

RESOLUTION NO. R-136-14

**A RESOLUTION APPROVING AND AUTHORIZING
IMPLEMENTATION OF THE FIVE YEAR (2015-2019)
SALES TAX PROGRAM FOR STREETS, BRIDGES
AND RELATED DRAINAGE IMPROVEMENTS**

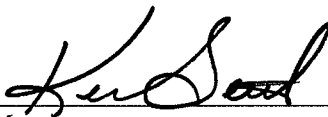
BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE CITY OF FORT SMITH, ARKANSAS THAT:

SECTION 1: The Five Year (2015-2019) Sales Tax Program for streets, bridges and related drainage improvements as identified and specified in the attachment hereto is hereby approved.

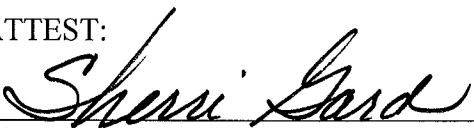
SECTION 2: The staff is directed to proceed with implementation of the 2015 Sales Tax Program.

This Resolution adopted this 7th day of October, 2014.

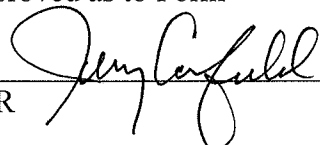
APPROVED:

Vice - 
Mayor

ATTEST:


City Clerk

Approved as to Form


NPR

CITY OF FORT SMITH

9/18/14

Five-Year Capital Improvement Program for Streets, Bridges and Drainage (2015-2019)

	2014	2015	2016	2017	2018	2019
Beginning Balance	22,222,477	24,939,731	12,021,846	6,023,602	3,607,697	2,849,908
Current Year Revenues						
Sales Tax	19,744,052	19,941,493	20,190,761	20,594,576	21,006,468	21,426,597
Grants/Other Participation	248,341	5,190,641	3,050,000	0	0	0
Interest	82,000	79,229	37,395	24,018	16,104	7,502
Total - Current Year Revenues	20,074,393	25,211,363	23,278,156	20,618,595	21,022,572	21,434,099
Total Funds Available	42,296,870	50,151,094	35,300,002	26,642,197	24,630,268	24,284,008
1 Street Overlays & Reconstruction	5,051,513	11,265,534	6,000,000	6,000,000	6,000,000	5,800,000
2 Neighborhood Drainage Improvements	3,586,473	7,082,595	3,330,000	1,000,000	1,000,000	1,000,000
3 Town Branch / Carnall Drainage	214,331	2,300,000	0	0	0	200,000
4 May Branch Outfall Culvert Replacement	1,523,285	0	0	0	0	0
5 North B Truck Route	35,877	760,000	1,000,000	0	0	0
6 Intersection and Signal Improvements	271,729	945,000	300,000	300,000	300,000	300,000
7 Spradling Extension at Riverfront Drive	5,000	1,700,000	0	0	0	0
8 Kelley Highway Extension to Riverfront Drive	0	490,000	500,000	500,000	4,000,000	3,000,000
9 Jenny Lind Road - Zero to Cavanaugh	1,132,877	3,533,119	8,000,000	9,025,000	0	0
10 Geren Road Reconstruction	79,919	1,000,000	5,000,000	0	0	0
11 Zero Street (Hwy 255)	0	0	0	800,000	0	4,000,000
12 May Branch Drainage Project	0	300,000	800,000	1,000,000	6,000,000	5,000,000
13 Railroad Crossing Panels	24,600	180,000	150,000	150,000	150,000	150,000
14 Levee Certification & Repair	1,382,736	0	6,000	0	0	0
15 Streetscape - Towson Avenue	635,000	0	0	0	0	0
16 Overlays/Drainage by Street Department	190,000	200,000	200,000	200,000	200,000	200,000
17 Aerial Mapping	182,989	0	0	0	0	0
18 Traffic Studies	9,500	25,000	25,000	25,000	25,000	25,000
19 Evaluation of Priorities from Board Retreat	29,200	25,000	0	0	0	0
20 FCRA Development	202,168	4,325,000	1,000,000	1,000,000	1,000,000	1,000,000
21 FSHA - Street & Drainage	0	1,100,000	0	0	0	0
22 Hwy 45 widening south of Zero	0	0	0	0	0	200,000
23 Engineering Dept. and Other Depts.	2,632,200	2,698,000	2,765,400	2,834,500	2,905,360	3,050,620
24 Contingency	167,742	200,000	200,000	200,000	200,000	200,000
TOTAL	17,357,139	38,129,248	29,276,400	23,034,500	21,780,360	24,125,620
Ending Balance	24,939,731	12,021,846	6,023,602	3,607,697	2,849,908	158,388

Grants/Other Participation

Jenny Lind Road - Zero to Cavanaugh	39,249	3,200,000	3,050,000	0	0	0
Streetscape - Towson	79,359	190,641	0	0	0	0
FCRA	129,733	1,800,000	0	0	0	0
TOTAL	248,341	5,190,641	3,050,000	0	0	0

**Five Year Capital Improvement Program (2015-2019)
Streets, Bridges and Drainage Sales Tax Funds**

**Descriptions of Selected Projects
September 17, 2014**

- 1. Street Overlays and Reconstruction.** The proposed 2015 projects are shown on the attached list and exhibits. The total length of streets to be improved is approximately 7.6 miles. The estimated cost for the 2015 street overlays and reconstruction projects is \$6.2 million. The total cost shown in 2015 is \$11.3 million which includes \$5.1 million in remaining construction for the 2014 projects. (See pages 5-8)
- 2. Neighborhood Drainage Improvements.** The projects identified in the 2015 drainage program include neighborhood drainage improvements in the areas shown on the attached list and exhibits. The total estimated cost for this work is \$1.3 million and includes two different locations. These projects are associated with structure flooding. The total cost shown for the neighborhood drainage projects in 2015 is \$7.1 million which includes \$5.8 million of remaining work for ongoing drainage projects. (See pages 9-10)
- 3. Town Branch - Carnall Drainage.** 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 \$2.3 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 plans are complete, an AHTD permit has been obtained and right of way acquisition is ongoing. Future additional improvements for this area are contingent upon completion of the lower reach of the May Branch drainage project as noted in item #12. (See page 11)
- 4. May Branch Outfall Culvert Replacement.** The project includes the replacement of approximately 1300 feet of the 12 foot diameter May Branch outfall culvert. This culvert serves as the outlet for the May Branch drainage basin. Construction will be finalized this year. (See page 12)
- 5. 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 study in 2015 of the riverfront area to ensure that adequate access for various modes of transportation (vehicular, trucks, pedestrian and bicycles) are accommodated. (See page 13)

6. Intersection and Signal Improvements. This project includes replacement of the traffic signals at the following three intersections along Midland Boulevard: Spradling Avenue, North “S” Street & Division Street. (See page 14)

7. Spradling Avenue Extension at Riverfront Drive. 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 2015. (See page 15)

8. Kelley Highway Extension to Riverfront Drive. This project is for the reconstruction and widening of Kelley Highway from Midland Boulevard to Riverfront Drive. In 2014, an impact study was completed which analyzed the extension of Spradling Avenue to serve the riverfront area versus other alternate routes. The impact study determined that Kelley Highway provides a more direct east-west corridor from I-540 to the riverfront than utilizing Spradling Avenue. The Kelley Highway extension has less neighborhood property and traffic impacts and requires less street improvements than extending Spradling Avenue. (See page 15)

9. Jenny Lind Road - Zero to Cavanaugh Road. 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. The right of way has been secured and final plans are being submitted to the AHTD in October. 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 or shortly after the first of next year. Federal funding in the amount of \$7.2 million will benefit this project. (See page 16)

10. Geren Road Reconstruction. This project is for the reconstruction and widening of Geren Road between Highway 45 and 58th Street. This section of Geren Road was included as a street resurfacing project in the 2014 capital improvement program. However during the development of the resurfacing plans and considering numerous factors (major utility impacts/relocation; storm drainage installation; access and increased vehicular, pedestrian and bike traffic to Ben Geren Park/new water park; inconvenience to the adjoining neighborhoods; etc.), we determined that it would be best to proceed with the widening and reconstruction of Geren Road at this time. (See page 17)

11. 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 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 18)

12. 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. We anticipate the design by the Corps of Engineers to be completed in 2015 and acquisition of right of way will follow beginning late next year. The anticipated construction will follow the preparation of final plans, 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 11)

13. Railroad Crossing Panels. This project improves street crossings at railroads through the installation of concrete railroad crossing panels. For 2015, four railroad crossings are proposed which are located on North 27th Street between Kelley Highway and North 6th Street. (See page 19)

14. Levee Certification and Repair. This project includes items associated with flood protection and the levee certification in accordance with federal design criteria. The 2014 work includes repairs to the P & J Street pump stations and construction of a flood closure device at North P Street. (See page 20)

15. Streetscape – Towson Avenue. 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 has been placed on the contract as the remaining work area is currently restricted due to the renovation of the building at the southeast corner of Towson and Garrison Avenue. The remaining one block of streetscape work will be finalized once access to the sidewalk is available. (See page 21)

19. Evaluation of Priorities from Board Retreat. This item includes evaluation of the priorities from the Board of Directors retreat. The following items are being evaluated during the year noted. The estimated cost is shown for each item.

