

RESOLUTION NO. R-191-21

**A RESOLUTION APPROVING AND AUTHORIZING  
IMPLEMENTATION OF THE FIVE YEAR (2022-2026)  
SALES TAX PROGRAM FOR STREETS, BRIDGES  
AND ASSOCIATED DRAINAGE IMPROVEMENTS**

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

SECTION 1: The Five Year (2022-2026) Sales Tax Program for Streets, Bridges and Associated Drainage Improvements as identified and specified in the attachment hereto is hereby approved.

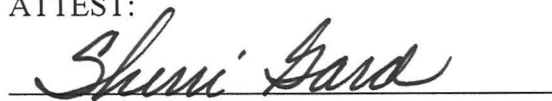
SECTION 2: The staff is directed to proceed with implementation of the 2022 Sales Tax Program.

This Resolution adopted this 2<sup>nd</sup> day of December, 2021.

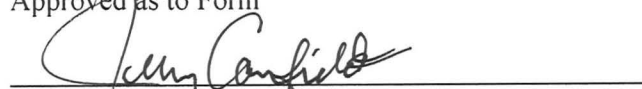
APPROVED:

  
\_\_\_\_\_  
Mayor

ATTEST:

  
\_\_\_\_\_  
City Clerk

Approved as to Form

  
\_\_\_\_\_  
No Publication Required

**CITY OF FORT SMITH**

10/6/21

**Five-Year Capital Improvement Program for Streets, Bridges and Drainage (2022-2026)**

		2021	2022	2023	2024	2025	2026
	<b>Beginning Balance</b>	35,821,873	34,661,806	15,321,477	10,411,262	7,271,470	4,586,929
	Current Year Sales Tax Revenue	25,323,343	25,323,343	25,576,576	25,832,342	26,090,666	26,351,572
	<b>Total Funds Available</b>	<b>61,145,216</b>	<b>59,985,149</b>	<b>40,898,053</b>	<b>36,243,604</b>	<b>33,362,135</b>	<b>30,938,502</b>
1	Street Overlays & Reconstruction	10,017,291	10,056,963	12,000,000	12,000,000	12,000,000	12,000,000
2	Neighborhood Drainage Improvements	5,903,822	9,158,975	5,620,000	4,720,000	4,000,000	4,000,000
3	Downtown Traffic and Truck Route	0	100,000	0	0	0	0
4	Intersection and Signal Improvements	1,261,098	1,641,059	650,000	650,000	650,000	650,000
5	Kelley Highway Extension to Riverfront Drive	5,000	500,000	500,000	7,000,000	7,500,000	0
6	Towson Avenue - Garrison to Zero Street	0	0	2,000,000	0	0	0
7	Geran Road Reconstruction	4,648,082	4,100,000	0	0	0	0
8	Levee/Bank Stabilization	50,000	2,500,000	0	0	0	0
9	Major Stormdrain Rehabilitation	63,000	4,750,000	0	0	0	0
10	May Branch Outfall Culvert Remediation	348,000	6,100,000	0	0	0	0
11	Flooded Residence Buyout Program	0	250,000	250,000	250,000	250,000	250,000
12	May Branch Drainage	0	350,000	0	0	0	4,000,000
13	Hwy 45 widening - Zero St to Hwy 71	0	0	3,337,500	0	0	0
14	Leigh Avenue Extension	0	600,000	900,000	0	0	0
15	Airport Blvd Realignment	0	100,000	900,000	0	0	0
16	Economic Development	100,000	1,100,000	1,000,000	1,000,000	1,000,000	1,000,000
17	FCRA Development	673,294	0	0	0	0	0
18	Railroad Crossing Panels	333,000	275,000	225,000	225,000	225,000	225,000
19	Traffic Studies	48,000	20,000	20,000	20,000	20,000	20,000
20	Street/Drainage by Street Operations Dept.	500,000	500,000	500,000	500,000	500,000	500,000
21	Contingency	293,540	300,000	300,000	300,000	300,000	300,000
	<b>Subtotal Expenditures</b>	<b>24,244,128</b>	<b>42,401,997</b>	<b>28,202,500</b>	<b>26,665,000</b>	<b>26,445,000</b>	<b>22,945,000</b>
22	Indirect and Operating Costs	2,239,282	2,261,675	2,284,292	2,307,134	2,330,206	2,353,508
	<b>Total Expenditures</b>	<b>26,483,410</b>	<b>44,663,672</b>	<b>30,486,792</b>	<b>28,972,134</b>	<b>28,775,206</b>	<b>25,298,508</b>
	<b>Ending Balance</b>	<b>34,661,806</b>	<b>15,321,477</b>	<b>10,411,262</b>	<b>7,271,470</b>	<b>4,586,929</b>	<b>5,639,994</b>

				Estimated 2021 Expenditure	Estimated 2022 Expenditure	Estimated 2023 Expenditure	Estimated 2024 Expenditure	Estimated 2025 Expenditure	Estimated 2026 Expenditure	Remarks
Description	Account Code	Project #	Total	10,017,291	10,056,963	12,000,000	12,000,000	12,000,000	12,000,000	
<b>1 Street Overlays &amp; Reconstruction</b>			<b>Total</b>	<b>10,017,291</b>	<b>10,056,963</b>	<b>12,000,000</b>	<b>12,000,000</b>	<b>12,000,000</b>	<b>12,000,000</b>	
Street Overlays/Reconstruction	4103190005	19-03-B	923,693	0	0	0	0	0	0	\$923,693.24 (2021 expenditures through 8/23/21). Finaled on 7/20/21.
Street Overlays/Reconstruction	4103190006	19-03-D	715,711	0	0	0	0	0	0	\$715,711.50 (2021 expenditures through 8/24/21). Finaled on 7/20/21.
Street Overlays/Reconstruction, Phase A	4103200001	20-03-A	885,170	0	0	0	0	0	0	\$885,169.86 (2021 expenditures through 8/25/21). Finaled on 5/4/21.
Street Overlays/Reconstruction, Phase B	4103200007	20-03-B	990,909	0	0	0	0	0	0	\$990,909.22 (2021 expenditures through 8/25/21). Finaled on 6/15/21.
Street Overlays/Reconstruction, Phase C	4103200005	20-03-C	2,300,000	0	0	0	0	0	0	\$1,102,805.42 (2021 expenditures through 8/25/21). Const contract is \$2,584,086.44. Estimated construction cost of \$2.3 million, all in 2021.
Street Overlays/Reconstruction, Phase D	4103200003	20-03-D	2,400,000	0						\$940,543.26 (2021 expenditures through 8/25/21). Const contract is \$2,428,385.00. Estimated construction cost of \$2.4 million, all in 2021
Street Overlays/Reconstruction, Phase A	4103210008	21-03-A	472,600	2,400,000						\$72,600 ESC in 2021. Estimated construction \$2.8 mil, split \$400K in 2021 and \$2.4 mil in 2022
Street Overlays/Reconstruction, Phase B	4103210002	21-03-B	371,250	2,000,000						\$71,250 ESC in 2021. Estimated construction \$2.3 mil, split \$300K in 2021 and \$2.0 mil in 2022.
Street Overlays/Reconstruction, Phase C	4103210003	21-03-C	574,000	2,389,963						\$74,000 ESC in 2021. Const cont is \$2,889,963.18, split \$500K in 2021 and \$2,389,963 in 2022.
Street Overlays/Reconstruction, Phase D	4103210004	21-03-D	383,959	1,667,000						\$86,810 ESC in 2021. Const cont \$2,297,149 on August 31. Contract includes installation of 6 railroad crossing panels on Darby Avenue. Reduce const est by \$333,000 as RR crossing panel cost are covered in item 18. Const amount of \$1,964,149 split construction \$297,149 in 2021, \$1,667,000 in 2022.
Street Overlays/Reconstruction		2022	0	1,600,000	11,000,000					\$12.6 mil budgeted for 2022 program year. The funding is split between two calendar years, \$1.6 mil in 2022 calendar year and \$11.0 mil in 2023 calendar year.
Future Street Overlays/Reconstruction		2023-2026	0	0	1,000,000	12,000,000	12,000,000	12,000,000		2023-2026 budgets \$12.0 mil for each program year. The funding is split between two calendar years, i.e., \$12.0 mil per program year = \$1 mil in first calendar year and \$11.0 mil in next calendar year.

Description	Account Code	Project #	Estimated 2021 Expenditure	Estimated 2022 Expenditure	Estimated 2023 Expenditure	Estimated 2024 Expenditure	Estimated 2025 Expenditure	Estimated 2026 Expenditure	Remarks
<b>2   Neighborhood Drainage Improvements</b>		<b>Total</b>	<b>5,903,822</b>	<b>9,158,975</b>	<b>5,620,000</b>	<b>4,720,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	
LOMR for No Name Creek - Neighborhood Drainage, Ph. B (S 46th - Valley to R Street)	4103110001	12-06-B	14	0	0	0	0	0	LOMR for No Name Creek Tributary, 46th Street. 1/18/21-\$13.50. Case #19-06-3706P became effective on October 14, 2020
Neighborhood Drainage, Ph. B2 (400 block of South 89th Street) Note this location may be combined with another drainage project		14-06-B2	0	410,000	0	0	0	0	No project entered into Munis system. Design of project being completed in house. \$0 expenditures through 8/23/21. Est \$10K ROW and \$400,000 Const. 2022. May combine with another project.
Neighborhood Drainage, Ph. C (Channel from Carthage to Phoenix)	4103160003	16-06-C	0	100,000	2,500,000	0	0	0	\$0 (2021 expenditures through 8/25/21). Est \$100,000 for ROW and ESC in 2022. Construction est of \$2.5 million in 2023
Neighborhood Drainage, Ph. A (Ramsey Trib Improvements)	4103160006	17-06-A	706,298	0	0	0	0	0	\$706,298.46 (2021 expenditures through 8/25/21). Finaled on 9/7/21.
LOMR for Mill Creek Crossing on Ingersoll	1105-520100	07-01-A	6,800	0	0	0	0	0	\$1,220 YTD expenditures 2021. Case #21-06-0438P. Estimate \$6,800 ESC for 2021
Neighborhood Drainage - Boston Street between Towson and Jenny Lind (includes resurfacing of Boston and Bluff between Dallas and Boston)	4103190011	19-06-B	2,100,000	0	0	0	0	0	\$735,357.69 (2021 expenditures through 8/25/21). Construction est of \$2.1 million in 2021
Neighborhood Drainage, Phase B, 700 Candlestick / 7100 S. T Street / 5200 Moody Dr	4103200012	20-06-B	438,407	1,338,975	0	0	0	0	\$38,407.14 (2021 expenditures through 8/25/21). Construction contract bid on 8/24/21, \$1,738,975. Est ESC \$38,407 in 2021. Est. const \$400K in 2021, \$1,338,975 in 2022
Neighborhood Drainage, Phase C, 9800 Brooken Hill / 2100 S. 88th St.	4103200013	20-06-C	40,000	1,500,000	0	0	0	0	\$31,382.50 (2021 expenditures through 8/3/21). Est \$40K ESC in 2021 and const \$1.5 mil in 2022
Neighborhood Drainage, Phase D, 4900 Block of Grand / UAFS	4103200014	20-06-D	1,559,082	0	0	0	0	0	\$1,559,081.87 (2021 expenditures through 8/25/21). Finaled on 9/7/21.
Levee O/M Completion, FEMA Certification and LOMR	4103210016	21-06-F	20,000	50,000	0	0	0	0	ESC is \$47,500. Estimate FEMA LOMR fees at \$22,500. \$70,000 total split \$20K in 2021 and \$50K in 2022
Neighborhood Drainage, Phase A, 3100 Blk of Briarcliff	4103210005	21-06-A	186,500	1,300,000					\$186,500 ESC in 2021. Construction estimate \$1.3 mil in 2022
Neighborhood Drainage, Phase B, 7900 Blk of Yorktown, 3800 Blk of Park, and 3400 Blk of Edinburgh	4103210006	21-06-B	150,620	1,000,000	1,000,000				\$150,620 ESC in 2021. Construction estimate \$2.0 mil split \$1.0 mil 2022 and \$1.0 mil 2023
Neighborhood Drainage, Phase C, 7200 Blk of Hwy. 271 and 4300 Blk of Phoenix	4103210010	21-06-C	106,075	1,300,000	1,000,000				\$106,075 ESC in 2021. Construction estimate \$2.3 split \$1.3 mil in 2022 and \$1.0 mil in 2023
Neighborhood Drainage, Phase D, Mill Creek Gabions	4103210007	21-06-D	590,026	2,000,000					\$97,498 ESC in 2021. Construction contract of \$2,492,528 bid on 9/21/21. Est const \$492,528 in 2021 and \$2.0 mil in 2022
<b>Drainage Projects</b>		<b>2022</b>	<b>0</b>	<b>160,000</b>	<b>720,000</b>	<b>720,000</b>			Est \$1.6 mil split \$160K in 2022, \$720K in 2023 and \$720K in 2024
<b>Future Drainage Projects</b>			<b>0</b>	<b>0</b>	<b>400,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	<b>4,000,000</b>	2023-2026 budgets \$4.0 mil for each program year. The funding is split between two calendar years, i.e., \$4.0 mil per program year = \$400K in first calendar year and \$3.6 mil in next calendar year.

Description	Account Code	Project #	Estimated 2021 Expenditure	Estimated 2022 Expenditure	Estimated 2023 Expenditure	Estimated 2024 Expenditure	Estimated 2025 Expenditure	Estimated 2026 Expenditure	Remarks
<b>3 Downtown Traffic and Truck Route</b>		<b>Total</b>	<b>0</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Split phase for North 5th signal at Garrison, Protected left turns on Garrison and possible radius improvements			0	100,000	0	0	0	0	No project entered into Munis system. Project delayed to 2022 due to ArDOT Hwy 64 project's traffic counts being taken in fall of 2021
<b>4 Intersection and Signal Improvements</b>		<b>Total</b>	<b>1,261,098</b>	<b>1,641,059</b>	<b>650,000</b>	<b>650,000</b>	<b>650,000</b>	<b>650,000</b>	
Intersection Improvements, N. 50th @ Kelley Hwy., S. 66th @ Phoenix	4103180009	18-09-B	74,439						\$74,438.78 (2021 expenditures through 8/25/21). Finaled on 7/20/21.
Traffic Signals - 2019 - Albert Pike at O Street and Jenny Lind at Dodson	4103190004	19-09-A	176,790	0	0	0	0	0	\$176,790.38 (2021 expenditures through 8/3/21). Finaled on 5/11/21.
Traffic Signal Improvements, Midland Ave./Riverfront Dr. and Wheeler Ave. / Fresno St.	4103200002	20-09-A	520,038	0	0	0	0	0	\$177,881.36 (2021 expenditures through 8/26/21). Construction contract \$520,037.50. Est const \$520,038 in 2021
Traffic Signal Battery Backup - 84 intersections	4103200009	20-09-B	28,574	0					\$28,574.16 (2021 expenditures through 8/26/21). Finaled on 3/2/21.
Traffic Signal Improvements, Phoenix / S. 46th St.	4103200004	20-09-D	289,257	0	0	0	0	0	\$289,257.14 (2021 expenditures through 8/26/21). Finaled on 9/7/21
Traffic Signal Improvements - 9th Street with Rogers Avenue, A Street and B Street	4103210001	21-09-A	172,000	691,059	0				\$72,000 ESC (2021 Expenditure). Construction contract is \$791,059. Estimate \$100,000 const in 2021 and \$691,059 const in 2022
Traffic Signal Improvements, North 6th Street/A Street and North 6th/B Street		2022		50,000	600,000	0	0	0	Estimate \$50K ESC in 2022 and \$600K const in 2023
Corridor timing plans - Midland, Kelley and Phoenix		2022	0	900,000	0				Includes a total of 20 intersections. ATC Controllers (\$40,000) plus \$3,000 timing plans. Say \$45,000 per intersection or \$900K total in 2022
Future Traffic Signals		2023-2026		0	50,000	650,000	650,000	650,000	Estimate 2 traffic signals per year. Cost is split between two calendar years. Estimated cost is \$325K per intersection
<b>5 Kelley Highway Extension to Riverfront Drive</b>	4103150003	<b>15-01-A</b>	<b>5,000</b>	<b>500,000</b>	<b>500,000</b>	<b>7,000,000</b>	<b>7,500,000</b>	<b>0</b>	\$1,480.00 ESC (2021 expenditures through 8/26/21). Estimate \$5,000 ESC in 2021. Estimated ROW is \$1.0 mil split between 2022/2023. Preliminary Const est is \$14.5 mil, \$3.0 mil is related to R/R crossings. Est construction in 2024 and 2025

Description	Account Code	Project #	Estimated 2021 Expenditure	Estimated 2022 Expenditure	Estimated 2023 Expenditure	Estimated 2024 Expenditure	Estimated 2025 Expenditure	Estimated 2026 Expenditure	Remarks
<b>6 Towson Avenue - Garrison to Zero Street</b>		<b>Total</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Partner with ArDOT. Estimated cost is \$12.5 mil, City share is \$2.0 mil. Work includes drainage, curb, sidewalk, driveway, asphalt surface. City takes ownership after completion.	4103190014	20-02-A	0	0	2,000,000				\$0 (2021 expenditures through 8/26/21). Partner with ArDOT. City share is \$2.0 mil. Work includes drainage, curb, sidewalk, driveway, asphalt surface. City takes ownership after completion. ArDOT estimates construction bidding in late 2023.
<b>7 Geren Road Reconstruction</b>	4103110003	<b>15-02-A</b>	<b>4,648,082</b>	<b>4,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	\$1,848,082.33 (2021 expenditures through 9/17/21, includes \$62,448 ESC). Construction contract is \$8,685,634. Estimate an additional \$2.8 mil construction in 2021 with remainder (\$4.1 mil) in 2022.
<b>8 Levee/Bank Stabilization</b>		<b>Total</b>	<b>50,000</b>	<b>2,500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
River Bank Stabilization at Levee - 1600 feet of rip rap adjacent to levee	4103190013	20-06-A	50,000	2,500,000	0	0	0	0	\$15,675 (2021 expenditures through 8/26/21). Est. \$50K ESC in 2021 and const est \$2.5 mil in 2022
<b>9 Major Stormdrain Rehabilitation</b>		<b>Total</b>	<b>63,000</b>	<b>4,750,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
Storm Drain Rehabilitation at Carnall Outfall Line	4103200015	20-06-E	50,000	3,850,000	0	0	0	0	\$31,651.79 YTD expenditures through 8/26/21. \$218,750.00 ESC / \$158,306.62 YTD - 72% design complete. Est \$50K ESC in 2021 and const est \$3.85 mil in 2022
Storm Drain Rehabilitation - J Street Outfall Line. Also includes minor joint repairs to six locations along the City's floodwall that experienced leakage during the Arkansas River flooding in 2019.	4103200008	20-06-F	13,000	900,000	0	0	0	0	\$5,565.00 YTD expenditures through 8/26/21. \$73,390 ESC / \$60,390.82 YTD - 82% design complete. Est \$13K ESC in 2021 and const est \$900K in 2022
<b>10 May Branch Outfall Culvert Remediation</b>	4103210009	<b>21-06-E</b>	<b>348,000</b>	<b>6,100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	ESC is \$348,800 in 2021. Estimated construction cost is \$6.1 million, all in 2022
<b>11 Flooded Residence Buyout Program</b>			<b>0</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	
Annual amount for Flooded Residence Buyout Program			0	250,000	250,000	250,000	250,000	250,000	\$0 (2021 expenditures through 8/26/21)
<b>12 May Branch Drainage</b>			<b>0</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,000,000</b>	Est \$350K city share with COE in 2022. \$4.0 mil in 2026 is dependent upon COE study and obtaining federal funding.

