

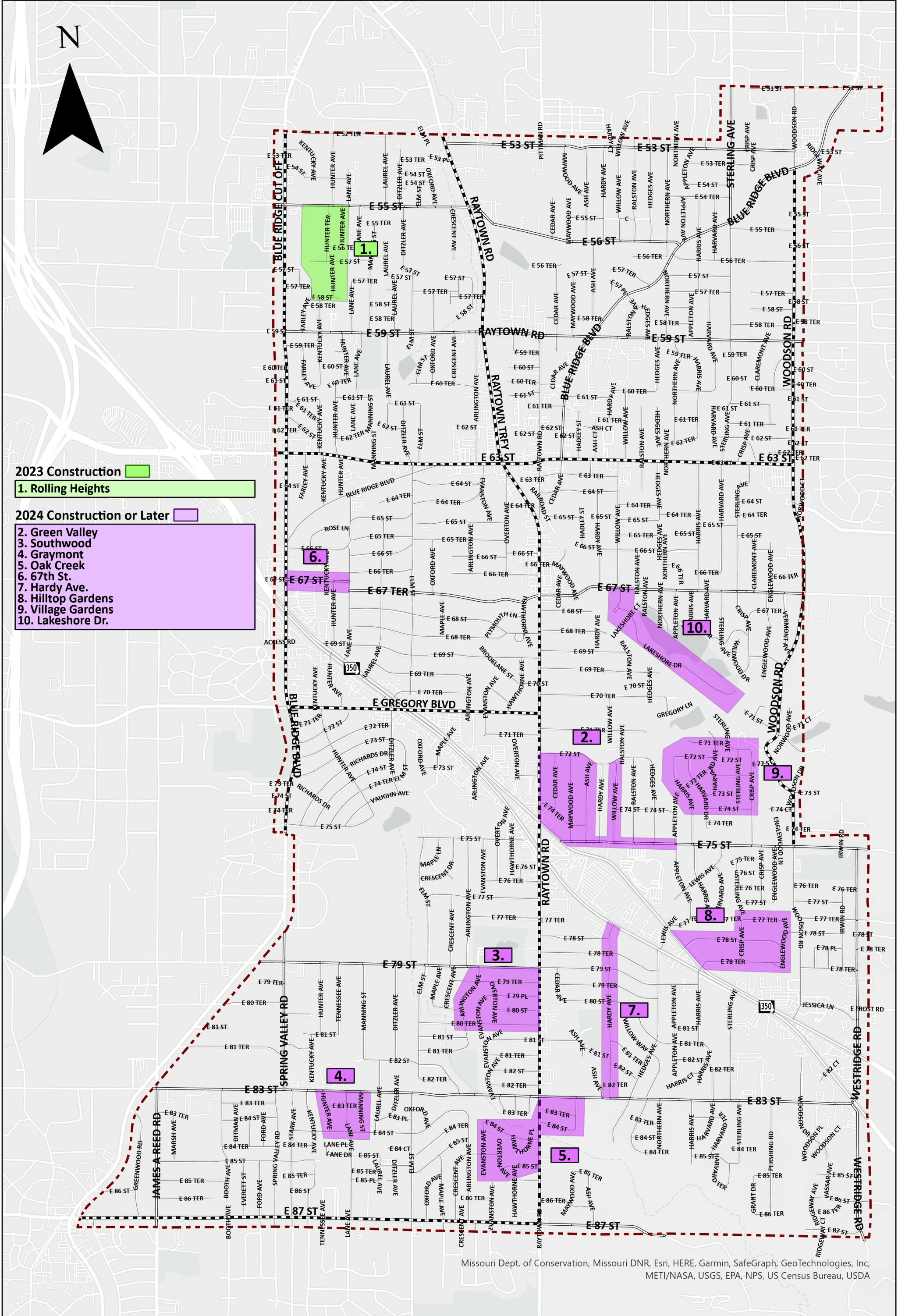
2022 – 2023



Capital Improvement Projects



- 2023 Construction** █
- 1. Rolling Heights**
-
- 2024 Construction or Later** █
- 2. Green Valley
 - 3. Southwood
 - 4. Graymont
 - 5. Oak Creek
 - 6. 67th St.
 - 7. Hardy Ave.
 - 8. Hilltop Gardens
 - 9. Village Gardens
 - 10. Lakeshore Dr.



Missouri Dept. of Conservation, Missouri DNR, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA



RAYTOWN NEIGHBORHOOD STREET RECONSTRUCTION CAPITAL IMPROVEMENT PLAN



2025 Construction 

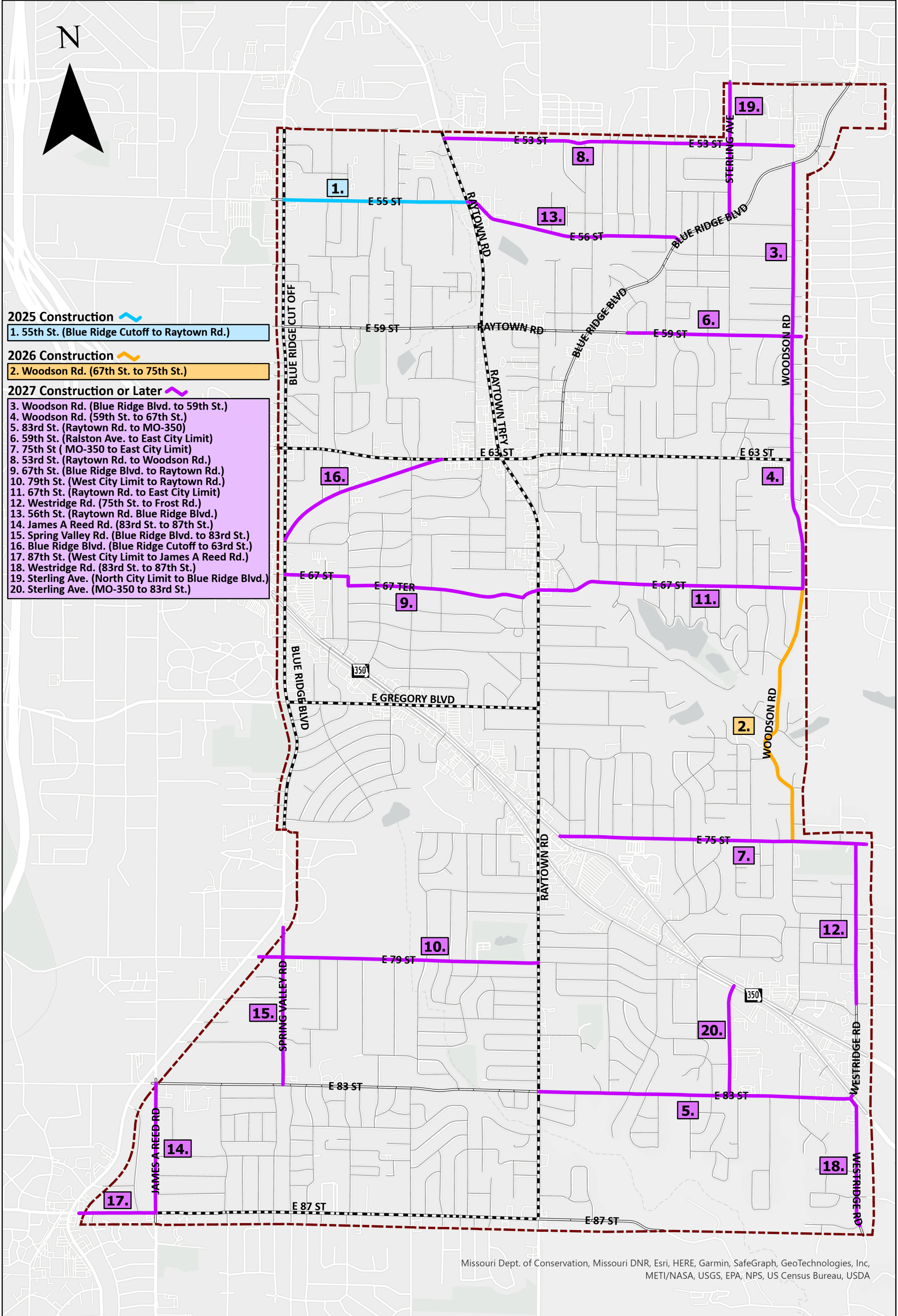
- 1. 55th St. (Blue Ridge Cutoff to Raytown Rd.)

2026 Construction 

- 2. Woodson Rd. (67th St. to 75th St.)

2027 Construction or Later 

- 3. Woodson Rd. (Blue Ridge Blvd. to 59th St.)
- 4. Woodson Rd. (59th St. to 67th St.)
- 5. 83rd St. (Raytown Rd. to MO-350)
- 6. 59th St. (Ralston Ave. to East City Limit)
- 7. 75th St. (MO-350 to East City Limit)
- 8. 53rd St. (Raytown Rd. to Woodson Rd.)
- 9. 67th St. (Blue Ridge Blvd. to Raytown Rd.)
- 10. 79th St. (West City Limit to Raytown Rd.)
- 11. 67th St. (Raytown Rd. to East City Limit)
- 12. Westridge Rd. (75th St. to Frost Rd.)
- 13. 56th St. (Raytown Rd. Blue Ridge Blvd.)
- 14. James A Reed Rd. (83rd St. to 87th St.)
- 15. Spring Valley Rd. (Blue Ridge Blvd. to 83rd St.)
- 16. Blue Ridge Blvd. (Blue Ridge Cutoff to 63rd St.)
- 17. 87th St. (West City Limit to James A Reed Rd.)
- 18. Westridge Rd. (83rd St. to 87th St.)
- 19. Sterling Ave. (North City Limit to Blue Ridge Blvd.)
- 20. Sterling Ave. (MO-350 to 83rd St.)



