

CITY OF LEE'S SUMMIT, MISSOURI

CAPITAL IMPROVEMENT PLAN 2024-2028



Capital Improvement Plan Summary
Fiscal Year 2024-2028
(Costs in \$1,000s)

Project	Prior Yrs.	2024	2025	2026	2027	2028	Total
Public Works Programs	9,181	12,430	10,955	11,991	12,607	13,170	70,334
Water Utilities Programs	966	758	306	761	122	-	2,913
Facilities Programs	341	2,879	1,973	2,301	3,767	3,381	14,642
Airport	4,184	9,980	15,554	9,686	3,229	10,401	53,034
Bridges, Streets and Signals*	68,887	50,257	28,815	16,050	10,910	8,800	183,719
Facilities	15,435	23,025	19,390	30,153	8,154	-	96,157
Parks and Recreation	1,750	6,445	19,787	2,812	5,833	2,563	39,190
Storm Water**	14,686	10,585	3,950	500	500	500	30,721
Sanitary Sewer	19,607	13,403	2,764	2,763	8,036	24,275	70,848
Water	14,626	10,597	10,320	9,917	8,867	8,447	62,774
Total	149,663	140,359	113,814	86,934	62,025	71,537	624,332

*Costs include water and sewer funding associated with road construction.

**Costs include streets, water and sewer funding associated with stormwater construction.

PUBLIC WORKS PROGRAMS
(Costs in \$1,000s)

Programs	Prior Yr	2024	2025	2026	2027	2028
Overlay & Microsurface FY24	5,200	5,900	5,800	6,100	6,300	6,600
Annual Curb and Gutter Replacement Program FY24	2,500	3,140	3,340	3,500	3,660	3,800
Residential Street Reconstruction Program FY24	0	1430	0	460	600	625
Neighborhood Traffic Safety Program FY24	50	75	75	75	75	75
ROW Infrastructure Rehabilitation FY24	0	250	260	265	270	275
Capital Project Planning FY24	50	65	70	75	75	75
Pavement Marking FY24	652	800	610	670	745	800
Crack Sealing FY24	320	340	350	370	385	400
Community Bus Service - ATA/OATS FY24	409	430	450	476	497	520
TOTAL	9,181	12,430	10,955	11,991	12,607	13,170

WATER UTILITIES PROGRAMS
(Costs in \$1,000s)

Programs	Prior Yrs	2024	2025	2026	2027	2028
Equipment Replacement/Rehab	966	758	306	761	122	0
TOTAL	966	758	306	761	122	0

FACILITIES and TECHNOLOGY PROGRAMS
(Costs in \$1,000s)

Program	Prior Yrs.	2024	2025	2026	2027	2028
Building Equipment Replacement Program (BERP)	341	289	1,473	1,801	2,767	3,381
2023 Bond Issue for Public Safety Facilities*	-	700	-	-	-	-
2023 Bond Issue for Public Safety Technology**	-	1,750	500	500	1,000	-
2023 Bond Issue for Municipal Facilities Reinvestment*	-	140	-	-	-	-
Total	341	2,879	1,973	2,301	3,767	3,381

*NOTE: Funding programmed for FY24 to support immediate needs to complete work that is known, but previously deferred due to lack of funding. Future NTIB funding will be prioritized as part of future, annual CIP development.

**NOTE: Funding facilities immediate program for network security, followed by planning, design and construction for network infrastructure. Future NTIB funding will be prioritized as part of future, annual CIP development.