Description	Account Code	Project #	Estimated 2021 Expenditure	Estimated 2022 Expenditure	Estimated 2023 Expenditure	Estimated 2024 Expenditure	Estimated 2025 Expenditure	Estimated 2026 Expenditure	Remarks
13 Hwy 45 widening - Zero St to Hwy 71	4103170011	17-01-B	0	0	3,337,500	0	0	0	\$0 (2021 expenditures through 8/26/21). Cost sharing with ArDOT. City share is \$3,737,500 mil*. \$400K (paid in 2019) and \$3,337,500 est in 2023. ArDOT estimates construction bidding in early 2023 due to utility relocations. *Note City's original \$4.0 mil contribution reduced by \$262,500 reduction due to ArDOT contribution on Excelsior Drive
14 Leigh Avenue Extension			0	600,000	900,000	0	0	0	Estimated cost is \$1.5 mil. Est \$600K in 2022 and \$900K in 2023
15 Airport Blvd Realignment			0	100,000	900,000	0	0	0	Total project cost est is \$1.0 mil. Est \$100K in 2022 and \$900,000 in 2023
16 Economic Development			100,000	1,100,000	1,000,000	1,000,000	1,000,000	1,000,000	For 2021 and 2022, cost is for Excelsior Drive (800') adjacent to Owen's coming. Total estimated cost is \$1.2 mil, split \$100K in 2021 and \$1.1 mil in 2022.
17 FCRA Development			<b>Total</b>	<b>673,294</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
	Massard Road - Extension of Boulevard south from Zero to Planters	4103180004	18-01-A	673,294	0	0	0	0	\$673,294.00 YTD expenditures through 8/26/21. Finaled on 7/6/21.
18 Railroad Crossing Panels			<b>Total</b>	<b>333,000</b>	<b>275,000</b>	<b>225,000</b>	<b>225,000</b>	<b>225,000</b>	
	Railroad Crossing Panels - Darby Avenue		2021	333,000	0				6 crossings. The construction is included in Project No. 21-03-D.
	Railroad Crossing Panels - locations include 6th/Sundown, S66th north of Hwy 255 and Painter Lane north of Hwy 255		2022		225,000				Estimate \$75K per crossing for a total of \$225K
	Re-evaluation of Rail Road Crossings		2022		50,000				
	Future Railroad Crossing Panels 2023-2026					225,000	225,000	225,000	Estimate 3 crossings per year at \$75K per crossing for an annual total of \$225K.

	Description	Account Code	Project #	Estimated 2021 Expenditure	Estimated 2022 Expenditure	Estimated 2023 Expenditure	Estimated 2024 Expenditure	Estimated 2025 Expenditure	Estimated 2026 Expenditure	Remarks
<b>19</b>	<b>Traffic Studies</b>		<b>Total</b>	<b>48,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	<b>20,000</b>	
	South 6th Street at Bakery District	4103210015	21-12-B	48,000						
	Future Traffic Studies			0	20,000	20,000	20,000	20,000	20,000	
<b>20</b>	<b>Street/Drainage by Street Operations Dept.</b>	<b>1105-527600</b>		<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	Estimate \$500K for 2021. Includes asphalt, concrete/baskets/rebar, drainage pipe, gabion stone and rip rap, manhole covers/rings, sod/topsoil, fencing, traffic signal detection
<b>21</b>	<b>Contingency</b>		<b>Total</b>	<b>293,540</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	
	Street Striping Replacement - 2020	4103200006	20-85-A	91,439						\$91,439 YTD. Project finalized on 9/7/2021
	Street Striping Replacement - 2021	4103210013	21-85-A	133,651						Const Contract of \$133,651.25 approved 9/7/2021. Estimate construction of \$133,651 in 2021.
	Aurigo Construction Management Software Annual Support	1105-544400		5,000						Annual support fee
	P Street Culvert Evaluation	4103200016	20-90-A	10,000						\$4,645.00 YTD (expenditures through 8/26/21). Evaluation of concrete joints on P Street outfall and coordination for submittal to FEMA. Estimate \$10K for 2021
	MS4 General Permit	1105-544400		200						Annual permit fee
	Seb. Co. Clerk, Scanning CIP projects			5,000						
	Pavement Management - Street Ratings	4103210012	21-12-A	48,250						\$48,250 YTD expenditure through 8/26/21. Project is complete
	Contingency item 2023-2026			0	300,000	300,000	300,000	300,000	300,000	
			<b>Sub Total</b>	<b>24,244,128</b>	<b>42,401,997</b>	<b>28,202,500</b>	<b>26,665,000</b>	<b>26,445,000</b>	<b>22,945,000</b>	
<b>22</b>	<b>Indirect and Operating Costs</b>			<b>2,239,282</b>	<b>2,261,675</b>	<b>2,284,292</b>	<b>2,307,134</b>	<b>2,330,206</b>	<b>2,353,508</b>	Provided from Finance Dept 9/21/21
			<b>Grand Total</b>	<b>26,483,410</b>	<b>44,663,672</b>	<b>30,486,792</b>	<b>28,972,134</b>	<b>28,775,206</b>	<b>25,298,508</b>	



**Five Year Capital Improvement Program (2022-2026)  
Streets, Bridges and Drainage Sales Tax Funds**

**Descriptions of Selected Projects  
October 1, 2021**

**1. Street Overlays and Reconstruction.** The total length of streets proposed to be improved is approximately 9.1 miles as shown on the attached list and exhibits. The estimated cost for the 2022 street overlays and reconstruction projects totals \$12.6 million, with an estimated \$1.6 mil expended in 2022 and \$11.0 mil expended in 2023. The total cost shown in 2022 is \$10.1 million which includes \$8.5 million in remaining construction for the 2021 projects. (See pages 5-11)

**2. Neighborhood Drainage Improvements.** The projects identified in the 2022 drainage program include drainage improvements in two areas shown on the attached list and exhibits. These projects are associated with structure flooding. The total estimated cost for this work is \$1.6 million, with an estimated \$160,000 expended in 2022 and \$720,000 expended in both 2022 and 2023. The total cost shown in 2022 is \$9.2 million which includes \$9.0 million in remaining work for ongoing drainage projects. (See pages 12-13)

**3. Downtown Traffic and Truck Route.** This work includes possible traffic signal modifications for the center left turn lane phasing at the intersection of 5<sup>th</sup> Street and Garrison Avenue. For 2022, \$100,000 is budgeted for this signal modification along with some possible minor intersection turning radius improvements. It should also be noted that the Arkansas Highway Commission has recently started a planning study to determine the need for and feasibility of improvements to the State Highway System in and surrounding downtown Fort Smith. This includes the feasibility of constructing a new Highway 64 Arkansas River crossing. The traffic counts from ARDOT's study will be taken this fall and those counts will also be used for determination of the referenced possible signal modifications at Garrison and 5<sup>th</sup> Street.

**4. Intersection and Signal Improvements.** This project includes replacement of traffic signals at two intersections along North 6<sup>th</sup> Street. These intersections include North 6<sup>th</sup> Street with North A Street and North B Street. The estimated cost for the work at these two intersections is \$650,000. (See page 14). This item also includes traffic signal improvements for the following corridors: Kelley Highway, Midland Boulevard and Phoenix Avenue. (See pages 15-17) These corridors include a total of 20 signalized intersections. These intersections will be equipped with Advanced Transportation Controllers and will be interconnected to allow for increased traffic flow. The estimated cost for the improvements to these corridors is \$900,000. The total cost shown in 2022 is \$1.6 mil which includes remaining work for ongoing traffic signal projects.

**5. Kelley Highway Extension to Riverfront Drive.** This project is for the reconstruction and widening of Kelley Highway to a three lane section from Midland Boulevard to Riverfront Drive. This extension of Kelley Highway will provide a direct route between I-540 and the riverfront area. The engineering design is complete. Right of Way acquisition (65 tracts of property) and franchise utility relocations are scheduled to begin in 2022 with completion in 2023. Construction is scheduled to begin in 2024 and extend into 2025. (See page 18)

**6. Towson Avenue – Garrison Avenue to Zero Street.** This partnering project with ARDOT includes the complete rehabilitation of the approximately four mile section of Towson Avenue (Hwy 71B) between Garrison Avenue (Hwy 64) and Zero Street (Hwy 255). The project will include upgrading of the drainage system to current standards, replacement of the curb/guttering and driveway approaches, installation of sidewalks and pavement improvements to the street surface. The city's share will be 16% of the project costs, up to a maximum amount of \$2.0 million. Upon completion of the work, this section of Hwy 71 B (Towson Avenue) will be removed from ARDOT's highway system and will become a city street. The project has been delayed due to the relocations of water transmission and distribution lines. ARDOT estimates the street project will bid for construction in late 2023. (See page 19)

**7. Geren Road Reconstruction.** This project is the reconstruction and widening of Geren Road to a three lane section between Highway 45 and 58<sup>th</sup> Street. This project is currently under construction with expected completion in summer of 2022. (See page 20)

**8. Levee/Bank Stabilization.** This project includes the installation of rip rap along approximately 1600 feet of eroding river bank adjacent to the City's levee system. With the major flooding on the Arkansas River, the river bank adjacent to the "Rice Carden" levee has experienced significant erosion and needs to be stabilized before the erosion encroaches to the toe of the levee. Pending approval of the Corps of Engineers permit, we anticipate construction to be completed in 2022. (See pages 21-22)

**9. Major Stormdrain Rehabilitation.** This work includes the installation of a cured in place lining in two major storm sewer lines. Both lines are very deep and have a significant problem of leaking pipe joints which have created numerous sink holes. The first line (Carnall Outfall) varies in size from 60" to 72", averages 20 feet deep and extends 3000 feet from Towson Avenue to the Poteau River. This line runs immediately adjacent to the police department, county jail and under a significant portion of the National Cemetery. (See page 23). The second line is 54" in diameter, averages 20 feet in depth and extends 1000 feet from the J Street pump station to the Arkansas River adjacent to the U.S. Marshals Museum. The work at this location also includes minor joint repairs to six locations along the City's floodwall. These six areas experienced leakage during the Arkansas River flooding in 2019. (See page 24)

**10. May Branch Outfall Culvert Remediation.** This project includes the evaluation and remediation work for the May Branch outfall culvert relating to construction problems and potential FEMA reimbursement for damage from the 2019 Arkansas River flooding. The evaluation recommends replacement of approximately 250 feet of the 12' x 10' box culvert and comprehensive filling of the voids in the soil surrounding the remaining 800 feet of box culvert. (See page 25)

**11. Flooded Residence Buyout Program.** This program applies city wide and can be used to purchase residential properties that have experienced structure flooding if the cost of the residence/property is less than the cost of public drainage improvements to reduce the flooding. The buyout program applies to residential structure flooding from a city maintained drainage way, easement, street, or right of way. Examples of non-qualifying flood events include structure flooding where the flood source is from neighboring properties, a hillside, groundwater seepage, or the Arkansas River. To date, no properties have been purchased under this program.

**12. May Branch Drainage.** This project is to mitigate flooding along the May Branch drainage basin. The proposed design by the Corps of Engineers (COE) consists of constructing a drainage channel to replace the existing undersized concrete storm drain pipe. (See page 26) The intent was to construct Reach 1, the most downstream section of the project, from approximately North 7<sup>th</sup> Street to the river 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 became available. However, in 2016 the COE informed the City that based on their \$32 million estimated cost for Reach 1, it was very unlikely that the City would receive any federal credit for constructing Reach 1. The COE stated that extrapolating this lower reach cost estimate to the total project cost resulted in a total revised estimated cost of \$65 million which is more than double the \$31 million authorized for the entire project. Based on these costs, it was noted that the estimated project benefit to cost ratio would be less than 0.7, which is not economically justified for federal funding.

The COE has requested \$600,000 in their 2022 budget to complete an Economic Update, Cost Certification and Hydrology & Hydraulic Analysis for the May Branch project. The intent is to remove Reach 1 from the original project and let it be a standalone project without the federal funding. Upstream of Reach 1 would then be re-analyzed as a new project in an effort to increase the benefit to cost ratio, thereby allowing it to be eligible for federal funds. It is estimated this work would be split 65% Federal to 35% City. The city's share would be approximately \$350,000. Future work would be dependent upon the findings from the updated COE study and the ability of obtaining federal funding.

**13. Highway 45 widening – Hwy 255 to Hwy 71.** This partnering project with ARDOT is for the widening of Highway 45 between Highway 255 (Zero Street) and Highway 71. The project also includes the installation of traffic signals at the intersections of Highway 45 with Planters Road and Geren Road. This project is a collaboration between the ARDOT, the City of Fort Smith

and Sebastian County. The City and Sebastian County are providing funding in total amounts not to exceed \$4.0 million and \$1.1 million, respectively. The project has been delayed due to utility relocations and ARDOT estimates the street project will bid for construction in early 2023. (See page 27)

**14. Leigh Avenue Extension.** This project will extend Leigh Avenue across the “horseshoe” from Cliff Drive towards Southside High School (See page 28). The property owner has agreed to petition the Board of Directors for the abandonment of the right of way for the approximately 3,300 foot long “horseshoe” section of Leigh Avenue, which will then become a private street. The property owner has also agreed to donate the right of way for the new street extension and allow for disposal of the excess shale on their property. An agreement with the property owner regarding the right of way abandonment, street extension and shale disposal will be forth coming to the Board of Directors.

**15. Airport Boulevard Realignment.** This project includes the realignment of Airport Boulevard east of Leigh Avenue extending to the entrance to the Arkansas Air Guard. The project will also remove the connection of Leigh Avenue on the east side of Phoenix Avenue. The remaining section of Leigh Avenue east of Phoenix Avenue and north of Airport Boulevard will be abandoned and closed as a city street. This section of Leigh Avenue will be fenced and become part of the property utilized by the Arkansas Air Guard. (See page 29)

**16. Economic Development.** The item will be utilized for public street and/or drainage work associated with economic development incentives. For 2022, this item includes \$1.1 million for the construction of Excelsior Drive which will serve the new Owens Corning facility. (See page 30). The \$1.0 million budgeted annually for 2023 thru 2026 will be utilized for future work as approved by the Board of Directors.

