or expansion.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501					Purpose Priority: 2	
		Operational and Maintenance Costs:						
Justification:	Buildings are modified or expanded as NTTA system expands. Annual inspections are conducted to identify any improvements required.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	--
Totals		--	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Building Improvements - (541302)	2,350,000	2,955,000	1,235,000	1,235,000	1,235,000	650,000	7,310,000	
Infrastructure Rdway/Hwy/Bridg - (541401)	--	200,000	--	--	--	--	200,000	
Total Allocations	2,350,000	3,155,000	1,235,000	1,235,000	1,235,000	650,000	7,510,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	2,350,000	3,155,000	1,235,000	1,235,000	1,235,000	650,000	7,510,000	
Total Funds	2,350,000	3,155,000	1,235,000	1,235,000	1,235,000	650,000	7,510,000	

(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.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022	--
		Supplies Expense	--	--	--	--	--	--
		Services and Charges	--	--	--	--	--	--
		Software Annual Support	--	--	--	--	--	--
		Property Management	--	--	--	--	--	--
Totals		--	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
General Engineering - (521213)	225,000	228,000	228,000	228,000	228,000	253,500	1,165,500	
Infrastructure Rdway/Hwy/Bridg - (541401)	15,674,000	11,302,000	3,150,000	13,930,288	550,000	--	28,932,288	
Total Allocations	15,899,000	11,530,000	3,378,000	14,158,288	778,000	253,500	30,097,788	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	15,899,000	11,530,000	3,378,000	14,158,288	778,000	253,500	30,097,788	
Total Funds	15,899,000	11,530,000	3,378,000	14,158,288	778,000	253,500	30,097,788	

(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: DNT to US 75 OTT: Dec 2016 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 2019 - 2021; OTT 2021 I-30 to SH 183; Design 2018-2019 Const 2019-2021 OTT 2021		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Administration (01)	1,250,000	1,424,739	1,300,000	1,150,000	800,000	--	4,674,739
Planning (02)	110,500	369,566	--	--	--	--	369,566
Design (03)	2,221,276	3,217,146	1,322,281	90,000	25,000	--	4,654,427
Construction (04)	24,646,581	26,632,204	32,394,312	29,451,478	12,343,245	--	100,821,239
Equipment/Hardware (05)	--	--	229,029	338,290	--	--	567,319
Total Allocations	28,228,357	31,643,655	35,245,622	31,029,768	13,168,245	--	111,087,290
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	28,228,357	31,643,655	35,245,622	31,029,768	13,168,245	--	111,087,290
Total Funds	28,228,357	31,643,655	35,245,622	31,029,768	13,168,245	--	111,087,290

(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 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	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Infrastructure Rdway/Hwy/Bridg - (541401)	13,200,000	10,400,000	29,300,000	23,300,000	10,600,000	12,500,000	86,100,000
Total Allocations	13,200,000	10,400,000	29,300,000	23,300,000	10,600,000	12,500,000	86,100,000
Reimbursements							
Legal Settlement	--	--	27,000,000	--	--	--	27,000,000
Total Reimbursement	--	--	27,000,000	--	--	--	27,000,000
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	13,200,000	10,400,000	2,300,000	23,300,000	10,600,000	12,500,000	59,100,000
Total Funds	13,200,000	10,400,000	2,300,000	23,300,000	10,600,000	12,500,000	59,100,000

(1) Provided by Finance

Project Title:	I - 35E	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2000434	
Description:	Limits: I- 635 to US 380.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 3	
		Operational and Maintenance Costs:					
Justification:	Design review of TxDOT project affecting PGBT & SRT	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Administration (01)	15,000	--	--	--	--	--	--
Total Allocations	15,000	--	--	--	--	--	--
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	15,000	--	--	--	--	--	--
Total Funds	15,000	--	--	--	--	--	--

(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	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Administration (01)	800,000	350,000	175,000	--	--	--	525,000
Design (03)	403,000	--	--	--	--	--	--
Construction (04)	31,623,000	7,000,000	1,500,000	--	--	--	8,500,000
Equipment/Hardware (05)	213,000	24,000	--	--	--	--	24,000
Other (176999)	1,000,000	--	--	--	--	--	--
Total Allocations	34,039,000	7,374,000	1,675,000	--	--	--	9,049,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	34,039,000	7,374,000	1,675,000	--	--	--	9,049,000
Total Funds	34,039,000	7,374,000	1,675,000	--	--	--	9,049,000

(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		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	
		Totals	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Right-of-Way (06)	60,000	60,000	60,000	--	--	--	120,000
Administration (01)	800,000	325,000	175,000	--	--	--	500,000
Design (03)	244,000	243,274	--	--	--	--	243,274
Construction (04)	24,723,000	4,000,000	1,500,000	--	--	--	5,500,000
Equipment/Hardware (05)	98,000	258,610	--	--	--	--	258,610
Other (176999)	1,000,000	268,707	--	--	--	--	268,707
Total Allocations	26,925,000	5,155,591	1,735,000	--	--	--	6,890,591
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	26,925,000	5,155,591	1,735,000	--	--	--	6,890,591
Total Funds	26,925,000	5,155,591	1,735,000	--	--	--	6,890,591

(1) Provided by Finance

Project Title:	DNT Phase 4A Bridges over US 380	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2100007	
Description:	DNT overpass at US 380 with ramps from DNT to northbound and southbound service road. Add toll gantries to the existing ramps to/from Panther Creek Parkway. Main-lane planning and design.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	Overpass needed to alleviate congestion at DNT/US 380 intersection. Schedule: Environmental: 2017; Design: 2018; Construction: 2019 - 2021; OTT: 2021		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	Budget FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Administration (01)	350,000	1,000,000	1,200,000	1,200,000	800,000	--	4,200,000
Design (03)	--	4,592,830	512,892	272,684	188,663	--	5,567,069
Construction (04)	--	--	37,024,437	37,072,612	17,303,409	--	91,400,458
Equipment/Hardware (05)	--	--	--	968,525	--	--	968,525
Other (176999)	--	--	1,073,000	--	--	--	1,073,000
Total Allocations	350,000	5,592,830	39,810,329	39,513,821	18,292,072	--	103,209,052
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	350,000	5,592,830	39,810,329	39,513,821	18,292,072	--	103,209,052
Total Funds	350,000	5,592,830	39,810,329	39,513,821	18,292,072	--	103,209,052

(1) Provided by Finance

Project Title:	DNT Widening (SRT to US 380)	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2100011		
Description:	Limits: Segment 4 SRT to US 380. Adds an additional lane in each direction to DNT	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1		
		Operational and Maintenance Costs:						
Justification:	Schedule: Environmental & Schematic 2018-2019; Design: 2020-2021; Construction; 2021-2024; OTT 2024		FY2018	FY2019	FY2020	FY2021	FY2022	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
	Property Management	--	--	--	--	--		
	Totals	--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	Budget FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Administration (01)	--	75,000	150,000	400,000	500,000	1,300,000	2,425,000	
Planning (02)	--	426,691	1,338,016	--	--	--	1,764,707	
Design (03)	--	--	--	4,792,425	1,149,281	279,319	6,221,025	
Construction (04)	--	--	--	--	8,436,669	25,355,981	33,792,650	
Total Allocations	--	501,691	1,488,016	5,192,425	10,085,950	26,935,300	44,203,382	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	--	501,691	1,488,016	5,192,425	10,085,950	26,935,300	44,203,382	
Total Funds	--	501,691	1,488,016	5,192,425	10,085,950	26,935,300	44,203,382	