NUMBER	BY	DATE

THIS BAR IS EQUAL TO 2" AT FULL SCALE (34X22).
 PLOT 1

LEE'S SUMMIT MUNICIPAL AIRPORT
 LEE'S SUMMIT, MISSOURI

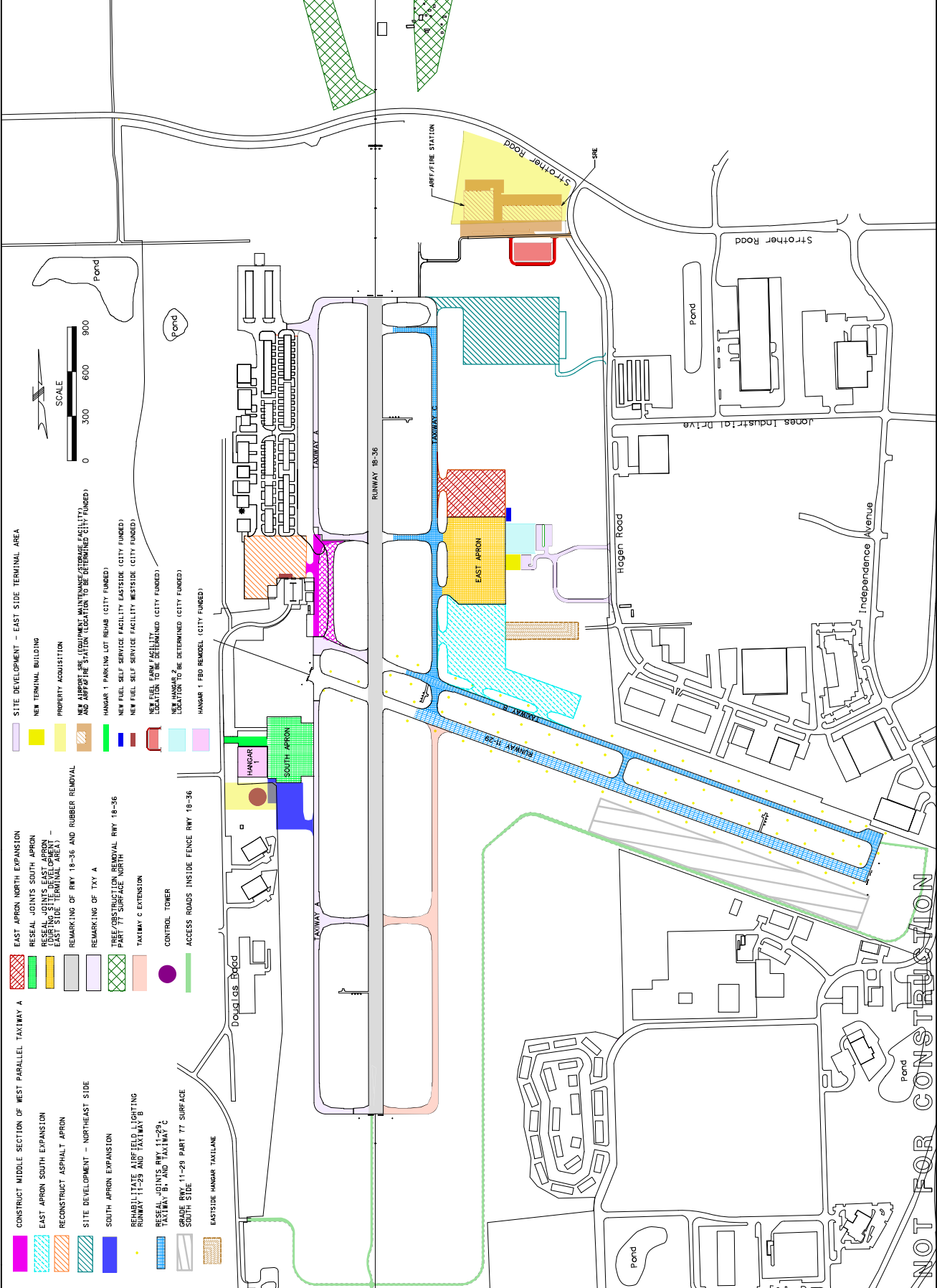
PRELIMINARY



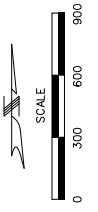
ST. LOUIS, MO 63102
 ONE MEMORIAL DRIVE, SUITE 600
 (314) 426-5200
 PROFESSIONAL ENGINEERING - 009631

FILE: Prop_FY2023CIP.dgn
 DESIGN BY:
 DRAWN BY:
 CHECKED BY:
 APPROVED BY:
 DATE: MARCH 22, 2023
 JOB No:

PROPOSED
 FY 2024 CIP
 SHEET OF SHEETS



- CONSTRUCT MIDDLE SECTION OF WEST PARALLEL TAXIWAY A
- EAST APRON SOUTH EXPANSION
- EAST APRON SOUTH EXPANSION
- RECONSTRUCT ASPHALT APRON
- SITE DEVELOPMENT - NORTHEAST SIDE
- SOUTH APRON EXPANSION
- REHABILITATE AIRFIELD LIGHTING RUNWAY 11-29 AND TAXIWAY B
- RESEAL JOINTS Rwy 11-29, TAXIWAY B, AND TAXIWAY C
- GRADE Rwy 11-29 PART 77 SURFACE SOUTH SIDE
- EASTSIDE HANGAR TAXIWAY
- EAST APRON NORTH EXPANSION
- RESEAL JOINTS SOUTH APRON
- RESEAL JOINTS EAST APRON
- CONSTRUCT MIDDLE SECTION OF WEST PARALLEL TAXIWAY A
- REMARKING OF Rwy 18-36 AND RUBBER REMOVAL
- REMARKING OF TAXY A
- TREE/OBSTACLES REMOVAL Rwy 18-36 PART 77 SURFACE NORTH
- TAXIWAY C EXTENSION
- CONTROL TOWER
- ACCESS ROADS INSIDE FENCE Rwy 18-36
- SITE DEVELOPMENT - EAST SIDE TERMINAL AREA
- NEW TERMINAL BUILDING
- PROPERTY ACQUISITION
- NEW AIRSIDE SEE (REQUIRE MAINTENANCE SERVICE FACILITY AND APPROPRIATE STATION ALLOCATION TO BE DETERMINED CITY FUNDED)
- HANGAR 1 PARKING LOT REHAB (CITY FUNDED)
- NEW FUEL SELF SERVICE FACILITY EASTSIDE (CITY FUNDED)
- NEW FUEL SELF SERVICE FACILITY WESTSIDE (CITY FUNDED)
- RELOCATION TO NEW FACILITY (CITY FUNDED)
- RELOCATION TO BE DETERMINED (CITY FUNDED)
- HANGAR 1 FBO REMODEL (CITY FUNDED)



NOT FOR CONSTRUCTION


3/22/2023 Prop_FY2023CIP.dgn

AIRPORT
(Costs in \$1,000s)


Project	Prior Yrs.	2024	2025	2026	2027	2028	Total
Air Traffic Control Tower	-	-	-	-	1,400	5,416	6,816
East Side Self Service Fuel	-	-	-	200	-	-	200
Hangar 2	600	6,000	4,860	-	-	-	11,460
Land Acquisition of ALP Properties Phase 3	1,950	-	-	-	-	-	1,950
New Airport SRE (Equipment Maintenance / Storage Facility)	-	-	694	-	-	-	694
New Fuel Farm Facility	-	-	-	1,880	-	-	1,880
New Fuel Self Serve Facility (West Side)	-	-	-	-	450	-	450
New Terminal Building	-	600	10,000	-	-	-	10,600
Reseal Joint and Marking Runway 11-29, Taxiways Bravo & Charlie	730	272	-	-	-	-	1,002
Reseal Joint and Marking South Apron	-	172	-	-	-	-	172
Runway 29 Part 77 Grading	-	-	-	-	1,079	-	1,079
Site Development - East Side Terminal Area, Reseal East Apron	500	2,936	-	-	-	-	3,436
Site Development - Northeast Side	-	-	-	-	-	3,476	3,476
South Apron Expansion	-	-	-	-	-	1,509	1,509
Taxiway Charlie Extension	-	-	-	5,790	-	-	5,790
Tree Removal in South Avigation Easement	-	-	-	-	300	-	300
Update Airport Master Plan - Phase 2	404	-	-	-	-	-	404
West Apron Reconstruction	-	-	-	1,816	-	-	1,816
Total	4,184	9,980	15,554	9,686	3,229	10,401	53,034