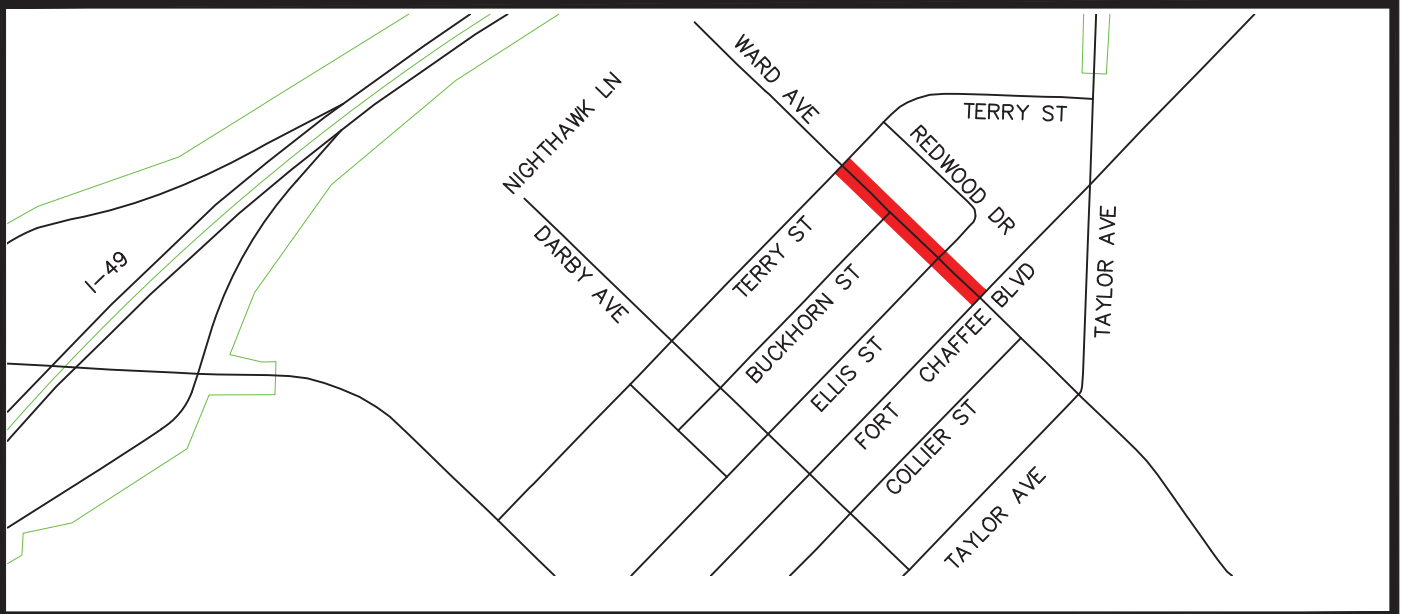
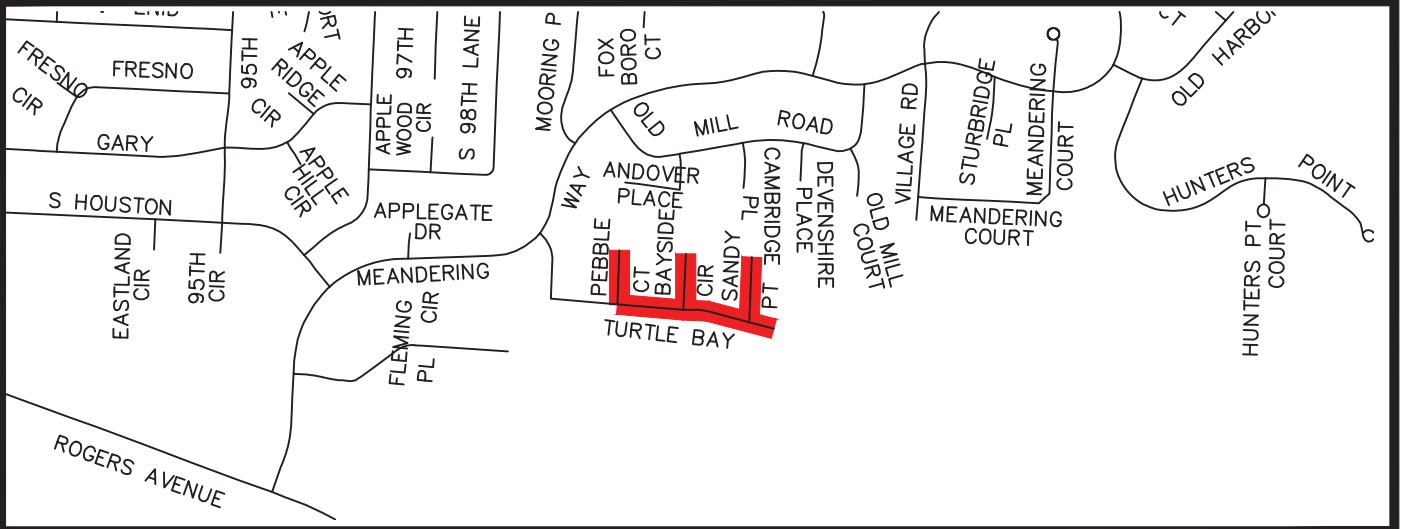
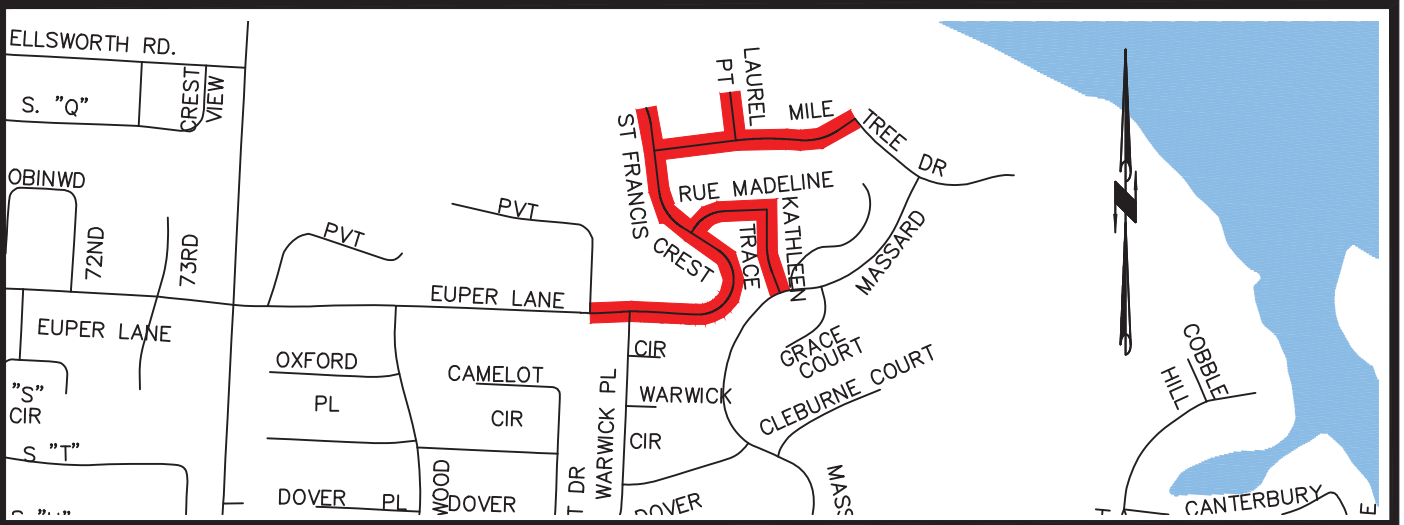
**18. Railroad Crossing Panels.** This project improves street crossings at railroads through the installation of concrete railroad crossing panels. For 2022, improvements at three locations are proposed. These include North 6<sup>th</sup> Street at Sundown Lane, South 66<sup>th</sup> Street north of Zero Street (Hwy 255) and Painter Lane north of Zero Street (Hwy 255). (See page 31) Also for 2022, we will re-evaluate the approximately 175 railroad crossings throughout the city which will aid in the determination of future projects.

**22. Indirect and Operating Costs.** This item includes indirect and operating costs associated with the implementation of the street and drainage sales tax capital improvement program. This includes costs encountered by City Engineering, Information and Technology Systems, Finance, Planning and Zoning, City Administration, Human Resources, Purchasing, Internal Audit, Collections, City Clerk, Board of Directors and the Accounting Systems / ERP.

## 2022 CAPITAL IMPROVEMENTS PROGRAM STREET OVERLAY/RECONSTRUCTION PROJECTS

STREET	FROM	TO	LENGTH (ft)	COST
MILE TREE DR.	ST. FRANCIS CREST	400 W OF MASSARD RD	1040	\$ 369,750
LAUREL POINTE	MILE TREE DR.	CUL-DE-SAC	290	\$ 73,950
ST. FRANCIS CREST	EUPER LN.	END OF ROAD	1309	\$ 333,795
RUE MADELINE RD.	ST. FRANCIS CREST	KATHLEEN TRACE	420	\$ 107,100
KATHLEEN TRACE	MASSARD RD.	RUE MADELINE RD.	475	\$ 121,125
EUPER LN.	METHODIST DR.	ST. FRANCIS CREST	530	\$ 135,150
SANDY POINT	TURTLE BAY DR.	END OF ROAD	327	\$ 83,385
BAYSIDE CR.	TURTLE BAY DR.	END OF ROAD	279	\$ 71,145
PEBBLE CT.	TURTLE BAY DR.	END OF ROAD	270	\$ 68,850
TURTLE BAY DR.	PEBBLE CT.	END OF ROAD	795	\$ 202,725
WARD AVE.	TERRY ST.	FORT CHAFFEE BLVD.	960	\$ 217,600
FREE FERRY RD.	WALDRON RD.	66TH ST.	3973	\$ 766,247
BURNHAM RD.	ROGERS AVE.	FREE FERRY RD.	6089	\$ 1,263,374
WALDRON RD.	GRAND AVE.	GORDON LN.	5643	\$ 2,190,667
39th ST.	GRAND AVE.	NORTH L ST.	1311	\$ 222,870
36th ST.	GRAND AVE.	NORTH L ST.	1319	\$ 249,144
31st ST.	DIVISION ST.	KELLEY HWY.	1325	\$ 225,250
32nd ST.	GRAND AVE.	KINKEAD AVE.	1324	\$ 287,602
NORTH ST.	6th ST.	ALBERT PIKE AVE.	3311	\$ 607,297
NORTH P ST.	MIDLAND BLVD.	13th ST.	731	\$ 234,732
NORTH D ST.	21st ST.	25th ST.	1059	\$ 200,033
22nd ST.	NORTH D ST.	NORTH E ST.	351	\$ 66,300
23rd ST.	NORTH D ST.	NORTH E ST.	351	\$ 72,930
21st ST.	NORTH B ST.	NORTH E ST.	1055	\$ 199,278
25th ST.	ROGERS AVE.	BARRY AVE.	421	\$ 107,355
BARRY AVE.	25th ST.	BELLE AVE.	344	\$ 87,720
13th ST.	GRAND AVE.	NORTH O ST.	3330	\$ 1,069,300
6th ST.	SOUTH F ST.	SOUTH D ST.	701	\$ 165,656
8th ST.	NORTH B ST.	NORTH M ST.	3148	\$ 934,821
5th ST.	NORTH B ST.	NORTH P ST.	5618	\$ 1,860,631
<b>Total Length (FEET)</b>			48,099	
<b>Total Length (MILES)</b>			9.11	

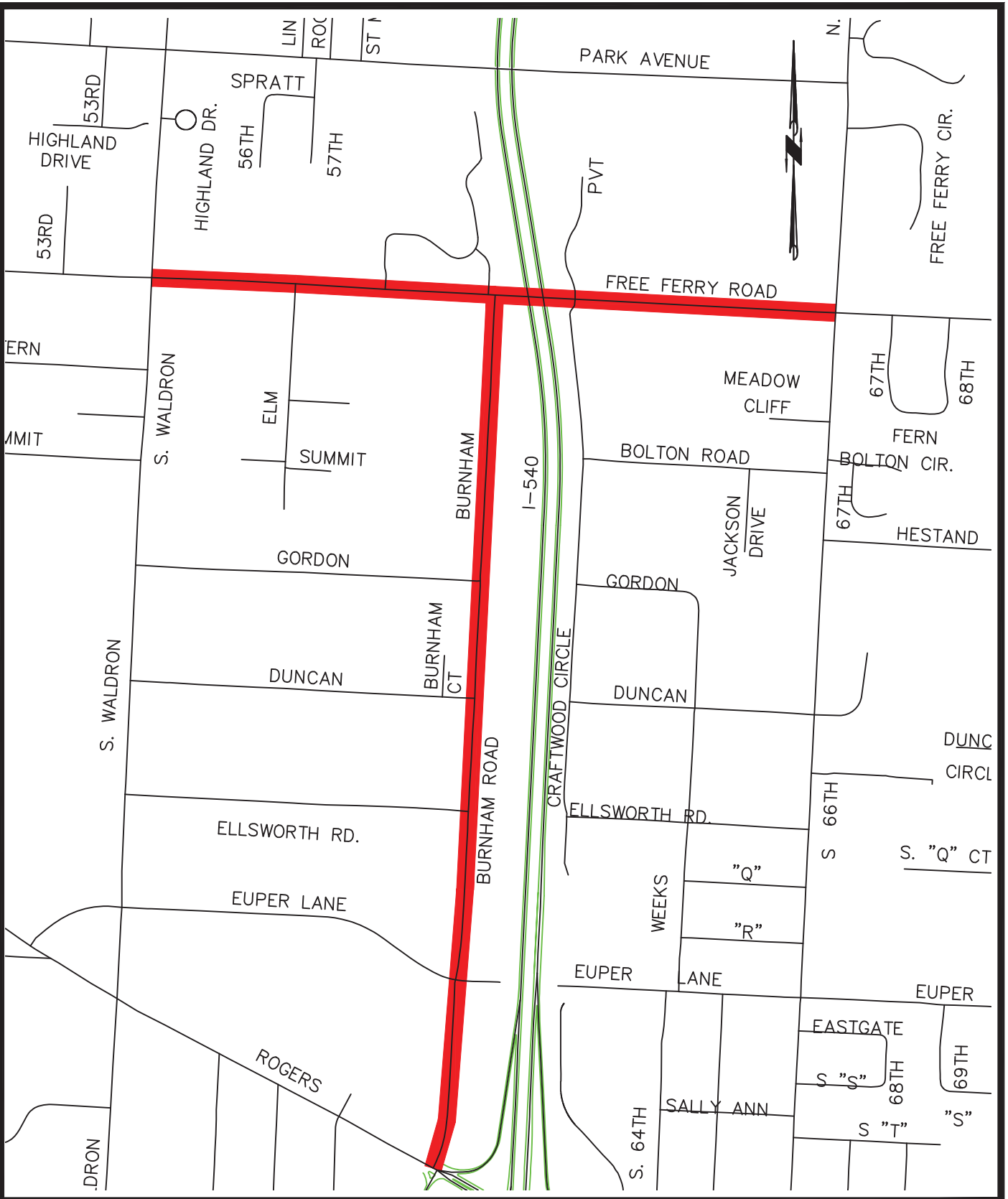
**Total for 2022 Street Overlays/Reconstruction Program**                      \$ 12,595,781



2022 CAPITAL IMPROVEMENTS PROGRAM  
STREET IMPROVEMENTS



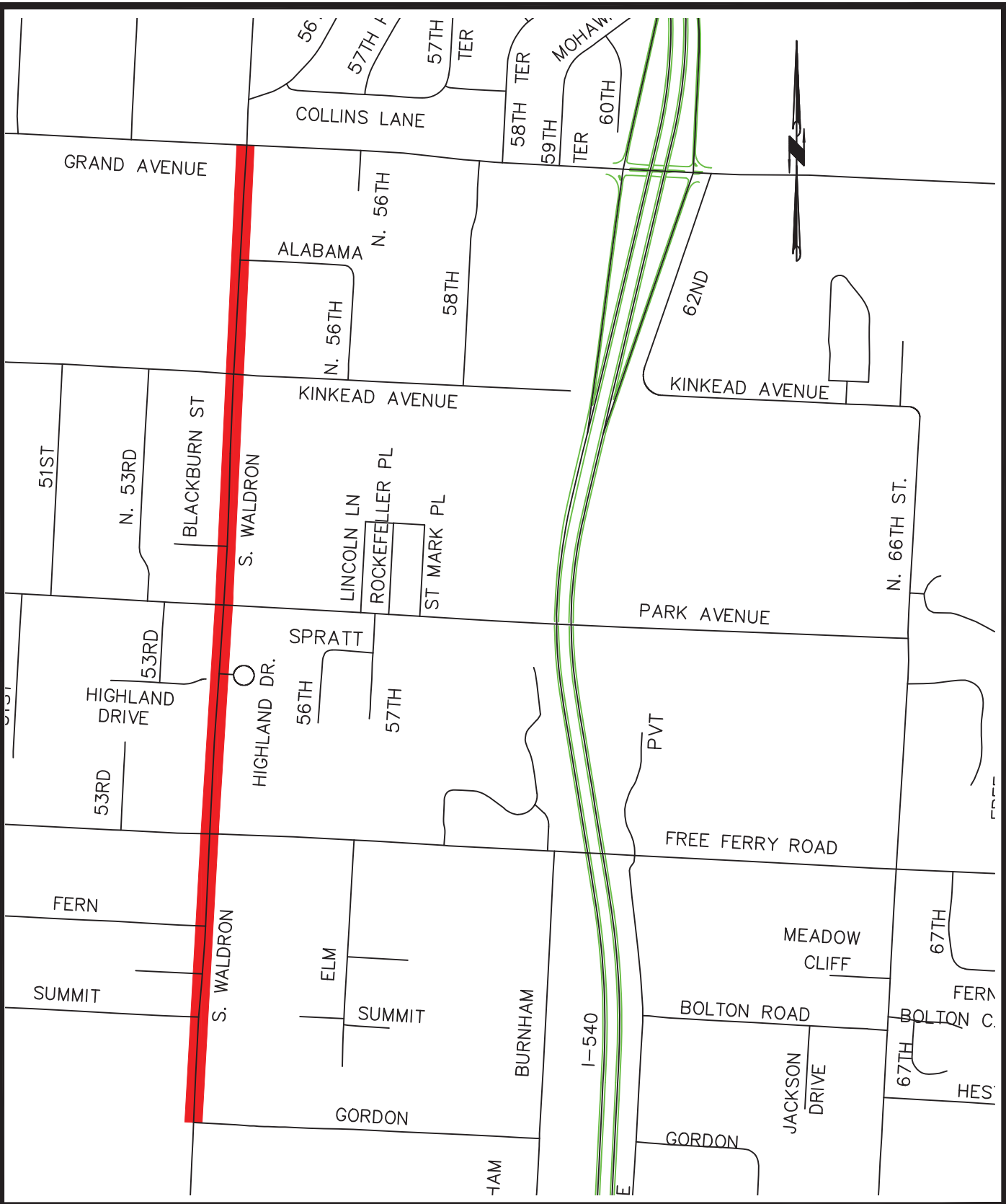
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2022 CAPITAL IMPROVEMENTS PROGRAM  
STREET IMPROVEMENTS



