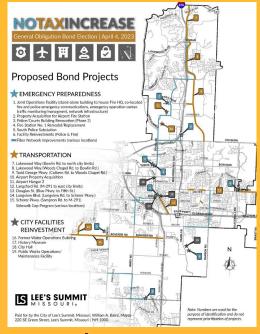
2023 No Tax Increase Bond Project Priorities

(Pre-planning discussion for the Capital Improvement Plan 2025-2029)







October 9, 2023

Public Works Committee Meeting

Michael Park, PE, PTOE

Director of Public Works



<u>Agenda</u>

- Capital Improvement Plan (CIP)
- ❖ April 4, 2023 No Tax Increase Bond (NTIB) Election
- **❖**NTIB Transportation Projects
- Road Project Prioritization/Sequencing
 - *Resources
 - **❖**Influences
 - Factors
- ❖Next Steps

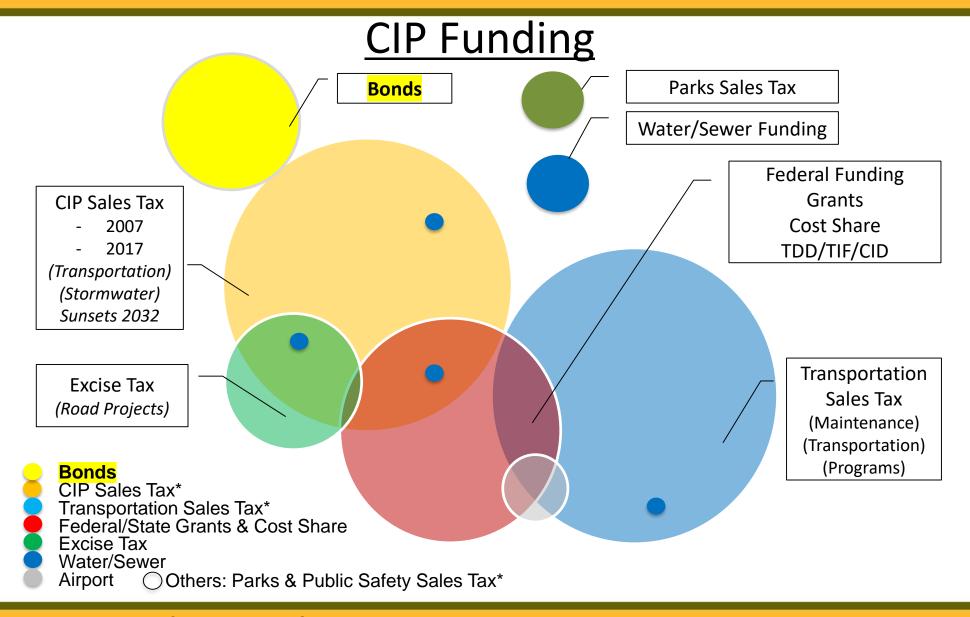
CITY OF LEE'S SUMMIT, MISSOURI

CAPITAL IMPROVEMENT PLAN 2024-2028



CIP Overview

- ❖What is the CIP?
 - ❖ Planning Document
 - ❖ 5-Year Fiscally Constrained Capital Improvements
 - ❖Generally, Capital Infrastructure Projects Exceeding \$75K
 - *Roads, Water, Sewer, Buildings, Parks, IT Networks, Etc.
- ❖What is the CIP review and approval process?
 - Annually Updated
 - ❖ Adopted in Comprehensive Plan by Planning Commission
 - ❖ City Council Approval; 1st Year of CIP is in the City Budget
- ❖What are we doing now in the CIP process?
 - ❖ Sequencing New Projects (NTIB) for preparation of the next CIP
 - ❖ Developing a plan for NTIB Project delivery for the next CIP and beyond
 - ❖A critical STEP in the CIP Project Implementation Process!





CIP Implementation Process

- Strategic PlansMaster PlansProject ListsEmerging Needs
- Prioritization
- Funding Identification
- Sequencing
- Scheduling/Financing
- **CIP**
- Project Delivery





Key public safety improvements that will provide public access and enhance safety and emergency services for the community.



TRANSPORTATION \$98 MILLION | 13 PROJECTS

Investments in critical public infrastructure that directly affect safety, mobility and livability.



CITY FACILITIES REINVESTMENT \$14 MILLION | 10 PROJECTS

Extend facility use, enhance service efficiencies, and protect the investment of our public and community spaces.