CONSTRUCTION 2023 

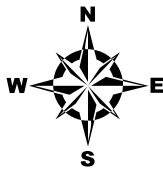
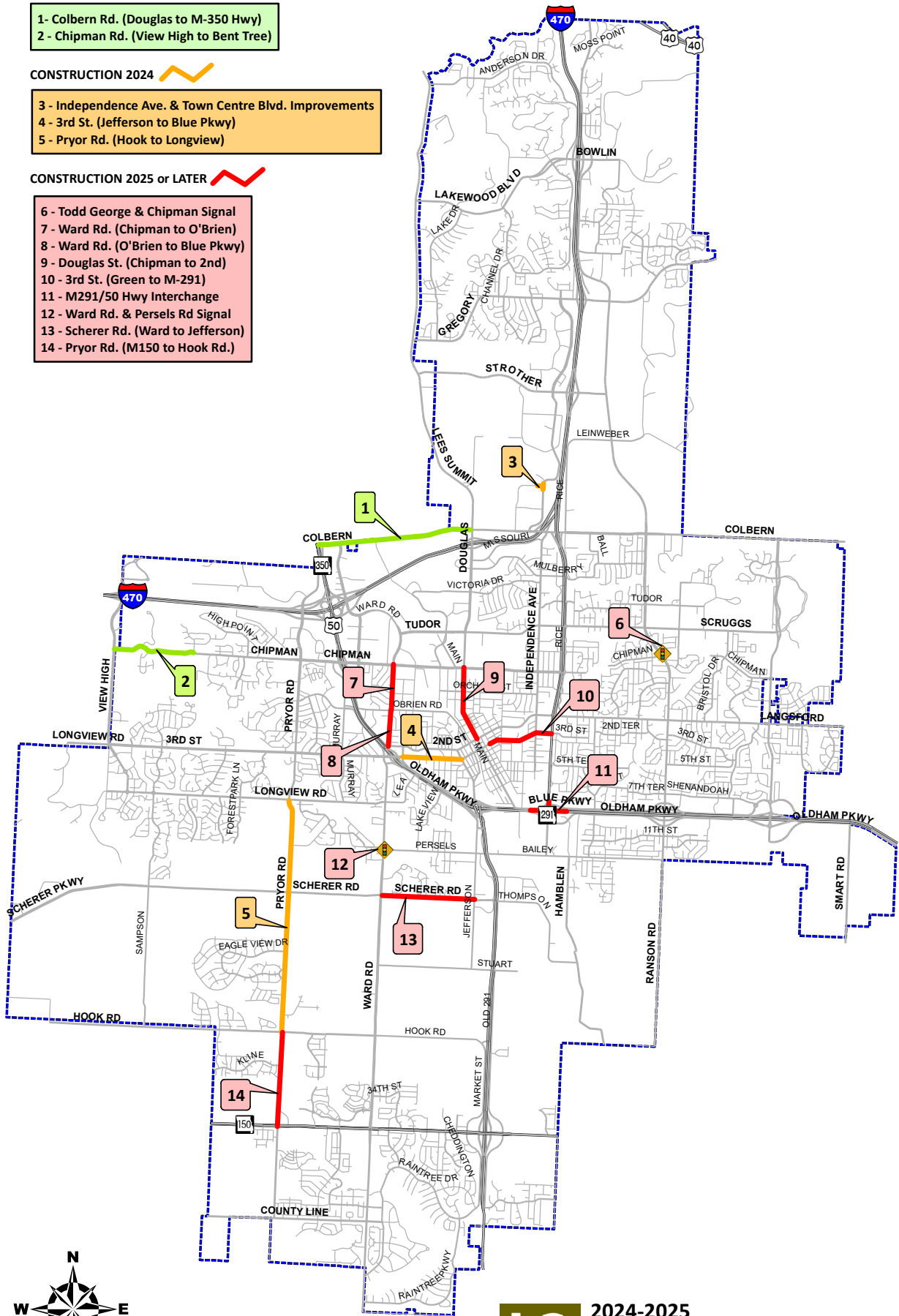
- 1 - Colbern Rd. (Douglas to M-350 Hwy)
- 2 - Chipman Rd. (View High to Bent Tree)

CONSTRUCTION 2024 

- 3 - Independence Ave. & Town Centre Blvd. Improvements
- 4 - 3rd St. (Jefferson to Blue Pkwy)
- 5 - Pryor Rd. (Hook to Longview)

CONSTRUCTION 2025 or LATER 

- 6 - Todd George & Chipman Signal
- 7 - Ward Rd. (Chipman to O'Brien)
- 8 - Ward Rd. (O'Brien to Blue Pkwy)
- 9 - Douglas St. (Chipman to 2nd)
- 10 - 3rd St. (Green to M-291)
- 11 - M291/50 Hwy Interchange
- 12 - Ward Rd. & Persels Rd Signal
- 13 - Scherer Rd. (Ward to Jefferson)
- 14 - Pryor Rd. (M150 to Hook Rd.)



April 2023



2024-2025
STREET AND SIGNAL
CAPITAL IMPROVEMENTS

BRIDGES, STREETS & SIGNALS
(Costs in \$1,000s)