(1) Provided by Finance

Project Title: DNT Capacity Improvements Study		Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2100012		
Description: General engineering cost to study possible capacity improvements for the DNT.		Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1		
		Operational and Maintenance Costs:						
Justification: Need to identify possible ways to alleviate congestion on DNT.		Personnel	FY2018	FY2019	FY2020	FY2021	FY2022	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
		Totals	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Planning (02)	--	1,000,000	1,000,000	2,000,000	5,000,000	5,000,000	14,000,000	
Total Allocations	--	1,000,000	1,000,000	2,000,000	5,000,000	5,000,000	14,000,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	--	1,000,000	1,000,000	2,000,000	5,000,000	5,000,000	14,000,000	
Total Funds	--	1,000,000	1,000,000	2,000,000	5,000,000	5,000,000	14,000,000	

(1) Provided by Finance

Project Title:	DNT Phase 4A (Segment 5)	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2100013		
Description:	Limit: DNT from north of U.S. 380 to south of FM 428, Assumes approximately 5.6-miles of 6 main-lanes.	Roadway (Name/Fund #): Capital Improvement Fund - (1501)/1501				Purpose Priority: 1		
		Operational and Maintenance Costs:						
Justification:	Continued growth along DNT north through Collin County.		FY2018	FY2019	FY2020	FY2021	FY2022	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
		Totals	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Administration (01)	--	--	--	--	3,850,000	--	3,850,000	
Planning (02)	--	--	--	--	4,736,000	--	4,736,000	
Design (03)	--	--	--	--	23,414,000	--	23,414,000	
Construction (04)	--	--	--	--	143,000,000	175,000,000	318,000,000	
Total Allocations	--	--	--	--	175,000,000	175,000,000	350,000,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	--	--	--	--	175,000,000	175,000,000	350,000,000	
Total Funds	--	--	--	--	175,000,000	175,000,000	350,000,000	

(1) Provided by Finance

Project Title:	DNT South End 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: 2017- 2018. Construction: 2018-2020 .	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
Totals	--	--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Right-of-Way (06)	--	114,413	--	--	--	--	114,413	
Administration (01)	--	369,605	370,000	350,000	375,000	750,000	2,214,605	
Design (03)	--	1,887,852	--	1,478,317	409,534	--	3,775,703	
Construction (04)	--	3,000,000	2,458,000	1,042,000	5,860,849	15,359,251	27,720,100	
Total Allocations	--	5,371,870	2,828,000	2,870,317	6,645,383	16,109,251	33,824,821	
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	33,824,821	
Total Funds	--	5,371,870	2,828,000	2,870,317	6,645,383	16,109,251	33,824,821	

(1) Provided by Finance

Project Title:	360 Tollway	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2900000	
Description:	Limits: Camp Wisdom Road 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.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	
		Totals	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Administration (01)	100,000	100,000	--	--	--	--	100,000
Equipment/Hardware (05)	1,253,600	876,400	--	--	--	--	876,400
Total Allocations	1,353,600	976,400	--	--	--	--	976,400
Reimbursements							
TxDOT	1,353,600	876,400	--	--	--	--	876,400
Total Reimbursement	1,353,600	876,400	--	--	--	--	876,400
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:	DNT Improvements (I-635 to PGBT)	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 7000055	
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.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Administration (01)	550,000	175,000	--	--	--	--	175,000
Design (03)	36,000	--	--	--	--	--	--
Construction (04)	12,000,000	2,856,727	--	--	--	--	2,856,727
Equipment/Hardware (05)	400,000	--	--	--	--	--	--
Total Allocations	12,986,000	3,031,727	--	--	--	--	3,031,727
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	12,986,000	3,031,727	--	--	--	--	3,031,727
Total Funds	12,986,000	3,031,727	--	--	--	--	3,031,727

(1) Provided by Finance

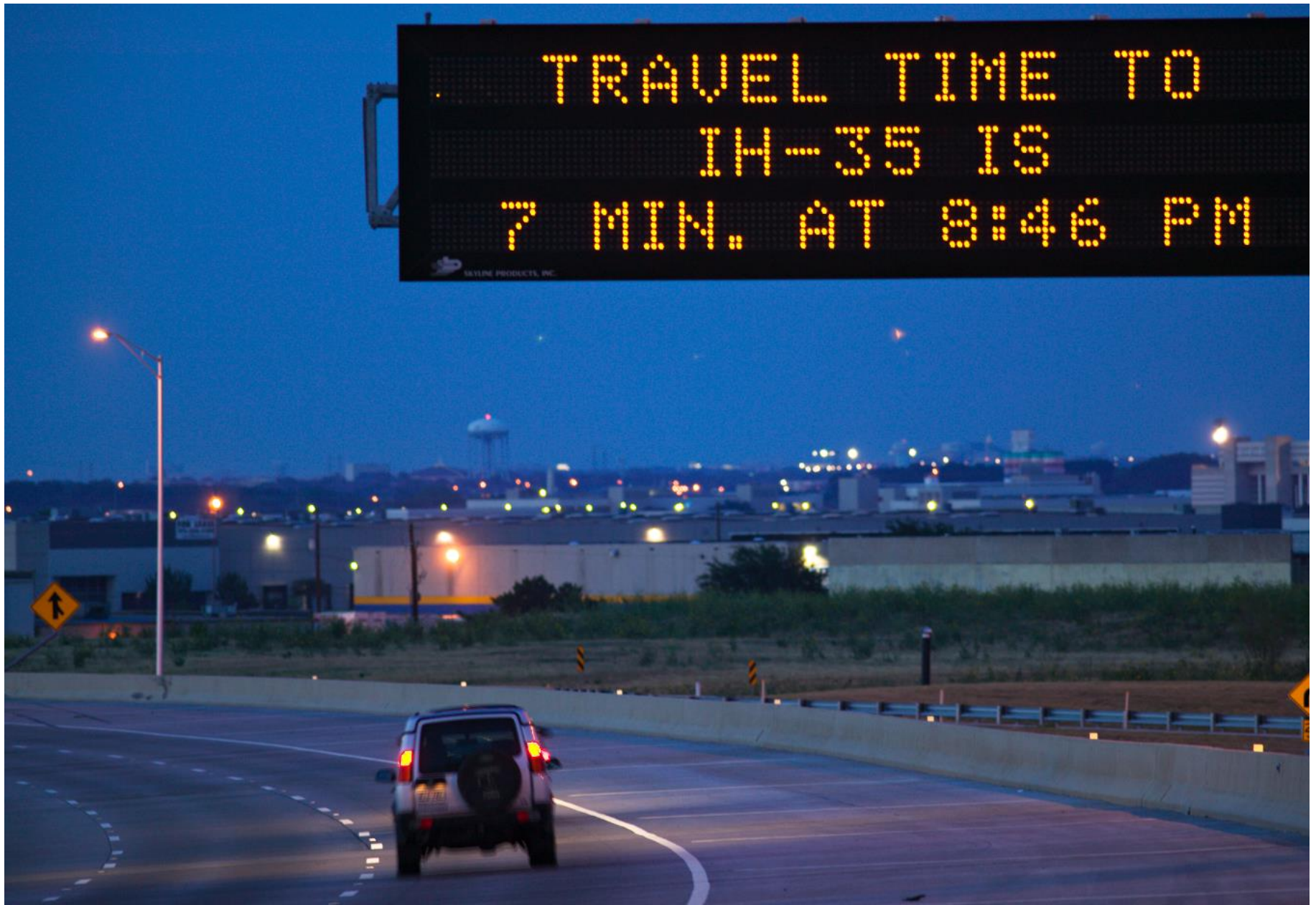
Project Title:	Systemwide CIF Projects	Department (Name/Dept #): System & Incdnt Mngmt - (20611)/20611					CIP #: 1000431	
Description:	Traffic engineering professional services, systemwide traffic safety & flow improvements, DNT exit to Mockingbird improvement, traffic sensors (MVD) deployment and roadway 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.		FY2018	FY2019	FY2020	FY2021	FY2022	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
	Property Management	--	--	--	--	--		
	Totals	--	--	--	--	--		
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Traffic Engineering Fees - (521207)	750,000	750,000	750,000	750,000	750,000	750,000	3,750,000	
Building Improvements - (541302)	400,000	--	--	--	--	--	--	
Infrastructure Rdway/Hwy/Bridg - (541401)	3,150,000	2,400,000	3,000,000	6,100,000	8,100,000	10,400,000	30,000,000	
Infrastructure - Other - (541403)	300,000	100,000	225,000	225,000	225,000	225,000	1,000,000	
Total Allocations	4,600,000	3,250,000	3,975,000	7,075,000	9,075,000	11,375,000	34,750,000	
Reimbursements								
Total Reimbursement	--	--	--	--	--	--	--	
Source of Funds (1)								
Revenue Distribution from the Revenue Fund	4,600,000	3,250,000	3,975,000	7,075,000	9,075,000	11,375,000	34,750,000	
Total Funds	4,600,000	3,250,000	3,975,000	7,075,000	9,075,000	11,375,000	34,750,000	