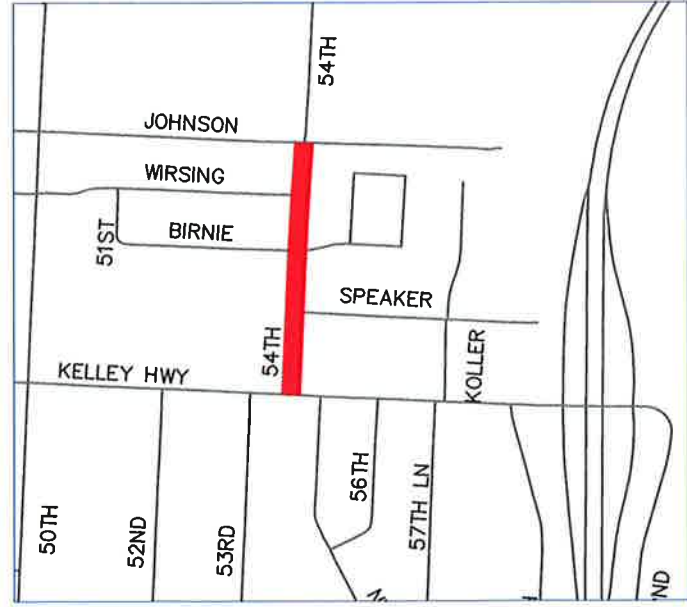
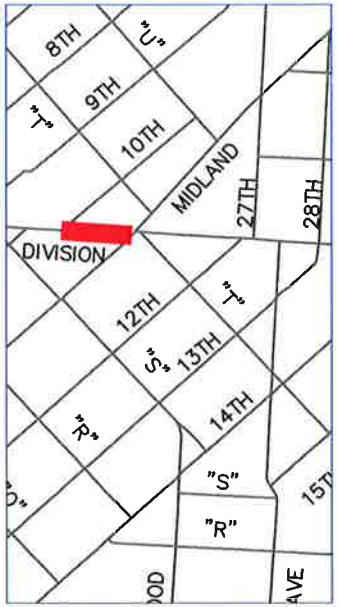
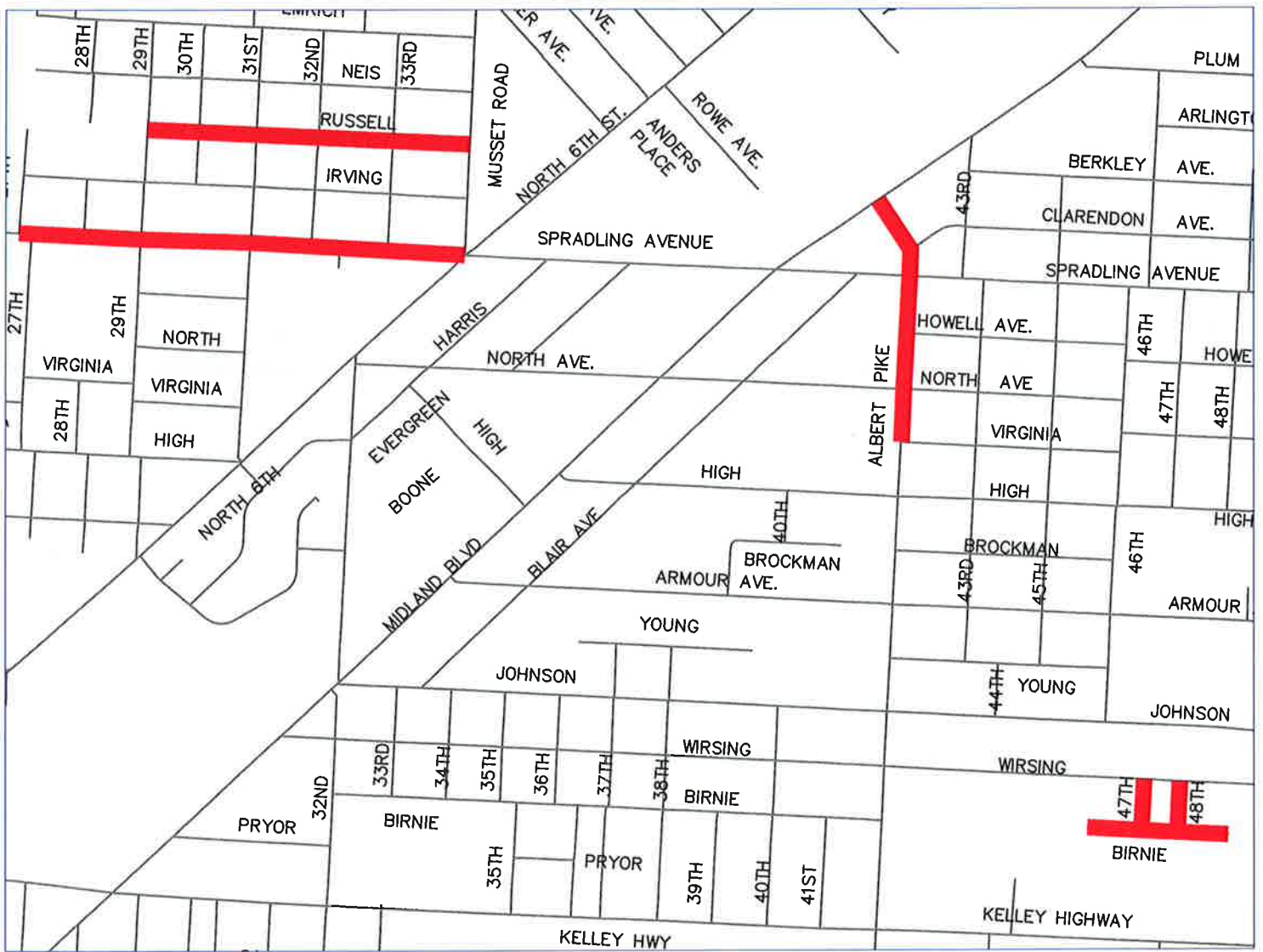
- (2014) - Extension of Spradling Avenue westward to Riverfront Dr. (\$13,000)
- (2014) - Incorporate Bike Lanes into Transportation Planning (\$16,200)
- (2015) - Roadway Enhancements for Riverfront Dr. (\$10,000)
- (2015) - Parkway Trees (\$15,000)

20. FCRA 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 is further north of McClure Drive and extends west from Wells Lake Road. These streets are being cost shared equally with the Fort Chaffee Redevelopment Authority. 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. (See pages 22-23)

21. FSHA – Street and Drainage. This item includes assistance for the street and drainage construction associated with two Fort Smith Housing Authority residential developments. One project is located at the old Bailey Hill Reservoir site and the other is southwest of the current Northpointe housing development.

**2015 CAPITAL IMPROVEMENTS PROGRAM
STREET OVERLAYS/RECONSTRUCTION**

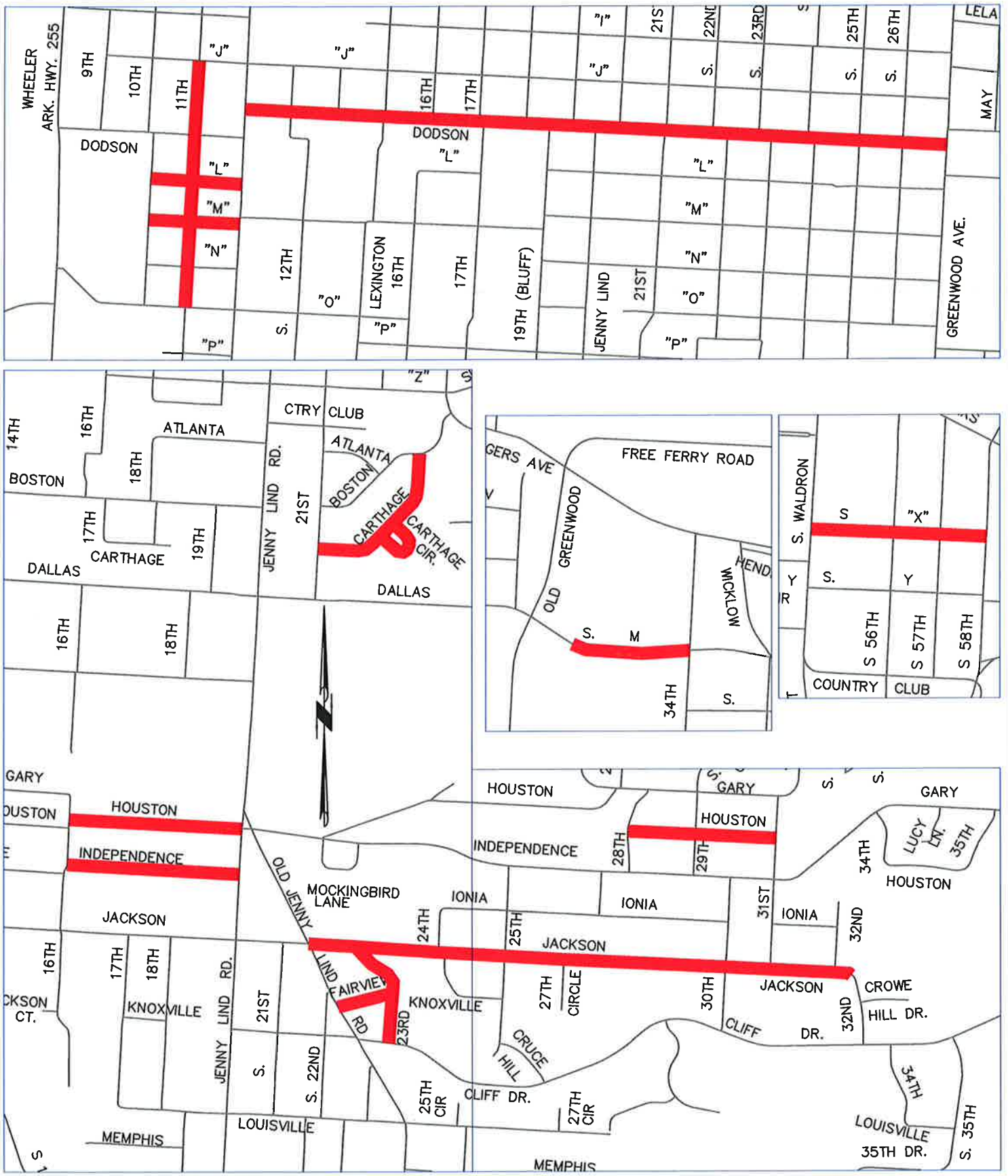
STREET	FROM	TO	LENGTH	COST
74TH ST.	ROGERS AVE.	EUPER LN.	3668	\$556,081.56
LEIGH AVE.	PHOENIX AVE.	AIRPORT BLVD.	1235	\$161,922.22
BIRNIE AVE.	END OF ROAD	END OF ROAD	849	\$100,182.00
47TH ST.	BIRNIE AVE.	WIRSING AVE.	311	\$36,698.00
48TH ST.	BIRNIE AVE.	WIRSING AVE.	310	\$36,580.00
SOUTH X ST.	54TH ST.	58TH ST.	1324	\$156,232.00
CARTHAGE ST.	21ST ST.	BOSTON ST.	1245	\$220,365.00
CARTHAGE CR.	CARTHAGE ST.	CARTHAGE ST.	401	\$55,204.33
DODSON AVE.	TOWSON AVE.	GREENWOOD AVE	5277	\$1,053,595.78
SOUTH L ST.	10TH ST.	TOWSON AVE.	681	\$96,150.33
SOUTH M ST.	10TH ST.	TOWSON AVE.	607	\$91,522.11
11TH ST.	SOUTH O ST.	SOUTH J ST.	1893	\$269,289.11
FORT CHAFFEE BLVD.	TAYLOR AVE.	CITY LIMITS	2025	\$438,075.00
ALBERT PIKE AVE.	VIRGINIA AVE.	MIDLAND BLVD.	1542	\$242,608.00
SPRADLING AVE.	27TH ST.	MUSSETT RD.	2669	\$349,935.56
RUSSELL ST.	29TH ST.	MUSSETT RD.	1927	\$227,386.00
52ND ST.	GRAND AVE.	NORTH O ST.	2663	\$471,351.00
DIVISION ST.	10TH ST.	MIDLAND BLVD.	358	\$79,794.22
HOUSTON ST.	16TH ST.	JENNY LIND RD.	1295	\$178,278.33
INDEPENDENCE ST.	16TH ST.	JENNY LIND RD.	1292	\$177,865.33
SOUTH M ST.	34TH ST.	PARKS DEPT. DRIVE	785	\$102,922.22
JACKSON ST.	OLD JENNY LIND RD.	33RD ST.	4063	\$582,946.22
FAIRVIEW DR.	OLD JENNY LIND RD.	JACKSON ST.	924	\$139,318.67
23RD ST.	CLIFF DR.	FAIRVIEW DR.	378	\$39,648.00
HOUSTON ST.	28TH ST.	31ST ST.	1118	\$146,582.22
54TH ST.	KELLEY HWY.	JOHNSON ST.	1318	\$155,524.00
TOTAL FOR 2015 STREET OVERLAYS/RECONSTRUCTION PROGRAM				\$6,166,057.22
BALANCE OF 2014 PROJECTS CURRENTLY UNDERCONSTRUCTION				\$5,099,477.00
TOTAL				\$11,265,534.22