Project	Prior Yrs.	2024	2025	2026	2027	2028	Total
Browning Street Extension - Browning to Hamblen Rd	4,400	-	-	-	-	-	4,400
Chipman Road, Bent Tree Dr. to View High Dr.	17,280	632	-	-	-	-	17,912
Colbern Road - M350 to Douglas Street	12,102	15,380	2,204	-	-	-	29,686
Douglas Street - Chipman Road to 2nd Street	500	2,036	5,447	2,900	-	-	10,883
Independence Ave & Town Centre Blvd Intersect Imp	1,875	-	-	-	-	-	1,875
M291 North Interchange with US50	7,950	10,000	10,400	500	-	-	28,850
Pryor Road Widening Phase 1 - Hook to Longview	13,720	11,000	2,000	-	-	-	26,720
Pryor Road Widening Phase 2 - M150 to Hook	250	750	3,200	4,000	2,250	-	10,450
Residential Curb Replacements	1,650	630	740	1,150	1,260	1,300	6,730
Scherer Road Reconstruction - Ward Road to Jefferson Street	-	-	-	1,000	2,900	5,500	9,400
Sidewalk Improvements	2,000	500	500	500	-	-	3,500
Third Street Improvements - Jefferson St to Blue Parkway/US50	2,031	5,018	-	-	-	-	7,049
Third Street Improvements (east) - Green St to M-291	-	-	500	1,500	3,000	-	5,000
Todd George Parkway and Chipman Road Signal	-	15	550	-	-	-	565
Ward Road & Persels Road Signal	2,100	2,366	-	-	-	-	4,466
Ward Road Phase 1 - NW O'Brien Road to Blue Parkway	2,529	1,500	1,250	-	-	-	5,279
Ward Road Phase 2- Chipman Road to NW O'Brien	500	430	1,524	3,500	-	-	5,954
Subtotal	68,887	50,257	28,315	15,050	9,410	6,800	178,719
Less water and sewer funds included in totals	4,595	2,957	848	796	0	0	9,196
Total Transportation Funding	64,292	47,300	27,467	14,254	9,410	6,800	169,523

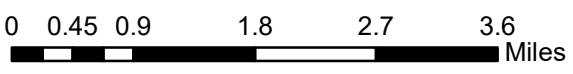
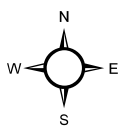
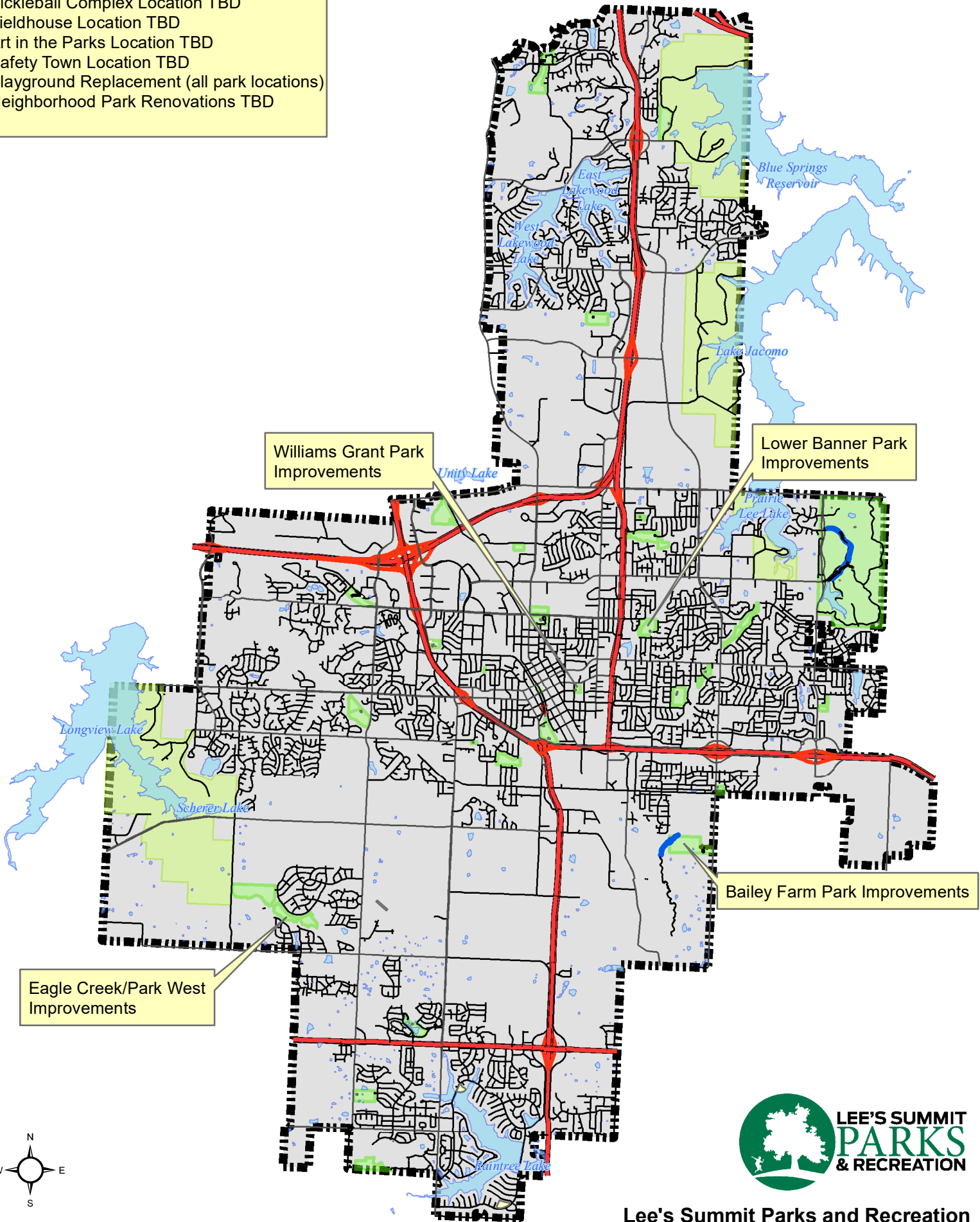
FACILITIES and TECHNOLOGY
(Costs in \$1,000s)