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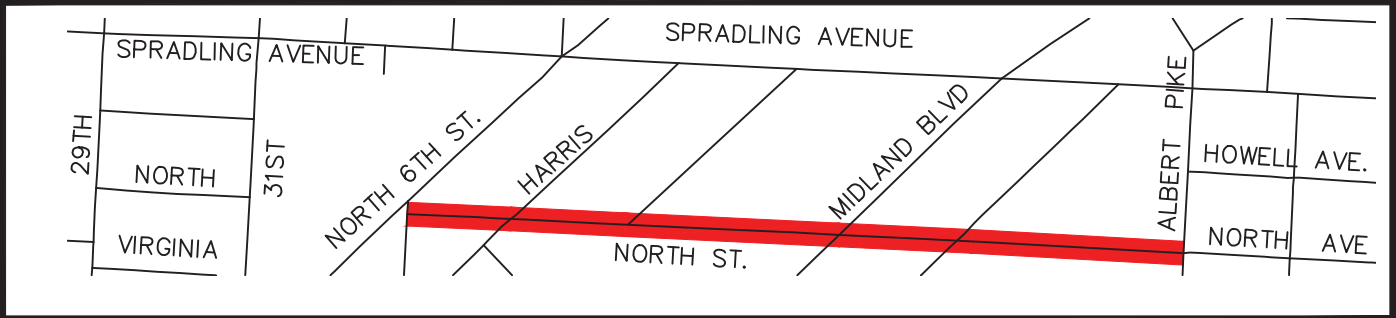
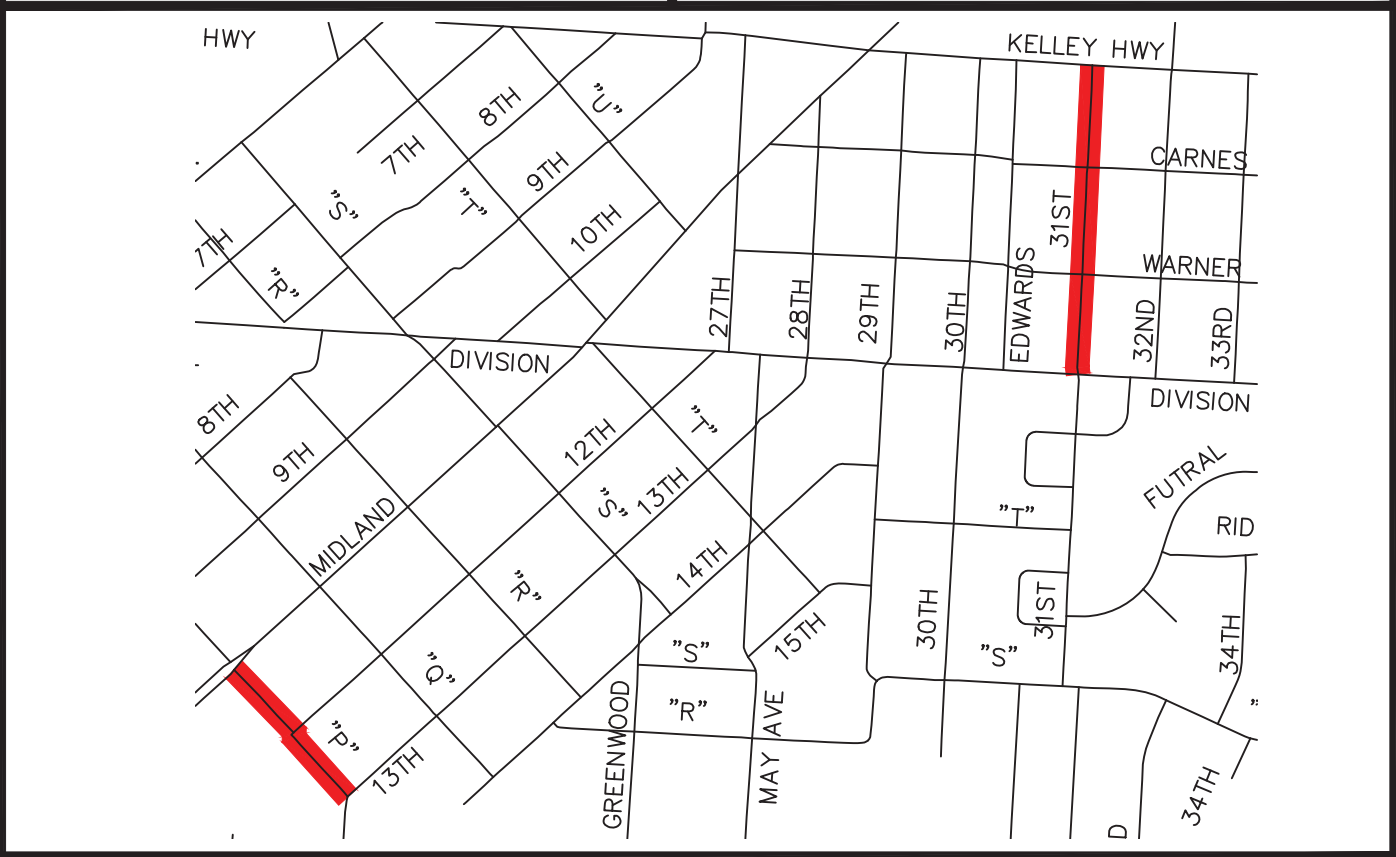
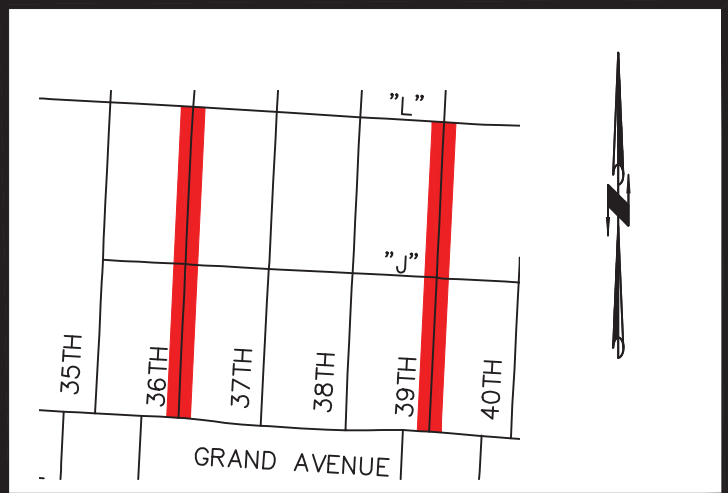
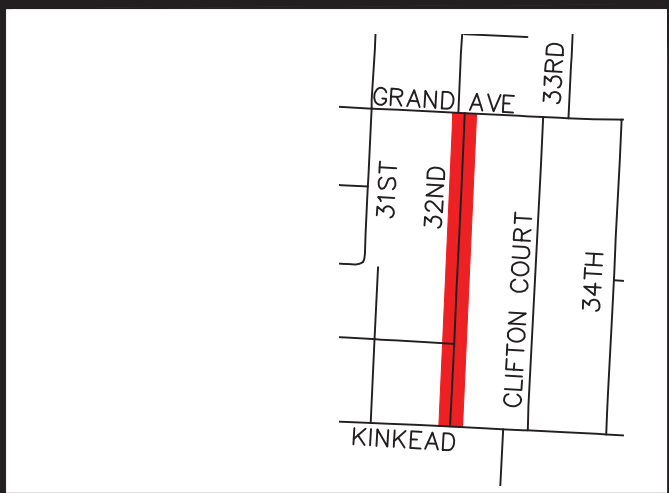


2022 CAPITAL IMPROVEMENTS PROGRAM  
STREET IMPROVEMENTS



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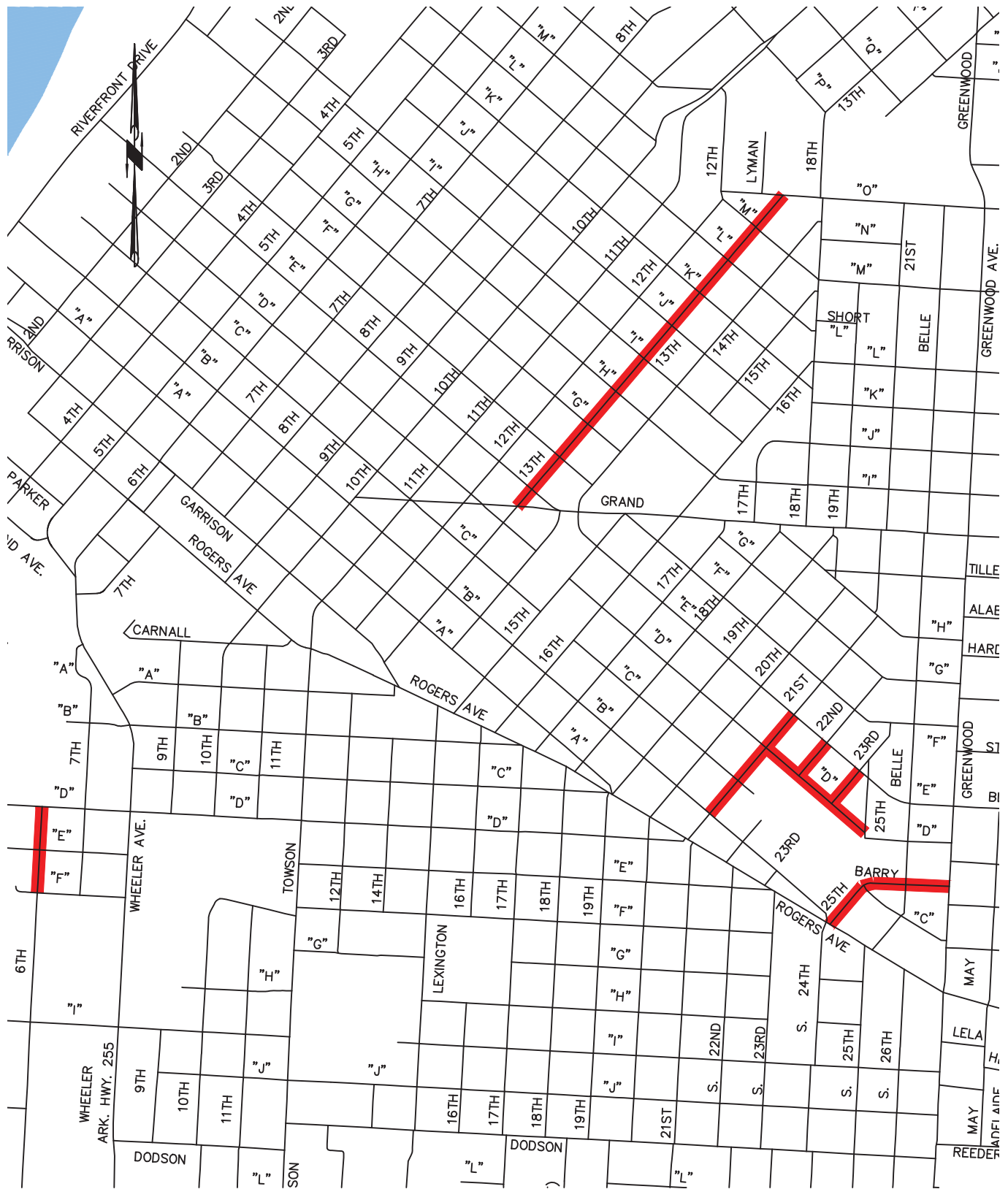




2022 CAPITAL IMPROVEMENTS PROGRAM  
STREET IMPROVEMENTS



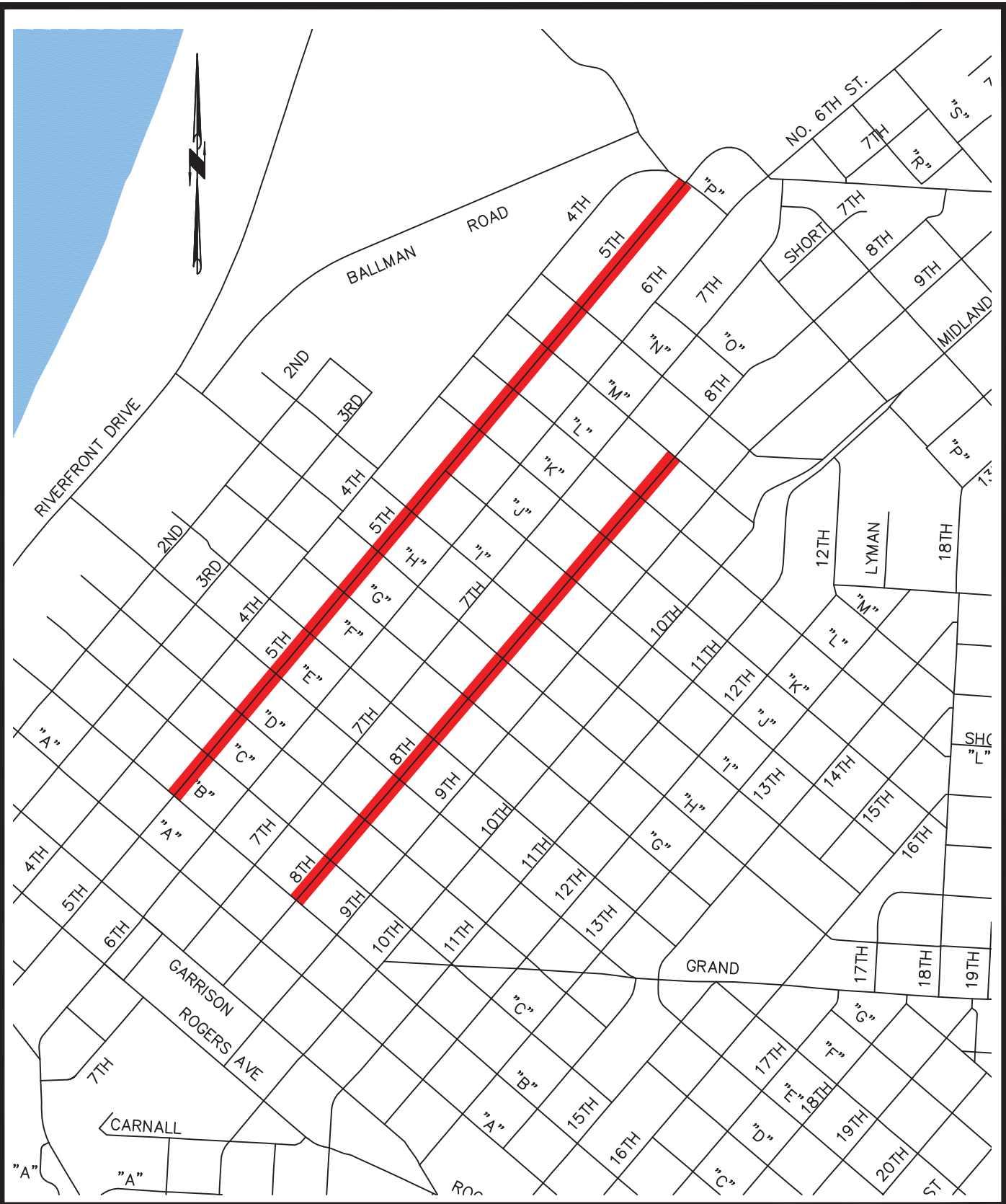
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2022 CAPITAL IMPROVEMENTS PROGRAM  
STREET IMPROVEMENTS