(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: 1		
		Operational and Maintenance Costs:						
Justification:	Schedule: Design: 2019-2020 Construction: 2021-2024 Closeout: 2024		FY2018	FY2019	FY2020	FY2021	FY2022	
		Personnel	--	--	--	--	--	
		Supplies Expense	--	--	--	--	--	
		Services and Charges	--	--	--	--	--	
		Software Annual Support	--	--	--	--	--	
		Property Management	--	--	--	--	--	
		Totals	--	--	--	--	--	
		Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022	
Administration (01)	--	--	500,000	675,000	775,000	800,000	2,750,000	
Design (03)	--	--	3,940,564	1,701,060	150,000	150,000	5,941,624	
Construction (04)	--	--	--	--	21,586,778	23,626,424	45,213,202	
Total Allocations	--	--	4,440,564	2,376,060	22,511,778	24,576,424	53,904,826	
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	53,904,826	
Total Funds	--	--	4,440,564	2,376,060	22,511,778	24,576,424	53,904,826	

(1) Provided by Finance

CONSTRUCTION PROJECTS

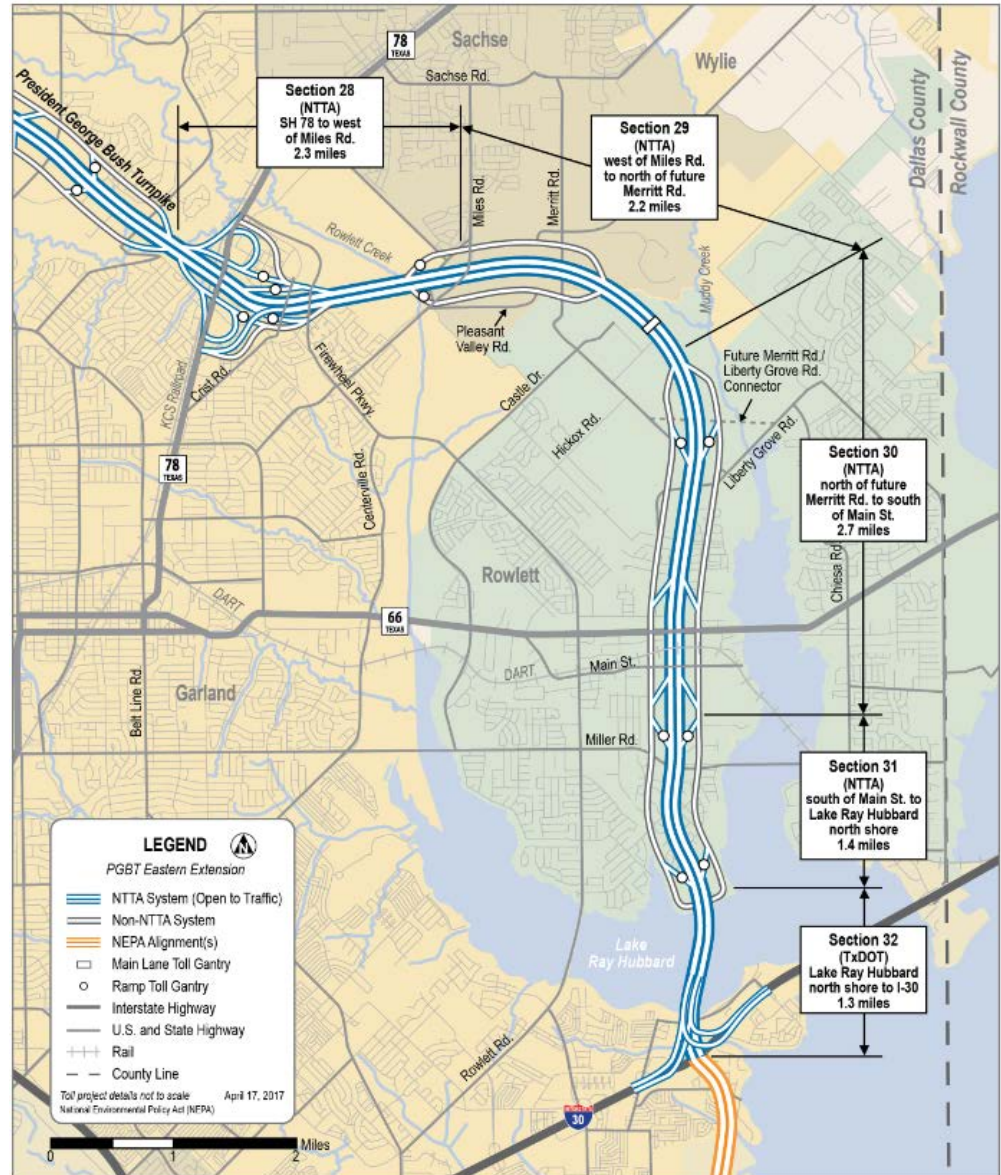


Construction Projects

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

