



City of Chattanooga

Mayor Tim Kelly

January 31, 2026

J.C. Goodwin
Water Enforcement Branch
Enforcement and Compliance Assurance Division
US EPA-Region 4
61 Forsyth Street, SW
Atlanta, GA 30303-8960

**Re: *United States of America et. al. v. City of Chattanooga, No. 1:12-cv-0024*
Annual Work Progress Report No. 19 – January 2025 to December 2025**

Dear Mr. Goodwin:

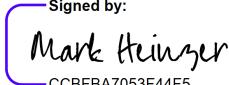
On behalf of the City of Chattanooga, Tennessee (“City”), and in accordance with the consent decree entered by the United States District Court for the Eastern District of Tennessee (Southern Division), on April 24, 2013, in the case styled the United States of America et. al. v. City of Chattanooga, No. 1:12-cv-0024 (“Consent Decree”), we are submitting to both the Environmental Protection Agency (“EPA”) and the Tennessee Department of Environment and Conservation (“TDEC”) the nineteenth annual work progress report required pursuant to paragraph 39 of the Consent Decree. This report is also being submitted in accordance with the letter from Denise Diaz, dated September 16, 2013, establishing the dates for reporting under the Consent Decree.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering such information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Mr. John Goodwin
January 31, 2026
Page Two

Please let me know if you have any questions regarding our submittal.

Sincerely,


Signed by:
Mark Heinzer
QCBFBA7053F44E5
Mark Heinzer, P.E.
Administrator, Wastewater Department

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Annual Work Progress Report No. 19

January 1 – December 31, 2025

Prepared for
**Environmental Protection Agency and Tennessee
Department of Environment and
Conservation**

City of Chattanooga
Wastewater Department
Consent Decree Program
Case No. 1:12-cv-00245

Prepared by
City of Chattanooga
Wastewater Department

Submitted by
Jacobs
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Consent Decree Program Manager

Chattanooga, Tennessee
January 31, 2026

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Acronyms and Abbreviations

ARAP	Aquatic Resource Alteration Permit
CAP	Capacity Assurance Program
CD	Consent Decree
CIPP	Cured in Place Pipe
CMOM	Capacity, Management, Operations, and Management
CSO	Combined Sewer Overflow
CSOTF	Combined Sewer Overflow Treatment Facility
CSS	Combined Sewer System
EFT	Electronic Funds Transfer
EPA	Environmental Protection Agency
ESIP	Enterprise South Industrial Park
FOG	Fats, Oils, and Grease
FSE	Food Service Establishments
GLPMP	Gravity Line Preventative Maintenance Program
HVAC	Heating, Ventilation, and Air Conditioning
I/I	Inflow and Infiltration
IPS	Influent Pump Station
ISS	Interceptor Sewer System
LF	Linear Feet
LTCP	Long Term Control Plan
MBWWTP	Moccasin Bend Wastewater Treatment Plant
MBEC	Moccasin Bend Environmental Campus
MCC	Motor Control Center
MGD	Million Gallons per Day

N/A	Not Applicable
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollution Discharge Elimination System
NTP	Notice to Proceed
PCP	Process Controls Program
PCCMP	Post Construction Compliance Monitoring Program
PDR	Public Document Repository
PLC	Programmable Logic Controller
PS	Pump Station
PSOP	Pump Station Operations Program
PSPMP	Pump Station Preventive Maintenance Program
RDII	Rain-derived Infiltration and Inflow
RFQ	Request for Quotation
SCADA	Supervisory Control and Data Acquisition
SOP	Standard Operating Procedure
SORP	Sewer Overflow Response Protocol
SRF	State Revolving Funds
SSES	Sanitary Sewer Evaluation Study
SSO	Sanitary Sewer Overflow
SUO	Sewer Use Ordinance
TCWN	Tennessee Clean Water Network
TDEC	Tennessee Department of Environment and Conservation
TDOT	Tennessee Department of Transportation
USDOJ	United States Department of Justice
VFD	Variable Frequency Drive
WCTS	Waste Collection and Transmission System
WWD	Wastewater Department

1. Executive Summary

On April 24, 2013, the City of Chattanooga (“City”) entered into a consent decree with the United States and the State of Tennessee, in the case styled *United States of America et. al. v. City of Chattanooga, No. 1:12-cv-00245* (“CD”). This Annual Work Progress Report (“Report”) has been prepared pursuant to the requirements of paragraph 39 of the CD. In accordance with the CD, this Report presents the major milestones achieved in the last 12 months and also provides projections for activities anticipated to be completed in the following 12 months. This Report presents milestones achieved from January 1, 2025, through December 31, 2025 (“Report Period”), and the projections cover the period of January 1, 2026 through December 31, 2026.

In 2023, Chattanooga and EPA entered into a modification on December 4, 2023, which was approved by the Court on September 12, 2024 (“First Material CD Modification”). This First Material CD Modification modified the schedule for a number of existing requirements, along with adding new several new CD projects, as follows:

- Capacity Certifications under ¶20.h.ii., was extended by the First Material CD Modification to “sixty (60) Months after the Effective Date of the First Material Modification to this Consent Decree.”
- Three capital projects were added: e2i2 – Lee Highway; e2i2 – East Ridge; and e2i2 – Signal Mountain/Red Bank. These projects are all due September 12, 2029
- The East Bank/West Bank Outfall Assessment and Rehabilitation Plan in ¶23 of the CD was modified to start “sixty (60) Months after the Effective Date of the First Material Modification to this Consent Decree.”

These changes and additions are highlighted throughout the report below.

During the Report Period, the City developed and submitted the deliverables that are listed in Table 1-1 to the Environmental Protection Agency (“EPA”) and the Tennessee Department of Environment and Conservation (“TDEC”) for review and approval. This information is also presented in Gantt chart format in Appendix A.

Table 1-1

Completed Projects and Submitted Consent Decree Deliverables for the Current Reporting Period

CD Projects and Deliverables	CD Reference	CD Deadline	Submittal Date/Completion Date

Quarterly Report No. 46	Section IX., para 38	1/31/2025	1/31/2025
Quarterly Report No. 47	Section IX., para 38	4/30/2025	4/30/2025
Quarterly Report No. 48	Section IX., para 38	7/31/2025	7/31/2025
Quarterly Report No. 49	Section IX., para 38	10/31/2025	10/31/2025
Annual Work Progress Report No. 18	Section IX., para 39	1/31/2025	1/31/2025
Annual Report 12	Section IX., para 40	2/28/2025	2/28/2025

Table 1-2 lists the projects and deliverables that the City expects to complete during the upcoming annual period of January 1, 2026 through December 31, 2026. This information is also available in Gantt chart format in Appendix A.

Table 1-2

Anticipated Completed Projects and Consent Decree Deliverables for the Next Reporting Period

CD Projects and Deliverables	CD Reference	CD Deadline	Anticipated Submittal/Completion Date
Quarterly Report No. 50	Section IX., para 38	1/31/2026	1/31/2026
Quarterly Report No. 51	Section IX., para 38	4/30/2026	4/30/2026
Quarterly Report No. 52	Section IX., para 38	7/31/2026	7/31/2026
Quarterly Report No. 53	Section IX., para 38	10/31/2026	10/31/2026
Annual Work Progress Report No. 19	Section IX., para 39	1/31/2026	1/31/2026
Annual Report 13	Section IX., para 40	2/28/2026	2/28/2026

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2. Introduction

2.1 Purpose

Pursuant to Section IX, paragraph 39, of the CD, the City is required to submit work progress reports on an annual basis to the EPA and TDEC. Chattanooga has prepared this Report to satisfy this reporting requirement.

2.2 Requirements

As detailed in Section IX of the CD, the City is required to report the following information concerning compliance with the remedial actions set forth under the CD:

1. A description of projects and activities completed and milestones achieved during the previous 12-month period pursuant to the requirements of the CD, in Gantt chart or similar format, including a description of compliance or non-compliance with the requirements of the CD and, if applicable, the reasons for non-compliance;
2. A summary of significant projects and activities anticipated to be performed, and milestones anticipated to be achieved, in the successive 12-month period to comply with the requirements of the CD, in Gantt chart or similar format; and
3. Any additional information the City determines is appropriate to demonstrate that the City is implementing the remedial actions required under the CD in an adequate and timely manner.

2.3 Report Structure

Work progress is presented in the body of the Report in a narrative format. This narrative includes a brief description of each CD project, as well as any activities completed or milestones that were achieved or are anticipated to be completed. In addition to these descriptions, a detailed schedule containing each of the projects in Gantt format is provided in Appendix A.

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3. Work Progress

3.1 Capacity, Management, Operations and Management (“CMOM”) Programs (¶20) (completed)

3.1.1 CMOM-Sewer Overflow Response Protocol (“SORP”) (¶20.a) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016.

3.1.2 CMOM-Emergency Response Plan (¶20.b) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016.

3.1.3 CMOM-FOG Mgmt. Plan (¶20.c) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016. A revised FOG Plan was submitted to the EPA on September 28, 2016 and approved on December 7, 2016.

3.1.4 CMOM-Gravity Line Preventive Maintenance Program (“GLPMP”) (¶20.d) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016.

3.1.5 CMOM-PS Operations Program (“PSOP”) (¶20.e) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016.

3.1.6 CMOM-PS Preventive Maintenance Program (“PSPMP”) (¶20.f) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016.

3.1.7 CMOM-Hydraulic Model Development (¶20.g) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 6 submitted July 27, 2016.

3.1.8 CMOM-Capacity Assurance Program (“CAP”) (¶20.h) (completed)

This CAP report has been completed. See Semi-Annual Work Progress Report No. 7 submitted January 25, 2017.

We note that the requirement for Capacity Certifications under ¶20.h.ii., was extended by the First Material CD Modification to “sixty (60) Months after the Effective Date of the First Material Modification to this Consent Decree.” The end of the 60-month period is September 12, 2029.

3.1.9 CMOM-Inter-Jurisdictional Agreement (“IJA”) Program (¶20.i) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 4 submitted July 24, 2015.

3.2 Sanitary Sewer Evaluation Study (“SSES”) Work Plan (¶21)

SSES Work Plan (¶21.a) (completed)

According to paragraph 21.a. of the Consent Decree, “Within nineteen (19) Months after the Effective Date of this Consent Decree, Chattanooga shall submit to EPA and TDEC for review and comment a SSES Work Plan.” This due date for the SSES Work Plan was November 24, 2014, and Chattanooga submitted it early on November 18, 2014.

Phase I SSES (¶21.b) (completed)

EPA approved the SSES Work Plan on July 10, 2015, which required all of the Phase I SSES work (involving the five following sewersheds: Chattanooga Creek 4; Dobbs Branch 3; South Chickamauga Creek 1; South Chickamauga Creek 5; and South Chickamauga Creek 16) to be completed under the plan by July 10, 2020, in accordance with paragraph 21.b. of the Consent Decree. All of the work under the Phase I SSES Work Plan was completed by by January 29, 2019 as set forth as follows:

3.2.1 Focused SSES and Rehabilitation-Chattanooga Creek 4 (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 10 submitted July 30, 2018.

3.2.2 Focused SSES and Rehabilitation-Dobbs Branch 3 (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 10 submitted July 30, 2018.

3.2.3 Focused SSES and Rehabilitation-South Chickamauga Creek 1 (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 11 submitted January 29, 2019.

3.2.4 Focused SSES and Rehabilitation-South Chickamauga Creek 5 (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 11 submitted January 29, 2019.

3.2.5 Focused SSES and Rehabilitation-South Chickamauga Creek 16 (completed)

This project has been completed. See Semi-Annual Report No. 5 submitted January 27, 2016. We also note that a portion of this work was completed in conjunction with related work in and adjacent to this basin involving the Early Action Capital Improvement Project #3.3.1.3 below (East Brainerd Collection System and PS Rehabilitation). See Semi-Annual Work Progress Report No. 10 submitted July 30, 2018.

Phase II SSES (¶21.b)

According to paragraph 21.b. of the Consent Decree “SSES Phase II shall be completed for the remaining twenty-four (24) Sewersheds, as shown on the map attached hereto as Appendix A, within fifteen (15) years after EPA’s approval of the SSES Work Plan.” Based on the approval date of the SSES Work Plan by EPA, the due date for the Phase II SSES work is July 10, 2030. Chattanooga has begun work on Phase II, as outlined below. Four (4) of the twenty-four (24) sewersheds have already been completed in Phase I in conjunction with related work in and adjacent to this basin involving Early Action Capital Improvement Projects. Three (3) of the remaining twenty (20) basins have also been completed and the remaining seventeen (17) are in process and the status of the SSES work in those sewersheds is provided below.

3.2.6 Focused SSES and Rehabilitation-Tennessee River 10 (completed)

This project was completed as part of Early Action Capital Improvement Project #3.3.1.1 below (DuPont Pump Station and Basin Improvements – Phase 1).

3.2.7 Focused SSES and Rehabilitation-Dobbs Branch 6 (completed)

This project was completed as part of Early Action Capital Improvement Project #3.3.1.7 below (Highland Park Sewer Rehabilitation).

3.2.8 Focused SSES and Rehabilitation-Friars Branch 13 (completed)

This project was completed as part of Early Action Capital Improvement Project #3.3.1.13 below (Friars Branch Basin Improvements).

3.2.9 Focused SSES and Rehabilitation-Mackey Branch 5 (completed)

This project was completed as part of Early Action Capital Improvement Project #3.3.1.3 below (East Brainerd Collection System and PS Rehabilitation).

The following provides the status of the 24 SSES & Rehab Phase II sewersheds.

#	Phase II Sewersheds	Status	Comments
1	Tennessee River 10	Completed – See 3.2.6	
2	Dobbs Branch 6	Completed – See 3.2.7	
3	Friars Branch 13	Completed – See 3.2.8	
4	Mackey Branch 5	Completed – See 3.2.9	
5	Tennessee River 8	Completed	
6	South Chick Creek 9	Completed	
7	Tennessee River 5	Completed	
8	Lookout Creek 3	In Progress	In Design
9	Chattanooga Creek 2	In Progress	In Design
10	Chattanooga Creek 3	In Progress	In Design
11	Tennessee River 6	In Progress	In Design
12	Dobbs Branch 1	In Progress	In Design
13	Citico Creek 4	In Progress	In Design
14	Chattanooga Creek 6	In Progress	In Design
15	Dobbs Branch 2	In Progress	In Design
16	Mountain Creek 2	In Progress	In Design
17	Citico Creek 3	In Progress	SSES in progress
18	Chattanooga Creek 1	In Progress	SSES in progress
19	Citico Creek 2	In Progress	SSES in progress

20	South Chick Creek 11	In Progress	SSES in progress
21	Citico Creek 5	In Progress	SSES in progress
22	Chattanooga Creek 5	In Progress	SSES in progress
23	South Chick Creek 15	In Progress	SSES in progress
24	Friars Branch 15	In Progress	SSES in progress

3.3 Early Action Capital Improvement Projects (¶22)

3.3.1 SSO and Wet Weather Volume Reduction Projects

3.3.1.1 *DuPont Pump Station and Basin Improvements – Phase 1 (completed) and Phase 2 (completed)*

The DuPont Pump Station (“PS”) and Basin Improvements Phase 1 and 2 projects were performed pursuant to Paragraph 22 and Appendix C of the CD. Phase 1 This work has been completed. See Semi-Annual Work Progress Report No. 10 submitted July 30, 2018. Phase 2 This work has been completed. See Annual Work Progress Report No. 17 submitted January 31st 2024.

3.3.1.2 *Collegedale Pump Station Improvements (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 7 submitted January 25, 2017.

3.3.1.3 *East Brainerd Collection System and Pump Station Rehabilitation (completed)*

Collections System Rehabilitation- This work has been completed. See Semi-Annual Report No. 5 submitted January 27, 2016.

PS Rehabilitation- This work has been completed. See Semi-Annual Work Progress Report No. 10 submitted July 30, 2018.

3.3.1.4 *Altamont Sewer Basin and Pump Station Improvements (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 2 submitted July 28, 2014.

3.3.1.5 *Pineville Pump Station and Sewer Basin Improvements (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 3 submitted January 27, 2015.

3.3.1.6 *Citico Creek Interceptor Rehabilitation (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 2 submitted July 28, 2014.

3.3.1.7 *Highland Park Sewer Rehabilitation (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 9 submitted January 29, 2018.

3.3.1.8 *Citico CSOTF Pump Station Improvement Study (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 3 submitted January 27, 2015.

3.3.1.9 *Tremont Area Sewer Separation Study (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 2 submitted July 28, 2014.

3.3.1.10 *Enterprise South Industrial Park (“ESIP”) Pump Station, Force Main and Interceptor Upgrade (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 8 submitted July 26, 2017.

3.3.1.11 *Orchard Knob Pump Station Improvements (completed)*

This work has been completed. See Semi-Annual Work Progress Report No. 10 submitted July 30, 2018.

3.3.1.12 *Friars Branch Pump Station Improvements (completed)*

This project has been completed. See Semi-Annual Work Process Report No.12 submitted July 31, 2019.

3.3.1.13 *Friars Branch Basin Improvements (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 11 submitted January 29, 2019.

3.3.1.14 *Chattanooga Creek Interceptor Rehabilitation (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 6 submitted July 27, 2016.

3.3.1.15 *Tannery Flats Interceptor Rehabilitation (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 6 submitted July 27, 2016.

3.3.1.16 *East Bank/West Bank (“EB/WB”) Flow Monitoring (complete)*

This project has been completed. See Semi-Annual Work Progress Report No. 6 submitted July 27, 2016.

3.3.1.17 *Environmental and Economic Infrastructure Improvement Plan (“e2i2”) SSO Abatement Program*

The following three projects were added to the Consent Decree as part of the First Material CD Modification:

No	Project	Description	Status
16	e2i2 – Lee Highway	This project is described in detail in the e2i2 Agreement, as amended. The main features of this project are to perform a flow analysis to determine a basis of design and install a wet weather pump station, storage tank to equalize wet weather flows, and upgrade gravity sewer and other appurtenances.	A design-build team was selected and an NTP issued on July 26, 2023. The construction began in the second half of 2024 and is anticipated to be completed in the first half of 2027.
17	e2i2 – East Ridge	This project is described in detail in the e2i2 Agreement, as amended. The main features of this project are to perform a flow analysis to determine a basis of design and install a wet weather pump station, storage tanks to equalize wet weather flows, and upgrade gravity sewer and other appurtenances.	A design-build team was selected and an NTP issued on July 26, 2023. The construction began in the second half of 2024 and is anticipated to be completed in the first half of 2027.

18	e2i2 – Signal Mountain/Red Bank	<p>This project is described in detail in the e2i2 Agreement, as amended. The main features of this project are to perform a flow analysis to allow for the upgrade of gravity sewers and other appurtenances and to determine a basis of design and install wet weather pump station(s) and storage tank(s) to equalize wet weather flows from Red Bank and potentially flows from the Signal Mountain POTW.</p> <p>If Chattanooga has received notification by July 1, 2024, that WWTA will decommission the Signal Mountain plant and send Signal Mountain flow to Chattanooga, this project shall be sized, designed and constructed to accommodate Red Bank flows and flows from the Signal Mountain WWTP, as described in the e2i2 Agreement, as amended.</p> <p>If Chattanooga has not received notification by July 1, 2024, that WWTA will decommission the Signal Mountain plant and send Signal Mountain flows to</p>	<p>We note that Chattanooga did NOT receive notification by July 1, 2024, that WWTA will decommission the Signal Mountain plant. Therefore, Chattanooga is not required to manage any Signal Mountain WWTP flows through this project.</p>
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		Chattanooga, this project, if necessary, shall be sized, designed and constructed to accommodate Red Bank flows, as described in the e2i2 Agreement, as amended, and Chattanooga shall not be required to manage any Signal Mountain WWTP flows through this project.	
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3.3.2 MBWWTP Projects (completed)

3.3.2.1 *MBWWTP Secondary Clarifier Valve Motor Operator Replacement (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 8 submitted July 26, 2017.

3.3.2.2 *MBWWTP Hydraulic and Pump Improvements (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 8 submitted July 26, 2017.

3.3.2.3 *MBWWTP Bar and Fine Screen Replacements (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 8 submitted July 26, 2017.

3.3.2.4 *MBWWTP Effluent Disinfection System Upgrade (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 6 submitted July 27, 2016.

3.3.3 CSO Projects (completed)

3.3.3.1 *Carter Street CSOTF Sewer Outfall Replacement (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 6 submitted July 27, 2016.

3.3.3.2 *Automation of Valve Operators at CSO Facilities (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 1 submitted January 30, 2014.

3.3.4 Operations Projects (completed)

3.3.4.1 *South Chickamauga Pump Station Reliability Improvements (completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 1 submitted January 30, 2014.

3.3.4.2 *MBWWTP Telemetry and Supervisory Control and Data Acquisition (“SCADA”) Upgrades (Completed)*

This project has been completed. See Semi-Annual Work Progress Report No. 9 submitted January 29, 2018.

3.4 East Bank/West Bank Outfall Assessment and Rehabilitation Plan (¶23)

This paragraph was modified by the First Material CD Modification. According to the modified Paragraph 23 of the Consent Decree:

Chattanooga's WCTS has experienced SSOs containing large volumes of wet weather flow from the SSS at unpermitted outfalls known as the East Bank Outfall and the West Bank Outfall. Based on previous investigations, Chattanooga contends that the SSOs from these unpermitted outfalls will be eliminated through the reduction of I/I in the WCTS as a result of implementation of the Inter-jurisdictional Agreement Program, SSES Phase I, and the Early Action Capital Improvement Projects. However, **in the event that either the East Bank Outfall or the West Bank Outfall experiences an SSO within a 12-month period commencing sixty (60) Months from Effective Date of the First Material Modification** Chattanooga shall submit to EPA and TDEC for review and comment within seven (7) Months after such SSO event (that occurs during that 12-month period) an East Bank/West Bank Assessment and Rehabilitation Plan to eliminate SSOs from these unpermitted outfalls. The Parties acknowledge that this Plan may include a proposal by Chattanooga to have the East Bank and/or West Bank Outfall permitted as a CSO Outfall. The East Bank/West Bank Assessment and Rehabilitation Plan shall include expeditious schedules for specific assessment and rehabilitation projects for the elimination of the SSOs and/or the potential permitting of the East Bank and/or West Bank Outfall as a CSO Outfall. Such expeditious schedules shall not exceed seven (7) years after EPA approves the East Bank/West Bank Assessment and Rehabilitation Plan.

Thus, the 12-month compliance period for this paragraph is now September 12, 2029.

3.5 Long Term Control Plan (“LTCP”) Updates (¶24)

3.5.1 LTCP-Additional Operational Plan (“AOP”) for Chattanooga Creek CSO Outfalls (¶24.a) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 9 submitted January 29, 2018.

3.5.2 LTCP – AOP Implementation (¶24.a) (completed)

This project was completed. See Annual Work Progress Report No. 16 submitted January 31, 2023. A final letter documenting the force majeure was sent to EPA on July 11, 2023.

3.5.3 LTCP-Post Construction Compliance Monitoring Program (¶24.b) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 3 submitted January 27, 2015.

3.5.4 Maximizing Treatment at MBWWTP (¶24.c) (completed).

This project has been completed. See Annual Work Progress Report No. 18, January 31, 2025.

3.6 MBWWTP Process Controls Program (¶25) (completed).

This project has been completed. See Semi-Annual Work Progress Report No. 3 submitted January 27, 2015.

3.7 Green Infrastructure (“GI”) Program Plan for CSS Basins (¶26) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 5 submitted January 27, 2016.

3.8 Civil Penalty (¶28-30) (completed)

Compliance with Section VII of the CD requires the payment of the sum of \$476,400 as a civil penalty. Payment of the civil penalty is to be made as follows:

- Cash Payment – 50% of the civil penalty (\$238,200) is to be paid to the United States by FedWire Electronic Funds Transfer. This payment was made to EPA on May 17, 2013.

- State Project – the remaining 50% of the civil penalty is to be spent on the state project in accordance to Appendix D of the CD.

3.8.1 Cash Payment (¶29) (completed)

In accordance with Paragraph 29 of the CD, the cash payment of \$238,200 was made to EPA on May 17, 2013.

3.8.2 Highland Park GI Demonstration Project (¶30) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 11 submitted January 29, 2019.

3.9 Agawela Drive Stream Restoration – SEP (¶31-37) (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 10 submitted July 30, 2018.

3.10 Reporting Requirements (¶38-40)

Compliance with Section IX of the CD requires the City to submit the following reports on a calendar schedule:

- Quarterly Reports (¶38), including detailed information on Chattanooga's SSOs, CSO discharges and bypasses at the MBEC;
- Annual Work Progress Reports (¶39), including CD deliverable milestones achieved in the last 12 months and projections for activities anticipated to be completed in the following 12 months; and
- Annual Reports (¶40), including trends and analyses of the results of the Chattanooga CD programs including CMOM and SSO reduction programs.

To date, the following reports have been submitted to the EPA:

- Quarterly Reports 1 – 49;
- Semi-Annual Work Progress Reports 1 – 13;
- Annual Work Progress Report 14 - 18; and
- Annual Reports 1 - 12.

The following reports will be submitted to the EPA during (or shortly after) the next Reporting Period:

- Quarterly Reports– 50 - 53;
- Annual Work Progress Report 19, and
- Annual Report 13.

3.11 Stipulated Penalties (¶46-55)

Paragraph 48 of the CD sets forth the nine categories of CD violations or milestones subject to stipulated penalties under the CD. There were no demands for stipulated penalties from EPA during this reporting period.

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4. Additional Work (¶39)

According to paragraph 39(c) of the CD, the City is required to include in this Report “any additional information Chattanooga determines is appropriate to demonstrate that Chattanooga is implementing the remedial actions required under this Consent Decree in an adequate and timely manner.” The purpose of this section is to address this requirement of the CD.

In addition to the work progress achieved in accordance with the CD as described in the previous sections, the City continued to implement remedial and improvement efforts under the existing Capital Improvement Program during the Reporting Period. The work described below is aimed at assessing and improving Chattanooga’s Interceptor Sewer System (“ISS”). While not required by the CD, these projects directly impact Chattanooga’s on-going effort to reduce and eliminate SSOs.

4.1 201 Facility Plan Update (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 7 submitted January 25, 2017.

4.2 Citico Pump Station and CSOTF Upgrades (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 11 submitted January 29, 2019.

4.3 South Chick Pump Station Phase II and Spring Creek Pump Station Upgrades (completed)

This project has been completed. See Annual Work Progress Report No. 14 submitted February 02, 2021.

4.4 Carter Street Sewer Rehabilitation (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 8 submitted July 26, 2017.

4.5 MBWWTP-Control Room Upgrades (completed)

This project has been completed. See Semi-Annual Work Progress Report No.12 submitted July 31, 2019.

4.6 MBWWTP – Detritors Rehabilitation (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 11 submitted January 29, 2019.

4.7 Implementation of CD GI Projects in the CSS (completed)

This project has been completed. See Semi-Annual Work Progress Report No.13 submitted January 31, 2020.

4.8 Friar's Branch-South Chick Creek 5 Interceptor Rehabilitation (completed)

This project has been completed. See Annual Work Progress Report No. 14 submitted February 02, 2021.

4.9 Citico Pump Station Reliability Improvements (completed)

This project has been completed. See Annual Work Progress Report No. 14 submitted February 02, 2021.

4.10 MBWWTP Secondary Clarifier Upgrades and Additions (completed)

This project has been completed. See Semi-Annual Work Progress Report No.12 submitted July 31, 2019.

4.11 CSOTF Study (completed)

This project has been completed. See Semi-Annual Work Progress Report No. 8 submitted July 26, 2017.

4.12 South Chickamauga Interceptor Improvements – Phase 1 (completed)

This project has been completed. See Annual Work Progress Report No. 14 submitted February 02, 2021.

4.13 Focused SSEs and Rehabilitation-South Chickamauga Creek 1 – Phase 2 (completed)

This project has been completed. See Annual Work Progress Report No. 15 submitted February 2, 2022.

4.14 Critical Pump Station Improvements Master Plan (completed)

This study has been completed. See Annual Work Progress Report No. 15 submitted February 2, 2022.

4.15 Lupton Drive Chronic SSO Elimination Project (completed)

This project has been completed. See Annual Work Progress Report No. 15 submitted February 2, 2022.

4.16 Brainerd Golf Course Pump Station Safety Upgrade

This project involves making safety improvements to the East Brainerd Golf Course Pump Station. This work includes the replacement and upgrade of the pump station and force main. Additionally, approximately 1,400 linear feet of 8-inch gravity sewer will be installed. The NTP for professional services was issued in September 2017 and TDEC approval was received on February 13, 2019. This project was bundled with the PS Improvements – Hixson 2 (section 4.17), the Selected Pump Station Safety Upgrades (section 4.41), and the Central Avenue Sewer Improvements (section 4.44) projects, and will be bid, and constructed as one construction contract. The construction started in the second half of 2023 and is anticipated to be completed in the first half of 2026.

4.17 Pump Station Improvements – Hixson 2

This project involves safety and reliability improvements associated with converting the Hixson PS 2 from a “canned” station to a submersible station. A few of the main components of the project include upsizing the capacity to 13 MGD and replacing the force main. The NTP for professional services was issued in January 2020. The final design was completed in August 2021. This project was bundled with the Brainerd Golf Course PS Safety Upgrade (section 4.16), the Selected Pump Station Safety Upgrades (section 4.41), and the Central Avenue Sewer Improvements (section 4.44) projects, and will be bid, and constructed as one construction contract. The project is currently in a re-

design phase, will be re-bid to hire a new contractor, with construction completion anticipated in the first half of 2028.

4.18 Wet Weather Combined Sewer Storage – Phase 1, 2 & 3 (completed)

This project has been completed. See Annual Work Progress Report No. 17 submitted January 31, 2024.

4.19 CSOTF Improvements – Phase 1 (completed)

This project has been completed. See Annual Work Progress Report No. 17 submitted January 31, 2024.

4.20 CSOTF Equipment Replacement Program (completed)

This project has been completed. See Annual Work Progress Report No. 18 submitted January 31, 2025.

4.21 Dobbs Branch Basin Improvements – Phase 1 (completed)

This project has been completed. See Annual Work Progress Report No. 18 submitted January 31, 2025.

4.22 Dobbs Branch Basin Improvements – Phase 2 (completed)

This project has been completed. See Annual Work Progress Report No. 18 submitted January 31, 2025.

4.23 Citico Pump Station Improvements (completed)

This project involved capital improvements to the Citico PS, including the following upgrades and improvements: (1) New motor control center (“MCC”), (2) New pumps, motors, and drives, (3) The wet well cleaned and coated, (4) Replace 72-inch slide gate and three open channel slide gates, (5) Additional security, structural and electrical upgrades. The NTP for professional services was issued in October of 2019. The design was completed in November 2021, the construction started in the second half of 2022 and the project was completed in the second half of 2025.

4.24 Riverview Park/CGCC Chronic SSO Elimination Project

This project involves the rehabilitation or upsizing of sanitary sewer pipe and associated manholes located in the Riverview Park and Chattanooga Golf and Country Club area. The NTP for professional services was issued in November 2019. The bid process was completed in February 2021. Most of the construction has been completed. Due to complications with work to repair sinkhole preventing access to project area, the project has been put on hold until the second half of 2026.

4.25 South Chick Creek 2, 3, & 4 Interceptor Rehab (completed)

This project has been completed. See Annual Work Progress Report No. 18 submitted January 31, 2025.

4.26 Tiftonia Pump Station 1 Safety Upgrade

This project involves improvements associated with converting Tiftonia PS 1 from a “canned” station to a submersible station. The City is working on easements before starting construction, which is anticipated in the second half of 2026.

4.27 Wet Weather Storage Phase 6 – Hixson Pump Station 1

This project will construct 5 MG of wet weather storage near the Hixson 1 PS and will store peak wet weather flows to meet the future capacity requirements. The NTP for professional services was issued in December 2019, and the design was completed in the first half of 2023. The construction began in the second half of 2023 and is anticipated to be completed in the first half of 2026.

