

Street & Sidewalk Capital Projects
Smithfield Road (Davis to Mid-Cities Blvd.)
ST1304

PROJECT DESCRIPTION & JUSTIFICATION

This project consists of realigning a portion of Smithfield Road so that it connects directly to Bridge Street at Davis Blvd and reconstructing the existing section of Smithfield Road north to a point approximately 100 feet north of Mid-Cities Blvd. The improvements will consist of modifying the signal light at the Davis Blvd intersection so that all four sides will be signalized instead of the 3 sides that currently exists. In addition the new road will be constructed with concrete and include sidewalks and a drainage system. This section of Smithfield Road is located in the Smithfield TOD and will be constructed to the TOD criteria.

PROJECT STATUS

	ORIGINAL START DATE	2017/18 REVISION	ORIGINAL END DATE	2017/18 REVISION
Professional Services				
Engineering	11/2013	11/2013	03/2015	03/2017
Land/ROW Acquisition	04/2015	04/2014	03/2016	03/2017
Construction	09/2015	03/2018	11/2016	03/2019
Other				

REVISION EXPLANATION

The project costs for ROW and construction came exceeded budget estimates.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2017/18	PROJECT REVISION	REVISED BUDGET THRU 2017/18	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
General Obligation Bonds	\$1,650,000		\$1,650,000		\$1,650,000
Federal / State Grants	550,000		550,000		\$550,000
Reserves		1,043,640	1,043,640		\$1,043,640
Certificates of Obligation		100,000	100,000		\$100,000
			0		\$0
Total	\$2,200,000	\$1,143,640	\$3,343,640	\$0	\$3,343,640
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	340,000	(85,290)	254,710		\$254,710
Land/ROW Acquisition	170,000	382,464	552,464		\$552,464
Construction	1,690,000	846,466	2,536,466		\$2,536,466
Other			0		\$0
Total	\$2,200,000	\$1,143,640	\$3,343,640	\$0	\$3,343,640

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
Projected						\$0

Street & Sidewalk Capital Projects
Smithfield Road / Davis Boulevard Intersection Improvements
ST1203

PROJECT DESCRIPTION & JUSTIFICATION

This project will consist of the preliminary design and traffic impact study for the intersection of Smithfield Road and Davis Boulevard. The City's Master Thoroughfare Plan calls for Smithfield Road to be realigned so that it connects into Davis Boulevard at Bridge Street instead of the current connection just north of the Post Office. The purpose of this project is to evaluate the impacts of traffic at key points along Davis Boulevard with the main focus of the study on the traffic impacts at the Post Office and the Smithfield Road/Davis Boulevard intersection.

PROJECT STATUS

	ORIGINAL START DATE	2017/18 REVISION	ORIGINAL END DATE	2017/18 REVISION
Professional Services	01/2012	01/2012	09/2015	09/2015
Engineering				
Land/ROW Acquisition				
Construction				
Other				

REVISION EXPLANATION

The traffic study was performed and the remaining funds are no longer needed. The Smithfield Road project will be accomplishing the realignment that was studied with these project funds.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2017/18	PROJECT REVISION	REVISED BUDGET THRU 2017/18	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$70,000	(\$33,640)	\$36,360		\$36,360
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$70,000	(\$33,640)	\$36,360	\$0	\$36,360
PROJECT EXPENDITURES					
Professional Services	\$70,000	(\$33,640)	\$36,360		\$36,360
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction			0		\$0
Other			0		\$0
Total	\$70,000	(\$33,640)	\$36,360	\$0	\$36,360

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
Projected						\$0

Street & Sidewalk Capital Projects
Rufe Snow Drive & Glenview Drive Intersection Improvements
ST1201

PROJECT DESCRIPTION & JUSTIFICATION

This project consists of improvements to the intersection of Rufe Snow Dr. and Glenview Drive. The intersection at Rufe Snow and Glenview will be widened to accommodate dedicated left turn lanes on Rufe Snow, and a new signal will be added at Chapel Park Drive and Glenview Drive to provide better ingress/egress to the school campus on Glenview. The project is funded in part through a City / Developer Agreement with the IL Texas Charter School whereby the school pays for 80% of the design and construction, with the City covering 20% of those costs.

