

RESOLUTION NO. R-161-18

**A RESOLUTION APPROVING AND AUTHORIZING
IMPLEMENTATION OF THE FIVE YEAR (2019-2023)
SALES TAX PROGRAM FOR STREETS, BRIDGES
AND ASSOCIATED DRAINAGE IMPROVEMENTS**

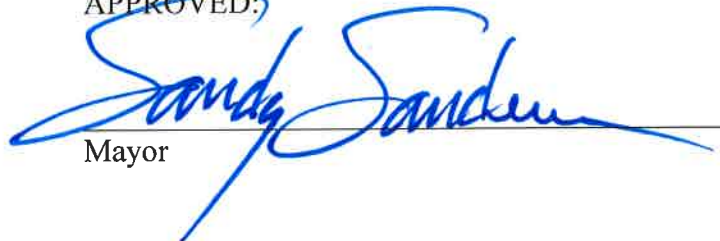
BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH, ARKANSAS THAT:

SECTION 1: The Five Year (2019-2023) 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 2019 Sales Tax Program.


This Resolution adopted this 6 day of November, 2018.

APPROVED:



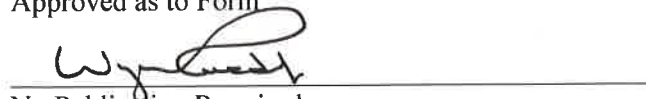
Mayor

ATTEST:



City Clerk, acting

Approved as to Form



No Publication Required
City Attorney

CITY OF FORT SMITH

10/3/18

Five-Year Capital Improvement Program for Streets, Bridges and Drainage (2019-2023)

	2018	2019	2020	2021	2022	2023
Beginning Balance	30,067,254	32,011,461	23,752,944	12,695,335	10,249,466	2,375,231
Current Year Revenues						
Sales Tax	21,606,453	21,822,518	22,040,743	22,261,150	22,483,762	22,708,599
Grants/Other Participation	443,802	0	0	0	0	0
Interest	153,703	139,063	90,893	57,219	31,483	8,860
Total - Current Year Revenues	22,203,958	21,961,581	22,131,636	22,318,369	22,515,245	22,717,459
Total Funds Available	52,271,212	53,973,042	45,884,580	35,013,704	32,764,711	25,092,691
1 Street Overlays & Reconstruction	7,265,977	6,414,832	10,000,000	10,000,000	10,000,000	10,000,000
2 Neighborhood Drainage Improvements	5,679,473	7,995,766	4,000,000	4,000,000	4,000,000	4,000,000
3 Downtown Traffic and Truck Route Study	25,000	75,000	300,000	1,400,000	0	0
4 Intersection and Signal Improvements	479,207	2,710,000	440,000	440,000	440,000	440,000
5 Kelley Highway Extension to Riverfront Drive	150,000	500,000	600,000	2,000,000	9,000,000	2,500,000
6 Jenny Lind Road - Zero to Cavanaugh	2,601,061	0	0	0	0	0
7 Geren Road Reconstruction	245,500	3,300,000	3,000,000	0	0	0
8 Zero Street (Hwy 255) Widening	0	450,000	4,350,000	0	0	0
9 FCRA Development	300,000	3,700,000	500,000	500,000	500,000	500,000
10 May Branch / Town Branch Drainage Project	30,000	500,000	3,000,000	3,000,000	3,000,000	3,000,000
11 Hwy 45 widening - Zero St to Hwy 71	0	400,000	3,600,000	0	0	0
12 Railroad Crossing Panels	375,000	225,000	225,000	225,000	225,000	225,000
13 Traffic Studies	5,000	25,000	25,000	25,000	25,000	25,000
14 Asphalt Surface Treatments	40,000	750,000	0	0	0	0
15 Street/Drainage by Street Operations Dept.	350,000	350,000	350,000	350,000	350,000	350,000
16 Contingency	263,534	350,000	300,000	300,000	300,000	300,000
Subtotal Expenditures	17,809,751	27,745,598	30,690,000	22,240,000	27,840,000	21,340,000
17 Indirect and Operating Costs	2,450,000	2,474,500	2,499,245	2,524,237	2,549,480	2,574,975
Total Expenditures	20,259,751	30,220,098	33,189,245	24,764,237	30,389,480	23,914,975
Ending Balance	32,011,461	23,752,944	12,695,335	10,249,466	2,375,231	1,177,716

Grants/Other Participation

FCRA	443,802	0	0	0	0	0
TOTAL	443,802	0	0	0	0	0

**Five Year Capital Improvement Program (2019-2023)
Streets, Bridges and Drainage Sales Tax Funds**

**Descriptions of Selected Projects
September 28, 2018**

1. Street Overlays and Reconstruction. The total length of streets proposed to be improved is approximately 8.7 miles as shown on the attached list and exhibits. The estimated cost for the 2019 street overlays and reconstruction projects totals \$10.1 million, with an estimated \$1.1 mil expended in 2019 and \$9.0 mil expended in 2020. The total cost shown in 2019 is \$6.3 million which includes \$5.3 million in remaining construction for the 2018 projects. (See pages 4-13)

2. Neighborhood Drainage Improvements. The 2019 drainage program includes the replacement of the Jenny Lind Road bridge over the upper crossing of Mill Creek just north of I-540. This work also includes resurfacing of Jenny Lind Road between Harvard Drive and Market Trace. The total estimated cost for this work is \$1,750,000, with an estimated \$50,000 expended in 2019 and \$1.7 mil expended in 2020. The total cost shown in 2019 is \$8.0 million which includes remaining work for ongoing drainage projects. (See page 14)

3. Downtown Traffic and Truck Route Study. This project is based on the recommendations from the Propelling Downtown Forward Plan to study traffic in the downtown area and evaluate alternatives to mitigate the truck traffic. This study will also include a traffic evaluation of the recommendations from the Propelling Downtown Forward Plan to implement two-way street conversions (North A, B, 10th and 11th Streets). For budgetary purposes the estimated \$1.7 million cost for the possible modifications to the North A and B Street truck route is shown split between 2020 and 2021. However, the recommendations from this study will be used to determine any future traffic/truck route improvements in the downtown area.

4. Intersection and Signal Improvements. This project includes replacement of traffic signals at the intersection of Albert Pike Avenue at North O Street and the intersection of Jenny Lind Road at Dodson Avenue at an estimated cost of \$440,000. (See page 15) This item also includes updated traffic signal timing plans for the following corridors: Waldron Road, Rogers Avenue, Hwy 71 South and Zero Street. These corridors include a total of 43 signalized intersections. (See pages 16-20) The total cost shown in 2019 is \$2.7 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 approximately 90% complete. Right of Way acquisition and utility

relocations are scheduled to begin in 2019 with completion in 2020. Construction is scheduled to begin in 2021. (See page 21)

7. Geren Road Reconstruction. This project is for the reconstruction and widening of Geren Road between Highway 45 and 58th Street. Plans are complete and right of way acquisition is ongoing. This project has significant utility adjustments which include a major electric transmission line along the south side, a high pressure gas line along the north side and fiber optic lines throughout the corridor. Relocation of the gas facilities are complete. Relocation of the remaining franchise utilities and the street construction are scheduled to start in 2019 and extend into 2020. (See page 22)

8. Zero Street (Hwy 255) Improvements. This ArDOT project includes the widening and realignment of Zero Street (Hwy 255) from just west of Massard Road to its new alignment with Frontier Road. The project is being cost shared with the ArDOT, the City of Barling, the Fort Chaffee Redevelopment and the City of Fort Smith. The City's share is \$4.8 million. ArDOT expects construction to begin in 2020. (See page 23)

9. FCRA (Fort Chaffee Redevelopment Authority) Development. This work includes construction of two additional lanes on Massard Road, completing approximately 5,600 feet of the four lane boulevard section south of Zero Street. The project also includes the installation of a traffic signal at the intersection of Massard Road and McClure Drive. The construction is estimated to start in early 2019. (See page 23)

10. May Branch / Town Branch Drainage Project. This project is to mitigate flooding along the May Branch and Town Branch drainage basins. The proposed design by the Corps of Engineers (COE) consisted of constructing a drainage channel to replace the existing undersized concrete storm drain pipe. The intent was to construct the most downstream section of the project (from approximately N. 7th 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, the COE indicated that their revised cost estimate for this lower reach is over \$32 million and does not have a benefit to cost ratio greater than one, meaning the COE cannot reimburse any construction costs. The COE also noted that extrapolating this lower reach cost estimate to the overall project cost results in a total revised estimated cost of \$65 million which is more than double the \$30.85 million authorized for the project. We are currently reviewing the costs of purchasing flooding properties in the May Branch basin to allow for possible regional storm water detention basins. The proposed CIP still contains funding for this project in the amount of approximately \$13 million. Once the evaluation is completed it will provide guidance on how to proceed. (See page 24)

11. Highway 45 widening – Hwy 255 to Hwy 71. This ArDOT project is for the widening of Highway 45 between Highway 255 (Zero Street) and Highway 71. The project also includes the installation of a traffic signal at the intersection of Highway 45 and Planters Road. This project is a collaboration between the ArDOT, the City of Fort Smith and Sebastian County. ArDOT's cost estimate for the total project is \$16 million. The City and Sebastian County are providing funding in total amounts not to exceed \$4.0 million and \$1.1 million, respectively. ArDOT estimates the construction to begin in 2020. (See page 25)

12. Railroad Crossing Panels. This project improves street crossings at railroads through the installation of concrete railroad crossing panels. For 2019, improvements at three railroad crossings are proposed on North A Street, just to the east of Riverfront Drive. We expect to cost share with A&M Railroad and Fort Smith Railroad for the replacement of these crossings similar to the crossings that were recently replaced on North B Street. (See page 26)

14. Asphalt Surface Treatments. This project includes various asphalt surface treatments to extend the life of the street surface. It includes treatments such as fog sealing, micro surfacing and scrub seal. The project will be advertised this fall and the work completed in the spring/summer of 2019.

17. 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.

Grants/Other Participation

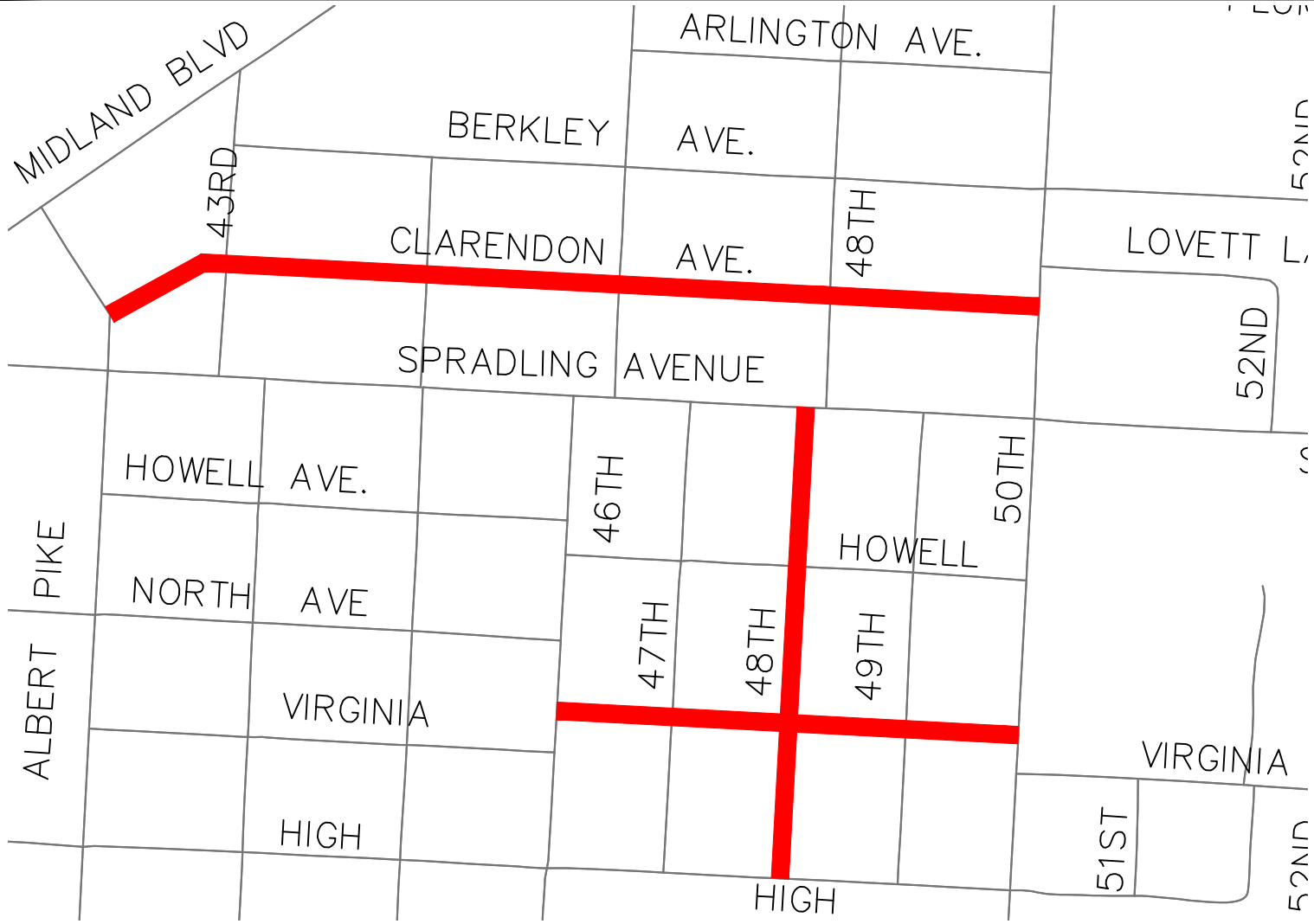
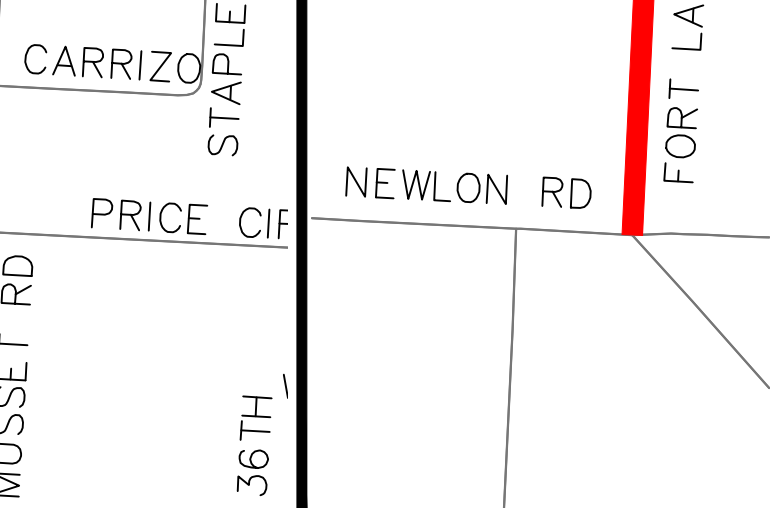
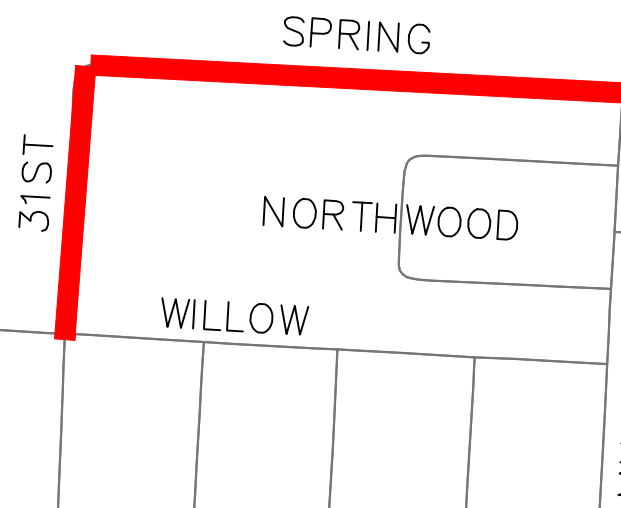
This estimated amount of \$443,802 is reimbursement from the Fort Chaffee Redevelopment Authority (FCRA) for half of the resurfacing costs of Wells Lake Road.