4.28 Tiftonia Pump Station 2 Safety Upgrade

This project includes converting the Tiftonia 2 PS from a “canned” station to a submersible station as well as the assessment of the sewer force main for rehabilitation or replacement. The construction began in 2025 and anticipated to be completed by the end of 2026.

4.29 MBWWTP SCADA Master Plan (completed)

This project has been completed. See Annual Work Progress Report No. 18 submitted January 31, 2025.

4.30 MBWWTP Improvements – Centrifuge Upgrades (completed)

This project has been completed. See Annual Work Progress Report No. 17 submitted January 31, 2024.

4.31 Citico Force Main Rehabilitation

This project includes construction scope to replace the 30" force main exiting the Citico PS, located on the south side of the Tennessee River near Citico Creek along Riverside Drive. The force main is approximately 1,600 linear feet spanning the Tennessee River to discharge into a manhole on the north side of the river located on Constitution Drive. Replacement involves installing a new 48-inch diameter force main pipe across the river using cut and cover construction methods. The construction is anticipated to start in the second half of 2026 and be completed in the second half of 2027.

4.32 Mountain Creek Pump Station Improvements (completed)

This project has been completed. See Annual Work Progress Report No. 16 submitted January 31, 2023.

4.33 Big Ridge #5 Pump Station Improvements

This project includes of improvements to the Big Ridge ("BR") #5 PS. The NTP for professional services was issued in March 2021. The design was completed in the first half of 2023. The construction started in the first half of 2024 and is anticipated to be completed by the end of 2026.

4.34 Big Ridge #2 Pump Station Improvements

This project includes improvements to the Big Ridge #2 PS, including new pumps, VFDs and discharge piping, and the repair of spalled concrete. The NTP for professional services was issued in January 2022. Construction began in the second half of 2025 and is anticipated to be completed by the end of 2026.

4.35 Highland Park Pump Station Improvements

This project includes improvements to the Highland Park wet weather PS, including the rehabilitation of the PS, replacement of pumps with VFDs, replacement of electrical and MCC, new discharge piping, new safety grating, and wet well lining. The NTP for professional services was issued in January 2022. The design was completed in the

second half of 2023. The construction began in the second half of 2024 and is anticipated to be completed by the end of 2026.

4.36 Lookout Creek Sewer Basin Master Plan (completed)

This project has been completed. See Annual Work Progress Report No. 16 submitted January 31, 2023.

4.37 MBWWTP Wet Weather Response Team (completed)

This project has been completed. See Annual Work Progress Report No. 16 submitted January 31, 2023.

4.38 Selected Pump Station Safety Upgrades

This project will evaluate, design and construct new (replacement) wastewater pumping stations located at Murray Hills #5, off Webb Road and Brainerd Manor located off Moore Road, near the airport. The NTP for professional services was issued in July 2018. The design was completed in the first half of 2022. This project was bundled with the Brainerd Golf Course PS Safety Upgrade (section 4.16), the Pump Station Improvements – Hixson 2 (section 4.17), and the Central Avenue Sewer Improvements (section 4.44) projects, and will be bid, and constructed as one construction contract. The construction began in the second half of 2023 and is anticipated to be completed in 2026.

4.39 23rd Street Pump Station Improvements

This project includes making capital improvements to the 23rd Street PS within the screening room, dry well, wet well, and electrical room. The NTP for professional services was issued in March 2021. The construction began in 2025 and is expected to be completed in the first half of 2028.

4.40 Influent Pump Station Improvements (IPS Screen Bypass) (completed)

This project includes the replacement of the bar screens at the influent pump station. The NTP for professional services was issued in May 2021. The design was completed in the second half of 2023. The construction began in the first half of 2024 and was completed in the second half of 2025.

4.41 Central Avenue Sewer Improvements (Prev. Lupton City Sewer Rehab)

The purpose of this project is to abandon a damaged 18" sewer line between manholes S167C067 and S167C068 that crosses the Southern Cellulose facility at Central Avenue and East 42nd Street. The NTP for professional services was issued in June 2020. The design was completed in September 2022. This project was bundled with the Brainerd Golf Course PS Safety Upgrade (section 4.16), the PS Improvements – Hixson 2 (section 4.17), and the Selected Pump Station Safety Upgrades (section 4.40) projects, and will be bid, and constructed as one construction contract. The construction began in the second half of 2023 and is anticipated to be completed in 2026.

4.42 Winterview Pump Station and Basin Improvements

This project includes upgrades to the Winterview PS. The NTP for professional services was issued in January 2022. The design began in December 2022. The project was bundled with Tiftonia PS #3 Improvements (section 4.45), and will be bid, and constructed as one construction contract. The design has been finalized. The construction is anticipated to start in the first half of 2026 and be completed in the second half of 2027.

4.43 Tiftonia Pump Station #3 Improvements

This project involves improvements to the Tiftonia #3 Pump Station, including installing submersible pumps, control panel with associated electrical, SCADA, wet well, and valving. The NTP for professional services was issued in October 2022. The design was completed in the second half of 2023. The project was bundled with Winterview PS and Basin Improvements (section 4.44), and will be bid, and constructed as one construction contract. Construction is anticipated to begin in the second half of 2026 and be completed in the second half of 2027.

4.44 South Chickamauga Pump Station Improvements

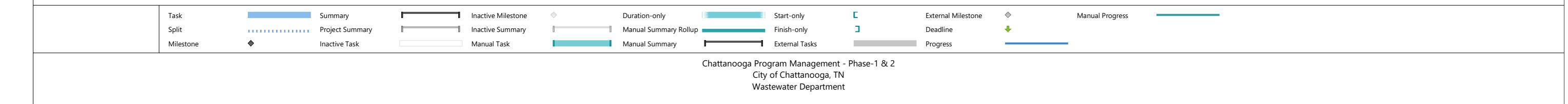
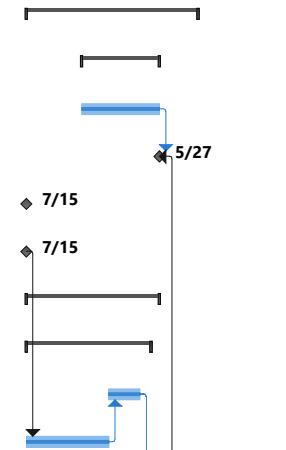
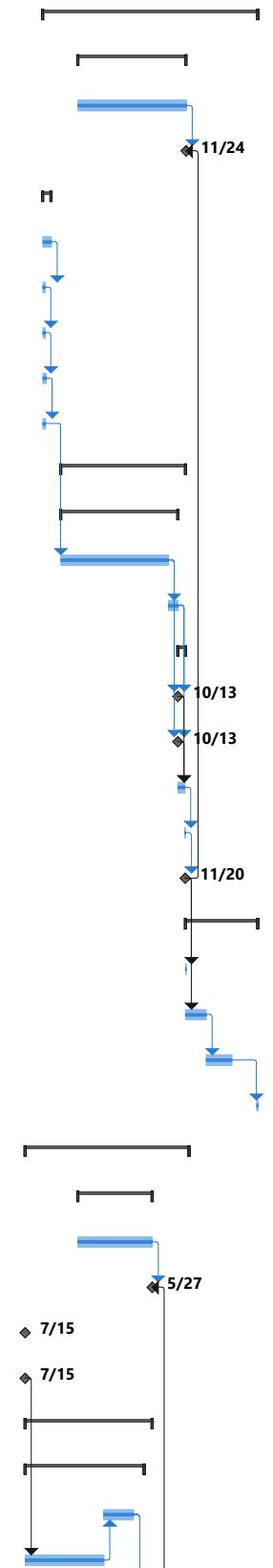
This project involves improvements to the South Chick Creek PS. Some of the main components this project will include are new pumps, motors, controls, electrical, SCADA, rake bar, sluice gates, air scrubber, and HVAC. The NTP for professional services was issued in November 2022. The construction is anticipated to start in the second half of 2028.

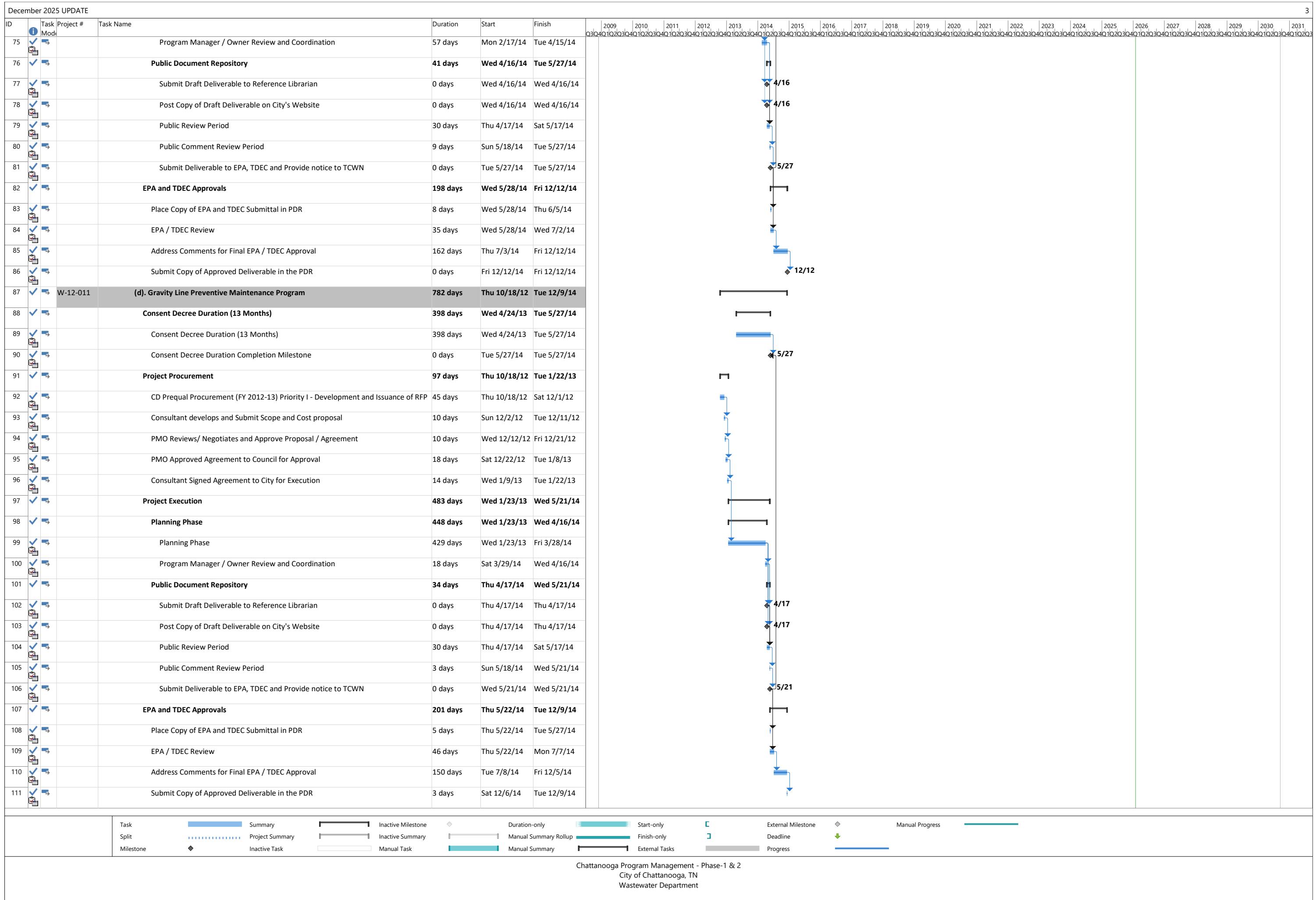
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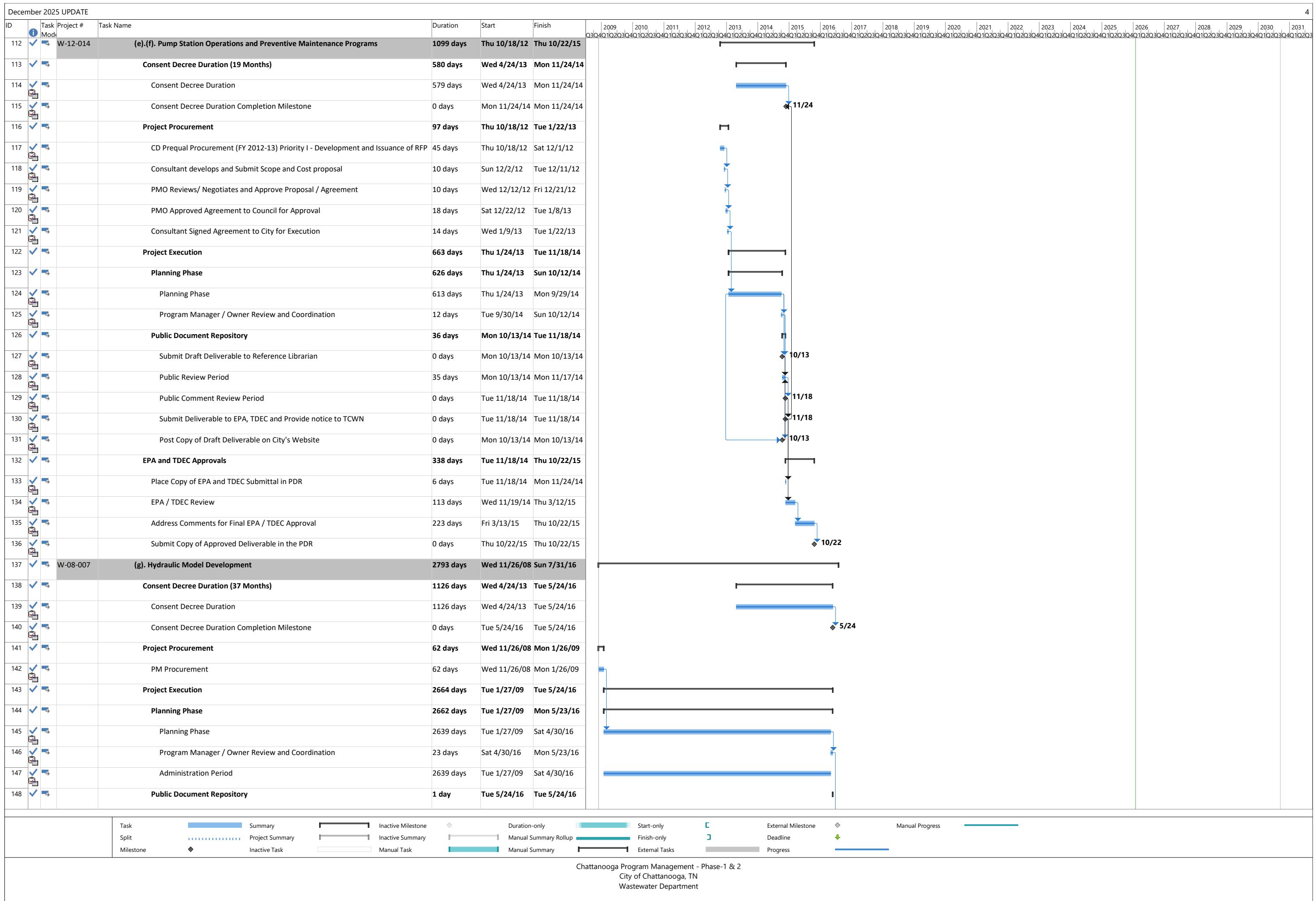
Appendix A

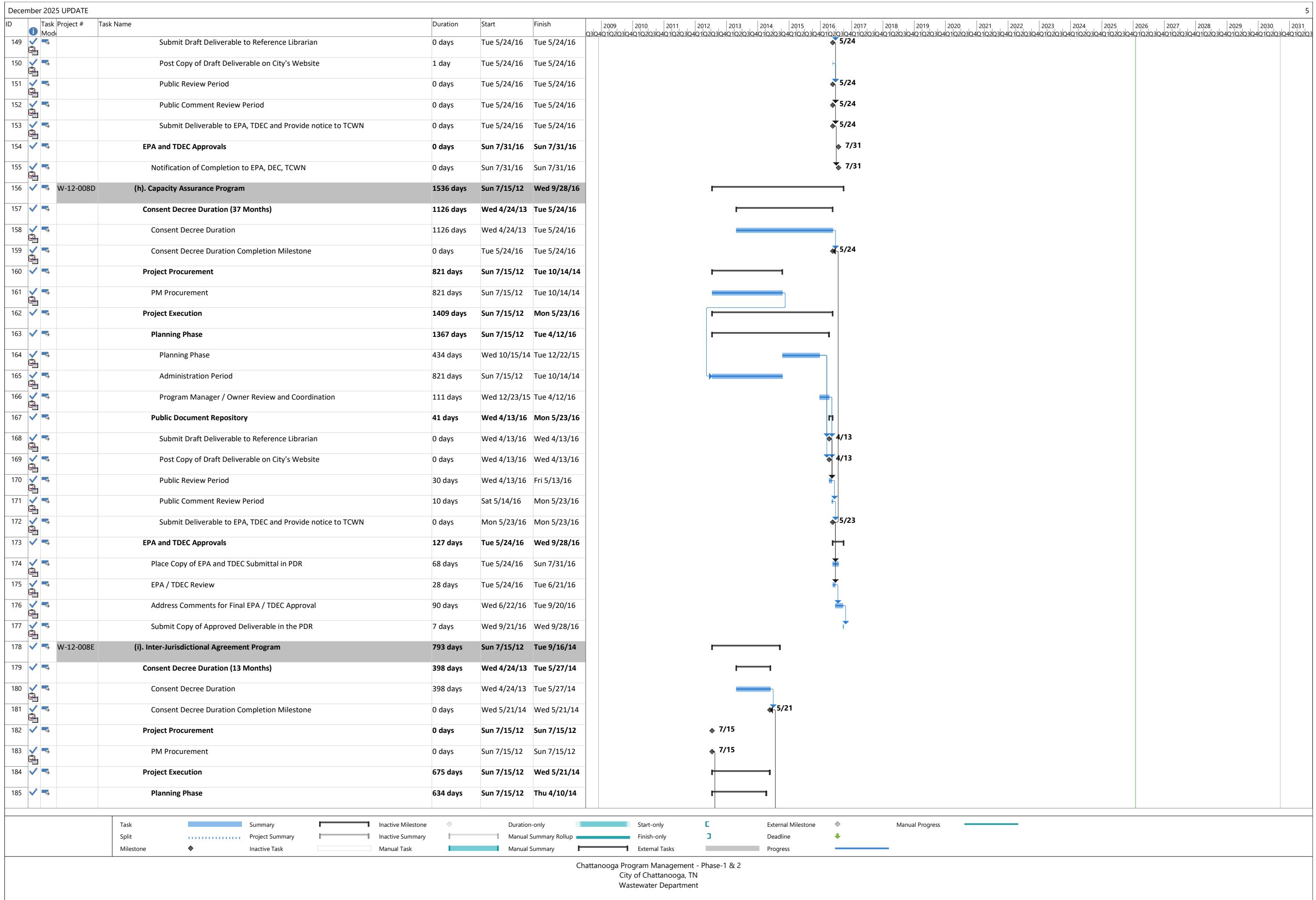
Project Schedules Gantt Chart

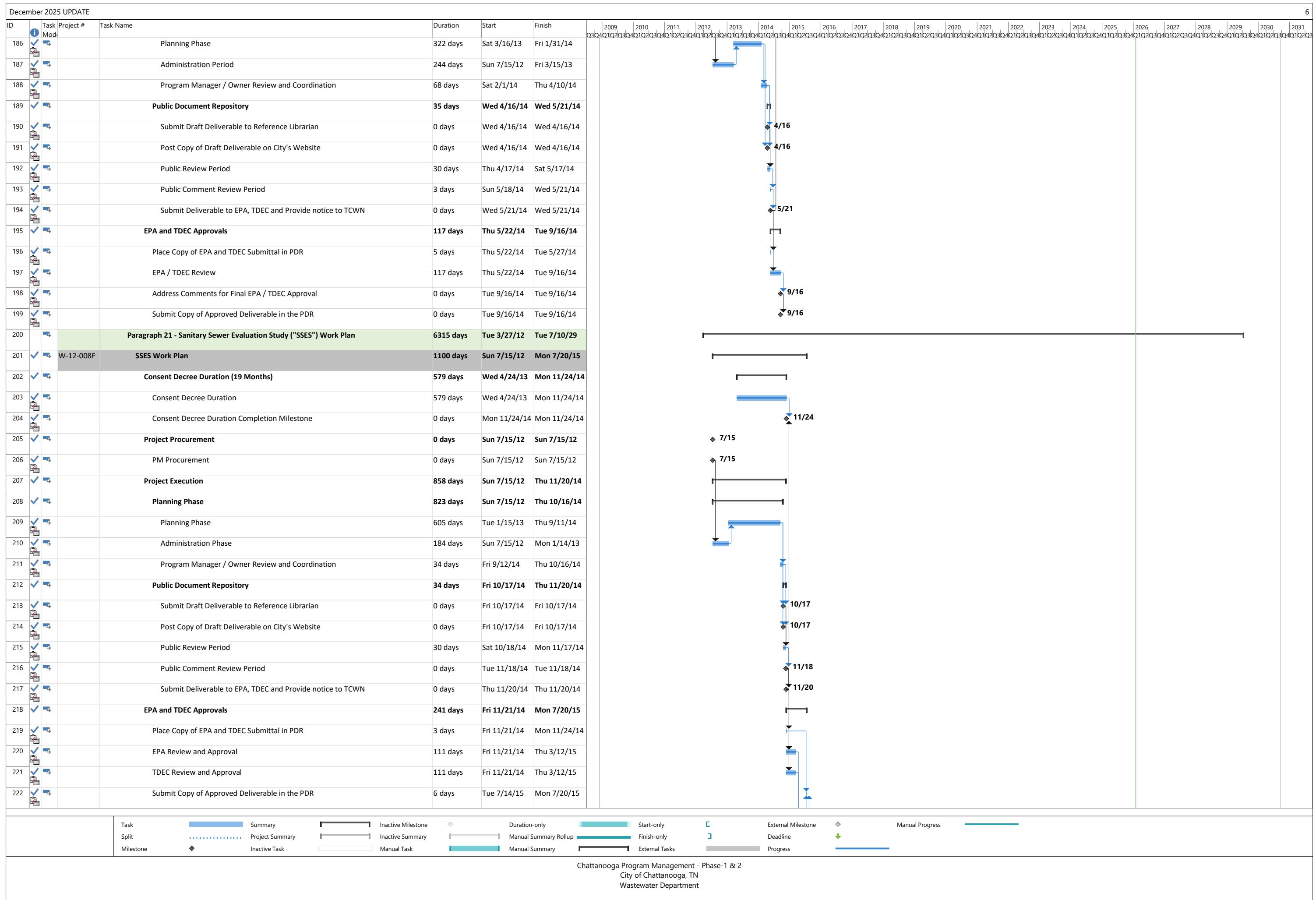
December 2025 UPDATE																														
ID	Task Mod	Project #	Task Name	Duration	Start	Finish	03	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
38	✓		Address Comments for Final EPA / TDEC Approval	62 days	Sat 3/29/14	Thu 5/29/14																								
39	✓		Submit Copy of Approved Deliverable in the PDR	7 days	Fri 5/30/14	Thu 6/5/14																								
40	✓	W-12-013	(b). Emergency Response Plan	1153 days	Thu 10/18/12	Mon 12/14/15																								
41	✓		Consent Decree Duration (19 Months)	580 days	Wed 4/24/13	Mon 11/24/14																								
42	✓		Consent Decree Duration (19 Months)	580 days	Wed 4/24/13	Mon 11/24/14																								
43	✓		Consent Decree Duration Completion Milestone	0 days	Mon 11/24/14	Mon 11/24/14																								
44	✓		Project Procurement	45 days	Thu 10/18/12	Sat 12/1/12																								
45	✓		CD Prequal Procurement (FY 2012-13) Priority I - Development and Issuance of RFP	45 days	Thu 10/18/12	Sat 12/1/12																								
46	✓		Consultant develops and Submit Scope and Cost proposal	10 days	Thu 10/18/12	Sat 10/27/12																								
47	✓		PMO Reviews/ Negotiates and Approve Proposal / Agreement	10 days	Thu 10/18/12	Sat 10/27/12																								
48	✓		PMO Approved Agreement to Council for Approval	18 days	Thu 10/18/12	Sun 11/4/12																								
49	✓		Consultant Signed Agreement to City for Execution	14 days	Thu 10/18/12	Wed 10/31/12																								
50	✓		Project Execution	667 days	Wed 1/23/13	Thu 11/20/14																								
51	✓		Planning Phase	628 days	Wed 1/23/13	Sun 10/12/14																								
52	✓		Planning Phase	575 days	Wed 1/23/13	Wed 8/20/14																								
53	✓		Program Manager / Owner Review and Coordination	53 days	Thu 8/21/14	Sun 10/12/14																								
54	✓		Public Document Repository	40 days	Sun 10/12/14	Thu 11/20/14																								
55	✓		Submit Draft Deliverable to Reference Librarian	0 days	Mon 10/13/14	Mon 10/13/14																								
56	✓		Post Copy of Draft Deliverable on City's Website	0 days	Mon 10/13/14	Mon 10/13/14																								
57	✓		Public Review Period	37 days	Sun 10/12/14	Mon 11/17/14																								
58	✓		Public Comment Review Period	3 days	Tue 11/18/14	Thu 11/20/14																								
59	✓		Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0 days	Thu 11/20/14	Thu 11/20/14																								
60	✓		EPA and TDEC Approvals	389 days	Fri 11/21/14	Mon 12/14/15																								
61	✓		Place Copy of EPA and TDEC Submittal in PDR	4 days	Fri 11/21/14	Mon 11/24/14																								
62	✓		EPA / TDEC Review	112 days	Fri 11/21/14	Thu 3/12/15																								
63	✓		Address Comments for Final EPA / TDEC Approval	137 days	Fri 3/13/15	Tue 7/28/15																								
64	✓		Submit Copy of Approved Deliverable in the PDR	7 days	Tue 12/8/15	Mon 12/14/15																								
65	✓	W-12-008C	(c). Fats, Oils, and Grease ("FOG") Management Program	880 days	Sun 7/15/12	Fri 12/12/14																								
66	✓		Consent Decree Duration (13 Months)	398 days	Wed 4/24/13	Tue 5/27/14																								
67	✓		Consent Decree Duration	398 days	Wed 4/24/13	Tue 5/27/14																								
68	✓		Consent Decree Duration Completion Milestone	0 days	Tue 5/27/14	Tue 5/27/14																								
69	✓		Project Procurement	0 days	Sun 7/15/12	Sun 7/15/12																								
70	✓		PM Procurement	0 days	Sun 7/15/12	Sun 7/15/12																								
71	✓		Project Execution	681 days	Sun 7/15/12	Tue 5/27/14																								
72	✓		Planning Phase	639 days	Sun 7/15/12	Tue 4/15/14																								
73	✓		Planning Phase	159 days	Tue 9/10/13	Sun 2/16/14																								
74	✓		Administration Period	421 days	Sun 7/15/12	Mon 9/9/13																								

