

Capital Projects Update

12.19.2023



AGENDA

- Completed/Substantially Completed Projects
- In Progress Projects
- Just Beginning Projects
- In Design/Planning/Permitting Projects

Completed/ Substantially Completed Projects

Q1 Police Tower Glass Replacement

4

Project Summary

Replacement of all curtain wall and storefront glass, including custom curtain wall metal extrusions to accommodate conversion of system from single pane .25" glass to double pane insulated glass.

Budget

\$3,700,000.00

Funding Source(s)

TCO20

Status

Complete

Comments

Final pane of glass set on Nov 30 2023



Project Status

Completed

Project Progress

100%

Estimated Dates

Start Date

2/ 6/ 2023

Completion Date

11/ 30/ 2023

Project life to date expense

\$3,663,125

Project Summary

Road Reconstruction (Lake Shore Drive to FM 3051),
Drainage Improvements, Bridge Repairs

Budget

\$6,482,853.00

Funding Source(s)

2021 and 2022 COs, General Fund Cash

Status

Punchlist/ Final Closeout

Comments

<p>Nominated for the Texas Asphalt Pavement Association (TXAPA) Quality Asphalt Pavement Award</p> <p>All design, inspection, and construction management completed by Public Works staff</p> <p>Original Completion date was February 9, 2024</p>
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Project Status	Project Progress	Estimated Dates		Project life to date expense
Completed	100%	Start Date 9/ 26/ 2022	Completion Date 12/ 18/ 2023	\$6,173,239





Project Summary

Reconstruction of approximately:

4,700 ft of street and sidewalk improvements

4,000 ft of drainage improvements

4,000 ft of waterline improvements

300 ft of wastewater improvements

Budget

\$13,820,930.00

Funding Source(s)

2017, 2021, 2022 COs, General Fund Cash, Water,
Wastewater, and Drainage COs and TIF Funds

