CONTRACTOR'S SCHEDULE TOOLKIT(CST)

DEVELOPED FOR PRIMAVERA P6

VERSION NO. 2.0 (ISSUED: SEPTEMBER 13, 2023)

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1.0 INTRODUCTION

In an effort to assist the construction contracting community provide consistent and accurate schedule submissions, MassDOT Highway Division has created this tool kit for the contractors and MassDOT construction staff to use collectively. This tool kit contains:

- Guidelines for schedule development, including
  - Massachusetts Holidays
  - Specific work restrictions
  - Possible Work Restrictions and/or Impacting Events to consider
- Schedule templates for Primavera or "shell projects" (.xer), including
  - Design-Bid-Build Delivery Method
  - Design-Build Delivery Method
- Discussion and Guidance regarding Time Entitlement Analysis (TEA) Requirements
- Discussion and Guidance regarding Schedule submission Narratives
- Discussion and Guidance regarding Short-term Construction Schedules
- Discussion and Guidance regarding Project Spending Report (PSR)
- Discussion and Guidance on Proposal Schedule submissions
- Discussion and Guidance on Recovery Schedule submissions
- Primavera Schedule layouts files (.plf)
- Example Primavera schedule reports
- Suggested Guideline: Assigning Baseline
- Suggested Guideline: Cost & Resource Loading

This guideline and tools were developed to aid the contractor in developing schedule submissions that conform to the specifications, as well as the needs of the MassDOT Highway Division. It remains the contractor's responsibility to ensure that their schedule submittal correctly meets the requirements of specification subsection 8.02 and Section 722, this includes properly identifying the full scope of work and accurately reflecting the Contractor's planned sequence of work, and means and methods for managing the project in the performance of the work.

The specification subsection 8.02 and Section 722 contains further detailed information about the scheduling requirements.

1.1 BUSINESS NEED

Each project/construction contract team is expected to adhere to the accountability and transparency required for all public transportation agencies. One of the ways determined to deliver these goals is through schedule control and industry accepted practices, from start of the contract through construction and Project Close-out.

Each project/construction contract shall have a detailed construction schedule that will be developed and maintained through the life of the project. This will allow MassDOT to manage its resources, coordinate with stakeholders, provide regular reports to the public, and manage impacts to travelers and commerce

1.2 DISCLAIMER

One of the primary objectives of the Contractor Schedule Toolkit (CST) is to assist contractors when creating a baseline schedule submission, monthly progress reporting, as well as other schedule related submissions; primarily eliminating a need to create standardized coding, reporting, formatting and to assist in the general schedule set up only. The activity coding listed in this toolkit is based on current MassDOT Highway Division specifications and requirements.

The CST is being provided as a guideline and is available for use as a schedule development tool/resource. The CST may not reflect specific contract requirements. MassDOT makes no representations or warranties of any kind,

express or implied, about the accuracy, reliability, or completeness with respect to the CST or any of the information, services, or related content contained therein for any purpose.

MassDOT assumes no liability or responsibility for any damages (whether incurred directly or indirectly) or loss of any kind that might arise from the use of, misuse of, or the inability to use the information contained in the CST. MassDOT assumes no liability for improper or incorrect use of the CST. In choosing to use this CST, the Contractor expressly agrees that it will not submit any claims as a result of the information furnished herein, or use any of this information in the defense of any claim that the Contractor may choose to submit over the course of any MassDOT Contract.

MassDOT reserves the right to update, remove, or amend any of the information contained in this CST as needed without prior notice. For updates, please refer to the DOT website.

2.0 DESIGN-BID-BUILD SCHEDULE TEMPLATE COMPONENTS

2.1 SCHEDULE FILE

This schedule template was created in Primavera P6 release 20.0 and was designed in an effort to aid the contractor in generating a schedule that will meet the contract specifications for a project procured using the Design-Bid-Build delivery method. The template includes standard resource ids, cost accounts, project and activity codes, WBS organization, work calendars, and standard layouts.

In order to use the template the contractor will need to save the .xer file to the scheduler's local drive, open Primavera and import the file.

2.2 PRIMAVERA SCHEDULE SETTINGS

The template has been developed using the following schedule calculation settings.

Scheduling Method = Retained Logic
This is the normal method for predicting status with out-of-sequence progress.

Schedule Method = Contiguous Activities
This is also the standard setting in Primavera and is intended for use on non-interruptible activities.

Total Float Calculations = Uses finish dates to calculate Total Float
Standardizing this setting across all MassDOT Highway projects will provide consistency to reporting.

2.3 CALENDARS

Calendars allow you to specify the working days and working hours available in a day. It is also possible to define holidays, work shutdowns, work restrictions and specific working/non-working days of the project. You can configure an unlimited number of calendars according to different work models.

Calendars Provided

Work calendars should adhere to the contract specifications. The provided template has been developed with several calendars that comply with the specifications and correctly describe the work restrictions.

Please ensure that each activity in the schedule is assigned to a calendar that is appropriate for the work type.

Calendars must be maintained at the Project Level.

Please note: In order for the calendars to be included in the attached Primavera .XER file, several activities were added as a placeholders (see below) and coded to a calendar. Once the calendars have been populated in the Contractor's version of Primavera, the activities listed below can be deleted from the schedule.