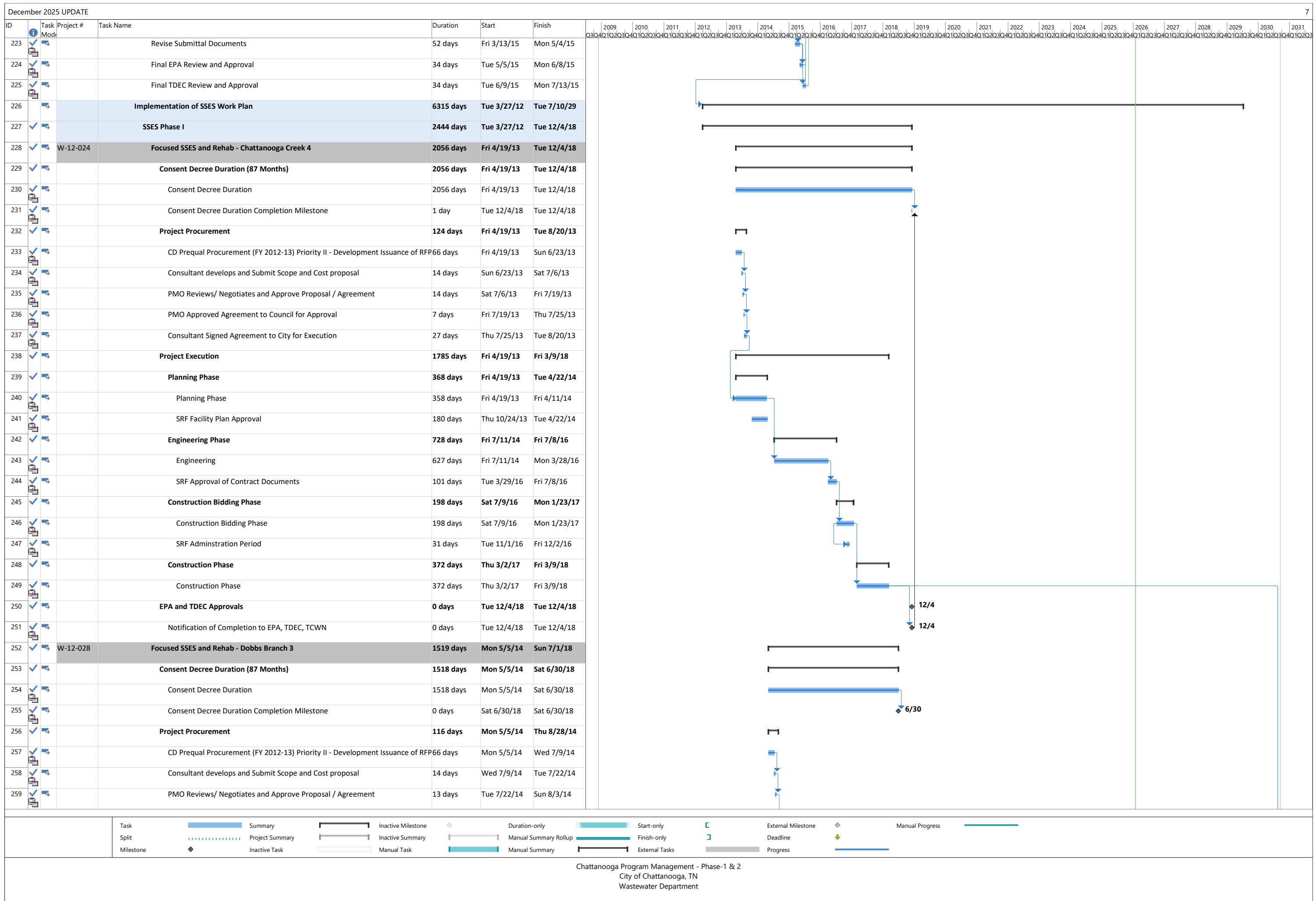


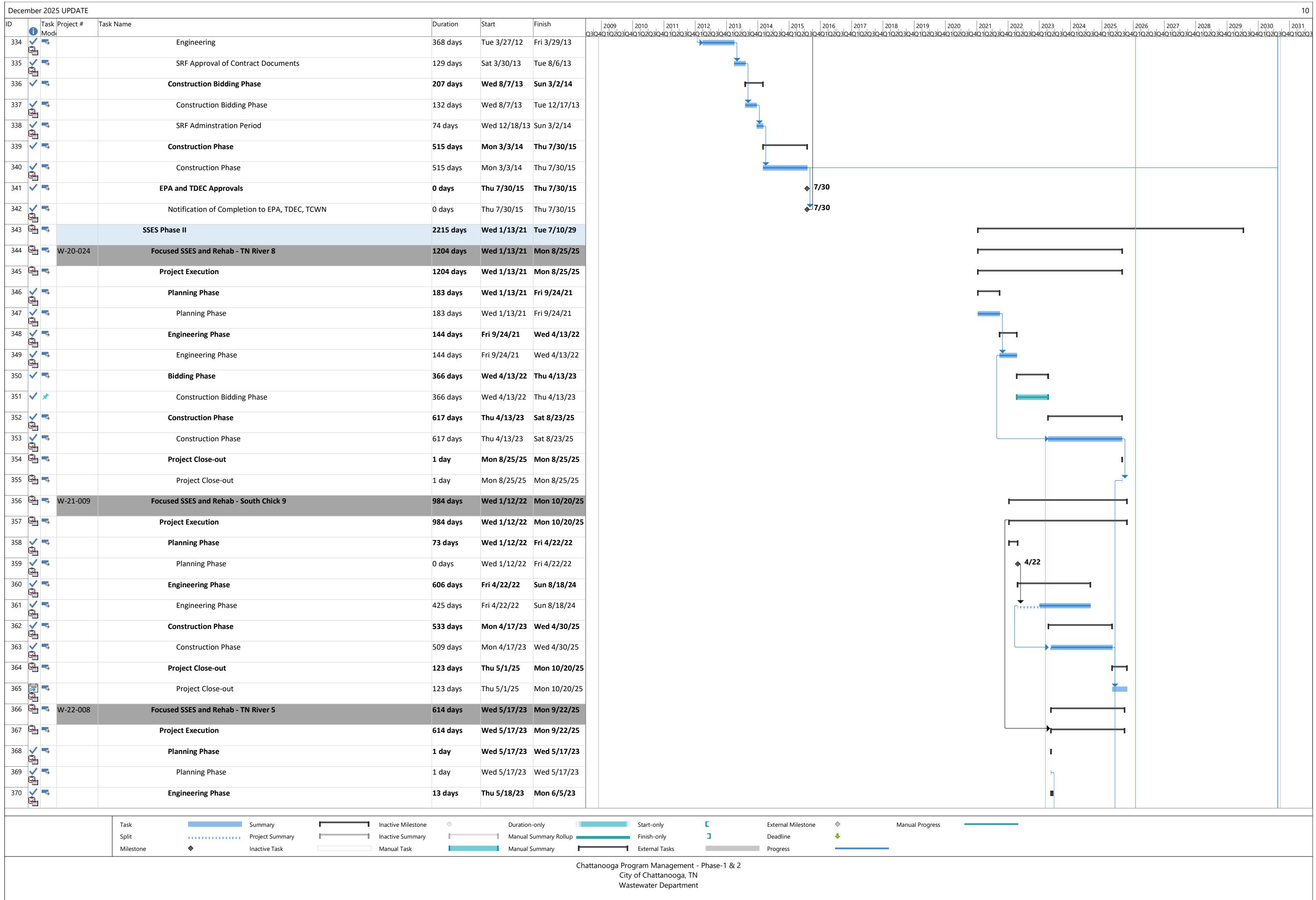


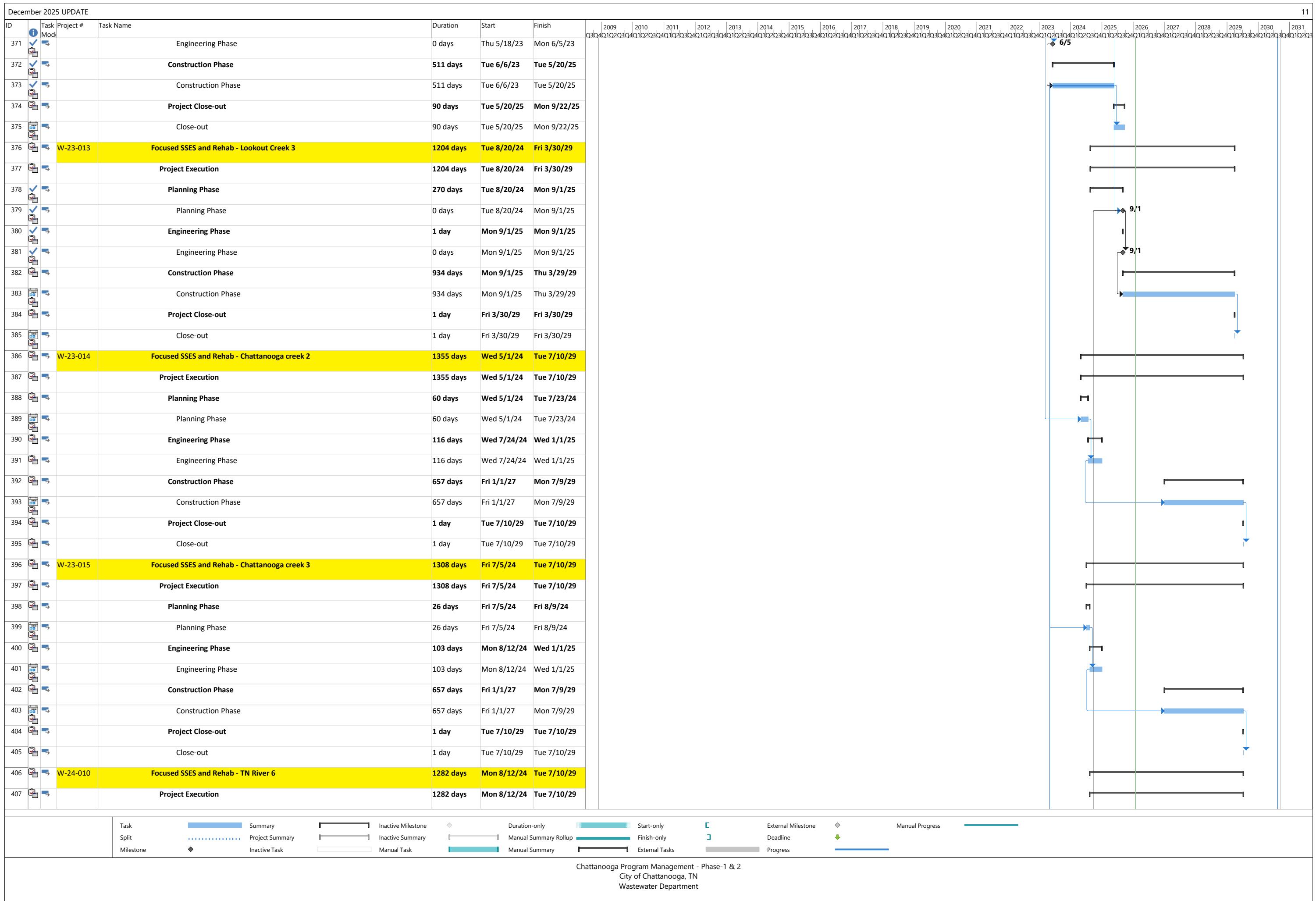


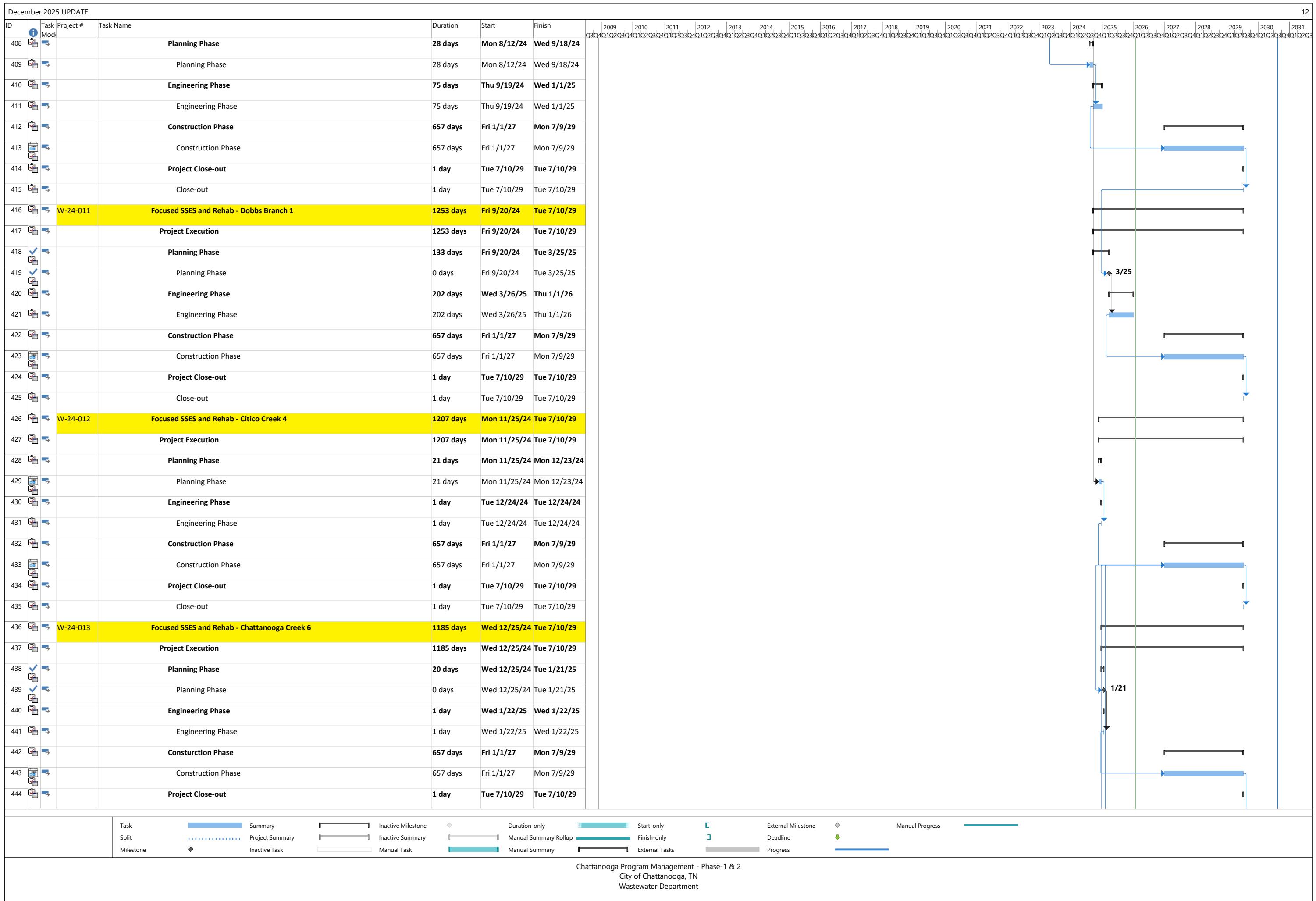


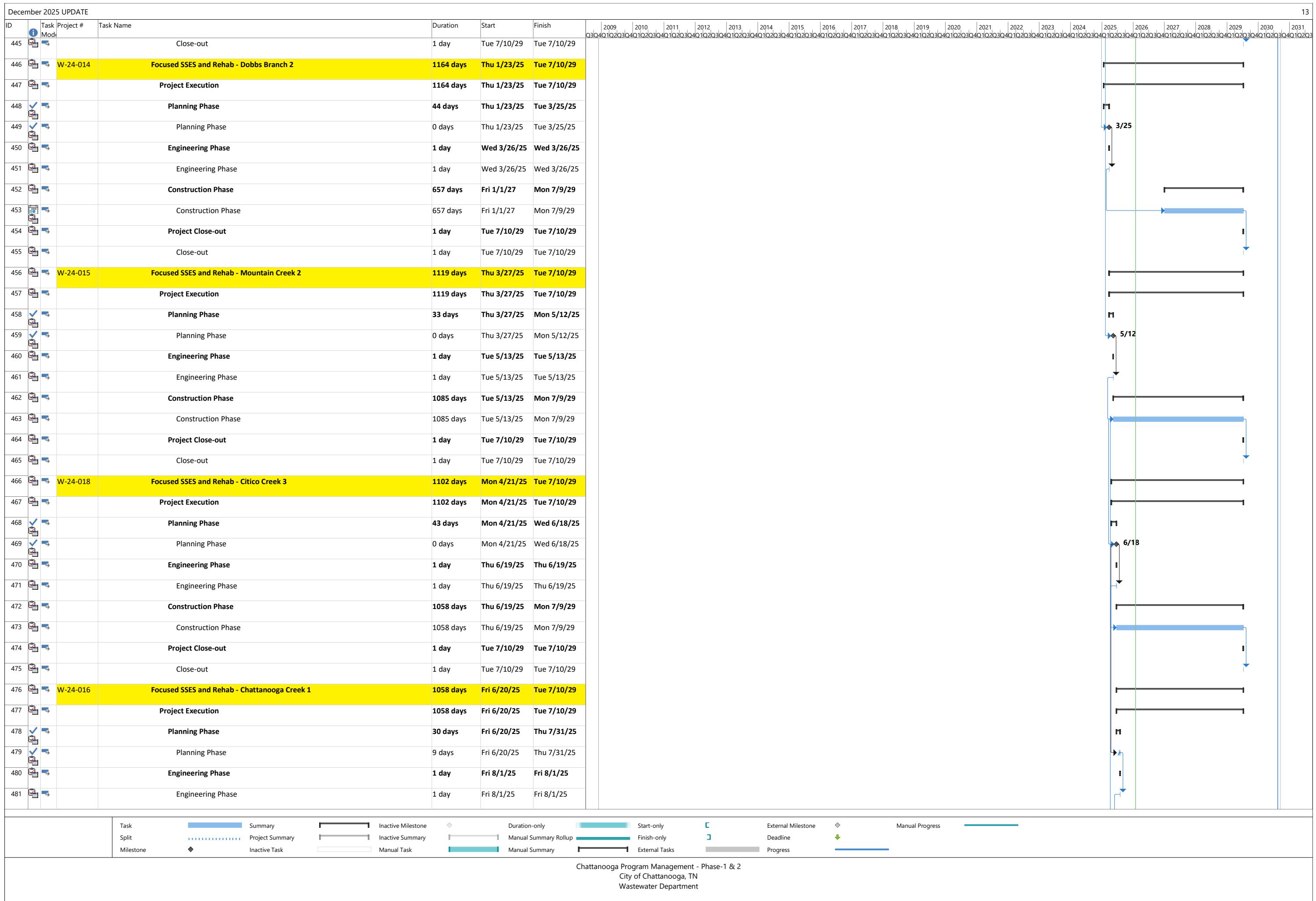


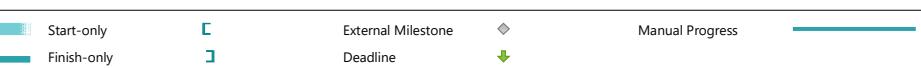


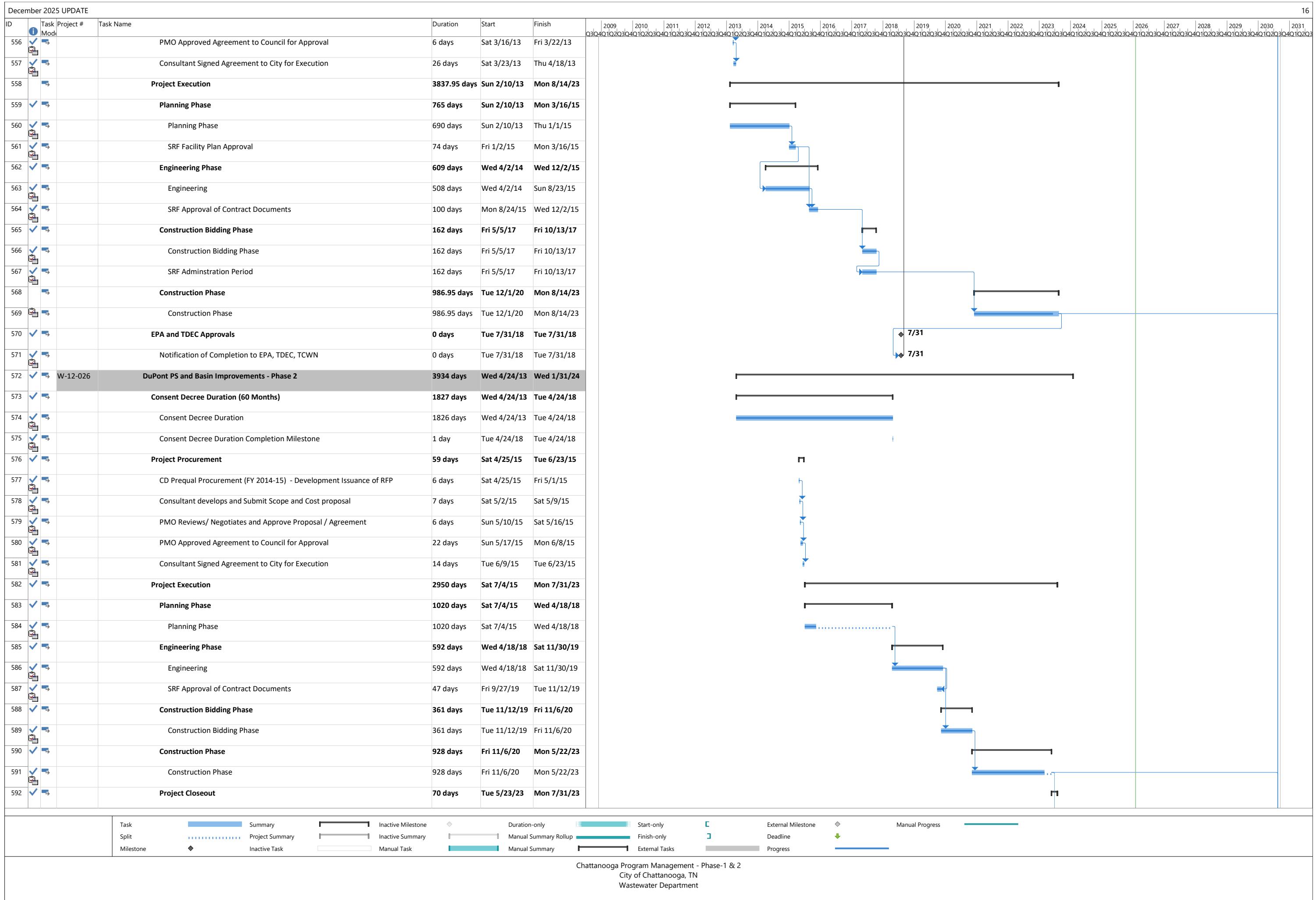


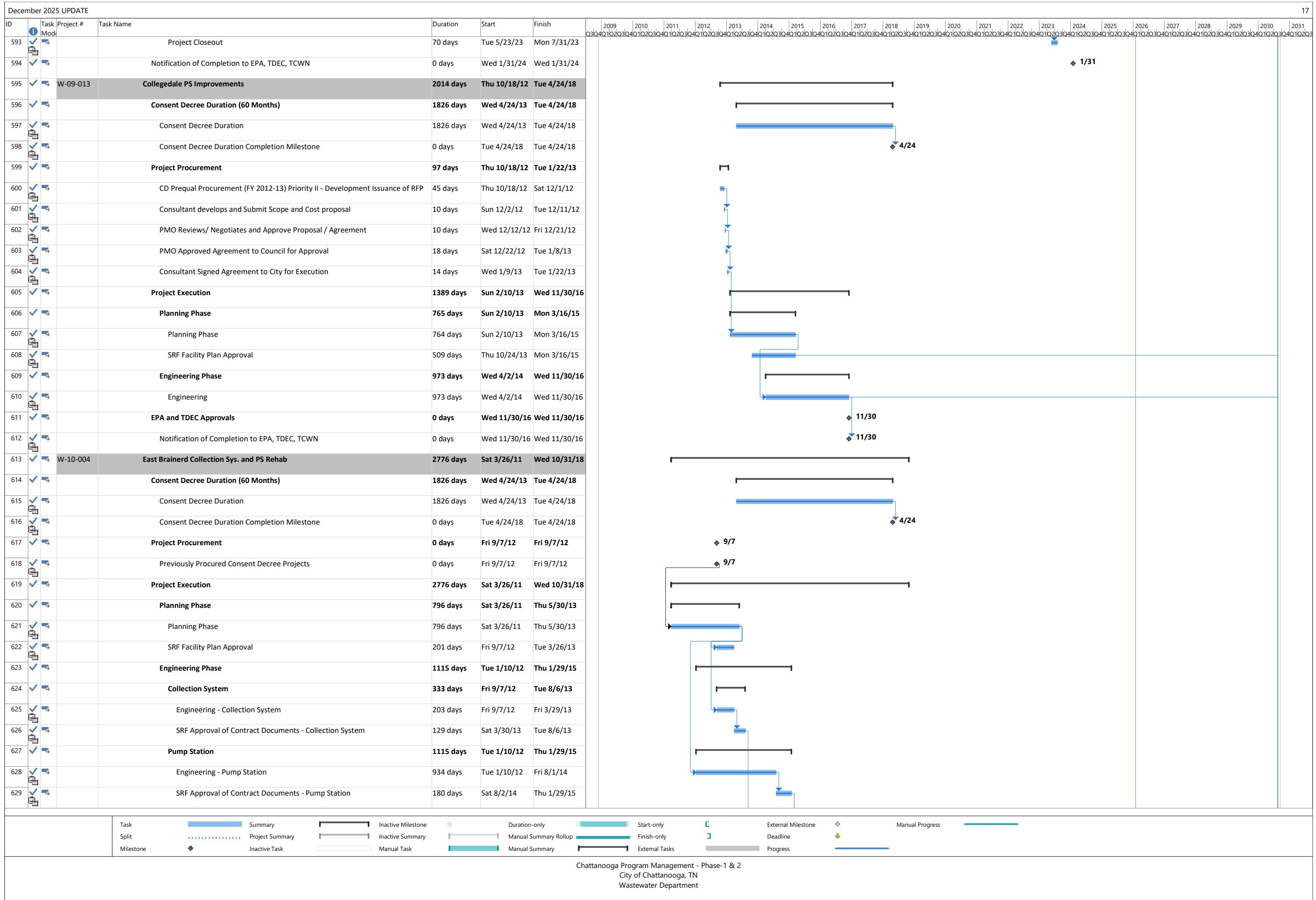


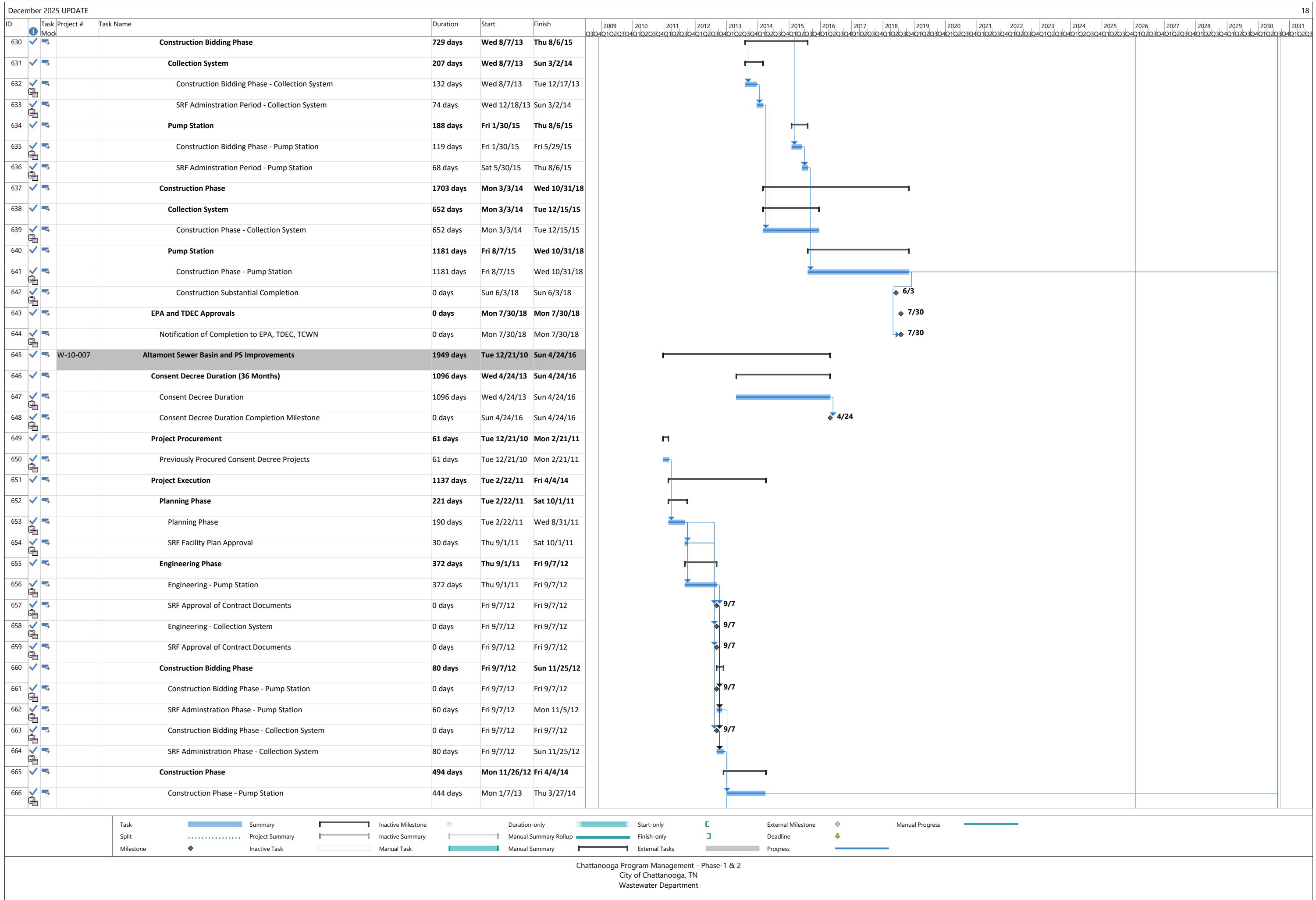


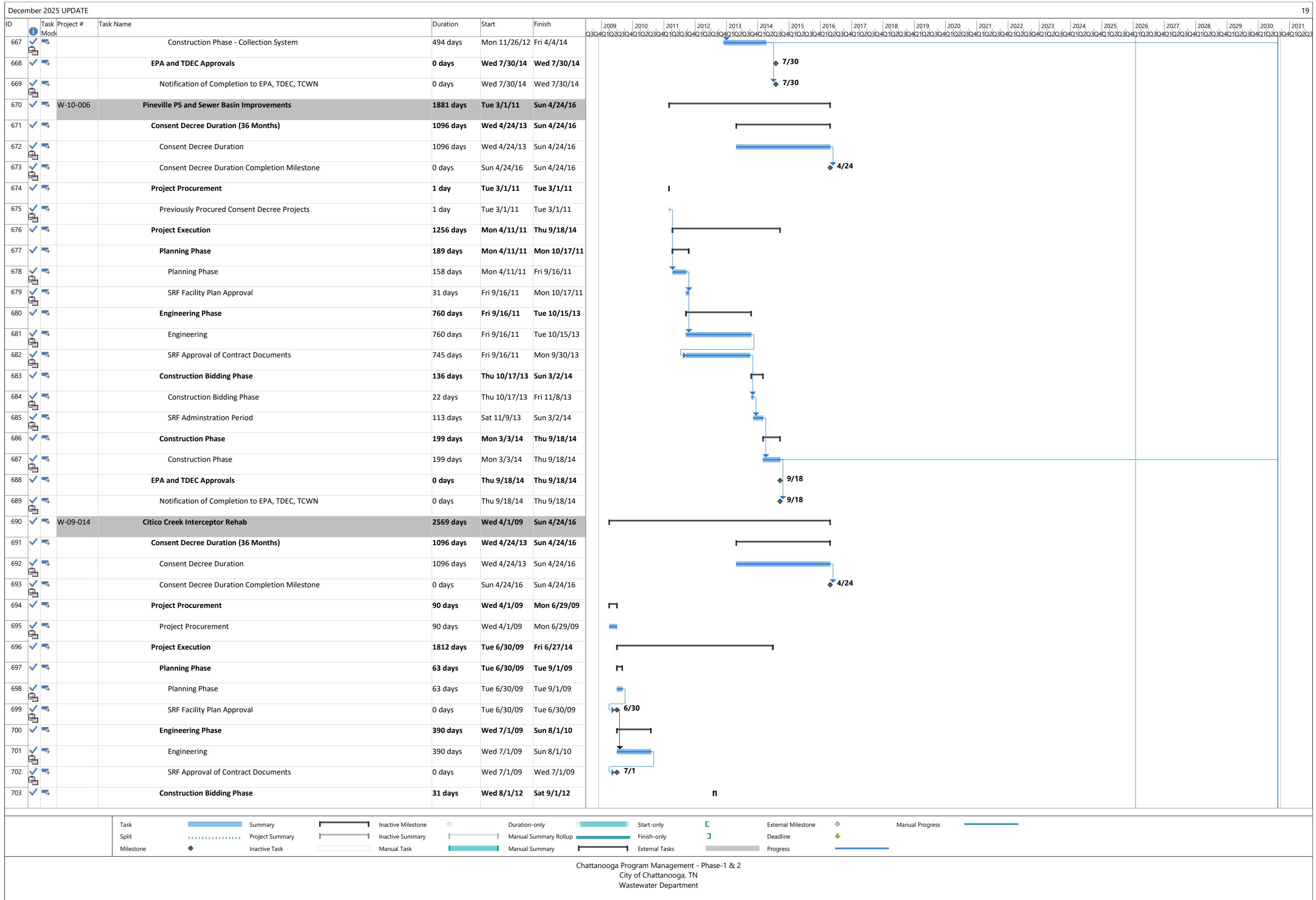


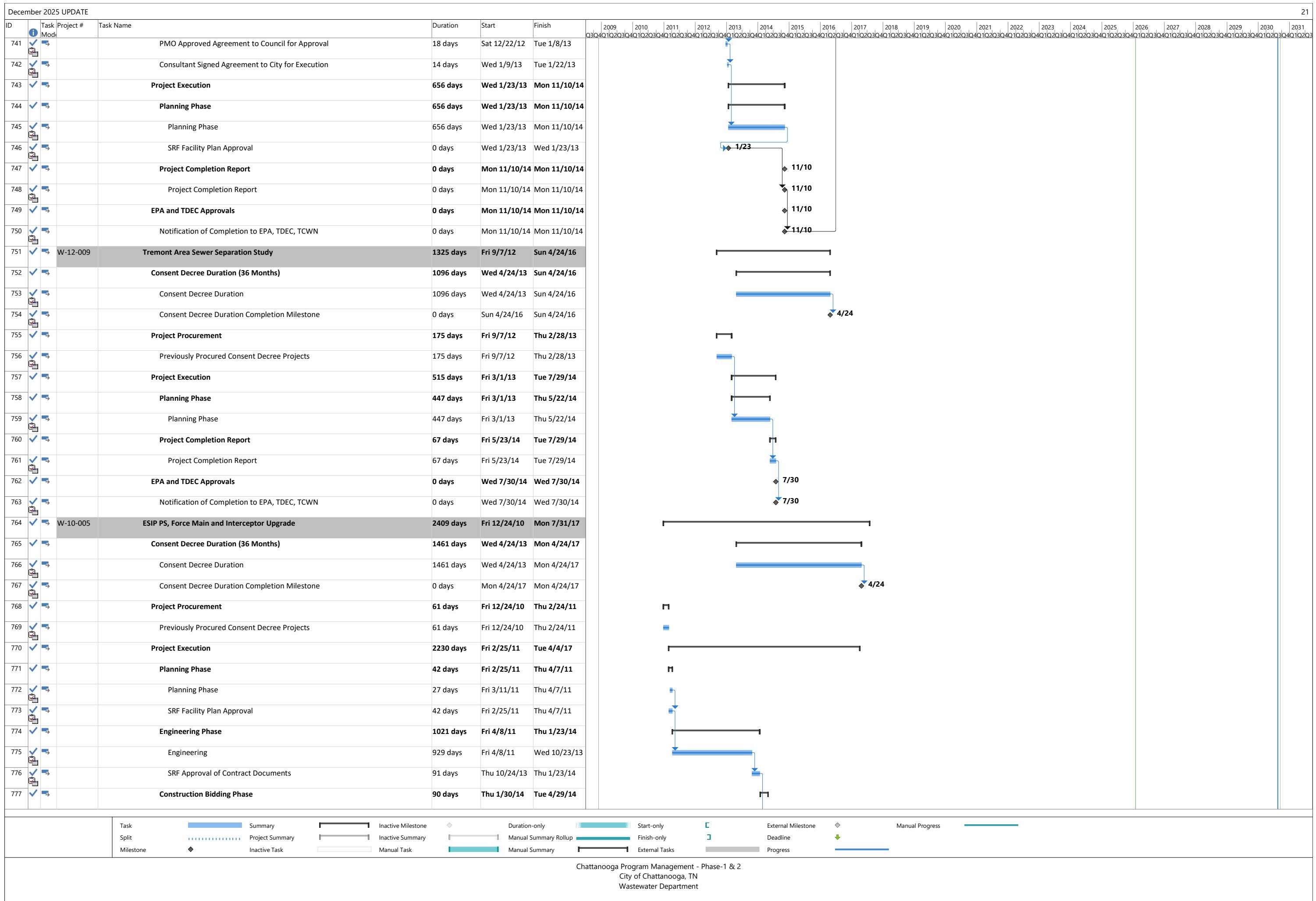




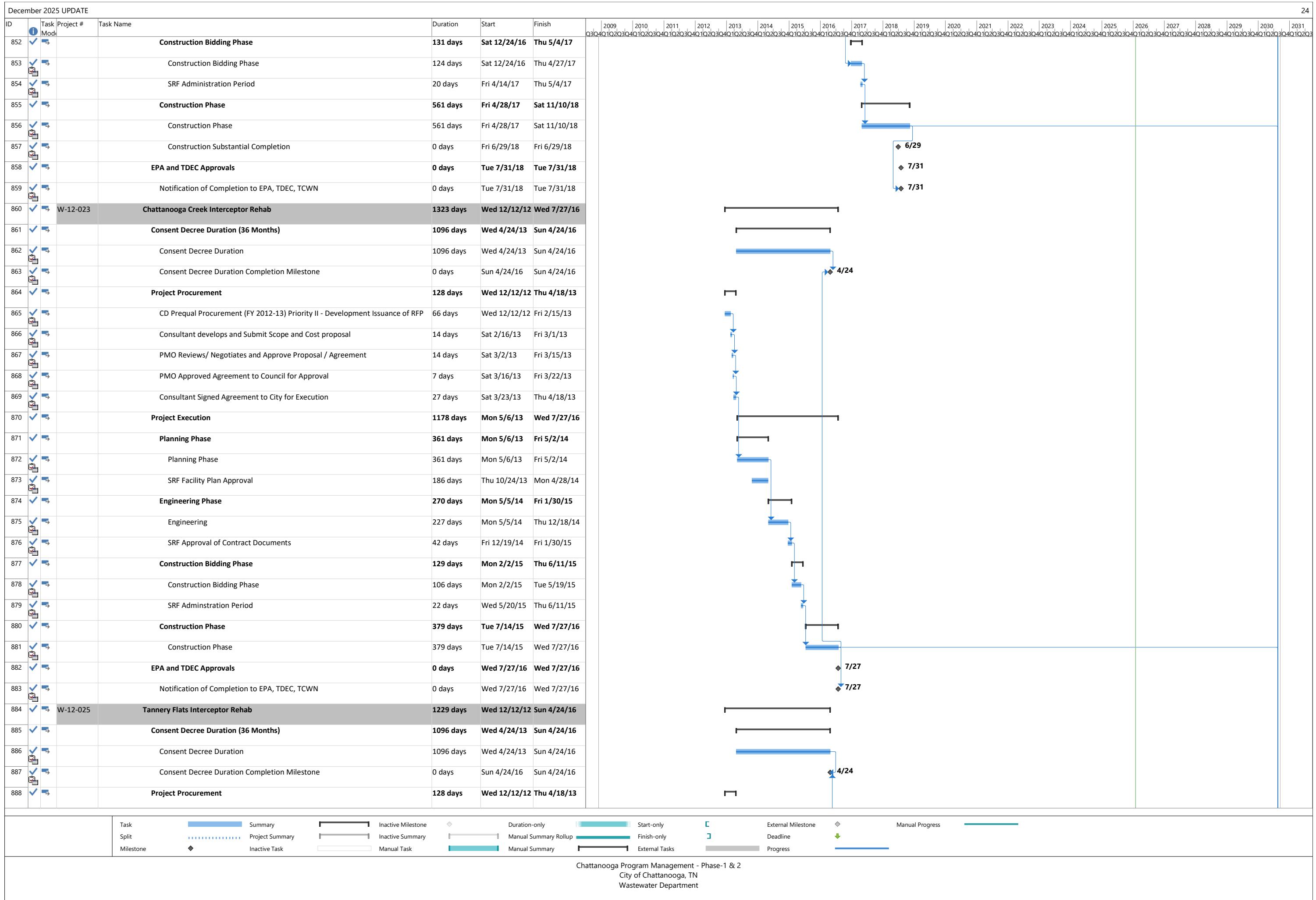


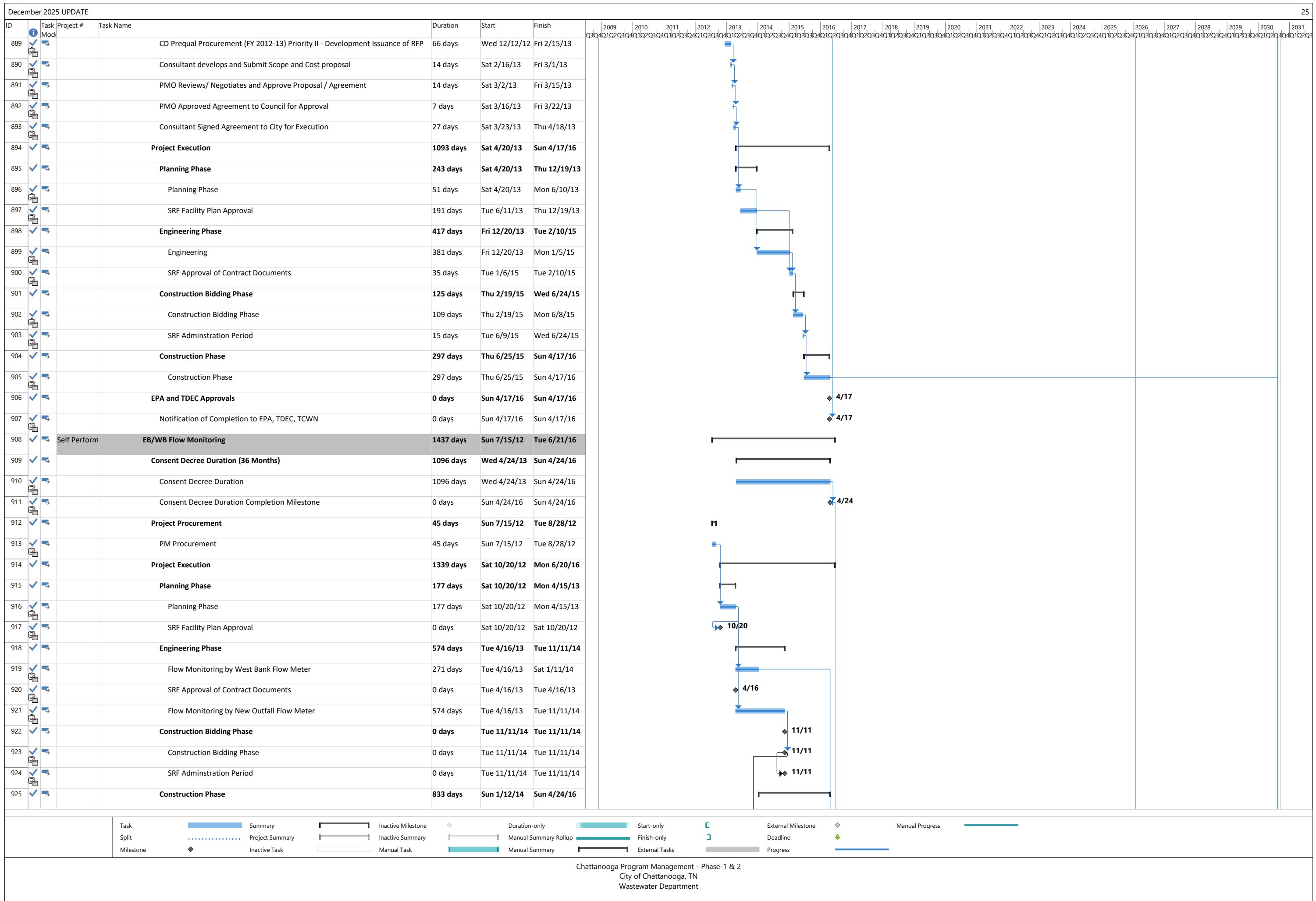




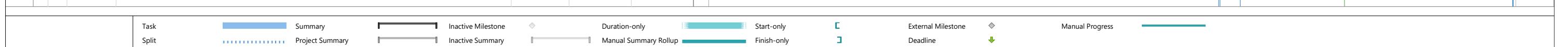


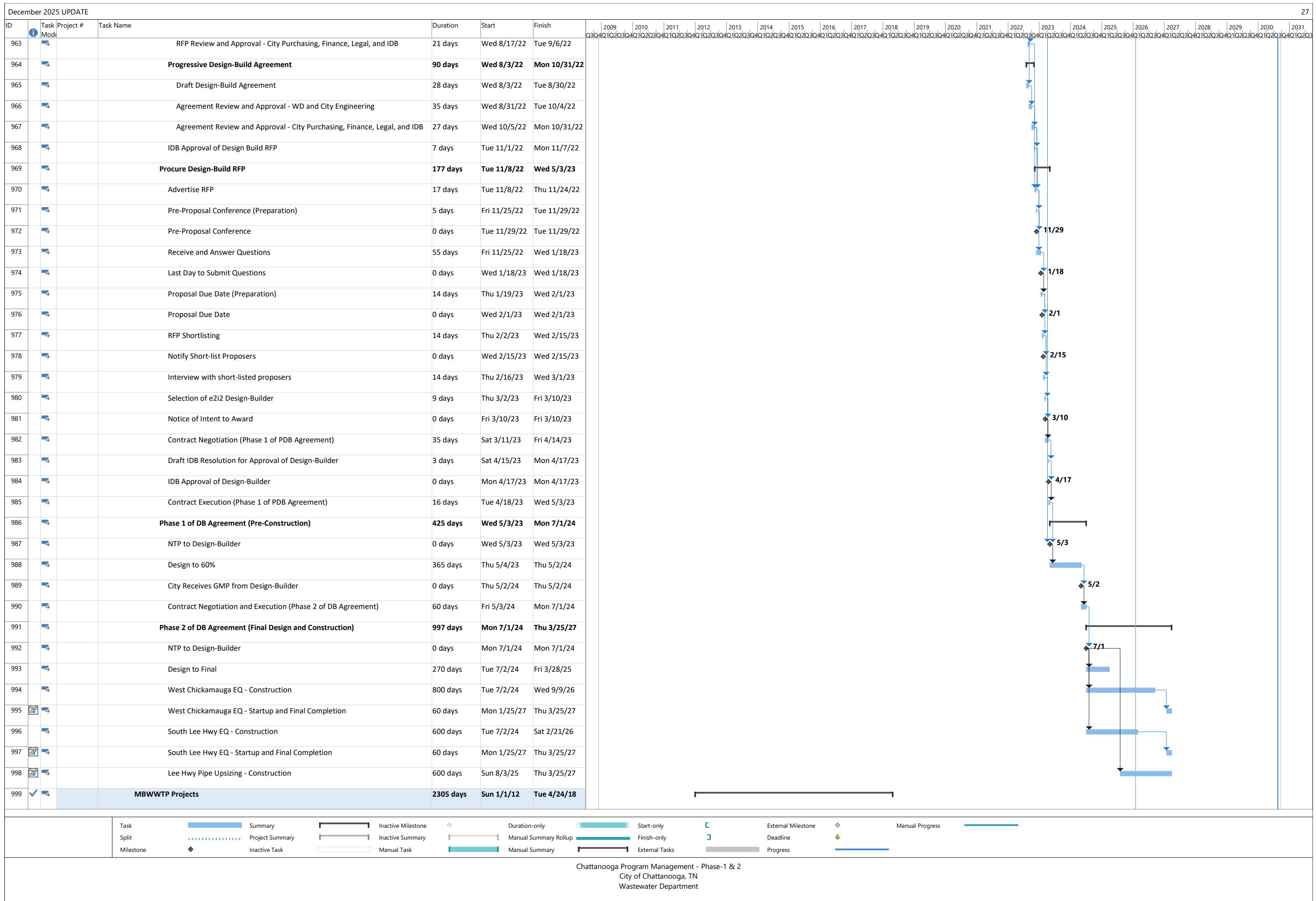
December 2025 UPDATE											22																			
ID	Task	Project #	Task Name	Duration	Start	Finish	03	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
778	✓		Construction Bidding Phase	88 days	Thu 1/30/14	Mon 4/28/14																								
779	✓		SRF Administration Period	36 days	Tue 3/25/14	Tue 4/29/14																								
780	✓		Construction Phase	1030 days	Mon 6/9/14	Tue 4/4/17																								
781	✓		Construction Phase	1030 days	Mon 6/9/14	Tue 4/4/17																								
782	✓		EPA and TDEC Approvals	0 days	Mon 7/31/17	Mon 7/31/17																								
783	✓		Notification of Completion to EPA, TDEC, TCWN	0 days	Mon 7/31/17	Mon 7/31/17																								
784	✓	W-09-011	Orchard Knob PS Improvements	2309 days	Thu 10/18/12	Wed 2/13/19																								
785	✓		Consent Decree Duration (60 Months)	1826 days	Wed 4/24/13	Tue 4/24/18																								
786	✓		Consent Decree Duration	1826 days	Wed 4/24/13	Tue 4/24/18																								
787	✓		Consent Decree Duration Completion Milestone	0 days	Tue 4/24/18	Tue 4/24/18																								
788	✓		Project Procurement	97 days	Thu 10/18/12	Tue 1/22/13																								
789	✓		CD Prequal Procurement (FY 2012-13) Priority I - Development Issuance of RFP	45 days	Thu 10/18/12	Sat 12/1/12																								
790	✓		Consultant develops and Submit Scope and Cost proposal	10 days	Sun 12/2/12	Tue 12/11/12																								
791	✓		PMO Reviews/ Negotiates and Approve Proposal / Agreement	10 days	Wed 12/12/12	Fri 12/21/12																								
792	✓		PMO Approved Agreement to Council for Approval	18 days	Sat 12/22/12	Tue 1/8/13																								
793	✓		Consultant Signed Agreement to City for Execution	14 days	Wed 1/9/13	Tue 1/22/13																								
794	✓		Project Execution	2128 days	Wed 4/17/13	Wed 2/13/19																								
795	✓		Planning Phase	271 days	Wed 4/17/13	Mon 1/13/14																								
796	✓		Planning Phase	239 days	Wed 4/17/13	Thu 12/12/13																								
797	✓		SRF Facility Plan Approval	31 days	Fri 12/13/13	Mon 1/13/14																								
798	✓		Engineering Phase	636 days	Tue 1/14/14	Mon 10/12/15																								
799	✓		Engineering	582 days	Tue 1/14/14	Wed 8/19/15																								
800	✓		SRF Approval of Contract Documents	53 days	Thu 8/20/15	Mon 10/12/15																								
801	✓		Construction Bidding Phase	149 days	Wed 10/21/15	Fri 3/18/16																								
802	✓		Construction Bidding Phase	122 days	Wed 10/21/15	Fri 2/19/16																								
803	✓		SRF Administration Phase	27 days	Sat 2/20/16	Fri 3/18/16																								
804	✓		Construction Phase	1061 days	Sat 3/19/16	Wed 2/13/19																								
805	✓		Construction Phase	1061 days	Sat 3/19/16	Wed 2/13/19																								
806	✓		Construction Substantial Completion	0 days	Wed 6/21/17	Wed 6/21/17																								
807	✓		EPA and TDEC Approvals	0 days	Mon 7/30/18	Mon 7/30/18																								
808	✓		Notification of Completion to EPA, TDEC, TCWN	0 days	Mon 7/30/18	Mon 7/30/18																								
809	✓	W-12-027	Friars Branch PS Improvements	3518 days	Wed 12/12/12	Sat 7/30/22																								