MILLION COMPREHENSIVE

45 PROJECTS

NTIB Election Questions

- Emergency Preparedness?
 - \$74M, 7 Projects (22 Initiatives)
- City Facilities Reinvestment?
 - \$\$14M, 5 Projects (10 Initiatives)
- Transportation?
 - **♦**\$98M, 11 Projects
 - ❖ Douglas St. (Blue Pkwy to 4th Street)
 - ❖ Scherer Pkwy (Sampson Rd. to M-291)
 - **❖** Langsford Rd. (M-291 to East City Limits)
 - **❖** Lakewood Way (Bowlin Rd. to North City Limits)
 - **❖** Lakewood Way (Woods Chapel Rd to Bowlin Rd.)
 - ❖Todd George Pkwy. (Colbern Rd. to Woods Chapel Rd.)
 - ❖Longview Blvd (Longview Rd. to Scherer Pkwy)
 - ❖Sidewalk Gap Program



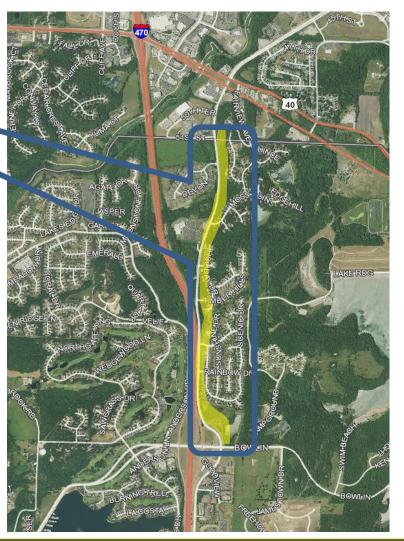
- Airport Property Acquisitions (2)
- ❖Airport Hanger 2
- ❖City Hall Sidewalk & Hanger Maintenance



- Lakewood Way (Woods Chapel to Bowlin)
- Lakewood Way (1.7 Miles)
- Abt. 5,500 Vehicles/Day
- Low Crash Rate
- Est. \$6.4M
- Est. 3.5 Year Delivery Schedule
- School & Mostly Developed Area
- Quality of Life & Multi-Modal Access/Safety
- Sidewalk/Trail Gaps (Eastside of Road)
- Street Lighting
- Curb/Stormwater Gaps (Wildwood-Coleman)
- Access Mgmt. Compliance (Turn Lanes)
- Turn Lanes:
 - Jib Court (Left) Exec. Lakes Center (Right)
 - Lakewood Court (Left/Right) Jamestown Dr. (Right)
- No New Thru Vehicle Capacity



- Lakewood Way (Bowlin to North City Limit)
- Lakewood Way (1.5 Miles)
- Abt. 6,000 Vehicles/Day
- Low Crash Rate
- Est. \$4.4M
- Est. 3.5 Year Delivery Schedule
- Very Limited Development Potential
- Quality of Life & Multi-Modal Access/Safety
- Sidewalk or Shoulders
- Possible Street Lighting
- Access Mgmt. Compliance (Turn Lanes)
- Turn Lanes:
 - Rainbow Dr (Left) Rainbow Dr (Right)
 - Wildflower Dr (Left) Holiday Ct. (Left)
 - Timber Hills Dr (Left/Right) Crown Pointe (Left)
 - Moss Point Rd (Left/Right) Kensington Dr (Left/Right)
- No New Thru Vehicle Capacity





Langsford Road (TGP to East City Limit)

- Safety and Accessibility Improvements
- Abt. 10K-12K Vehicles/Day (Abt. 5K East of Blackwell)
- Est. \$5.0M (Key Intersections & E. Blackwell)
- Est. 3.5 Year Delivery Schedule
- Sidewalk, Lighting & Curb Gaps (East of Blackwell)
- Access Mgmt. Compliance (Turn Lanes/Medians)
- Left Turn Lanes: Medians:
 - Noleen (for North Side)
- Noleen (for South Side)
- Bordner (for North Side)
- Bordner (for South Side)
- Brentwood (for North Side)
- View Park
- Winburn (for South Side)
- Crestwood (for South Side)
- *Street Gap Closure: 5th Ter.
- No New Through Traffic
- Fully Developed Area
- Significant Property Impacts









❖ Douglas Street (4th to Blue Pkwy)