**2019 CAPITAL IMPROVEMENTS PROGRAM
STREET OVERLAY/RECONSTRUCTION PROJECTS**

STREET	FROM	TO	LENGTH	COST
31ST ST.	WILLOW ST.	SPRING ST.	655	\$ 111,350
SPRING ST.	31ST ST.	MUSSETT RD.	1,339	\$ 227,630
FORT LN.	NEWLON RD.	END OF ROAD	1,185	\$ 156,683
CLARENDON AVE.	ALBERT PIKE	50TH ST.	2,720	\$ 565,156
VIRGINIA AVE.	46TH ST.	50TH ST.	1,320	\$ 224,400
N 48TH ST.	SPRADLING AVE.	HIGH ST.	1,375	\$ 259,722
N 6TH ST.	N H ST.	DIVISION ST.	3,670	\$ 970,511
POPLAR ST.	N 50TH ST.	N 55TH ST.	1,680	\$ 269,733
ELM ST.	50TH ST.	55TH ST.	1,680	\$ 317,333
PLUM ST.	50TH ST.	54TH ST.	1,340	\$ 253,111
HIGH ST.	N 23RD ST.	END OF ROAD	1,225	\$ 196,681
SPEAKER ST.	54TH ST.	END OF ROAD	1,270	\$ 179,917
KOLLER ST.	SPEAKER ST.	END OF ROAD	800	\$ 181,333
N 62ND ST.	KELLEY HWY	FIRST WM ENTRANCE	810	\$ 382,500
BOSTON ST.	TOWSON AVE.	JENNY LIND RD.	2,660	\$ 502,444
BLUFF AVE.	DALLAS ST.	BOSTON ST.	675	\$ 133,875
ATLANTA ST.	21ST ST.	BOSTON ST.	481	\$ 122,655
48TH CT.	SOUTH U ST.	END OF ROAD	160	\$ 37,778
WALDRON RD.	COUNTRY CLUB AVE.	SOUTH U ST.	1,900	\$ 597,550
COUNTRY CLUB AVE.	WALDRON RD.	CLIFF DR.	1,390	\$ 288,811
LUCY LN.	END OF ROAD	GARY ST.	425	\$ 108,375
RALEIGH ST.	16TH TER.	18TH TER.	481	\$ 122,655
18TH TER.	SAVANNAH DR.	QUINCY ST.	633	\$ 161,415
QUINCY ST.	16TH TER.	18TH TER.	389	\$ 99,195
16TH TER.	RALEIGH ST.	QUINCY ST.	399	\$ 101,745
SOUTH HILLSIDE DR.	7TH ST.	TEXAS RD.	1,992	\$ 428,944
NORTH HILLSIDE DR.	7TH ST.	HWY 271	1,920	\$ 413,440
7TH ST.	SOUTH HILLSIDE DR.	NORTH HILLSIDE DR.	380	\$ 81,827
8TH ST.	SOUTH HILLSIDE DR.	NORTH HILLSIDE DR.	698	\$ 118,660
9TH ST.	SOUTH HILLSIDE DR.	NORTH HILLSIDE DR.	617	\$ 104,890
10TH ST.	SOUTH HILLSIDE DR.	NORTH HILLSIDE DR.	503	\$ 85,510
SOUTHVIEW DR.	OLD GREENWOOD RD	S 35 DR.	1,890	\$ 464,100
INGERSOLL CR.	END OF ROAD	US HWY 71	695	\$ 223,172
92ND ST.	ROSEWOOD DR.	MOODY RD.	946	\$ 241,230
TIMBERLYN WAY	90TH ST.	92ND ST.	893	\$ 227,715
SKY PARK DR.	ROSEWOOD DR.	90TH ST.	1,615	\$ 411,825
93RD CR.	URBAN VIEW DR.	END OF ROAD	495	\$ 126,225
ROSEWOOD CR.	ROSEWOOD DR.	END OF ROAD	405	\$ 103,275
URBAN VIEW DR.	ROSEWOOD DR.	90TH ST.	601	\$ 153,255
ERIN OAKS	ERIN OAKS CT.	BRYN MAWR CR.	492	\$ 125,460
ERIN OAKS CT.	END OF ROAD	END OF ROAD	395	\$ 100,725
RYE HILL RD. SOUTH	HOWARD HILL RD.	600' NORTH	600	\$ 141,667

TOTAL LENGTH (FT) 45,799
TOTAL LENGTH (MILES) 8.67

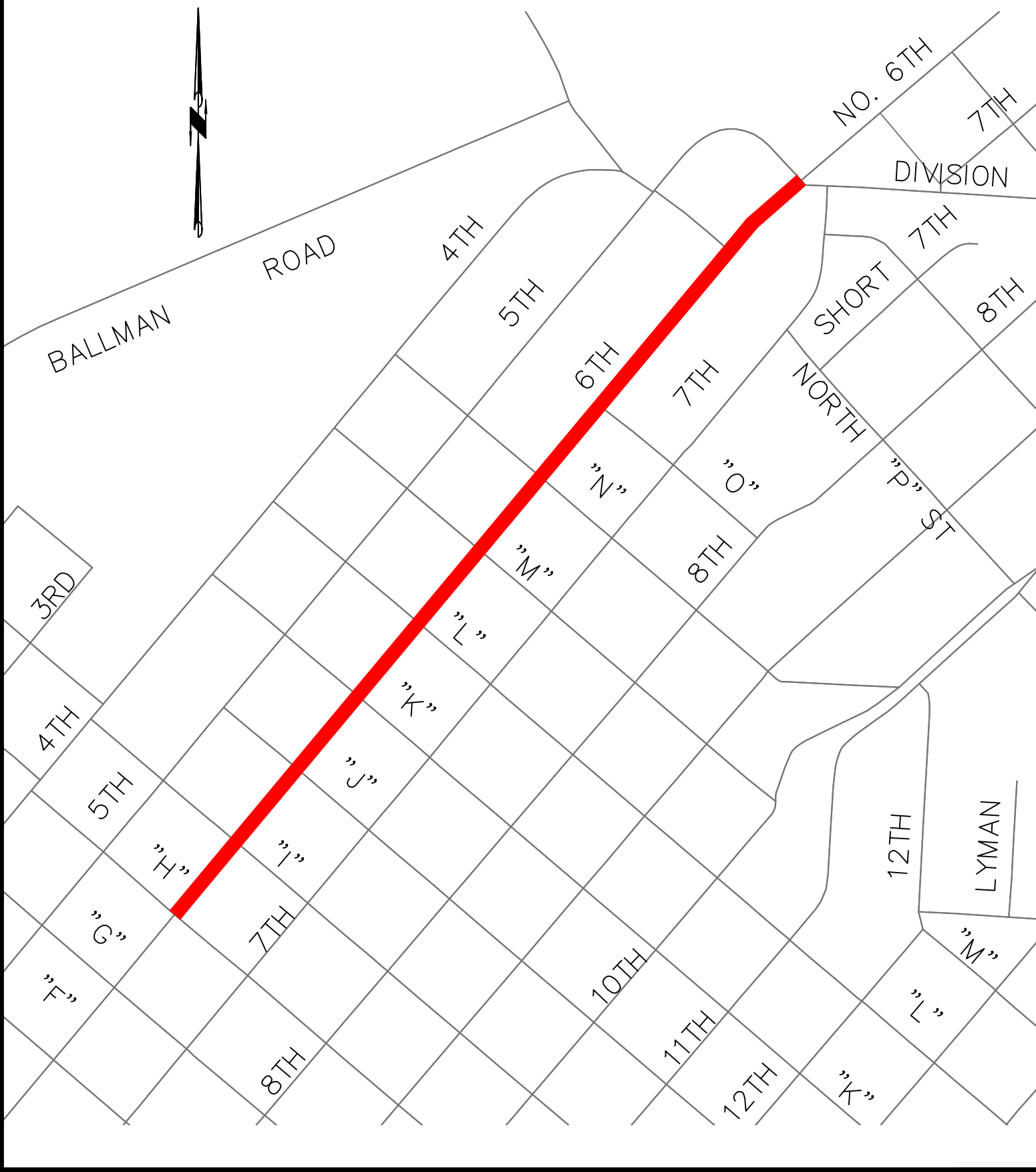
TOTAL FOR 2019 STREET OVERLAYS/RECONSTRUCTION PROGRAM \$ 10,124,478



2019 CAPITAL IMPROVEMENTS PROGRAM
 STREET OVERLAYS
 FORT SMITH, ARKANSAS



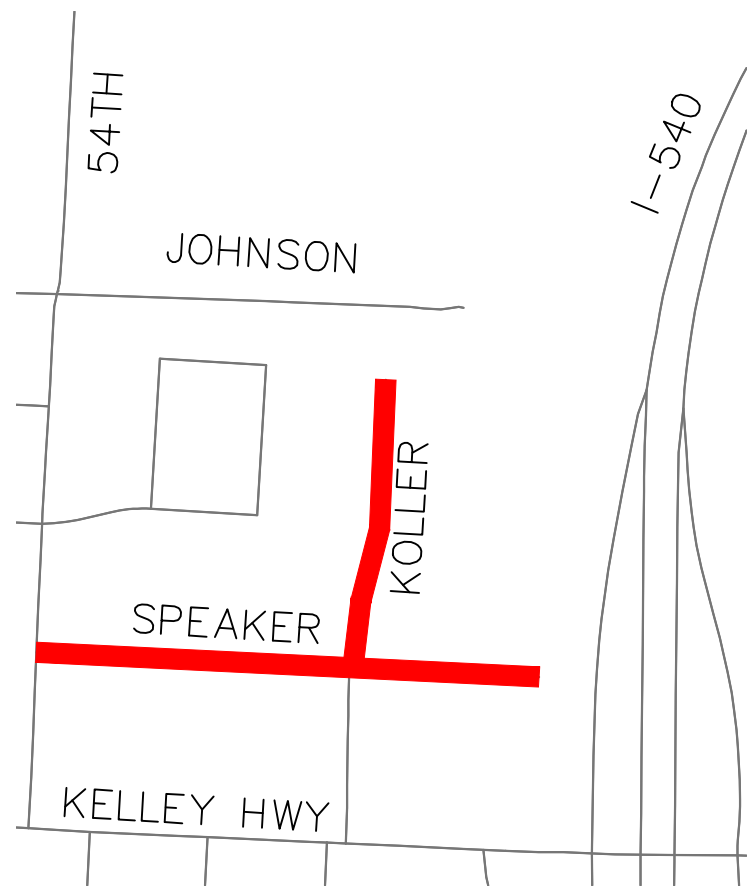
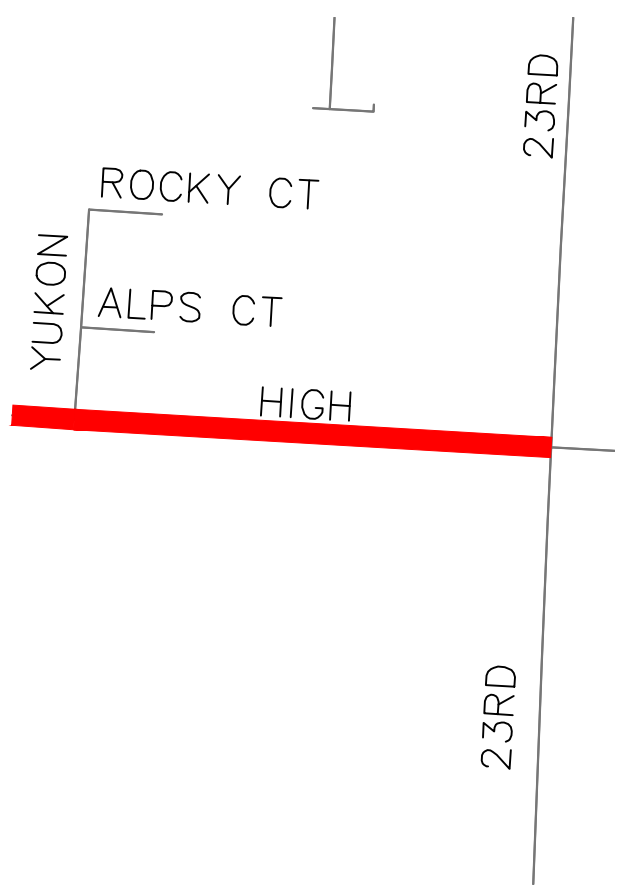
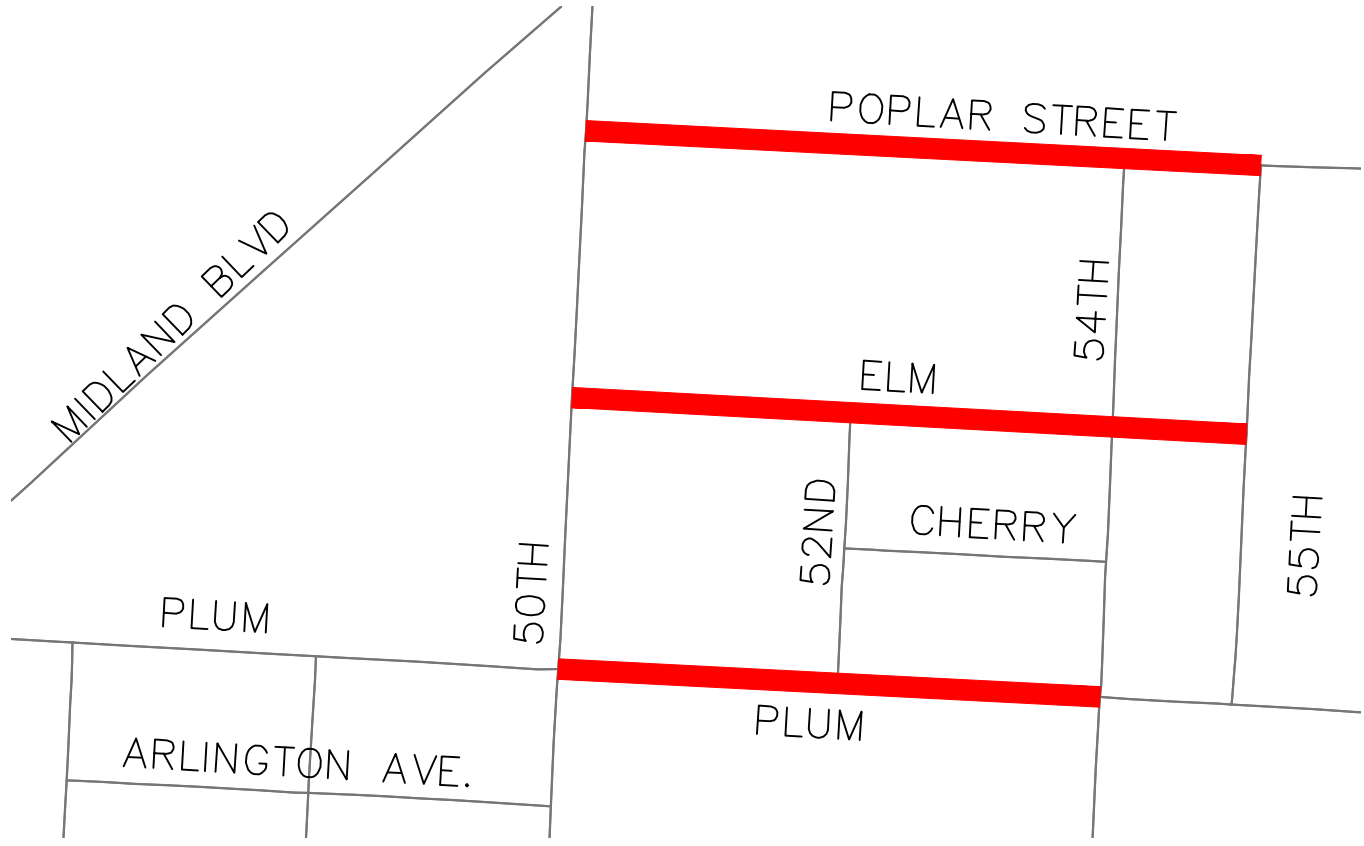
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2019 CAPITAL IMPROVEMENTS PROGRAM
 STREET OVERLAYS
 FORT SMITH, ARKANSAS