Placeholder	
ContractNo_CAL04	Cal04-7D/8Hr, No Hol (milestones)
ContractNo_CAL03	Cal03-7D/8Hr, 12 Hol
ContractNo_CAL08	Cal08-7D/8Hr, 12 Hol - Mjr Rdwy
ContractNo_CAL16	Cal16-Water Access 2, 5D/12Hol (Fish Migration)
ContractNo_CAL03A	Cal03A-7d/8hr/No Holidays
ContractNo_CAL02	Cal02-6D/8Hr, 12 Hol
ContractNo_CAL07	Cal07-6D/8Hr, 12 Hol - Mjr Rdwy
ContractNo_CAL01	Cal01-5D/8Hr, 12 Hol
ContractNo_C&RP	Cost & Resource Placeholder
ContractNo_CAL06	Cal06-5D/8Hr, 12 Hol - Mjr Rdwy
ContractNo_CAL10	Cal10-Winter Ineff, 5D/12 Hol
ContractNo_CAL05	Cal05-MBTA Night No Hol
ContractNo_CAL11	Cal11-Winter Shut 5D/8Hr, 12Hol
ContractNo_CAL14	Cal14-Planting, 5D/12Hol - Deciduous
ContractNo_CAL12	Cal12-Paving, 5D/12 Hol
ContractNo_CAL17	Cal17 - Reclaimation - 5d/12hol
ContractNo_CAL13	Cal13-Planting, 5D/12Hol - Evergreen
ContractNo_CAL15	Cal15-Water Access1, 5D/12Hol (Low Flow)

Holidays

The calendars that indicate "12 Hol" in the title include the 12 Massachusetts legal holidays, populated through the year 2040. These holidays are:

Holiday
New Year's Day – January First**
Martin Luther King, Jr. Day – Third Monday in January
Washington's Birthday – Third Monday in February
Patriots' Day – Third Monday in April
Memorial Day – Last Monday in May
Juneteenth Independence Day – June 19th**
Independence Day – July 4th**
Labor Day – First Monday in September
Columbus Day – Second Monday in October
Veterans' Day – November 11th**
Thanksgiving Day – fourth Thursday in November
Christmas Day – December 25th**

** If the Holiday falls on a Sunday, it will be observed on the following Monday, however, if the Holiday falls on a Saturday, it will be observed on Saturday.

Calendar Descriptions

- Calendar 1, 2 & 3 are the typical 5, 6 or 7 daytime work schedules with holidays.
- Calendar 3A – 7d/8hr/No Holidays - is used for typical calendar-day dependent activities like Review and Approval of submissions by MassDOT.

- Calendar 4 is a 7d/24hr/No Holidays schedule that has no time restrictions, and is used for Milestones and Access Restraints, and also non-work time-dependent activities like curing of concrete.
- Calendar 5 is specifically for MBTA associated work at night
- Calendar Descriptions with "***Mjr Rdwy***" (Calendars 6, 7 & 8) include the additional extended holiday work restrictions on Major Roadways leading up to or following Holiday weekends such as the Wednesday prior to Thanksgiving.
- Calendar 10 – Winter Ineff, 5d/12 Hol, is a calendar that simulates an inefficiency during the period of December 15th through March 15th. This calendar should only be used on activities that could be performed during the winter months, however, may be impacted by cold or snow weather events.
- Calendar 11 – Winter Shut 5D/12Hol, is a calendar used for activities that cannot be performed between December 1 and March 15.
- Calendar 12 – Paving 5d/12Hol, is a calendar that restricts work between November 15th and March 30th, when asphalt plants are typically off-line.
- The CST includes two "Planting" calendars (Calendars 13 & 14), one for Deciduous plantings, and one for Evergreen plantings.
- Calendar 15 & 16 are water access calendars for in-water related activities. Calendar 15 provides water access from June 1st to Sep 30th, and Calendar 16 restricts water access from April 15th to July 15th, and September 15th to October 31st due to fish migration. These calendars may need to be adjusted per each contracts specified in-water access restrictions.
- Calendar 17 – Reclaimation – 5d/12hol, is a calendar that restricts Reclaim work between October 15th and April 15th.

Shift Work

If the Contractor intends to perform work outside the daytime work schedule (setup currently as 8am-4pm), Calendars should be modified and/or added to reflect the actual work periods, and any modifications or additions detailed in the Baseline Schedule Narrative, or subsequent Progress Update Narrative that the Calendar modifications occur.

2.4 MILESTONES

Project Milestones

The milestones listed below should adhere to the following MassDOT Highway naming convention. These milestones have been created within the template.

Milestone Identifier	Milestone Activity Description	Example
ContractNo_NTP	Notice to Proceed	NTP – Notice to Proceed
ContractNo_AR01	Access restraint for start of a specific scope of work or geographic area of work	AR01 – Access Restraint #1 (Aerial Utilities) or AR02 – Access Restraint #2 (In Bridge Utilities)
ContractNo_MS04	Final Traffic Move	MS04 – Final Traffic Move
ContractNo_MS03	Full Beneficial Use	MS03 – Full Beneficial Use
ContractNo_MS02	Substantial Completion	MS02 – Substantial Completion
ContractNo_MS01	Contractor Field Completion	MS01 – Contractor Field Completion
ContractNo_MSXX	Other Interim Milestones as defined by Section 8.03	MSXX – Phase 2 Completion

There should be no successor activities to the Contractor Field Completion Milestone. If the contract provides contractual completion dates for each, then the activities should be assigned a "finish on or before" constraint of the contractual date.