Status

Punchlist/ Final Closeout

Comments



Project Status

Completed

Project Progress

98%

Estimated Dates

Start Date

2/ 1/ 2021

Completion Date

12/ 31/ 2023

Project life to
date expense

\$13,609,093

BEFORE CONSTRUCTION



Empire Seed



East Waco Library

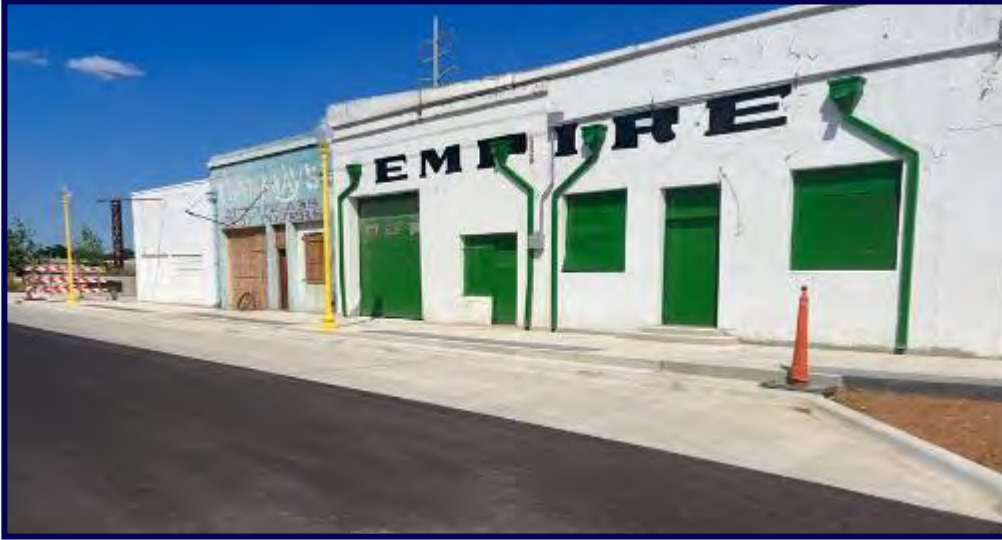


Nathaniel McCoy Street



Sherman Street

AFTER CONSTRUCTION



Empire Seed



East Waco Library

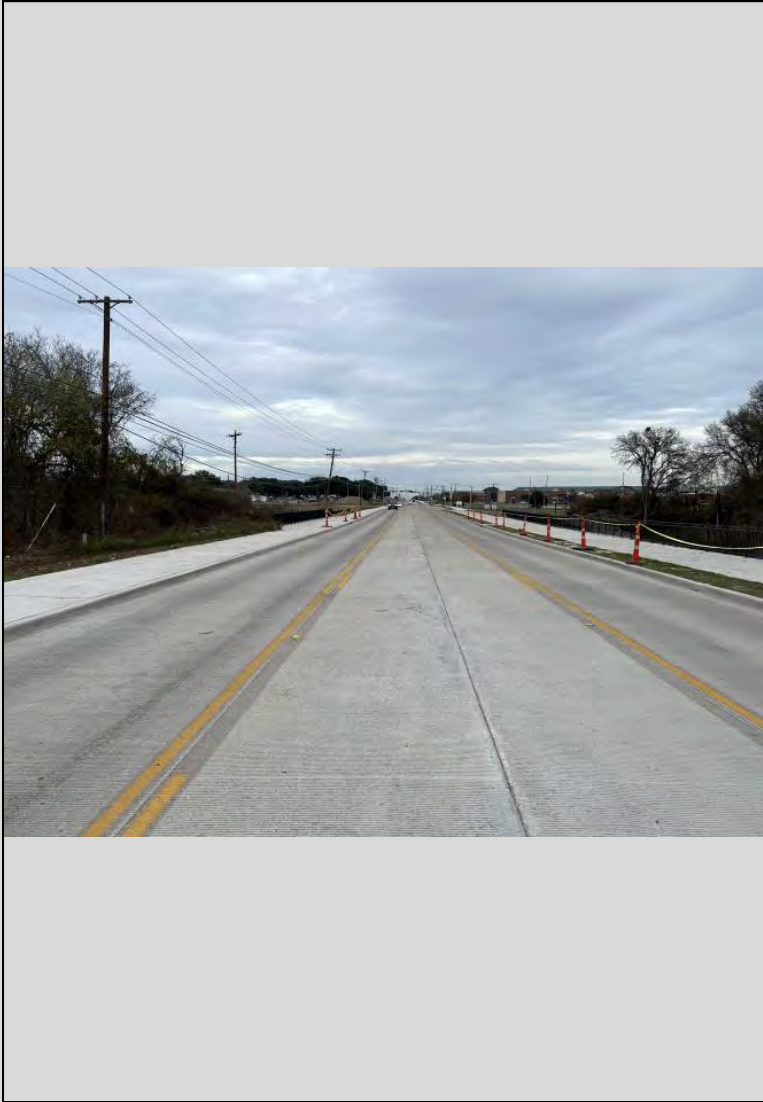


Nathaniel McCoy Street



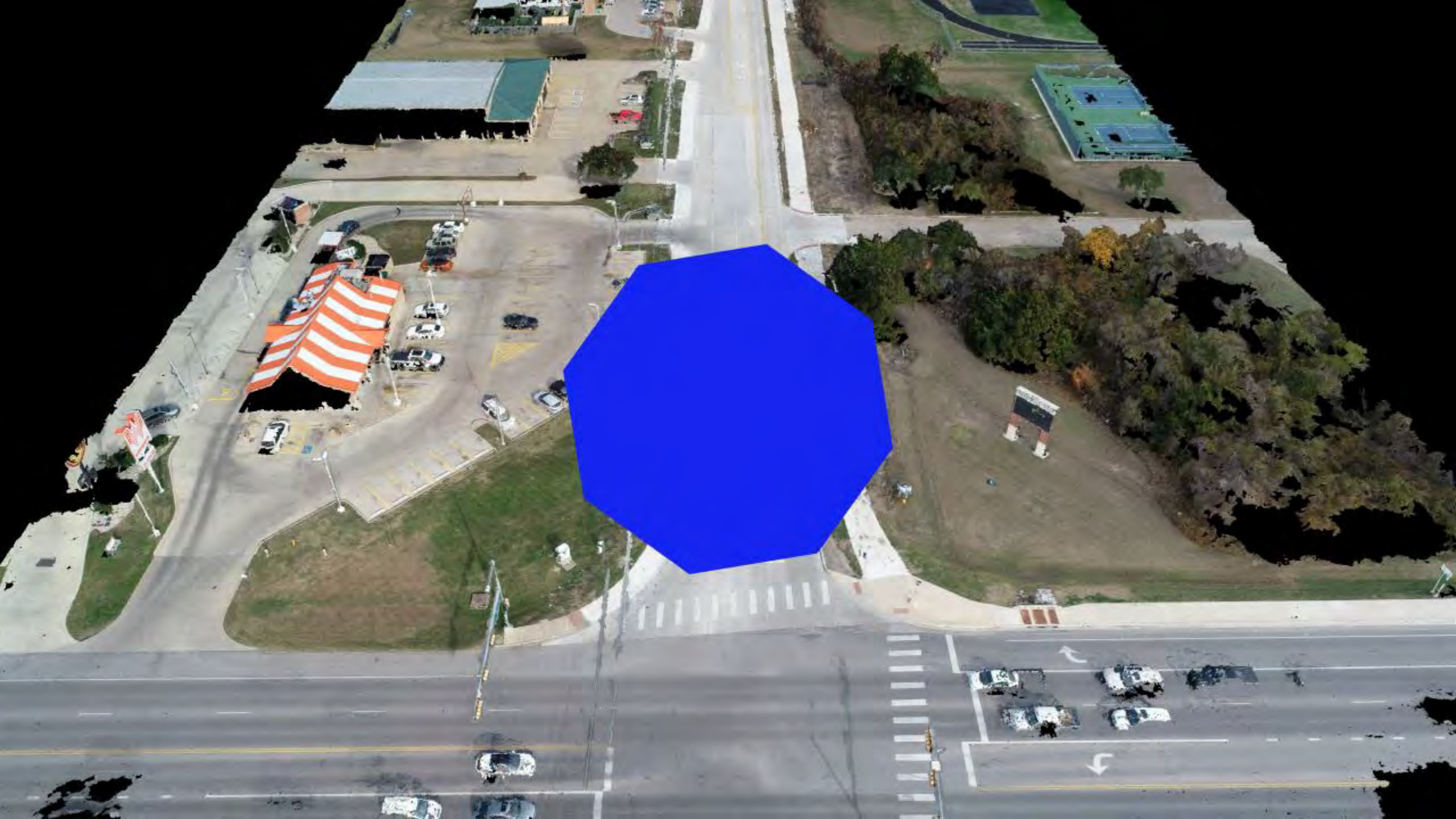
Sherman Street

Project Summary
Reconstruction and widening Mars Drive from Hewitt Drive to Texas Central Parkway and Old Hewitt Road from Mars Drive to Imperial Drive. The scope of the project recommends widening both roadways, the addition of right turn lanes at the intersection of Mars Drive and Old Hewitt Road, concrete pavement, a new sidewalk along Mars Drive, and several storm drainage improvements along Mars Drive.
Budget
\$12,482,233.00
Funding Source(s)
2020 and 2021 COs
Status
Construction <ul style="list-style-type: none">•Finished Old Hewitt Paving on November 22, 2023.•Finished Rail along both sides of culvert on December 7, 2023, with minor paint touch ups necessary.•Working on drainage inlets/outlets along Old Hewitt
Comments
Original Completion date was August 3, 2023



Project Status	Project Progress	Estimated Dates		Project life to date expense
Behind Schedule	90%	Start Date	Completion Date	\$10,222,887
		1/6/2022	2/5/2024	







Project Summary
Street improvements on 5th Street from Waco Drive to IH35 and on a portion of Webster between 4th & 5th Streets.
Budget
\$12,269,386.00
Funding Source(s)