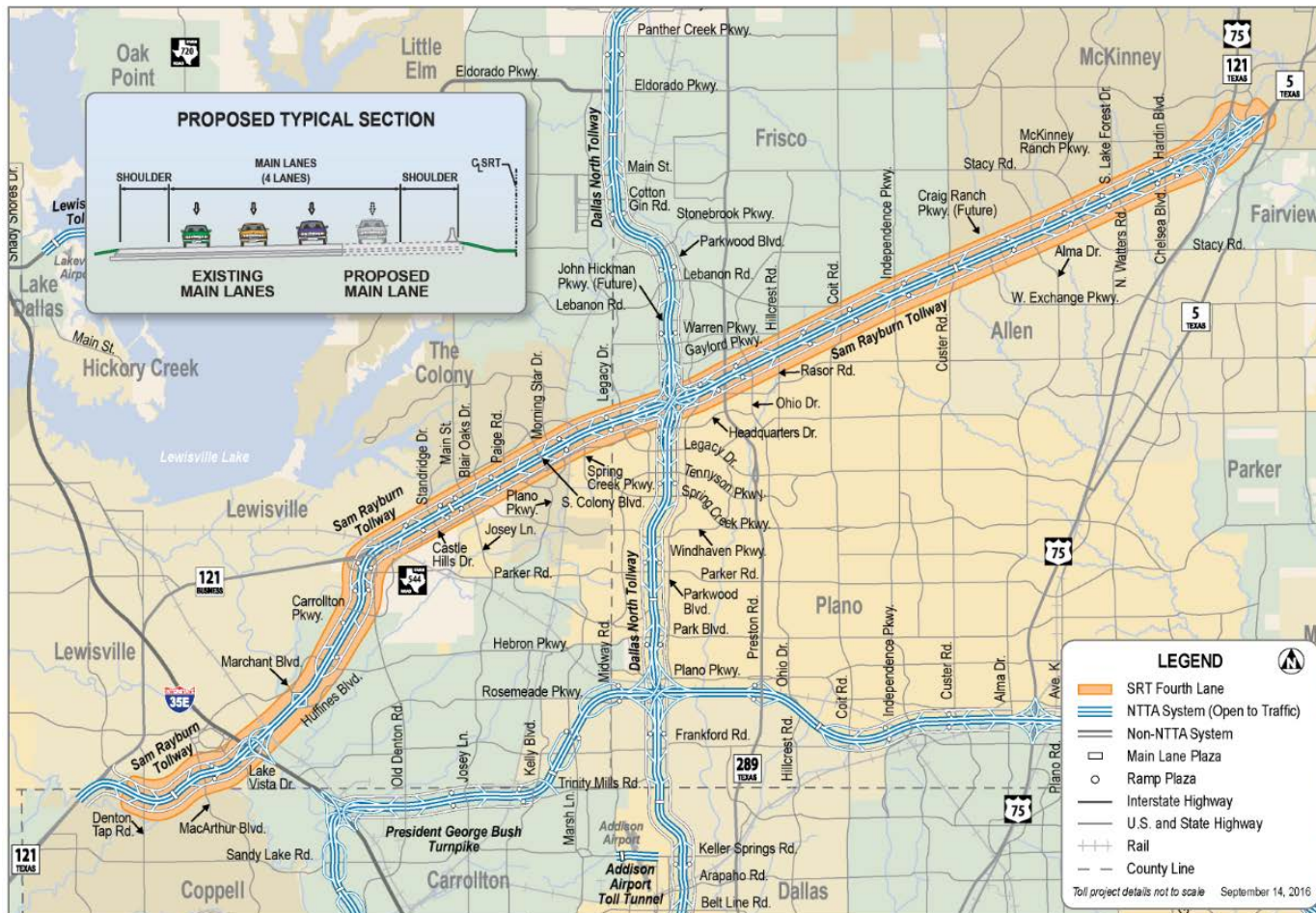
The Eastern Extension is a portion of the outer loop around Dallas and its suburbs that connects I-30 to the existing PGBT. The project was completed in late FY2012 with only minor cost in FY2018 of \$1.9 million for right-of-way obligations.



Construction Projects (continued)

SAM RAYBURN TOLLWAY FOURTH LANE (WIDENING) PROJECT

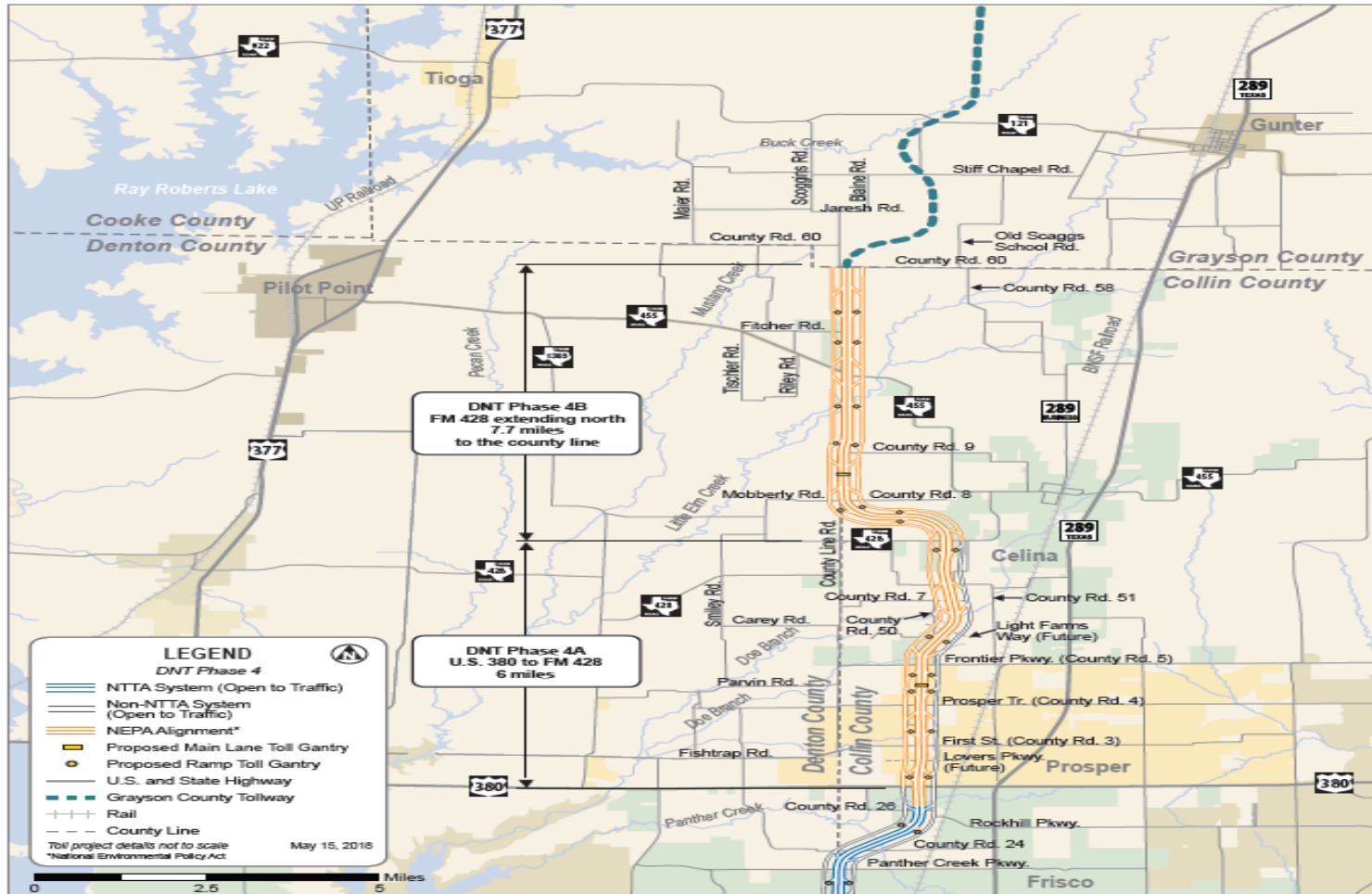
The SRT is an approximately 26-mile long tollway. The first two segments of the toll road opened to traffic in FY2008 and the last segment opened in Nov. FY2011. Per a Project Agreement with TxDOT, when traffic levels reach certain thresholds, NTTA is required to build additional lanes of traffic. A fourth lane of traffic will be added in each direction from Business 121 to U.S. 75. Construction scheduled to begin in late FY2018; open to traffic in FY2021. The FY2018 - FY2022 Capital Plan includes \$189.3 million for this project. The total project construction costs are estimated at \$199.5 million.