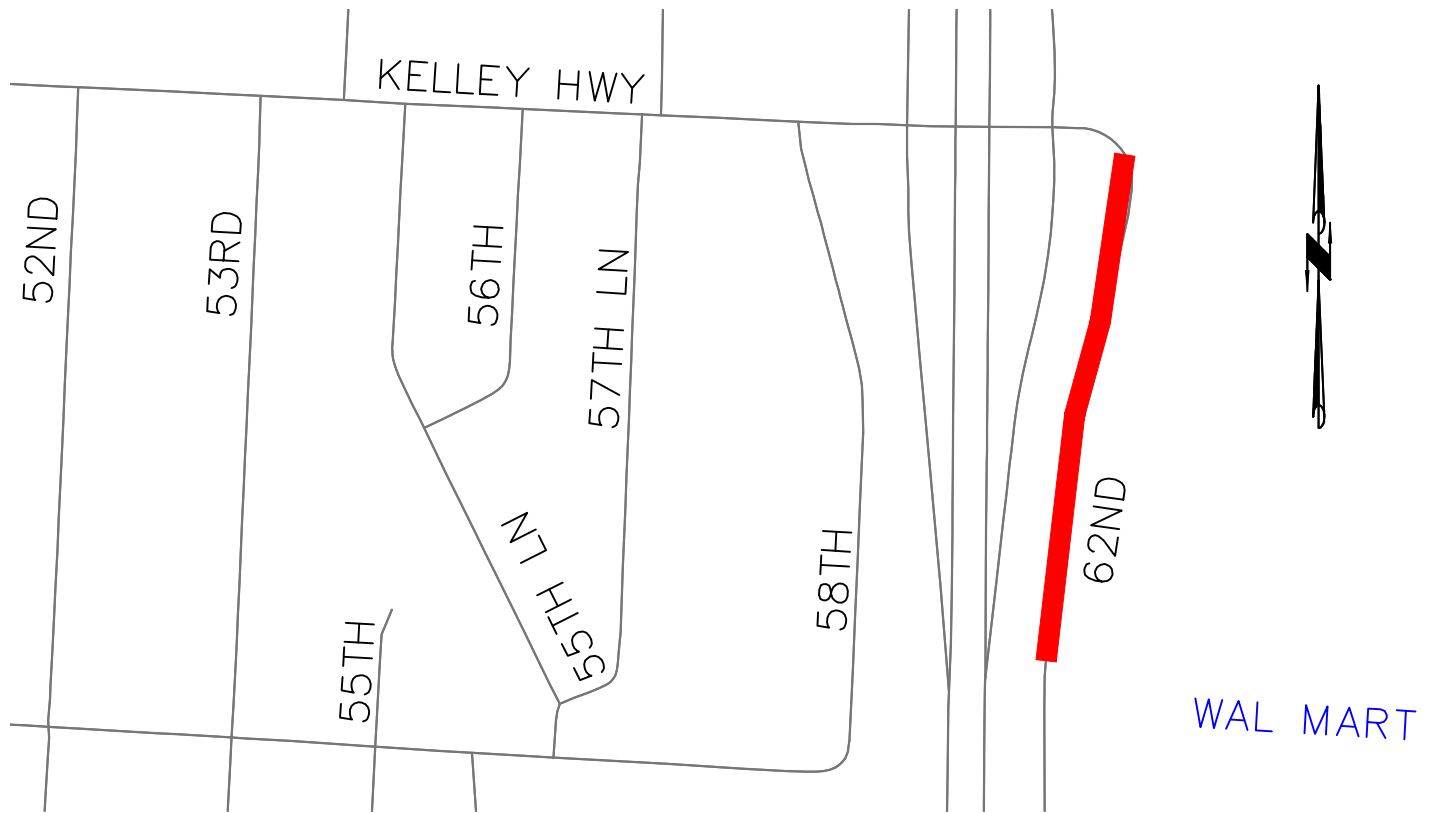
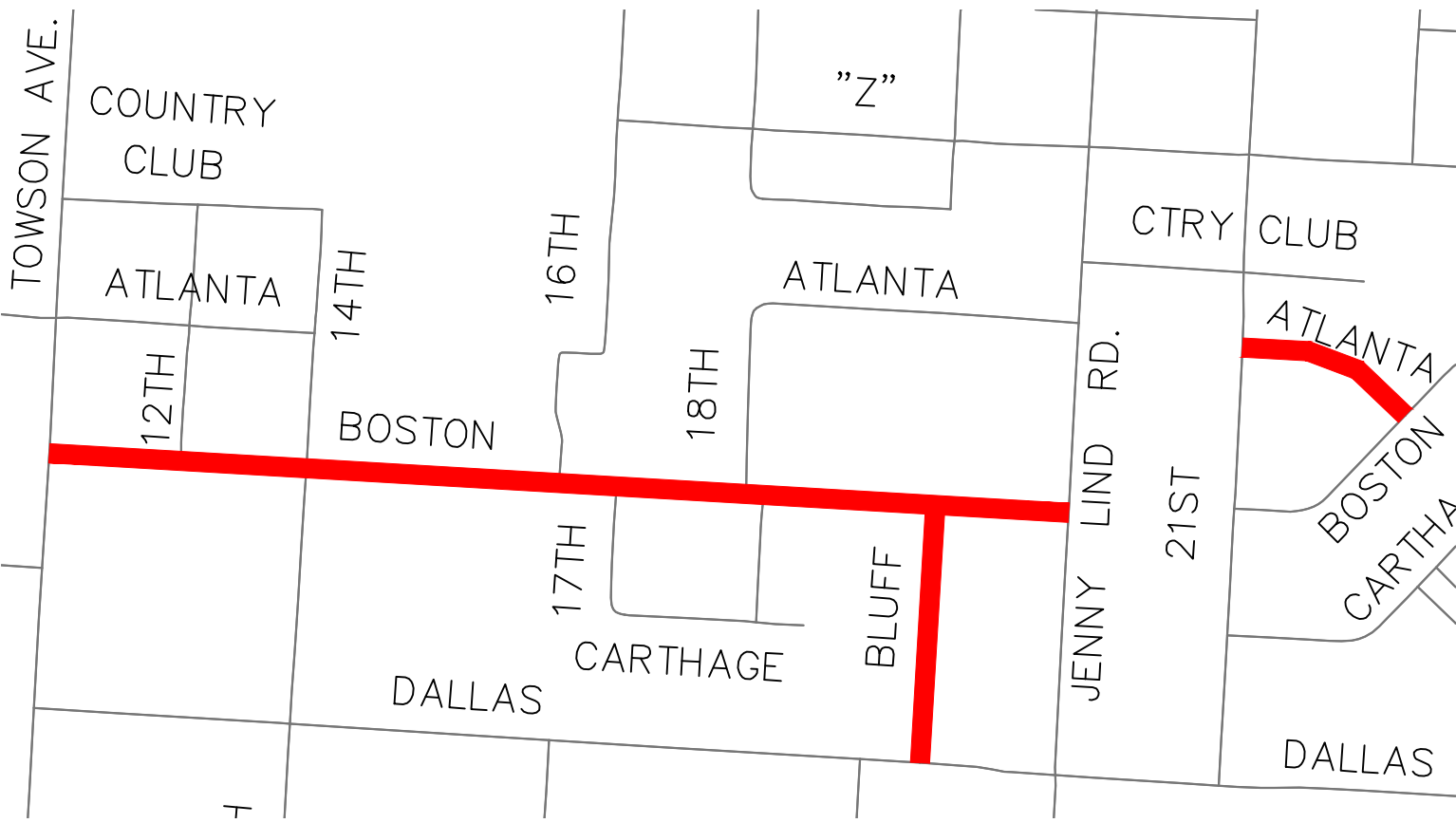
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2019 CAPITAL IMPROVEMENTS PROGRAM
 STREET OVERLAYS
 FORT SMITH, ARKANSAS



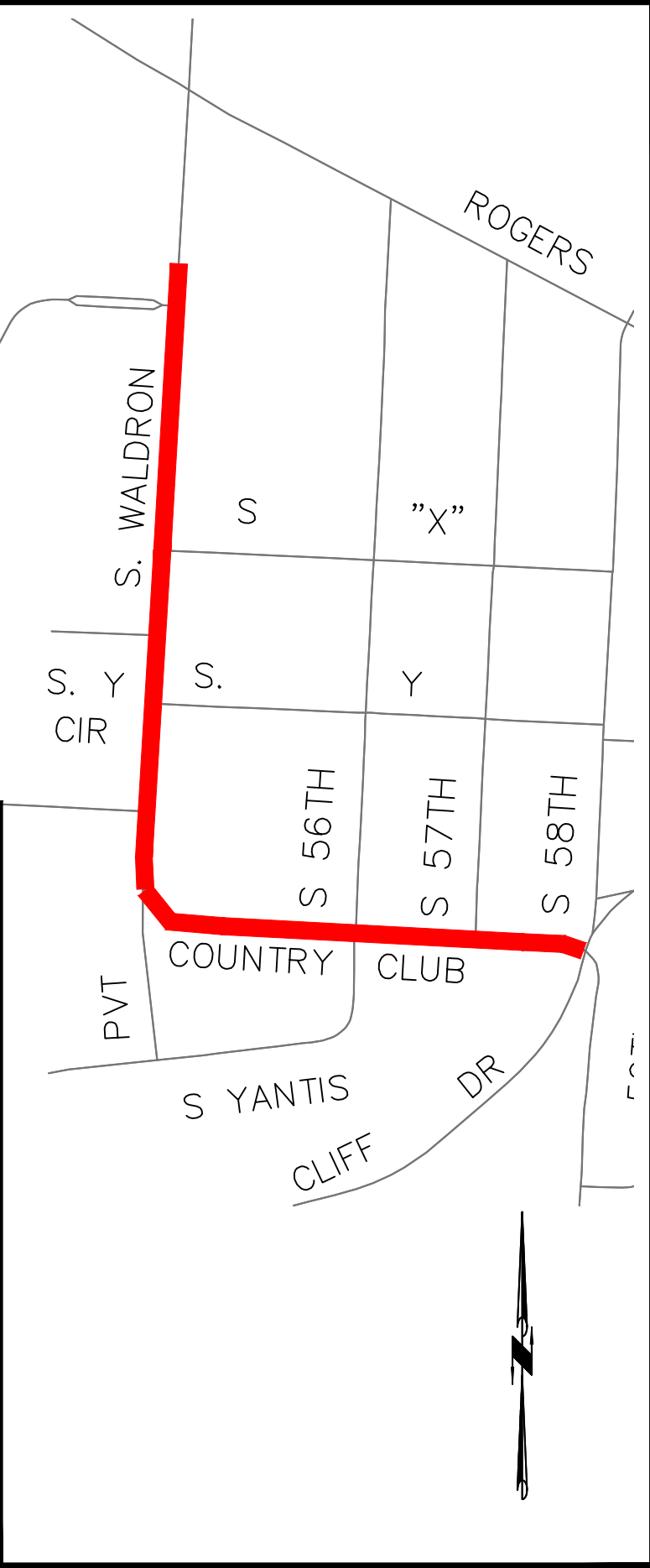
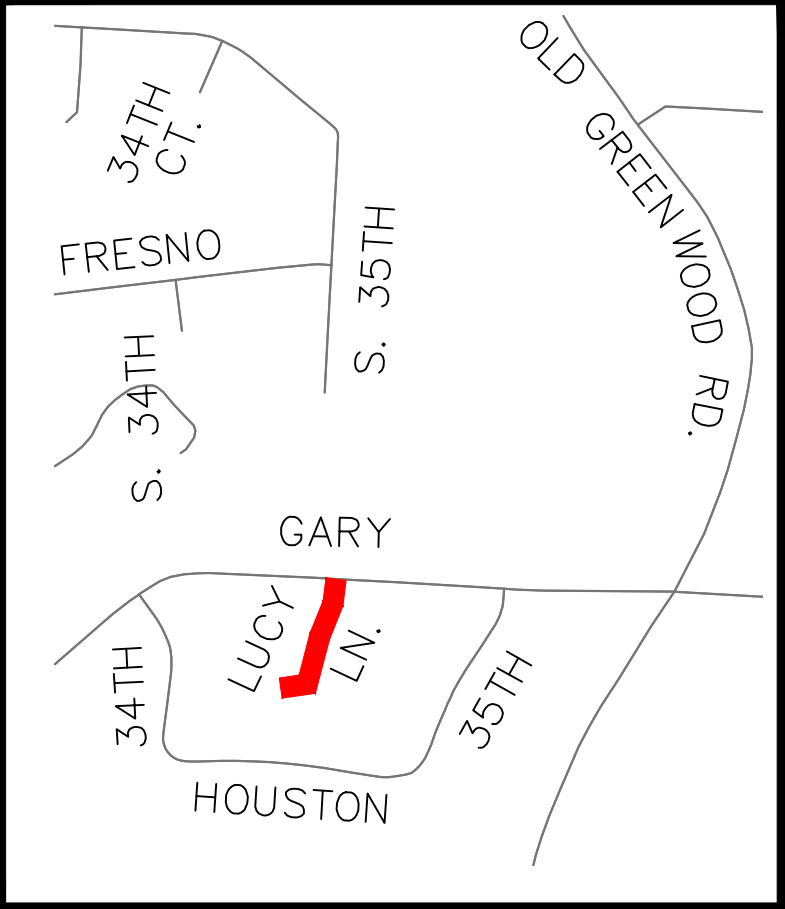
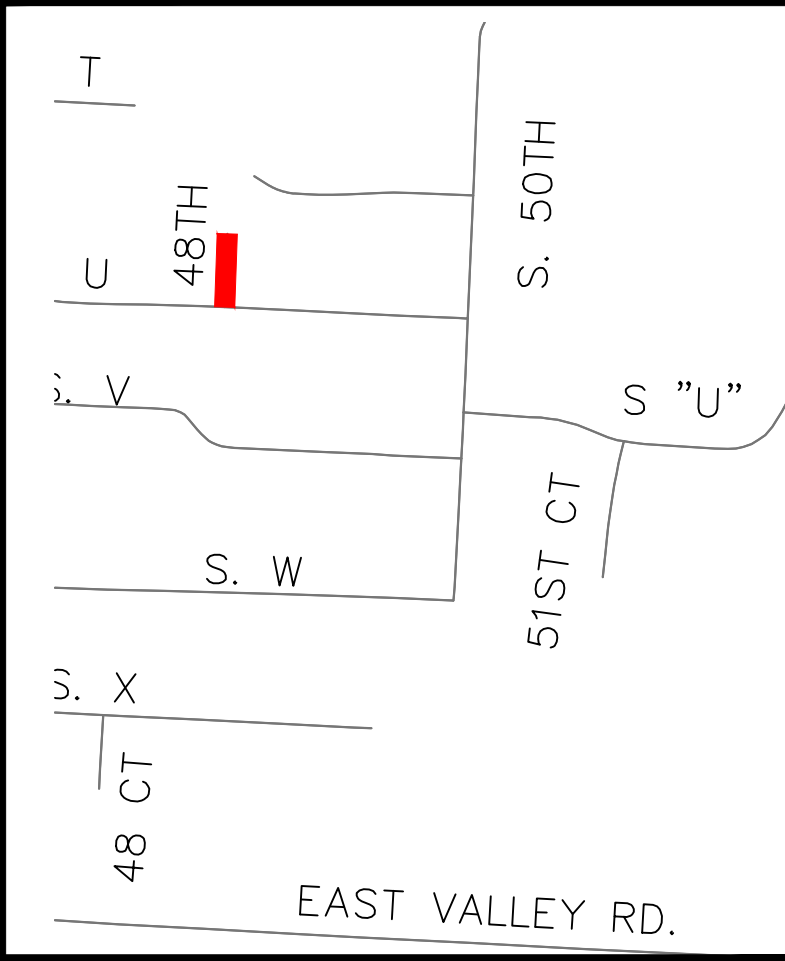
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2019 CAPITAL IMPROVEMENTS PROGRAM
STREET OVERLAYS
FORT SMITH, ARKANSAS