2015 CAPITAL IMPROVEMENTS PROGRAM
STREET OVERLAYS/RECONSTRUCTION



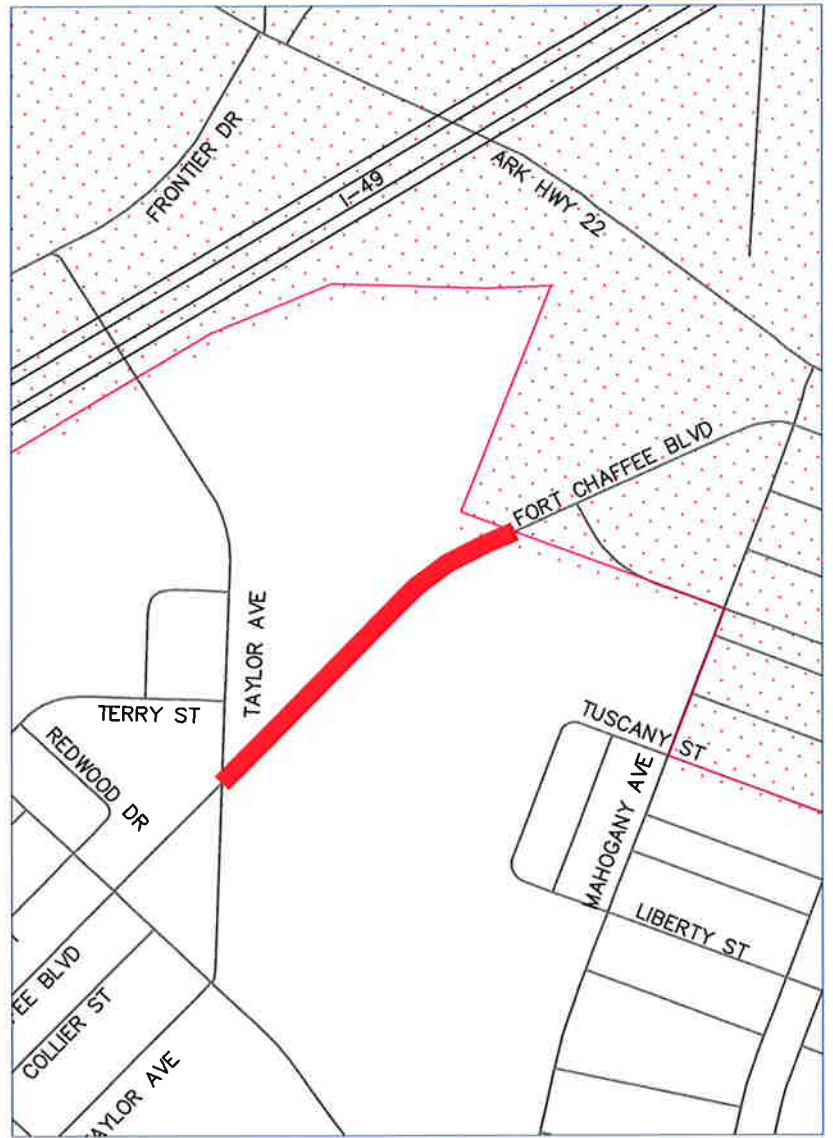
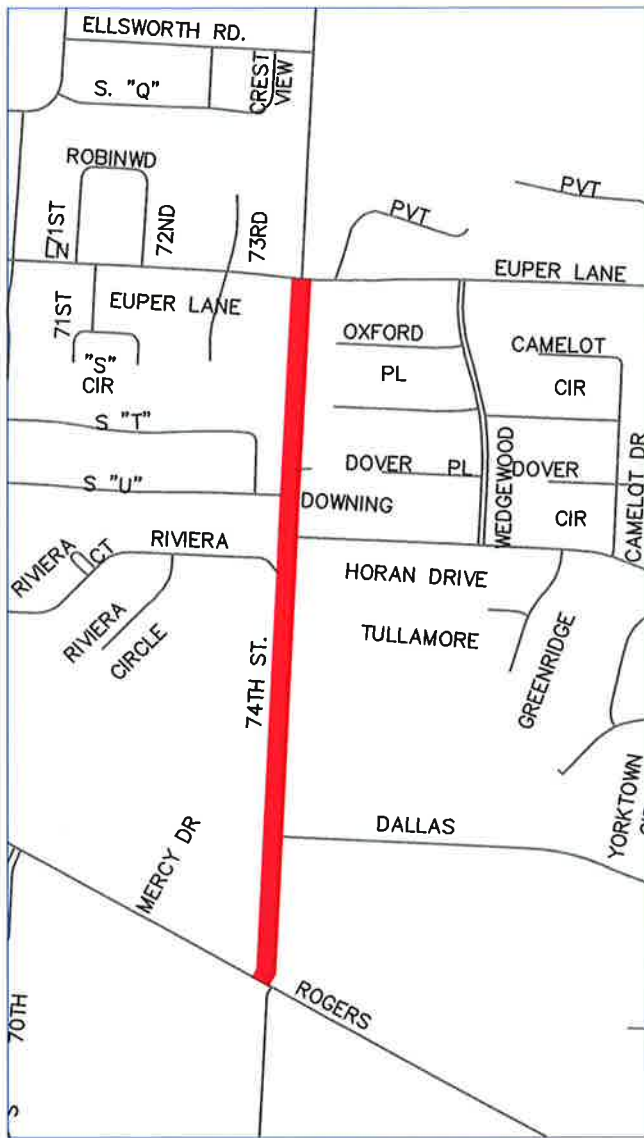
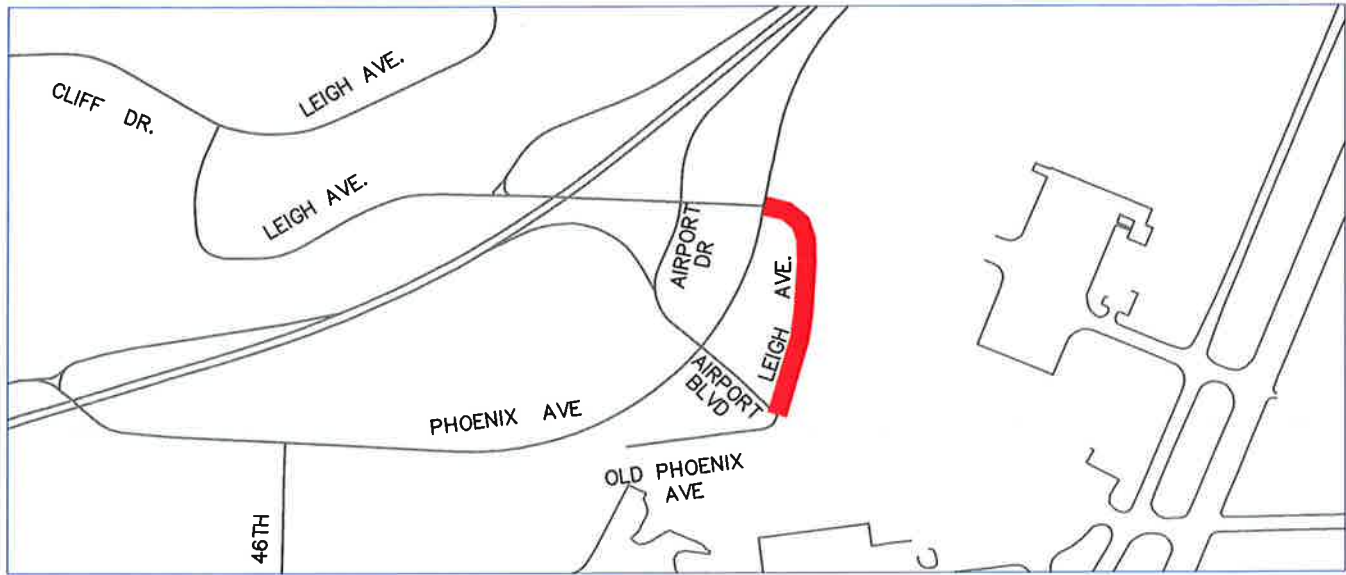
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2015 CAPITAL IMPROVEMENTS PROGRAM
STREET OVERLAYS/RECONSTRUCTION