Project	Prior Yrs.	2024	2025	2026	2027	2028	Total
Downtown Market Plaza*	3,435	4,720	-	-	-	-	8,155
Enterprise Resource Planning (ERP) Replacement	-	3,673	3,790	-	-	-	7,463
Fire Station 1 Remodel*	-	1,000	1,000	8,153	8,154	-	18,307
Fire Station 4 Replacement	7,000	4,166	-	-	-	-	11,166
Fire Station 5 Replacement	5,000	4,166	-	-	-	-	9,166
Joint Operations Facility Buiding**	-	2,000	10,000	17,000	-	-	29,000
Live Fire Training Facility	-	1,700	-	-	-	-	1,700
Police/Court Building Renovation Phase II**	-	800	2,200	3,000	-	-	6,000
Police South Substation**	-	800	2,400	-	-	-	3,200
Public Roadway and Infrastructure Safety**	-	-	-	2,000	-	-	2,000
Total	15,435	23,025	19,390	30,153	8,154	-	96,157

Note: *DT Market Plaza total project costs pending completion of activity programming design to identify features for construction cost estimates

****NOTE:** Funding programmed for FY24 supports immediate needs to initiate planning and design for these complex and inter-dependent projects. Funding estimated for subsequent years are initial planning estimates that may be subject re-prioritization due to funding constraints, project coordination needs, and requirements to provide continuous City services. Additional NTIB projects will be prioritized in future CIP annual planning cycles.

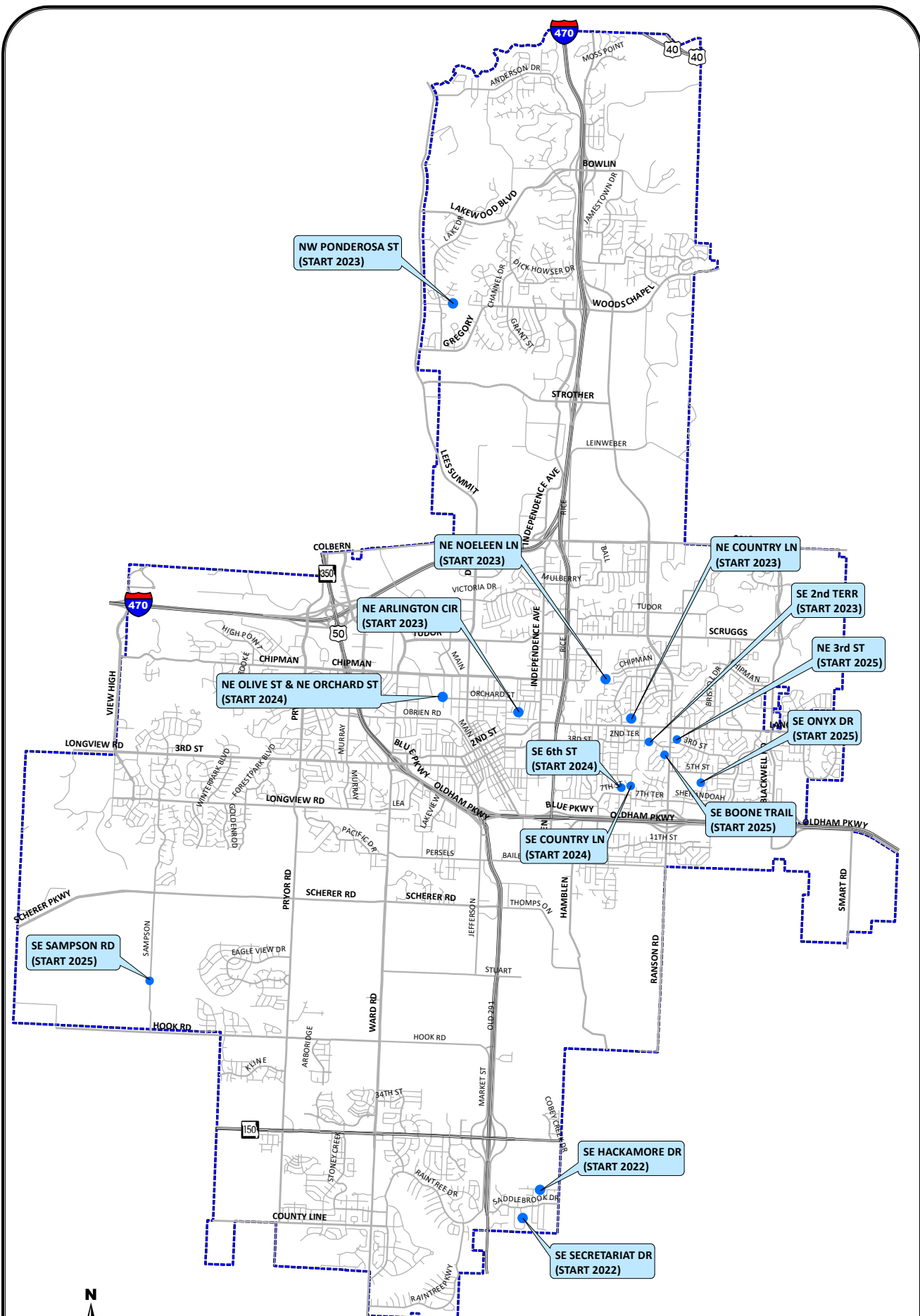
Pickleball Complex Location TBD
 Fieldhouse Location TBD
 Art in the Parks Location TBD
 Safety Town Location TBD
 Playground Replacement (all park locations)
 Neighborhood Park Renovations TBD