- Douglas Street (0.6 Miles)
- Abt. 1,500 Vehicles/Day
- Low Crash Rate
- Est. \$5.0M
- Est. 3.5 Year Delivery Schedule
- "Downtown Gateway"
- Quality of Life & Multi-Modal Access/Safety
- Complete Street: Sidewalk, Curbs, Lighting
- Similar Projects:
 - 3rd Street (US50 to Jefferson)
 - Douglas Street (Chipman to 2nd)
 - 3rd Street (Green to M291)
 - Ward Road (Blue Pkwy to Chipman)
 - 5th Street, Orchard, Etc.
- 4th & Douglas Streetscape
- No New Thru Vehicle Capacity (No Widening)





- **❖Todd George Pkwy** (Colbern to Woods Chapel)
- Todd George Pkwy (2.7 Miles) & Strother Rd (0.3 Mile)
- Abt. 10,000 Vehicles/Day
- Increasing Congestion on Existing Interim Standard
- Est. \$24M
- Est. 3.5 Year Delivery Schedule
- Near-Term Capacity/Safety Issue
- Impediment to Growth
- Master Planned (Greenway, Bikeway, Thoroughfare)
- Regionally Significant
- Supports Existing/Planned Activity Centers
- Quality of Life & Multi-Modal Access/Safety
- Complete Street: Sidewalk, Trail, Curbs, Lighting
- Build Similar to Todd George Pkwy south of Colbern





- ❖ Scherer Pkwy (Sampson to M291)
- Longview Blvd (Longview to Scherer)
- Scherer Pkwy (3.8 Miles) & Longview Blvd (0.5 Mile)
- Abt. 10,000 Vehicles/Day
- Safety Project for Existing Unimproved Road
- Est. \$35M (Plus 2017 CIP Sales Tax Interim Project)
- Potentially Phased Project (East/West of Ward)
- Est. 6-7 Year Delivery Schedule
- Impediment to Growth
- Master Planned (Greenway, Bikeway, Thoroughfare)
- Regionally Significant
- Supports Existing/Planned Activity Centers
- Quality of Life & Multi-Modal Access/Safety
- Complete Street: Sidewalk, Trail, Curbs, Lighting







- Delivery of Other Capital Projects (e.g. 2017 CIP Sales Tax)
- Significance of Project Impacts (Safety, Capacity, Etc. Benefits)
- Planning Alignment (Strategic Plan & Comprehensive Plan)





















- ❖ When to Issue Bonds (Debt) /Fiscal Advantages or Disadvantages
- *Resources/Staff Availability to Deliver Projects
- Time/Schedule to Delivery (Design/Utilities/Acquisitions/Const.)
- Project Complexities (and Risks)
- Project Contingencies (Other Projects and Development)
- Other Factors (e.g. Non-Local Contributions, Permitting, Utilities)

Currently Adopted CIP (Orange Highlights were NEW Projects)

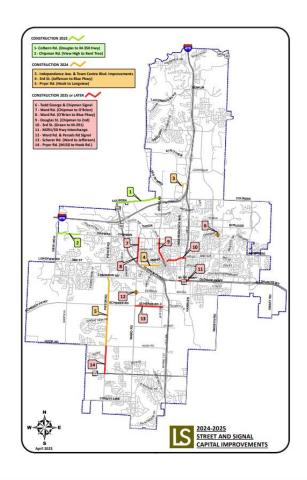
BRIDGES, STREETS & SIGNALS

(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 Transporation Funding	64,292	47,300	27,467	14,254	9,410	6,800	169,523



Delivery of Other CIP Commitments (e.g. 2017 CIP Sales Tax)



2017 CIP 1/2-Cent Sales Tax (15 Year) - Transportation & Stormwater

Category	Project	Status
BSS	3rd Street – Green to M291 Hwy	CIP
BSS	3rd Street – Jefferson to US50 Hwy	CIP
BSS	Colbern Road - M350 Hwy to Douglas Street	CIP
BSS	Curb Replacements (Residential Streets)	CIP
BSS	Douglas Street - Chipman to 2nd Street	CIP
BSS	Downtown Parking (Phase 1 – Lot)	Completed
BSS	Downtown Parking (Phase 2 – Garage)	Not Programmed
BSS	Independence Ave. – Chipman to 5th Street	Not Programmed
BSS	Pryor Road (Phase 1) - Longview to Hook	CIP
BSS	Pryor Road (Phase 2) - Hook to M150 Hwy	CIP
BSS	Scherer Rd. Interim Safety Improvements	Not Applicable
BSS	Sidewalk Gap Program	CIP
BSS	Street Light System Upgrades	Completed
BSS	Street Lights (Shenandoah Dr./Lakewood Blvd.)	Completed
BSS	Ward Road (Phase 1) - 2nd/Blue to O'Brien	CIP
BSS	Ward Road (Phase 2) - O'Brien to Chipman	CIP
BSS	Set Aside Funding for MoDOT Partnerships	Varies
Parks and Rec.	Rock Island Trail Head (Hartman Park)	Completed
Stormwater	Streambank Erosion Mitigations	Completed
Stormwater	Stormwater Infrastructure (Structural Flooding)	CIP
Stormwater	Corrugated Metal Pipe Replacements	CIP