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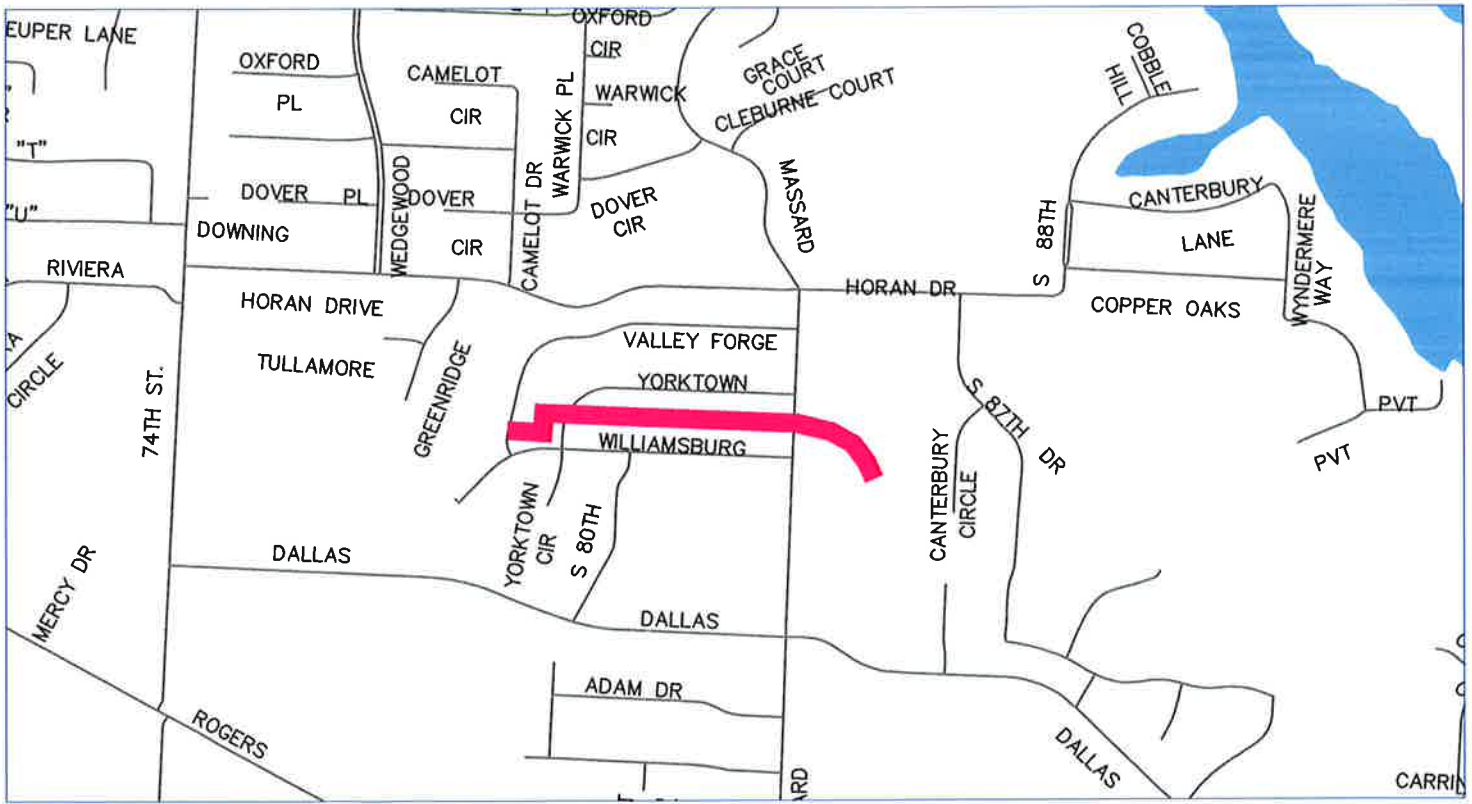
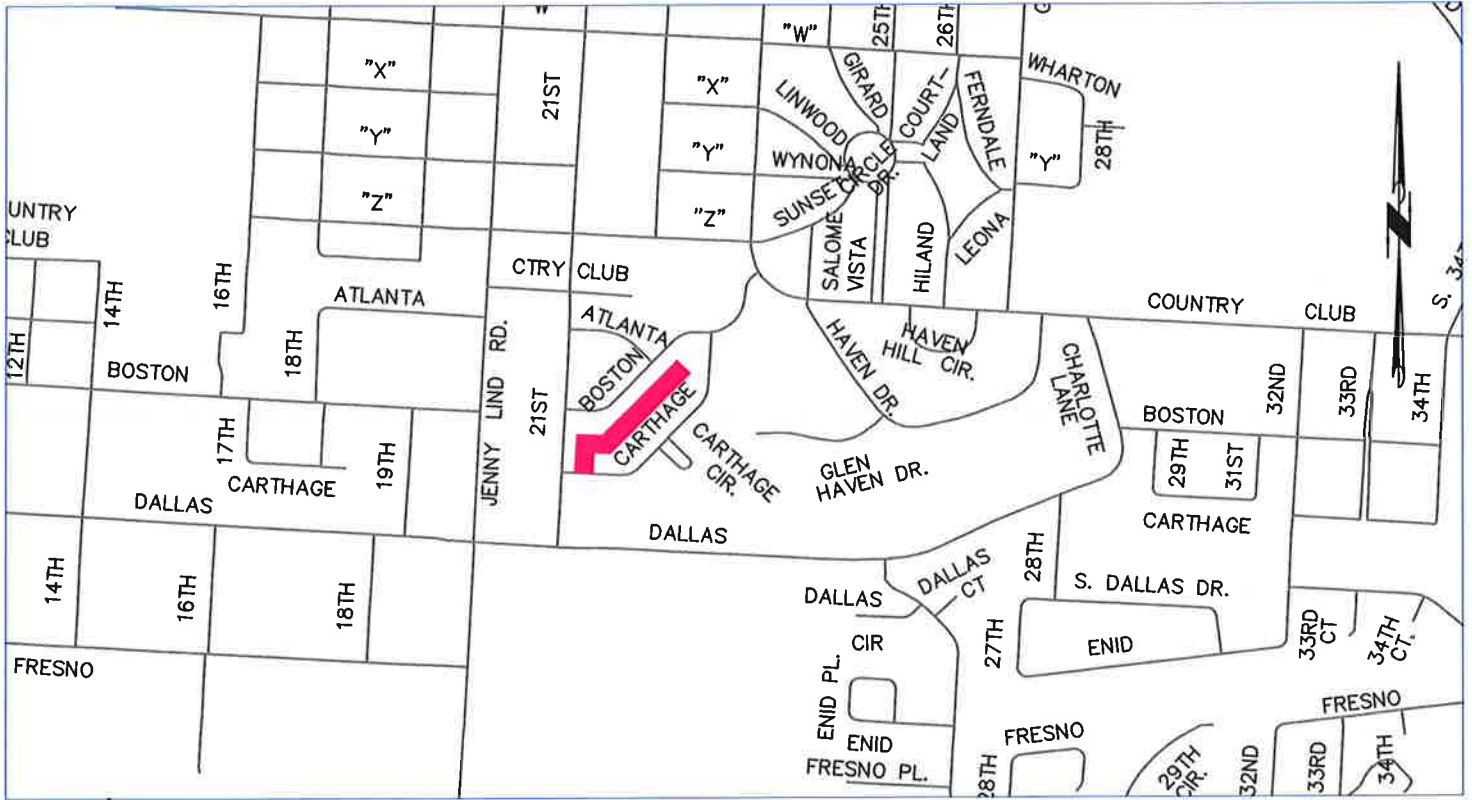
2015 CAPITAL IMPROVEMENTS PROGRAM
STREET OVERLAYS/RECONSTRUCTION



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2015 Neighborhood Drainage Projects

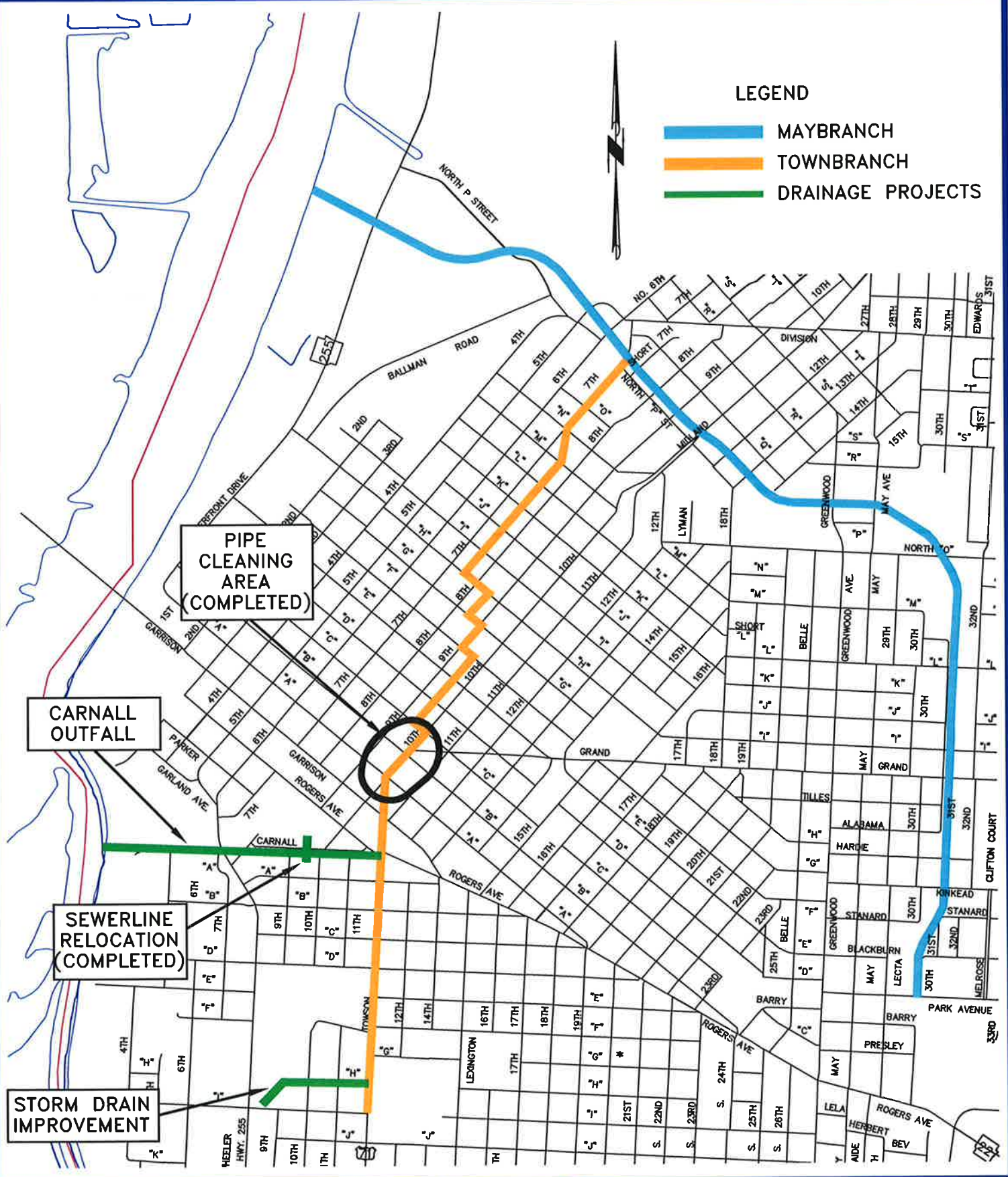
Project		Estimated Cost
Wycklow Addition Drainage Channel Improvements	\$	800,000
<p>This project will replace an existing earthen ditch located between Yorktown Road and Williamsburg Road with a new concrete channel. This project also includes replacement of undersized culverts under Massard Road and the construction of upstream storm drain improvements between Yorktown Road and Valley Forge Road. Two houses are experiencing flooding in this area, one pool is regularly flooded, severe street and yard flooding is occurring, one retaining wall has failed, and the existing earthen ditch is a maintenance issue due to severe erosion and the lack of access (see page 10).</p>		
Country Club Terrace Drainage Channel Improvements	\$	500,000
<p>This project will replace an existing undersized concrete lined ditch located east of South 21st Street between Boston Street and Carthage Street with a new concrete channel. One house is experiencing flooding in this area, and severe street and yard flooding are also occurring (see page 10).</p>		
Total	\$	1,300,000



2015 CAPITAL IMPROVEMENTS PROGRAM
DRAINAGE IMPROVEMENTS



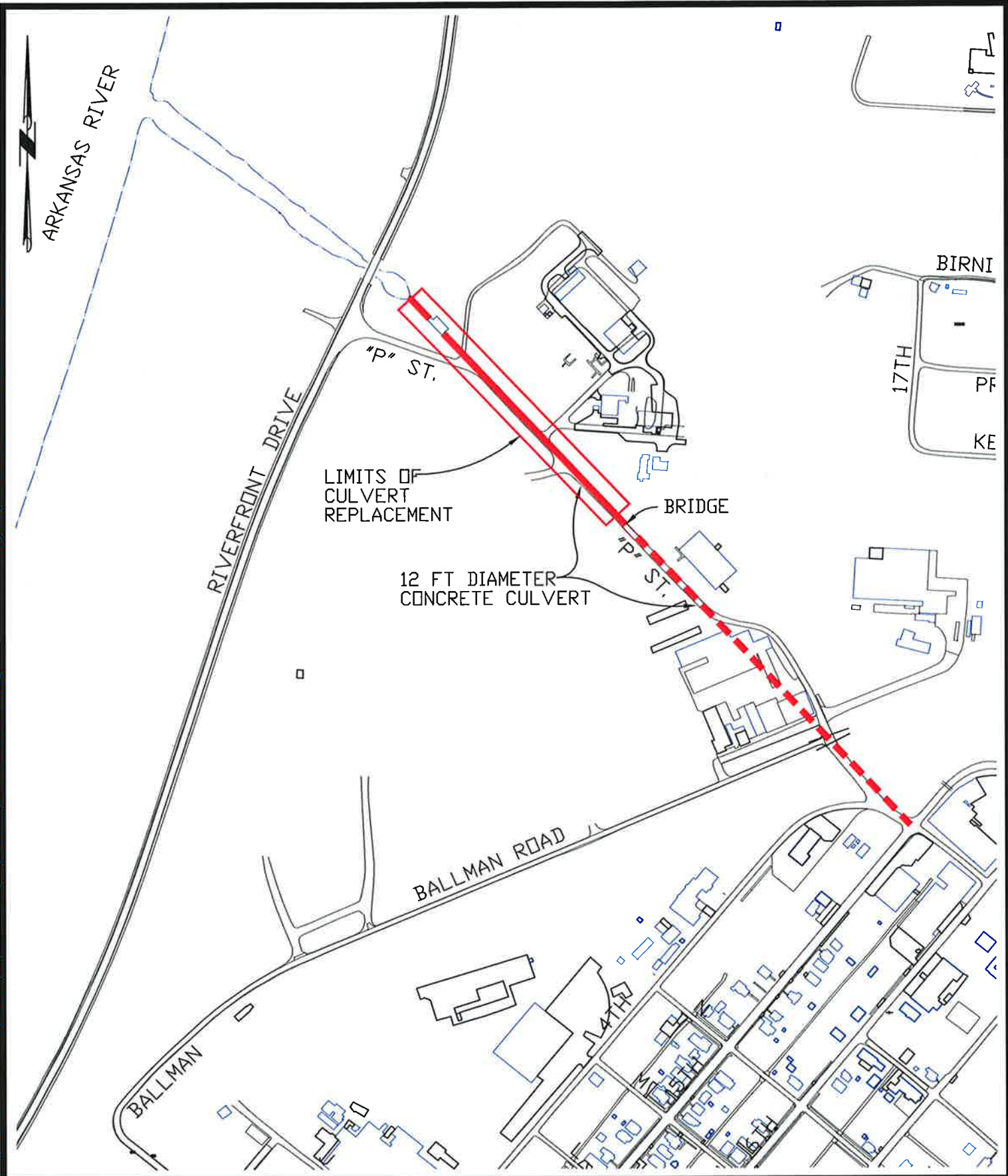
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2015 CAPITAL IMPROVEMENTS PROGRAM
 DRAINAGE IMPROVEMENTS
 MAYBRANCH & TOWN BRANCH