**LEE'S SUMMIT
 PARKS
 & RECREATION**
 Lee's Summit Parks and Recreation
 Capital Improvement Plan FY24-28
 Prepared: February 2023

PARKS and RECREATION
(Costs in \$1,000s)

Project	Prior Yrs.	2024	2025	2026	2027	2028	Total
Arts in Parks		10	10	10	10	10	50
Bailey Park Development/Nature Center				500	5,000	2,000	7,500
Eagle Creek Trail/Park West Development	200	850					1,050
Field House	1,000	4,000	19,000				24,000
Lower Banner Park Improvements	200	50					250
Neighborhood Park Improvements		185		405	390	300	1,280
Pickleball Complex	200	900					1,100
Playground Surface Replacement Program		350	777	897	433	253	2,710
Safety Town				1000			1,000
Williams Grant Improvements	150	100					250
Total	1,750	6,445	19,787	2,812	5,833	2,563	39,190



STORM WATER
(Costs in \$1,000s)

Project	Prior Yrs.	2024	2025	2026	2027	2028	Total
CMP rehab / replacement	750	500	500	500	500	500	3,250
MARC / USACE Little Blue Watershed CIP Plan	450	-	-	-	-	-	450
Olive and Orchard (reconstruct streets & stormwater)	1,918	2,415	2,800	-	-	-	7,133
Sampson Road Stormwater	-	3,900	-	-	-	-	3,900
Stormwater Infrastructure Improvements (2017)	9,368	3,750	1,600	-	-	-	14,718
Stormwater Utility Implementation Study	500	-	-	-	-	-	500
Subtotal	12,986	10,565	4,900	500	500	500	29,951
Less street construction funds included in totals	850	530	-	-	-	-	1,380
Less Stormwater Utility Rate Study Fund	500	-	-	-	-	-	500
Less MDNR ARPA stormwater grant included in totals	-	3,750	-	-	-	-	3,750
Less water and sewer funds included in totals	68	675	-	-	-	-	743
TOTAL Stormwater funding	11,568	5,610	4,900	500	500	500	23,578

SANITARY SEWER

(Costs in \$1,000s)