810	✓		Consent Decree Duration (60 Months)	1826 days	Wed 4/24/13	Tue 4/24/18																								
811	✓		Consent Decree Duration	1826 days	Wed 4/24/13	Tue 4/24/18																								
812	✓		Consent Decree Duration Completion Milestone	0 days	Tue 4/24/18	Tue 4/24/18																								
813	✓		Project Procurement	128 days	Wed 12/12/12	Thu 4/18/13																								
814	✓		CD Prequal Procurement (FY 2012-13) Priority II - Development Issuance of RFP	66 days	Wed 12/12/12	Fri 2/15/13																								
			Task	Summary			Split	Inactive Milestone			Milestone	Duration-only			Start-only	External Milestone			Manual Progress				Deadline				Progress			
			Project Summary	Inactive Summary			Milestone	Manual Task			Inactive Task	Manual Summary			Manual Summary	External Tasks			Progress				Deadline				Progress			

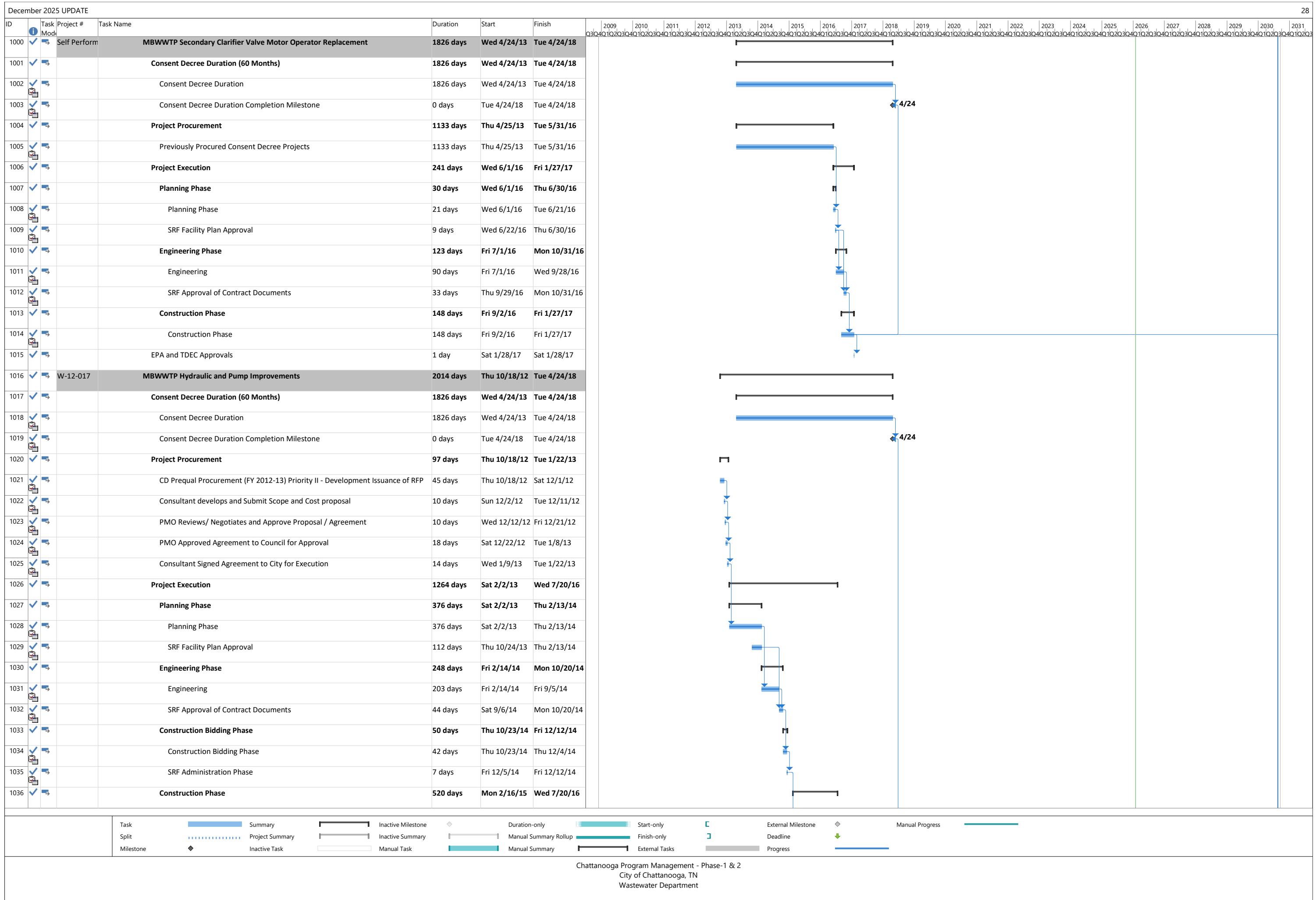


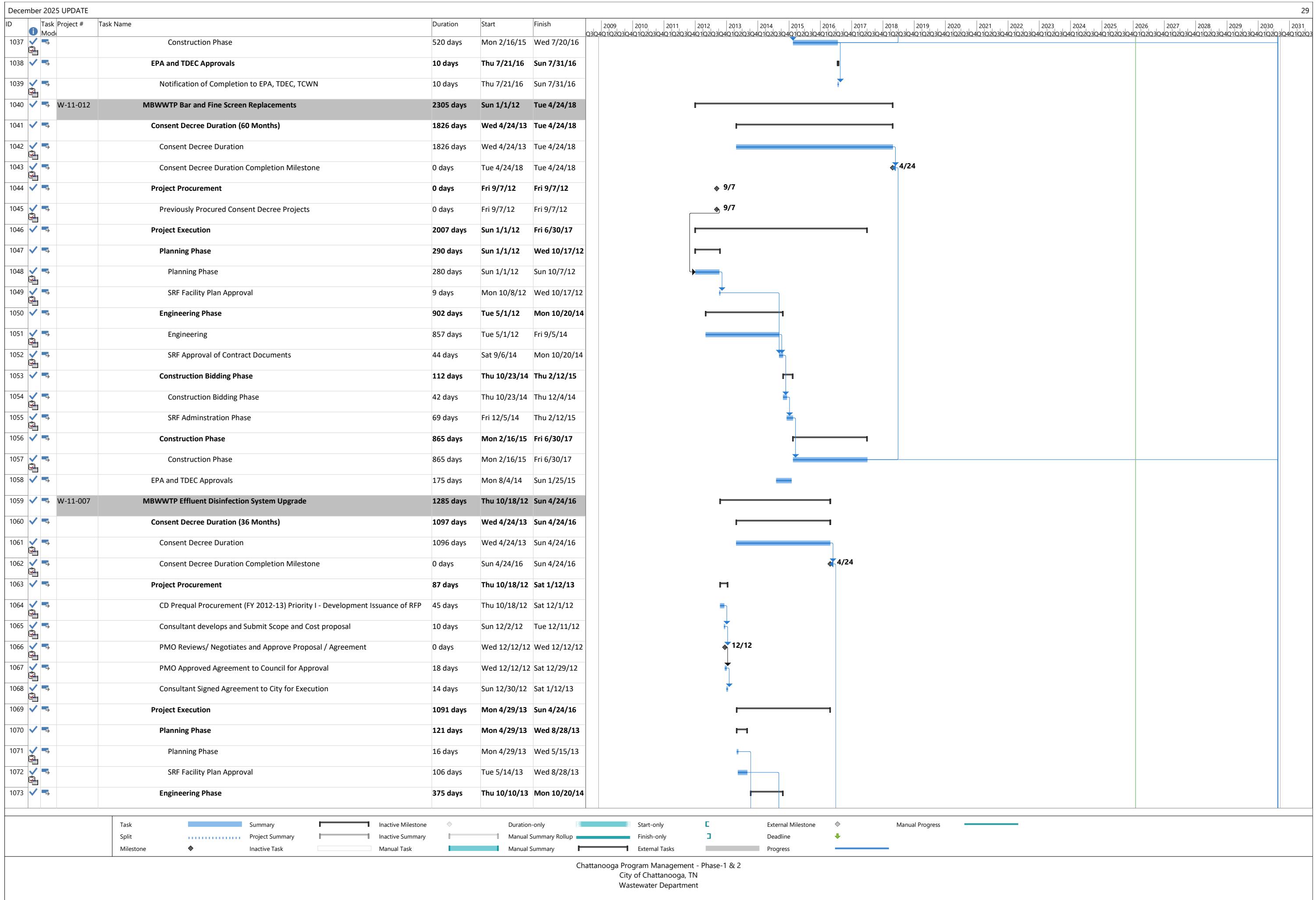


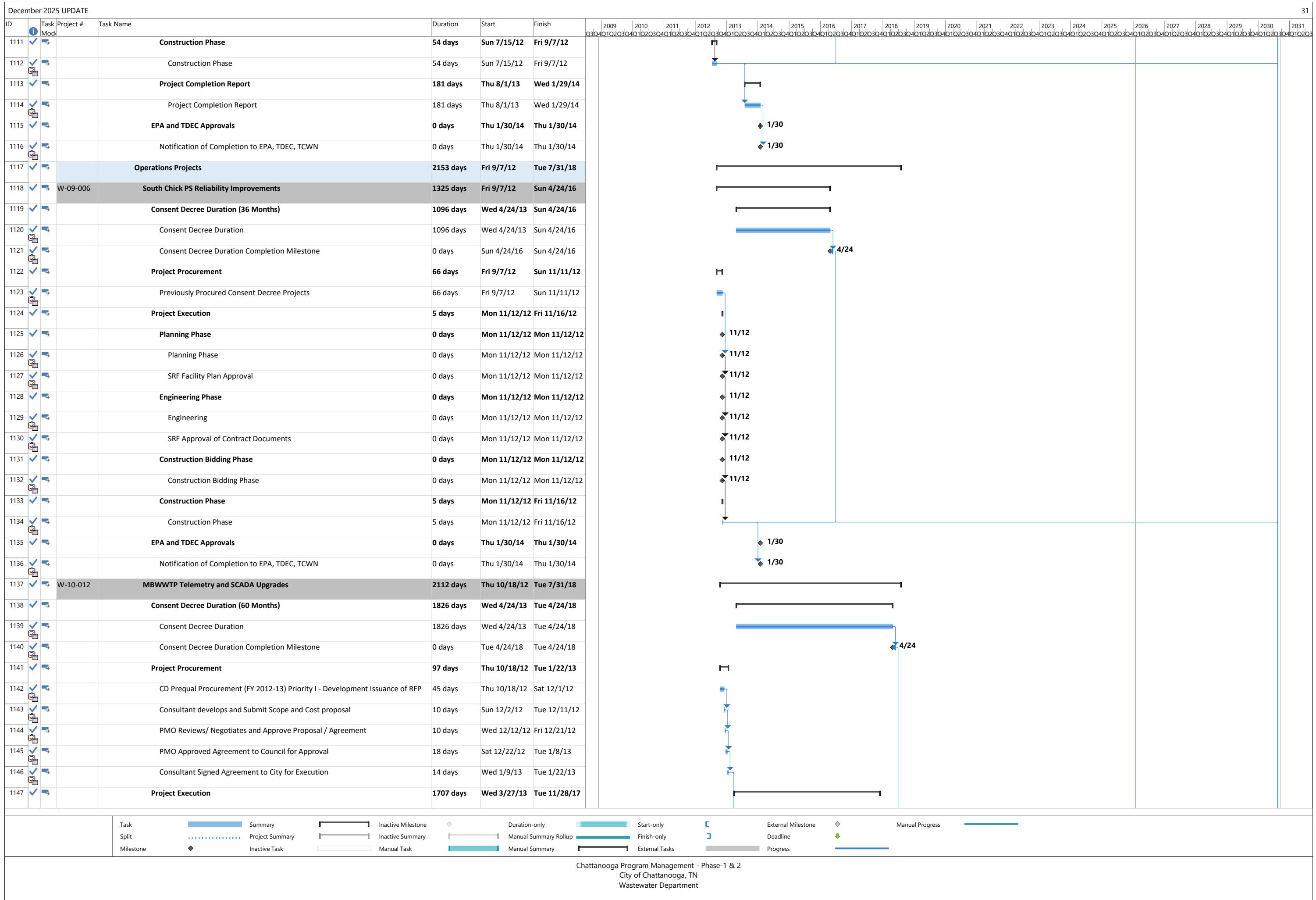
ID	Task Mod	Project #	Task Name	Duration	Start	Finish	Timeline
926	✓		Construction Phase	833 days	Sun 1/12/14	Sun 4/24/16	2009 Q3 2010 Q1 2011 Q2 2012 Q3 2013 Q4 2014 Q1 2015 Q2 2016 Q3 2017 Q4 2018 Q1 2019 Q2 2020 Q3 2021 Q4 2022 Q1 2023 Q2 2024 Q3 2025 Q4 2026 Q1 2027 Q2 2028 Q3 2029 Q4 2030 Q1 2031 Q2
927	✓		Project Completion Report	56 days	Mon 4/25/16	Mon 6/20/16	6/21
928	✓		Project Completion Report	56 days	Mon 4/25/16	Mon 6/20/16	6/21
929	✓		EPA and TDEC Approvals	0 days	Tue 6/21/16	Tue 6/21/16	6/21
930	✓		Notification of Completion to EPA, TDEC, TCWN	0 days	Tue 6/21/16	Tue 6/21/16	6/21
931	W-20-001		e2i2 SSO Abatement Program	1977 days	Tue 10/26/21	Thu 3/25/27	
932			Administration	438 days	Tue 12/14/21	Fri 2/24/23	
933			City-IDB MoU	112 days	Tue 12/14/21	Mon 4/4/22	
934	CALENDAR		Resolution Request for City-IDB MoU	8 days	Tue 12/14/21	Tue 12/21/21	
935			Approval of City-IDB MoU	48 days	Wed 12/22/21	Mon 2/7/22	
936			Prepare City-IDB MoU 1st Admendment	35 days	Tue 2/8/22	Mon 3/14/22	
937			City-IDB MoU 1st Admendment to City Council	15 days	Tue 3/15/22	Tue 3/29/22	
938			City Council Approval of City-IDB MoU 1st Admendment	0 days	Tue 3/29/22	Tue 3/29/22	
939			City-IDB MoU 1st Amendment to IDB	21 days	Tue 3/15/22	Mon 4/4/22	
940			IDB Approval of City-IDB MoU Admendment	0 days	Mon 4/4/22	Mon 4/4/22	
941			e2i2 Agreement	410 days	Tue 1/11/22	Fri 2/24/23	
942	CALENDAR		City Council Approval of e2i2 - 2nd Amendment	0 days	Tue 1/11/22	Tue 1/11/22	
943			Draft e2i2 4th Amendment (Financial Agreement)	297 days	Wed 3/30/22	Fri 1/20/23	
944			City Council Approval of e2i2 4th Amendment (Financial Agreement)	33 days	Sat 1/21/23	Wed 2/22/23	
945			HCWWTA Approval of e2i2 4th Amendment (Financial Agreement)	35 days	Sat 1/21/23	Fri 2/24/23	
946			WIFIA Project Funding	393 days	Tue 10/26/21	Tue 11/22/22	
947	CALENDAR		WIFIA Loan Invitation to Apply	0 days	Tue 10/26/21	Tue 10/26/21	
948			WIFIA Loan Application	126 days	Tue 10/26/21	Mon 2/28/22	
949			WIFIA Loan Submittal	0 days	Mon 2/28/22	Mon 2/28/22	
950			WIFIA Processing	210 days	Tue 3/1/22	Mon 9/26/22	
951			WIFIA Loan Closing	57 days	Tue 9/27/22	Tue 11/22/22	
952			WIFIA Funds Available	0 days	Tue 11/22/22	Tue 11/22/22	
953			City and IDB Admin and Accounting Setup	90 days	Wed 11/23/22	Mon 2/20/23	
954			Phase 1 - W. Chick EQ and South Lee Hwy EQ	1879 days	Tue 2/1/22	Thu 3/25/27	
955			Preliminary Engineering	270 days	Tue 2/1/22	Fri 10/28/22	
956	CALENDAR		Project Phase Recommendations from City/HCWWTA	95 days	Tue 2/1/22	Fri 5/6/22	
957			Feasibility Analysis Report	146 days	Sat 5/7/22	Thu 9/29/22	
958			Preliminary Engineering Report	29 days	Fri 9/30/22	Fri 10/28/22	
959			Design-Build Procurement Documents	185 days	Sat 5/7/22	Mon 11/7/22	
960			Progressive Design-Build RFP	123 days	Sat 5/7/22	Tue 9/6/22	
961			Draft RFP	88 days	Sat 5/7/22	Tue 8/2/22	
962			RFP Review and Approval - WD and City Engineering	14 days	Wed 8/3/22	Tue 8/16/22	