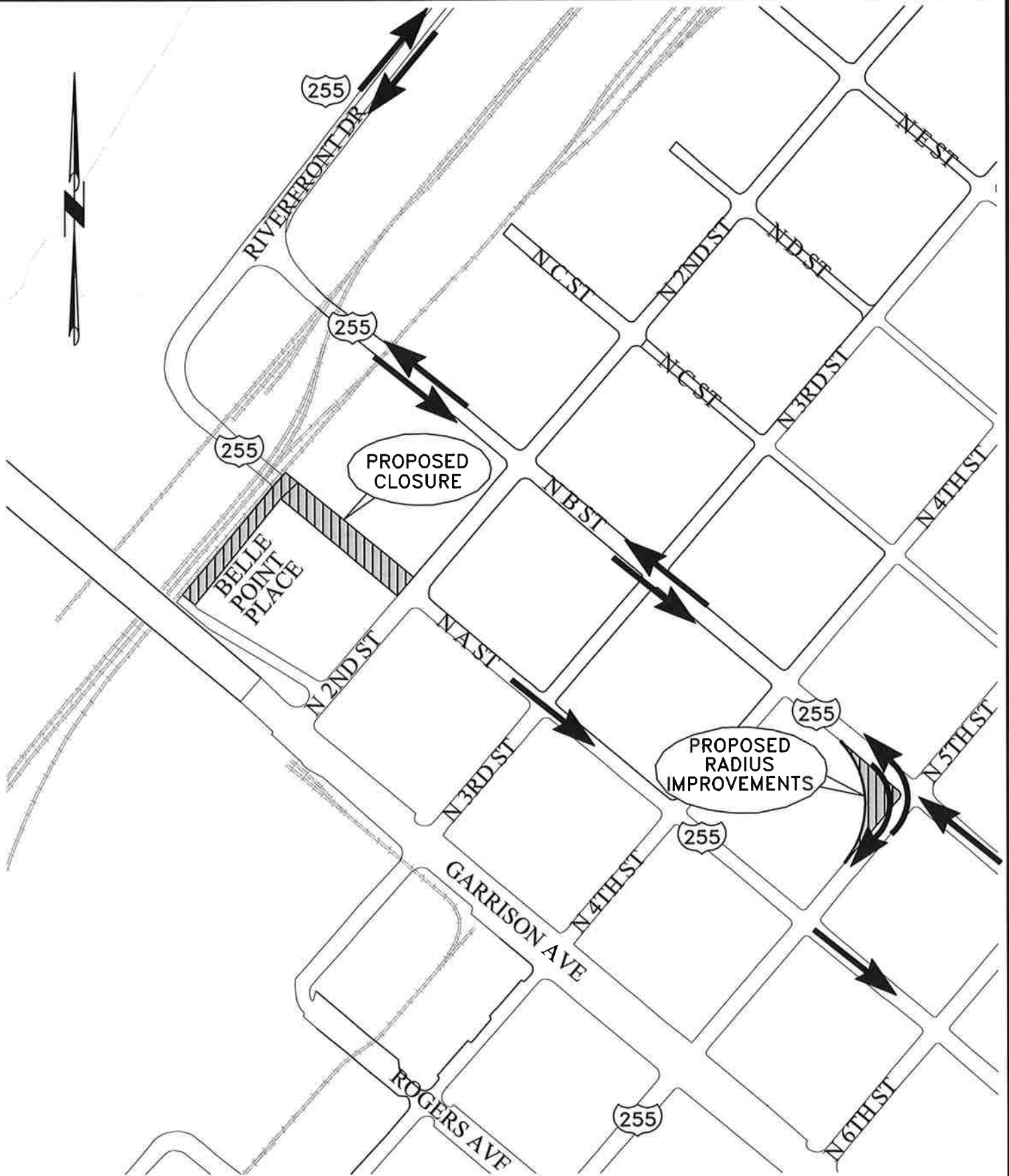
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2015 CAPITAL IMPROVEMENTS PROGRAM
MAYBRANCH OUTFALL
CULVERT REPLACEMENT



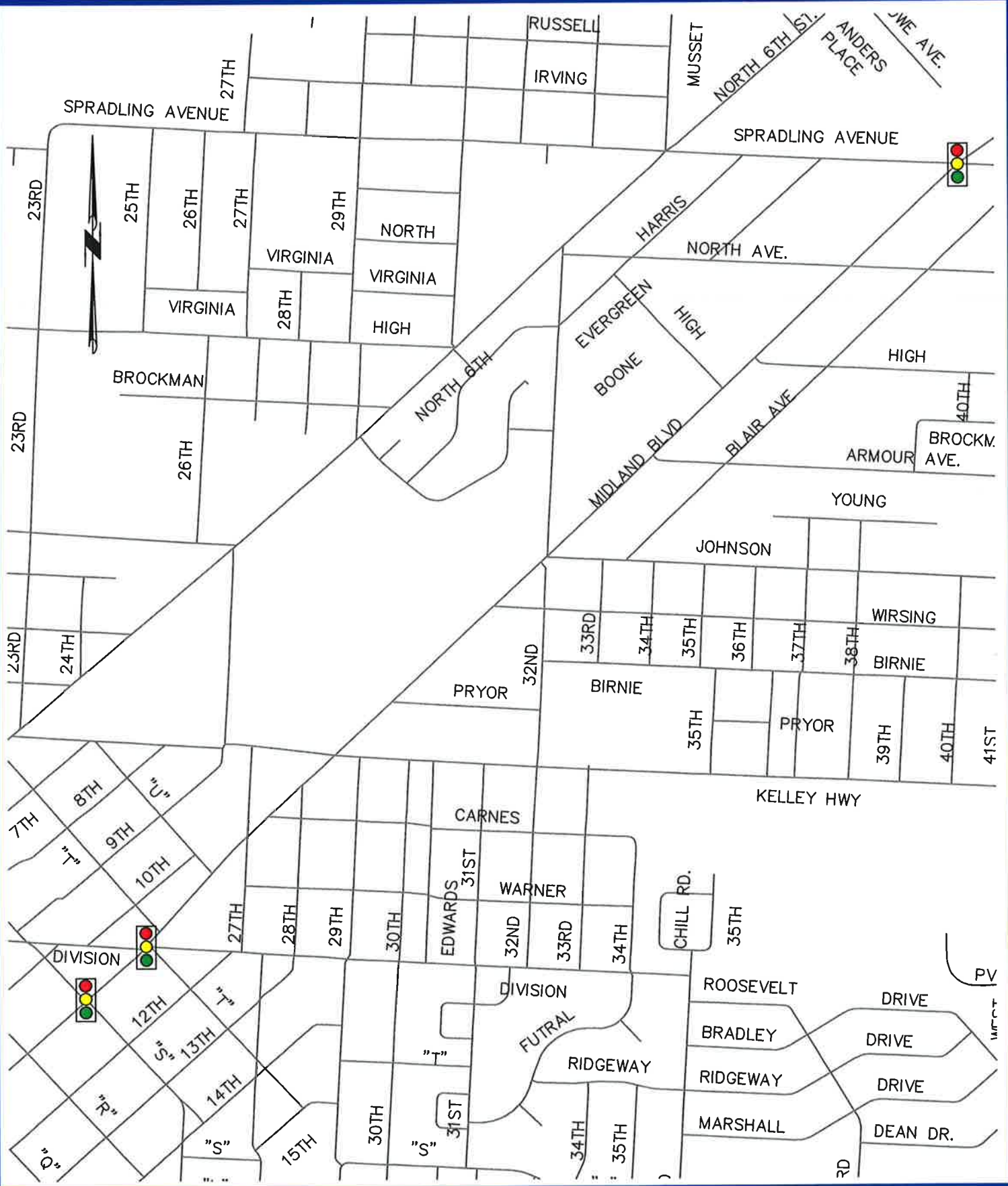
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2015 CAPITAL IMPROVEMENT PROGRAM
 NORTH B TRUCK ROUTE
 FORT SMITH, ARKANSAS