2019, 2020, 2021, 2022 COs, General Fund Cash, Wastewater Funding, Water Funding, and TIF Funding
Status
Project Audit and Closeout
Comments
Original Completion date was July 25, 2022



Project Status	Project Progress	Estimated Dates		Project life to date expense
Completed	100%	Start Date	Completion Date	\$11,639,745
		6/ 15/ 2020	12/ 15/ 2023	



Project Summary
The Doris Miller Community Center Renovation project consists of three primary components including interior renovations and repairs necessary for City operation and public opening, aquatics renovations to support indoor and outdoor programming, and campus-wide improvements to maximize operational efficiency and public benefit.
Budget
\$5,742,949.00
Funding Source(s)
General Fund Cash and 2022 COs
Status
Facility is open. HVAC installed in November 2023 and completed interior renovations. Now onto Aquatic and Outdoor Park Design.
Comments
Consultant is preparing construction documents for natatorium improvements and schematics for natatorium additions, outdoor aquatic amenities and park design.
Recent Milestones
oCommunity programming survey
oSports court surface, electrical system improvements
oOutdoor Layouts
Next Steps
oPurchase of new gym bleachers
oRefurbished sports court for basketball and pickle ball
oBids for natatorium improvement project to get operational – Additions such as a restroom/ washroom will be a second phase



Project Status	Project Progress	Estimated Dates		Project life to date expense
On Track	75%	Start Date	Completion Date	\$4,720,305
		12/ 14/ 2022	6/ 30/ 2024	



In Progress Projects

Project Summary

Design and construction of a new Education Center and Veterinary Hospital at the Cameron Park Zoo.