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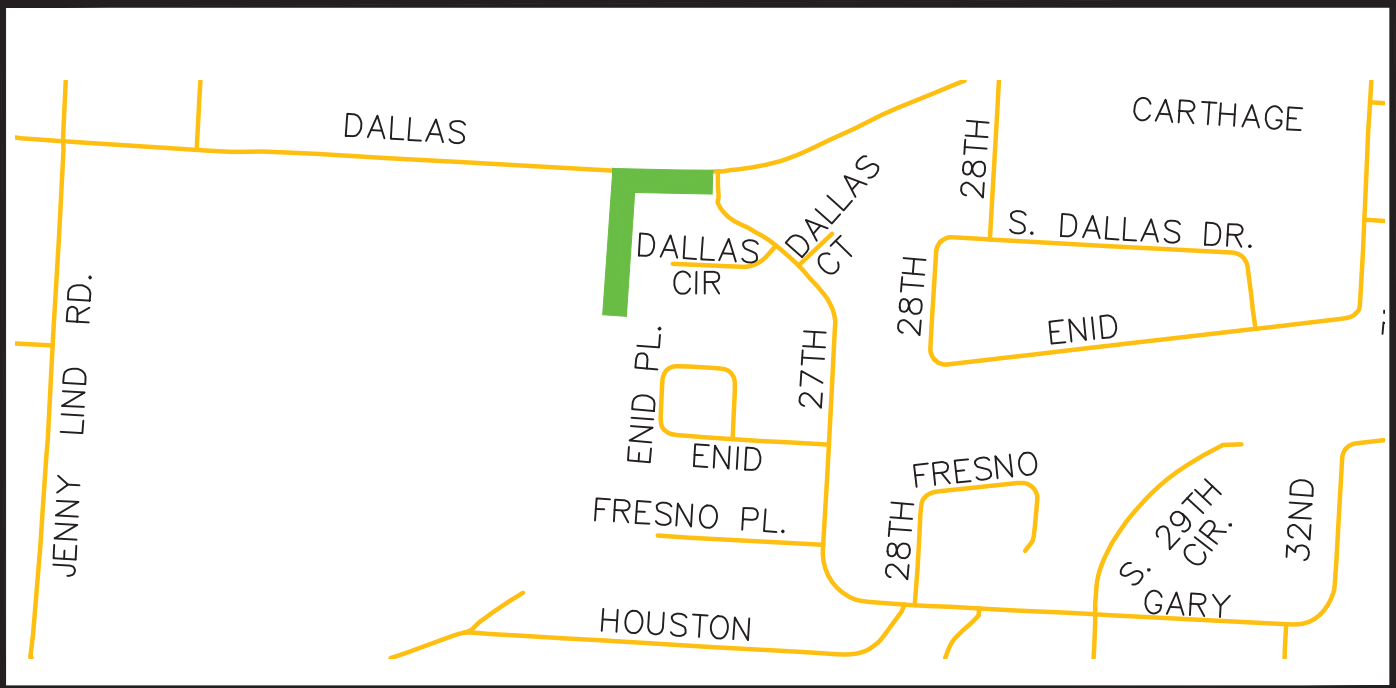
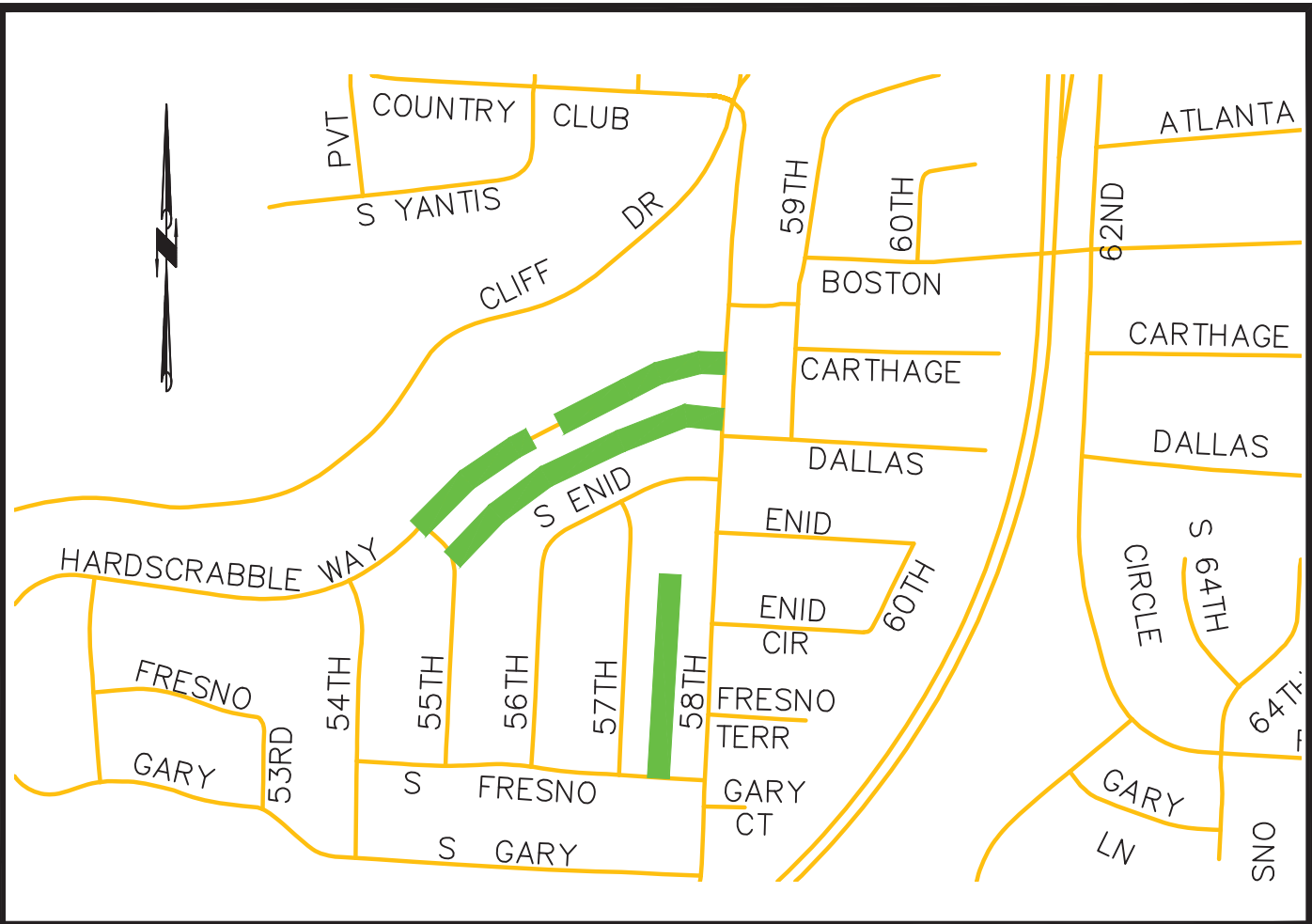
2022 CAPITAL IMPROVEMENTS PROGRAM  
STREET IMPROVEMENTS



Project:	22-03-F
Date:	SEPT. 2021
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	Page: 11

## 2022 Neighborhood Drainage Projects

Location	Estimated Cost
<b>Hardscrabble Way/South 56th Street</b> This project will install storm drain/inlets, trench drains and a drainage channel to intercept and redirect runoff. Four houses are experiencing flooding and severe yard flooding/erosion is also occurring. (See page 13)	<b>\$1,200,000</b>
<b>2600 Block of Dallas Street</b> This project will install a storm drain/inlets and trench drains to intercept and redirect runoff. Three houses are experiencing flooding and severe yard flooding. Channel erosion is also occurring. (See page 13)	<b>\$400,000</b>
<b>Total</b>	<b>\$1,600,000</b>



2022 CAPITAL IMPROVEMENTS PROGRAM  
DRAINAGE IMPROVEMENTS



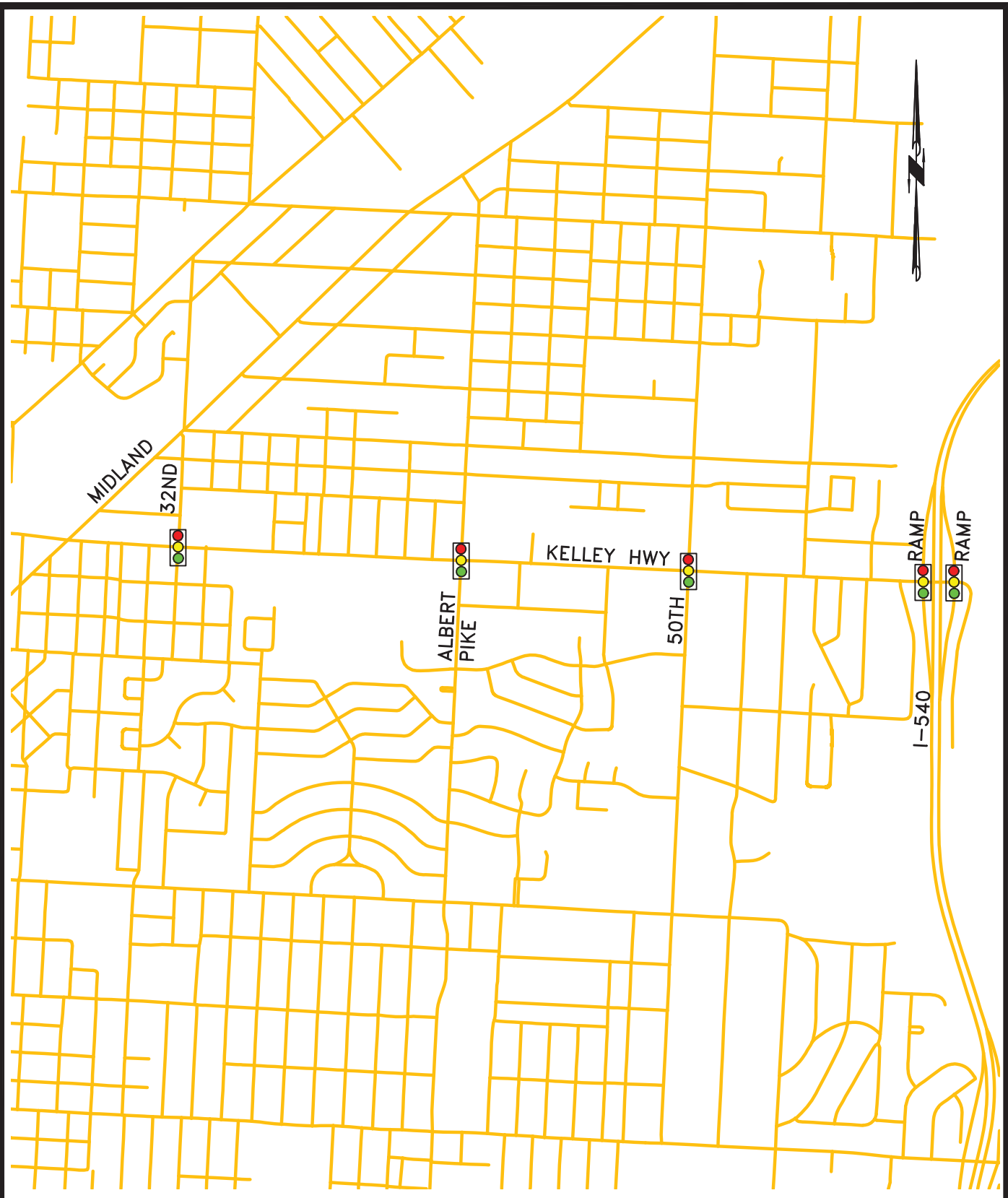
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2022 CAPITAL IMPROVEMENTS PROGRAM  
SIGNAL IMPROVEMENTS



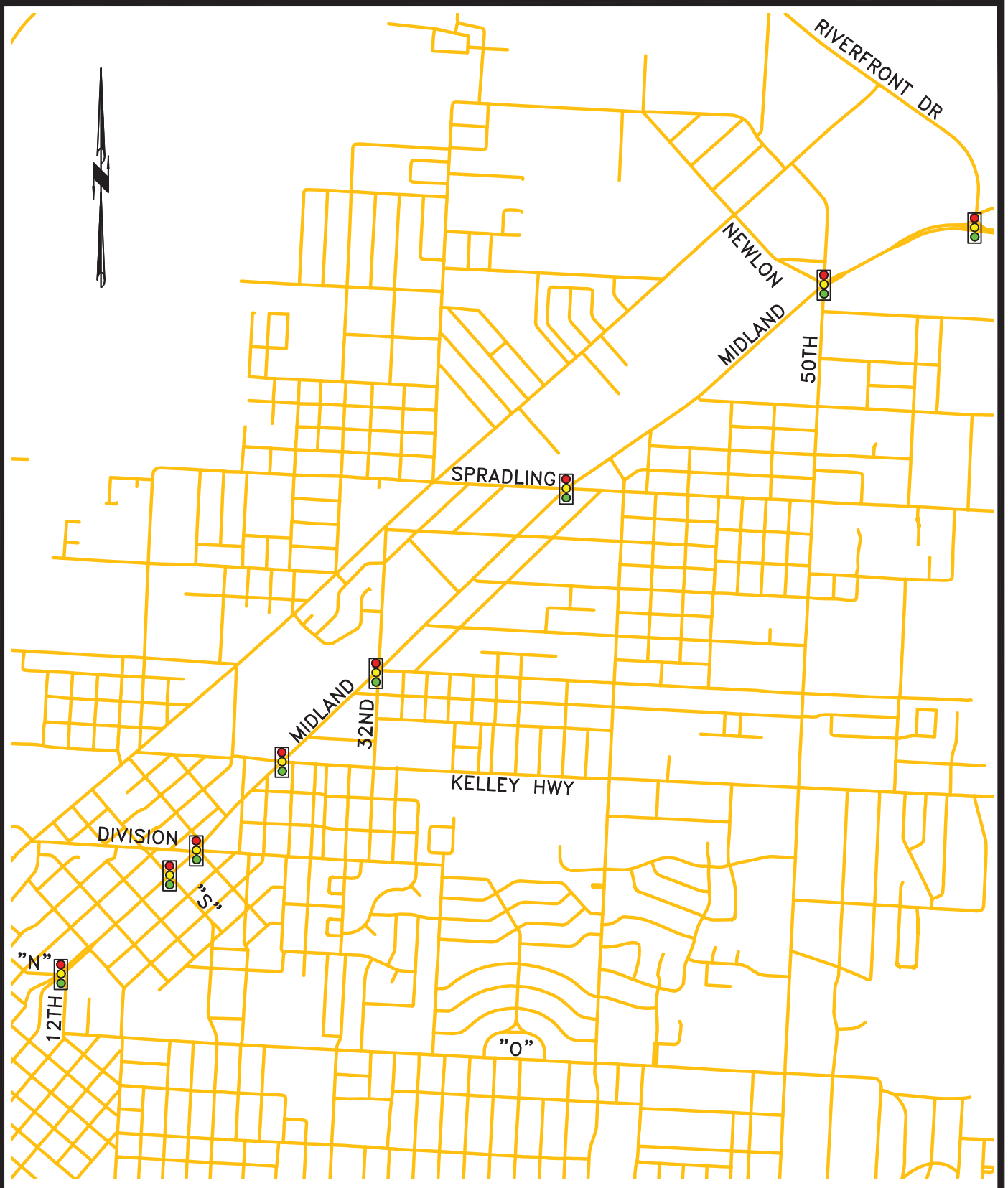
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2022 TRAFFIC SIGNALS IMPROVEMENTS  
KELLEY HIGHWAY STREET CORRIDOR  
TIMING & COORDINATION



Project:	
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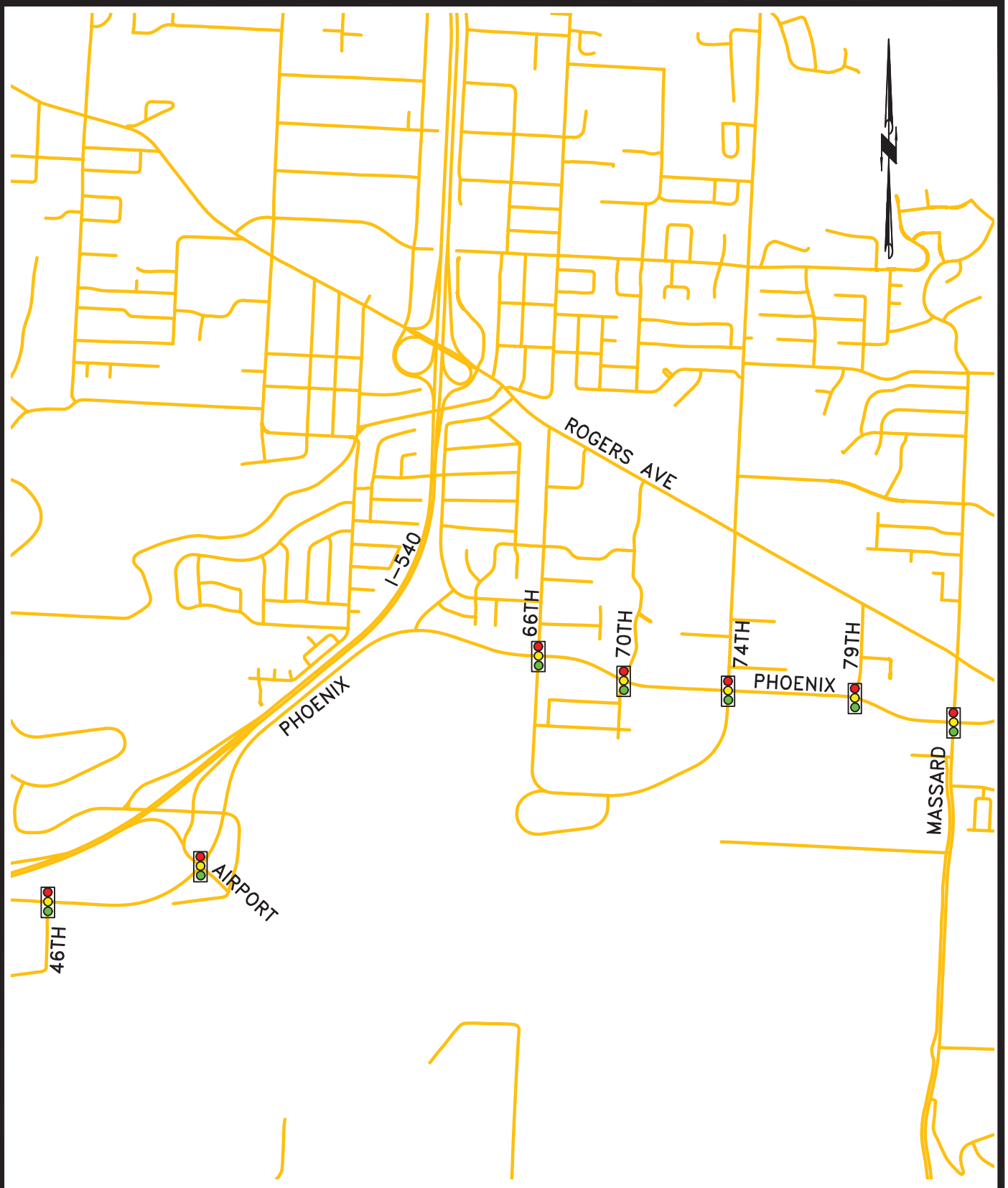