Milestone Definitions

- **Full Beneficial Use** – All of the contract work has been completed and opened for full multi-modal transportation use, except for minor incomplete or unsatisfactory work items that do not materially impair or hinder the intended public use of the transportation facility. All lane taking has been completed, except for resolution of minor incomplete or unsatisfactory work items.

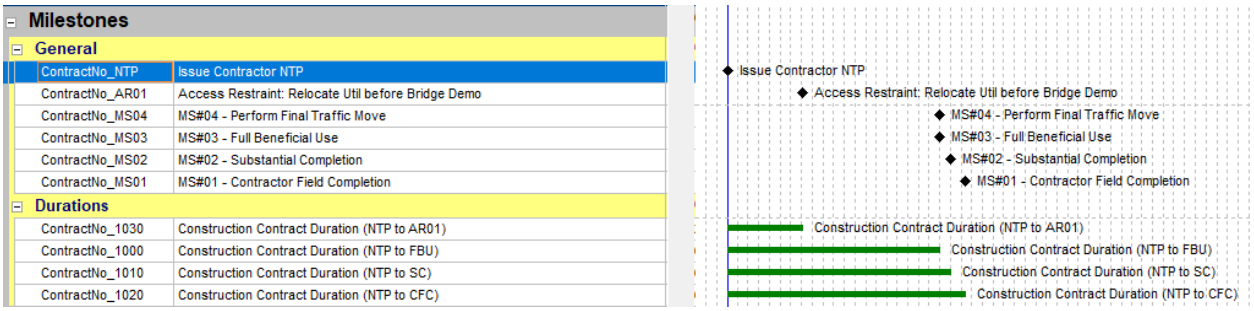
- **Substantial Completion** – A walkthrough of the entire contract work has been performed, and the work required by the contract has been completed except for work having a contract price of less than one per cent of the then adjusted total contract price. All Material Certifications have been received and approved. Within fifteen days after the effective date of the declaration of substantial completion, MassDOT shall send to the contractor by certified mail, return receipt requested, a complete list of all incomplete or unsatisfactory work items.

- **Contractor Field Completion** – All physical contract work is complete; including resolution of all minor incomplete or unsatisfactory work items. Contractor has fully de-mobilized from field operations.

2.5 ACTIVITY SETTINGS

Contract Time Summary (Level of Effort)

These activities give managers a quick place to see if they are ahead or behind schedule. The "level of effort" activities should be logically tied to NTP (start-to-start) and Completion Milestones (finish-to-finish) and have a calendar-day calendar applied to it. The intent is to represent the entire duration to each Milestone. The activity ID and name should not be changed.



Milestones	
General	
ContractNo_NTP	Issue Contractor NTP
ContractNo_AR01	Access Restraint: Relocate Util before Bridge Demo
ContractNo_MS04	MS#04 - Perform Final Traffic Move
ContractNo_MS03	MS#03 - Full Beneficial Use
ContractNo_MS02	MS#02 - Substantial Completion
ContractNo_MS01	MS#01 - Contractor Field Completion
Durations	
ContractNo_1030	Construction Contract Duration (NTP to AR01)
ContractNo_1000	Construction Contract Duration (NTP to FBU)
ContractNo_1010	Construction Contract Duration (NTP to SC)
ContractNo_1020	Construction Contract Duration (NTP to CFC)

Activity Codes

Listed in ***Attachment A*** are the suggested activity code fields. Each activity in the schedule shall be coded to each of activity codes.

The activity codes must be maintained at the Project Level.

Additional activity codes may be added and utilized at the Department's discretion to be discussed and defined during the Contractor's development of the Baseline schedule..

WBS Structure

The WBS structure shown below was created within the project to allow for additional means to organize the project schedule. Additional WBS detail may be added and utilized at the contractor's discretion, however, the format should be adhered to as closely as possible.

