RESOLUTION NO. <u>R-191-</u>15

A RESOLUTION APPROVING AND AUTHORIZING IMPLEMENTATION OF THE FIVE YEAR (2016-2020) SALES TAX PROGRAM FOR STREETS, BRIDGES AND RELATED DRAINAGE IMPROVEMENTS

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH, ARKANSAS THAT:

SECTION 1: The Five Year (2016-2020) Sales Tax Program for streets, bridges and related drainage improvements as identified and specified in the attachment hereto is hereby approved.

SECTION 2: The staff is directed to proceed with implementation of the 2016 Sales Tax Program.

This Resolution adopted this

APPROVED:

Mayor

ATTEST:

City Clerk

Approved as to Form

NPR

CITY OF FORT SMITH As Amended 10/21/15

Five-Year Capital Improvement Program for Streets, Bridges and Drainage (2016-2020)

		2015	2016	2017	2018	2019	2020
	Beginning Balance	28,153,502	28,854,231	20,936,441	6,834,498	2,765,596	932,404
	Current Year Revenues						
	Sales Tax	21,011,900	21,537,198	22,075,627	22,627,518	23,193,206	23,773,036
	Grants/Other Participation	525,081	5,053,630	2,165,429	0	0	
	Interest	99,542	111,564	63,854	23,940	9,222	2,81
	Total - Current Year Revenues	21,636,523	26,702,391	24,304,911	22,651,459	23,202,428	23,775,85
	Total Funds Available	49,790,025	55,556,622	45,241,352	29,485,956	25,968,024	24,708,25
1	Street Overlays & Reconstruction	7,834,300	7,199,594	7,415,354	8,000,000	8,000,000	8,000,000
	Neighborhood Drainage Improvements	3,918,582	6,316,670	6,500,000	2,015,000	2,000,000	2,000,000
3	Town Branch / Carnall Drainage	2,769,876	0	0	0	0	200,000
4	North B Truck Route	20,000	1,024,000	700,000	0	0	
5	Intersection and Signal Improvements	509,921	825,000	570,000	400,000	400,000	400,000
	Spradling Extension at Riverfront Drive	0	1,405,000	0	0	0	
7	Kelley Highway Extension to Riverfront Drive	350,000	800,000	677,000	3,000,000	4,000,000	
8	Jenny Lind Road - Zero to Cavanaugh	296,745	10,132,540	12,000,000	7,015,000	0	
	Geren Road Reconstruction	150,000	1,213,000	5,325,000	0	0	
10	Zero Street (Hwy 255)	0	0	0	800,000	0	4,000,000
11	May Branch Drainage Project	0	300,000	800,000	1,000,000	6,000,000	5,000,000
12	Levee Certification & Repair	266,293	0	0	0	0	
13	Streetscape - Towson Avenue	105,000	0	0	0	0	
14	FCRA Development	1,348,077	2,053,977	1,000,000	1,000,000	1,000,000	1,000,000
15	Hwy 45 widening south of Zero	0	0	0	.0	0	200,000
16	Railroad Crossing Panels	301,940	160,000	160,000	160,000	160,000	160,000
17	Item Deleted. Funds transferred to Item 1	0	0	0	0	0	
18	Traffic Studies	21,016	25,000	25,000	25,000	25,000	25,000
19	Overlays/Drainage by Street Department	188,560	200,000	200,000	200,000	200,000	200,000
20	Engineering Dept. and Other Depts.	2,698,000	2,765,400	2,834,500	2,905,360	3,050,620	3,126,89
21	Contingency	157,484	200,000	200,000	200,000	200,000	200,000
	TOTAL	20,935,794	34,620,181	38,406,854	26,720,360	25,035,620	24,511,89
	Ending Balance	28,854,231	20,936,441	6,834,498	2,765,596	932,404	196,36
ants	o/Other Participation						
	Jenny Lind Road - Zero to Cavanaugh	49,542	4,000,000	2,165,429	0	0	(