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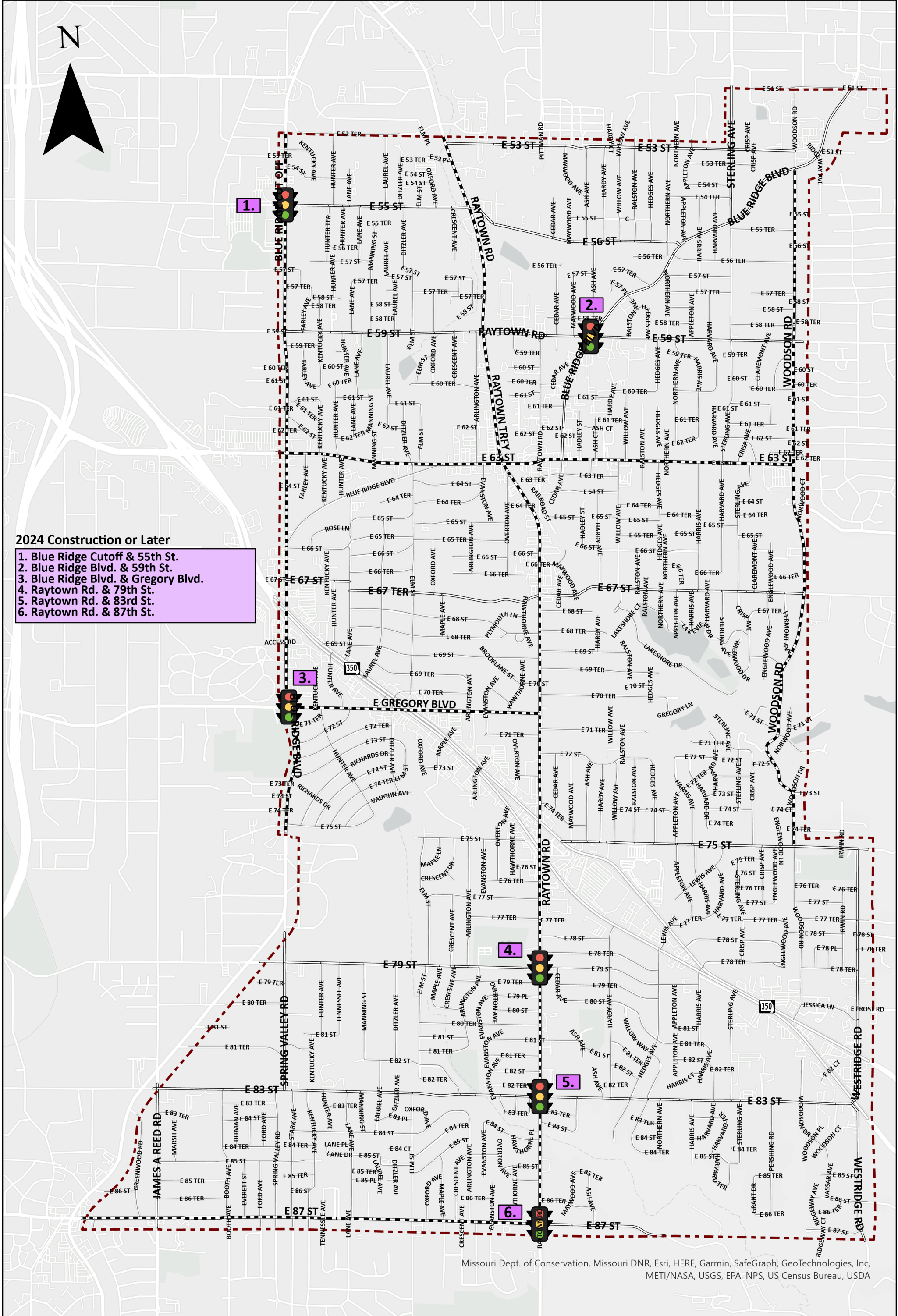


RAYTOWN STREETS CAPITAL IMPROVEMENT PLAN



2024 Construction or Later

- 1. Blue Ridge Cutoff & 55th St.
- 2. Blue Ridge Blvd. & 59th St.
- 3. Blue Ridge Blvd. & Gregory Blvd.
- 4. Raytown Rd. & 79th St.
- 5. Raytown Rd. & 83rd St.
- 6. Raytown Rd. & 87th St.



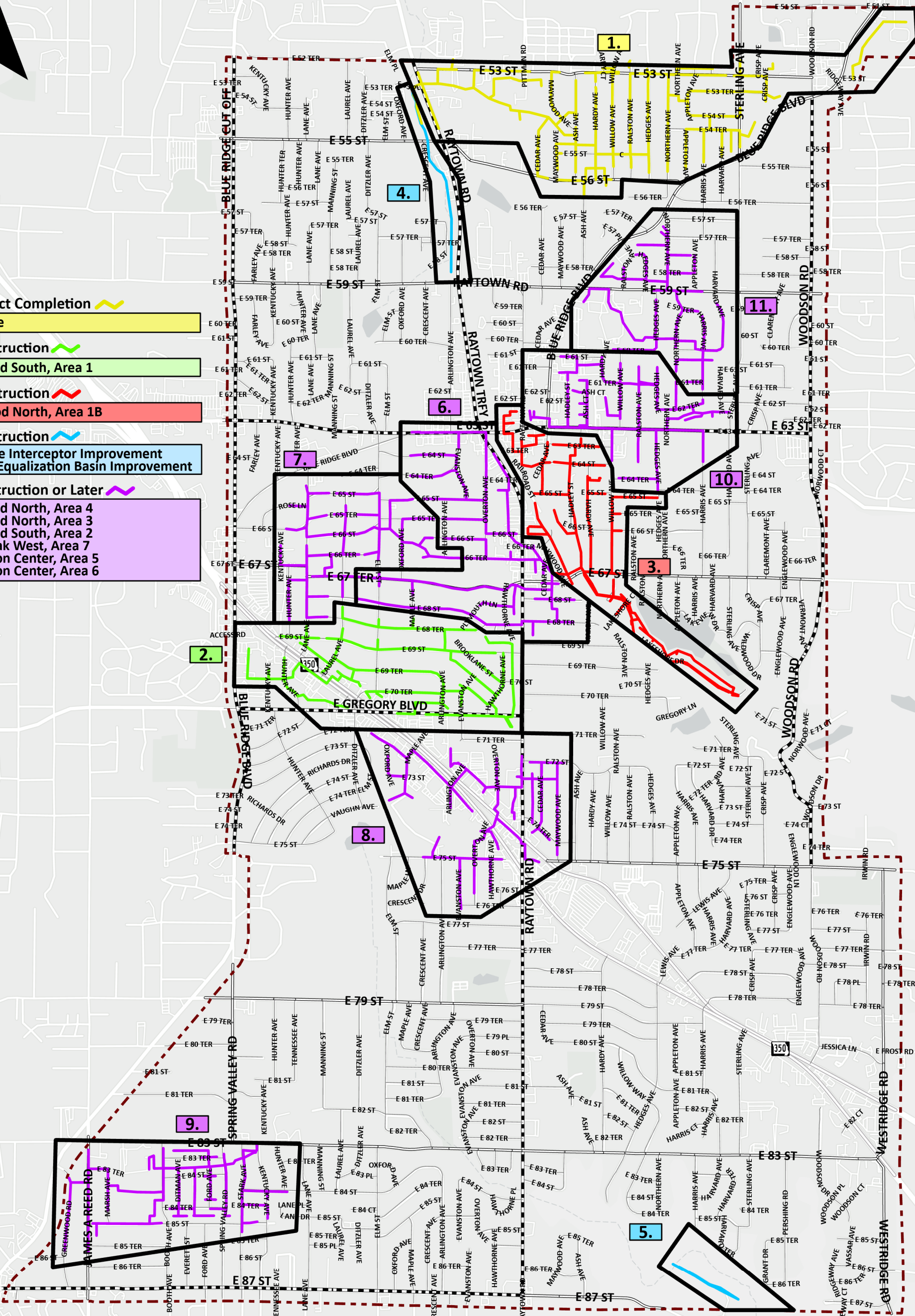
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RAYTOWN INTERSECTIONS CAPITAL IMPROVEMENT PLAN