Construction Projects (continued)

DALLAS NORTH TOLLWAY PHASE 4B (SOUTHBOUND FRONTAGE ROAD)

Part of a proposed 17.6-mile extension of the DNT from U.S. 380 north to FM 121 in Grayson County, Phase 4B runs 7.7-miles from FM 428 to the Denton/Grayson county line. Construction of Phase 4B southbound frontage road from Mobberty Road to County Line Road is estimated at \$23.9 million in the FY2018 – FY2022 Capital Plan. The total frontage road cost of \$26.5 million will be reimbursed by Denton County through an Interlocal Agreement.



Construction Projects (continued)

CHISHOLM TRAIL PARKWAY

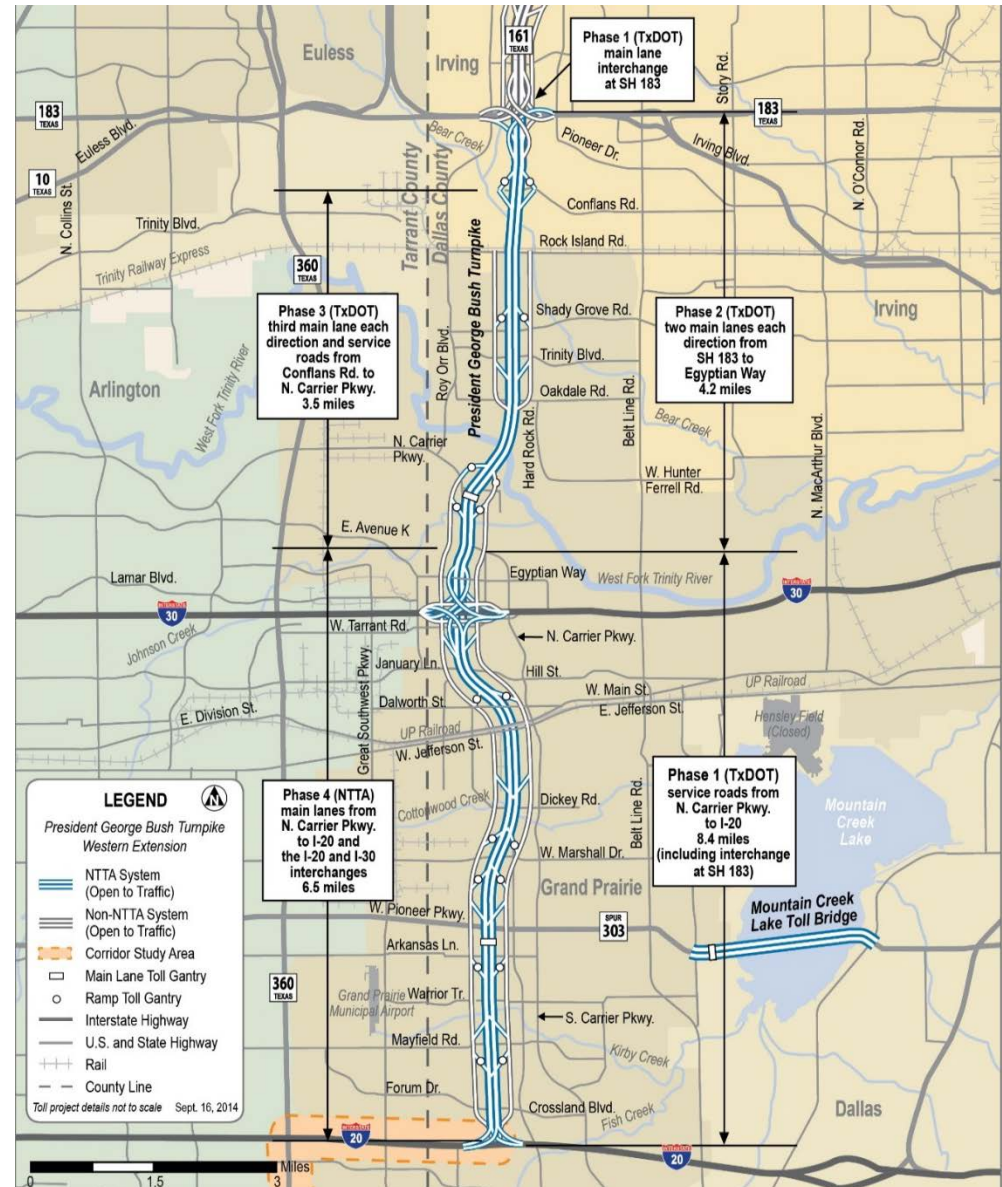
Chisholm Trail Parkway, a 28-mile toll road, is a limited-access toll road in southwest Tarrant and northwest Johnson counties. It extends from Fort Worth's Central Business District to southwest Fort Worth and south to Cleburne. CTP provides an alternate north-south route for I-35W. CTP opened to traffic in May 2014. The FY2018 – FY2022 Capital Plan includes approximately \$3.5 million for completion and finish out work for the project through FY2018.



Construction Projects (continued)

PRESIDENT GEORGE BUSH TURNPIKE WESTERN EXTENSION

The President George Bush Turnpike Western Extension is an approximately 11.5-mile extension of PGBT from SH 183 to I-20. TxDOT constructed SH 161 from SH 183 to I-30 and opened the roadway in phases from FY2009 through FY2010. NTTA constructed Phase 4 of the project, from I-30 to I-20, which was completed in Oct. 2012. The \$0.2 million estimated for FY2017 was for minor landscaping and sand stockpile items.