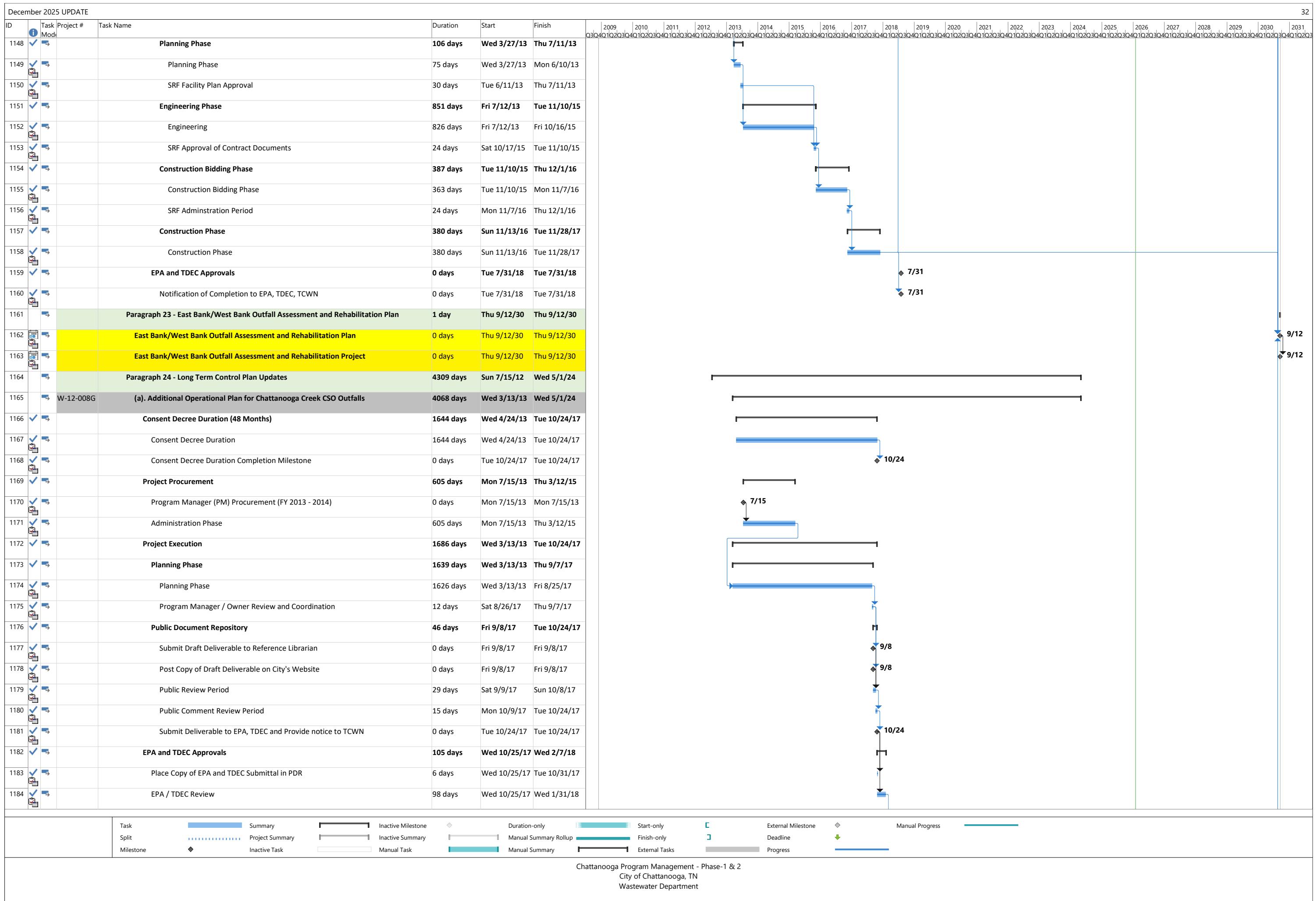




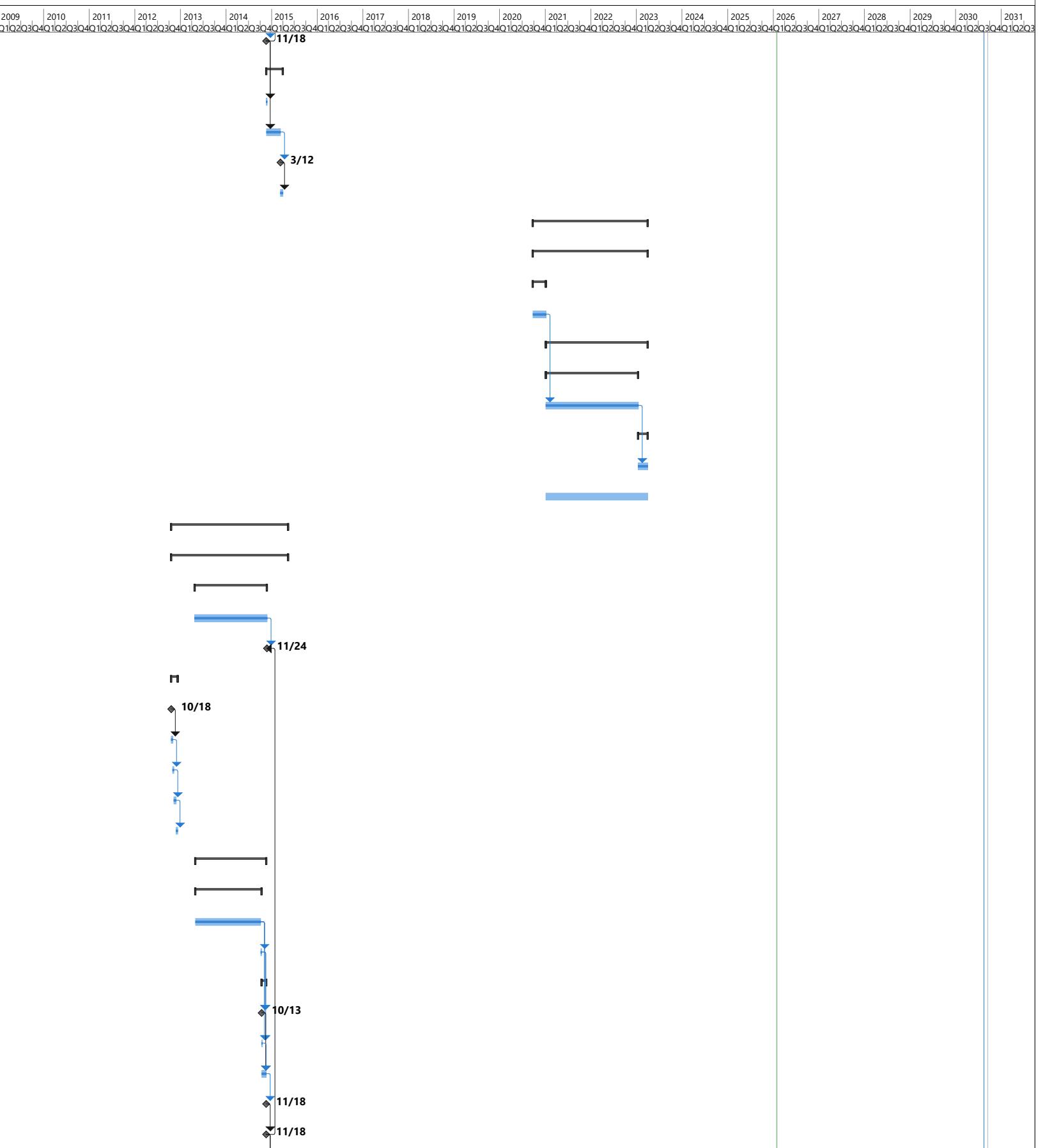


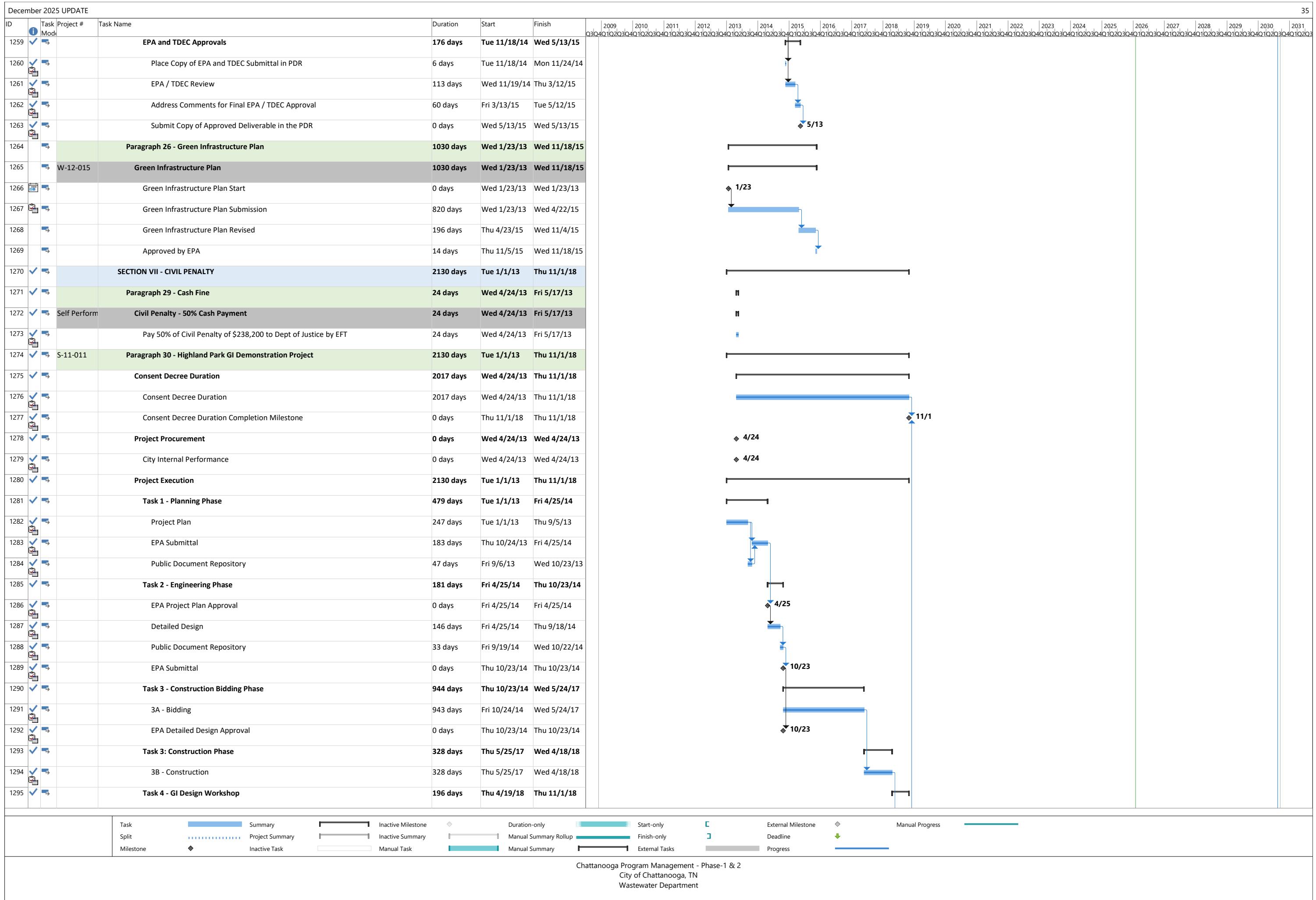


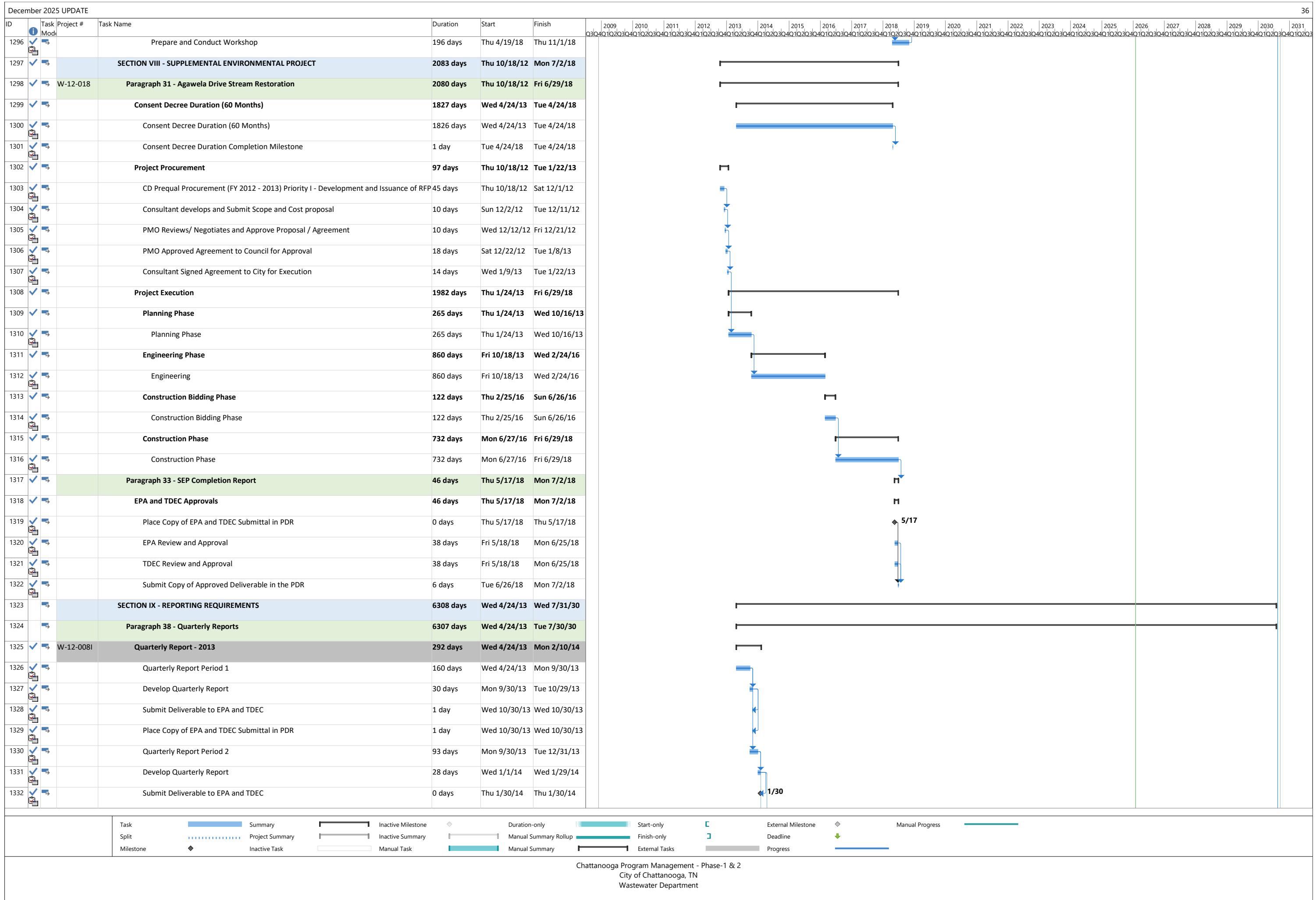


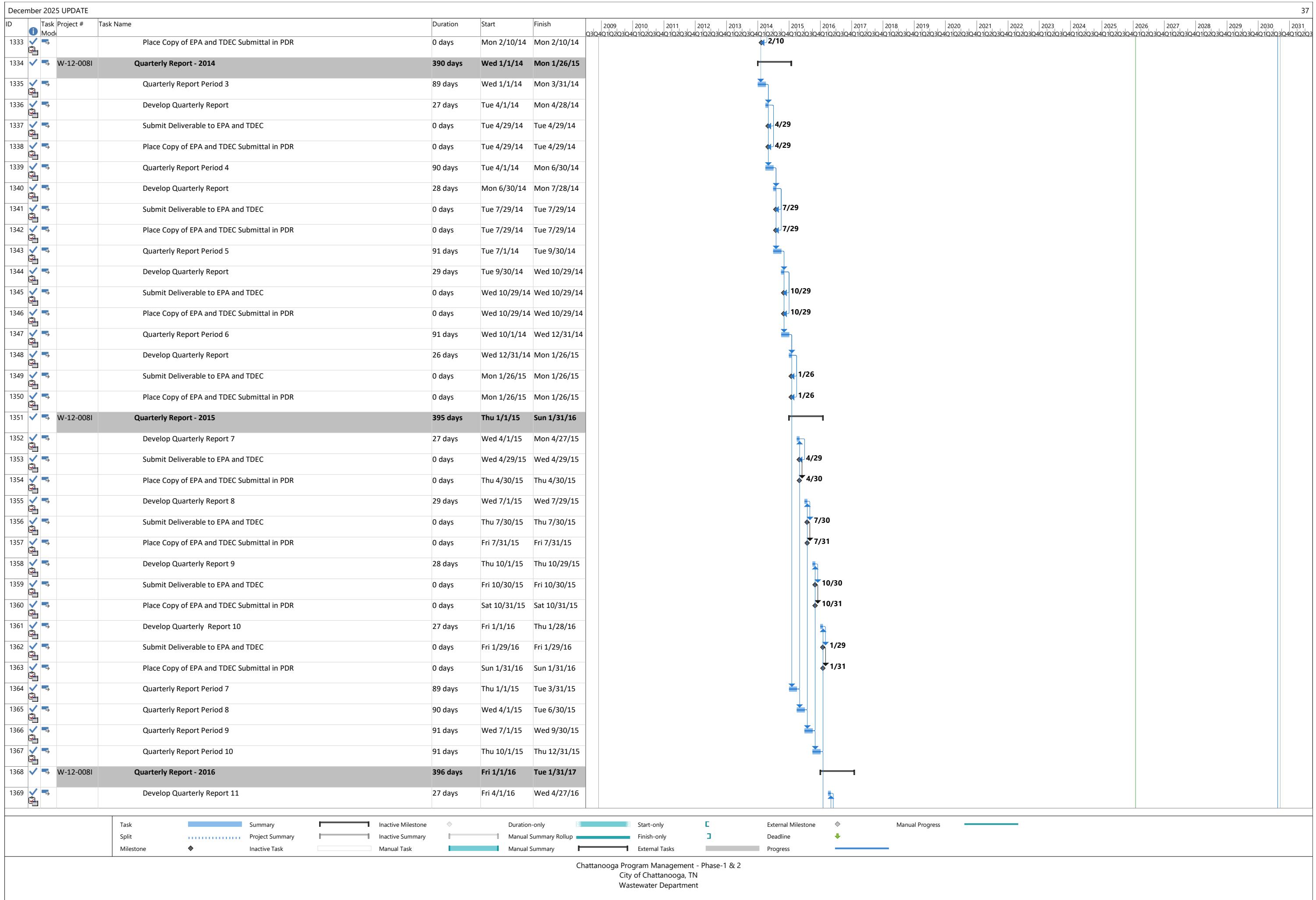


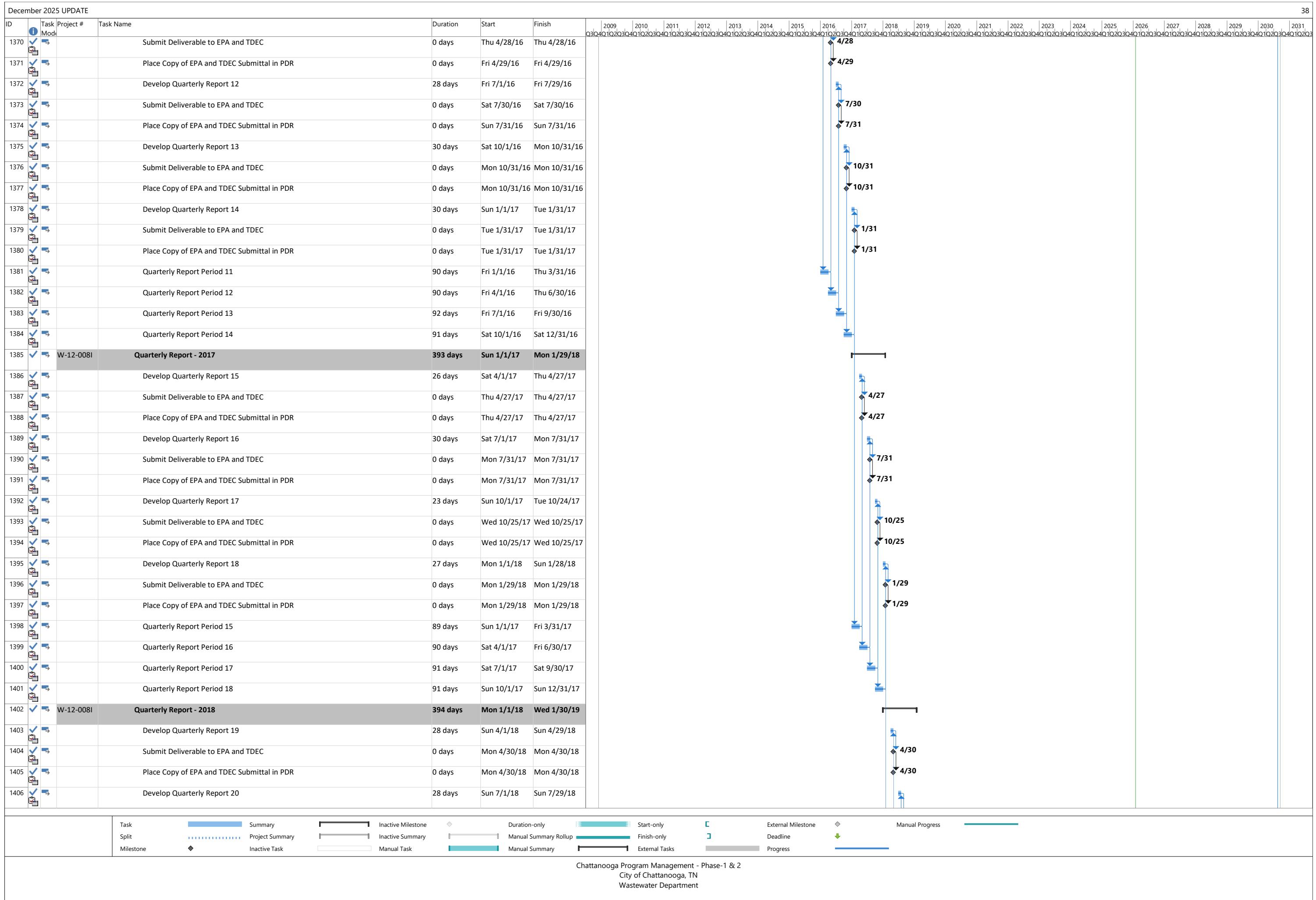
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1222	✓		Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0 days	Tue 11/18/14	Tue 11/18/14	
1223	✓		EPA and TDEC Approvals	133 days	Tue 11/18/14	Tue 3/31/15	
1224	✓		Place Copy of EPA and TDEC Submittal in PDR	6 days	Tue 11/18/14	Mon 11/24/14	
1225	✓		EPA / TDEC Review	113 days	Wed 11/19/14	Thu 3/12/15	
1226	✓		Address Comments for Final EPA / TDEC Approval	0 days	Thu 3/12/15	Thu 3/12/15	
1227	✓		Submit Copy of Approved Deliverable in the PDR	19 days	Thu 3/12/15	Tue 3/31/15	
1228			(c). Maximizing Treatment at Moccasin Bend WWTP	919 days	Wed 9/23/20	Thu 3/30/23	
1229	➡	W-20-022	Maximizing Treatment at MBWWTP - Feasibility Analysis	919 days	Wed 9/23/20	Thu 3/30/23	
1230	✓		Project Procurement	104 days	Wed 9/23/20	Mon 1/4/21	
1231	✓		Project Procurement	104 days	Wed 9/23/20	Mon 1/4/21	
1232	✓		Project Execution	815 days	Tue 1/5/21	Thu 3/30/23	
1233	✓		Planning Phase	739 days	Tue 1/5/21	Fri 1/13/23	
1234	✓		Planning Phase	739 days	Tue 1/5/21	Fri 1/13/23	
1235	✓		Project Closeout	77 days	Fri 1/13/23	Thu 3/30/23	
1236	✓		Project Closeout	77 days	Fri 1/13/23	Thu 3/30/23	
1237	➡		Consent Decree Duration	815 days	Tue 1/5/21	Thu 3/30/23	
1238	✓		Paragraph 25 - Moccasin Bend WWTP Process Controls Program	937 days	Thu 10/18/12	Wed 5/13/15	
1239	✓	W-12-012	MBWWTP Process Controls Program	937 days	Thu 10/18/12	Wed 5/13/15	
1240	✓		Consent Decree Duration (19 Months)	579 days	Wed 4/24/13	Mon 11/24/14	
1241	✓		Consent Decree Duration	579 days	Wed 4/24/13	Mon 11/24/14	
1242	✓		Consent Decree Duration Completion Milestone	0 days	Mon 11/24/14	Mon 11/24/14	
1243	✓		Project Procurement	52 days	Thu 10/18/12	Sat 12/8/12	
1244	✓		CD Prequal Procurement (FY 2012-13) Priority I - Development Issuance of RFP	0 days	Thu 10/18/12	Thu 10/18/12	
1245	✓		Consultant develops and Submit Scope and Cost proposal	10 days	Thu 10/18/12	Sat 10/27/12	
1246	✓		PMO Reviews/ Negotiates and Approve Proposal / Agreement	10 days	Sun 10/28/12	Tue 11/6/12	
1247	✓		PMO Approved Agreement to Council for Approval	18 days	Wed 11/7/12	Sat 11/24/12	
1248	✓		Consultant Signed Agreement to City for Execution	14 days	Sun 11/25/12	Sat 12/8/12	
1249	✓		Project Execution	568 days	Mon 4/29/13	Tue 11/18/14	
1250	✓		Planning Phase	531 days	Mon 4/29/13	Sun 10/12/14	
1251	✓		Planning Phase	522 days	Mon 4/29/13	Fri 10/3/14	
1252	✓		Program Manager / Owner Review and Coordination	8 days	Sat 10/4/14	Sun 10/12/14	
1253	✓		Public Document Repository	36 days	Mon 10/13/14	Tue 11/18/14	
1254	✓		Submit Draft Deliverable to Reference Librarian	0 days	Mon 10/13/14	Mon 10/13/14	
1255	✓		Post Copy of Draft Deliverable on City's Website	3 days	Mon 10/13/14	Thu 10/16/14	
1256	✓		Public Review Period	35 days	Mon 10/13/14	Mon 11/17/14	
1257	✓		Public Comment Review Period	0 days	Tue 11/18/14	Tue 11/18/14	
1258	✓		Submit Deliverable to EPA, TDEC and Provide notice to TCWN	0 days	Tue 11/18/14	Tue 11/18/14	