- 2022 Project Completion**
- 1. Park Lane
- 2023 Construction**
- 2. Wildwood South, Area 1
- 2024 Construction**
- 3. Wildwood North, Area 1B
- 2025 Construction**
- 4. Park Lane Interceptor Improvement
 - 5. 87th St. Equalization Basin Improvement
- 2026 Construction or Later**
- 6. Wildwood North, Area 4
 - 7. Wildwood North, Area 3
 - 8. Wildwood South, Area 2
 - 9. White Oak West, Area 7
 - 10. Woodson Center, Area 5
 - 11. Woodson Center, Area 6



Missouri Dept. of Conservation, Missouri DNR, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA



RAYTOWN STORM WATER CAPITAL IMPROVEMENT PLAN



2023 Construction

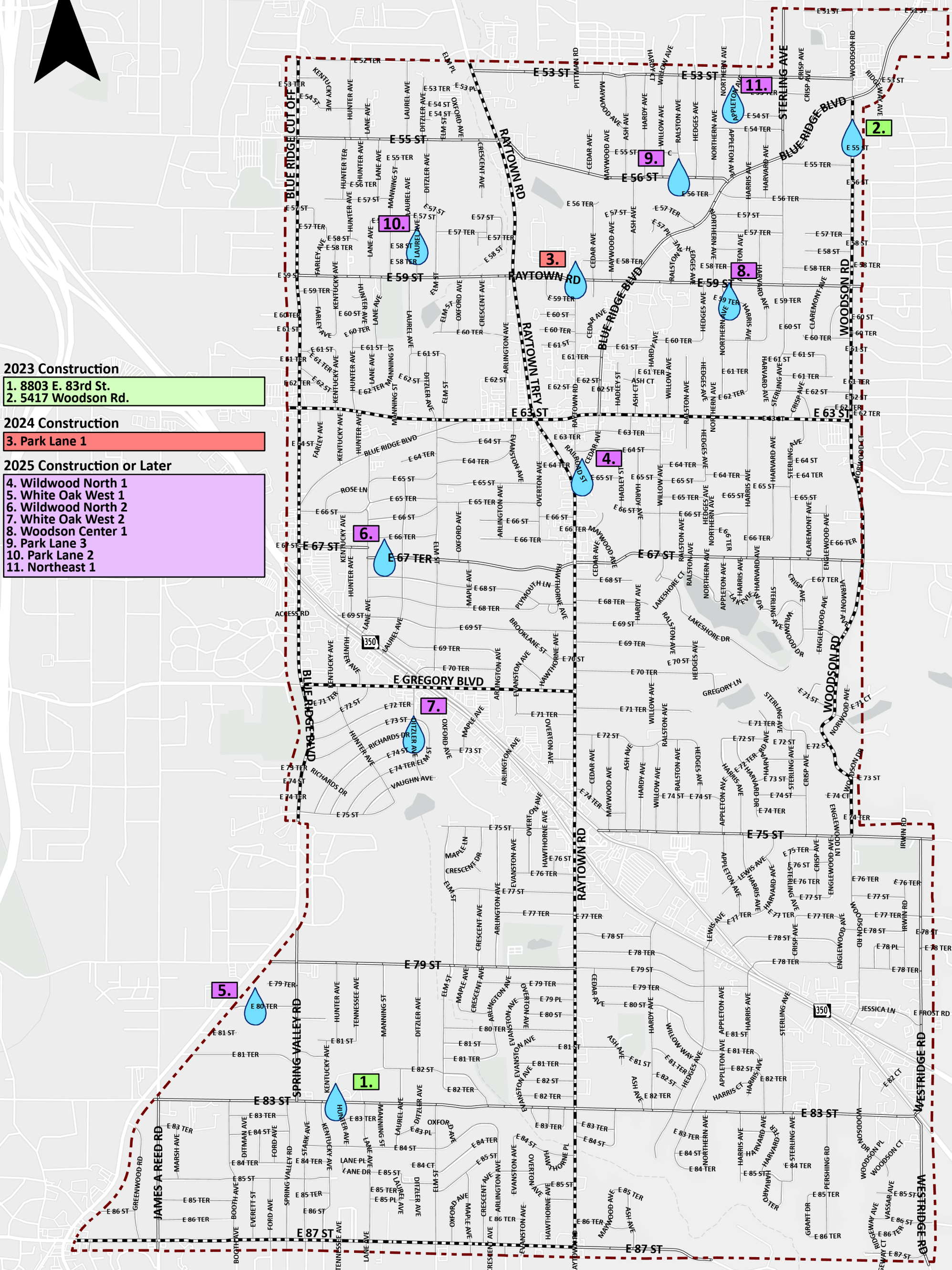
- 1. 8803 E. 83rd St.
- 2. 5417 Woodson Rd.