2022 TRAFFIC SIGNALS IMPROVEMENTS  
 MIDLAND BLVD STREET CORRIDOR  
 TIMING & COORDINATION



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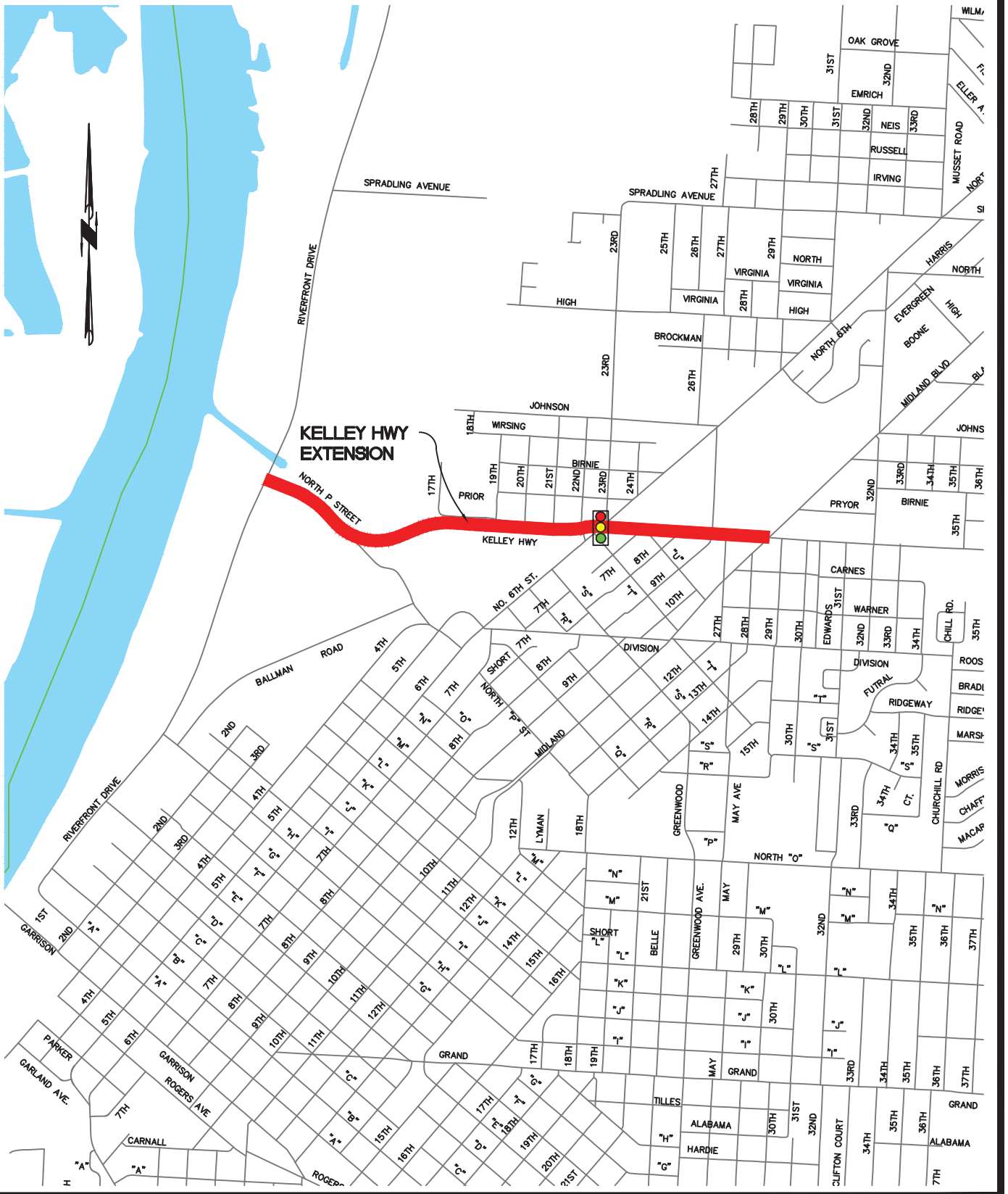


2022 TRAFFIC SIGNALS IMPROVEMENTS  
 PHOENIX AVE. STREET CORRIDOR  
 TIMING & COORDINATION



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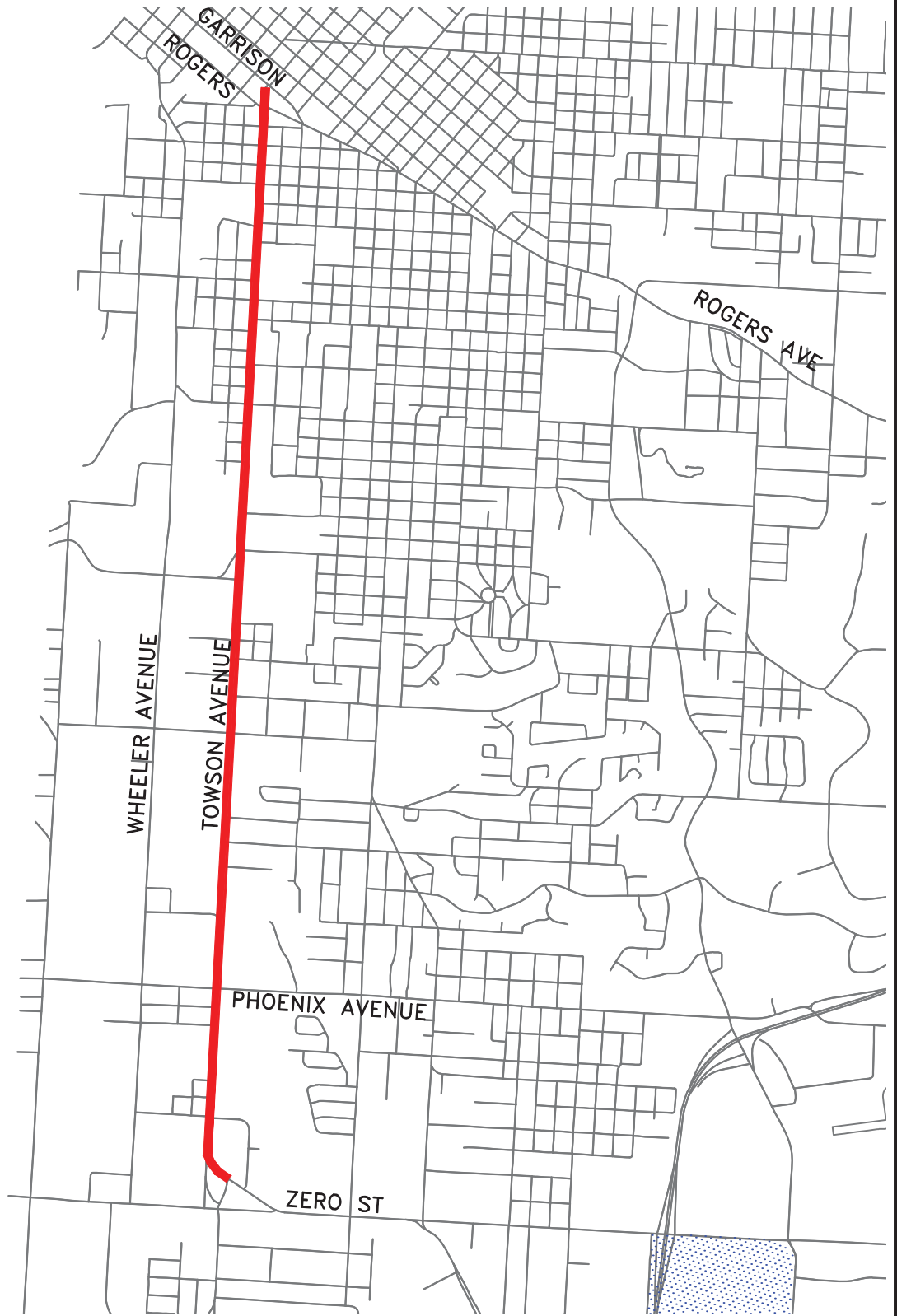
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2022 CAPITAL IMPROVEMENTS PROGRAM  
 KELLEY HWY EXTENSION



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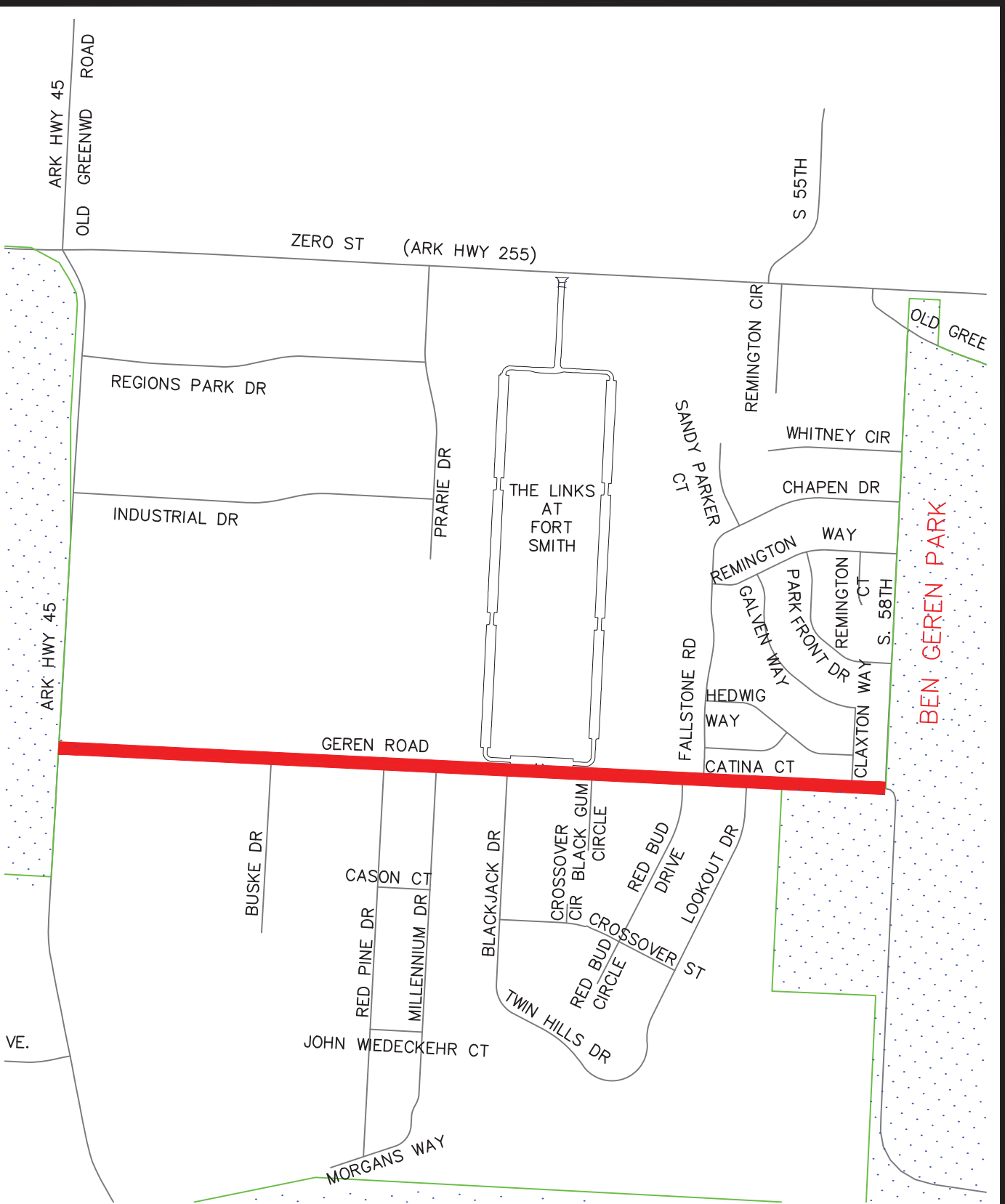