WBS Code	WBS Name
CSTv2.0	CSTv2.0
CSTv2.0.Mil	Milestones
CSTv2.0.Mil.Gene	General
CSTv2.0.Mil.Dura	Durations
CSTv2.0.Wid	Project Wide
CSTv2.0.Pre	Preconstruction
CSTv2.0.Pre.Prm	Permitting
CSTv2.0.Pre.Pro	Submittals & Procurements
CSTv2.0.Pre.Pro.8.01	Subsection 8.01: Subcontractor Approvals
CSTv2.0.Pre.Pro.8.01.SitePro	Licensed Site Professional
CSTv2.0.Pre.Pro.8.01.StrucClean	Structure Cleaning Subcontractor
CSTv2.0.Pre.Pro.8.01.Elec	Electrical Subcontractor
CSTv2.0.Pre.Pro.8.01.BrdDemo	Bridge Demolition Subcontractor
CSTv2.0.Pre.Pro.100	Item 100: Schedule of Operations
CSTv2.0.Pre.Pro.114.1	Item 114.1: Demolition of Superstructure
CSTv2.0.Pre.Pro.119.5	Item 119.5: Construction Noise Control
CSTv2.0.Pre.Pro.149.2	Item 149.2: Public Outreach
CSTv2.0.Pre.Pro.180.01	Item 180.01: Environmental Health & Safety Program
CSTv2.0.Pre.Pro.220	Items 220.x: Drainage Structures
CSTv2.0.Pre.Pro.701.47	Item 701.47: Winter Concrete Plan
CSTv2.0.Pre.Pro.701.61	Item 701.61: Contractor Quality Control Plan
CSTv2.0.Pre.Pro.756	Item 756: Stormwater Water Protection Plan
CSTv2.0.Pre.Pro.850	Items 850.x: Traffic Control for Construction and Maint Opera
CSTv2.0.Pre.Pro.991.1	Item 991.1: Control of Water
CSTv2.0.Pre.Pro.995.01	Item 995.01: Bridge
CSTv2.0.Pre.Pro.995.01.SEP	Steel Erection Procedure
CSTv2.0.Pre.Pro.995.01.901	SubItem 901: 4000 PSI 1.5 in., 565 Cement Concrete
CSTv2.0.Pre.Pro.995.01.960.01	SubItem 960.01: Structural Steel - Coated Steel
CSTv2.0.Pre.Pro.995.01.975.1	SubItem 975.1: Metal Bridge Railing (3 Rail), Steel (Type S3-
CSTv2.0.Pre.Pro.995.01.PD	Precast Decks
CSTv2.0.Pre.Pro.TPD	Temporary Pavement Design
CSTv2.0.Uti	Utility
CSTv2.0.Uti.URP	Utility Relocation & Coordination Plan
CSTv2.0.Uti.Not	Utility Notifications & Meetings
CSTv2.0.Uti.Rel	Utility Relocation
CSTv2.0.Uti.Rel.1	Utility 1 PUC Tasks
CSTv2.0.Uti.Rel.2	Utility 2 PUC Tasks
CSTv2.0.Uti.Rel.3	Utility 3 PUC Tasks
CSTv2.0.Uti.Rel.4	Utility 4 PUC Tasks
CSTv2.0.Uti.SCONN	Utility Service Connections
CSTv2.0.Con	Construction
CSTv2.0.Con.Gene	General
CSTv2.0.Con.Mobi	Start-up
CSTv2.0.Con.Ph1	Stage 1
CSTv2.0.Con.Ph1.StpA	Step A
CSTv2.0.Con.Ph1.StpB	Step B
CSTv2.0.Con.Ph1.StpC	Step C
CSTv2.0.Con.Ph1.StpD	Step D
CSTv2.0.Con.Ph2	Stage 2
CSTv2.0.Con.Ph2.StpA	Step A
CSTv2.0.Con.Ph2.StpB	Step B
CSTv2.0.Con.Ph2.StpC	Step C
CSTv2.0.Con.Ph2.StpD	Step D
CSTv2.0.Con.Ph3	Stage 3
CSTv2.0.Con.Ph3.StpA	Step A
CSTv2.0.Con.Ph3.StpB	Step B
CSTv2.0.Con.Ph3.StpC	Step C
CSTv2.0.Con.Ph3.StpD	Step D
CSTv2.0.Con.Ph4	Stage 4
CSTv2.0.Con.Ph4.StpA	Step A
CSTv2.0.Con.Ph4.StpB	Step B
CSTv2.0.Con.Ph4.StpC	Step C
CSTv2.0.Con.Ph5	Stage 5
CSTv2.0.Con.Ph5.StpA	Step A
CSTv2.0.Con.Ph5.StpB	Step B
CSTv2.0.Con.Ph5.StpC	Step C
CSTv2.0.Con.Ph5.StpD	Step D
CSTv2.0.Clo	Close-Out
CSTv2.0.Pla	Placeholder
CSTv2.0.Deleted	Deleted Activities

Removing activities from the schedule

Once the Baseline Schedule has been accepted, activities should not be deleted from the contract schedule. Though the planned work may require changes to the schedule activities over the course of the project, if an existing activity is no longer required, it should remain in the logic, unless it causes an out-of-sequence error. The activity should be moved to the "Deleted Activities" WBS node, actualized as being started and completed as of the NTP Date, and "Deleted" added to the end of the activity description.

Method for determining Critical and Near-Critical Path(s)

Primavera P6 Advanced Tab Schedule Options provides ways to calculate multiple paths:

Calculate multiple paths using:

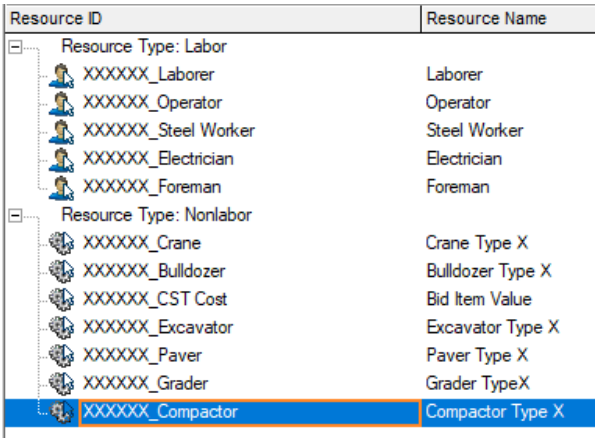
- ***Total Float*** - Choose this option to identify critical paths based on the total float of activity relationships. To calculate the most critical path, the module first determines which relationship has the most critical total float. Using this relationship as the starting point, the module determines which predecessor and successor activities have the most critical relationship total float, among all possible paths, until an activity is reached that does not have any relationships. The path that contains these activities is the most critical path.