Jenny Lind Road - Zero to Cavanaugh	49,542	4,000,000	2,165,429	0	0	0
Streetscape - Towson	0	190,641	0	0	0	0
FCRA	475,539	862,989	0	0	0	0
TOTAL	525,081	5,053,630	2,165,429	0	0	0

Five Year Capital Improvement Program (2016-2020) Streets, Bridges and Drainage Sales Tax Funds

Descriptions of Selected Projects September 17, 2015

- 1. <u>Street Overlays and Reconstruction</u>. The proposed 2016 projects are shown on the attached list and exhibits. The total length of streets to be improved is approximately 5.2 miles. The estimated cost for the 2016 street overlays and reconstruction projects totals \$6.5 million, with an estimated \$1.0 mil expended in 2016 and \$5.5 mil expended in 2017. The total cost shown in 2016 is \$7.0 million which includes \$6.0 million in remaining construction for the 2015 projects. (See pages 5-9)
- 2. <u>Neighborhood Drainage Improvements</u>. The projects identified in the 2016 drainage program include drainage improvements in thirteen areas shown on the attached list and exhibits. These projects are associated with structure flooding that occurred during the heavy rains this past spring. The total estimated cost for this work is \$5.2 million, with an estimated \$500,000 expended in 2016 and \$4,700,000 expended in 2017. The total cost shown in 2016 is \$6.3 million which includes \$5.8 million in remaining work for ongoing drainage projects. (See pages 10-16)
- 3. <u>Town Branch Carnall Drainage</u>. This project is to reduce the frequency of flooding that occurs in the downtown area and areas just north of downtown. The Town Branch area is a subbasin to the May Branch watershed. The \$2.8 million for 2015 is for improving the upstream outfall beginning at the South G Street/Towson intersection and extending to the west. This outfall is restricted which is contributing to the flooding in the downstream areas. Construction is currently ongoing with completion scheduled for late this year. Future additional improvements for this area are contingent upon completion of the lower reach of the May Branch drainage project as noted in item #11. (See page 17)
- 4. North B Street Truck Route. This project is the modification of North B Street from 5th Street west to Riverfront Drive to accommodate two way truck traffic. This is in lieu of the current one way split that exists along this section of North A and B Streets. The project is based on the concept of closing a section of North A Street and Belle Point Place to add more green space. The project includes necessary radius improvements at North 5th and B Streets, upgrading of the railroad crossings on North B Street and reconstruction/resurfacing of the remaining sections of North A Street which are being removed from the truck route. This project is currently on hold pending a traffic study by the Western Arkansas Planning and Development District for the Garrison Avenue / Riverfront area to ensure that adequate access for various

modes of transportation (vehicular, trucks, pedestrian and bicycles) are accommodated throughout the entire downtown district. (See page 18)