PROJECT STATUS

	ORIGINAL START DATE	2017/18 REVISION	ORIGINAL END DATE	2017/18 REVISION
Professional Services	11/2011	02/2016	03/2017	07/2017
Engineering	09/2016	09/2016	12/2016	12/2016
Land/ROW Acquisition	05/2017	07/2017	11/2017	03/2018
Construction				
Other				

REVISION EXPLANATION

The improvements to the Rufe Snow / Glenview and Chapel Park / Glenview intersections as part of the Charter School development were accomplished under budget due to reduced lane width limiting the amount of additional ROW acquisition and construction savings realized by only adding pavement to one side of the roadway. The developer will be receiving a reimbursement once the project is complete per the terms of the CDA.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2017/18	PROJECT REVISION	REVISED BUDGET THRU 2017/18	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$885,000	(\$500,000)	\$385,000		\$385,000
Other (Developer Agreement)	1,300,000		1,300,000		\$1,300,000
			0		\$0
			0		\$0
			0		\$0
Total	\$2,185,000	(\$500,000)	\$1,685,000	\$0	\$1,685,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	500,000		500,000		\$500,000
Land/ROW Acquisition	300,000		300,000		\$300,000
Construction	1,385,000	(500,000)	885,000		\$885,000
Other			0		\$0
Total	\$2,185,000	(\$500,000)	\$1,685,000	\$0	\$1,685,000

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
Projected						\$0

Street & Sidewalk Capital Projects
Rufe Snow Dr. Street & Utility Imp. (Karen Drive to I.H. 820)
ST0102

PROJECT DESCRIPTION & JUSTIFICATION

This project begins at Karen Drive and ends on the north side of Corona Drive (approximate ending of the TxDOT Bridge project). The intersection at Meadow Lakes Drive will be improved as part of this project. Rufe Snow Drive will be widened with right turn lanes and improved signalization. This section will transition from the wider section at the bridge to the 4 lane section at Karen Drive. The project will be constructed as a concrete street with sidewalks and all necessary water and sewer main adjustments. Street lights and signalization at Meadow Lakes will be constructed to the City's standards.

PROJECT STATUS

	ORIGINAL START DATE	2017/18 REVISION	ORIGINAL END DATE	2017/18 REVISION
Professional Services				
Engineering	01/2001	02/2006	05/2008	04/2015
Land/ROW Acquisition	08/2008	08/2008	01/2015	01/2015
Construction	06/2014	05/2015	12/2016	03/2017
Other				

REVISION EXPLANATION

Project construction was complete in 2017 with final construction costs coming in lower than anticipated.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2017/18	PROJECT REVISION	REVISED BUDGET THRU 2017/18	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
GO Bonds	\$1,425,950		\$1,425,950		\$1,425,950
Reserves	110,000	(60,000)	50,000		\$50,000
			0		\$0
			0		\$0
			0		\$0
Total	\$1,535,950	(\$60,000)	\$1,475,950	\$0	\$1,475,950
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	170,000		170,000		\$170,000
Land/ROW Acquisition	198,331		198,331		\$198,331
Construction	1,167,619	(60,000)	1,107,619		\$1,107,619
Other			0		\$0
Total	\$1,535,950	(\$60,000)	\$1,475,950	\$0	\$1,475,950

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
Projected						\$0

Utility Capital Projects
Sanitary Sewer System Rehabilitation of Main Lines (Phase II)

UT1307

PROJECT DESCRIPTION & JUSTIFICATION

This project will consist of replacing approximately 11,000 linear feet of sanitary sewer main lines in the southern portion of the City (South of Northeast Loop 820). Because of the number of locations identified (40) that needed repairs the project was divided into 2 phases. Since each phase is made up of different sections of sanitary sewer lines and manholes that will need to be designed and constructed each phase will be treated as a separate project.

PROJECT STATUS

	ORIGINAL START DATE	2017/18 REVISION	ORIGINAL END DATE	2017/18 REVISION
Professional Services				
Engineering	10/2011	10/2011	10/2013	10/2013
Land/ROW Acquisition				
Construction	07/2014	07/2014	05/2015	05/2015
Other				

REVISION EXPLANATION

Project construction was complete in 2015 with final construction costs coming in lower than anticipated.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2017/18	PROJECT REVISION	REVISED BUDGET THRU 2017/18	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Other	\$80,000		\$80,000		\$80,000
Reserves	1,045,000	(110,000)	935,000		\$935,000
			0		\$0
			0		\$0
			0		\$0
Total	\$1,125,000	(\$110,000)	\$1,015,000	\$0	\$1,015,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	300,000		300,000		\$300,000
Land/ROW Acquisition			0		\$0
Construction	825,000	(110,000)	715,000		\$715,000
Other			0		\$0
Total	\$1,125,000	(\$110,000)	\$1,015,000	\$0	\$1,015,000

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
Projected						\$0

Utility Capital Projects
Harmonson Road Sanitary Sewer Improvements
CDBG17

PROJECT DESCRIPTION & JUSTIFICATION

This is the 42nd Year Community Development Block Grant (CDBG) Project. The Project will consist of replacing approximately 1,850 linear feet of 18" sanitary sewer pipe within Harmonson Road Right-of-Way between Dawn Drive and Lochridge Court.