Construction Fund - (3700) - Project List FY2018 - FY2022 CAPITAL PLAN

Department	Project	Estimated FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Five Year Total FY2018 - FY2022
Project Delivery - (20511)	2000410 - PGBTEE	\$1,855,060	\$0	\$0	\$0	\$0	\$0	\$0
Project Delivery - (20511)	2100008 - DNT PH4B (Southbound Frontage Road)	6,803,800	6,608,015	9,662,204	6,843,497	750,000	0	23,863,716
Project Delivery - (20511)	2500000 - SRT	113,200	150,000	0	0	0	0	150,000
Project Delivery - (20511)	2500003 - SRT Widening	8,827,600	30,538,225	58,767,358	49,221,484	48,984,741	1,634,995	189,146,803
Project Delivery - (20511)	6100000 - PGBT WE	187,800	0	0	0	0	0	0
Project Delivery - (20511)	6200000 - CTP	3,335,000	3,480,000	0	0	0	0	3,480,000
	Project Delivery - (20511) Total	21,122,460	40,776,240	68,429,562	56,064,981	49,734,741	1,634,995	216,640,519
Totals		\$21,122,460	\$40,776,240	\$68,429,562	\$56,064,981	\$49,734,741	\$1,634,995	\$216,640,519

FY2017 Carryover Projects and Adjustments

Project Delivery - (20511)	2000410 - PGBTEE	(1,850,090)	1,850,090	0	0	0	0	1,850,090
Totals		(\$1,850,090)	\$1,850,090	\$0	\$0	\$0	\$0	\$1,850,090
Total FY2018 - FY2022 Construction Project Costs		\$19,272,370	\$42,626,330	\$68,429,562	\$56,064,981	\$49,734,741	\$1,634,995	\$218,490,609

Report contains only project costs.

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

Project Delivery - (20511)	2000410 - PGBTEE	4,970	1,850,090	See page 125.
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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.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Right-of-Way (06)	--	1,688,000	--	--	--	--	1,688,000
Administration (01)	4,970	100,000	--	--	--	--	100,000
Design (03)	--	62,090	--	--	--	--	62,090
Total Allocations	4,970	1,850,090	--	--	--	--	1,850,090
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	4,970	1,850,090	--	--	--	--	1,850,090
Total Funds	4,970	1,850,090	--	--	--	--	1,850,090

(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 southbound frontage road from FM 428 to north of Denton County line. Planning and design of main-lanes.	Roadway (Name/Fund #): General Construction Fund - (3714)/3714				Purpose Priority: --	
		Operational and Maintenance Costs:					
Justification:	Design & Construction of DNT Phase 4B southbound frontage road in Denton & Collin counties. Costs are reimbursed by Denton County. Schedule: Design 2016-2017; Constr. mid 2018-2020; OTT End 2020		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
	Property Management	--	--	--	--	--	
	Totals	--	--	--	--	--	
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Right-of-Way (06)	100,000	100,000	--	--	--	--	100,000
Administration (01)	490,000	510,000	459,350	148,000	50,000	--	1,167,350
Planning (02)	29,500	--	--	--	--	--	--
Design (03)	259,000	118,366	18,621	7,759	--	--	144,746
Construction (04)	4,925,300	4,879,649	9,184,233	6,687,738	700,000	--	21,451,620
Other (176999)	1,000,000	1,000,000	--	--	--	--	1,000,000
Total Allocations	6,803,800	6,608,015	9,662,204	6,843,497	750,000	--	23,863,716
Reimbursements							
	6,803,800	6,608,015	9,662,204	6,843,497	750,000	--	23,863,716
Total Reimbursement	6,803,800	6,608,015	9,662,204	6,843,497	750,000	--	23,863,716
Source of Funds (1)							
Total Funds	--	--	--	--	--	--	--

(1) Provided by Finance

Project Title:	Sam Rayburn Tollway	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 2500000	
Description:	Limits: Denton Tap Rd to US 75	Roadway (Name/Fund #): Sam Ray Toll Const Fund(SH121) - (3751)/3751				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	GEC services for bond reporting. Right-of-way transfers with TxDOT per Project Agreement.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Administration (01)	113,200	150,000	--	--	--	--	150,000
Total Allocations	113,200	150,000	--	--	--	--	150,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Revenue Distribution from the Revenue Fund	113,200	150,000	--	--	--	--	150,000
Total Funds	113,200	150,000	--	--	--	--	150,000

(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																																										
Justification:		<p align="center">Operational and Maintenance Costs:</p> <table border="1"> <thead> <tr> <th></th> <th>FY2018</th> <th>FY2019</th> <th>FY2020</th> <th>FY2021</th> <th>FY2022</th> </tr> </thead> <tbody> <tr> <td>Personnel</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Supplies Expense</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Services and Charges</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Software Annual Support</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Property Management</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> <tr> <td>Totals</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> <td>--</td> </tr> </tbody> </table>							FY2018	FY2019	FY2020	FY2021	FY2022	Personnel	--	--	--	--	--	Supplies Expense	--	--	--	--	--	Services and Charges	--	--	--	--	--	Software Annual Support	--	--	--	--	--	Property Management	--	--	--	--	--	Totals	--	--	--	--
	FY2018	FY2019	FY2020	FY2021	FY2022																																											
Personnel	--	--	--	--	--																																											
Supplies Expense	--	--	--	--	--																																											
Services and Charges	--	--	--	--	--																																											
Software Annual Support	--	--	--	--	--																																											
Property Management	--	--	--	--	--																																											
Totals	--	--	--	--	--																																											
Project Allocation		Budget	Budget					Five Year Totals																																								
		FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022																																								
Administration (01)		1,097,500	1,450,000	1,700,000	1,500,000	1,500,000	300,000	6,450,000																																								
Planning (02)		130,100	249,711	250,698	250,698	257,607	--	1,008,714																																								
Design (03)		7,600,000	4,450,000	289,350	289,350	146,938	--	5,175,638																																								
Construction (04)		--	24,388,514	56,527,310	46,838,334	46,201,142	1,334,995	175,290,295																																								
Equipment/Hardware (05)		--	--	--	343,102	879,054	--	1,222,156																																								
Total Allocations		8,827,600	30,538,225	58,767,358	49,221,484	48,984,741	1,634,995	189,146,803																																								
Reimbursements																																																
Total Reimbursement		--	--	--	--	--	--	--																																								
Source of Funds (1)																																																
Bond Proceeds		6,500,000	25,988,595	--	--	--	--	25,988,595																																								
Transfer from Capital Improvement Fund		2,327,600	4,549,630	58,767,358	49,221,484	48,984,741	1,634,995	163,158,208																																								
Total Funds		8,827,600	30,538,225	58,767,358	49,221,484	48,984,741	1,634,995	189,146,803																																								

(1) Provided by Finance

Project Title:	PGBT WE Construction	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 6100000	
Description:	Approx. 11.2 miles, south of SH 183 to SH 20.	Roadway (Name/Fund #): PGBT WE Construction Fund - (3771)/3771				Purpose Priority: 1	
		Operational and Maintenance Costs:					
Justification:	This plan assumes landscaping maintenance finished in 2017.	Personnel	FY2018	FY2019	FY2020	FY2021	FY2022
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
Totals		--	--	--	--	--	
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Construction (04)	187,800	--	--	--	--	--	--
Total Allocations	187,800	--	--	--	--	--	--
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Bond Proceeds	187,800	--	--	--	--	--	--
Total Funds	187,800	--	--	--	--	--	--

(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 ongoing lanscaping maintenance and signage improvements.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
		Budget	Budget				Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Right-of-Way (06)	--	500,000	--	--	--	--	500,000
Administration (01)	--	390,000	--	--	--	--	390,000
Design (03)	--	90,000	--	--	--	--	90,000
Construction (04)	3,335,000	2,500,000	--	--	--	--	2,500,000
Total Allocations	3,335,000	3,480,000	--	--	--	--	3,480,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Bond Proceeds	3,335,000	3,480,000	--	--	--	--	3,480,000
Total Funds	3,335,000	3,480,000	--	--	--	--	3,480,000

(1) Provided by Finance

FEASIBILITY STUDY PROJECTS



Feasibility Study Projects

These corridors represent potential future toll projects. Each project undergoes an extensive process to determine feasibility including traffic and revenue analysis, total project cost analysis, operating and maintenance costs analysis and a financing structure determination. The FY2018 - FY2022 Five-Year Capital Plan contains \$0.3 million for the continued feasibility study of the following project:

STATE HIGHWAY 190 EAST BRANCH

The proposed SH 190 East Branch 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 FY2018-FY2022 Capital Plan contains \$0.3 million for this project.