2024 Construction

- 3. Park Lane 1

2025 Construction or Later

- 4. Wildwood North 1
- 5. White Oak West 1
- 6. Wildwood North 2
- 7. White Oak West 2
- 8. Woodson Center 1
- 9. Park Lane 3
- 10. Park Lane 2
- 11. Northeast 1



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RAYTOWN STORM WATER CAPITAL IMPROVEMENT PLAN

Project	2023 Traffic Striping Program
Fund	Transportation Sales Tax
Budget Amount	\$65,000

Staff has selected several high-traffic streets across the city where the markings have worn away or are barely visible. The contractor will paint 4" white & yellow lane striping, bike lanes, crosswalks, stop bars, and arrows in order to make traffic patterns more clear, and improve safety for drivers, cyclists, and pedestrians.



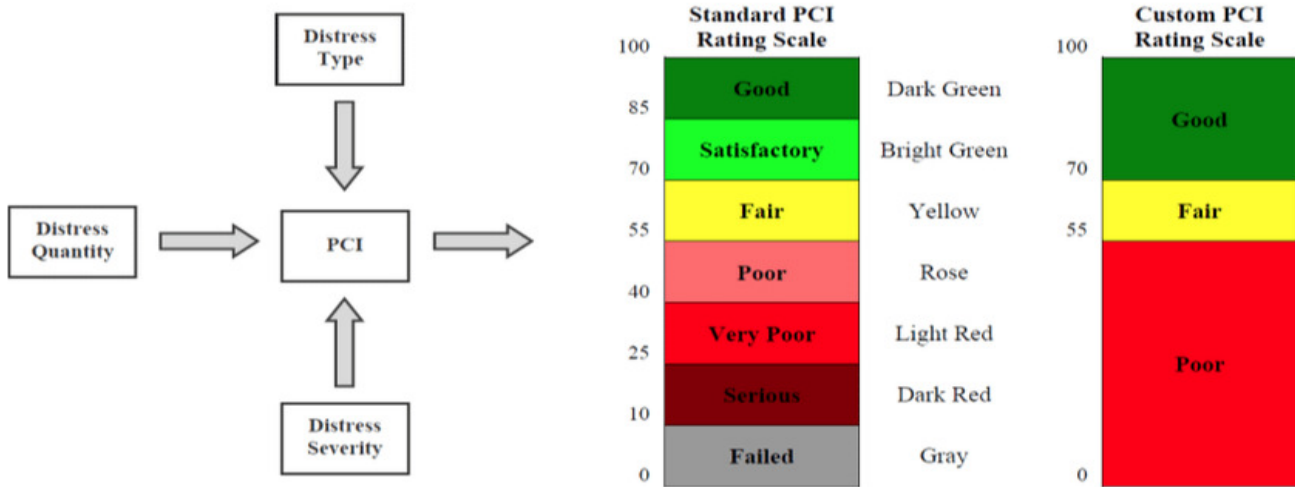
Project	2023 Crack Seal Program
Fund	Transportation Sales Tax
Budget Amount	\$120,000

Staff has selected several streets that are ideal candidates for crack sealing. These are streets that are currently structurally sound with cracks in the surface. Crack sealing these streets prevent further pavement defects and allows temporary life extensions of these streets until more substantial reconstruction or surface treatment is available.



Project 2023 Pavement Condition Assessment
 Fund Transportation Sales Tax
 Budget Amount \$60,000

Public Works will hire a contractor to drive and collect data on all public streets within city limits. After collection, the results will be compiled and city staff will receive a comprehensive report of the streets' conditions and recommended maintenance. Based on this report, Public Works can more accurately plan and budget for future street maintenance projects. 5 years has passed since our last pavement condition assessment.



Project	2023 Asphalt Surface & Base Repairs
Fund	Transportation Sales Tax
Budget Amount	\$120,000