2022 CAPITAL IMPROVEMENTS PROGRAM  
TOWSON AVENUE



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2022 CAPITAL IMPROVEMENTS PROGRAM  
 GEREN RD RECONSTRUCTION



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RIVER BANK STABILIZATION

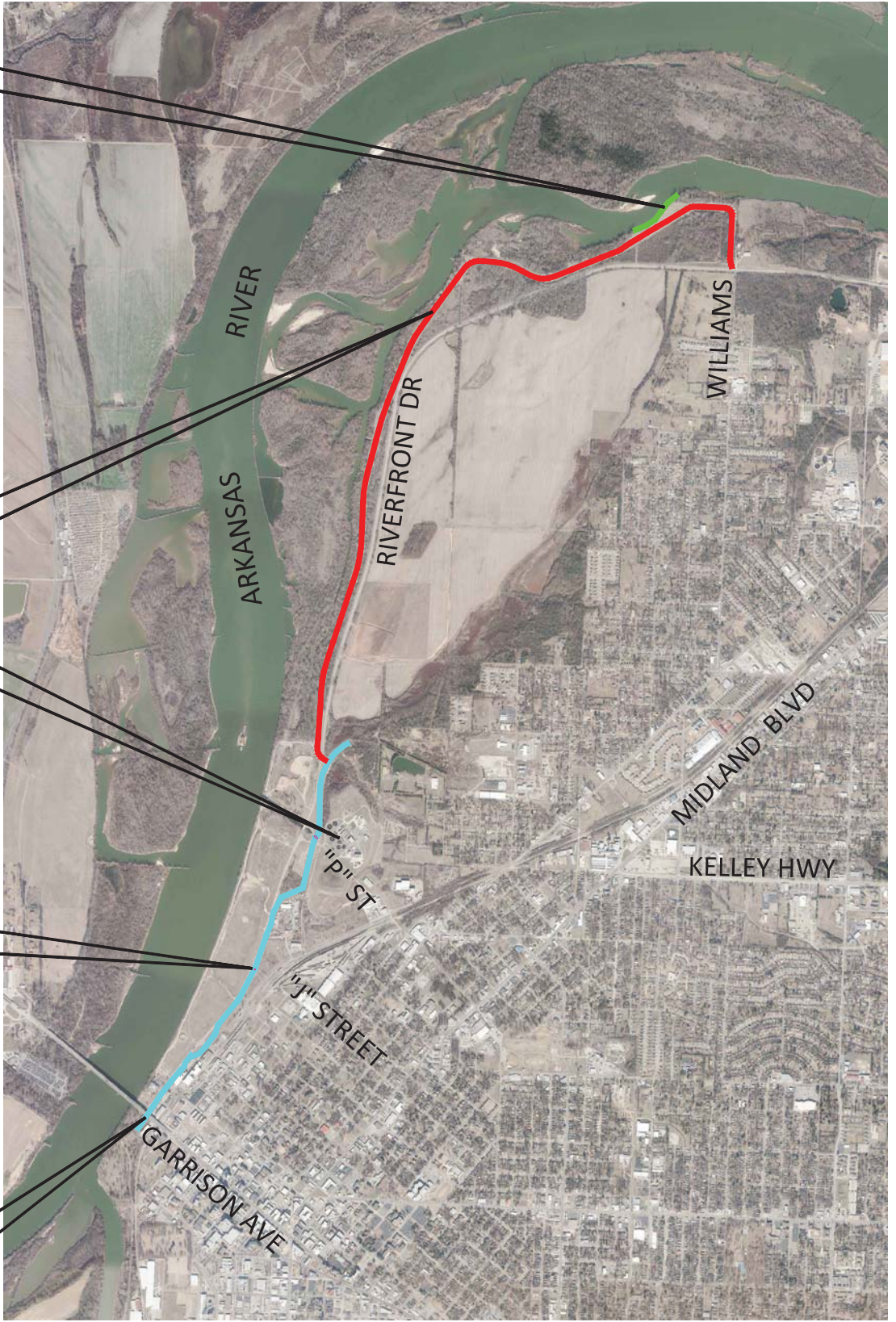


RICE CARDEN LEVEE

"P" STREET PUMP STATION

"J" STREET PUMP STATION

FORT SMITH LEVEE AND FLOODWALL



FORT SMITH  
LEVEE & FLOODWALL SYSTEM  
FORT SMITH, ARKANSAS

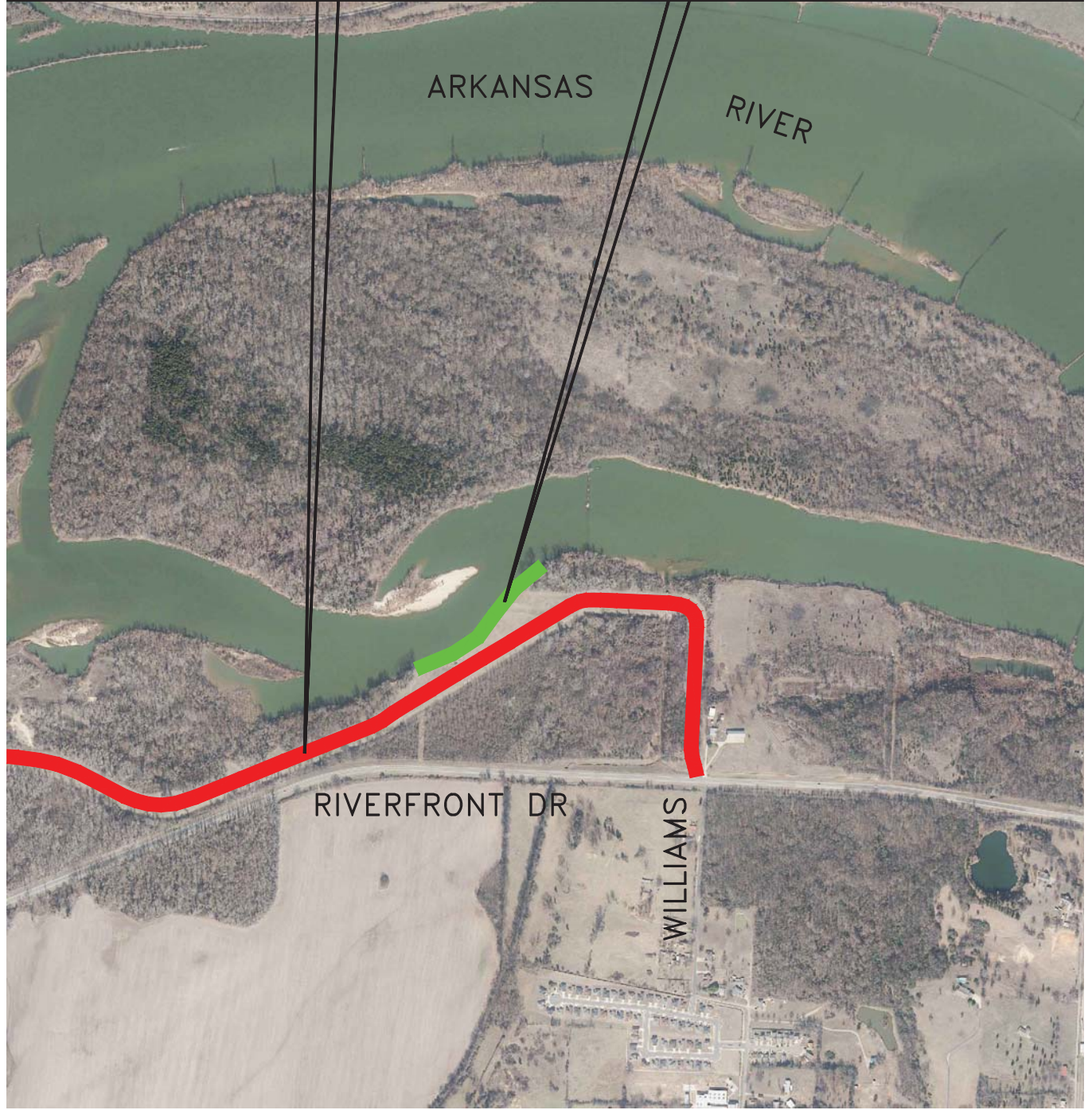


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RICE  
CARDEN  
LEVEE

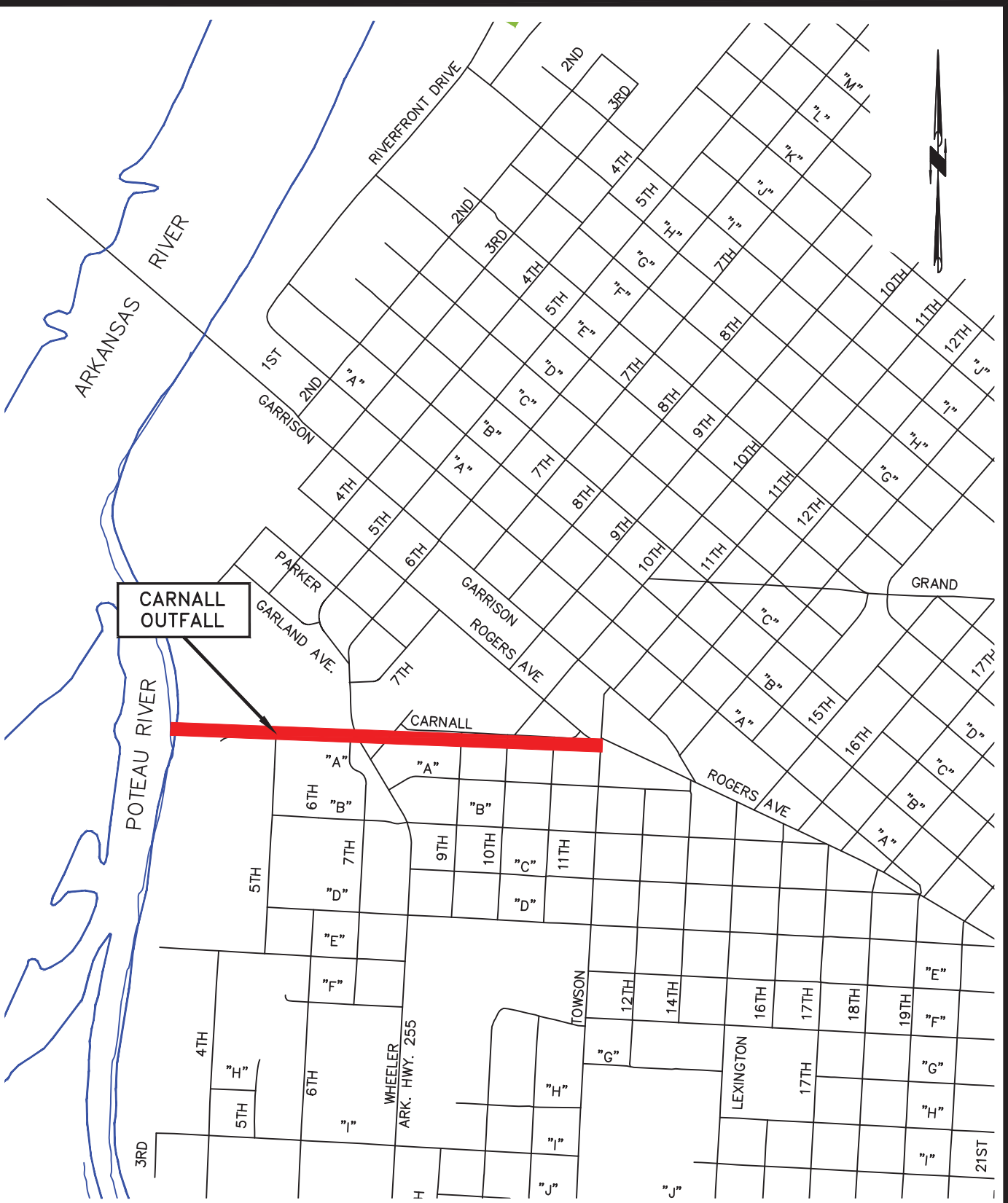
APPROXIMATE AREA  
OF RIVER BANK  
STABILIZATION (1600')



FORT SMITH  
RIVER BANK STABILIZATION  
FORT SMITH, ARKANSAS



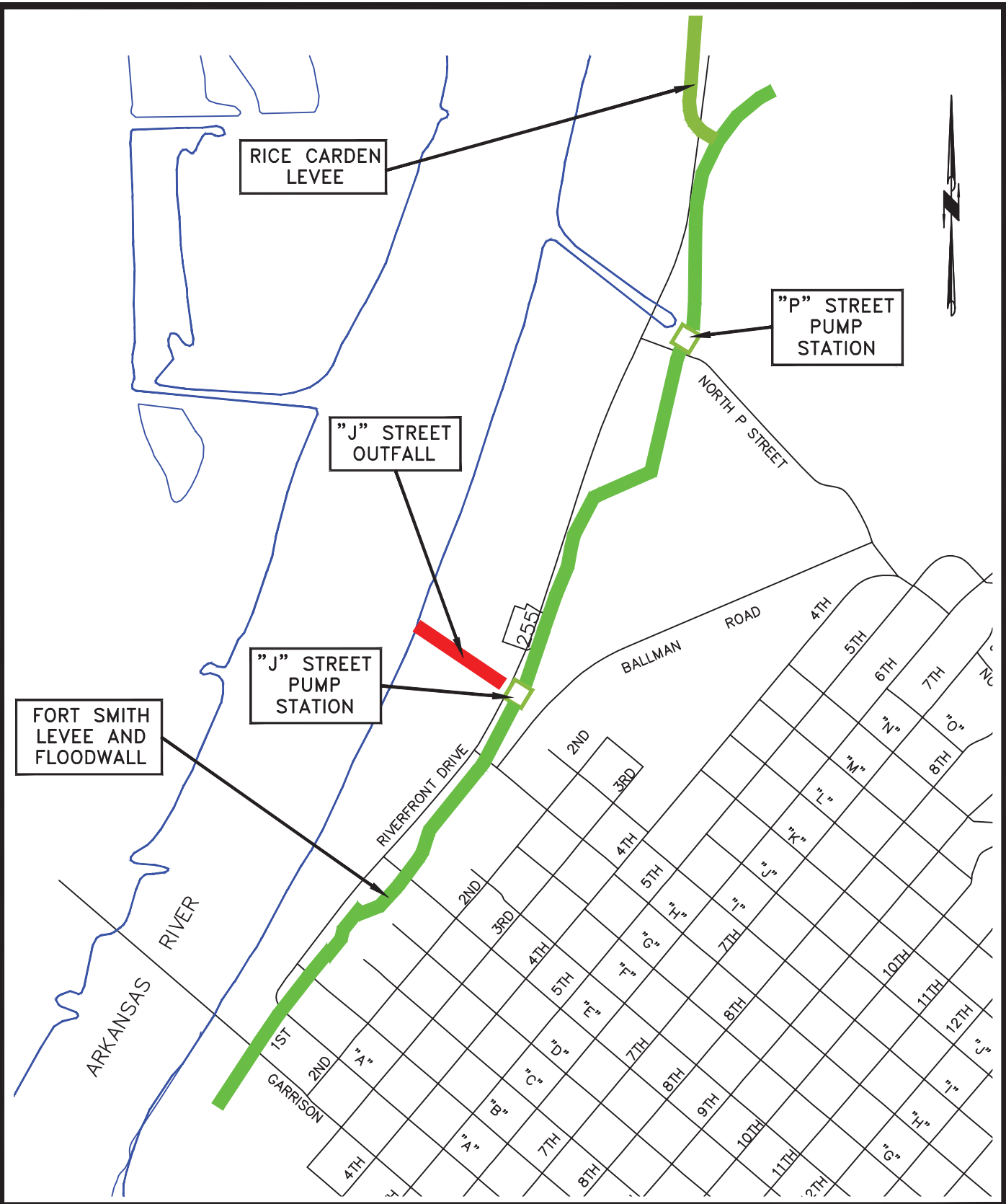
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2022 CAPITAL IMPROVEMENTS PROGRAM  
 CARNALL OUTFALL LINE  
 STORMDRAIN REHABILITATION



Project:	
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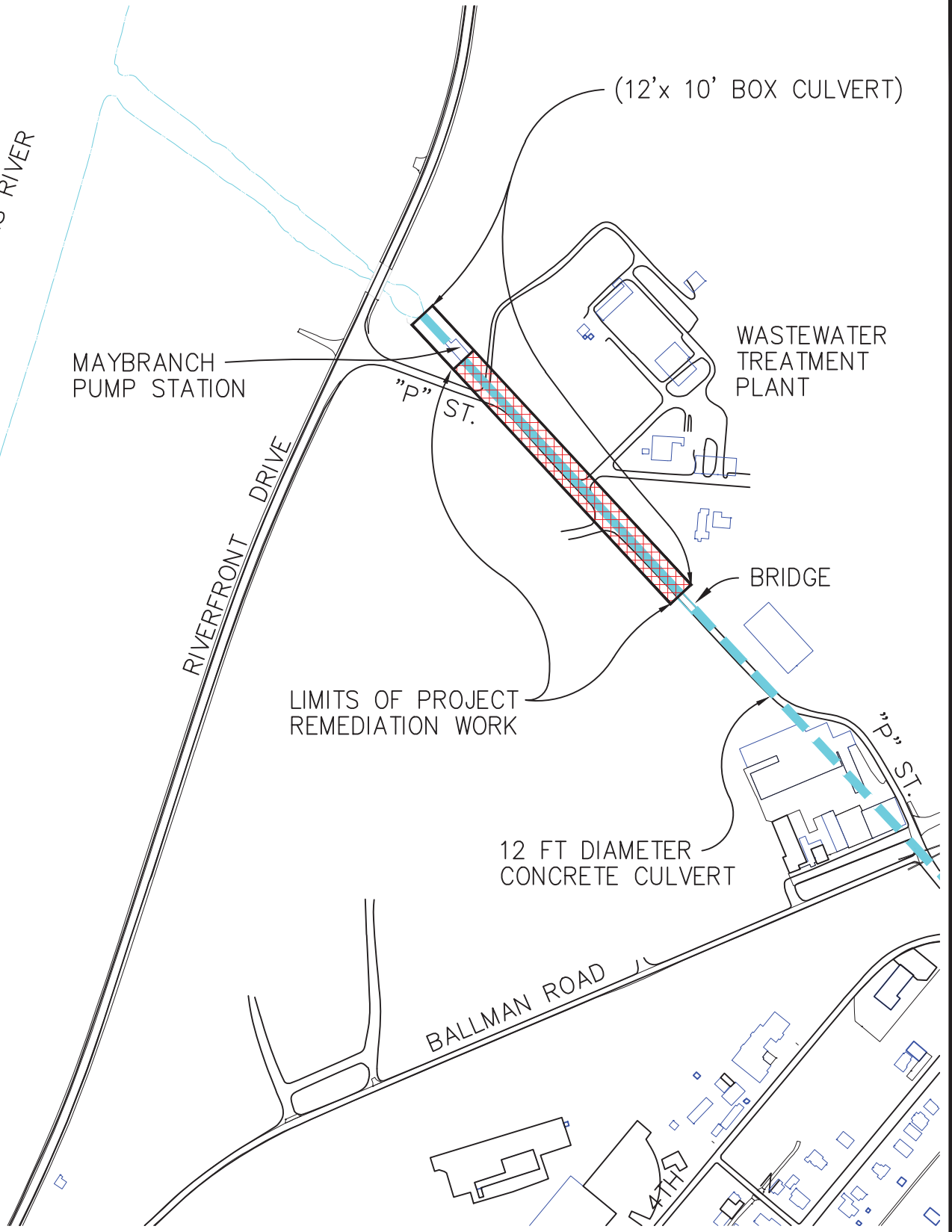
2022 CAPITAL IMPROVEMENTS PROGRAM  
 "J" STREET OUTFALL LINE  
 STORMDRAIN REHABILITATION



Project:		
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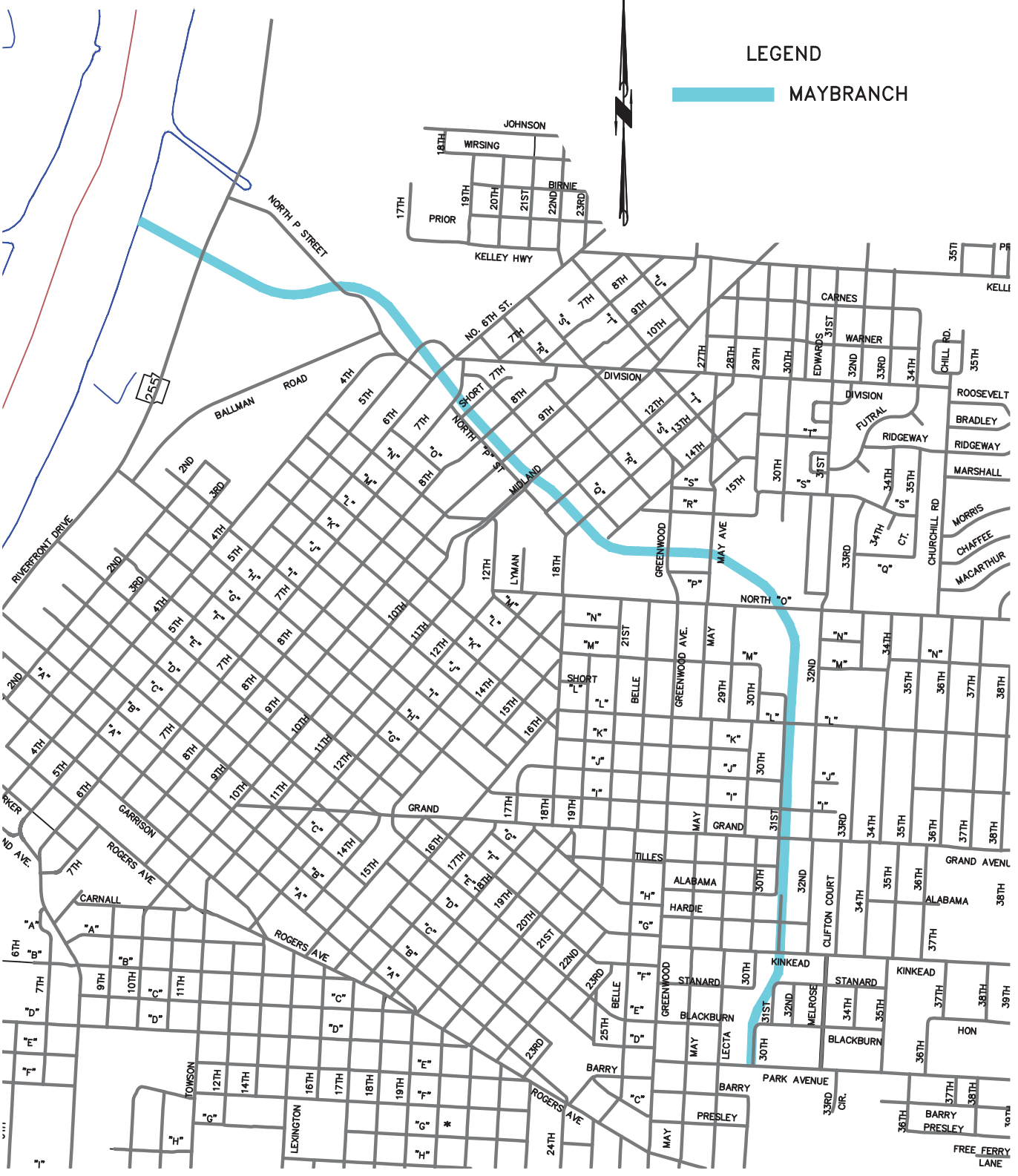
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2022 CAPITAL IMPROVEMENTS PROGRAM  
MAY BRANCH OUTFALL CULVERT REMEDIATION