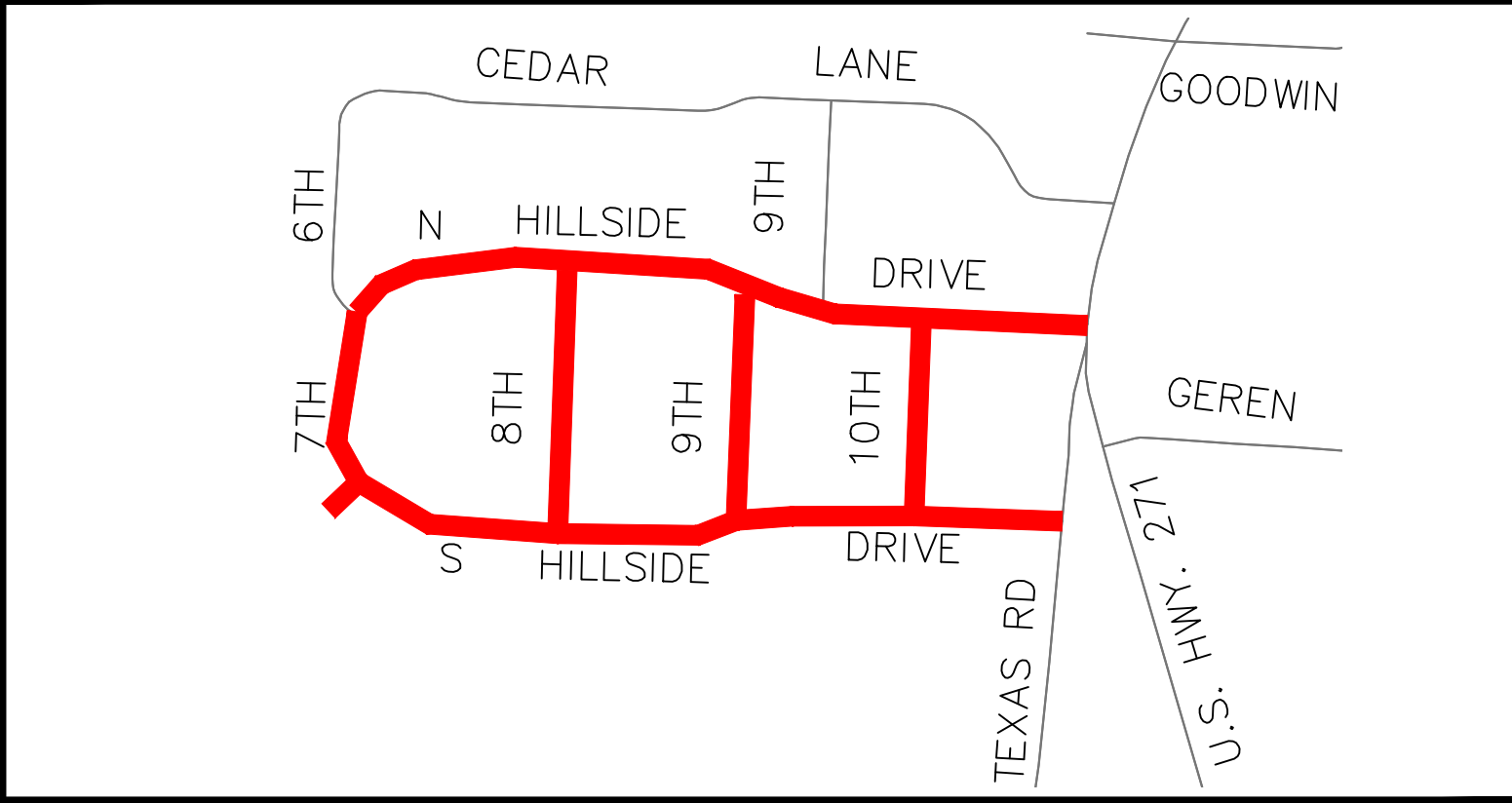
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2019 CAPITAL IMPROVEMENTS PROGRAM
 STREET OVERLAYS
 FORT SMITH, ARKANSAS



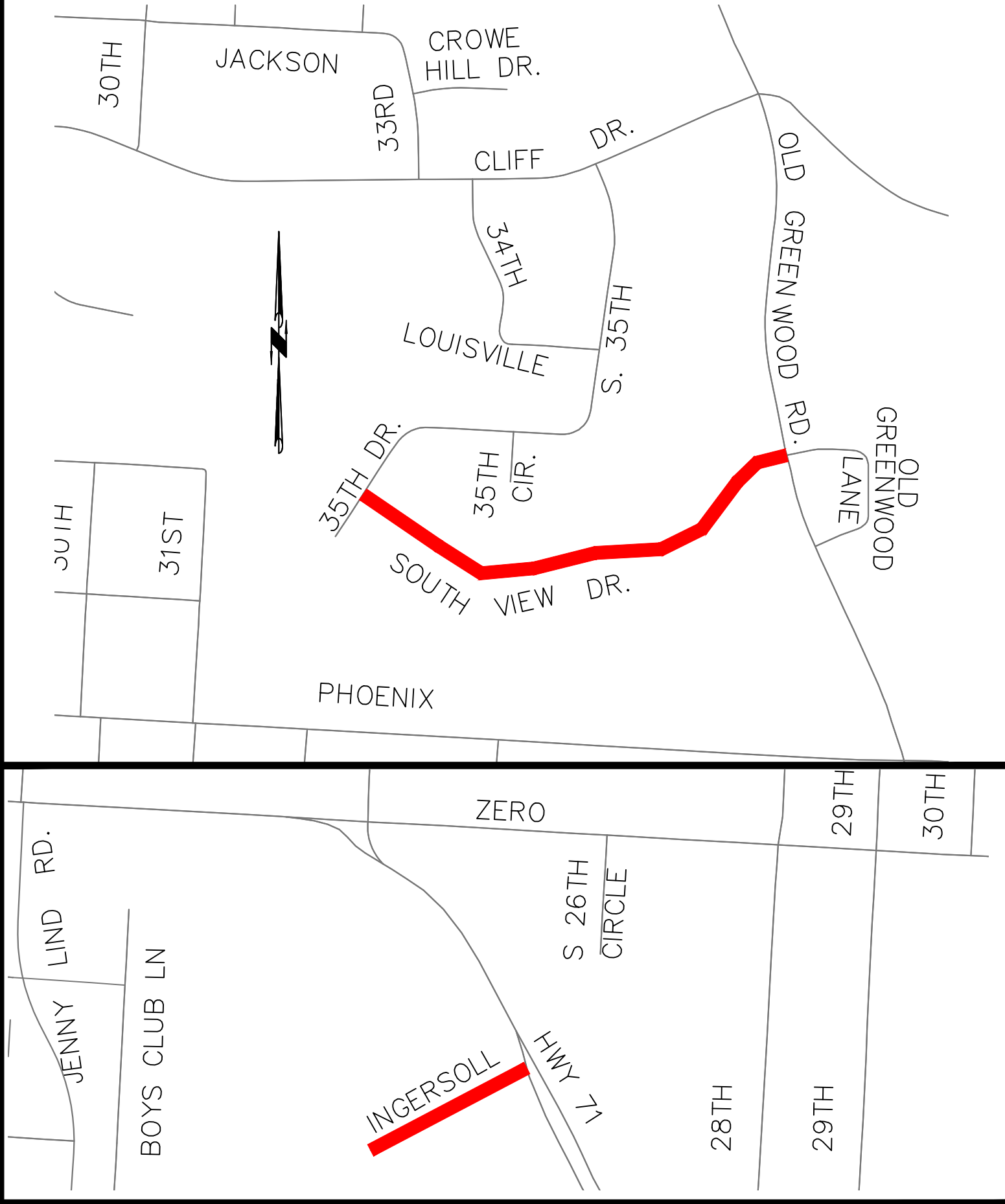
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2019 CAPITAL IMPROVEMENTS PROGRAM
 STREET OVERLAYS
 FORT SMITH, ARKANSAS



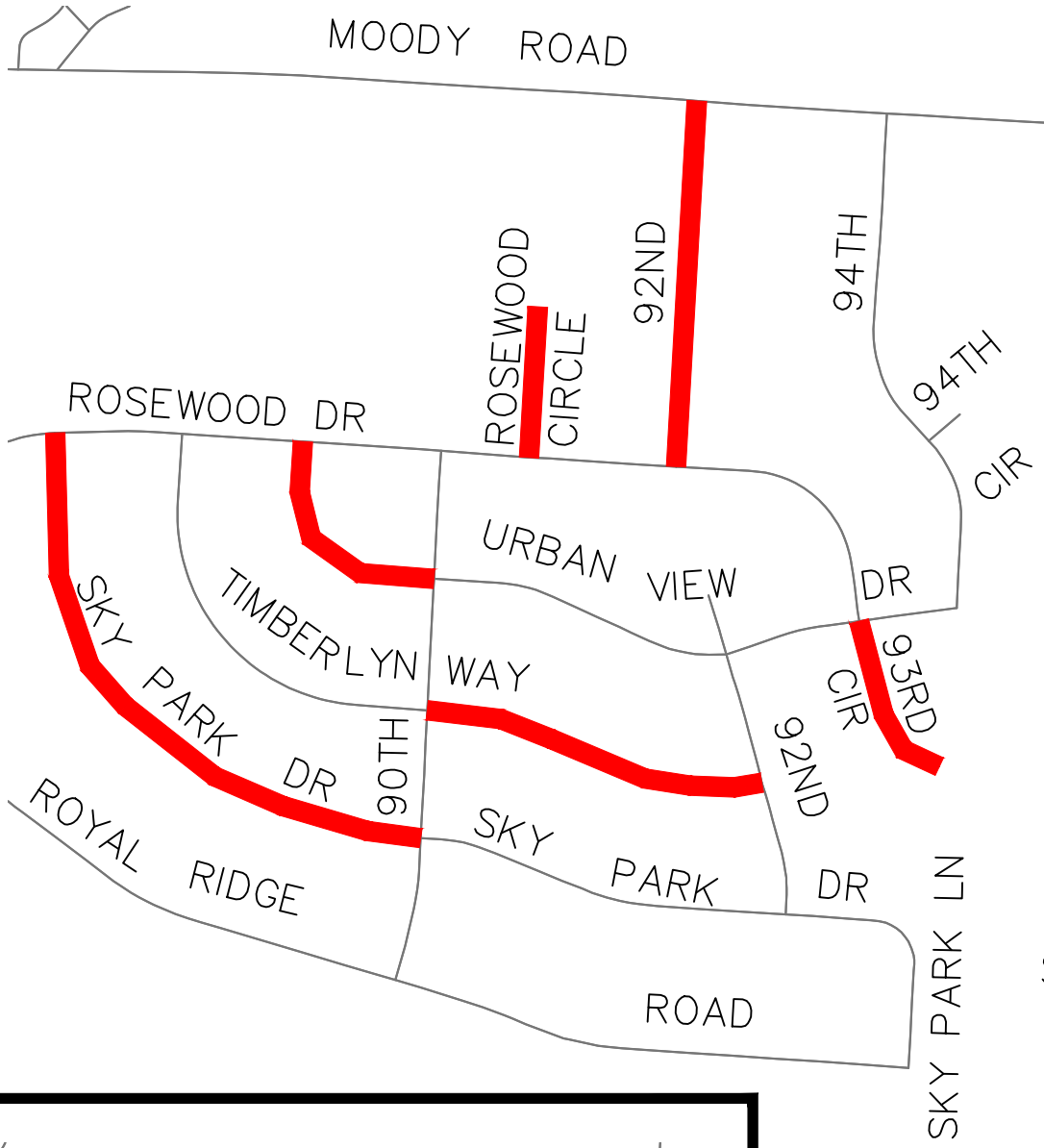
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2019 CAPITAL IMPROVEMENTS PROGRAM
 STREET OVERLAYS
 FORT SMITH, ARKANSAS