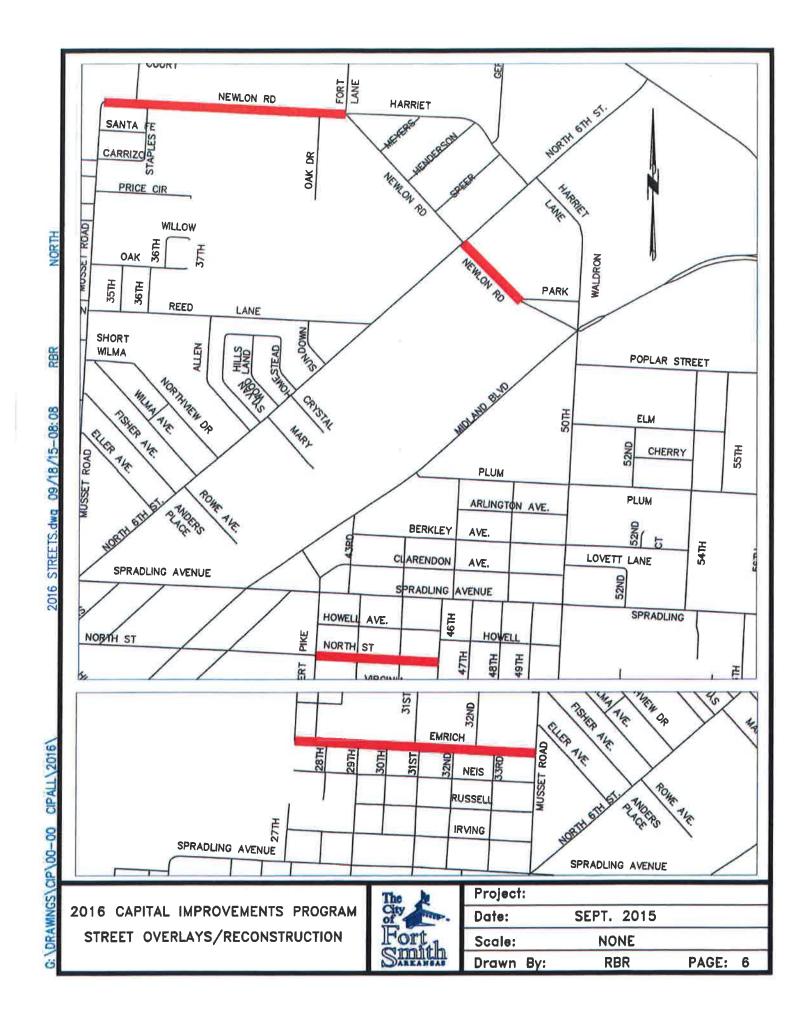
- 5. <u>Intersection and Signal Improvements.</u> This project includes replacement of the traffic signals at the following three intersections: Wheeler Avenue & South "Y" Street, Wheeler Avenue & Zero Street, and Highway 271 & Zero Street. The total estimated cost for this work is \$585,000, with an estimated \$45,000 expended in 2016 and \$540,000 expended in 2017. The total cost shown in 2016 is \$825,000 which includes \$780,000 in remaining work for ongoing traffic signal projects. (See page 19)
- 6. <u>Spradling Avenue Extension at Riverfront Drive.</u> This project includes the new construction of Spradling Avenue eastward from Riverfront Drive approximately 1700 feet. This street will serve the proposed sports fields on the City's 51 acre tract. Plans are complete and the street construction is being scheduled to coincide with the construction of the sports fields which are planned for completion in late 2016. (See page 20)
- 7. <u>Kelley Highway Extension to Riverfront Drive</u>. This project is for the reconstruction and widening of Kelley Highway to a three lane section from Midland Boulevard to Riverfront Drive. Preliminary engineering is underway with construction scheduled for 2018 and 2019. This extension of Kelley Highway will provide a direct route between I-540 and the riverfront area. (See page 20)
- 8. <u>Jenny Lind Road Zero to Cavanaugh Road.</u> This project includes improvements to Jenny Lind Road between Zero and Cavanaugh Road. It also includes improvements to Ingersoll Avenue from U.S. Hwy 271 to Jenny Lind and the extension of Ingersoll Avenue from Jenny Lind to U.S. Highway 71B. Final plans have been submitted to the Arkansas Highway and Transportation Department for their approval as federal funding in the amount of \$7.2 million is benefitting the project. The demolition contract to remove the structures that were acquired is complete and work for relocation of the franchise utilities is underway. The roadway construction is scheduled to advertise for construction late this year. (See page 21)
- 9. <u>Geren Road Reconstruction</u>. This project is for the reconstruction and widening of Geren Road between Highway 45 and 58th Street. Preliminary engineering is underway with construction scheduled for late 2016 and 2017. The project is proposed to be cost shared with Sebastian County and the City of Fort Smith. (See page 22)
- 10. Zero Street (Hwy 255) Improvements. This project is the widening and realignment of Zero Street (Hwy 255) from just west of Massard Road to its new alignment on the existing Frontier Road. The project is proposed to be cost shared with the AHTD, City of Barling, FCRA and City of Fort Smith. (See page 23)