- ***Free Float*** - Choose this option to define critical float paths based on longest path. The most critical path will be identical to the critical path that is derived when you choose to define critical activities as Longest Path in the General tab. In a multi-calendar project, the longest path is calculated by identifying the activities that have an early finish equal to the latest calculated early finish for the project and tracing all driving relationships for those activities back to the project start date. After the most critical path is identified, the module will calculate the remaining sub-critical paths.

2.6 COST & RESOURCE

If the schedule specification requires cost and resource loading, please refer to this section, as well as ***Attachment C***.

Each activity shall be cost and resource loaded as described in the specification. For ease of use and consistency between projects, MassDOT Highway has developed the Cost and Resources dictionary provided in the Primavera .XER file. Shown below are the Resource IDs, where the preceding "XXXXXX" should be replaced with the MassDOT Contract Number. This is to avoid any comingling of resources between contracts within the MassDOT P6 resource library.



Resource ID	Resource Name
Resource Type: Labor	
XXXXXX_Laborer	Laborer
XXXXXX_Operator	Operator
XXXXXX_Steel Worker	Steel Worker
XXXXXX_Electrician	Electrician
XXXXXX_Foreman	Foreman
Resource Type: Nonlabor	
XXXXXX_Crane	Crane Type X
XXXXXX_Bulldozer	Bulldozer Type X
XXXXXX_CST Cost	Bid Item Value
XXXXXX_Excavator	Excavator Type X
XXXXXX_Paver	Paver Type X
XXXXXX_Grader	Grader TypeX
XXXXXX_Compactor	Compactor Type X

COST:

In order to track the cost for each activity, each activity shall be assigned the appropriate bid items and dollar amount required to complete the work. This is done by assigning a Resource = 'CST Cost' and then a Cost Account equal to the appropriate Bid Item, then the budgeted cost can be assigned for each Bid Item.

Contractors are discouraged from using the "expenses" field.

The narrative should provide a summary of the cost loading with planned monthly and cumulative expenditures.

Please refer to Attachment E for a listing of the bid items that have been entered as Cost Accounts in Primavera.

RESOURCE: LABOR

In order to track the labor resources for each activity, each activity shall be assigned the appropriate number of manhours required to complete the activity. This is done by assigning a Resource = 'CST Labor' and selecting the appropriate type of labor, then the budgeted units can be assigned.

The narrative should provide a summary of the planned resource loading, by category of labor (carpenter, operator, steel worker, pile driver, etc) and over time. Please include a summary of planned manpower usage on a monthly basis.

RESOURCE: EQUIPMENT

In order to track the major equipment required for each activity, each activity shall be assigned the appropriate unit of equipment (crane, excavator, etc.) required to complete the activity. This is done by assigning a Resource = 'CST Equipment' and selecting the appropriate type of equipment, then the budgeted units can be assigned.

The narrative should provide a summary of the planned equipment usage loading, by category of equipment (ie: crane 1, excavator 3500, etc) and over time. Please include a summary of planned equipment usage on a monthly basis.

NOTES:

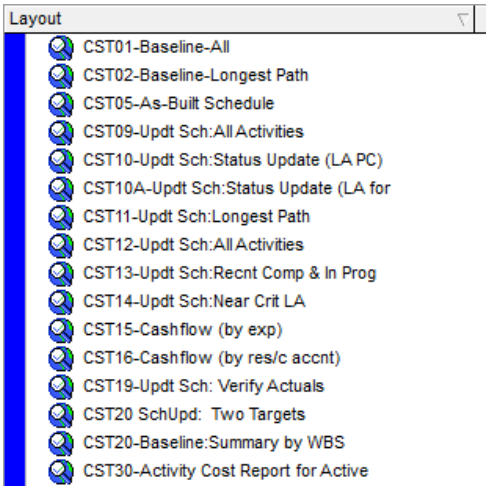
- Cost & Resources are maintained at the Global Level in Primavera P6.
- Primavera settings:
  - The 'duration type' for each activity should be set to "Fixed Duration and Units" before associating any cost or resources to the activity. This is not applicable to milestones, as they cannot be set to "fixed duration and units". The "duration type" field is found in: Activity View/General Tab.
  - Also, in the activity view, select Enterprise/Resource, then select the Resource item that is tracking Cost (in the Toolkit, the resource field for cost is "CST Cost"). Then select the 'Details' tab, then ensure the boxes for "Auto Compute Actuals" and "Calculate Costs from Units" are unchecked.
- Please refer to Attachment C for a suggested guideline of how to cost and resource load activities in *Primavera P6.*
- *Please note: In order for the cost accounts and resource codes to be included in the attached Primavera .XER file, one activity was added as a placeholder and coded to each cost account and resource code. Once the cost and resources codes have been populated in the Contractor's version of Primavera, this activity can be deleted.*

2.7 SCHEDULE LAYOUTS

Sample Layouts

Layouts have been prepared and are recommended for use with all schedule submissions. **The contractor is asked to prepare a PDF of each layout with each schedule submission, if applicable,** for use by the Resident Engineer.

They have been exported as .plf files and are available for import directly into Primavera.



Steps to import:

- Import the .XER file (Navigate to File/Import: as previously described in section 2.1 above)
- Select each Activity Codes and assign to "Make Global" (Navigate to Enterprise/Activity Codes)
- Import each Layout separately (Navigate to View/Layouts/Open/Import)
- Once imported, select the layout you wish to use (Navigate to View/Layouts/Open)

Layouts must be maintained at the Project Level.