**Feasibility Study Fund - (1601) - Project List
FY2018 - FY2022 CAPITAL PLAN**

Department	Project	Estimated FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	Five Year Total FY2018 - FY2022
Project Delivery - (20511)	3000000 - SH 190	0	0	250,000	0	0	0	250,000
	Project Delivery - (20511) Total	0	0	250,000	0	0	0	250,000
Totals		\$0	\$0	\$250,000	\$0	\$0	\$0	\$250,000

Report contains only project costs.

Project Title:	SH190	Department (Name/Dept #): Project Delivery - (20511)/20511				CIP #: 3000000	
Description:	Limits: I-30 to I- 20. Approx. 11 miles. Six mainlanes & three lane service roads with eight direct connectors.	Roadway (Name/Fund #): Feasibility Study Fund - (1601)/1601				Purpose Priority: 3	
		Operational and Maintenance Costs:					
Justification:	TxDOT is lead agency on the environmental and advanced planning on this project. The Record of Decision (ROD) for the Environmental Impact Statement is expected in 2018.		FY2018	FY2019	FY2020	FY2021	FY2022
		Personnel	--	--	--	--	--
		Supplies Expense	--	--	--	--	--
		Services and Charges	--	--	--	--	--
		Software Annual Support	--	--	--	--	--
		Property Management	--	--	--	--	--
		Totals	--	--	--	--	--
	Budget	Budget					Five Year Totals
Project Allocation	FY2017	FY2018	FY2019	FY2020	FY2021	FY2022	FY2018 - FY2022
Deferred Charges (153001)	--	--	250,000	--	--	--	250,000
Total Allocations	--	--	250,000	--	--	--	250,000
Reimbursements							
Total Reimbursement	--	--	--	--	--	--	--
Source of Funds (1)							
Transfer from Capital Improvement Fund	--	--	250,000	--	--	--	250,000
Total Funds	--	--	250,000	--	--	--	250,000

(1) Provided by Finance



APPENDICES



Appendix A - Index of Detail Pages

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Appendix B - FY2018 Capital Plan Budget Calendar

Date	Event
March 1, 2017 (Wednesday)	Executive Director's FY2018 Assistant Executive Directors Budget Meeting to discuss budget priorities and overall direction for the Five-Year Capital Plan
March 1, 2017 (Wednesday)	Hyperion Budget module available for inputting Budget
March 1 - April 21, 2017	Individual departments update or create Project Request Forms
April 6, 2017 (Thursday)	Board Budget Workshop
April 21, 2017 (Friday)	Project Request Forms due to Financial Planning and Analysis (FP&A)
May 4, 2017 (Thursday)	Five-Year Capital Plan distributed to Executive Management
May 4 - June 23, 2017	Departmental meetings with Executive Management and FP&A
July 7, 2017 (Friday)	Review by Executive Management completed
September 22, 2017 (Friday)	Five-Year Capital Plan book delivered to Board Members
October 5, 2017 (Thursday)	Finance and Audit Committee Five-Year Capital Plan First Review
October 5 - Oct. 21, 2017	Incorporate any updates to CP
November 2, 2017 (Thursday)	Finance and Audit Committee Five-Year Capital Plan Second Review
November 15, 2017 (Wednesday)	Board Meeting Five-Year Capital Plan Approved

Assumes Thursday Committee Meetings and Wednesday Board Meetings
Board events highlighted in red.

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, Special Project 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. The executive management team is comprised of the Authority's executive director, the chief financial officer, and the controller.

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

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. The FY2018-FY2022 Capital Plan includes an additional transfer of \$25 million in FY2018 bringing 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 \$835.4 million or 94.0% of the total estimated revenue in the FY2018 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 5% per year between FY2018 and FY2022.

Estimated NTTA System Annual Toll Revenue					
Roadway	FY2018	FY2019	FY2020	FY2021	FY2022
DNT	\$ 259,096,700	\$ 271,363,400	\$ 289,976,700	\$ 303,711,500	\$ 320,213,400
PGBT	266,846,600	276,670,800	294,176,700	309,513,500	325,904,200
AATT	1,234,400	1,277,400	1,376,700	1,436,500	1,500,800
MCLB	1,571,800	1,619,700	1,660,200	1,729,900	1,813,000
LLTB	8,338,500	8,838,600	9,343,300	9,782,300	10,249,100
SRT	191,336,600	200,076,600	207,279,400	217,192,500	230,104,100
PGBT WE	56,464,300	59,433,500	66,577,000	73,356,900	81,316,500
CTP	50,489,100	55,439,200	60,166,400	64,080,200	68,342,200
System Totals	\$ 835,378,000	\$ 874,719,200	\$ 930,556,400	\$ 980,803,300	\$ 1,039,443,300