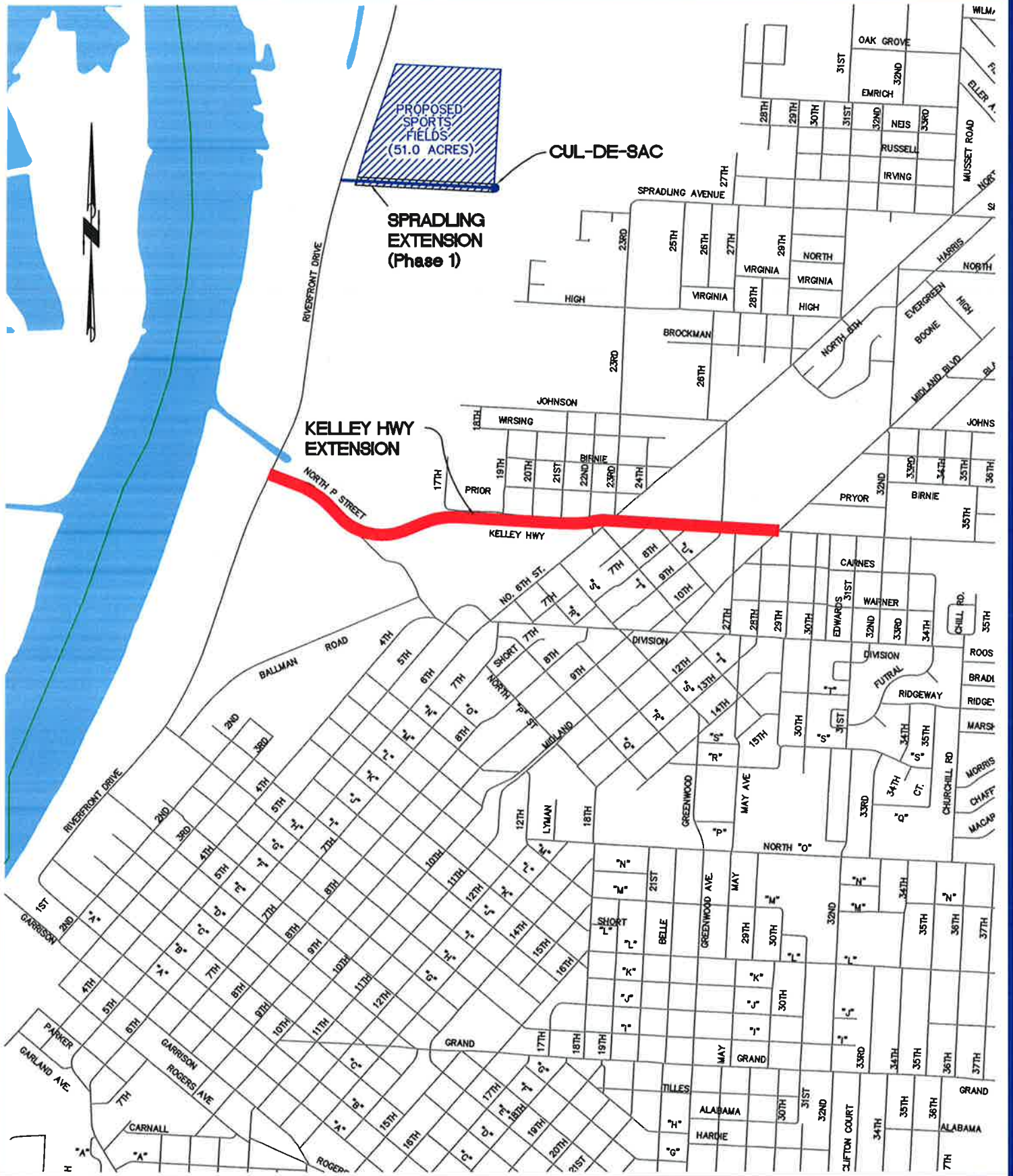
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2015 CAPITAL IMPROVEMENTS PROGRAM
SIGNAL IMPROVEMENTS



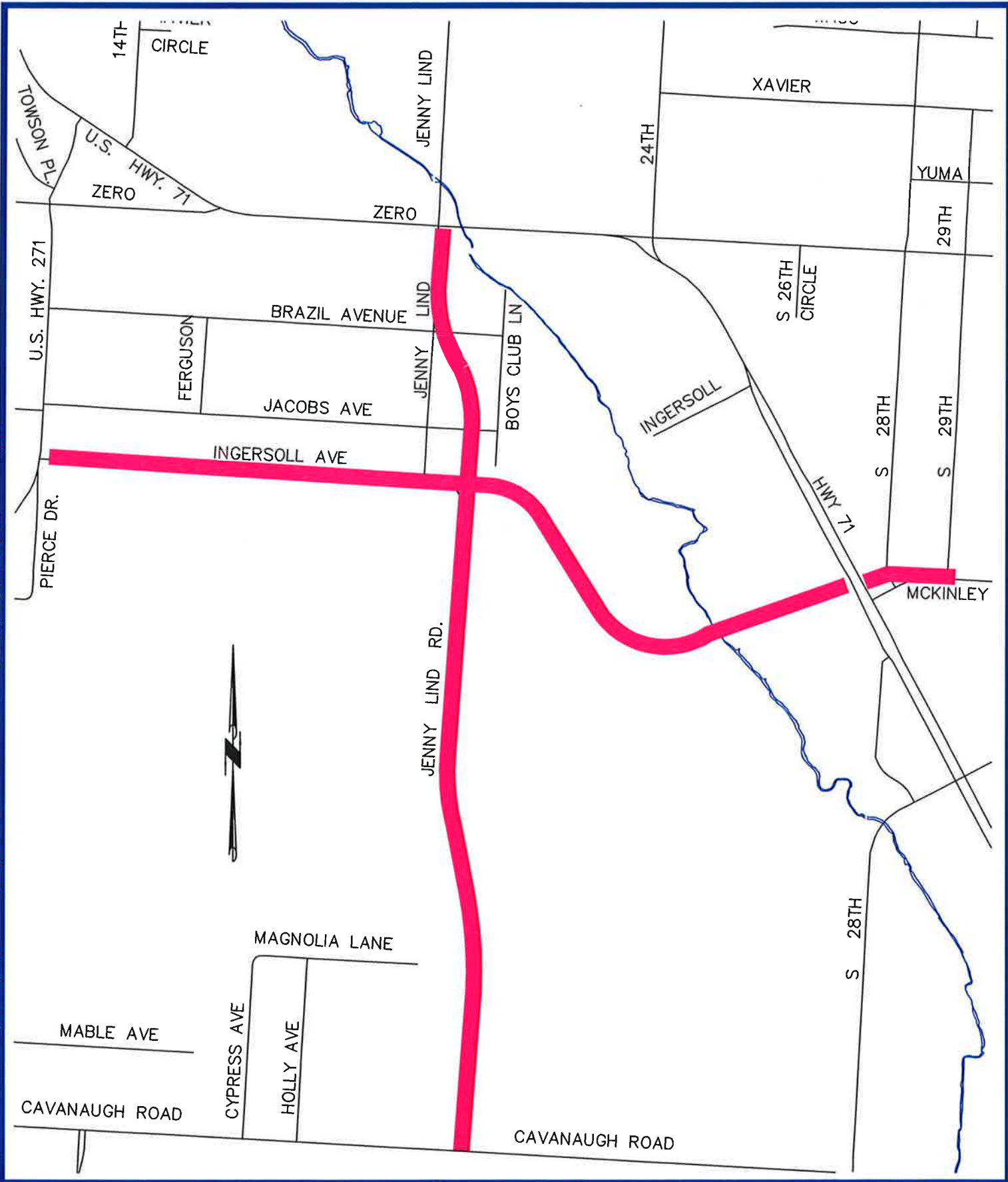
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2015 CAPITAL IMPROVEMENTS PROGRAM
 SPRADLING AVENUE AND
 KELLEY HWY EXTENSIONS



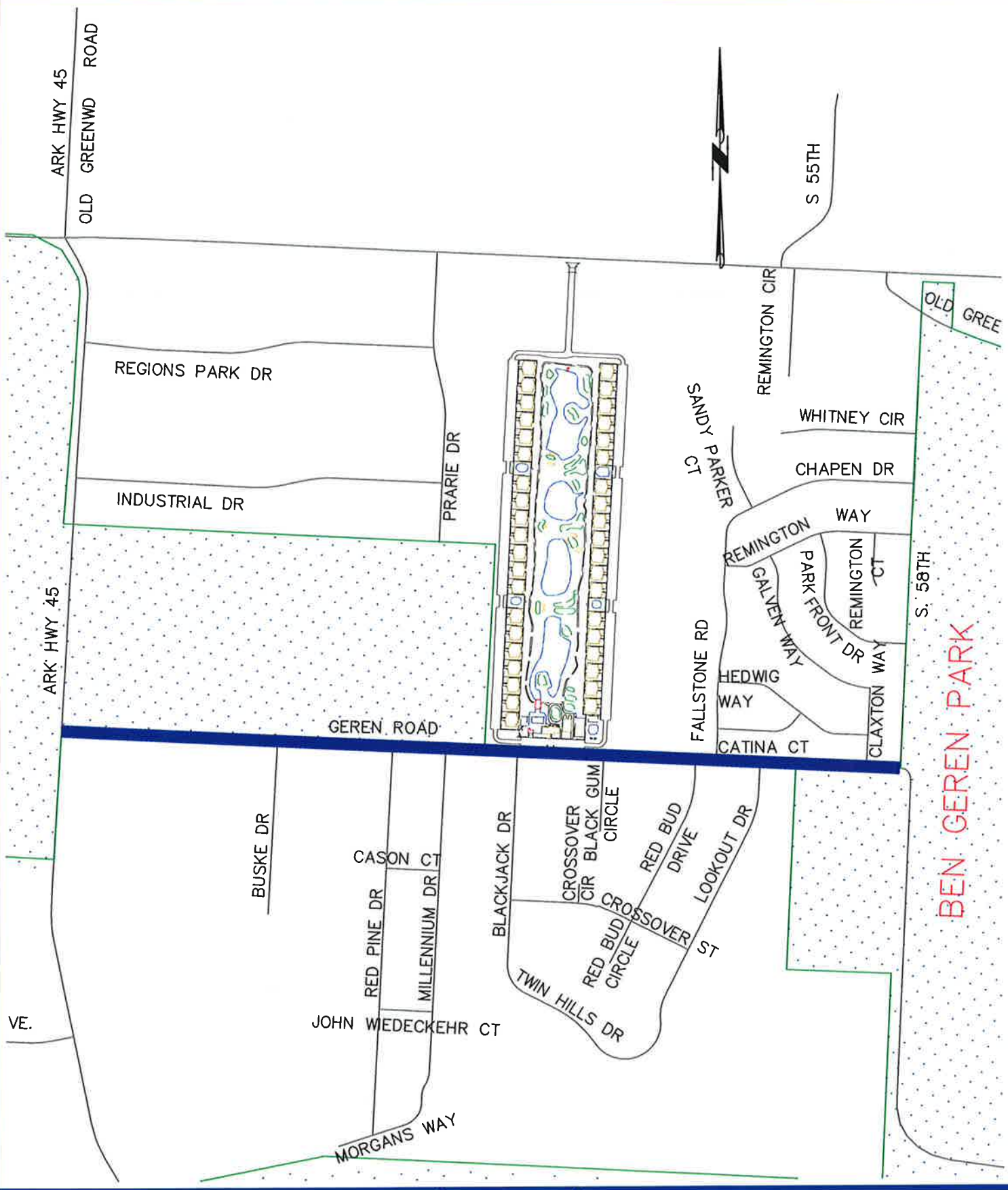
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2015 CAPITAL IMPROVEMENTS PROGRAM
 JENNY LIND
 ZERO STREET TO CAVANAUGH ROAD