2.8 NARRATIVE

As stated in Specification Section 722.62.A, each schedule submission shall be submitted with a detailed written narrative. The narrative is crucial to understanding the contractor's approach, progress to date, planned outlook, assumptions, etc., and should be written in a way that an audience that is not familiar with the project will understand the progress to date, and the plan going forward.

Topics to be discussed in ***Baseline Schedule*** Narrative:

- Detailed discussion on the general sequence of work
- Detailed description of the project's critical path
    - Identify/discuss near-critical activities (Total Float less than 20 days) with potential of changing critical path
- Grid of Milestones including Contractual and Forecast completion dates
- Discussion of Limitations of Operations, both Contractual and Contractor Means and Methods
    - What activities are planned during winter months, and which are not
    - Planned work schedules, including shifts, overtime, seasonal
    - Any environmental restrictions
    - Calendars used in the schedule should be detailed describing planned shift hours, non-work periods, holidays, etc.

    - Utility access, restrictions, and enabling requirement as defined in the PUC form as well as any concerns anticipated by the contractor.
- Detailed discussion on cost loading, cashflow, and resource utilization (manpower and equipment) if applicable
- Discussion of what work scope will be performed by the Prime Contractor, and what work scope will be performed by Subcontractors.
- Identify/discuss long lead procurement items
- Identify/discuss any fabrication and procurement need dates to meet schedule
- Identify/discuss of any potential Value Engineering proposals

Topics to be discussed in the monthly ***Progress Update Schedule*** Narrative:

- Detailed discussion regarding current sequence of work and any changes to sequence of work
    - Identification & Detailed Explanation of any changes to Schedule Logic
- Detailed discussion on the project's current critical path and any changes to the critical path
    - Identify/discuss near-critical activities (Total Float less than 20 days) with potential of changing critical path
- Grid of Milestones including Contractual and Forecast completion dates and any variances from prior reporting
- Discussion of Limitations of Operations:
    - Changes to Contractor's Means and Methods
    - Changes to planned work schedule, including shifts, overtime, seasonal
    - Any new or changed environmental restrictions
    - Any changes to Calendars used in the schedule should be detailed
    - Any revisions to Utility access and restrictions
    - Critical Submissions and/or RFI Responses
- Detailed discussion on planned versus actual progress and variances from prior reporting
- Detail the work forecast to be accomplished during the upcoming schedule update period
- Discuss any Extra Work and/or Change Orders that have been incorporated into the schedule since the previous reporting period
- Describe any 'Notices of Delay' formally submitted during the schedule update period
    - Detailed description of affects on the project's critical path due to the actual/perceived delay
- Detail any Utility Notifications that were issued during the schedule update period
- Detail any Utility Notifications planned to be issued in the upcoming schedule update period
- Detail critical responses from MassDOT required, including need dates, to maintain the submitted schedule
- Discuss any considerations that may improve schedule outcome

3.0 DESIGN-BUILD SCHEDULE TEMPLATE COMPONENTS

3.1 SCHEDULE FILE

This schedule template was created in Primavera P6 release 20.0 and was designed in an effort to aid the Design-Builder in generating a schedule that will meet the contract specifications for a project procured using the Design-Build delivery method. The template includes standard resource ids, cost accounts, project and activity codes, WBS organization, work calendars, and standard layouts.

In order to use the template the contractor will need to save the .xer file to the scheduler's local drive, open Primavera and import the file.

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The template has been developed using the following schedule calculation settings.

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Standardizing this setting across all MassDOT Highway projects will provide consistency to reporting.

3.3 CALENDARS

Calendars Provided

Work calendars should adhere to the contract specifications. The template has been developed with several calendars that comply with the specifications and correctly describe the work restrictions.

Please ensure that each activity in the schedule is assigned to a calendar that is appropriate for the work type.

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Please note: In order for the calendars to be included in the attached Primavera .XER file, several activities were added as a placeholders (see below) and coded to a calendar. Once the calendars have been populated in the Contractor's version of Primavera, the listed below activities can be delete from the schedule.

Placeholder	
ContractNo_CAL04	Cal04-7d/24hr, No Holidays (Milestones)
ContractNo_CAL03	Cal03-7D/8Hr, 12 Hol
ContractNo_CAL08	Cal08-7D/8Hr, 12 Hol - Mjr Rdwy
ContractNo_CAL03A	Cal03A-7d/8hr/No Holidays
ContractNo_CAL02	Cal02-6D/8Hr, 12 Hol
ContractNo_CAL07	Cal07-6D/8Hr, 12 Hol - Mjr Rdwy
ContractNo_CAL01	Cal01-5D/8Hr, 12 Hol
ContractNo_C&RP	Cost & Resource Placeholder
ContractNo_CAL06	Cal06-5D/8Hr, 12 Hol - Mjr Rdwy
ContractNo_CAL10	Cal10-Winter Ineff, 5D/12 Hol
ContractNo_CAL16	Cal16-Water Access 2, 5D/12Hol
ContractNo_CAL05	Cal05-MBTA Night No Hol
ContractNo_CAL18	Cal18-Weekend Shutdown
ContractNo_CAL19	Cal19-Saturdays Only (Advertise)
ContractNo_CAL11	Cal11-Winter Shut 5D/8Hr, 12Hol
ContractNo_CAL14	Cal14-Planting, 5D/12Hol - Deciduous
ContractNo_CAL12	Cal12-Paving, 5D/12 Hol
ContractNo_CAL17	Cal17 - Reclaimation - 5d/12hol
ContractNo_CAL13	Cal13-Planting, 5D/12Hol - Evergreen
ContractNo_CAL15	Cal15-Water Access1, 5D/12Hol