- Delivery of New CIP Projects (Emerging Examples)
 - Warranted Signals
 - Cost Share Opportunities
 - ❖Improvements by Partnership or Agreement
 - Unforeseen Failures/Damages Needing Mitigations

Category	Project	Notes
BSS	Third Street and Bridlewood Drive Signal	Warranted Installation
BSS	Johnson Street from 2nd Street to 3rd Street	Support DTMP Project

Maintaining Resource Capacity for New CIP Projects is Important!



❖NTIB Project Matrix

×	Long-1	erm	Main	tenance	

						Priority Co	nsideration	IS			
NTIB Transportation Project	Improvement Description	Safety	System Capacity	Livability	EcoDevo	Public Impact	Public Demand	Public Health	Condition	*Maint. Impact	Complexity (and Risk)
Douglas Street - 4th Street to Blue Pkwy	Reconstruct to Complete Street	•	0	•		•	•	0	0	•	Low
Scherer Road - Ward to M291 Hwy	Improve to Urban 3/5-Lane Road	•	•	•	•	•	•	•	•	•	High
Scherer Road - Sampson to Ward	Improve to Urban 4/5-Lane Road	•	•	•	•	•	•	•	•	•	High
Longview Blvd - Longview Road to Scherer	Extend Arterial	0	•	•	0	•	0	•			Medium
Langsford Road - M291 Hwy to East City Limits	Add Turn Lanes	•	0	0		•	0	0	0		High
Lakewood Way - Woods Chapel to Bowlin Road	Add Turn Lanes/Curb/Sidewalk	•	0	•		•	0	0	0	0	Medium
Lakewood Way - Bowlin Road to North City Limits	Add Turn Lanes/Shoulder or Path	0	0	•		0	•	0	0	0	Low
Todd George Parkway - Colbern Road to Wood Chapel Road	Improve to Urban 4/5-Lane Road	•	•	•	•	•	•	•		•	Low
Airport Property Acquisitions & Hanger 2	Airport Master Plan Investment										
Facility (City Hall) Sidewalks & Hanger 1 Improvements	Facility Reinvestment										
Sidewalk Gap Program	Sidewalk Construction										

		Plan Al	ignment		Other	Factors	actors	
NTIB Transportation Project	Improvement Description	Ignite! Comp. Plan Ignite! Strategic Plan		Cost (\$\$\$)	Cost Sharing Potential	Urgency	Schedule (Est.)	
Douglas Street - 4th Street to Blue Pkwy	Reconstruct to Complete Street			\$5M	0		3 Years	
Scherer Road - Ward to M291 Hwy	Improve to Urban 3/5-Lane Road			\$17M	•	•	5-7 Years	
Scherer Road - Sampson to Ward	Improve to Urban 4/5-Lane Road			\$30M	•	•	6-7 Years	
Longview Blvd - Longview Road to Scherer	Extend Arterial			\$3.5M			3 Years	
Langsford Road - M291 Hwy to East City Limits	Add Turn Lanes		(a) (A) (A)	\$5M		0	3-4 Years	
Lakewood Way - Woods Chapel to Bowlin Road	Add Turn Lanes/Curb/Sidewalk		(a) (A) (A)	\$4.4M			3-4 Years	
Lakewood Way - Bowlin Road to North City Limits	Add Turn Lanes/Shoulder or Path			\$6.4M			3-4 Years	
Todd George Parkway - Colbern Road to Wood Chapel Road	Improve to Urban 4/5-Lane Road			\$24M	•	•	4 Years	
Airport Property Acquisitions & Hanger 2	Airport Master Plan Investment							
Facility (City Hall) Sidewalks & Hanger 1 Improvements	Facility Reinvestment							
Sidewalk Gap Program	Sidewalk Construction							



Timing of Bond Issuances

- ❖ Available Capacity, Not Expected to Issue All Debt/No Need to Issue All Debt
- ❖Other Debt Issued for other NTIB Question Projects Simultaneously/Coordinated

Resources/Staff Availability

- Current Projects and Available Project Managers/Inspectors/Designers/Support
- ❖ Expectations to work within existing FTE's.
- ❖ Projected/Committed 10-year NTIB rollout (Start All Projects Within 10 Years).