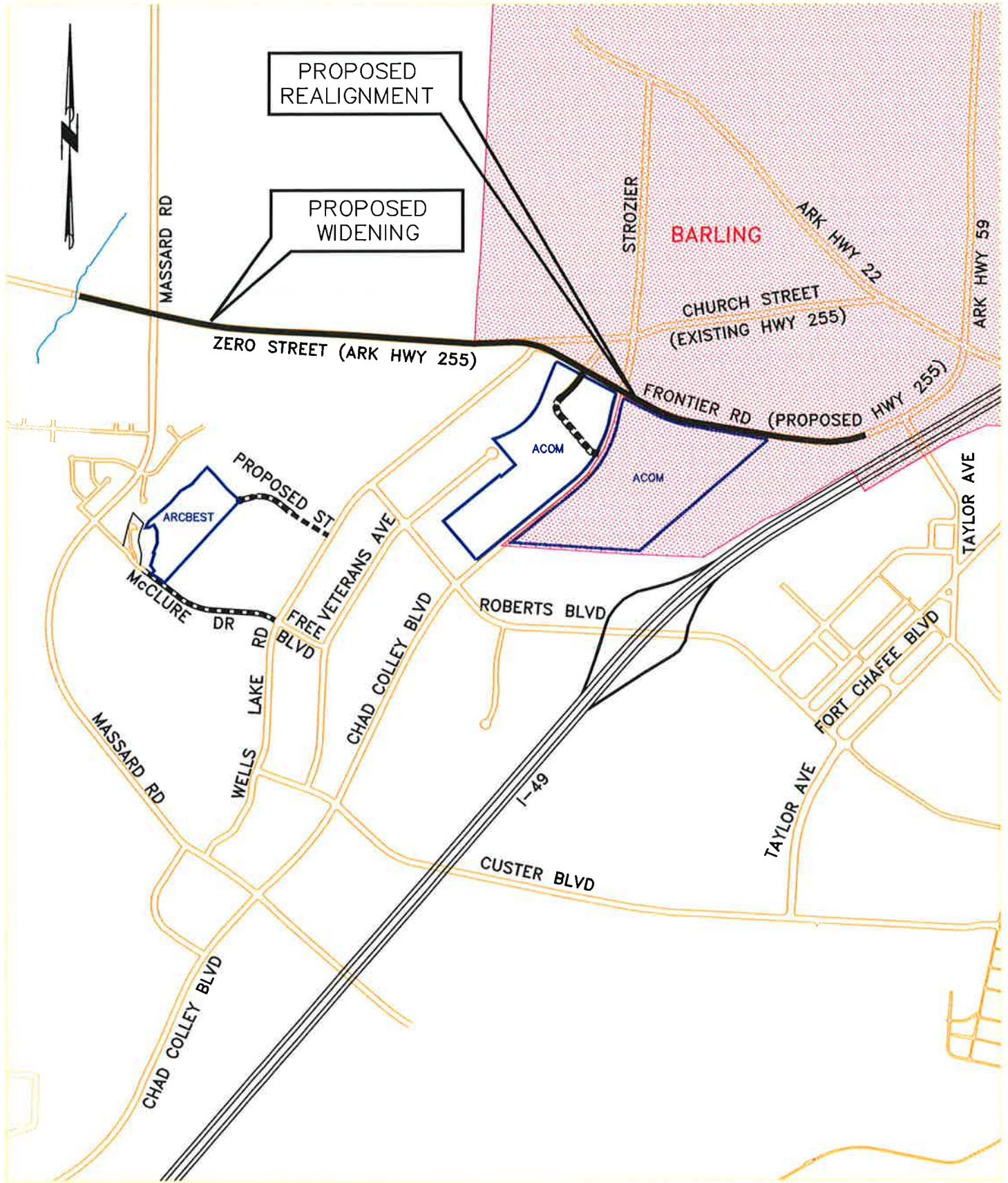
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GEREN RD RECONSTRUCTION



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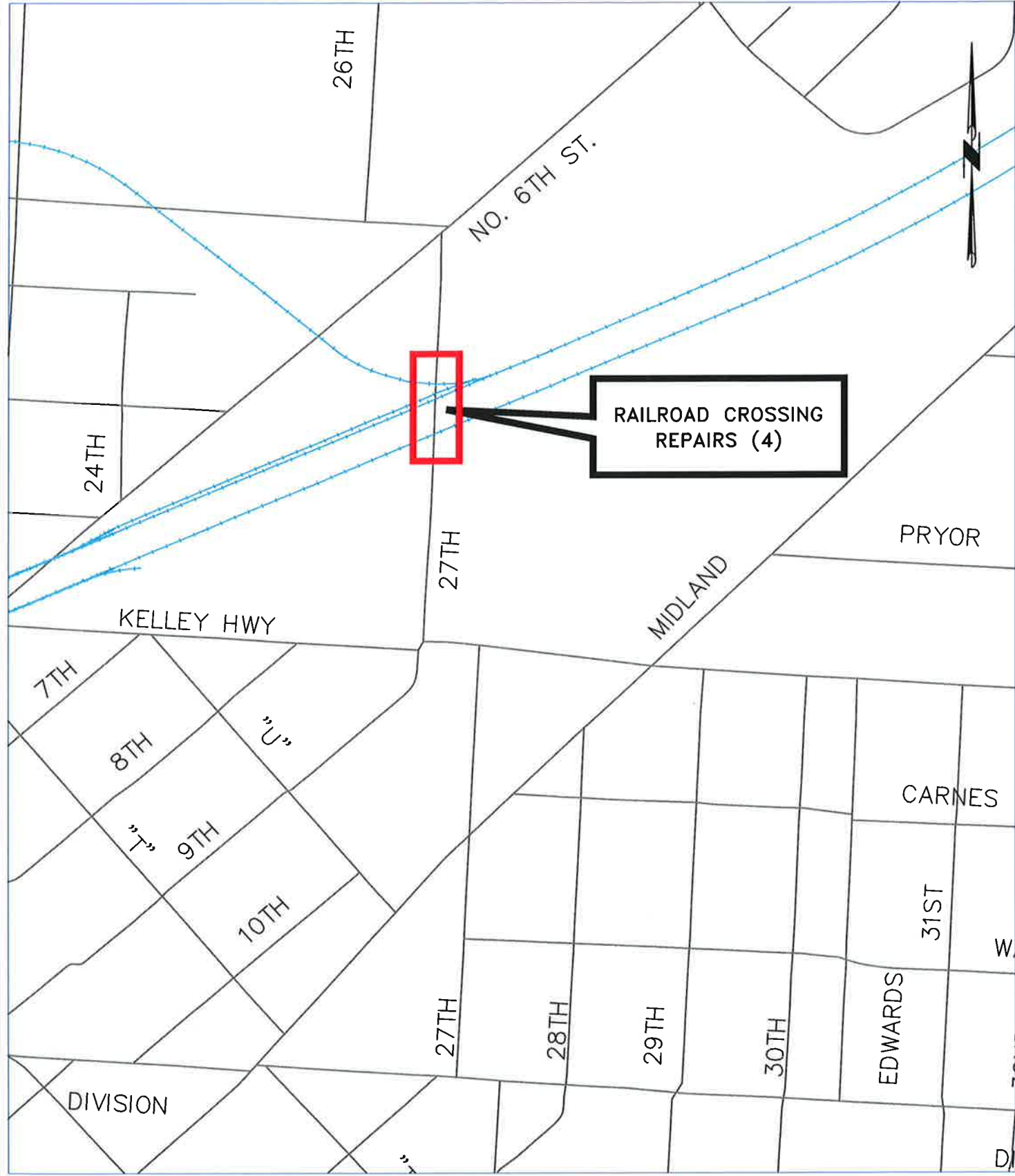


2015 CAPITAL IMPROVEMENTS PROGRAM
 ZERO STREET (ARK HWY 255)
 IMPROVEMENTS



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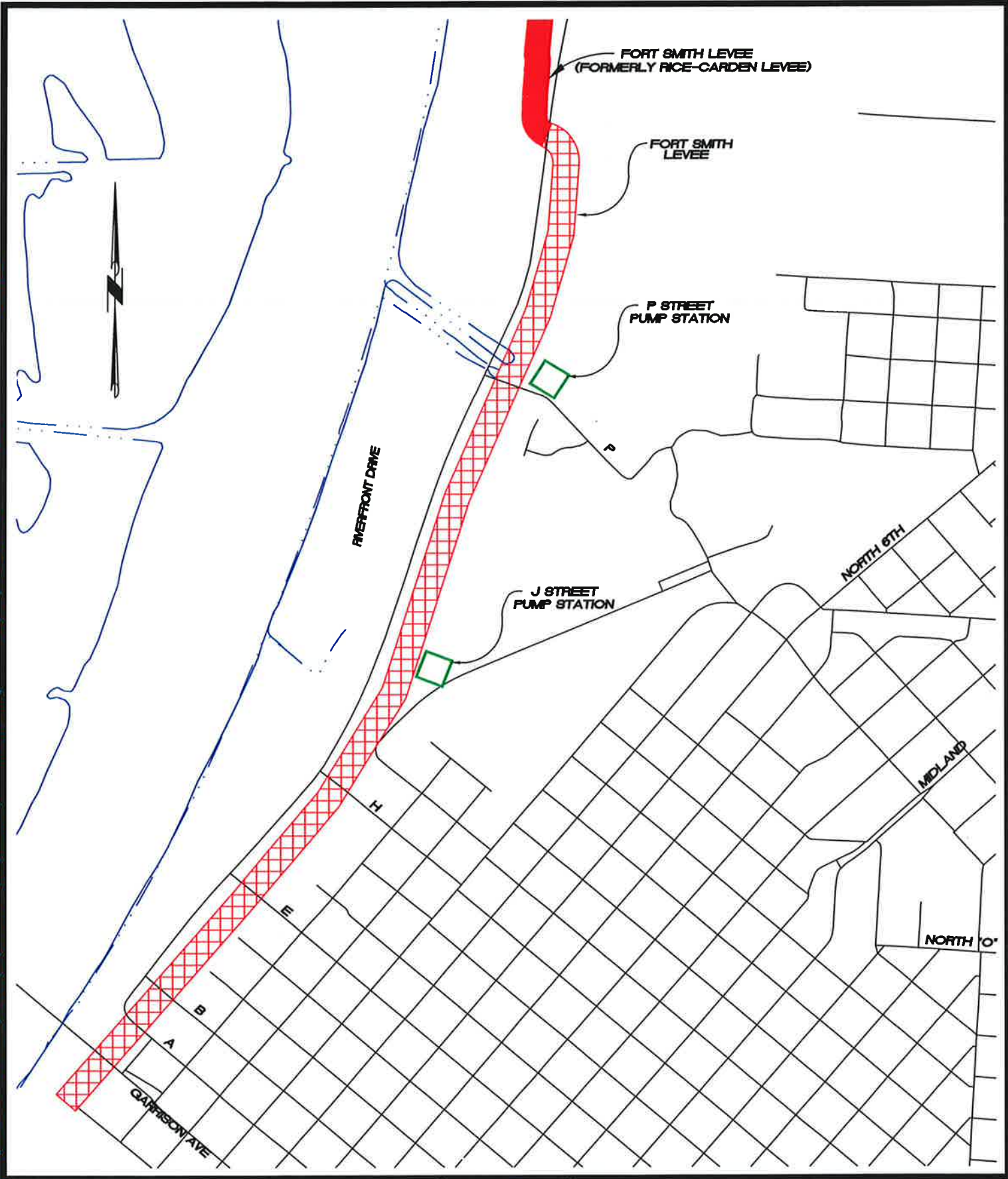
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2015 CAPITAL IMPROVEMENTS PROGRAM
RAILROAD CROSSING IMPROVEMENTS



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2015 CAPITAL IMPROVEMENTS PROGRAM
LEVEE CERTIFICATION & REPAIR
FORT SMITH, ARKANSAS