Holidays

The calendars that indicate "12 Hol" in the title include the 12 Massachusetts legal holidays, populated through the year 2040. These holidays are:

Holiday
New Year's Day – January First**
Martin Luther King, Jr. Day – Third Monday in January
Washington's Birthday – Third Monday in February
Patriots' Day – Third Monday in April
Memorial Day – Last Monday in May
Juneteenth Independence Day – June 19th**
Independence Day – July 4th**
Labor Day – First Monday in September
Columbus Day – Second Monday in October
Veterans' Day – November 11th**
Thanksgiving Day – fourth Thursday in November
Christmas Day – December 25th**

****** If the Holiday falls on a Sunday, it will be observed on the following Monday, however, if the Holiday falls on a Saturday, it will be observed on Saturday.

Calendar Descriptions

- Calendar 1, 2 & 3 are the typical 5, 6 or 7 daytime work schedules with holidays.
- Calendar 3A – 7d/8hr/No Holidays - is used for typical calendar-day dependent activities like Review and Approval of submissions by MassDOT.
- Calendar 4 is a 7d/24hr/No Holidays schedule that has no time restrictions, and is used for Milestones and Access Restraints, and non-work, time-dependent activities like curing of concrete.
- Calendar 5 is specifically for MBTA associated work at night
- Calendar Descriptions with "***Mjr Rdwy***" (Calendars 6, 7 & 8) include the additional extended holiday work restrictions on Major Roadways leading up to or following Holiday weekends such as the Wednesday prior to Thanksgiving.
- Calendar 10 – Winter Ineff, 5d/12 Hol, is a calendar that simulates an inefficiency during the period of December 15th through March 15th. This calendar should only be used on activities that could be performed during the winter months, however, may be impacted by cold or snow weather events.
- Calendar 11 – Winter Shut 5D/12Hol, is a calendar used for activities that cannot be performed between December 1 and March 15.
- Calendar 12 – Paving 5d/12Hol, is a calendar that restricts work between November 15th and March 30th, when asphalt plants are typically off-line.
- The CST includes two "Planting" calendars (Calendars 13 & 14), one for Deciduous plantings, and one for Evergreen plantings.
- Calendar 15 & 16 are water access calendars for in-water related activities. Calendar 15 provides water access from June 1st to Sep 30th, and Calendar 16 restricts water access from April 15th to July 15th, and September 15th to October 31st due to fish migration. These calendars may need to be adjusted per each contracts specified in-water access restrictions.
- Calendar 17 – Reclaimation – 5d/12hol, is a calendar that restricts Reclaim work between October 15th and April 15th.
- Calendar 18 – Weekend Shutdown, is a calendar for work performed between Friday night and Monday morning
- Calendar 19 – Saturday Only – is a calendar for work restricted to Saturdays only, like Advertising of contracts.

Shift Work

If the Design-Builder intends to perform work outside the daytime work schedule (setup currently as 8am-4pm), Calendars should be modified and/or added to reflect the actual work periods, and any modifications or additions

detailed in the Baseline Schedule Narrative, or subsequent Progress Update Narrative that the Calendar modifications occur.

3.4 MILESTONES

Project Milestones

The milestones listed below should adhere to the following MassDOT Highway naming convention. These milestones have been created within the template.

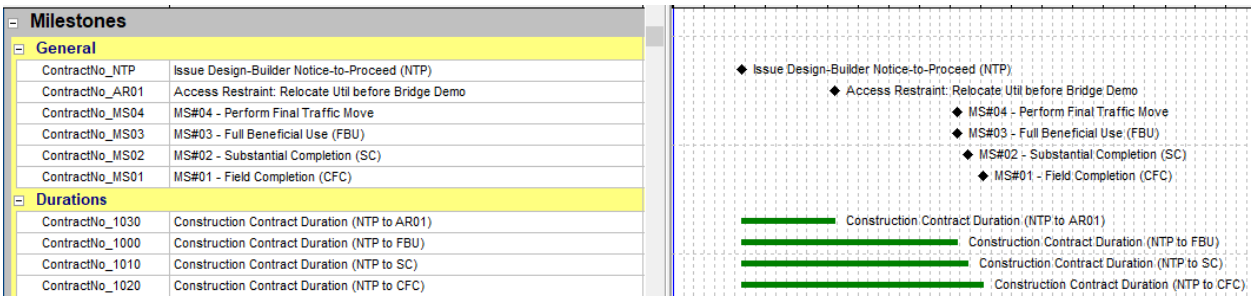
Milestone Identifier	Milestone Activity Description	Example
ContractNo_NTP	Notice to Proceed	NTP – Notice to Proceed
ContractNo_AR01	Access restraint for start of a specific scope of work or geographic area of work	AR01 – Access Restraint #1 (Aerial Utilities) or AR02 – Access Restraint #2 (In Bridge Utilities)
ContractNo_MS04	Final Traffic Move	MS04 – Final Traffic Move
ContractNo_MS03	Full Beneficial Use	MS03 – Full Beneficial Use
ContractNo_MS02	Substantial Completion	MS02 – Substantial Completion
ContractNo_MS01	Contractor Field Completion	MS01 – Contractor Field Completion
ContractNo_MSXX	Other Interim Milestones as defined by Section 8.03	MSXX – Phase 2 Completion

There should be no successor activities to the Contractor Field Completion Milestone. If the contract provides contractual completion dates for each, then the activities should be assigned a "finish on or before" constraint of the contract date.