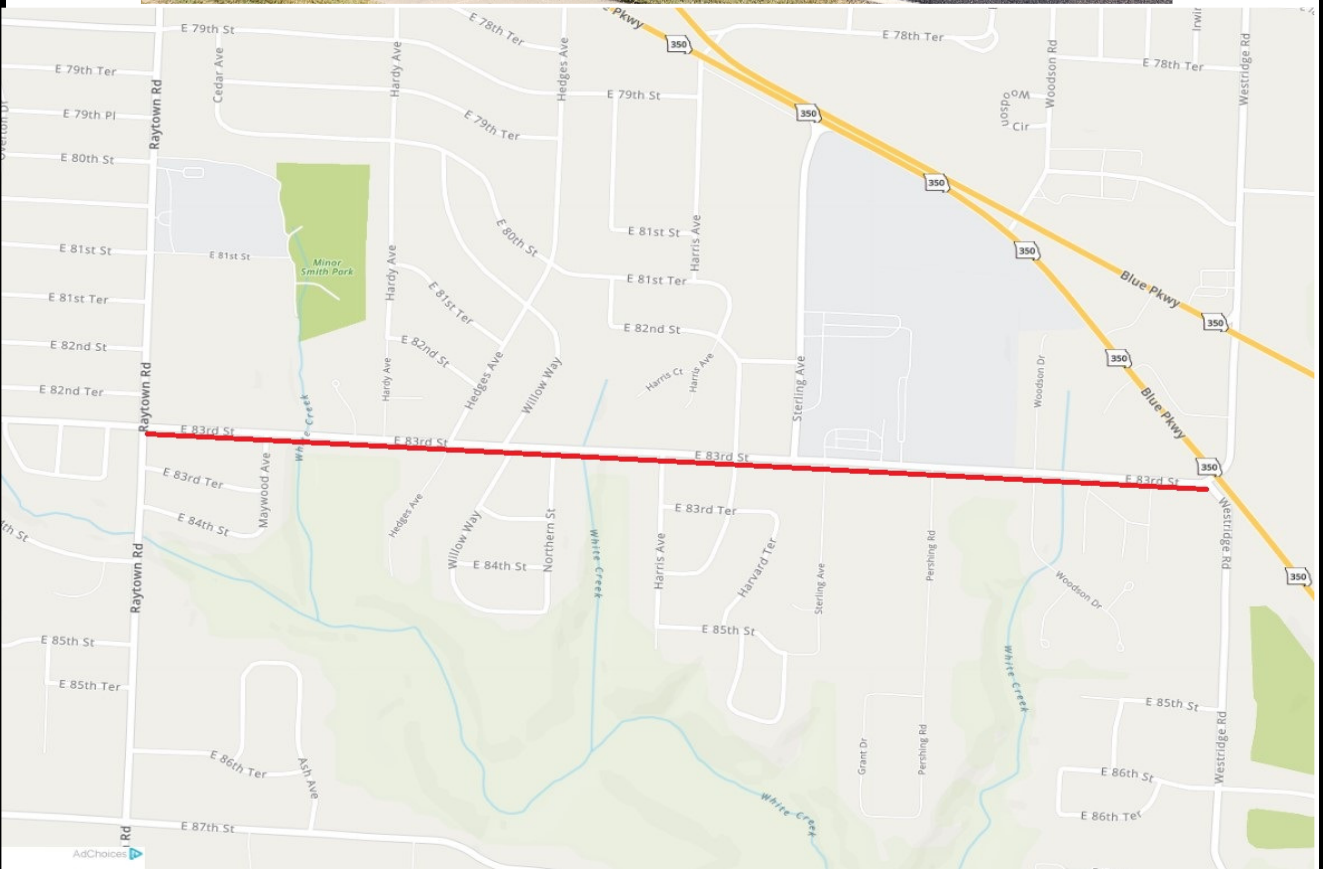
On streets where the overall condition is satisfactory, but there are smaller areas that need improvements or repairs, a contractor will focus on these places. The contractor will remove and replace either partial or full-depth sections of the pavement and underlying material. These point repairs help these locations to match the surrounding roadway and extend the life of the street as a whole.



*before and after
pictures from
year 2022*

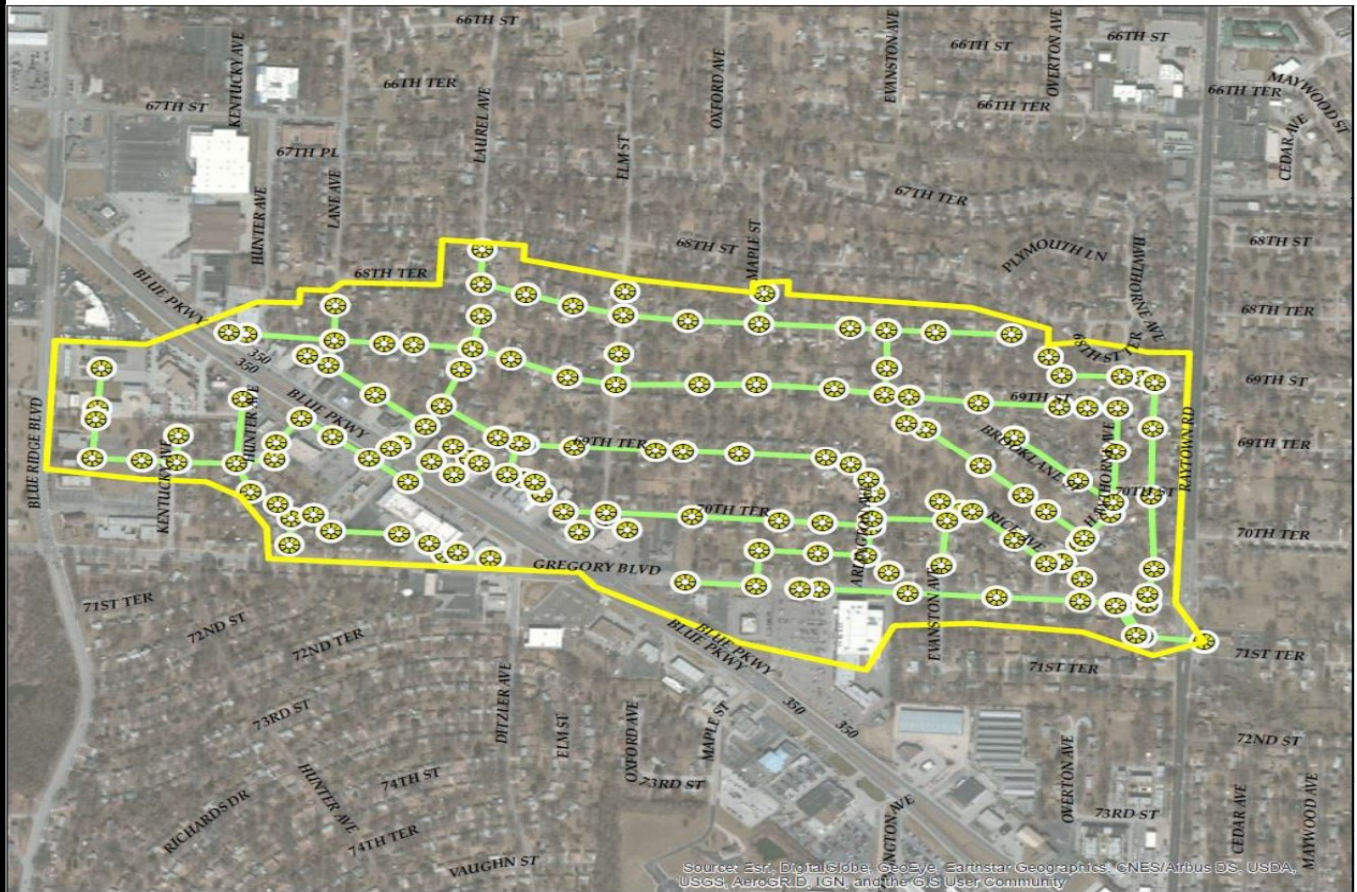
Project 2023 UBAS
Fund Transportation Sales Tax
Budget Amount \$500,000