Project:	
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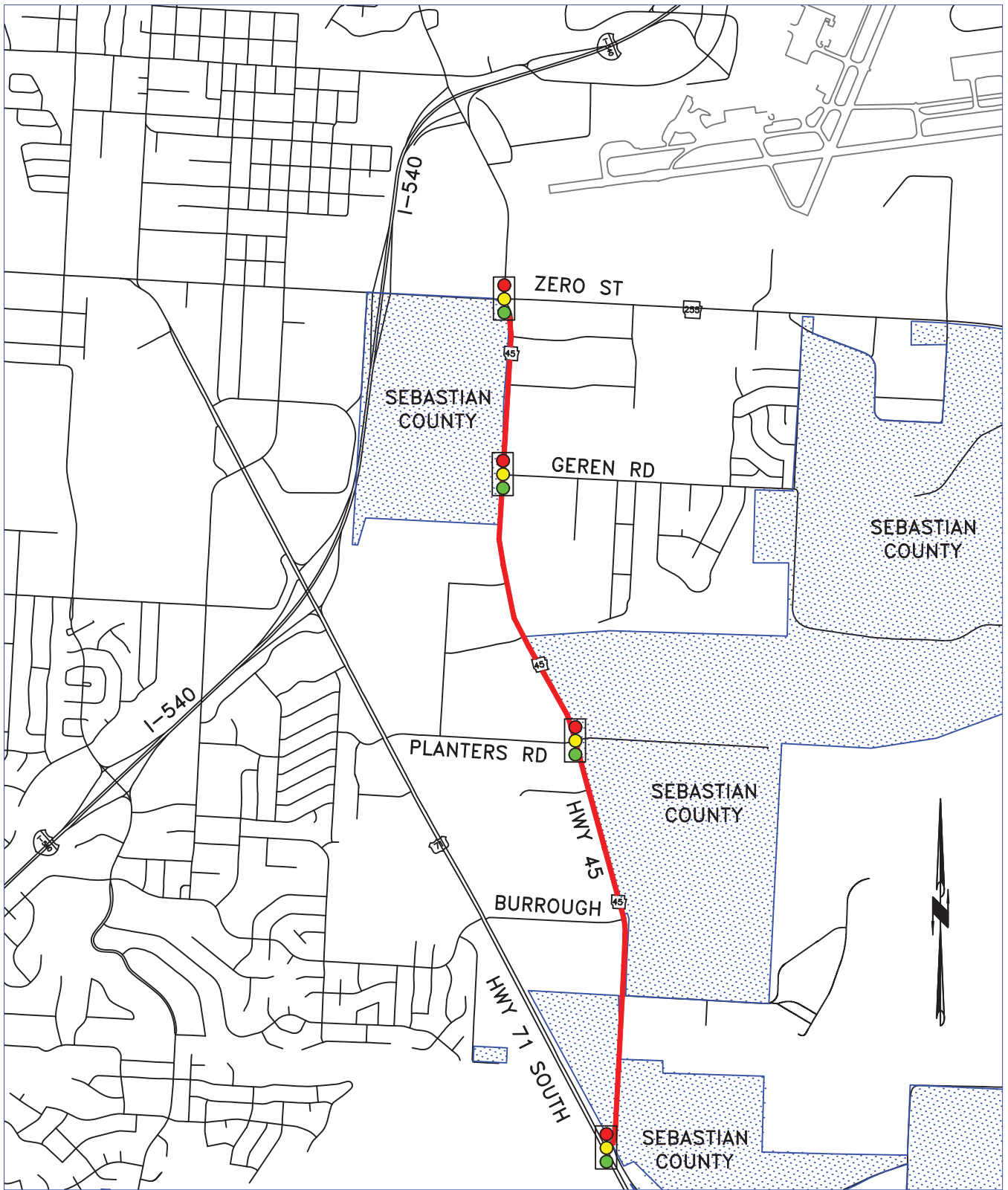
LEGEND

MAYBRANCH

2022 CAPITAL IMPROVEMENTS PROGRAM  
 MAYBRANCH  
 DRAINAGE IMPROVEMENTS



Project:	
Date:	Sept. 2021
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Drawn By:	RBR
	Page: 26



2022 CAPITAL IMPROVEMENTS PROGRAM  
 HWY 45 WIDENING



Project:	
Date:	SEPT 2021
Scale:	NONE
Drawn By:	RBR



2022 CAPITAL IMPROVEMENTS PROGRAM  
LEIGH AVENUE EXTENSION



Project:	
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# LEGEND



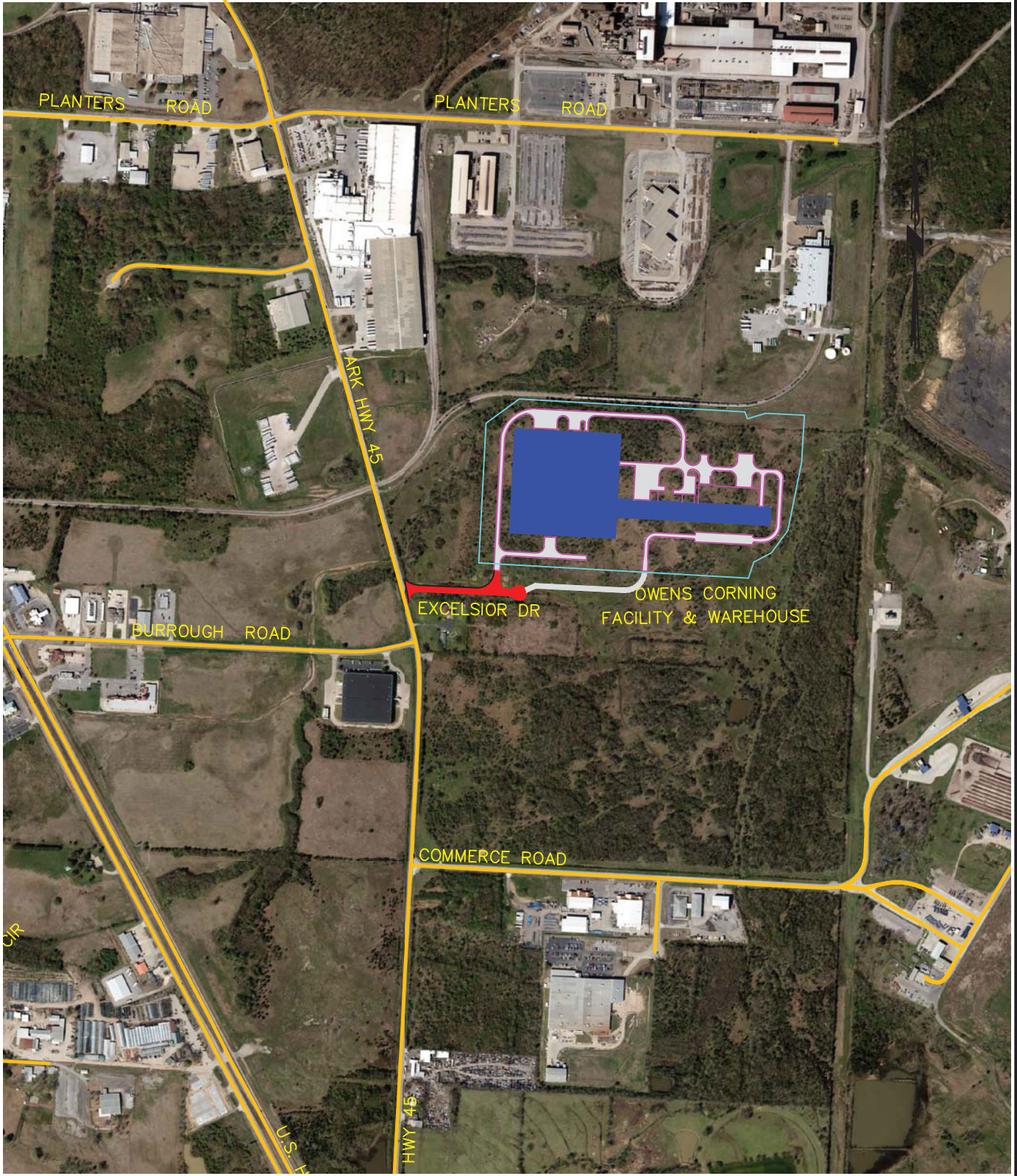
2022 CAPITAL IMPROVEMENTS PROGRAM  
AIRPORT BLVD REALIGNMENT



Project:	
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Page: 29

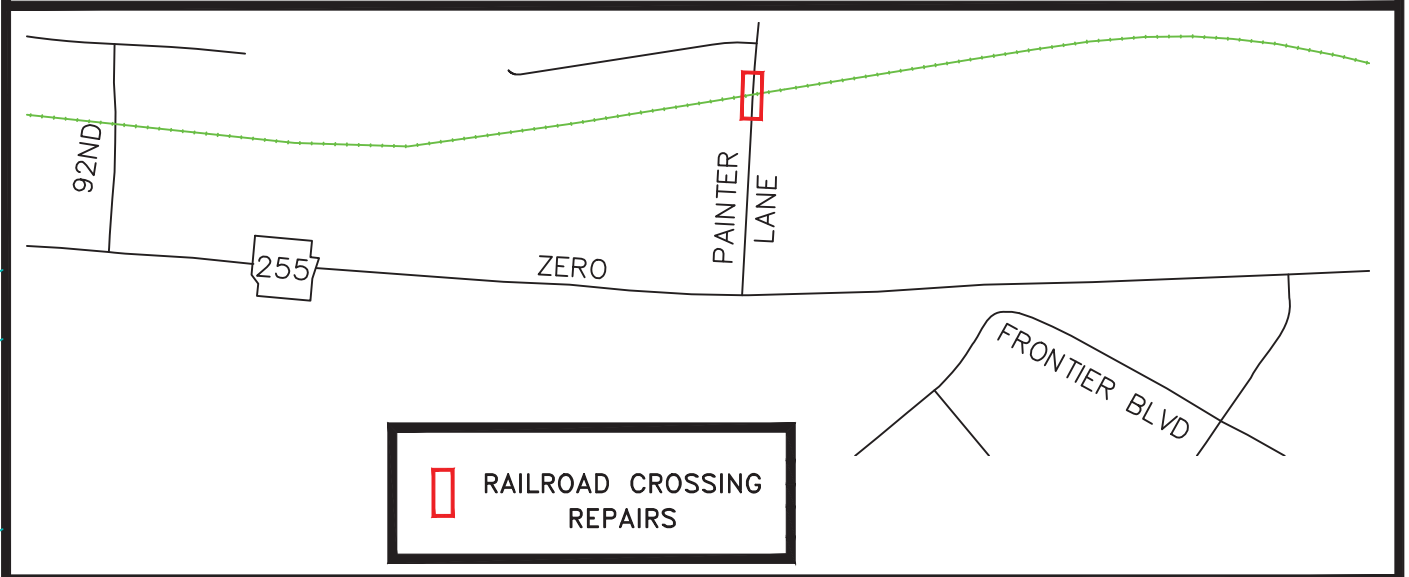
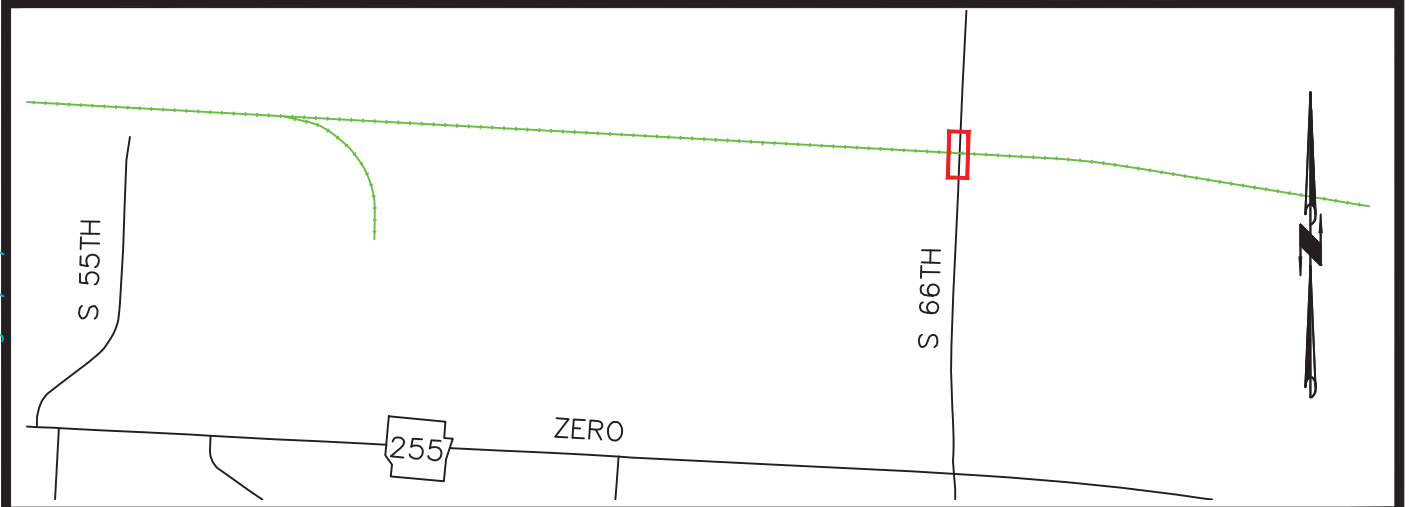
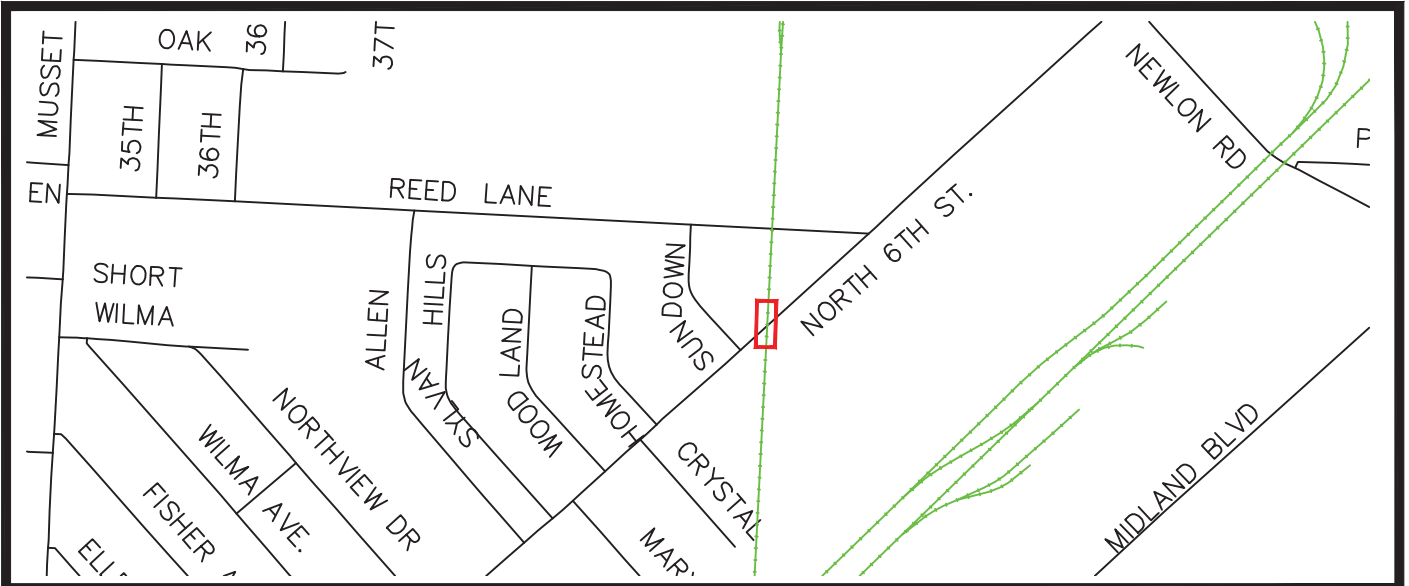
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2022 CAPITAL IMPROVEMENTS PROGRAM  
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Project:	
Date:	SEPT. 2021
Scale:	NONE
Drawn By:	RBR
	Page: 30



 RAILROAD CROSSING REPAIRS

2022 CAPITAL IMPROVEMENTS PROGRAM  
RAILROAD CROSSING IMPROVEMENTS



Project:	
Date:	SEPT 2020
Scale:	NONE
Drawn By:	RBR
	Page: 31