Budget

\$17,423,559.00

Funding Source(s)

20 County Bonds, TCO23, Zoo Society, and Society Donations

Status

Under construction - 30%

Comments

Project is on track for completion in Summer of 2024



Project Status

On Track

Project Progress

76%

Estimated Dates

Start Date

1/1/2020

Completion Date

5/31/2024

Project life to date expense

\$16,737,484









Project Summary

New construction of an African penguin exhibit with a black-footed cat, family restroom, vending kiosk, plaza, and donor sign as accepted add-alternates to the exhibit space.

Budget

\$12,280,009.00

Funding Source(s)

20 County Bonds, TCO23, Zoo Society, and Society Donations

Status

Under construction - 35%

Comments



Project Status

On Track

Project Progress

74%

Estimated Dates

Start Date

1/1/2022

Completion Date

5/9/2024

Project life to date expense

\$12,008,899









ZOO BOND PROJECTS
PROJECT TIMELINE

			2022		2023												2024															
	starts	ends	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S							
Penguin Exhibit																																
Construction Phase					CONSTRUCTION												STARTUP				CLOSEOUT											
✓ Groundbreaking	DEC '22																															
✓ Site Demo and Grading	JAN '23	MAR '23			1	2	3																									
✓ Utilities & Foundations	MAR '23	JUN '23				3	4	5	6	7	8	9	10																			
✓ Structural Steel and Masonry	JUL '23	AUG '23											9	10	11	12																
✓ Roofing and Exterior	AUG '23	JAN '24														10	11	12	13													
✓ Life Support & Exhibit	AUG '23	FEB '24													3	5	10	11	12	13	14											
Building Systems	JAN '24	APR '24															13	14	15	16												
Commissioning, Testing, Opening Prep	MAR '24	JUN '24																			15	16	17	18								
Project Completion	JUN '24																															
Education / Vet																																
Construction Phase				PRECON	CONSTRUCTION													CLOSEOUT														
✓ Groundbreaking	DEC '22																															
✓ Site Demo, Grading, Earthwork	FEB '23	JUN '23			1	2	3	4	5																							
✓ Foundations	MAR '23	OCT '23				2	3	4	5	6	7	8	9																			
✓ Structural Steel and Heavy Timber Framing	OCT '23	DEC '23											9	10	11																	
✓ Roofing and Exterior	OCT '23	FEB '24													9	10	11	12	13													
Interior Framing and Finishes	DEC '23	MAY '24															11	12	13	14	15	16										
Building Systems	JUN '24	JUN '24																														
Project Completion	JUN '24																															

Project Summary	
Purchase and Installation of Generators	
Budget	
\$7,322,351.00	
Funding Source(s)	
ARPA, Water and Wastewater Funds	
Status	
Construction of Generators	
Comments	
The generators have been ordered and some of the small generators have begun arriving on site. The engineering consultant is currently developing plans for the generators' installations. A RFB will be advertised, to find a contractor to install the generators once the plans are complete. Original Completion date was April 2024.	

Just beginning Projects

Project Summary

New construction of Fire Station 15 at Panther Way and Ritchie Road. Approximately 8,000 square foot station with three apparatus bays, individual sleeping quarters, and accommodations for up to eight fire personnel per shift.

Budget

\$5,867,327.10

Funding Source(s)

TCO19, TCO 22, TCO23, GEN20

Status

Groundbreaking

Comments

Construction NTP issued Dec 2023.