❖Time/Schedule to Deliver

- ❖Some Projects may take 2-3 years Start to Finish
- ❖Some Projects may take 7-8 years Start to Finish
- ❖ Significant influences beyond scale of project:
 - Property Acquisitions
 - Utility Relocations
 - ❖Permitting/Historical & Environmental Issues



- Complexities/Risk
 - ❖ Public Disruptions (Traffic, Utilities)
 - Impacts of Deferrals to Safety and Costs
- Significance of Project Impacts (Benefits)
 - ❖ Population Impacted (Volumes)
 - ❖ Development Impediments Remediated/Community Growth Opportunities
 - ❖ Severity of Crash Contributors Addressed/Mitigations
- Project Contingencies
 - ❖ What, if any, Project Coordination Efforts between Projects or Sequencing
 - ❖Work and Closure Coordination (Proximity of Projects and Shared Impacts)
- Other Factors
 - Existing Conditions/Maintenance Coordination and Infrastructure Life-Cycle
 - ❖ Federal Funding Eligibility and Competitive Cycles
 - Cost Sharing or Public-Private Partnership Potential



Staff DRAFT Recommendation

- ❖Top priorities in the 5-Year CIP (Upcoming 2025-2029 CIP)
 - ❖Sidewalk Gap Funding
 - ❖ Airport Land Acquisitions & Hanger 2 Project
 - ❖ Douglas St (4th to Blue Pkwy)
 - ❖Scherer Rd (Phase 1 Ward to M291)
 - ❖ Scherer Rd (Phase 2 Sampson to Ward) & Longview Blvd (Longview to Scherer)
 - ❖Some of these projects (e.g. Scherer) will not be completed in the 5 year CIP
- Next priorities in the CIP (all begin within the 10-year Period)
 - ❖ Remaining NTI projects start to show up towards the end of the upcoming CIP
 - Construction of projects may occur in the "out years" (and thereafter 2034)
- Other Project Considerations
 - ❖ Defer Independence Ave. to end of 2017 CIP Sales Tax 3rd Tier (est. 2032)
 - ❖ Advance Parking Garage from end of 2017 CIP Sales Tax to Current CIP
 - ❖ Potential Emerging Needs (e.g. Johnson St., Warranted Signals)



Staff DRAFT Recommendation for NTIB

FY2025-2029 CIP (Fiscal Year Funding Schedule)

Bridges, Streets Signals

*Costs in \$1000's

Red Numbers indicate Need to review \$\$\$ and Years. When OKAY, change to BLACK Text.