- 11. May Branch Drainage Project. This project is to reduce flooding along May Branch from the Arkansas River to Park Avenue. It consists of constructing a drainage channel to replace the existing deteriorated and hydraulically inadequate concrete pipe. The project is currently being designed by the Corps of Engineers. The City continues to lobby for federal funding to assist with the project as the total cost is in excess of \$30 million. The most downstream section of the project (from approximately N. 7th Street to the river) is being funded entirely with City funds with an agreement that the City's cost would be credited towards the future cost sharing on the project when federal funds become available. The Corps of Engineers expects to complete the design in 2016, and acquisition of right of way will begin next year. The anticipated construction will follow the right of way acquisition and utility relocations. Construction of the downstream section will reduce flooding for both the lower May Branch area and the lower Town Branch sub basin. (See page 17)
- 12. <u>Levee Certification and Repair.</u> This project includes items associated with flood protection and the levee certification in accordance with federal design criteria. The 2015 work included repairs to the P & J Street storm water pump stations and preparation of the levee certification documentation for submittal and approval by FEMA. (See page 24)
- 13. <u>Streetscape Towson Avenue</u>. This project includes streetscaping along Towson Avenue from Garrison Avenue to South "A" Street and replacement of the traffic signal at Rogers Avenue and Towson Avenue. A federal grant in the amount of \$270,000 is benefiting this project. A temporary stop work order was placed on the contract as the remaining work area was currently restricted due to the renovation of the building at the southeast corner of Towson and Garrison Avenue. Work on the remaining one block of streetscape work is scheduled to resume in early fall and to be completed late this year. (See page 25)
- 14. FCRA (Fort Chaffee Redevelopment Authority) Development. This item includes the construction of two streets to serve the new ArcBest corporate headquarters. One street is the extension of McClure Drive to Wells Lake Road. The other street, R.A. Young Jr. Drive, is further north of McClure Drive and extends west from Wells Lake Road. These streets are being cost shared equally with the FCRA. Work is ongoing on these streets and scheduled for completion next summer. This item also includes work on Veterans Avenue in association with the Arkansas College of Osteopathic Medicine (ACOM). The work includes the reconstruction of approximately 750 feet of Veterans Avenue at the northern end of the ACOM and the overlay/cul-de-sac installation on Veterans Avenue south of the ACOM extending to Roberts Boulevard. Plans are complete and work is scheduled to being this fall. (See page 23)

- 15. <u>Highway 45 widening south of Zero Street.</u> This project is the widening of Highway 45 south of Zero Street and extending to Highway 71. The project is proposed to be cost shared with the AHTD and would likely be constructed in phases over several years. (See page 26)
- 16. <u>Railroad Crossing Panels.</u> This project improves street crossings at railroads through the installation of concrete railroad crossing panels. For 2016, two railroad crossings are proposed which are located along North Street between Boone Avenue and Midland Boulevard. (See page 27)
- 17. <u>FSHA (Fort Smith Housing Authority) Street and Drainage.</u> This item includes assistance to the FSHA for street and drainage construction as part of a proposed 50-55 unit single family and duplex development to be located on the former Red Barn property along Newlon Road. This CIP funding is similar to that previously provided on the Northpointe housing development. (As amended, Item No. 17 was deleted and the funds transferred to Item No. 1)