Project Status

On Track

Project Progress

50%

Estimated Dates

Start Date

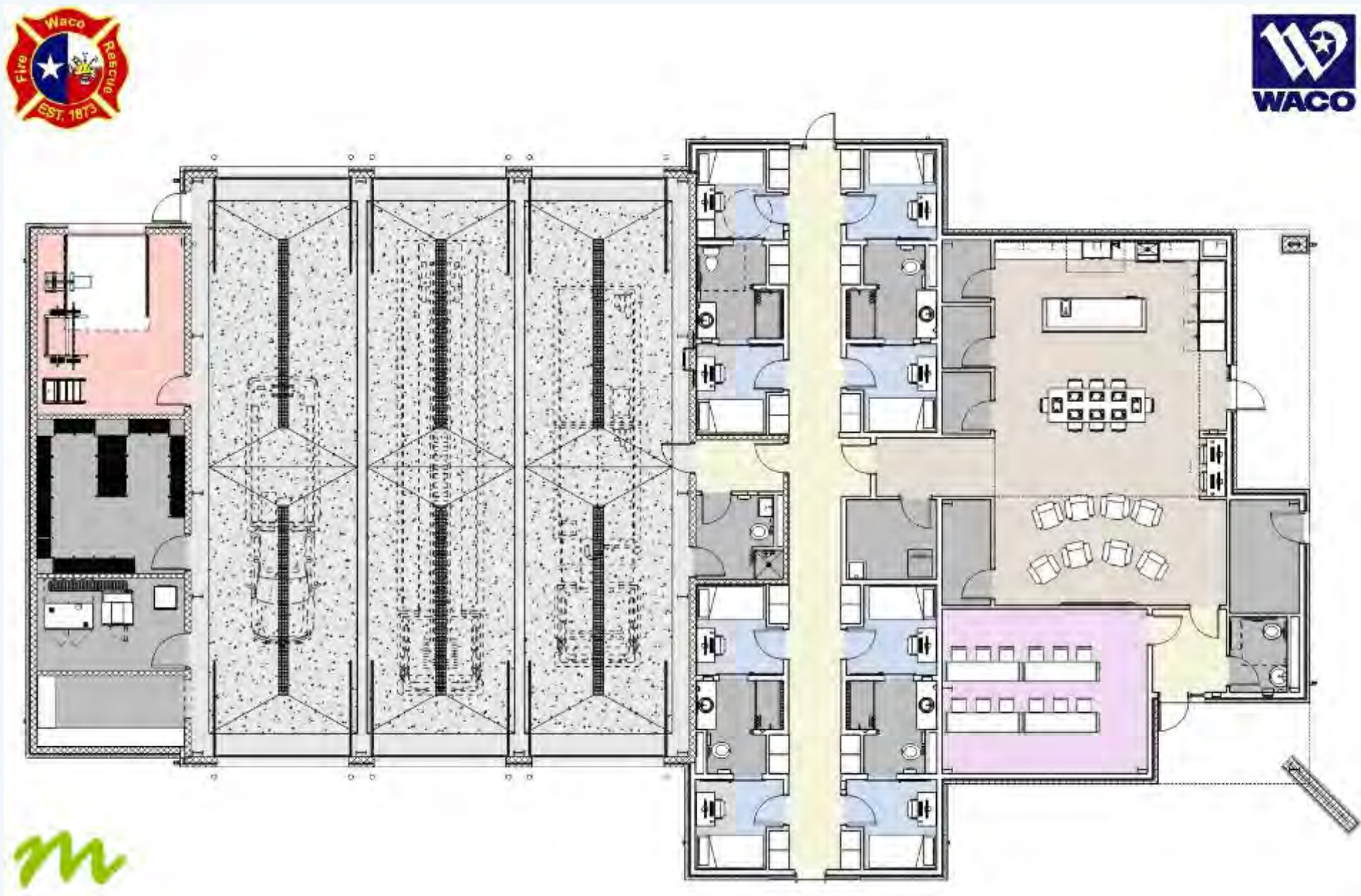
5/ 1/ 2022

Completion Date

3/ 18/ 2025


Project life to date expense

\$5,519,025



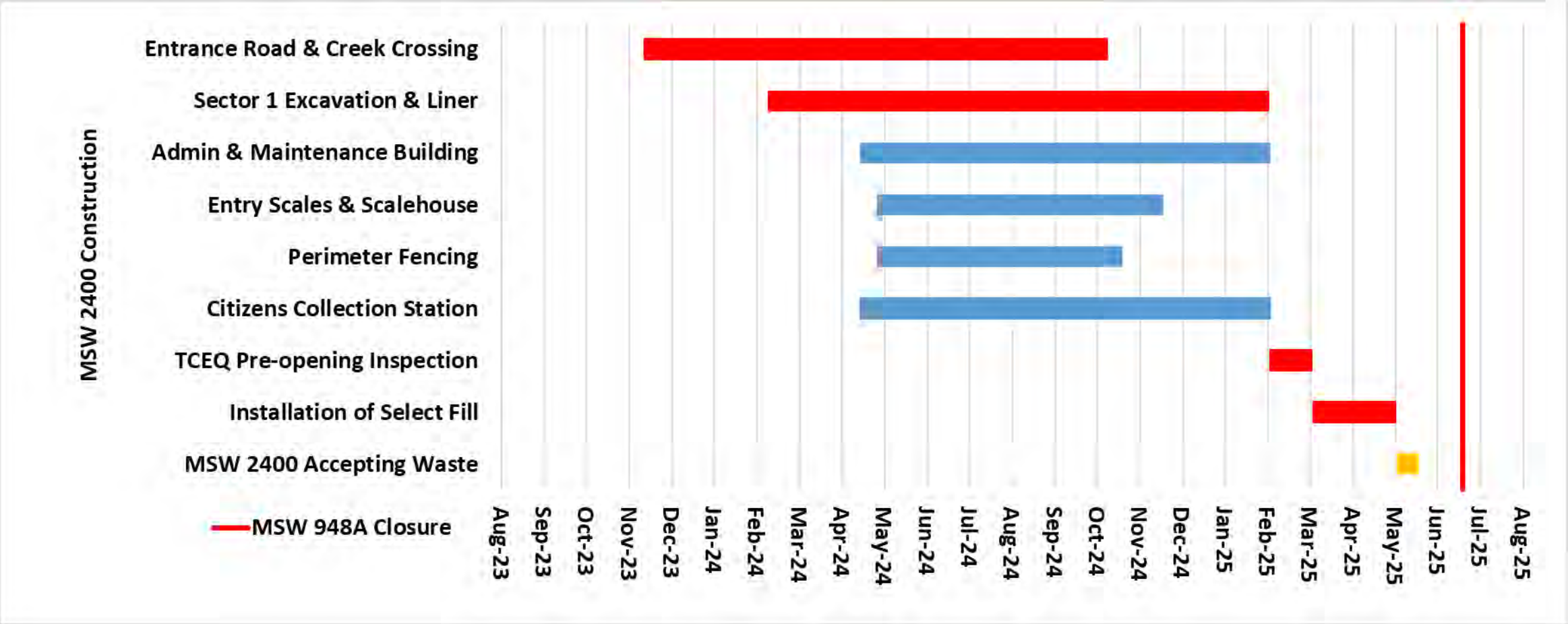
Fire Station 15

[illegible]

Q1 MSW2400 Landfill	
Project Summary	
New landfill planning and construction due to the current landfill approaching capacity. A new disposal site must be created and constructed. Project includes all services surrounding the purchase, permitting, design, and construction of a new landfill and new landfill facilities.	
Budget	
\$29,774,986.00	
Funding Source(s)	
Solid Waste Debt	
Status	
Design/ Construction	
Comments	
Permitting: <ul style="list-style-type: none">•Permitting complete•TCEQ Permit received 05/ 22/ 2023•All parties settled with as of 09/ 12/ 2023 Site Development: <ul style="list-style-type: none">•Entrance RoadoDesign completeoUnder Construction└ Knife River – South awarded contract└ Notice to Proceed issued 11/ 13/ 2023└ Estimated completion date 10/ 2024 •Sector 1 <ul style="list-style-type: none">oDesign completeoCurrently out for bids under RFB 2023-086 with bid opening schedule 12/ 28/ 2023oAnticipated Council consideration for construction contract 01/ 16/ 2024oAnticipated Notice to Proceed for 02/ 11/ 2024oEstimated completion date 02/ 2025 •Scalehouse, Administration, Maintenance buildings, and Citizens Collection Station <ul style="list-style-type: none">oCurrently in final designoRFB to be issued early 2024 •Perimeter Fencing and Site Markers <ul style="list-style-type: none">oCurrently in final designoRFB to be issued early 2024 •Entrance Scales and Utilities <ul style="list-style-type: none">oCurrently at 60% designoRFB to be issued early to mid-2024 •Groundwater Wells and Gas Monitoring Probes <ul style="list-style-type: none">oCurrently at 60% designoRFB to be issued early to mid-2024	
	