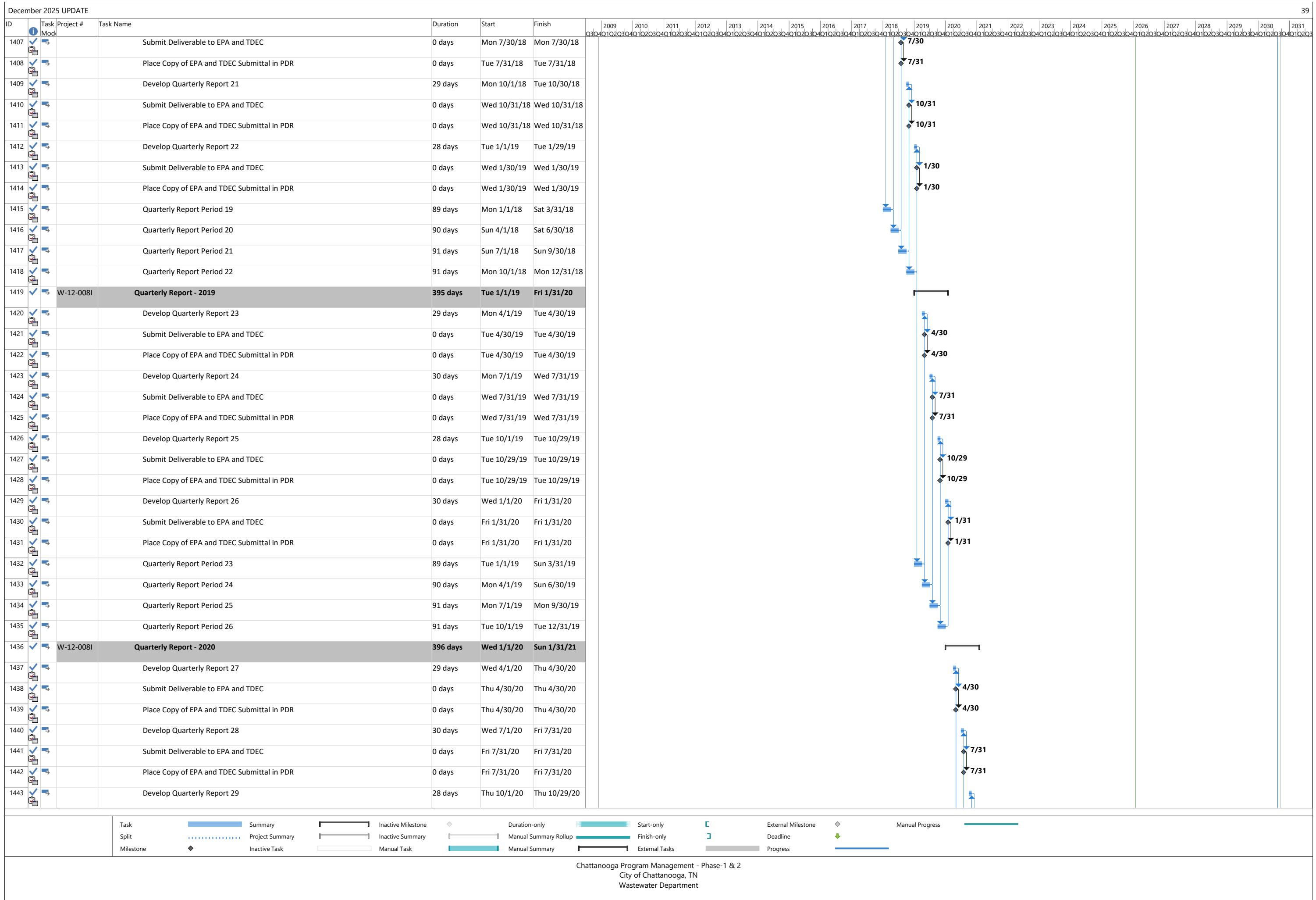


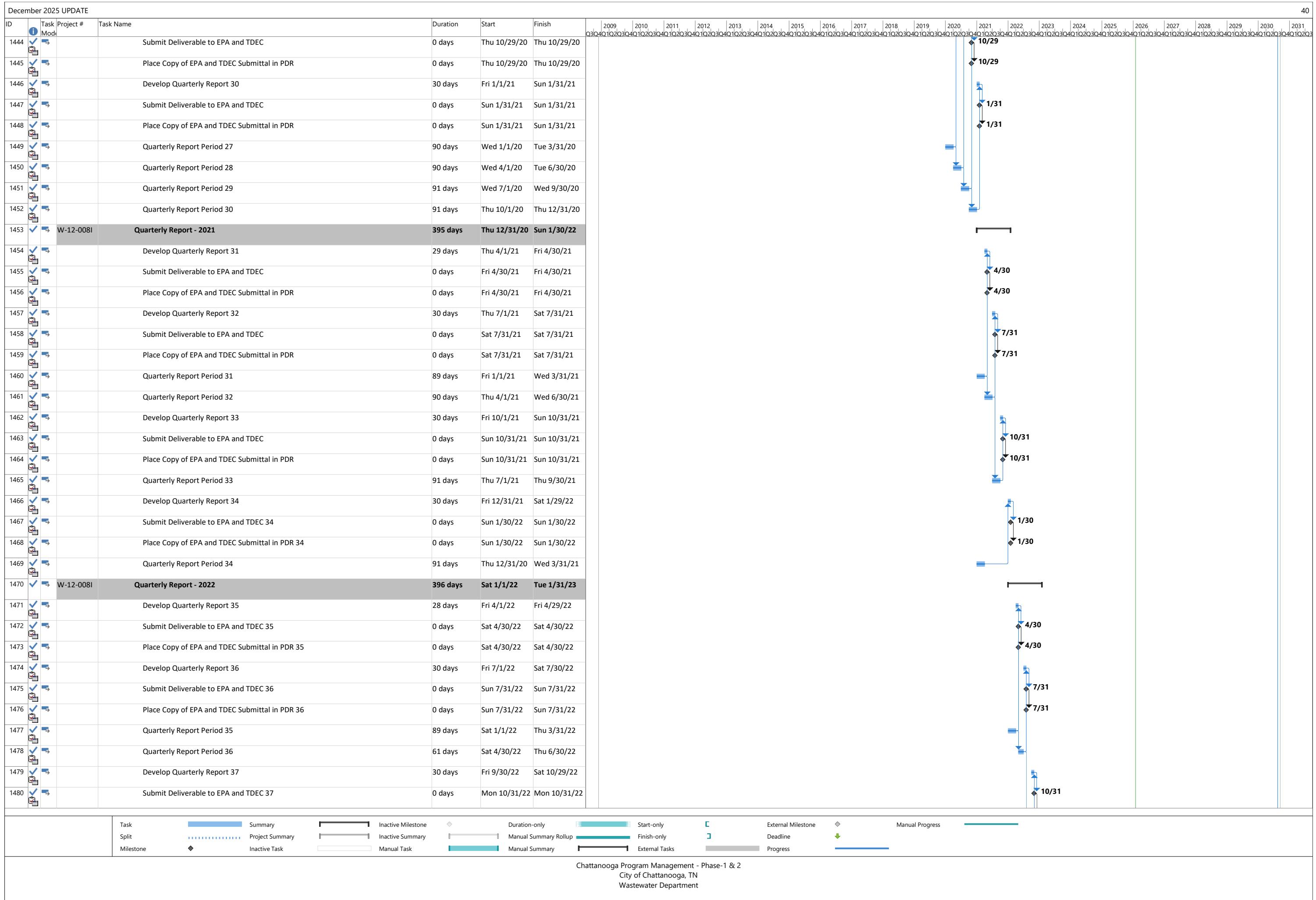


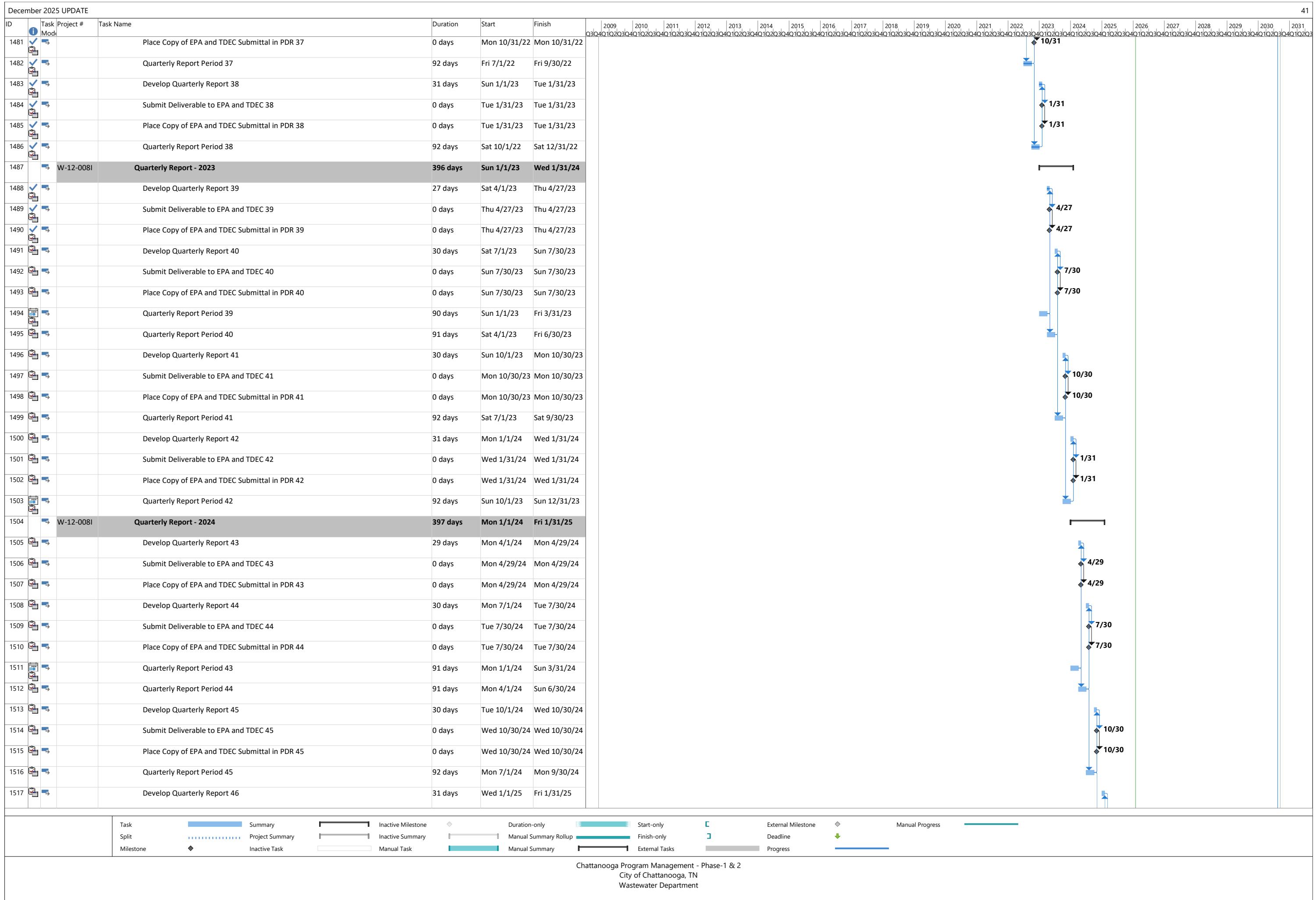


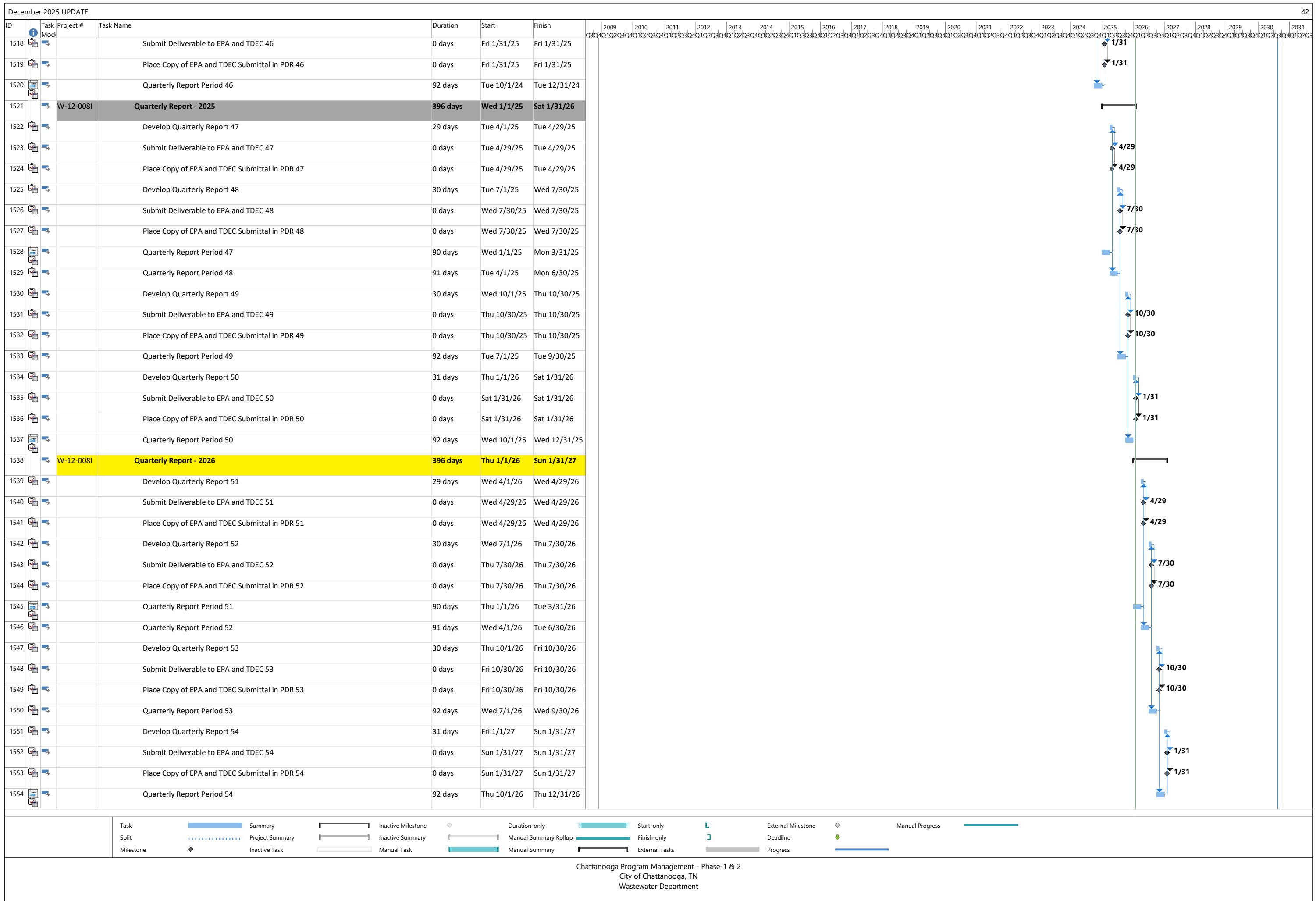


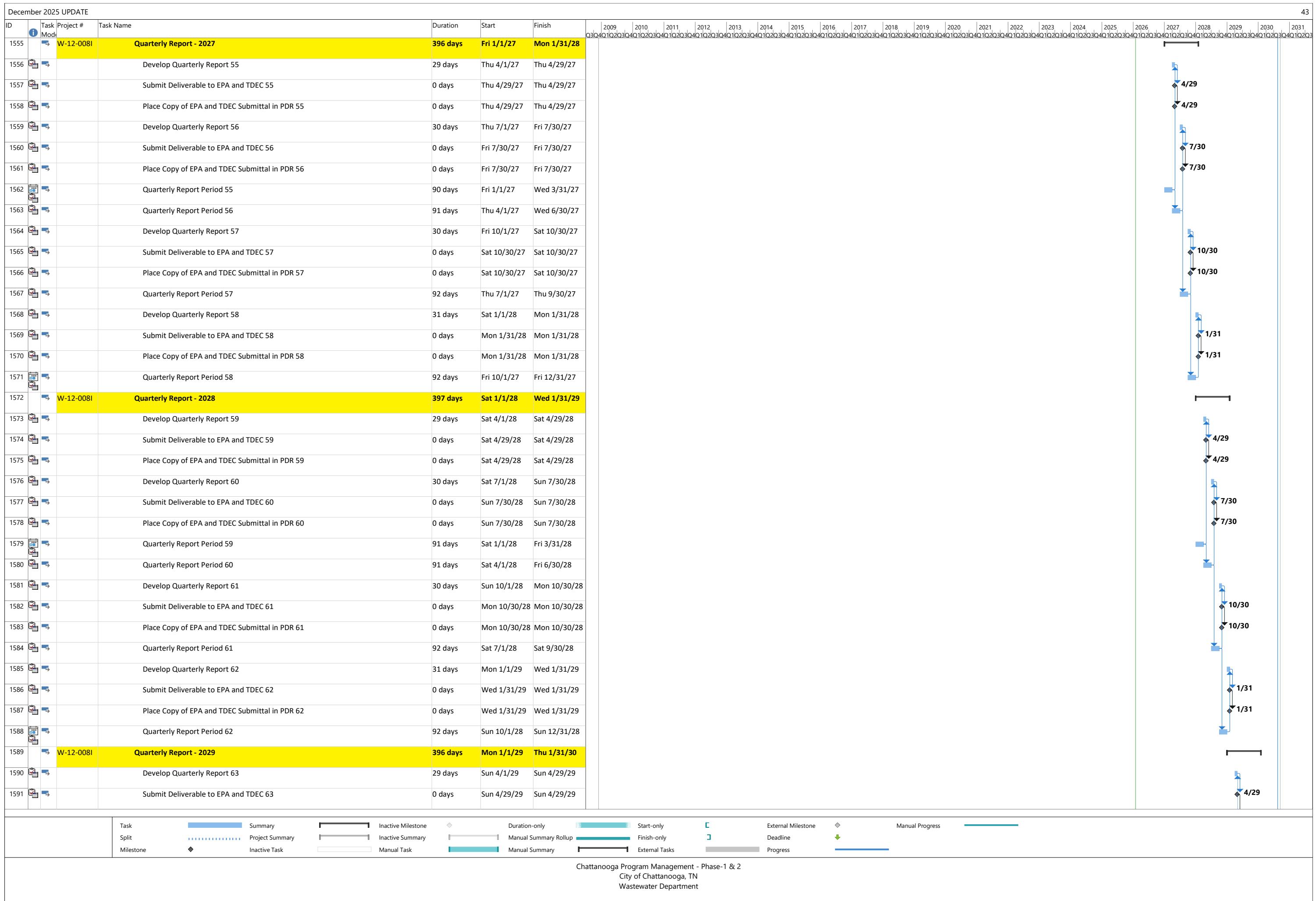


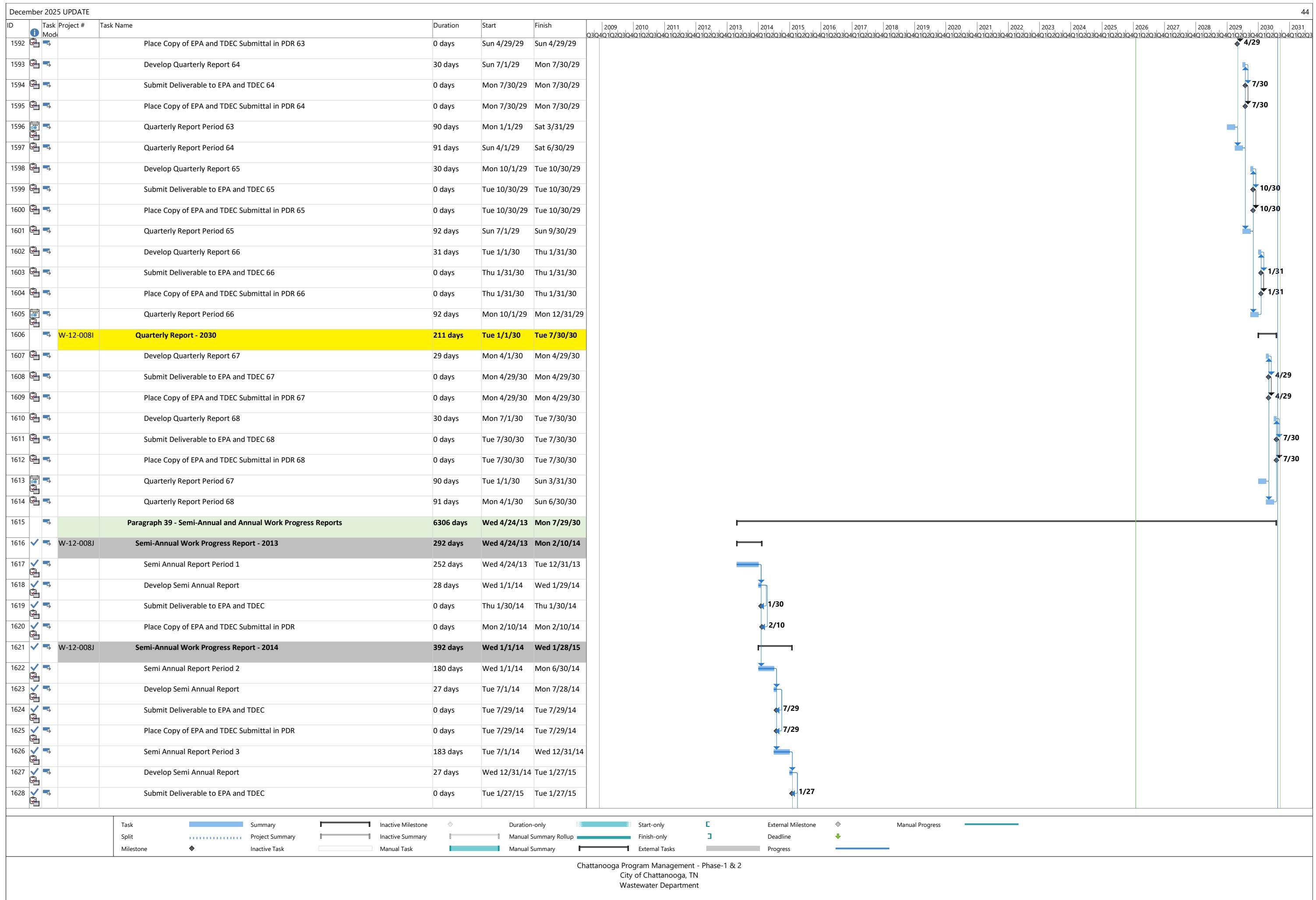


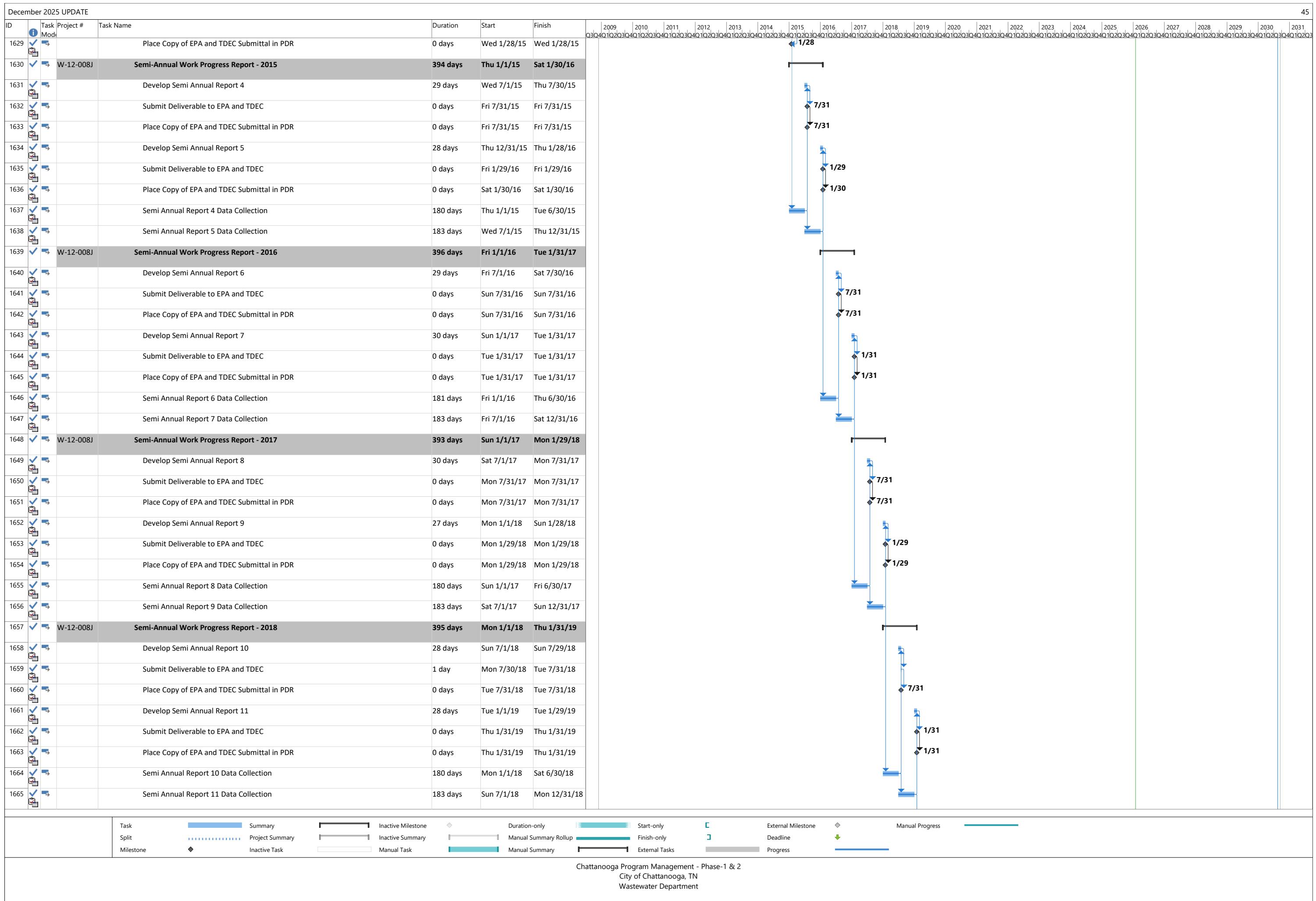


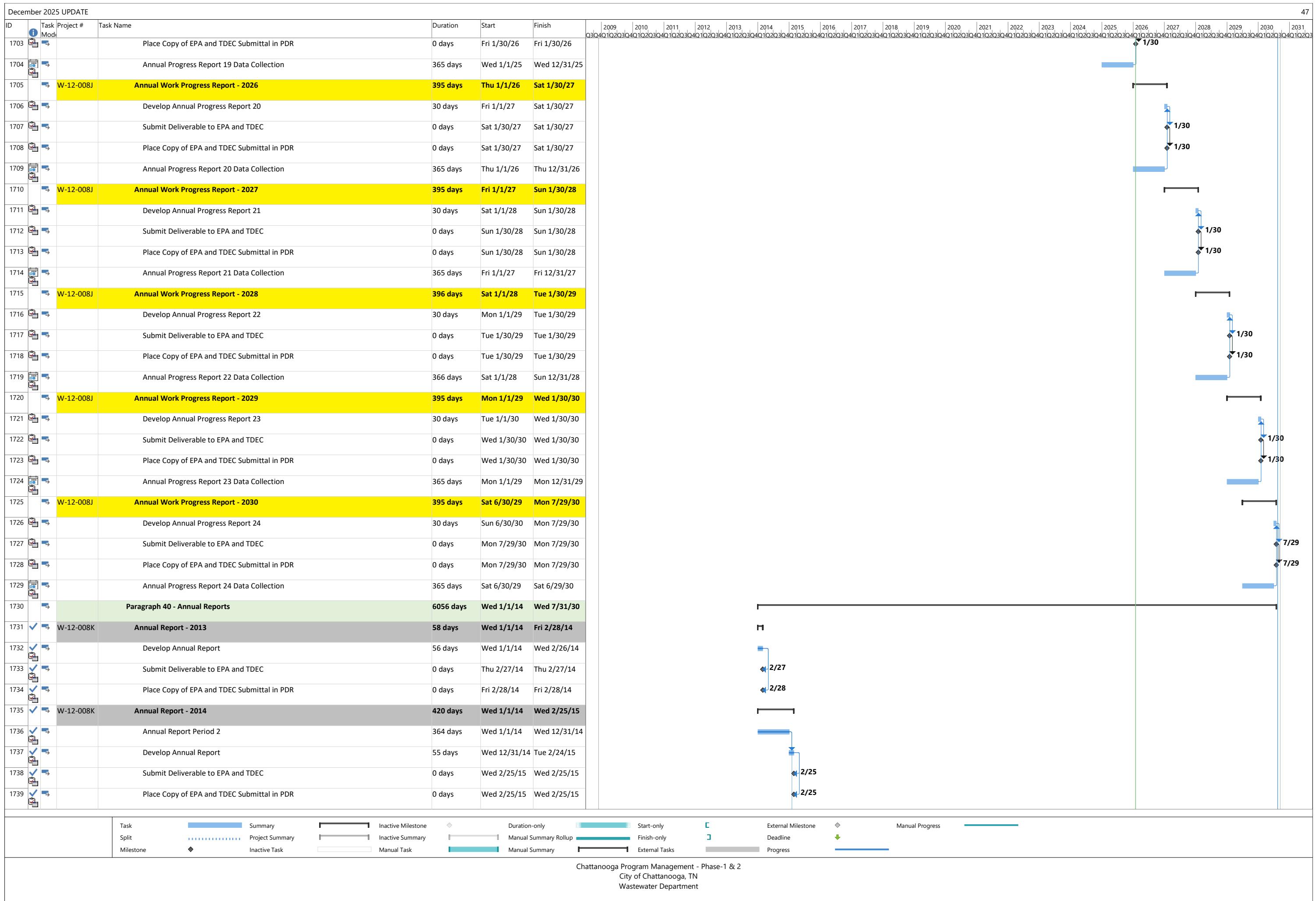


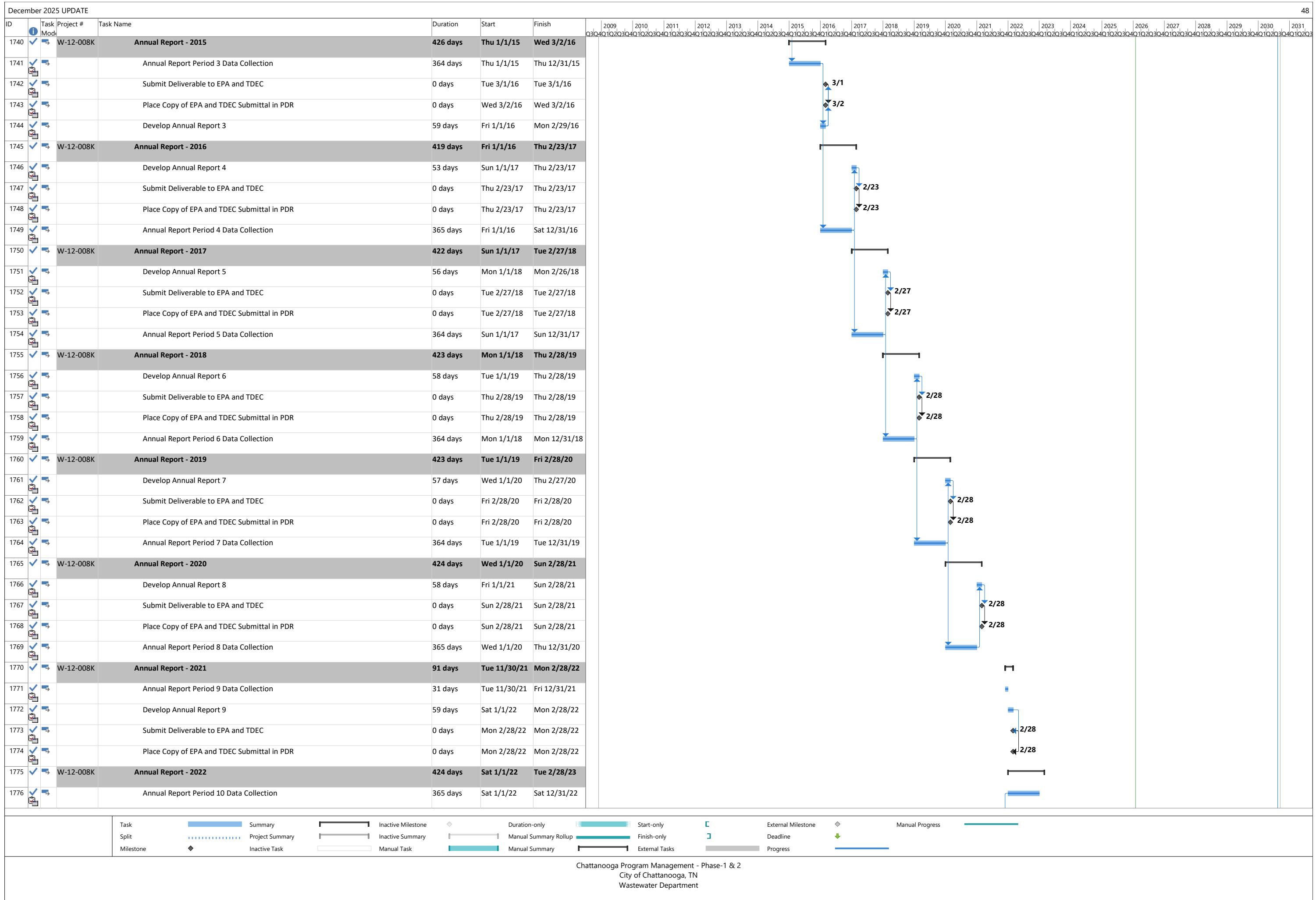


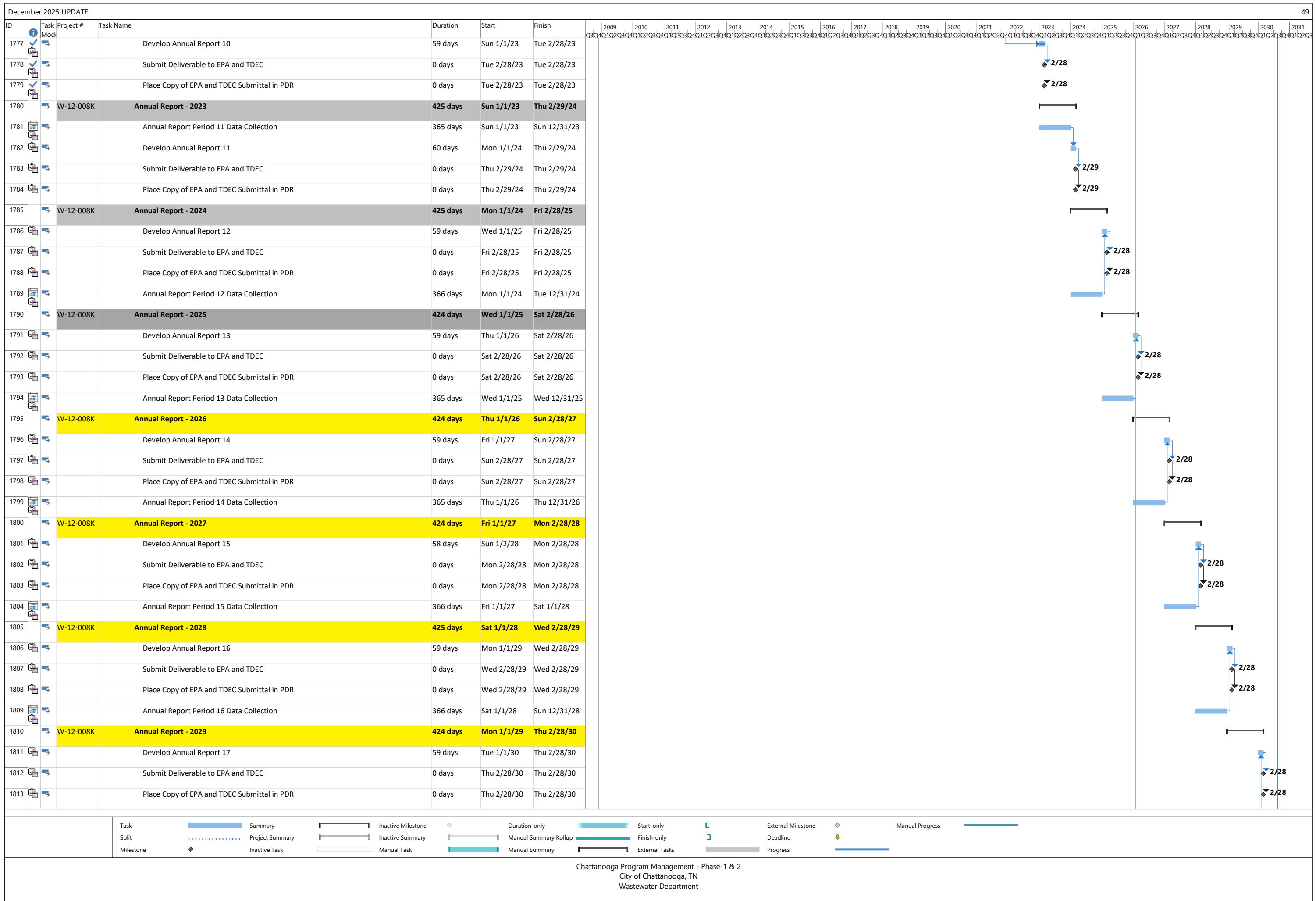


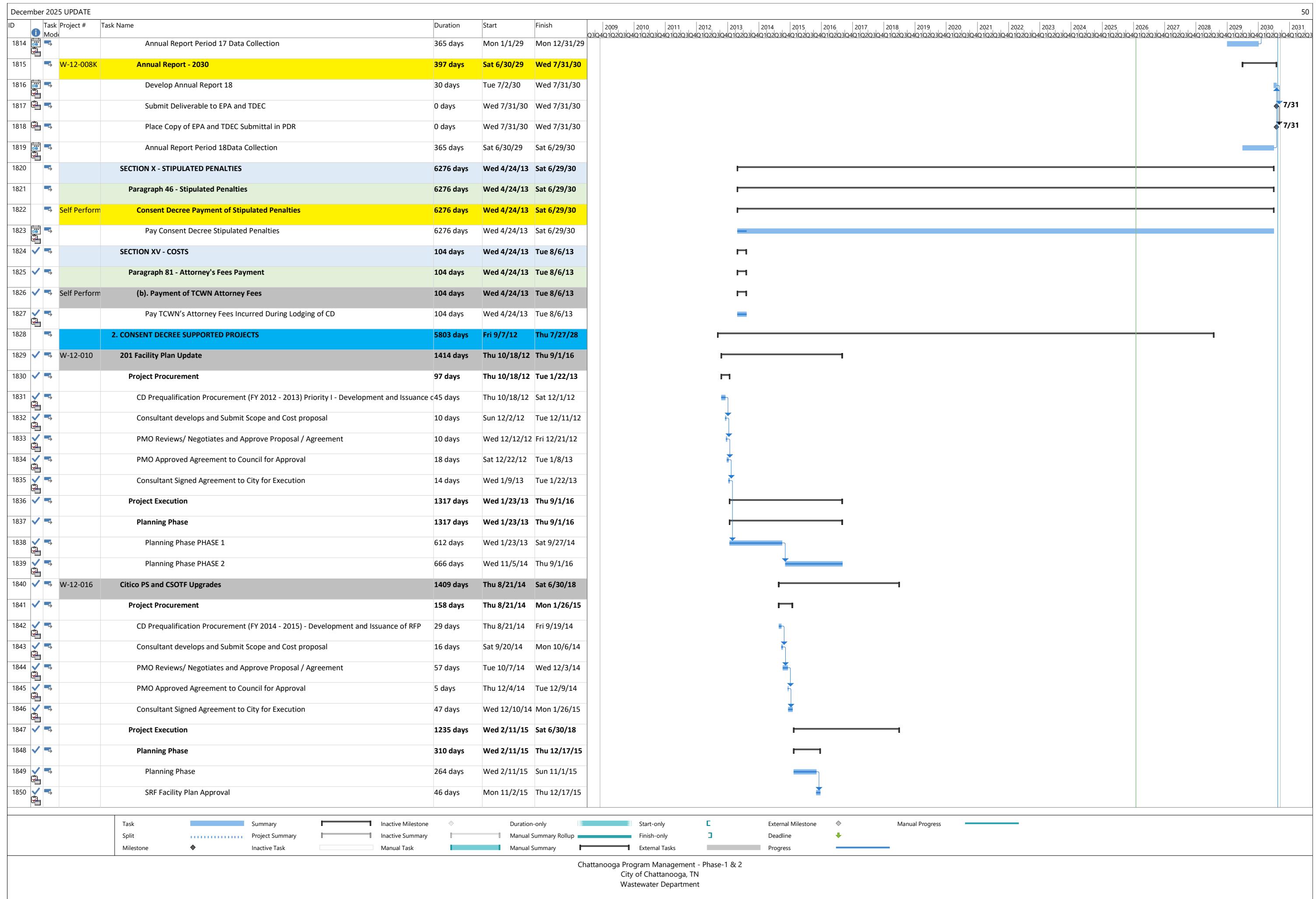


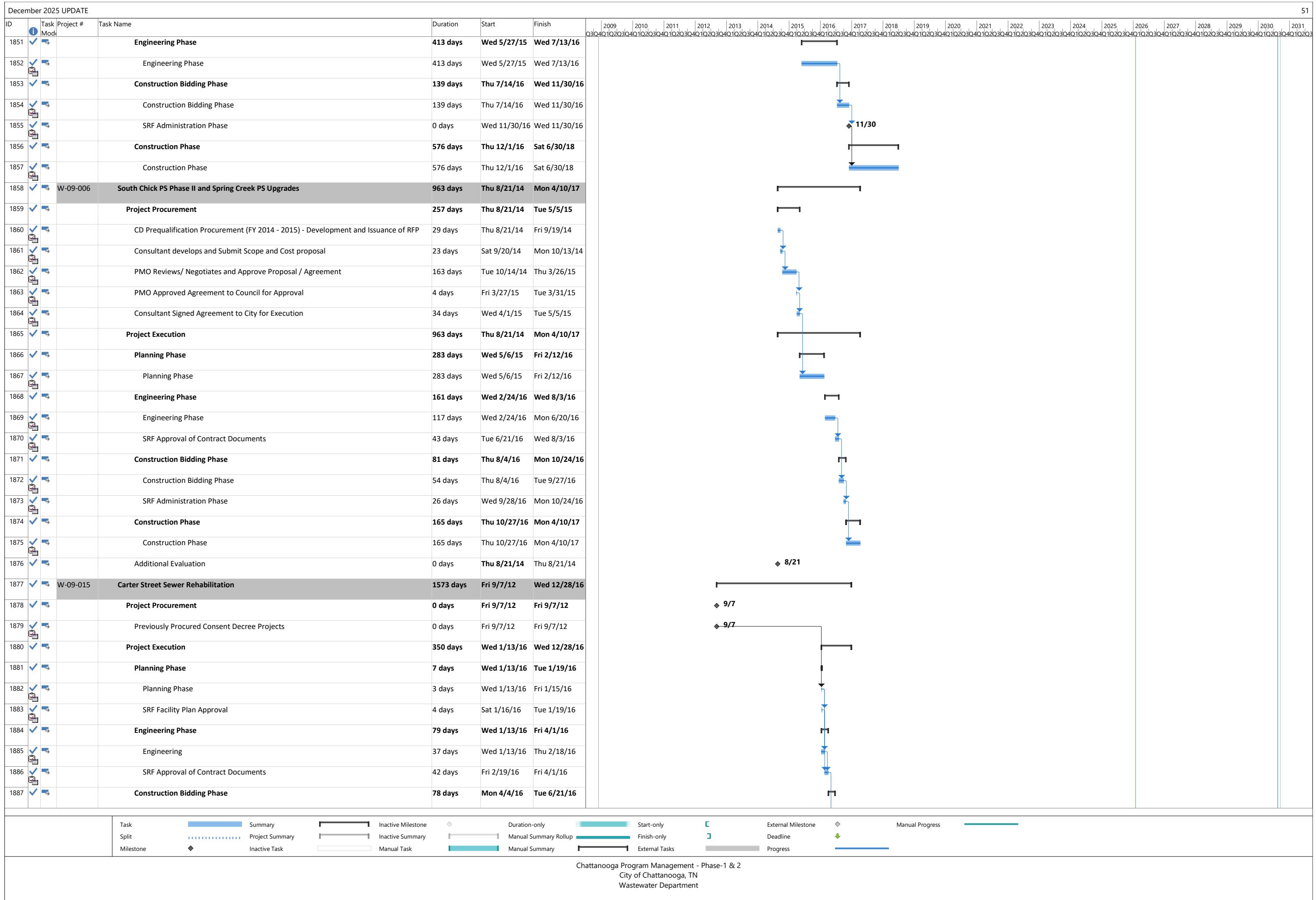




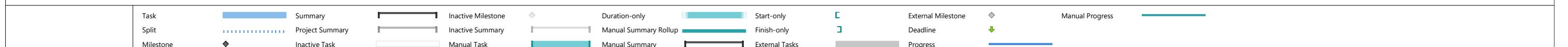
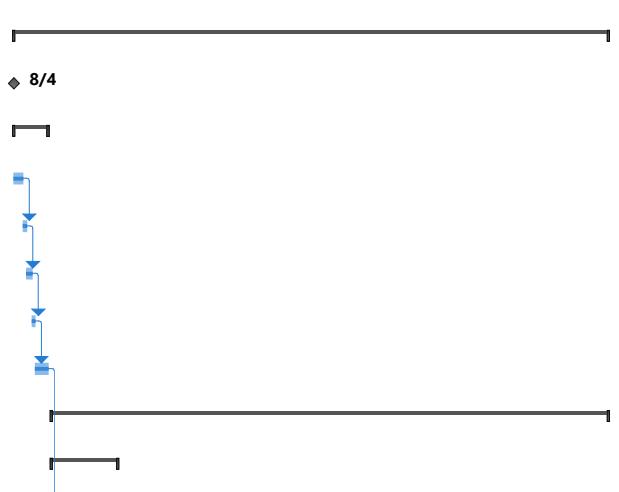
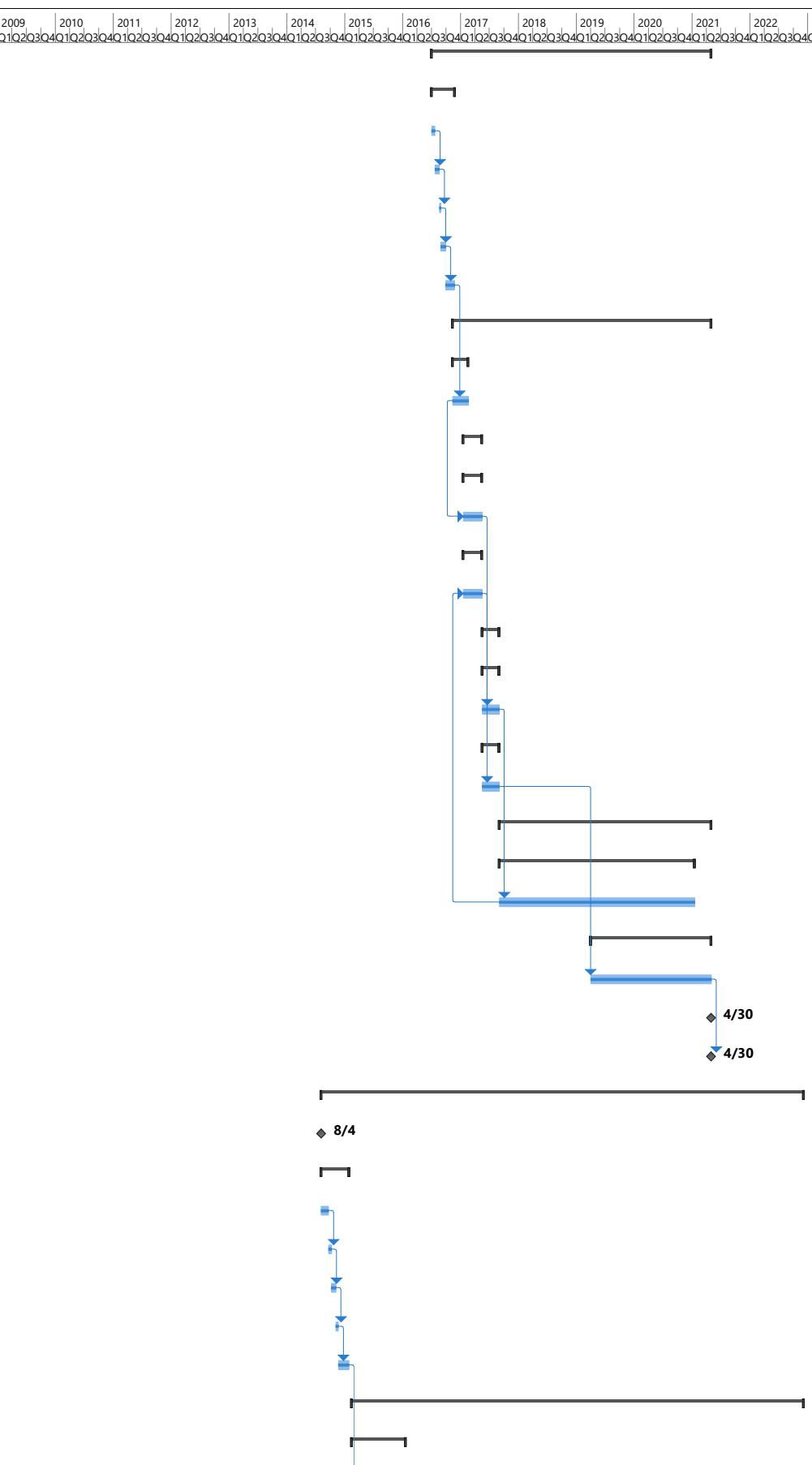


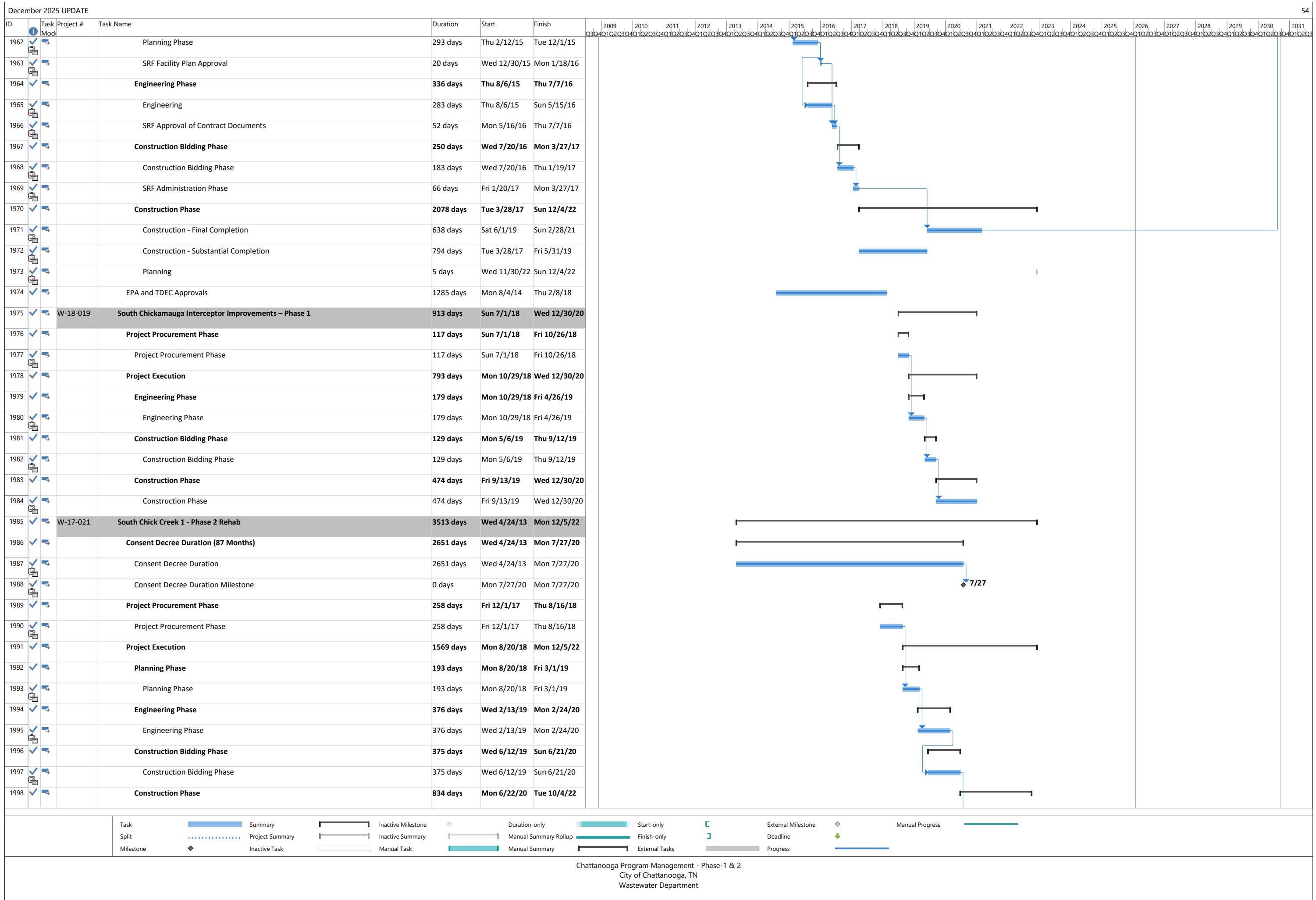


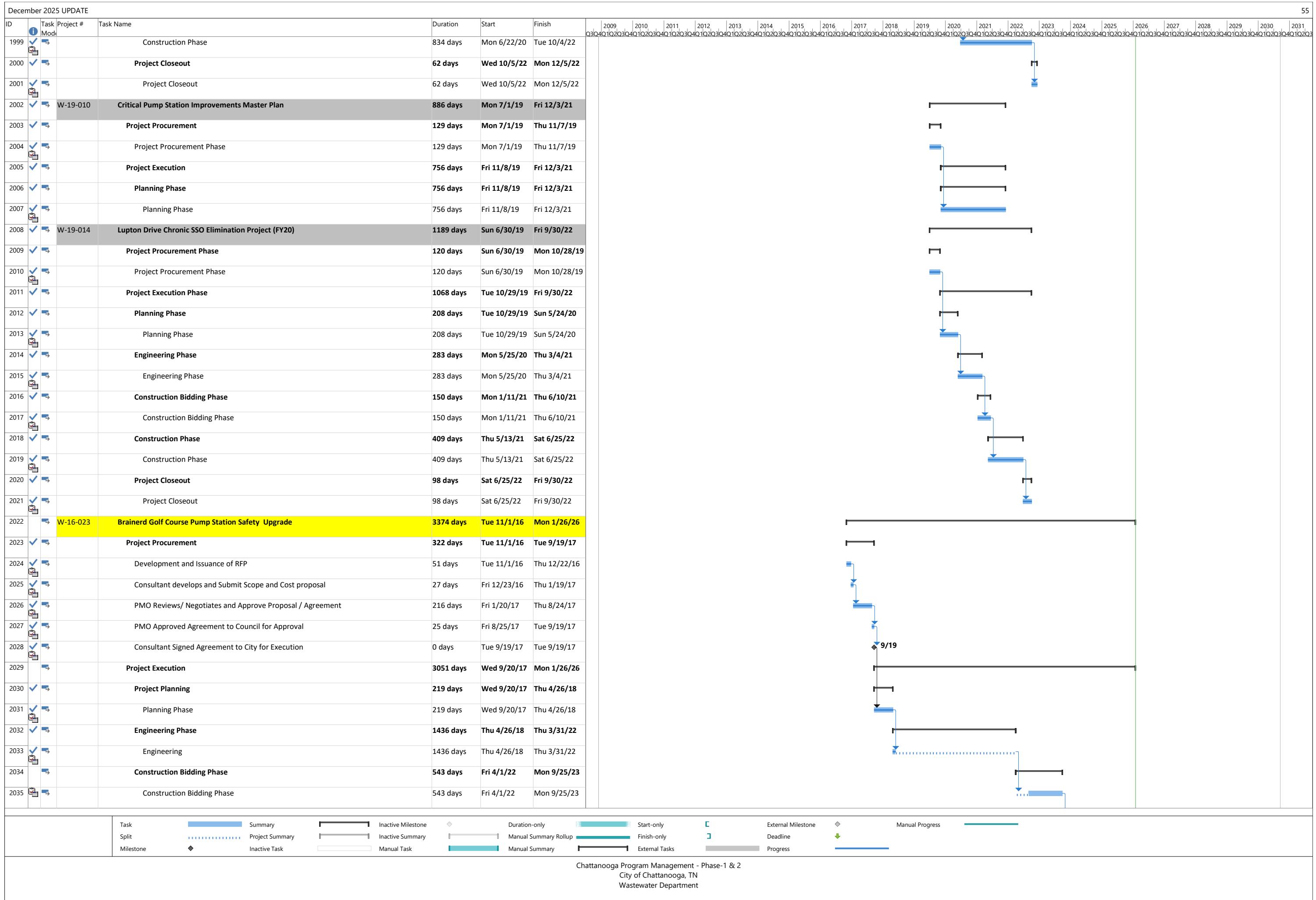


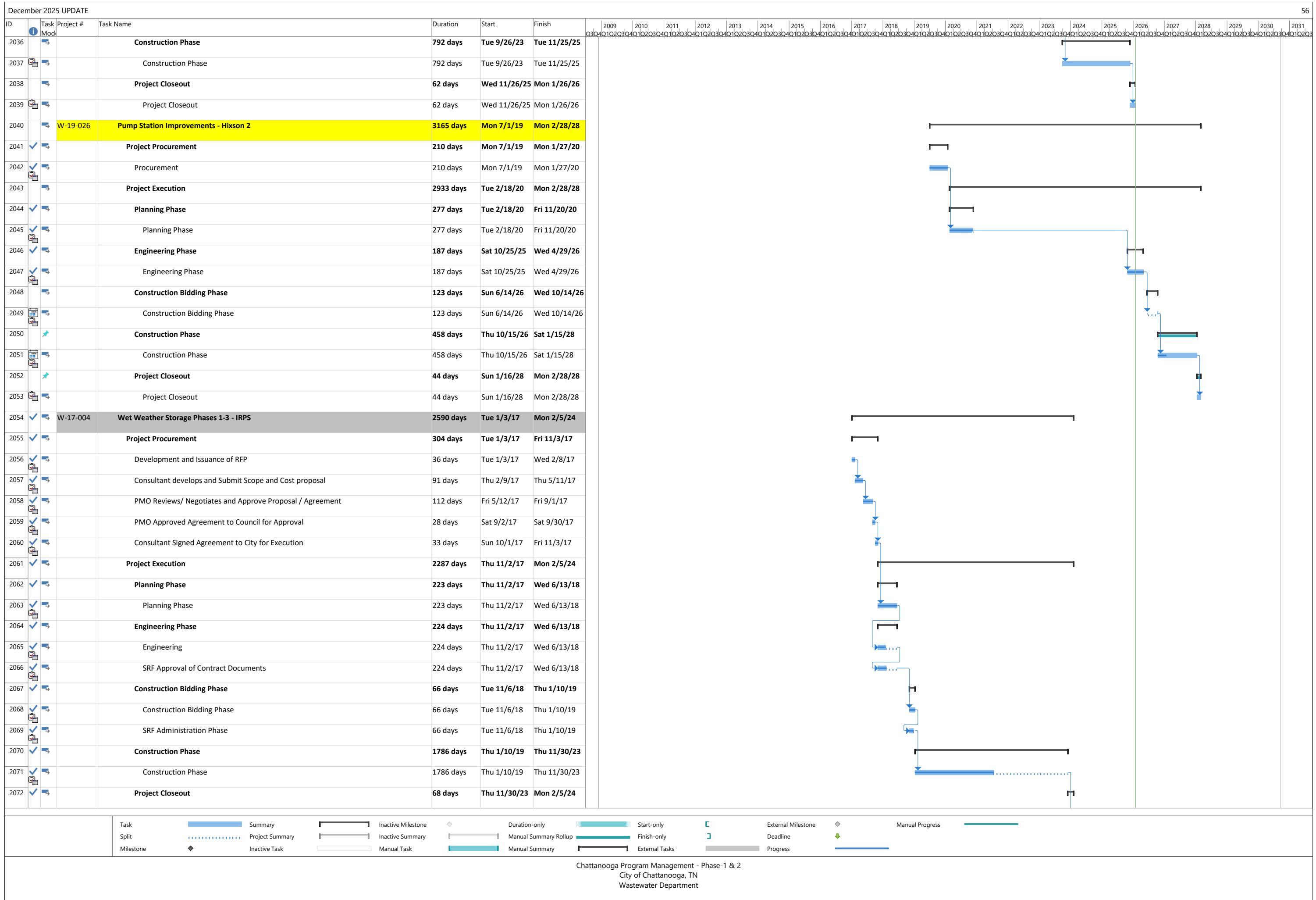


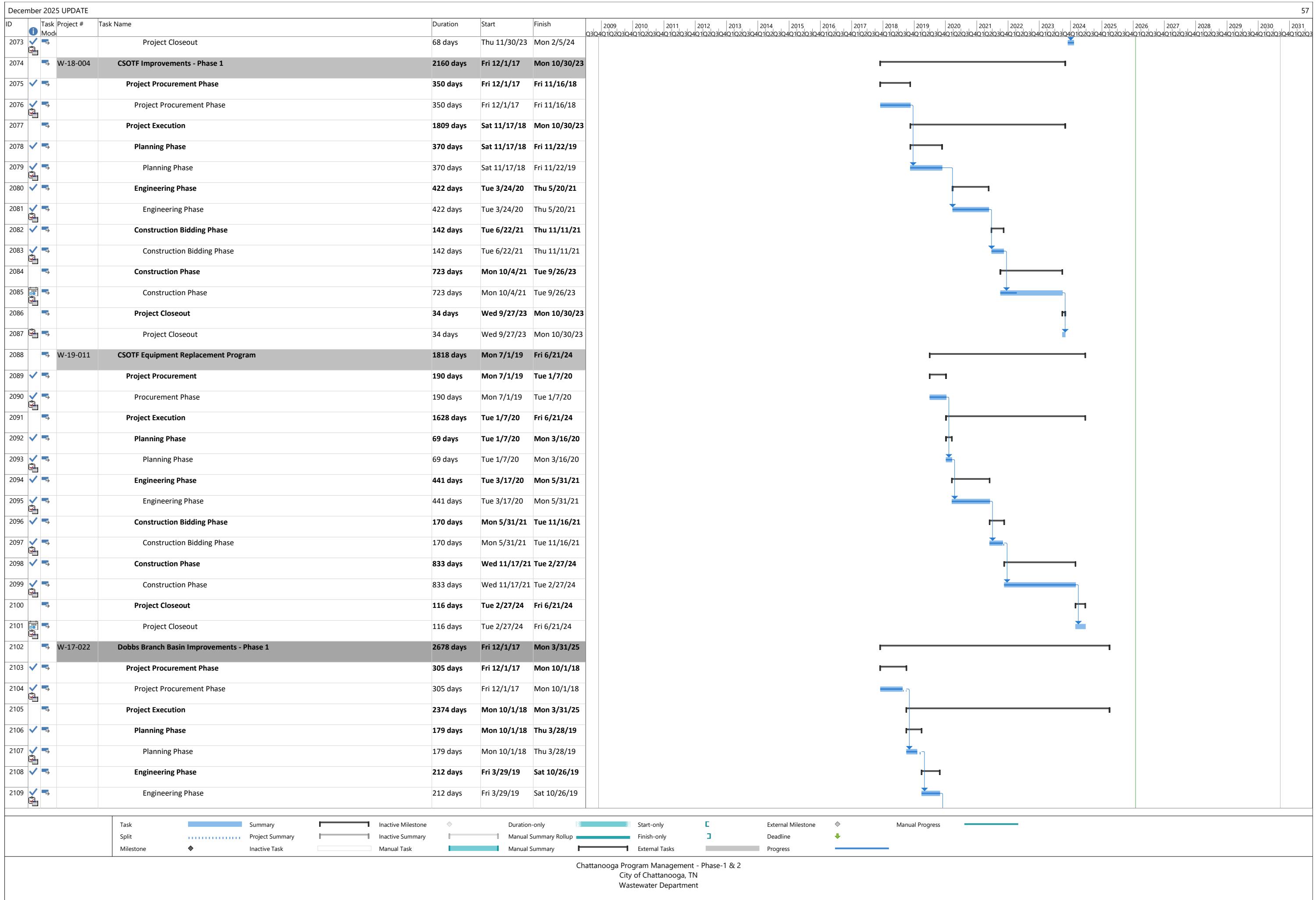
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1925	✓ ➔	W-16-013	Citico PS Reliability Improvements	1764 days	Fri 7/1/16	Fri 4/30/21
1926	✓ ➔		Project Procurement	145 days	Fri 7/1/16	Wed 11/23/16
1927	✓ ➔		Development and Issuance of RFP	21 days	Fri 7/1/16	Fri 7/22/16
1928	✓ ➔		Consultant develops and Submit Scope and Cost proposal	27 days	Sat 7/23/16	Fri 8/19/16
1929	✓ ➔		PMO Reviews/ Negotiates and Approve Proposal / Agreement	7 days	Sat 8/20/16	Sat 8/27/16
1930	✓ ➔		PMO Approved Agreement to Council for Approval	30 days	Sun 8/28/16	Tue 9/27/16
1931	✓ ➔		Consultant Signed Agreement to City for Execution	57 days	Tue 9/27/16	Wed 11/23/16
1932	✓ ➔		Project Execution	1631 days	Fri 11/11/16	Fri 4/30/21
1933	✓ ➔		Planning Phase	98 days	Fri 11/11/16	Fri 2/17/17
1934	✓ ➔		Planning Phase	98 days	Fri 11/11/16	Fri 2/17/17
1935	✓ ➔		Engineering Phase	119 days	Mon 1/16/17	Mon 5/15/17
1936	✓ ➔		Pump Station	119 days	Mon 1/16/17	Mon 5/15/17