In 2022 the City had its contractor mill and overlay a 1/2 inch layer of Ultrathin Asphaltic Bonded Surface (UBAS) on the portion of 83rd Street directly west of Raytown Road. This project will pick up where that one left off and do the portion of 83rd Street directly east of Raytown Road. These projects will improve the appearance and quality of the pavement and extend the life of the street.



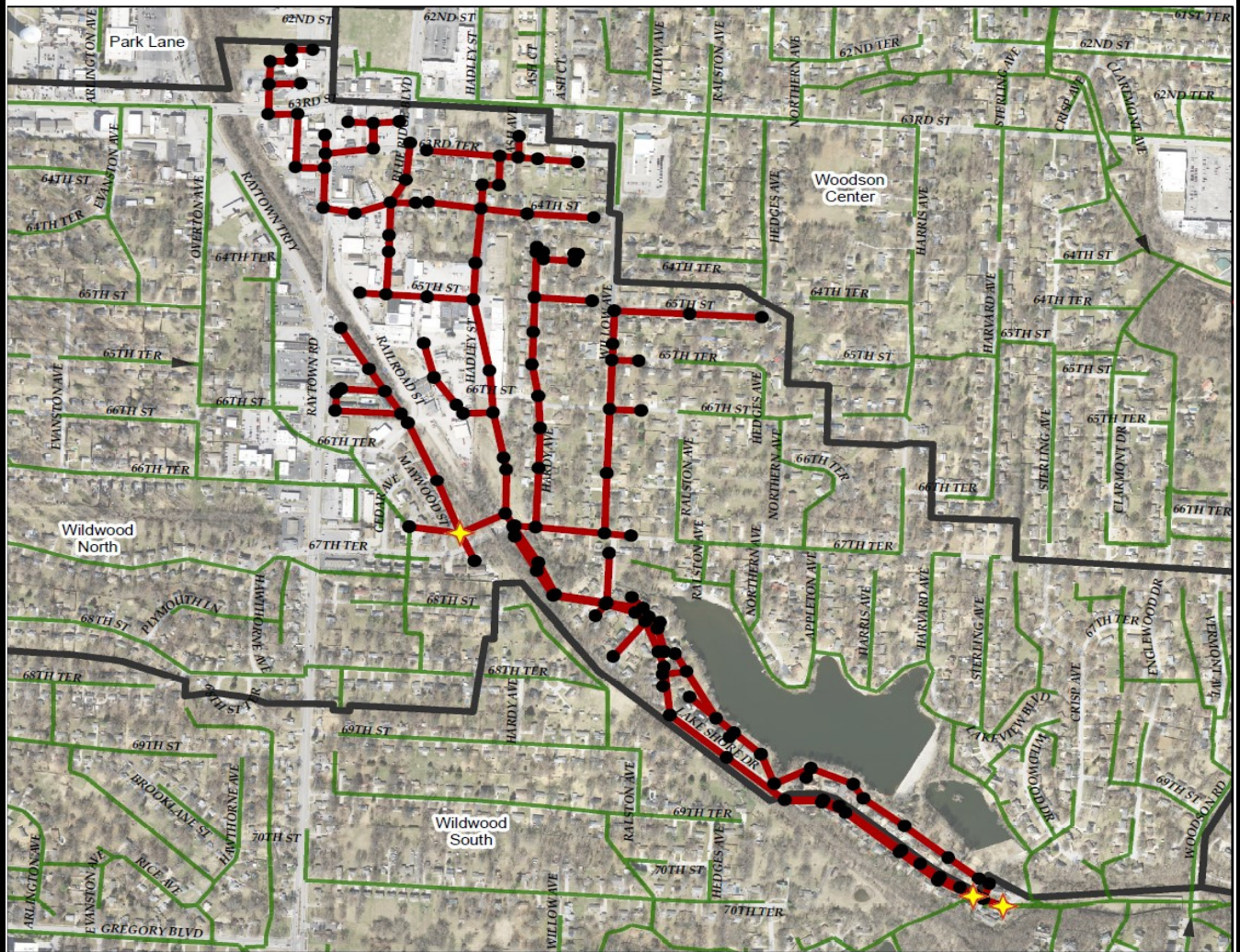
Project 2022 Sanitary Sewer Project (Wildwood South) - Construction
Fund Sewer Fund
Budget Amount \$2,000,000

In the Wildwood South sewershed, there are several pipe segments and manholes that require maintenance or complete removal and replacement. Due to the age of these structures, maintenance or improvements will ensure that the sewers are functioning as intended in this area and will reduce the amount of inflow and infiltration (I&I) in the system, lowering stress on the pipes and ultimately costs to the citizens and city.