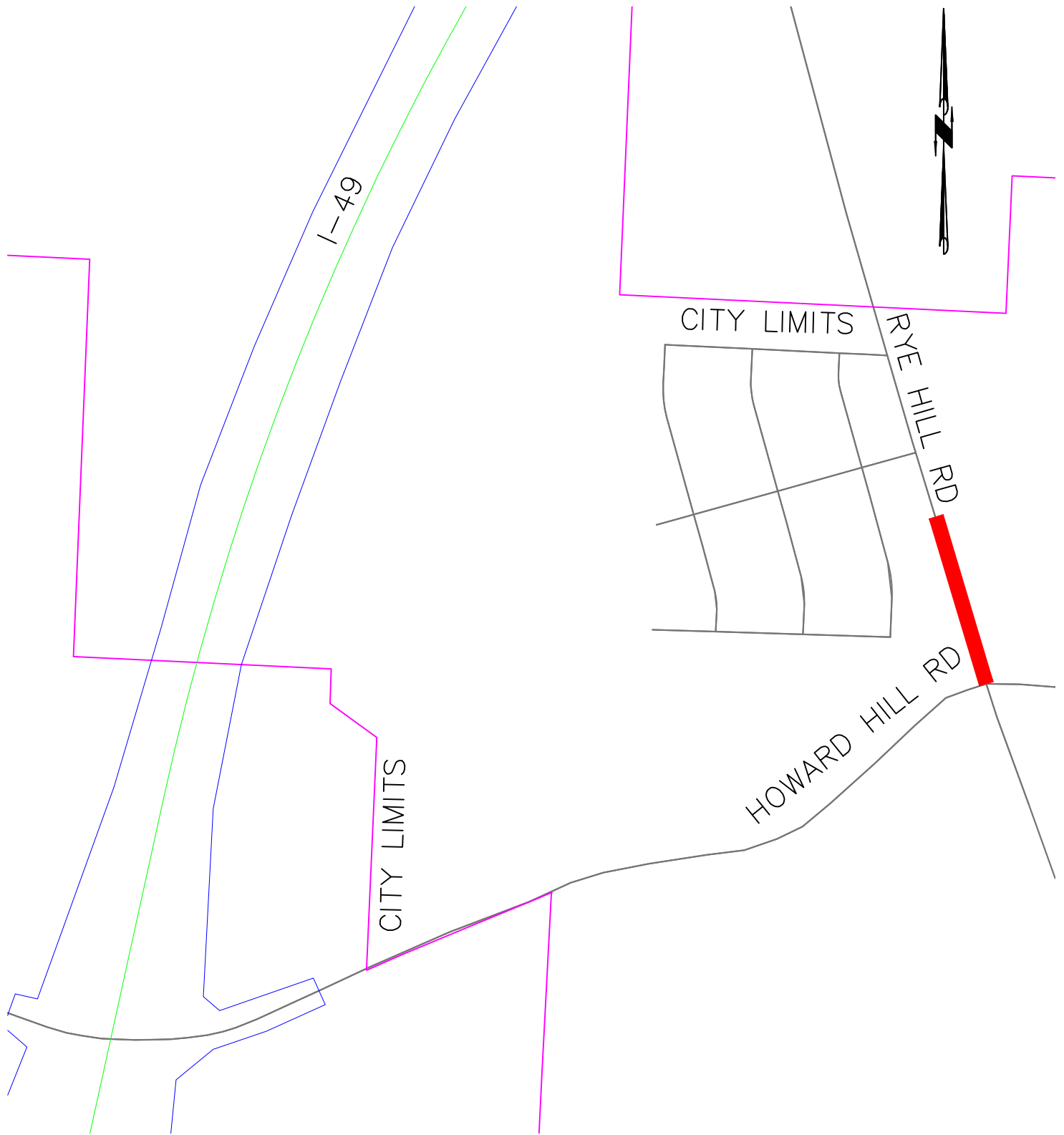
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2019 CAPITAL IMPROVEMENTS PROGRAM
 STREET OVERLAYS
 FORT SMITH, ARKANSAS



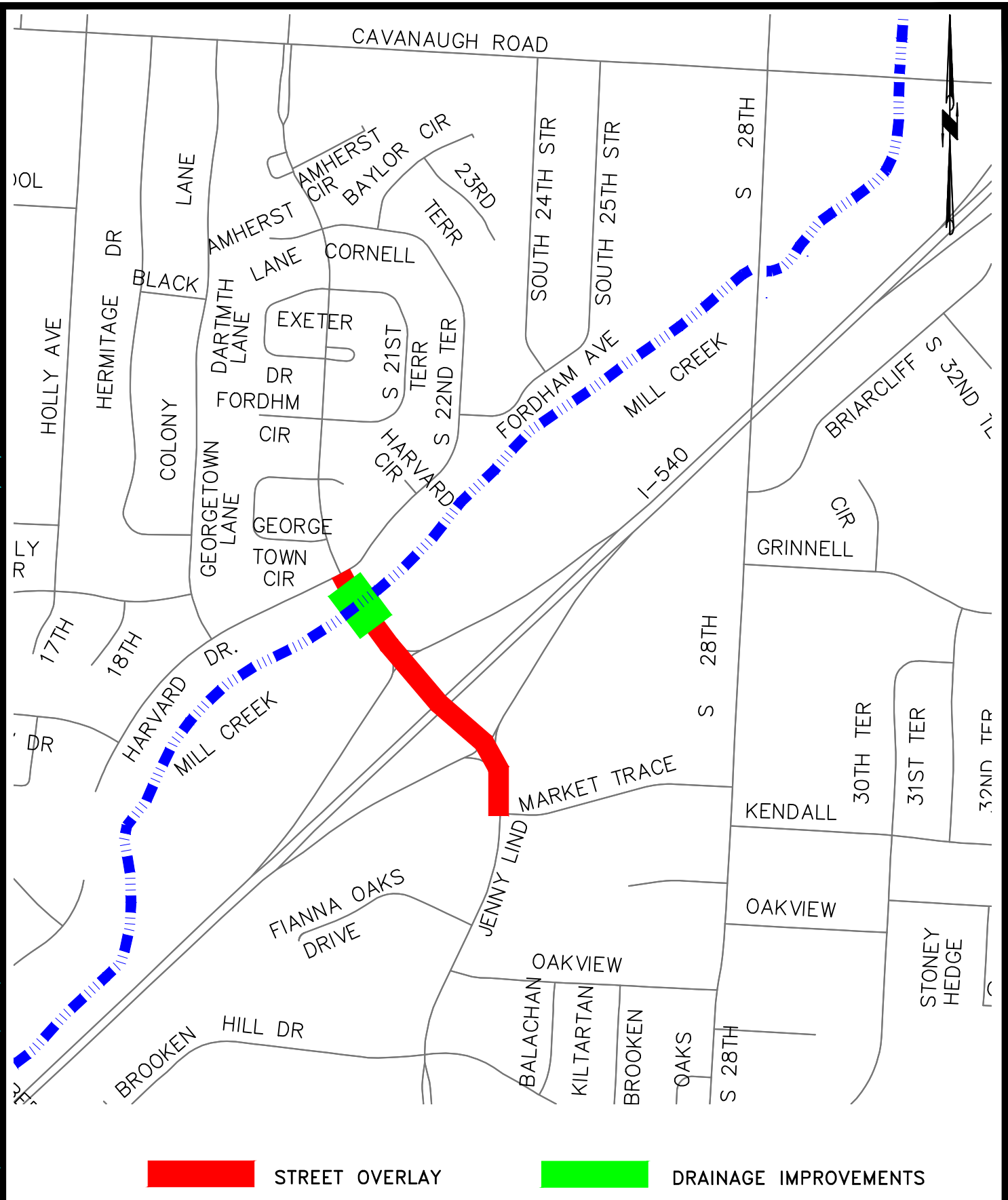
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2019 CAPITAL IMPROVEMENTS PROGRAM
 STREET OVERLAYS
 FORT SMITH, ARKANSAS



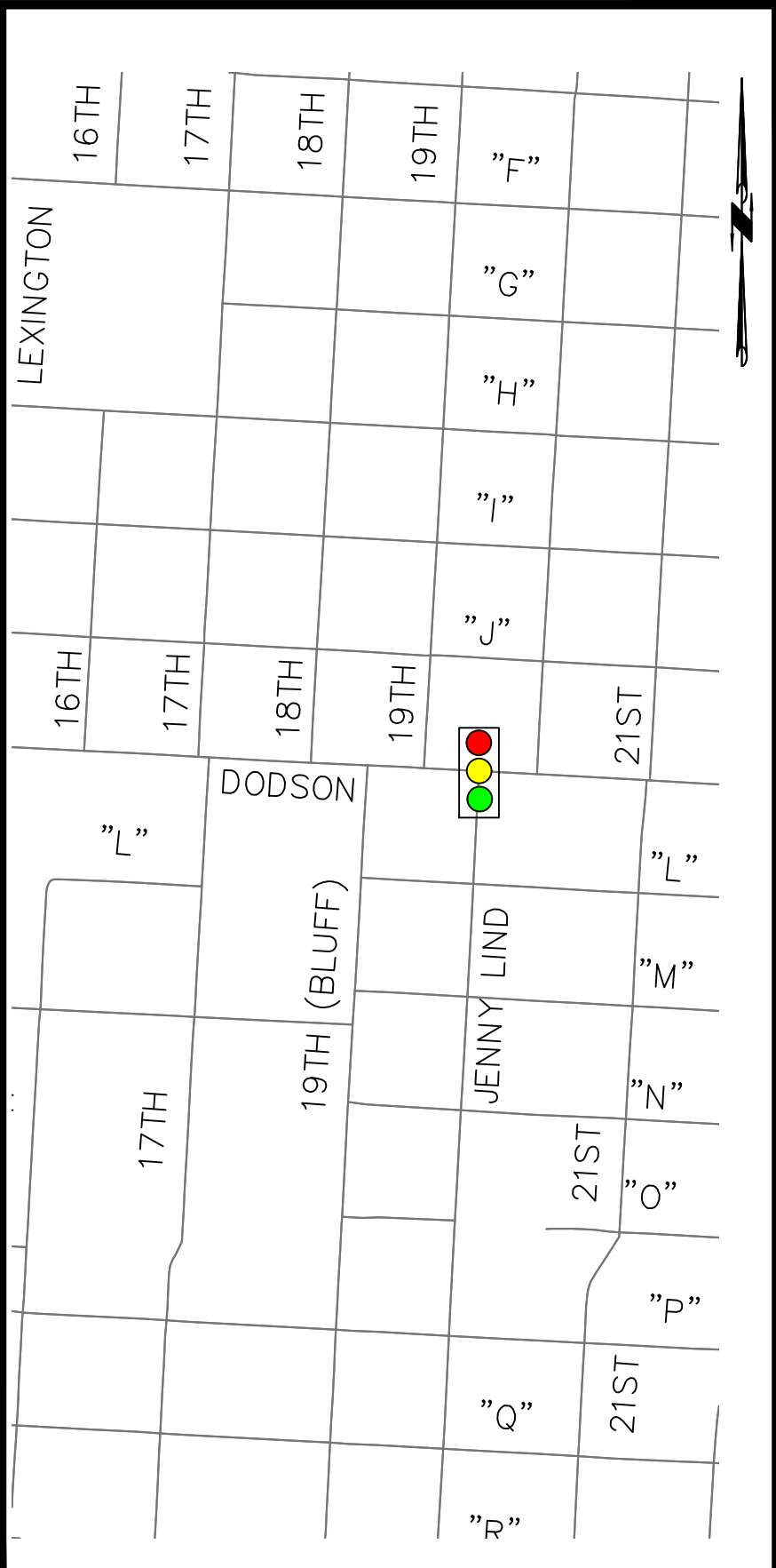
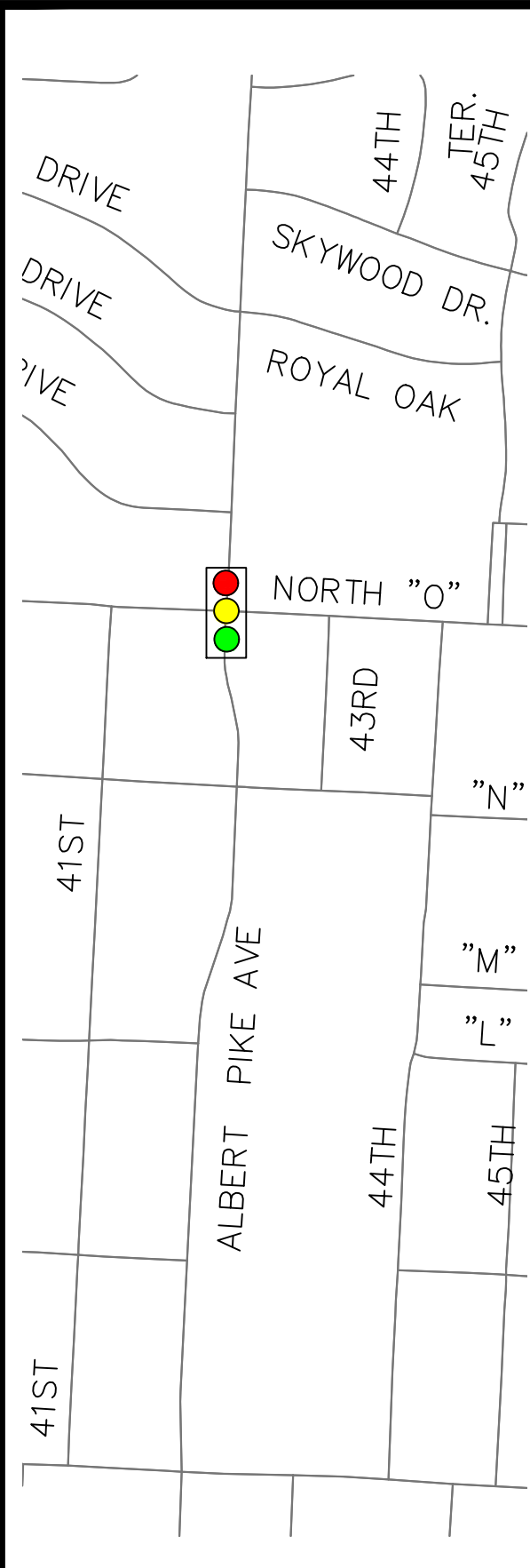
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2019 CAPITAL IMPROVEMENTS PROGRAM
DRAINAGE IMPROVEMENTS