1937	✓ ➔		Engineering Phase- Pump Station	119 days	Mon 1/16/17	Mon 5/15/17
1938	✓ ➔		Force Main	119 days	Mon 1/16/17	Mon 5/15/17
1939	✓ ➔		Engineering Phase- Force Main	119 days	Mon 1/16/17	Mon 5/15/17
1940	✓ ➔		Construction Bidding Phase	107 days	Tue 5/16/17	Thu 8/31/17
1941	✓ ➔		Pump Station	107 days	Tue 5/16/17	Thu 8/31/17
1942	✓ ➔		Construction Bidding Phase- Pump Station	107 days	Tue 5/16/17	Thu 8/31/17
1943	✓ ➔		Force Main	107 days	Tue 5/16/17	Thu 8/31/17
1944	✓ ➔		Construction Bidding Phase- Force Main	107 days	Tue 5/16/17	Thu 8/31/17
1945	✓ ➔		Construction Phase	1337 days	Fri 9/1/17	Fri 4/30/21
1946	✓ ➔		Pump Station	1232 days	Fri 9/1/17	Fri 1/15/21
1947	✓ ➔		Construction Phase- Pump Station	1232 days	Fri 9/1/17	Fri 1/15/21
1948	✓ ➔		Force Main	760 days	Mon 4/1/19	Fri 4/30/21
1949	✓ ➔		Construction Phase- Force Main	760 days	Mon 4/1/19	Fri 4/30/21
1950	✓ ➔		Project Completion	0 days	Fri 4/30/21	Fri 4/30/21
1951	✓ ➔		Project Completion	0 days	Fri 4/30/21	Fri 4/30/21
1952	✓ ➔	W-14-006	MBWWTP Secondary Clarifier Upgrades and Additions	3045 days	Mon 8/4/14	Sun 12/4/22
1953	✓ ➔		Consent Decree Duration (60 Months)	0 days	Mon 8/4/14	Mon 8/4/14
1954	✓ ➔		Project Procurement	175 days	Mon 8/4/14	Mon 1/26/15
1955	✓ ➔		CD Prequalification Procurement (FY 2014 - 2015) - Development and Issuance of RFP	46 days	Mon 8/4/14	Fri 9/19/14
1956	✓ ➔		DuPont	18 days	Sat 9/20/14	Wed 10/8/14
1957	✓ ➔		PMO Reviews/ Negotiates and Approve Proposal / Agreement	27 days	Thu 10/9/14	Wed 11/5/14
1958	✓ ➔		PMO Approved Agreement to Council for Approval	14 days	Thu 11/6/14	Thu 11/20/14
1959	✓ ➔		Consultant Signed Agreement to City for Execution	66 days	Fri 11/21/14	Mon 1/26/15
1960	✓ ➔		Project Execution	2853 days	Thu 2/12/15	Sun 12/4/22
1961	✓ ➔		Planning Phase	341 days	Thu 2/12/15	Mon 1/18/16