Project Status		Project Progress		Estimated Dates		Project life to date expense
On Track		20%		Start Date	Completion Date	\$8,287,983
				11/ 13/ 2023	5/ 30/ 2025	





Projects in Design/Planning /Permitting

Project Summary
Relocate fire station #4 to provide an 8200 sqft facility with three apparatus bays and modern living quarters such as individual bedrooms and jack-and-jill bathrooms.
Budget
\$7,022,000.00
Funding Source(s)
TCO22, TCO24
Status
Pre-Design
Comments



Project Status	Project Progress	Estimated Dates		Project life to date expense
On Track	0%	Start Date	Completion Date	\$0
		1/1/2024	4/30/2026	

FIRE STATION 04 PROJECT TIMELINE

Fire Station 04			2024												2025												2026											
			J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S			
Project Schedule	Starts	Ends					REVIEW		RFP		CONSTRUCTION												CLOSE															
Design Contracting / NTP	Jan-24	Feb-24	1	2																																		
Design	Feb-24	Oct-24	2	3	4	5	6	7	8	9	10																											
Plan Review, Permitting, Design Publish	Sep-24	Dec-24									9	10	11	12																								
Request for Proposals	Jan-25	Feb-25													13	14																						
RFP Review and Council Approval	Feb-25	Apr-25													14	15	16																					
Construction Notice to Proceed	May-25																																					
Construction	May-25	Jun-26													1	2	3	4	5	6	7	8	9	10	11	12	13	14										
Closeout	Jul-26	Aug-26																									15	16										
Completion	Aug-26																																					

Project Summary

Renovation of Bledsoe Miller Community center for a new STEM center.