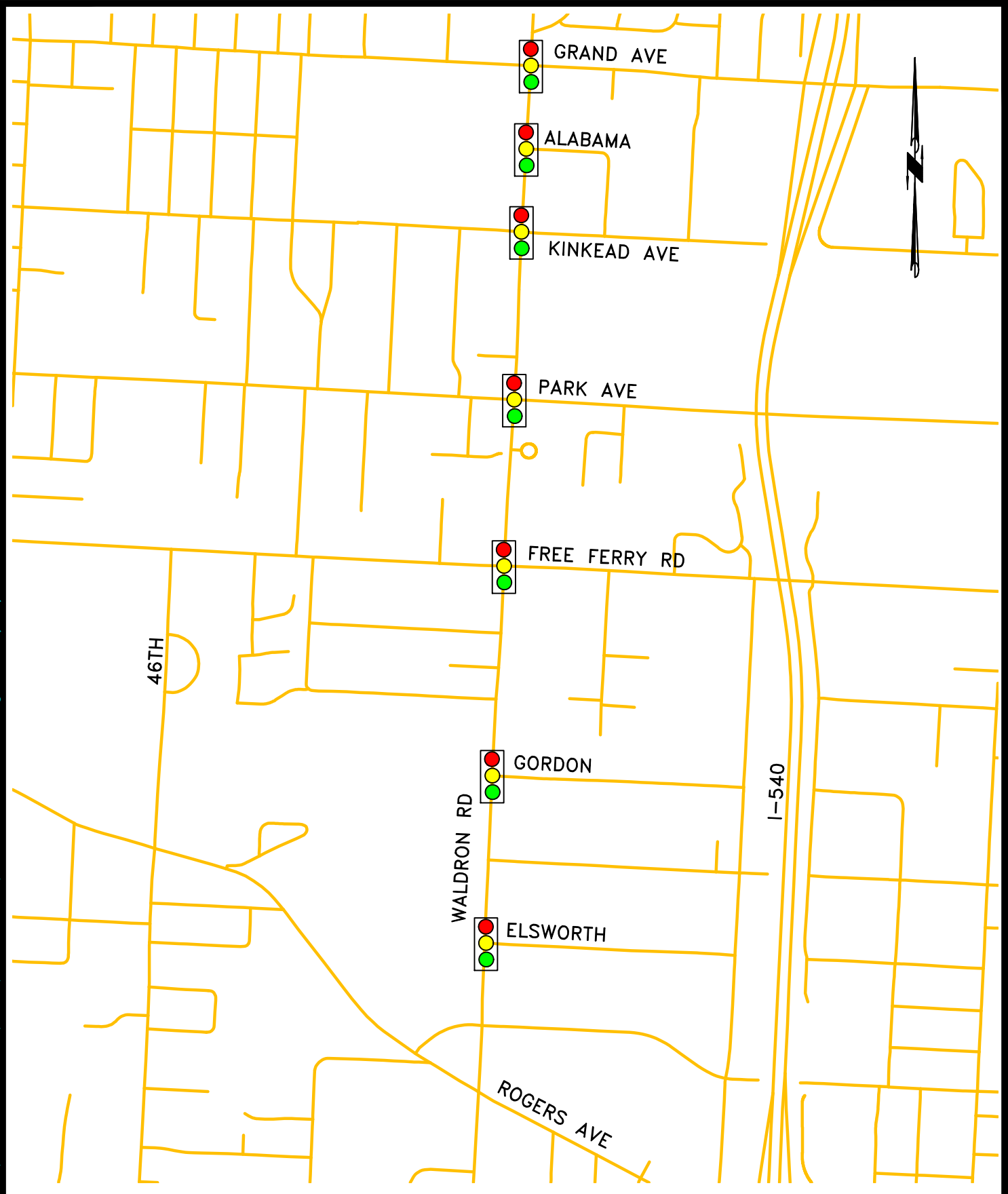
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2019 CAPITAL IMPROVEMENTS PROGRAM
SIGNAL IMPROVEMENTS



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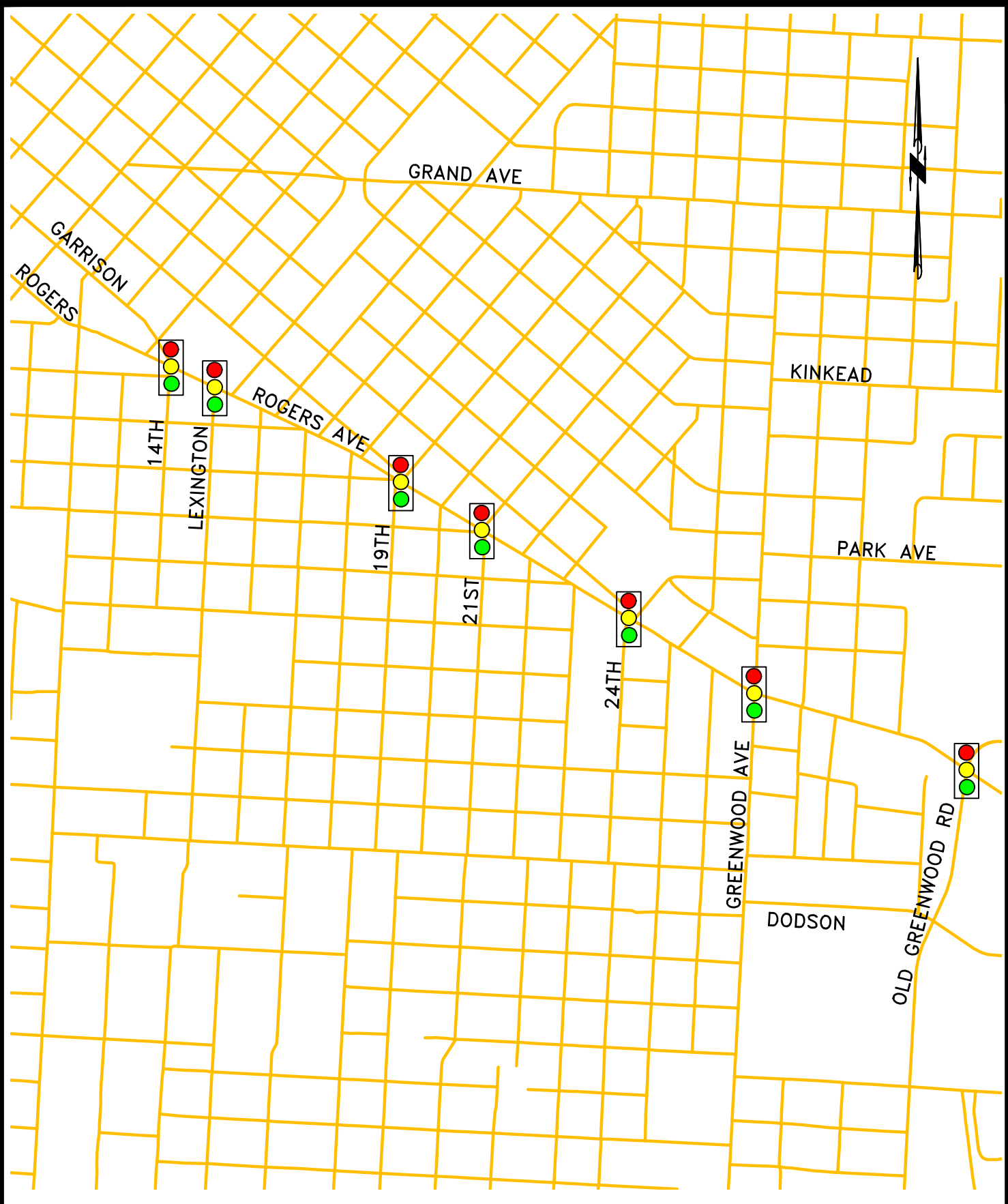


2019 TRAFFIC SIGNALS IMPROVEMENTS
WALDRON ROAD CORRIDOR
TIMING PLAN UPDATE



Project:	SIGNALS
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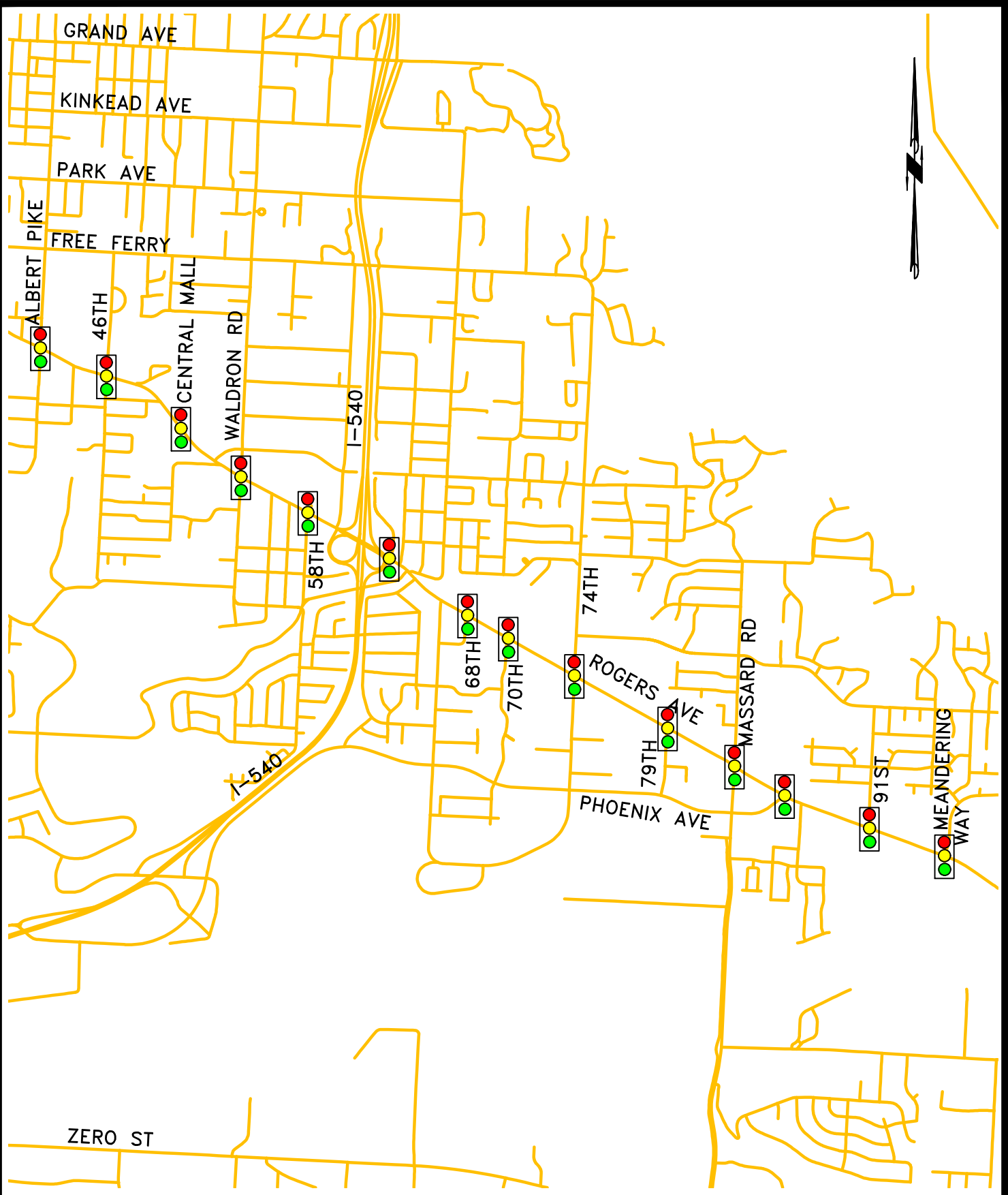


2019 TRAFFIC SIGNALS IMPROVEMENTS
ROGERS AVENUE WEST CORRIDOR
TIMING PLAN UPDATE



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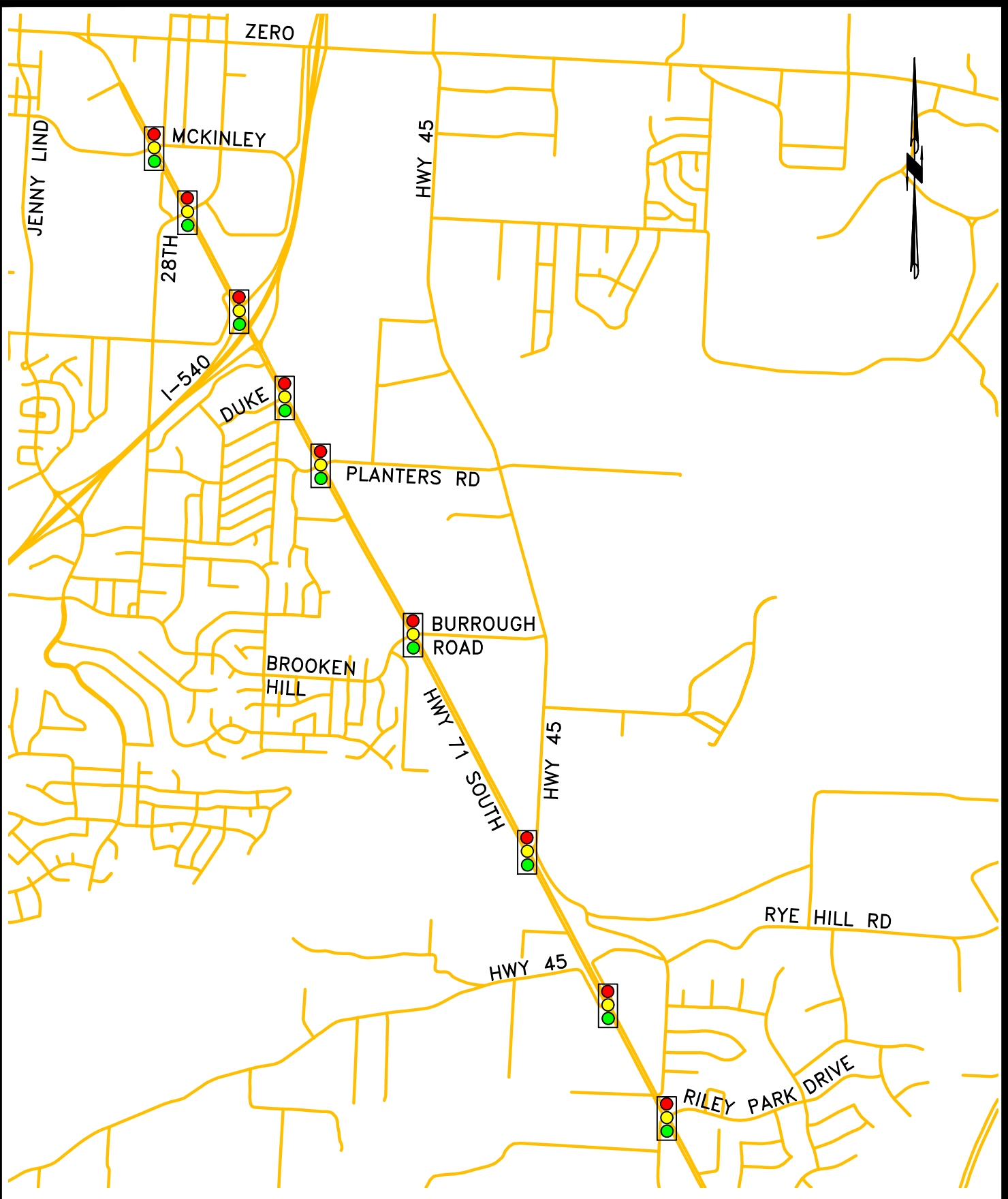
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2019 TRAFFIC SIGNALS IMPROVEMENTS
 ROGERS AVENUE EAST CORRIDOR
 TIMING PLAN UPDATE