PROJECT STATUS

	ORIGINAL START DATE	2017/18 REVISION	ORIGINAL END DATE	2017/18 REVISION
Professional Services				
Engineering	10/2016	10/2016	09/2017	09/2017
Land/ROW Acquisition				
Construction	10/2016	02/2017	11/2017	12/2017
Other				

REVISION EXPLANATION

Project construction was complete in late 2017. The final scope of the project did not include as much pavement restoration as originally estimated, and the total length of sanitary sewer pipe reduced slightly to eliminate any construction in the FEMA floodplain per CDBG guidelines.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2017/18	PROJECT REVISION	REVISED BUDGET THRU 2017/18	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$396,000	(\$170,000)	\$226,000		\$226,000
Federal / State Grants	375,000		375,000		\$375,000
			0		\$0
			0		\$0
			0		\$0
Total	\$771,000	(\$170,000)	\$601,000	\$0	\$601,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	79,200		79,200		\$79,200
Land/ROW Acquisition			0		\$0
Construction	691,800	(170,000)	521,800		\$521,800
Other			0		\$0
Total	\$771,000	(\$170,000)	\$601,000	\$0	\$601,000

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
Projected						\$0

Drainage Capital Projects
Walker Branch Channel Repair (200ft South of Harwood Road)
DR1701

PROJECT DESCRIPTION & JUSTIFICATION

This project consists of engineering and reconstructing approximately 400 feet of gabions along the Walker Branch Channel. The project begins south of Harwood along the west bank and will focus on two areas where the gabion baskets have failed.

PROJECT STATUS

	ORIGINAL START DATE	2017/18 REVISION	ORIGINAL END DATE	2017/18 REVISION
Professional Services				
Engineering	10/2017	04/2018	03/2018	10/2018
Land/ROW Acquisition				
Construction	05/2018	11/2018	10/2018	05/2019
Other				

REVISION EXPLANATION

The scope of the project is being reconsidered to evaluate options other than restoration of the existing channel cross section, including possible land acquisition to accommodate a wider channel section and reduce the reliance on gabion structures.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2017/18	PROJECT REVISION	REVISED BUDGET THRU 2017/18	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$797,850	(\$170,000)	\$627,850		\$627,850
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$797,850	(\$170,000)	\$627,850	\$0	\$627,850
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	160,000		160,000		\$160,000
Land/ROW Acquisition			0		\$0
Construction	637,850	(170,000)	467,850		\$467,850
Other			0		\$0
Total	\$797,850	(\$170,000)	\$627,850	\$0	\$627,850

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
Projected						\$0

Street & Sidewalk Capital Projects
Meadow Lakes Drive & Rufe Snow Drive Intersection
PW1602

PROJECT DESCRIPTION & JUSTIFICATION

The area along Rufe Snow, south of Loop 820, is severely congested with 7 different ingress/egress points within a 700 foot span. The project proposes the conversion of the current Rufe Snow / Meadow Lakes 3-way signalized intersection into a 4-way signalized intersection that would be a separate but complimentary project to ST0102 - Rufe Snow Drive Street & Utility Improvements, which calls for a raised median along Rufe Snow. The project would extend Meadow Lakes east of Rufe Snow, connecting to the commercial area along Loop 820. The project would also eliminate 3 of the 7 ingress/egress points within the 700 foot span.

PROJECT STATUS

	ORIGINAL START DATE	2017/18 REVISION	ORIGINAL END DATE	2017/18 REVISION
Professional Services				
Engineering	05/2016	05/2016	09/2017	03/2017
Land/ROW Acquisition	05/2016	05/2016	09/2017	09/2017
Construction	05/2016	07/2017	01/2018	02/2018
Other				

REVISION EXPLANATION

Construction of the roadway extension came in lower than anticipated.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2017/18	PROJECT REVISION	REVISED BUDGET THRU 2017/18	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Certificates of Obligation	\$1,165,000	(\$100,000)	\$1,065,000		\$1,065,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$1,165,000	(\$100,000)	\$1,065,000	\$0	\$1,065,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	80,000		80,000		\$80,000
Land/ROW Acquisition	435,000		435,000		\$435,000
Construction	650,000	(100,000)	550,000		\$550,000
Other			0		\$0
Total	\$1,165,000	(\$100,000)	\$1,065,000	\$0	\$1,065,000

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2017/18	2018/19	2019/20	2020/21	2021/22	TOTAL
Projected						\$0