Budget

\$6,290,000.00

Funding Source(s)

ARPA, CASH-FAC

Status

Design/ Programming

Comments

Successful community engagement meeting held on Dec 7, 2023 to gather community feedback and interest in programming ideas.



Project Status

On Track

Project Progress

10%

Estimated Dates

Start Date

10/ 2/ 2023

Completion Date

12/ 31/ 2024

Project life to date expense

\$552,530

Project Summary

Re-Visioning of the Hart-Patterson Track, Waco Creek and Bell's Hill Park to establish inclusive playground and community park benefits, essential neighborhood connectivity, and integration with city-wide trails.

Budget

\$25,358,000.00

Funding Source(s)

FY21 GF; FY22 COs \$2,858,000; FY23 COs \$10,000,000
FY24 COs \$12,500,000

Status

Vision Plan

Comments

Completed two community engagement meetings;
Collected data from nearly 400 submitted surveys, site assessment.

Next Steps:

Finalize concepts and schemes to bring to Council.
Expected for March 2024



Project Status

On Track

Project Progress

20%

Estimated Dates

Start Date

7/ 17/ 2023

Completion Date

9/ 30/ 2026

Project life to date expense

\$261,599



Project Summary
The Riverwalk Redevelopment project provides needed replacement and significant improvements of some of the first sections of Waco's Riverwalk. This effort will not only assure seamless integration with the nearby public improvements, but will also reduce the trail's flood vulnerability, and implement new nodes of exciting recreation opportunities.
Budget
\$30,200,000.00
Funding Source(s)
TIF Funds
Status
Design Development - 50% Construction Documents
Comments
Completed two community engagement meetings; Collected data from nearly 400 submitted surveys, site assessment. Next Steps: Finalize concepts and schemes to bring to Council. Expected for March 2024



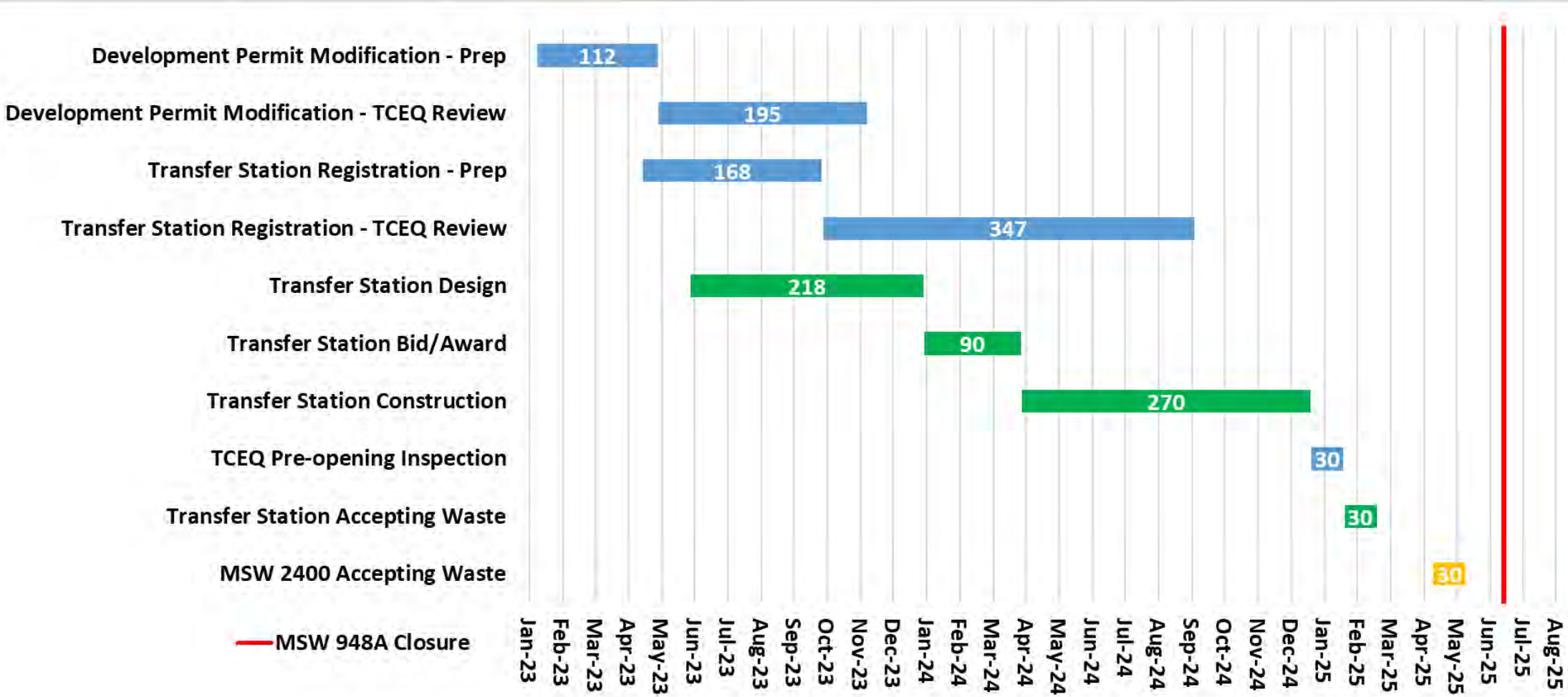
Project Status	Project Progress	Estimated Dates		Project life to date expense
On Track	50%	Start Date	Completion Date	\$3,675,476
		3/ 1/ 2022	9/ 30/ 2025	