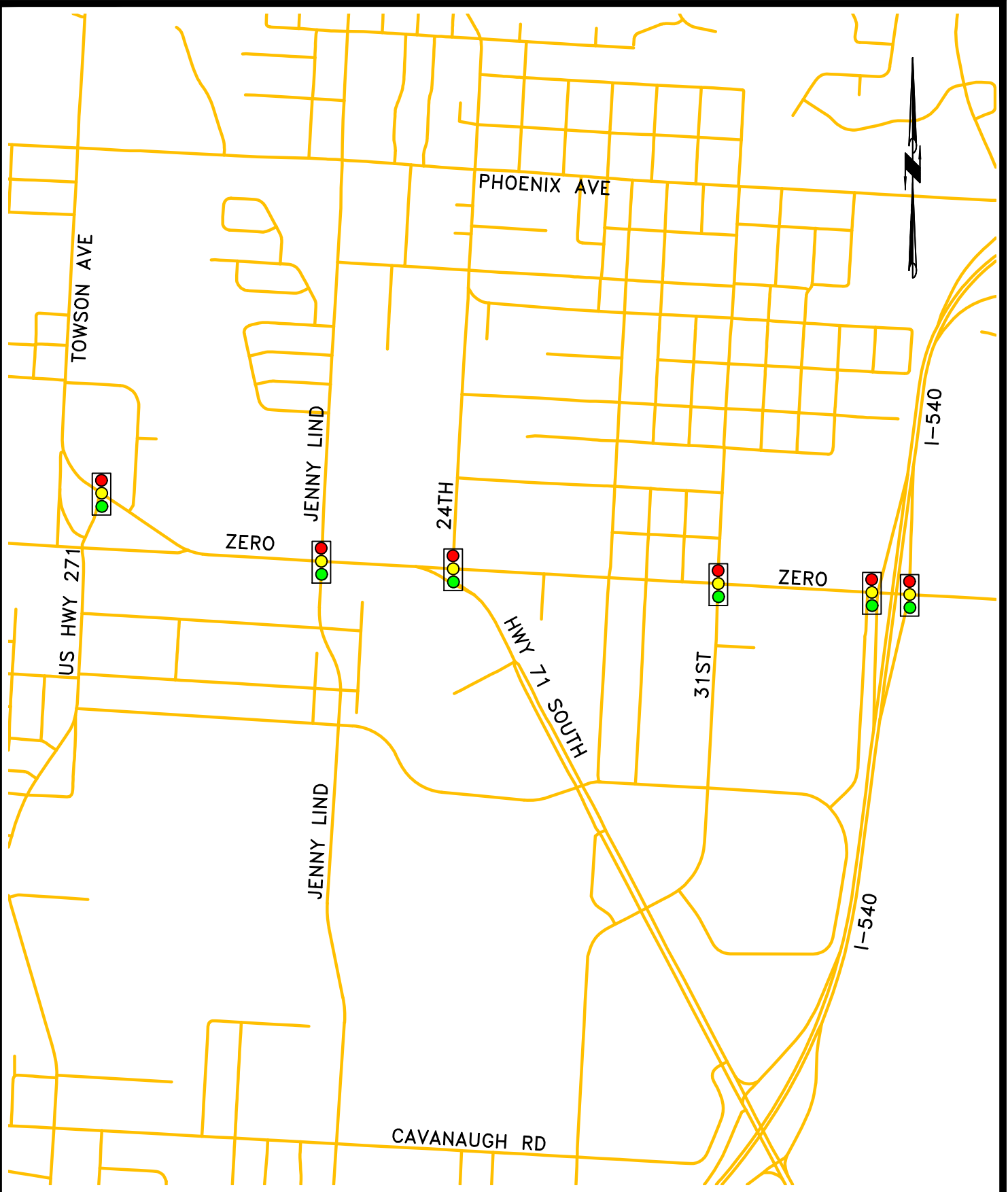
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2019 TRAFFIC SIGNALS IMPROVEMENTS
US HIGHWAY 71 SOUTH COORIDOR
TIMING PLAN UPDATE



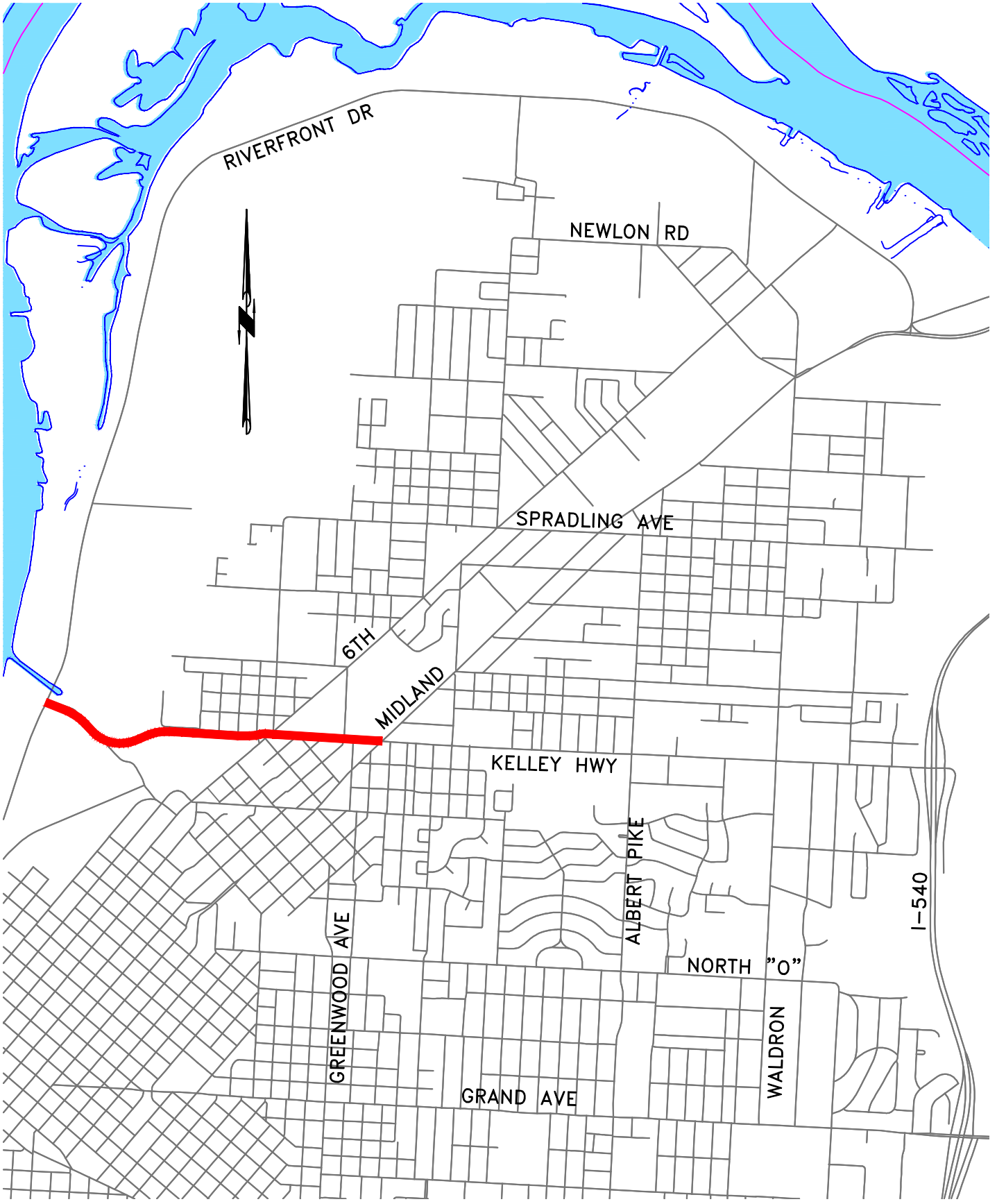
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2019 TRAFFIC SIGNALS IMPROVEMENTS
ZERO STREET CORRIDOR
TIMING PLAN UPDATE



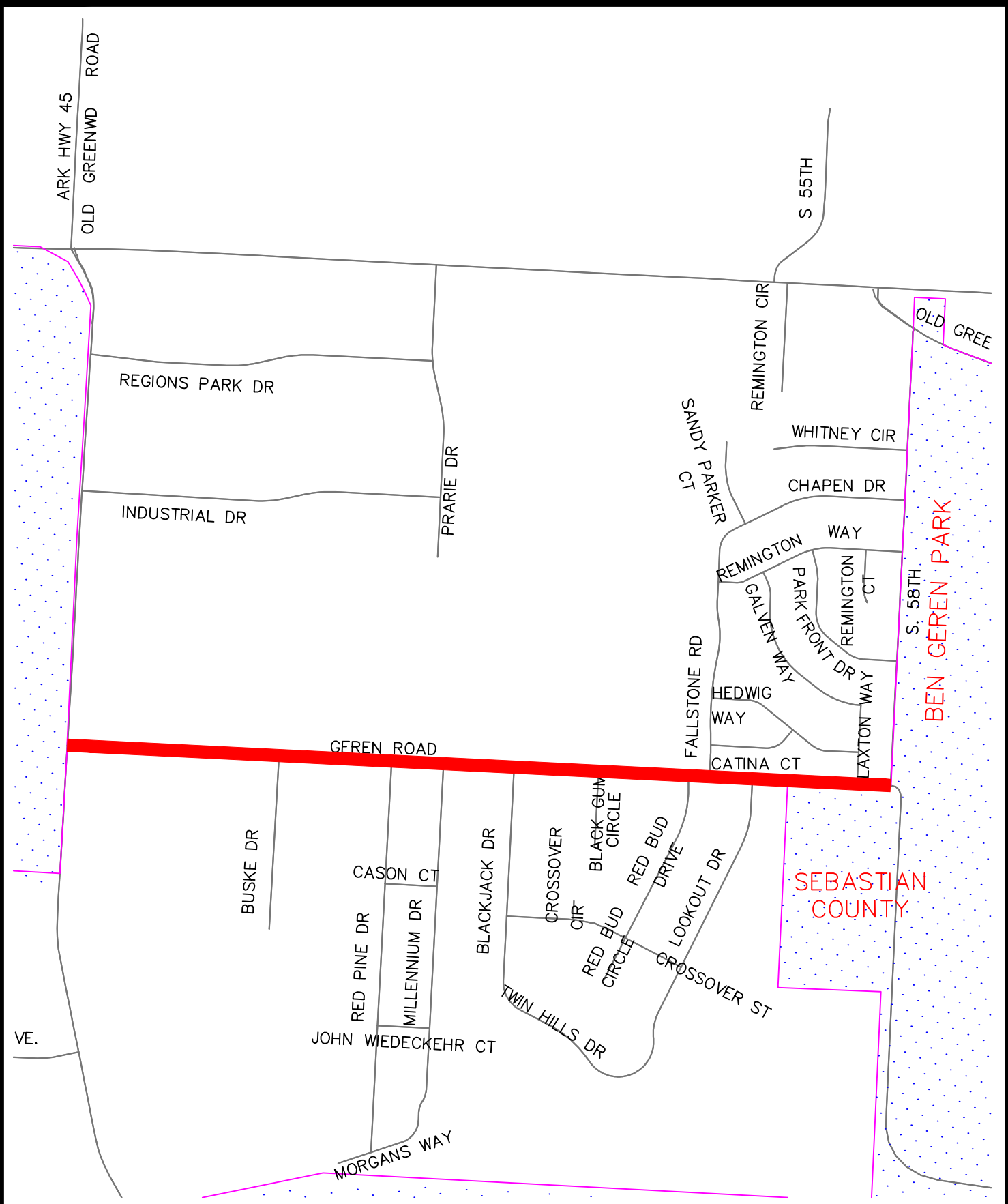
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2019 CAPITAL IMPROVEMENTS PROGRAM
 KELLEY HWY EXTENSION