Project 2023 Sewer Project (Wildwood North) Design (Roll over from 2022)
Fund Sewer Fund
Budget Amount Design - \$193,500

In the Wildwood North sewershed, there are several pipe segments and manholes that require maintenance or complete removal and replacement. Due to the age of these structures, maintenance or improvements will ensure that the sewers are functioning as intended in this area and will reduce the amount of inflow and infiltration (I&I) in the system, lowering stress on the pipes and ultimately costs to the citizens and city.



Project 2023 Stormwater Improvements (54th and Woodson)
Fund Storm Water Fund
Budget Amount \$200,000

This is a stormwater repair project that the City crew tried to handle in-house, but are no longer able to perform a project like this. This project will remove and replace an undersized stormwater pipe system that has deteriorated with partial collapses. The new stormwater system will have more piping and inlets along Woodson Rd as well as new stormwater pipe that will connect to the existing stormwater system in KCMO at the back of the property at 5417 Woodson.



Project	2023 Stormwater Improvements (83rd and Hunter)
Fund	Capital Sales Tax Fund/Stormwater Fund
Budget Amount	\$175,000/\$175,000

The City crew discovered a sinkhole above the existing stormwater pipe at 83rd Street just west of Hunter. This was in an area of a current PW project to mill and overlay 83rd Street. Upon further investigation, the 2 metal stormwater pipes crossing 83rd Street were found to be in bad shape and in need of replacement. The City will utilize our on-call engineer to survey and design this pipe replacement system underneath 83rd Street. There are many utility conflicts that need to be figured out.



Capital Expenses by Project and Fiscal Year

Project Name	FY 2020-2021	FY 2021-2022	FY 2022-2023	Total Project
Sanitary Sewer Project				
2021 Design	\$200,000			
2021 Summer/Fall Construction	\$1,455,454			
2022 Sewer Maintenance & Repair		\$2,776,659		
2022 Sewer Metering		\$90,000		
2022 Backflow and Sump Pump Install		\$30,000		
2022 Project Engineering/Desing		\$149,000	\$84,000	
2023 Preliminary Engineering		\$92,000		
2023 Project Engineering/Design		\$49,500	\$193,500	
2023 Project Construction			\$2,000,000	
87th Street Basin Design		\$50,000	\$69,000	
Park Lane DNR ARPA Grant Match			\$400,000	
Total Sanitary Sewer Project	\$1,655,454	\$3,237,159	\$2,746,500	\$7,639,113
Stormwater Master Plan				
2020 Phase I	\$50,000			
2021 Phase II	\$115,000			
2022 Phase III & IV		\$70,000	\$150,000	
2022 Maintenance Improvements		\$524,000		
Total Stormwater Master Plan	\$165,000	\$594,000	\$150,000	\$909,000
Stormwater Capital Projects				
84th and Arlington	\$253,000			
63rd and Woodson	\$231,000			
59th Street Design		\$50,000	\$314,000	
83rd Street			\$350,000	
54th and Woodson			\$200,000	
Total Stormwater Capital Projects	\$484,000	\$50,000	\$864,000	\$1,398,000
Contract Street Maintenance				
Summer 2021 Street Maintenance	\$525,000			
Summer 2022 Street Maintenance		\$935,718		
Summer 2023 Street Maintenance			\$865,000	
Total Contract Street Maintenance	\$525,000	\$935,718	\$865,000	\$2,325,718
350 Highway and Raytown Road				
Base Bid	\$437,180			
Alternate 1	\$174,934			
Alternate 2	\$46,470			
Alternate 3	\$77,689			
Contingency 10%	\$218,627			
Total 350 Highway and Raytown Road	\$954,900			\$954,900
Street Reconstruction				
2022 Street Reconstruction		\$675,000		
2023 Street Reconstruction Design		\$150,000		
Total Street Reconstruction		\$825,000		\$825,000
Parks Improvements				
Kenagy Tennis Courts		\$450,000		
Kenagy Playground Replacement		\$90,000		
Pond Wall		\$50,000		
Total Parks Improvements		\$590,000		\$590,000
	\$3,784,354	\$5,246,159	\$2,896,500	\$14,641,731

Capital Projects Funding Sources by Project and Fiscal Year

Project	FY 2020-2021	Amended FY 2021-2022	FY 2022-23	Total Project
Sanitary Sewer Project				
CDBG Grant	\$0			
Sewer Fund	\$1,655,454	\$3,237,159	\$2,746,500	
Total Sanitary Sewer Project	\$1,655,454	\$3,237,159	\$2,746,500	\$7,639,113
Stormwater Master Plan				
Stormwater Sales Tax Fund	\$50,000	\$70,000		
Capital Sales Tax Fund	\$115,000	\$524,000	\$150,000	
Total Stormwater Master Plan	\$165,000	\$594,000	\$150,000	\$909,000
Stormwater Capital Projects				
Capital Sales Tax Fund	\$484,000	\$50,000	\$489,000	
Stormwater Sales Tax Fund			\$375,000	
Total Stormwater Capital Projects	\$484,000	\$50,000	\$864,000	\$1,398,000
Contract Street Maintenance				
Transportation Sales Tax fund	\$525,000	\$935,718	\$865,000	
Total Contract Street Maintenance	\$525,000	\$935,718	\$865,000	\$2,325,718
350 Highway and Raytown Road				
Transportation Sales Tax fund	\$954,900			
Total 350 Highway and Raytown Road	\$954,900		\$0	
Street Reconstruction				
Transportation Sales Tax fund		\$825,000		
Total Street Reconstruction		\$825,000	\$0	\$825,000
Parks Improvements				
Parks Fund		\$590,000		
Total Parks Improvements		\$590,000	\$0	\$590,000
	\$3,784,354	\$6,231,877	\$4,625,500	\$14,641,731