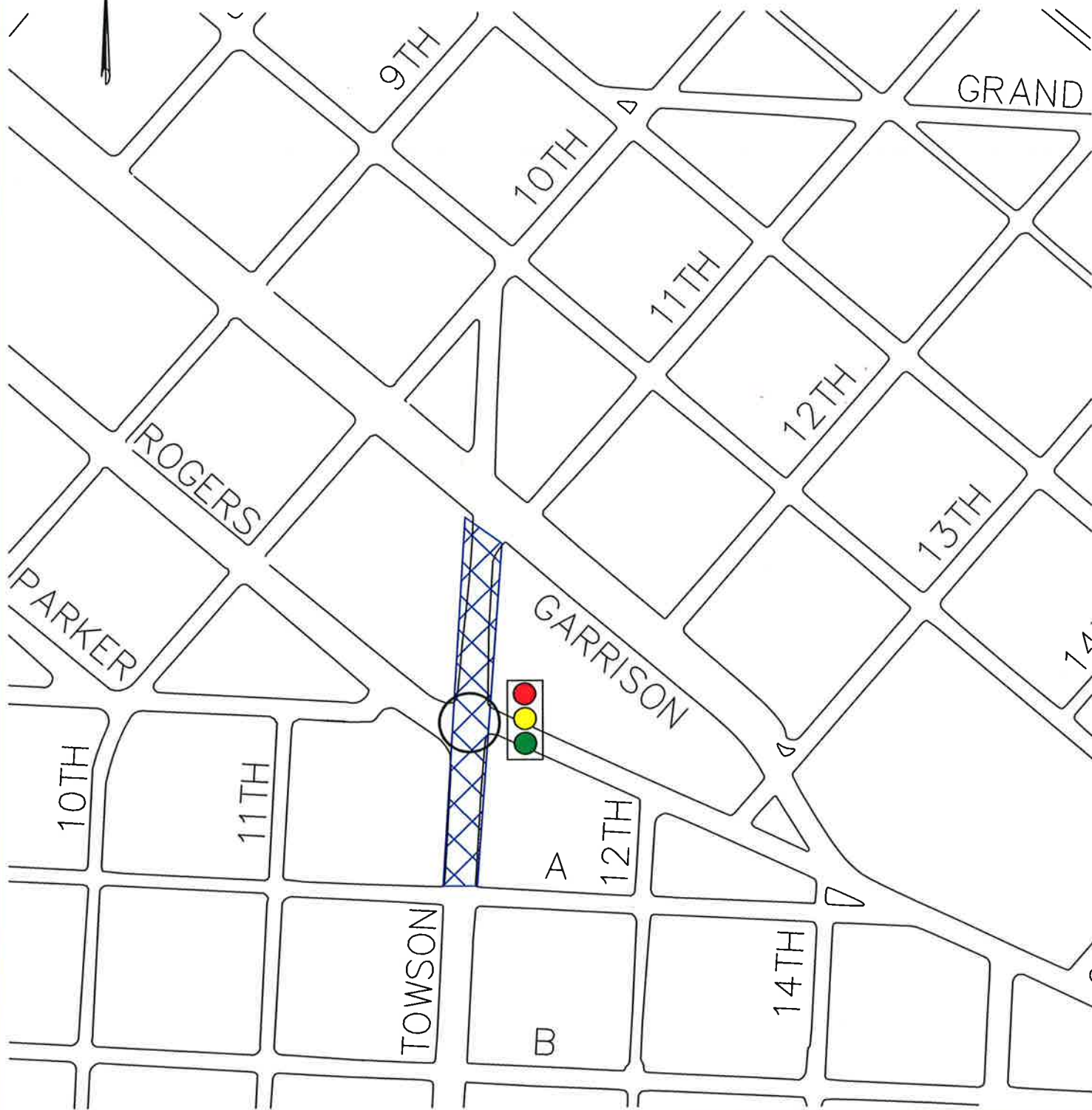


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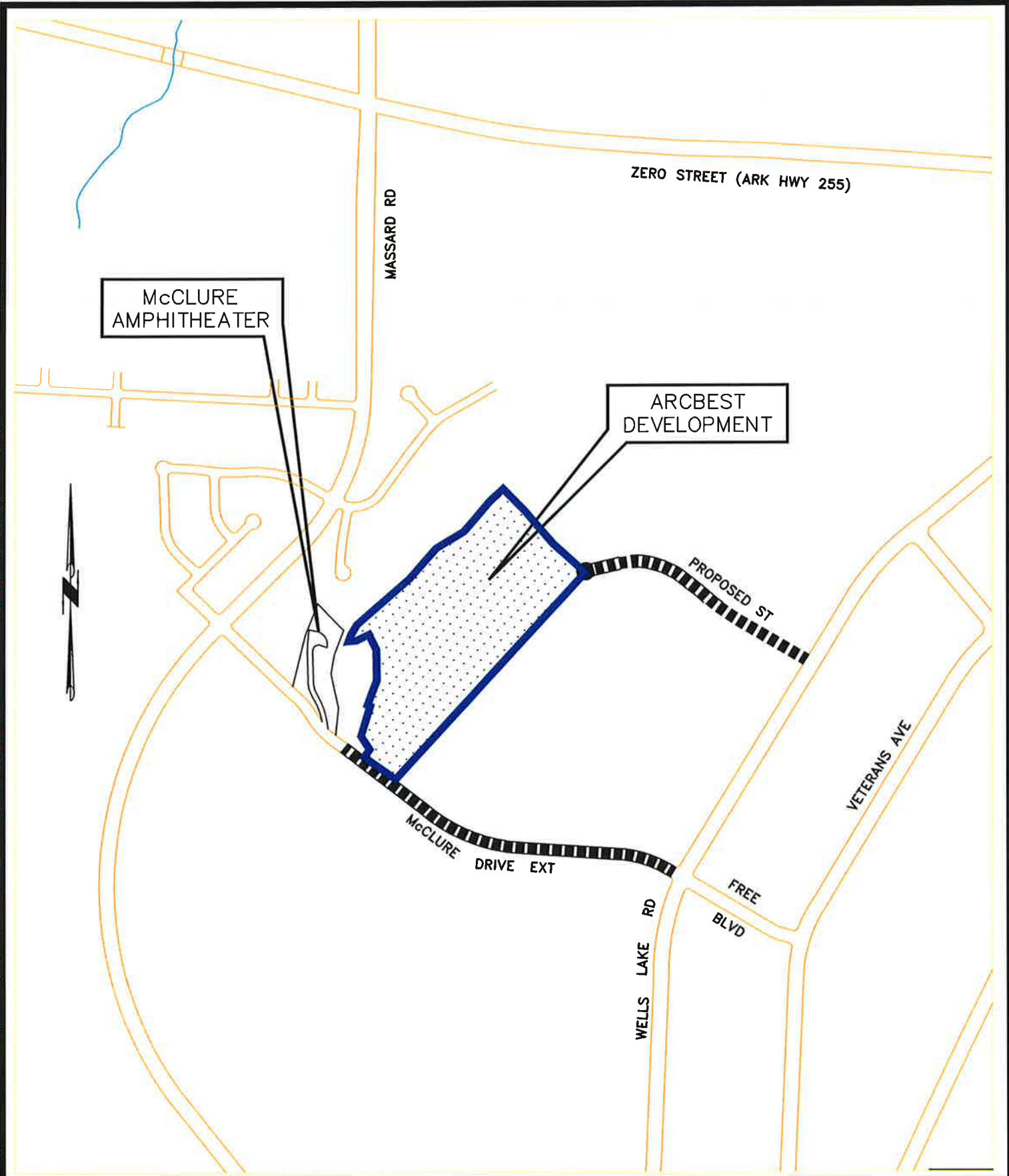
TOWSON STREETScape PROJECT



TOWSON STREETScape
FORT SMITH, ARKANSAS



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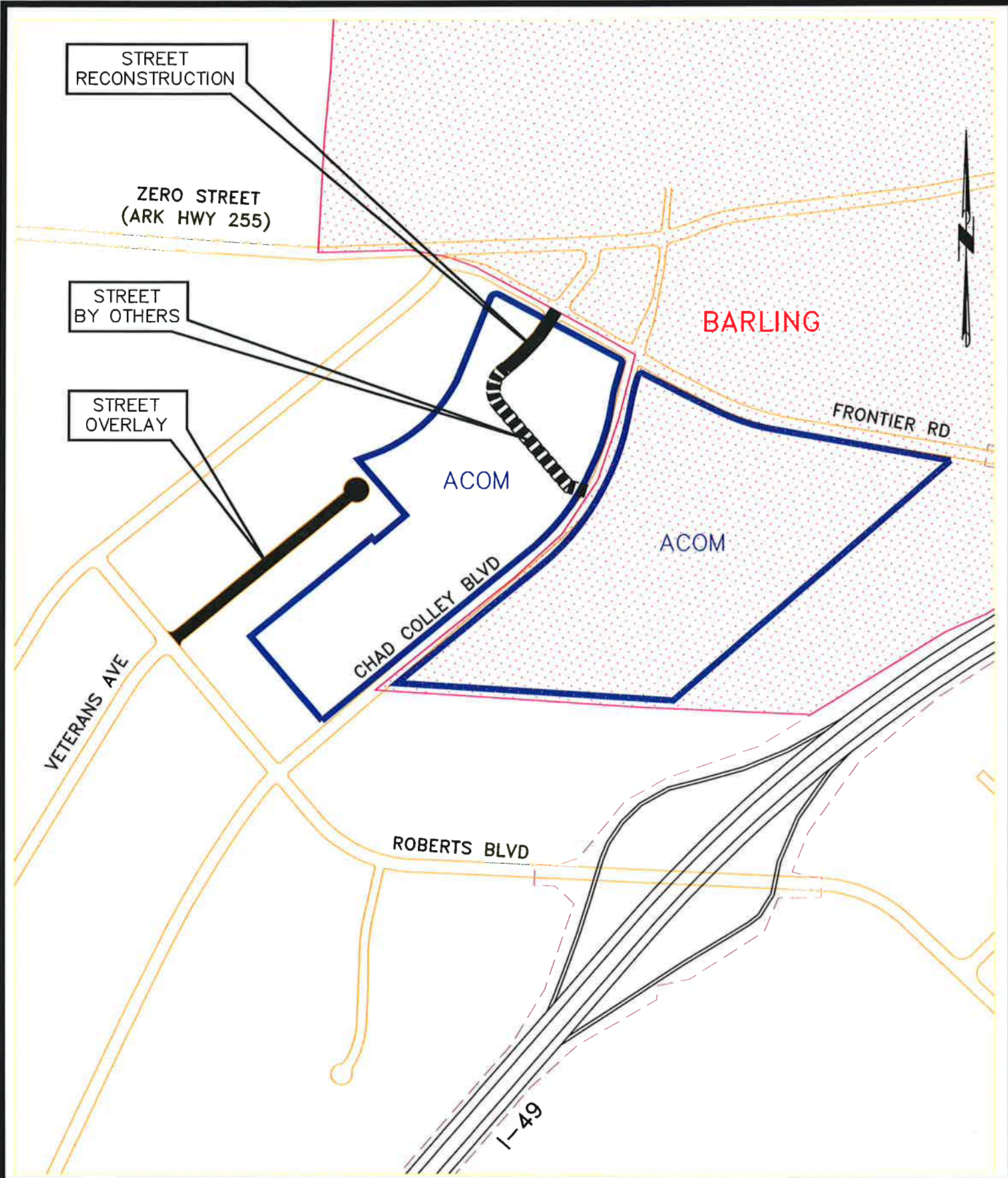


2015 CAPITAL IMPROVEMENTS PROGRAM
FCRA DEVELOPMENT



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2015 CAPITAL IMPROVEMENTS PROGRAM
FCRA DEVELOPMENT



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