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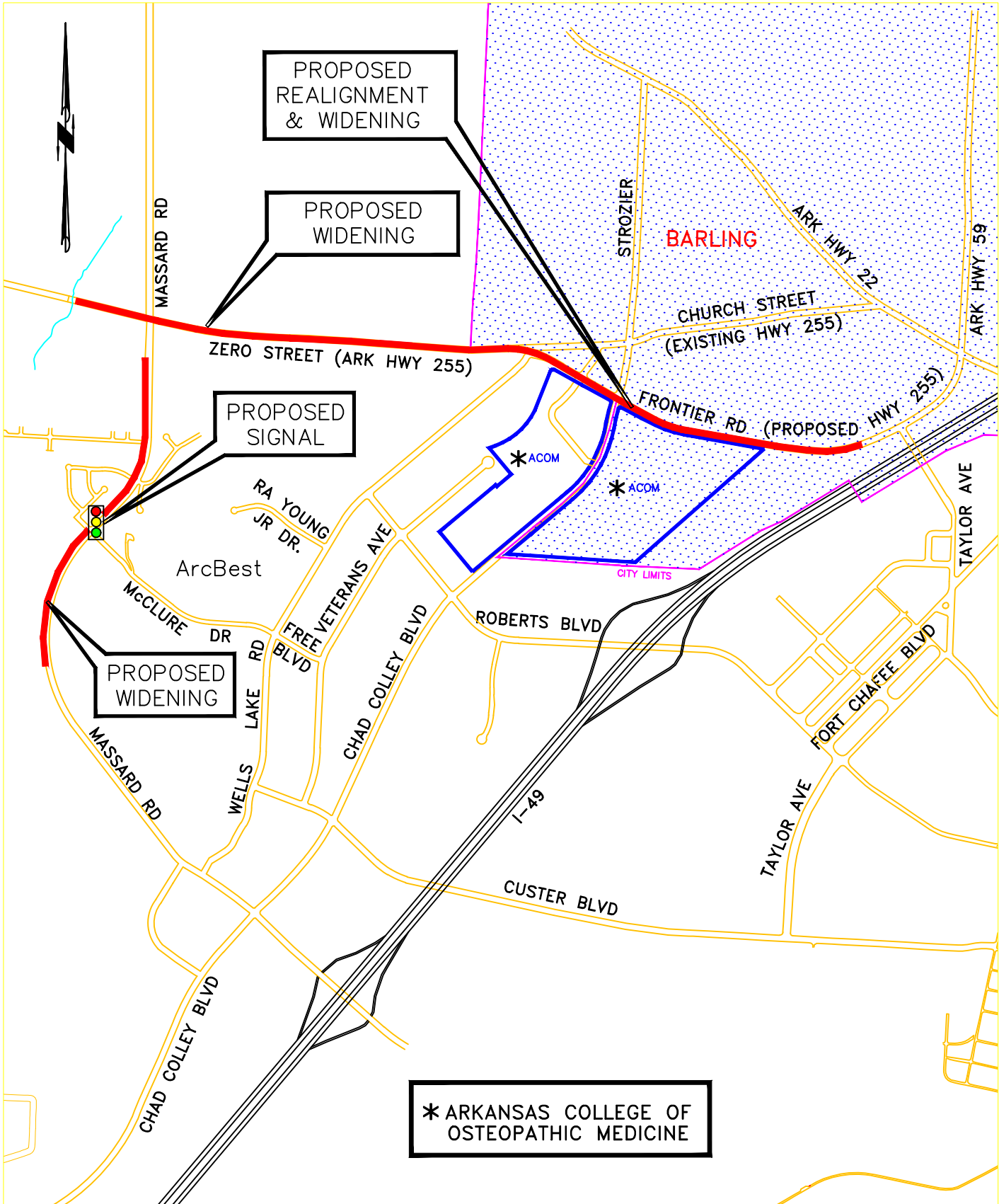


2019 CAPITAL IMPROVEMENTS PROGRAM
GEREN RD RECONSTRUCTION



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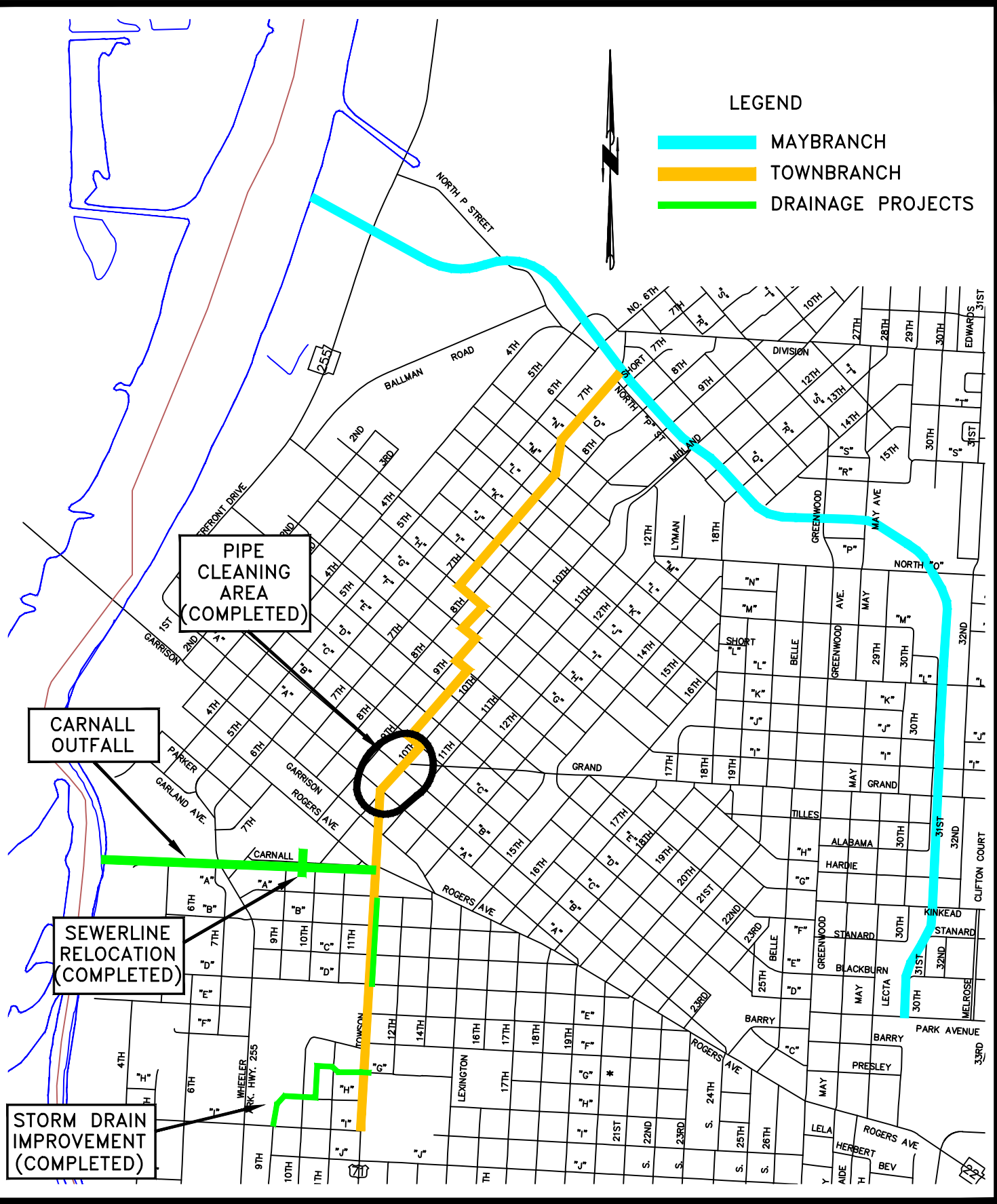
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2019 CAPITAL IMPROVEMENTS PROGRAM
 ZERO STREET (ARK HWY 255)
 MASSARD ROAD WIDENING



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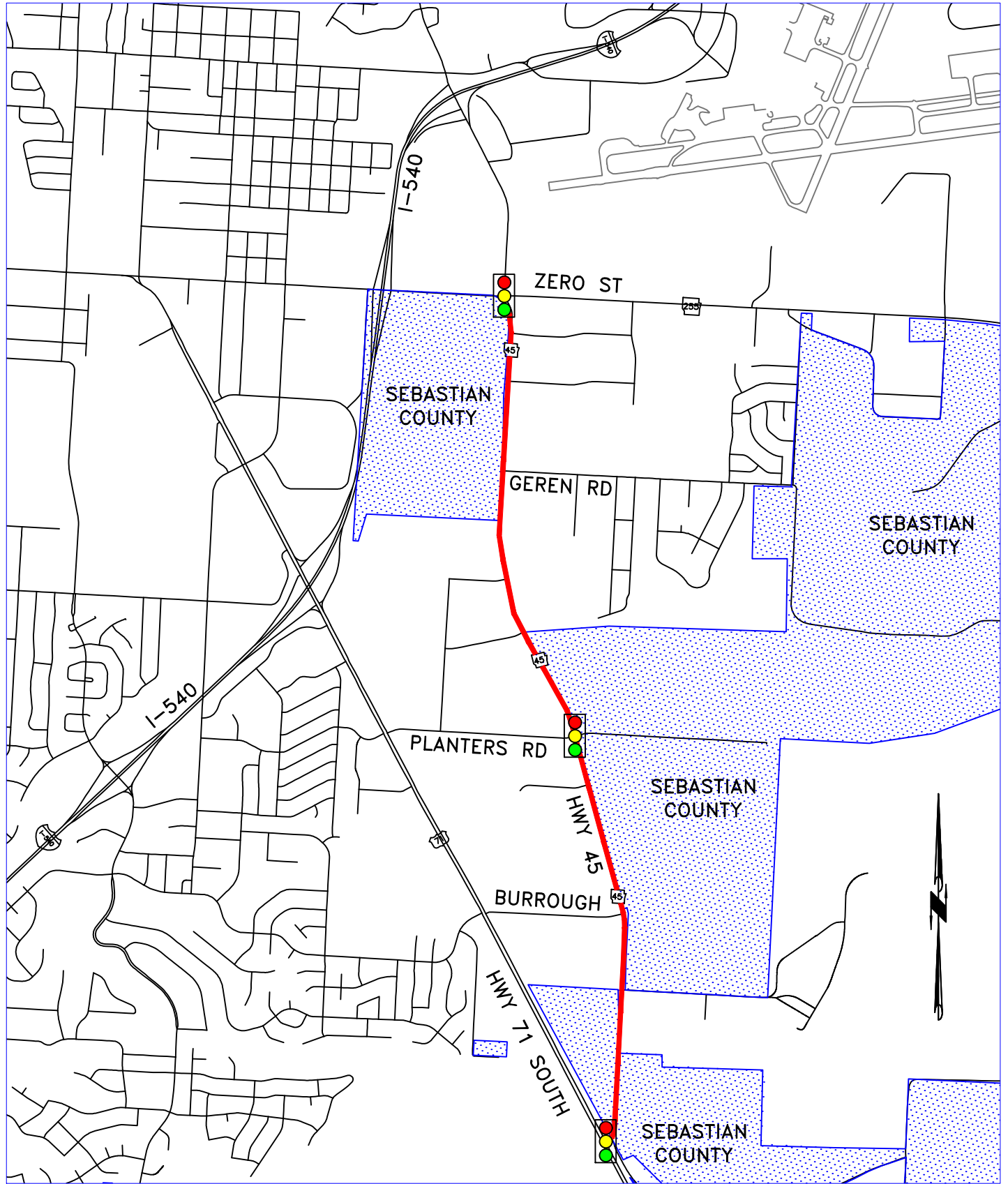
LEGEND

- MAYBRANCH
- TOWNBRANCH
- DRAINAGE PROJECTS

2019 CAPITAL IMPROVEMENTS PROGRAM
 TOWN BRANCH & MAYBRANCH
 DRAINAGE IMPROVEMENTS



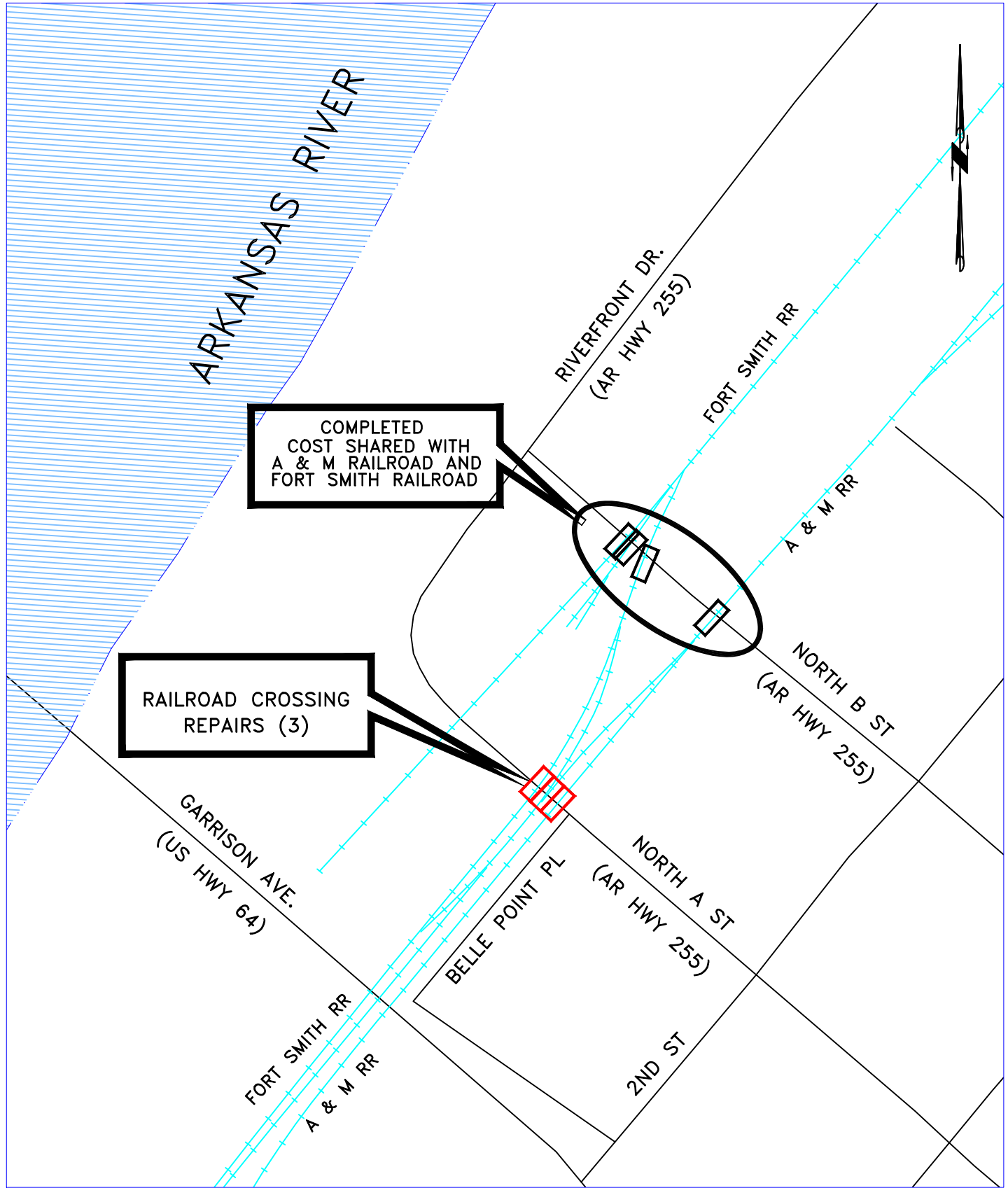
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Scale:	NONE
Drawn By:	RBR



2019 CAPITAL IMPROVEMENTS PROGRAM
ARK HWY 45 WIDENING



Project:	
Date:	Sept. 2018
Scale:	NONE
Drawn By:	RBR
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2019 CAPITAL IMPROVEMENTS PROGRAM
RAILROAD CROSSING IMPROVEMENTS



Project:	
Date:	SEPT. 2018
Scale:	NONE
Drawn By:	RBR