2016 CAPITAL IMPROVEMENTS PROGRAM STREET OVERLAYS/RECONSTRUCTION

STREET	FROM	ТО	LENGTH	COST
37TH ST.	WICKLOW DR.	ROGERS AVE.	790	\$134,300.00
LECTA AVE.	ROGERS AVE.	KINKEAD AVE.	2553	\$586,651.11
MAY AVE.	BLACKBURN AVE.	KINKEAD AVE.	873	\$214,370.00
BLACKBURN AVE.	GREENWOOD AVE.	LECTA AVE.	748	\$226,062.22
BARRY AVE.	MAY AVE.	LECTA AVE.	373	\$77,501.11
PRESLEY ST.	GREENWOOD AVE.	LECTA AVE.	747	\$190,485.00
PRESLEY ST.	SWEET AVE.	END OF ROAD	235	\$59,925.00
NORTH ST.	ALBERT PIKE AVE.	46TH ST.	1326	\$225,420.00
8TH ST.	GARRISON AVE.	NORTH B ST.	741	\$237,943.33
NEWLON RD.	MUSSETT RD.	FORT LN.	2647	\$504,626.11
NEWLON RD.	6TH ST.	PARK ST.	914	\$172,644.44
EMRICH ST.	END OF ROAD	MUSSETT RD.	2635	\$447,950.00
ZERO ST.	STATE LINE RD.	WHEELER AVE.	1816	\$857,555.56
31ST	200' SOUTH OF MCKINLI	EY AVE.	200	\$64,222.22
ST. FRANCIS CREST	EUPER LN.	END OF ROAD	1309	\$333,795.00
RUE MADELINE RD.	ST. FRANCIS CREST	KATHLEEN TRACE	420	\$107,100.00
MILE TREE DR.	ST. FRANCIS CREST	1/2 CUL-DE-SAC	1044	\$266,220.00
EUPER LN.	WARWICK PL.	ST. FRANCIS CREST	330	\$84,150.00
KATHLEEN TRACE	MASSARD RD.	RUE MADELINE RD.	475	\$121,125.00
JACKSON CT.	END OF ROAD	16TH ST.	111	\$28,305.00
16TH ST.	END OF ROAD	JACKSON CT.	600	\$153,000.00
BELLE AVE.	TILLES AVE.	GRAND AVE.	355	\$60,350.00
95TH ST.	DALLAS ST.	CARRINGTON CT.	482	\$122,910.00
CARRINGTON CT.	95TH ST.	END OF ROAD	730	\$186,150.00
65TH ST.	ATLANTA ST.	COUNTRY CLUB AVE.	577	\$147,135.00
CLIFF DR.	OLD JENNY LIND RD.	CRUCE HILL DR.	1496	\$339,093.33
10TH ST.	VICKSBURG ST.	UTICA ST.	325	\$55,250.00
SOUTH E ST.	TOWSON AVE.	18TH ST.	2120	\$400,444.44
DUNDEE DR.	END OF ROAD	FIANNA WAY	434	\$110,670.00
		TOTAL LENGTH (FT)	27406	
TOTAL FOR 2016 STREET OVERLAYS/RECONSTRUCTION PROGRAM				