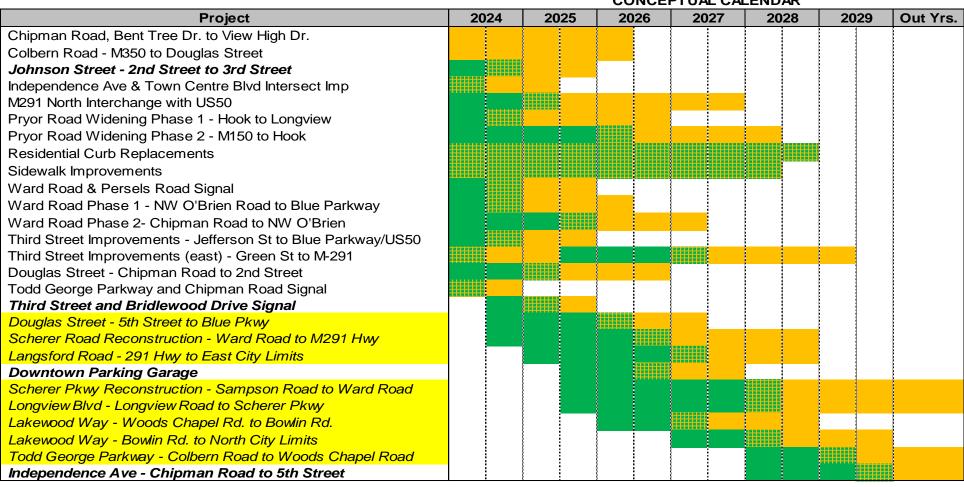
Project	Prior Yrs.	2025	2026	2027	2028	2029	Total
Chipman Road, Bent Tree Dr. to View High Dr.	17,912	632	-	-	-	-	18,544
Colbern Road - M350 to Douglas Street	27,482	2,204	-	-	-	-	29,686
Johnson Street - 2nd Street to 3rd Street		2,500					2,500
Independence Ave & Town Centre Blvd Intersect Imp	1,875	-	-	-	-	-	1,875
M291 North Interchange with US50	17,950	10,400	500	-	-	-	28,850
Pryor Road Widening Phase 1 - Hook to Longview	24,720	2,000_	-	-	-	-	26,720
Pryor Road Widening Phase 2 - M150 to Hook	1,000	3,200	4,000	2,250	-	-	10,450
Residential Curb Replacements	2,280	740	1,150	1,260	1,300	-	6,730
Sidewalk Improvements	2,500	1,000	1,500	1,500	2,000	_	8,500
Ward Road & Persels Road Signal	4,466		-	-	-	_	4,466
Ward Road Phase 1 - NW O'Brien Road to Blue Parkway	4,029	1,250	-	_	_	_	5,279
Ward Road Phase 2- Chipman Road to NW O'Brien	930	570	3,000	1,464	_	_	5,964
Third Street Improvements - Jefferson St to Blue Parkway/US50	7,049	_	, -	, -	_	_	7,049
Third Street Improvements (east) - Green St to M-291	-	500	1,000	2,500	1,000	_	5,000
Douglas Street - Chipman Road to 2nd Street	2,536	5,447	2,900	-	-	_	10,883
Todd George Parkway and Chipman Road Signal	15	550	-	-	-	_	565
Third Street and Bridlewood Drive Signal	-	16	<i>57</i> 6	-	-	-	592
Douglas Street - 5th Street to Blue Pkwy	-	<i>750</i>	1,750	2,500	-	-	5,000
Scherer Road Reconstruction - Ward Road to M291 Hwy	-	1,000	1,000	3,900	8,500	-	14,400
Langsford Road - 291 Hwy to East City Limits	-	<i>500</i>	1,000	1,000	2,500	_	5,000
Downtown Parking Garage		-	3,500	6,500			10,000
Scherer Pkwy Reconstruction - Sampson Road to Ward Road	-	-	1,250	1,750	7,000	10,600	20,600
Longview Blvd - Longview Road to Scherer Pkwy	-	-	300	1,200	2,000	-	3,500
Lakewood Way - Woods Chapel Rd. to Bowlin Rd.	-	-	<i>850</i>	2,500	1,000	-	<i>4,350</i>
Lakewood Way - Bowlin Rd. to North City Limits	-	-	-	400	2,600	3,400	6,400
Todd George Parkway - Colbern Road to Woods Chapel Road	-	-	-	-	1,500	5,500	7,000
Independence Ave - Chipman Road to 5th Street	-	-	-	-	500	1,000	1,500
Subtotal	114,744	33,259	24,276	28,724	29,900	20,500	251,403
Less water and sewer funds included in totals	7,259	848	796	0	0	0	8,903
Total Transporation Funding	107,485	32,411	23,480	28,724	29,900	20,500	242,500



Staff DRAFT Recommendation for NTIB

CONCEPTUAL CALENDAR

FY2025-2029 CIP Calendar Year **Activity Schedule**



Pre-Construction Activities (Design, Property Acquisition, Permitting, Utility Reolcation) Construction Activities (Construction, Utility Relocation)



Next Steps

- Staff Prepares CIP & Additional PWC Work Sessions (Nov.-Feb.)
- Annual License Tax Committee Meeting (December)
- ❖PWC Meeting(s) for 2025-2029 CIP
- Livable Streets Report of CIP to Wellness Commission
- City Council Annual License Tax Report (Staff Report)
- ❖ Planning Commission Public Hearing for 2025-2029 CIP
- ❖ Planning Commission Resolution Adopting the 2025-2029 CIP
- City Council Resolution Adopting the 2025-2029 CIP (5-year plan)
- City Council FY25 Budget Approval (one-year funding authorization)

Discussion & Questions

Michael Park, PE, PTOE
Director of Public Works

Michael.park@cityofls.net

816.969.1800