REVENUE DISTRIBUTION

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

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

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

Appendix D – Major Revenue Source

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

Appendix D – Major Revenue Source

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

Appendix E - Outstanding Debt Service

	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
2018	411,777,623	98,671,200	-	10,500,000	24,048,420	544,997,243
2019	416,371,939	96,599,250	-	12,250,000	24,048,420	549,269,609
2020	438,845,719	101,113,550	-	15,322,396	24,048,420	579,330,085
2021	463,709,234	102,940,300	-	15,322,396	53,522,639	635,494,569
2022	457,513,711	128,835,800	-	15,322,396	53,461,701	655,133,608
2023	470,143,451	132,961,650	-	15,322,396	53,414,004	671,841,501
2024	483,237,826	142,587,900	-	15,322,396	53,373,197	694,521,319
2025	508,203,669	111,833,400	-	15,322,396	53,210,295	688,569,760
2026	514,044,868	106,116,650	-	15,322,396	53,041,104	688,525,018
2027	510,331,873	109,954,650	-	15,322,396	52,858,501	688,467,420
2028	522,596,974	97,819,400	-	15,322,400	52,665,048	688,403,822
2029	501,380,084	188,115,900	-	-	52,462,718	741,958,702
2030	440,241,085	257,418,150	-	-	52,252,898	749,912,133
2031	437,880,948	251,616,650	-	-	-	689,497,598
2032	482,446,815	207,048,400	-	-	-	689,495,215
2033	499,617,267	189,878,150	-	-	-	689,495,417
2034	565,312,035	124,184,950	-	-	-	689,496,985
2035	591,472,460	98,026,400	-	-	-	689,498,860
2036	619,438,321	70,057,500	-	-	-	689,495,821
2037	671,303,642	52,934,050	-	-	-	724,237,692
2038	512,521,248	42,476,500	-	-	-	554,997,748
2039	513,456,510	41,540,750	-	-	-	554,997,260
2040	515,383,201	39,614,750	-	-	-	554,997,951
2041	517,420,766	37,577,000	-	-	-	554,997,766
2042	521,641,164	33,354,500	-	-	-	554,995,664
2043	228,631,205	21,368,250	-	-	-	249,999,455
2044	230,656,630	19,338,750	-	-	-	249,995,380
2045	188,776,983	61,220,250	-	-	-	249,997,233
2046	192,658,962	57,340,750	-	-	-	249,999,712
2047	179,062,048	58,217,249	-	-	-	237,279,297
2048	201,393,234	-	-	-	-	201,393,234
2049	53,656,920	-	-	-	-	53,656,920
2050	1,105,000	-	-	-	-	1,105,000
2051	1,052,500	-	-	-	-	1,052,500
Total	13,863,285,915	3,080,762,650	-	160,651,568	602,407,365	17,707,107,498

Appendix F - Estimated Operating Expenditures by Account

Description	FY2017 Budget	Estimated FY2018 - FY2022				
		FY2018	FY2019	FY2020	FY2021	FY2022
Salaries and Wages-Direct - (511101)	\$37,452,067	\$41,566,549	\$42,813,546	\$44,097,952	\$45,420,891	\$46,783,517
Salaries and Wages-Internship - (511202)	179,568	174,760	180,003	185,403	190,965	196,694
Salaries and Wage-Overtime - (511301)	717,831	821,176	845,811	871,186	897,321	924,241
Group Insurance - (512101)	8,349,010	9,161,931	9,436,789	9,719,893	10,011,489	10,311,834
Retirement Contributions - (512401)	4,966,450	5,529,824	5,695,719	5,866,591	6,042,588	6,223,866
Retirement Contr.-Internship - (512402)	23,408	23,085	23,778	24,491	25,226	25,982
Tuition Reimbursement - (512501)	27,913	31,575	32,522	33,498	34,503	35,538
Unemployment Insurance - (512601)	200,000	227,386	234,208	241,234	248,471	255,925
OPEB Annual Req'd Contribution - (512601)	1,920,000	0	0	0	0	0
Worker's Comp Ins - (512701)	331,395	382,573	394,050	405,872	418,048	430,589
Meeting Expense - (521101)	97,287	126,232	130,019	133,920	137,937	142,075
Consulting/Professional - (521201)	11,271,418	14,055,481	14,477,145	14,911,460	15,358,804	15,819,568
Legal Fees - (521202)	1,820,000	2,086,669	2,149,269	2,213,747	2,280,160	2,348,564
Auditing Fees - (521203)	127,930	198,029	203,970	210,089	216,392	222,883
Trustee Fees - (521204)	300,000	345,899	356,276	366,964	377,973	389,312
Rating Agency Fees - (521205)	0	25,000	25,570	26,523	27,318	28,138
Traffic Engineering Fees - (521207)	648,200	1,188,199	1,223,845	1,260,560	1,298,377	1,337,328
Police Services (DPS) - (521208)	5,602,076	8,985,742	9,255,314	9,532,974	9,818,963	10,113,532
Armored Car Services - (521209)	26,883	39,827	41,022	42,252	43,520	44,826
Outside Maintenance Services - (521212)	12,115,703	20,430,896	21,021,323	21,651,963	22,301,521	22,970,567
Landscaping - (522202)	40,900	127,820	131,655	135,604	139,672	143,863
Rentals - Land - (522301)	37,664	509,151	524,426	540,158	556,363	573,054
Rentals - Equipment - (522302)	309,415	280,650	289,070	297,742	306,674	315,874
Insurance Expense - Other - (523101)	1,389,562	1,774,172	1,827,397	1,882,219	1,938,686	1,996,846
Postage - (523201)	9,710,477	10,380,954	10,692,383	11,013,154	11,343,549	11,683,855
Telecommunications - (523202)	927,703	1,364,758	1,405,701	1,447,872	1,491,308	1,536,047
Recruitment - (523301)	138,856	157,820	162,555	167,431	172,454	177,628
Magazine and Newspaper - (523302)	532,885	1,449,017	1,492,488	1,537,262	1,583,380	1,630,881
Television & Radio - (523303)	201,737	1,019,697	1,050,288	1,081,797	1,114,250	1,147,678
Promotional Expenses - (523304)	487,453	1,172,940	1,208,128	1,244,372	1,281,703	1,320,154
Employee Appreciation - (523305)	1,568	1,752	1,805	1,859	1,914	1,972
Printing and Photographic - (523401)	8,259	9,299	9,578	9,865	10,161	10,466
Maps & Pamphlets - (523402)	55,936	91,960	94,719	97,560	100,487	103,502
Travel - (523501)	264,981	302,403	311,475	320,819	330,444	340,357
Dues & Subscriptions - (523601)	262,985	427,665	440,495	453,710	467,321	481,341
Education and Training - (523701)	406,374	457,028	470,739	484,861	499,407	514,389
Licenses - (523801)	32,699	26,427	27,220	28,036	28,877	29,744
Temporary Contract Labor - (523851)	11,917,843	12,170,374	12,535,485	12,911,550	13,298,896	13,697,863
Liability Claims - (523902)	5,730	6,182	6,367	6,558	6,755	6,958
Office Supplies - (531101)	528,919	549,025	565,496	582,461	599,934	617,932
Other Materials and Supplies - (531102)	3,063,969	4,118,997	4,242,567	4,369,844	4,500,939	4,635,967
Mobile Equipment Expense - (531103)	1,085,400	1,057,250	1,088,968	1,121,637	1,155,286	1,189,944
Freight and Express - (531105)	5,954	6,611	6,809	7,014	7,224	7,441
Motor Fuel Expense - (531107)	1,162,505	992,000	1,021,760	1,052,413	1,083,985	1,116,505
Water - (531211)	600,000	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)	2,200,000	2,464,256	2,538,184	2,614,329	2,692,759	2,773,542
Books & Periodicals - (531401)	1,430	1,600	1,648	1,697	1,748	1,801
Inven for resale(toll tags) - (531501)	9,400,237	10,261,333	10,569,173	10,886,248	11,212,836	11,549,221
Small Tools and Shop Supplies - (531601)	160,509	151,525	156,071	160,753	165,575	170,523
Software (Under \$5,000) - (531651)	5,481,608	7,195,086	7,410,939	7,633,267	7,862,265	8,098,133
Uniforms - (531701)	268,553	306,890	316,097	325,580	335,347	345,407
Bank Charges - (573001)	902,968	781,355	804,796	828,940	853,808	879,422
Credit Card Fees - (573002)	17,257,181	19,939,979	20,538,178	21,154,324	21,788,954	22,442,622
Totals	155,100,000	185,750,000	191,300,000	197,039,000	202,950,170	209,038,675