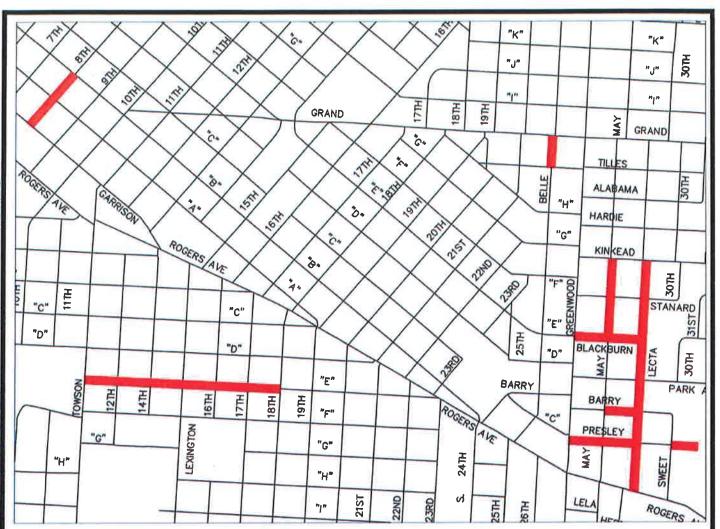




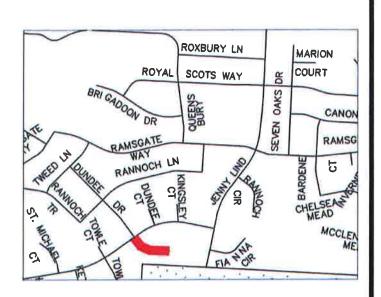


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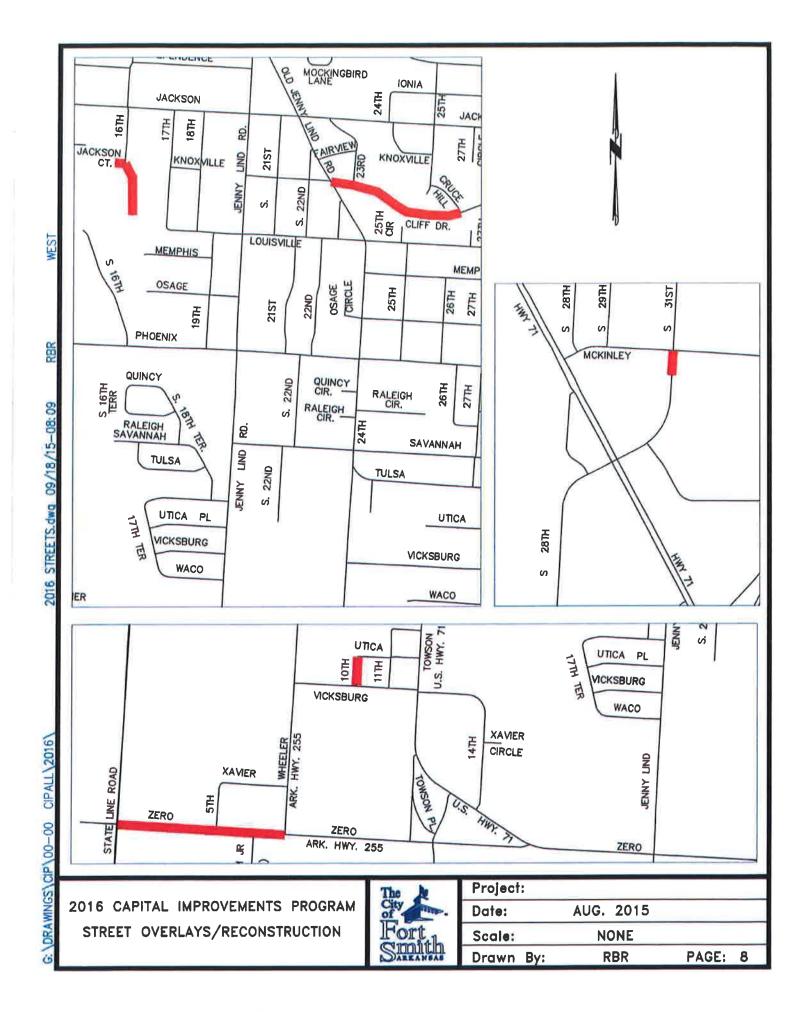


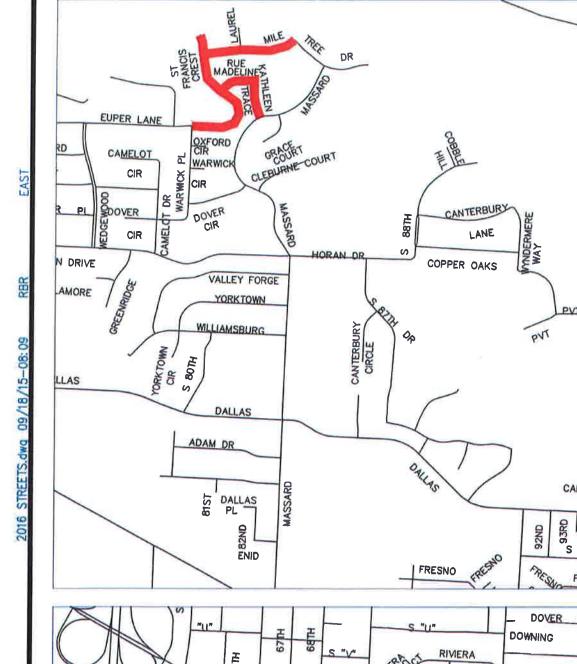


2016 CAPITAL IMPROVEMENTS PROGRAM STREET OVERLAYS/RECONSTRUCTION



Project:		
Date:	SEPT. 2015	
Scale:	NONE	
Drawn By:	RBR	PAGE: 7







2016 CAPITAL IMPROVEMENTS PROGRAM STREET OVERLAYS/RECONSTRUCTION

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Project:		
Date:	AUG. 2015	
Scale:	NONE	
Drawn By:	RBR	PAGE: 9