Project	Prior Yrs.	2024	2025	2026	2027	2028	Total
5A/5B Interceptor Rehabilitation	-	-	-	-	637	-	637
ARPA Grant Sewer Improvements	-	-	-	-	-	10,500	10,500
Big Creek EFHB & Pump Station	-	-	-	-	1,274	12,475	13,749
Big Creek Upsizing (R7) (formerly BC Int Capacity Imp)	650	142	-	-	-	-	792
Cedar Creek Improvements Along McClendon Ditch	4,000	3,878	-	-	-	-	7,878
Community Sewer Lines	500	-	-	-	-	-	500
Community Sewer Lines - Phase II	-	-	-	-	500	-	500
Flow Monitoring	-	-	-	50	-	-	50
Force Main/Interceptor/Under Lake Condition Assessments	1,860	-	-	-	-	-	1,860
FY23 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs	2,000	-	-	-	-	-	2,000
FY24 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs	-	1,700	-	-	-	-	1,700
FY25 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs	-	-	1,600	-	-	-	1,600
FY26 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs	-	-	-	1,500	-	-	1,500
FY27 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs	-	-	-	-	1,000	-	1,000
FY28 I/I Removal-CIPP Lining, Manhole Rehab, and LCRs	-	-	-	-	-	500	500
HCA EFHB Decommissioning	171	-	-	-	-	-	171
I-470 Bore - St Lukes to Colbern	-	1,698	-	-	-	-	1,698
Little Cedar Interceptor Rehabilitation	-	-	-	-	-	650	650
Maybrook Watershed Capacity Improvements	-	-	-	-	500	-	500
Maybrook Watershed Knife Valve Replacement	-	-	-	-	-	150	150
Oaks Ridge Meadows Pump Stations Wetwell Rehab	-	-	-	-	128	-	128
Sanitary Sewer Rehab - Relining, Manhole Rehab, Tap Repairs	1,200	-	-	-	-	-	1,200
Sewer Improvements - Cedar Creek MH (30-321 to 30 -145)	350	-	-	-	-	-	350
Sewer Main Cathodic Protection	-	300	300	-	-	-	600
Sewer Main Rehab and Creek Stabilization	300	100	100	-	-	-	500
South Prairie Lee Interceptor Upgrades	1,371	2,578	-	-	-	-	3,949
Tudor Force Main - Air Relief & Control Valve Update	230	-	-	-	-	-	230
Tudor Force Main - Odor Control	2,200	-	-	-	-	-	2,200
Tudor Road Pump Station Facility Plan	125	25	-	-	-	-	150
Tudor Road Pump Station Force Main Drain Line	100	-	-	-	-	-	100
Tudor Force Main - Rehab	-	-	-	1,213	3,747	-	4,960
Wastewater Master Plan Update	-	-	-	-	250	-	250
Water Utilities Service Center Improvements	350	300	-	-	-	-	650
Water Utilities Strategic Plan	200	-	-	-	-	-	200
West Prairie Lee Sewer Capacity Improvements	4,000	2,714	764	-	-	-	7,478
TOTAL	19,607	13,435	2,764	2,763	8,036	24,275	70,880

WATER
(Costs in \$1,000s)

Project	Prior Yrs.	2024	2025	2026	2027	2028	Total
Cathodic Protection FY23	1,100	-	-	-	-	-	1,100
Cathodic Protection FY24	-	1,166	-	-	-	-	1,166
Cathodic Protection FY25	-	-	1,213	-	-	-	1,213
Cathodic Protection FY26	-	-	-	1,249	-	-	1,249
Cathodic Protection FY27	-	-	-	-	637	-	637
Cathodic Protection FY28	-	-	-	-	-	650	650
Harris Park Standpipe - Demolition	287	-	-	-	-	-	287
Langsford & Milton Thompson Upsize	495	825	-	-	-	-	1,320
Ralph Powell Road Valve	-	150	-	-	-	-	150
Transmission Main Condition Assessment	1,525	-	-	-	-	-	1,525
Water Main – Lakewood Way – Ridgewood to Bowlin Rd	-	466	-	-	-	-	466
Water Main – View High Longview Golf to Chipman Upsize	340	163	-	-	-	-	503
Water Main Rehab FY22	4,640	-	-	-	-	-	4,640
Water Main Rehab FY23	6,239	-	-	-	-	-	6,239
Water Main Rehab FY24	-	7,627	-	-	-	-	7,627
Water Main Rehab FY25	-	-	9,107	-	-	-	9,107
Water Main Rehab FY26	-	-	-	8,668	-	-	8,668
Water Main Rehab FY27	-	-	-	-	8,230	-	8,230
Water Main Rehab FY28	-	-	-	-	-	7,797	7,797
Water Meter Replacement	2,242	-	-	-	-	-	2,242
TOTAL	16,868	10,397	10,320	9,917	8,867	8,447	64,816