Project Summary
Construct and operate a transfer station to efficiently relocate refuse material from Waco to the MSW 2400 Landfill. The project includes all services surrounding the purchase, permitting, design, and construction of the transfer station and transfer station facilities. It is estimated that the long haul operation facilitated by the transfer station will result in an annual cost savings of approximately \$1,640,000.00 compared to direct hauling waste to the MSW2400 Landfill. The proposed Transfer Station will generate a cost savings for the City of approximately \$20 million over a 10-year period compared to direct hauling.
Budget
\$13,510,000.00
Funding Source(s)
Solid Waste Debt
Status
Design/ Permitting
Comments
Permitting: <ul style="list-style-type: none">•Subchapter T Development Permit received from TCEQ 10/ 19/ 2023oThis allows us to develop and construct facility on a closed landfill•Transfer Registration Application submitted to TCEQ for review 10/ 13/ 2023. Estimated 12 month review period
Site Development: <ul style="list-style-type: none">•Transfer StationoIncludes transfer station building, Scalehouse, entrance road, parking, utilities, and citizens collection stationoCurrently in final designoRFB to be issued early 2024•FM 3400 WideningoCurrently at 60% designoRFB to be issued early to mid-2024•Transfer Station SeweroCurrently at 60% designoRFB to be issued early to mid-2024



Project Status	Project Progress	Estimated Dates		Project life to date expense
On Track	10%	Start Date	Completion Date	\$473,512
		1/ 9/ 2023	3/ 4/ 2025	



Project Summary
Expansion of the Bull Hide Wastewater Treatment Plant
Budget
\$54,431,335.00
Funding Source(s)
WMARSS COs
Status
Design
Comments
Initial study indicated that Bull Hide Creek WWTP might be able to increase capacity without expanding the plant. Unfortunately the flows at Bull Hide Creek WWTP exceeded the allowance and per State Regulations we are required to expand the plant. Waco City Council approved an ammendment to CDM Smith's contract on March 18, 2023 to proceed with the design to expand Bull Hide Creek WWTP plant from a 1.5 MGD plant to a 4 MGD plant. The City of Hewitt and Lorena will begin paying for their share of the plant in October 2024. Their payments will include their share of the cost for the study, design, and construction of the plant - Lorena 12% and Hewitt 20%. Original Completion was expected Spring 2023.



Project Status	Project Progress	Estimated Dates		Project life to date expense
Behind Schedule	30%	Start Date	Completion Date	\$4,431,335
		7/ 20/ 2021	9/ 30/ 2024	

Summary

Summary

- Staff continues to progress in starting and completing all the projects within the Capital Improvements Program in what has been the largest investments the City has made in its Capital Improvement Program all while managing ever rising costs and supply chains
- Looking forward FY24 CIP looks to set a new bar as the largest CIP in the City's history
- City continues to build a safe and resilient city through infrastructure improvements that also enhance the City's quality of life, supports sustainability, and facilitates economic development while fostering a culture of equity and inclusion

Questions?

Please contact Nicholass@wacotx.gov for any questions