CARRINGTON POINTE RD,

CARRINGTON WAY

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FRESNO

HL196

PLACE

95TH

S 9617

NEWPORT NEWPORT

97TH LANE

RIVERRIDGE CIRCLE

RIVERRID

2016 Neighborhood Drainage Projects

Project	Estimated Cost
Brentwood Drive/Muirfield Circle Area This project will replace undersized sections of a storm drain system and add overflow swales. Two houses are experiencing flooding in this area, and severe street and yard flooding are also occurring. (see page 16).	\$500,000
3600 Kinkead Avenue, Parkview Apartments This project will add concrete channel improvements and replace an undersized box culvert. Two units in the apartment complex are experiencing flooding, and severe street flooding is also occurring. The flooding at this location is also causing a life safety issue due to the depth and velocity of the storm water (see page 12).	\$1,300,000
4806/4808 South "U" Street This project will add storm drains and overflow swales to intercept runoff. One duplex is experiencing flooding in this area, and severe yard flooding is also occurring (see page 14).	\$250,000
South 32nd Street/South 33rd Street/South 34th Street Area (Drainage Study) The purpose of this study is to evaluate the existing storm drainage system to determine solutions to the ongoing flooding problems in this area. The study will also involve downstream areas located within the FEMA regulated flood plain. At least eight residences are experiencing flooding in this area, and others are suspected of flooding. Severe street and yard flooding are also occurring (see page 13).	\$150,000
Gary Court Area This project will add storm drains and overflow swales to intercept runoff. Three houses are experiencing flooding in this area, and severe street and yard flooding are also occurring (see page 14).	\$350,000
PRADCO, 3601 Jenny Lind Road This project will add a concrete channel, concrete wall, and storm drains to intercept and redirect storm drainage around PRADCO. PRADCO is experiencing flooding in the back half of their building (see page 13).	\$600,000
3321 South 35th Street This project will extend an existing concrete channel and add concrete walls and swales to intercept runoff. One house is experiencing flooding at this location, and severe yard flooding is also occurring (see page 13).	\$250,000

\$950,000 Country Club Avenue/Carthage Street/South 66th Street Area This project will add storm drains on Country Club Avenue, South 65th Street, and Carthage Street to intercept runoff. Three houses are experiencing flooding in this area, and severe street and yard flooding are also occurring. This project will also replace a severely eroded earthen ditch located downstream at the Twin Sixes Apartments on South 66th Street with concrete channel and ditch paving. The existing eroded channel is becoming a danger to structures and residents and is also a major maintenance issue (see page 14). \$150,000 Bost, 1801 South 74th Street This project will add a concrete wall and a concrete swale to intercept runoff from the hillside behind Bost. Several rooms on the back side of Bost experience flooding, and severe yard flooding is also occurring (see page 15). 1110 South 67th Street (South 66th Street & Hestand Lane) \$350,000 This project will add a concrete wall and ditch paving and will replace and extend an existing storm drain in order to intercept and redirect runoff. One duplex is experiencing flooding at this location, and severe yard flooding is also occurring (see page 15). \$100,000 6618 Highway 271 This project will add a concrete wall and a concrete swale to intercept and redirect runoff. One house is experiencing flooding in this area, and severe yard flooding is also occurring (see page 16). \$100,000 6201 Old Greenwood Road This project will replace undersized driveway culverts and add ditch paving and earthen berms to intercept and redirect runoff. One house is experiencing flooding in this area, and severe yard flooding is also occurring (see page 16).

Total \$5,200,000

\$150,000

3915 MacArthur Drive

occurring (see page 12).

This project will add a storm drain to intercept runoff. One house is

experiencing flooding in this area, and severe street and yard flooding is also