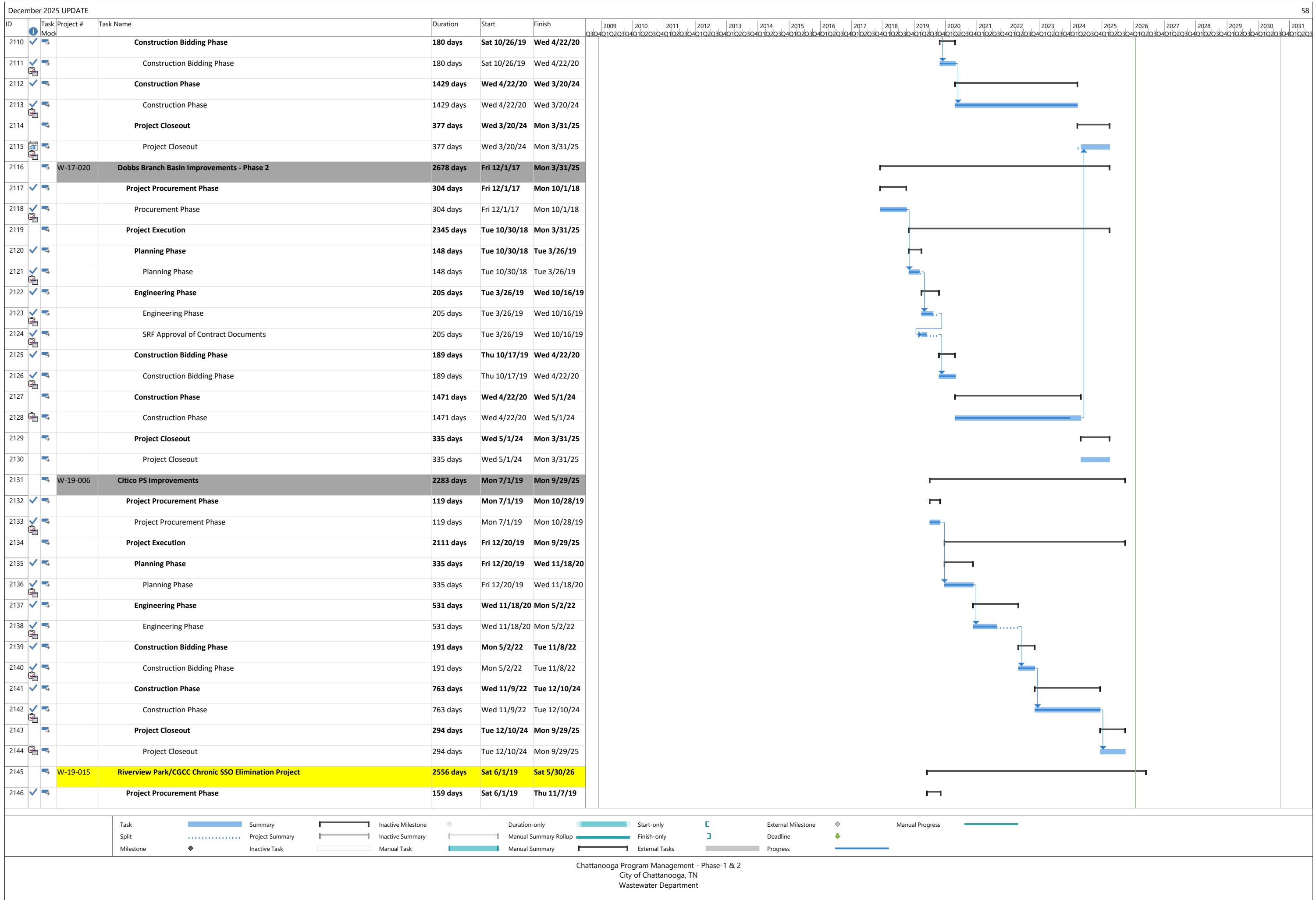


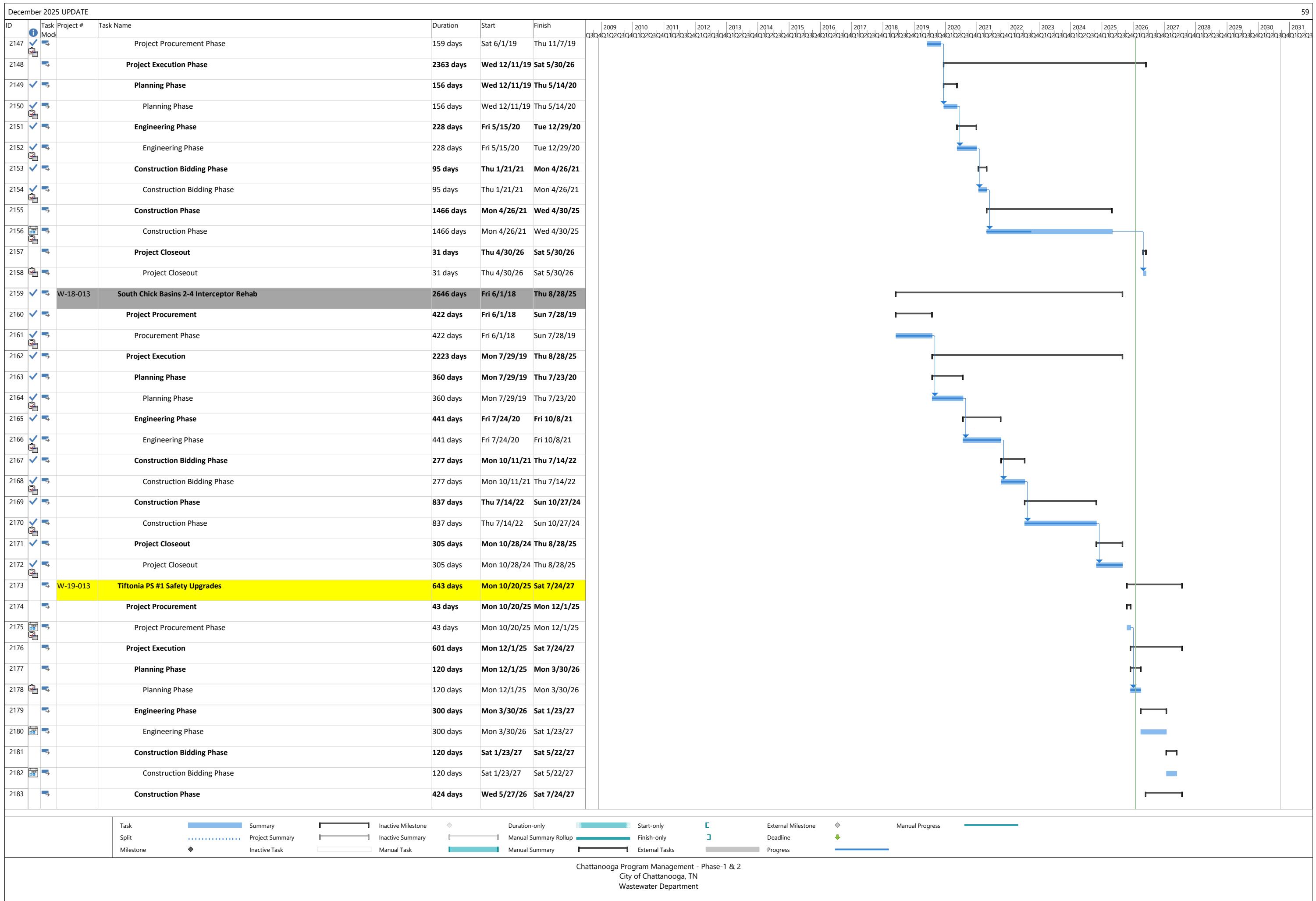


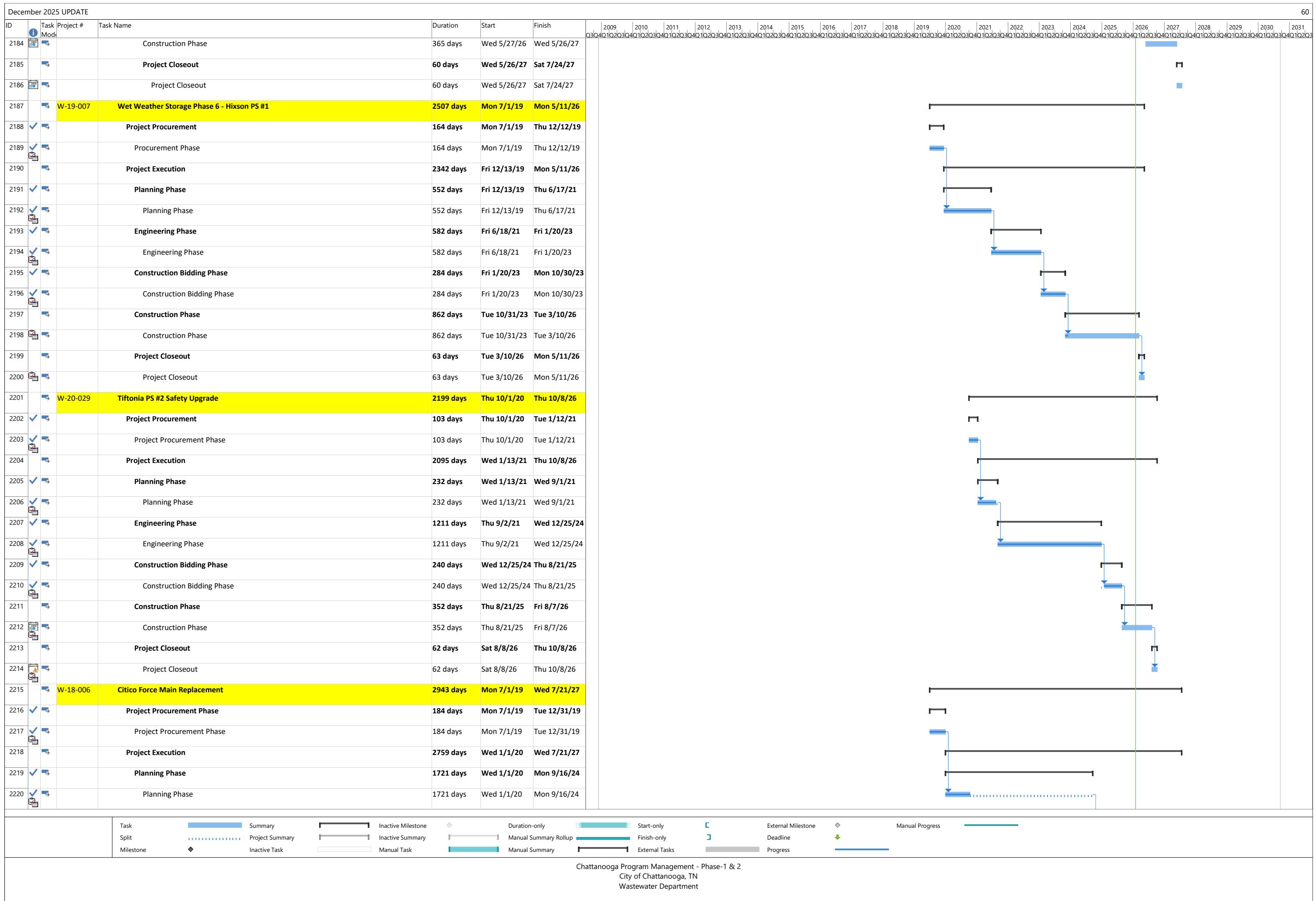




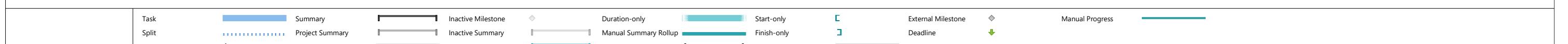
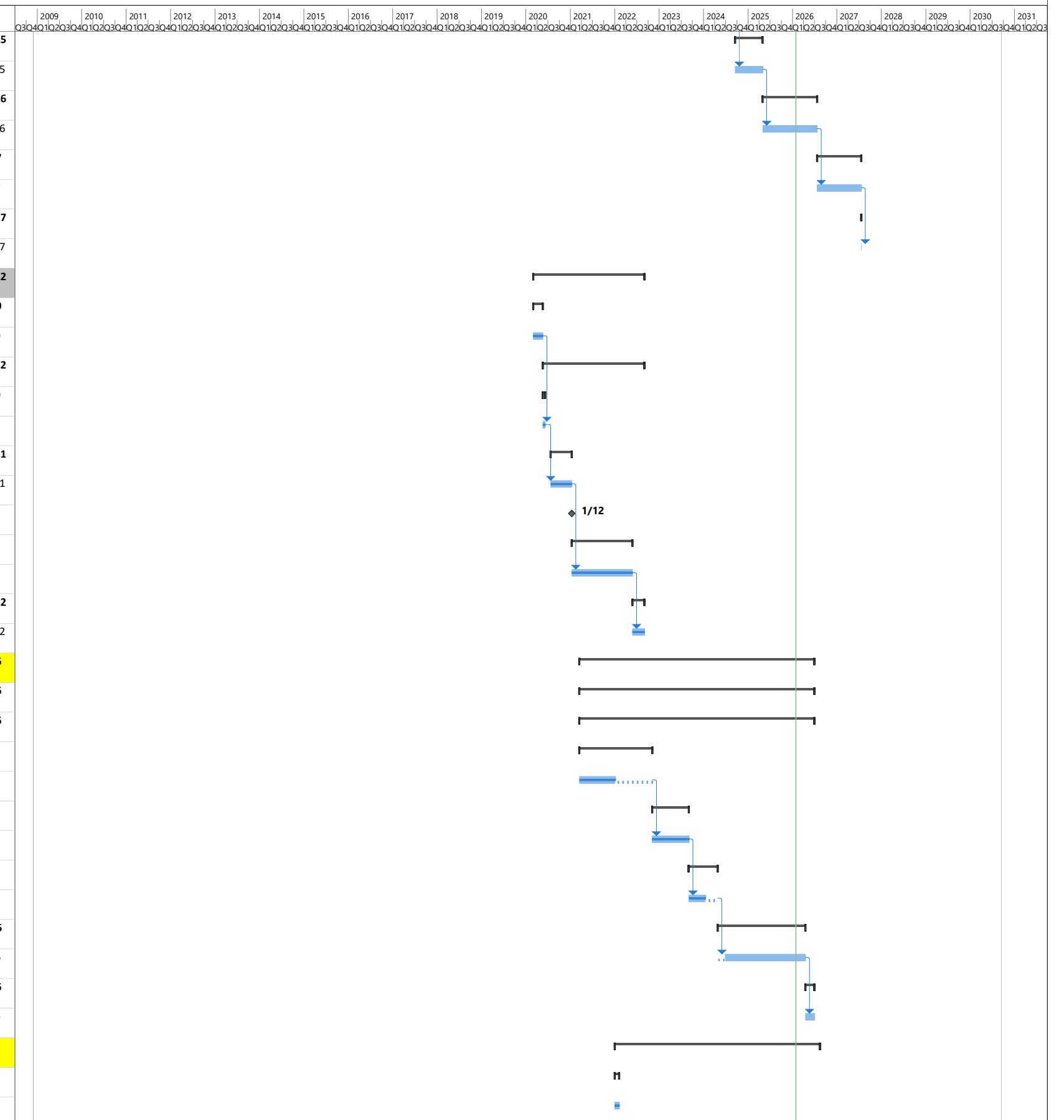


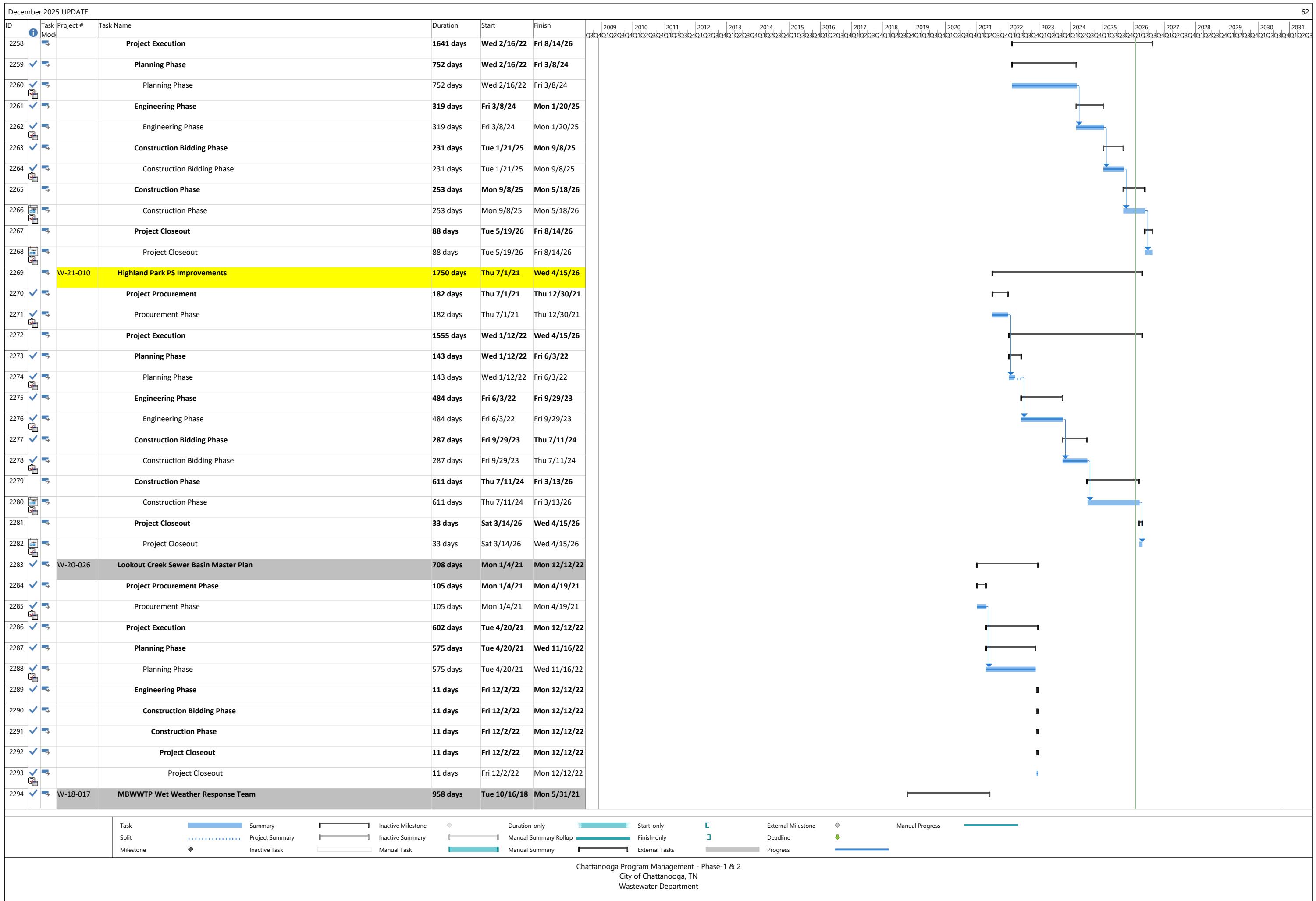


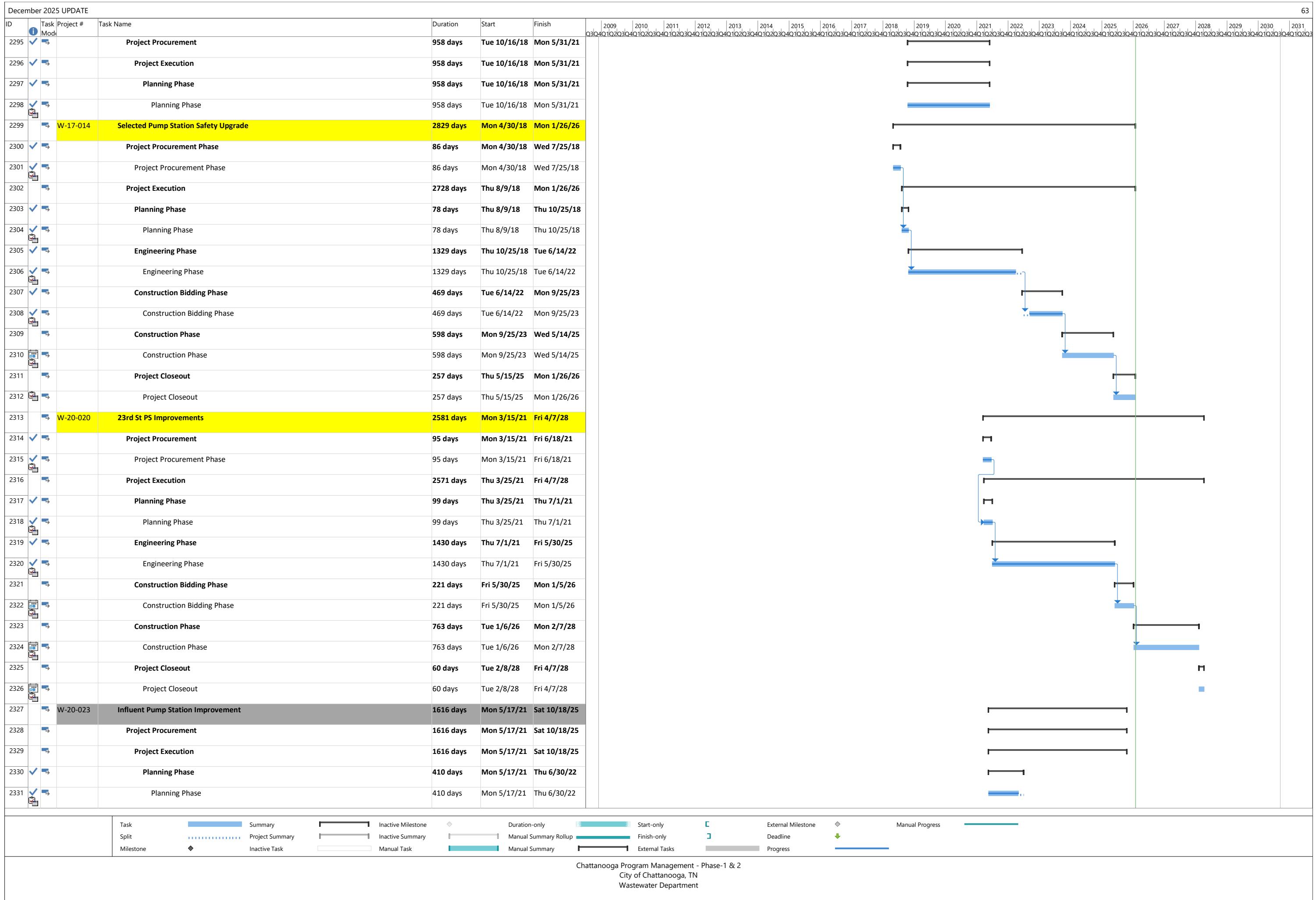


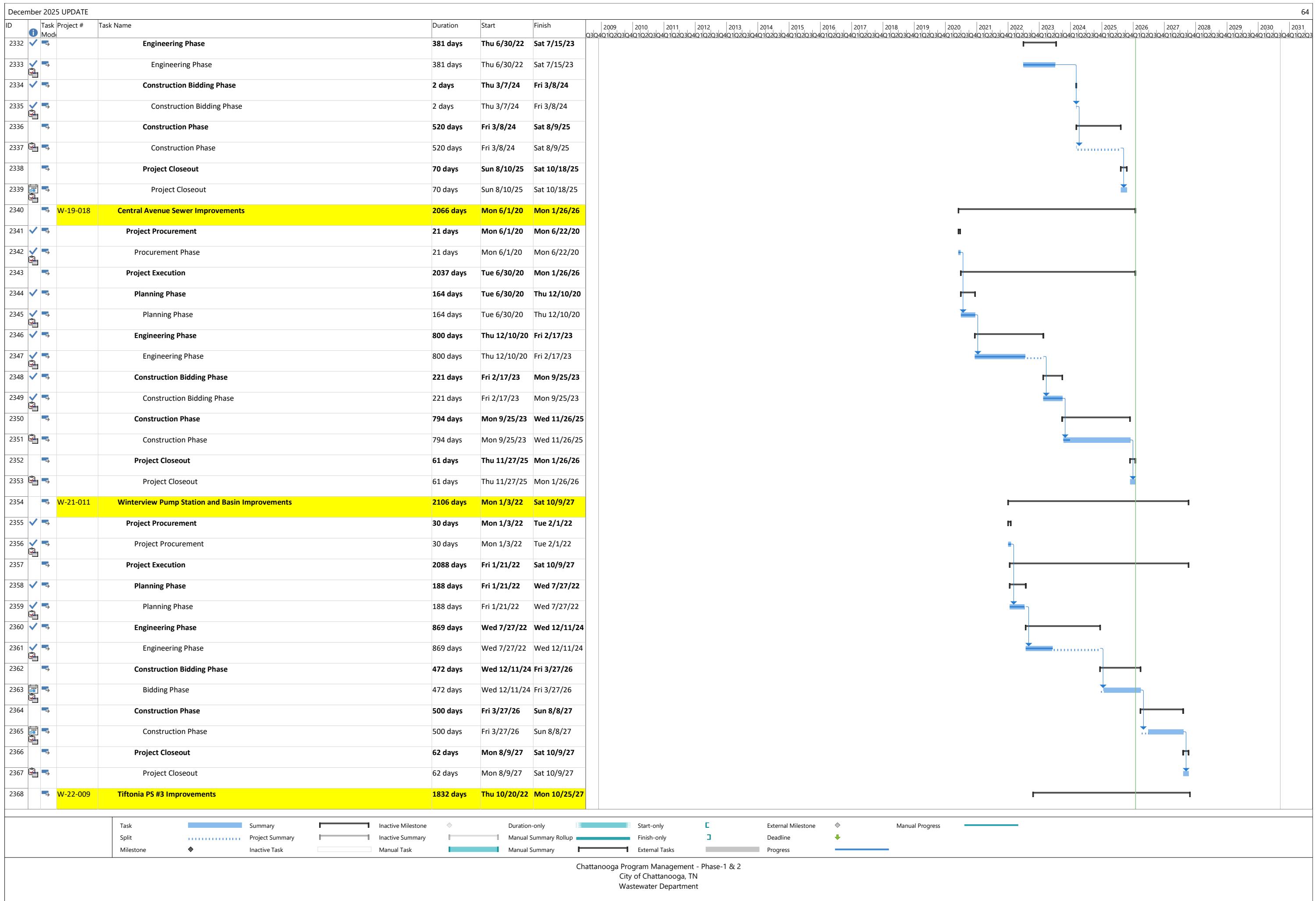


ID	Task Mode	Project #	Task Name	Duration	Start	Finish
2221			Engineering Phase	227 days	Mon 9/16/24	Wed 4/30/25
2222			Engineering Phase	227 days	Mon 9/16/24	Wed 4/30/25
2223			Construction Bidding Phase	448 days	Thu 5/1/25	Wed 7/22/25
2224			Construction Bidding Phase	448 days	Thu 5/1/25	Wed 7/22/25
2225			Construction Phase	363 days	Thu 7/23/26	Tue 7/20/27
2226			Construction Phase	363 days	Thu 7/23/26	Tue 7/20/27
2227			Project Closeout	1 day	Wed 7/21/27	Wed 7/21/27
2228			Project Closeout	1 day	Wed 7/21/27	Wed 7/21/27
2229			Mountain Creek PS Improvements	914 days	Sun 3/1/20	Wed 8/31/20
2230			Project Procurement	79 days	Sun 3/1/20	Tue 5/19/20
2231			Project Procurement Phase	79 days	Sun 3/1/20	Tue 5/19/20
2232			Project Execution	835 days	Tue 5/19/20	Wed 8/31/20
2233			Planning Phase	20 days	Tue 5/19/20	Mon 6/8/20
2234			Planning Phase	20 days	Tue 5/19/20	Mon 6/8/20
2235			Engineering Phase	172 days	Thu 7/23/20	Mon 1/11/21
2236			Engineering Phase	172 days	Thu 7/23/20	Mon 1/11/21
2237			Construction Bidding Phase	0 days	Tue 1/12/21	Tue 1/12/21
2238			Construction Phase	500 days	Tue 1/12/21	Fri 5/27/22
2239			Construction Phase	500 days	Tue 1/12/21	Fri 5/27/22
2240			Project Closeout	97 days	Fri 5/27/22	Wed 8/31/22
2241			Project Closeout	97 days	Fri 5/27/22	Wed 8/31/22
2242			Big Ridge PS #5 Improvements	1933 days	Tue 3/16/21	Tue 6/30/26
2243			Project Procurement	1933 days	Tue 3/16/21	Tue 6/30/26
2244			Project Execution	1933 days	Tue 3/16/21	Tue 6/30/26
2245			Planning Phase	600 days	Tue 3/16/21	Sat 11/5/22
2246			Planning Phase	600 days	Tue 3/16/21	Sat 11/5/22
2247			Engineering Phase	301 days	Sat 11/5/22	Fri 9/1/23
2248			Engineering Phase	301 days	Sat 11/5/22	Fri 9/1/23
2249			Construction Bidding Phase	239 days	Fri 9/1/23	Fri 4/26/24
2250			Construction Bidding Phase	239 days	Fri 9/1/23	Fri 4/26/24
2251			Construction Phase	720 days	Sat 4/27/24	Thu 4/16/26
2252			Construction Phase	720 days	Sat 4/27/24	Thu 4/16/26
2253			Project Closeout	75 days	Fri 4/17/26	Tue 6/30/26
2254			Project Closeout	75 days	Fri 4/17/26	Tue 6/30/26
2255			Big Ridge PS #2 Improvements	1687 days	Sat 1/1/22	Fri 8/14/26
2256			Project Procurement	36 days	Sat 1/1/22	Sun 2/6/22
2257			Project Procurement Phase	36 days	Sat 1/1/22	Sun 2/6/22









December 2025 UPDATE										65																			
ID	Task	Project #	Task Name	Duration	Start	Finish	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031
2369	✓		Planning Phase	152 days	Thu 10/20/22	Mon 3/20/23																							
2370	✓		Planning Phase	152 days	Thu 10/20/22	Mon 3/20/23																							
2371	✓		Engineering Phase	568 days	Mon 3/20/23	Mon 10/7/24																							
2372	✓		Engineering Phase	568 days	Mon 3/20/23	Mon 10/7/24																							
2373			Construction Bidding Phase	612 days	Mon 10/7/24	Wed 6/10/26																							
2374			Bidding Phase	612 days	Mon 10/7/24	Wed 6/10/26																							
2375			Construction Phase	437 days	Wed 6/10/26	Fri 8/20/27																							
2376			Construction Phase	437 days	Wed 6/10/26	Fri 8/20/27																							
2377			Project Closeout	67 days	Fri 8/20/27	Mon 10/25/27																							
2378			Project Closeout	67 days	Fri 8/20/27	Mon 10/25/27																							
2379		W-22-007	South Chick PS Improvements	2113 days	Sat 10/15/22	Thu 7/27/28																							
2380	✓		Procurement	25 days	Sat 10/15/22	Tue 11/8/22																							
2381	✓		Procurement	25 days	Sat 10/15/22	Tue 11/8/22																							
2382	✓		Project Planning	692 days	Wed 11/9/22	Mon 9/30/24																							
2383	✓		Planning Phase	692 days	Wed 11/9/22	Mon 9/30/24																							
2384			Design	593 days	Mon 9/30/24	Fri 5/15/26																							
2385			Design Phase	593 days	Mon 9/30/24	Fri 5/15/26																							
2386			Construction Bid	246 days	Fri 5/15/26	Fri 1/15/27																							
2387			Bidding Phase	246 days	Fri 5/15/26	Fri 1/15/27																							
2388			Construction	500 days	Sat 1/16/27	Mon 5/29/28																							
2389			Construction Phase	500 days	Sat 1/16/27	Mon 5/29/28																							
2390			Project Closeout	60 days	Mon 5/29/28	Thu 7/27/28																							
2391			Project Closeout	60 days	Mon 5/29/28	Thu 7/27/28																							