3.5 ACTIVITY SETTINGS

Contract Time Summary (Level of Effort)

These activities give managers a quick place to see if they are ahead or behind schedule. The "level of effort" activities should be logically tied to NTP and each Milestone and has a calendar day activity applied to it. The intent is to represent the entire project duration. The activity ID and name should not be changed.



Activity Codes

Listed in ***Attachment A*** are the suggested activity code fields. Each activity in the schedule shall be coded to each of the activity codes. The actual values within these Activity Codes can be revised based on the specific Contract requirements.

The activity codes must be maintained at the Project Level.

Additional activity code (or WBS coding) may be added and utilized at the Department's discretion to be discussed and defined during the Design-Builder's development of the Baseline schedule.

WBS Structure

The WBS structure shown below was created within the project to allow for additional means to organize the project schedule. Additional WBS detail may be added and utilized at the contractor's discretion.

WBS Code	WBS Name
DB CST 1.0	Design-Build CSTv1.0
DB CST 1.0.DB CCTD 1.0.1	Design-Build Contract Procurement
DB CST 1.0.1	Milestones
DB CST 1.0.1.1	General
DB CST 1.0.1.2	Durations
DB CST 1.0.2	Submittals & Procurements
DB CST 1.0.2.1	Early Release Design Packages
DB CST 1.0.2.1.3	Geotechnical Report
DB CST 1.0.2.1.1	Drilled Shafts
DB CST 1.0.2.1.4	Substructure Rebar
DB CST 1.0.2.1.2	Structural Steel
DB CST 1.0.2.1.9	Bridge Bearings Design
DB CST 1.0.2.1.10	Bridge Scuppers Design
DB CST 1.0.2.1.11	Bridge Joint Design
DB CST 1.0.2.2	Projectwide Submittals
DB CST 1.0.2.2.1	Project Schedule
DB CST 1.0.2.2.2	Project Management Plan
DB CST 1.0.2.2.4	Public Participation Plan
DB CST 1.0.2.2.5	Health & Safety Plan
DB CST 1.0.2.3	Environmental Submittals
DB CST 1.0.2.3.8	Groundwater & Soil Management Plan
DB CST 1.0.2.3.10	Noise Control Plan
DB CST 1.0.2.3.11	Dust Control Plan
DB CST 1.0.2.3.13	Invasive Species Management Plan
DB CST 1.0.2.3.12	Dredge Material Plan
DB CST 1.0.2.4	Design Submittals
DB CST 1.0.2.4.1	Formal Bridge Sketch Plan
DB CST 1.0.2.4.2	First Structural Design - Bridge
DB CST 1.0.2.4.5	Second Structural Design - Bridge
DB CST 1.0.2.4.4	75% Design - Highway
DB CST 1.0.2.4.3	100% Design - Highway
DB CST 1.0.2.4.7	Final Design - Bridge & Highway
DB CST 1.0.2.5	Early Action Construction Submittals
DB CST 1.0.2.5.5	RTTM
DB CST 1.0.2.5.1	Quality Management Plan (QMP)
DB CST 1.0.2.5.7	Bathymetric Survey
DB CST 1.0.2.5.3	Final Hydraulic & Scour Analysis Report
DB CST 1.0.2.5.2	Temporary Trestle Design
DB CST 1.0.2.5.6	Support of Excavation Design
DB CST 1.0.2.5.4	Existing Sewer Line Protection Plan
DB CST 1.0.2.5.9	Stormwater Management Plan
DB CST 1.0.2.5.12	Geotechnical Instrumentation & Monitoring Plan
DB CST 1.0.2.6	Quality Control Plans
DB CST 1.0.2.6.1	Drilled Shaft Quality Control Plan
DB CST 1.0.2.6.2	Deck Membrane Waterproofing
DB CST 1.0.2.6.3	Earthwork
DB CST 1.0.2.6.4	HMA Pavement
DB CST 1.0.2.6.5	Portland Cement Concrete - Cast in Place Elements
DB CST 1.0.2.6.6	Structural Steel Element
DB CST 1.0.2.7	Construction Submittals
DB CST 1.0.2.7.2	Traffic Management Plan (TTCP)
DB CST 1.0.2.7.11	Existing Bridge Monitoring Plan
DB CST 1.0.2.7.12	Dewatering Plan
DB CST 1.0.2.7.6	Demolition Plan - NB
DB CST 1.0.2.7.13	Drilled Shaft Installation/Testing Procedure
DB CST 1.0.2.7.5	Abutment Pile Intsallation Plan
DB CST 1.0.2.7.7	Erection Plan - Stage 1
DB CST 1.0.2.7.3	Erection Plan - Stage 2
DB CST 1.0.2.7.4	Erection Plan - Stage 3
DB CST 1.0.2.7.10	Deck Placement Plan
DB CST 1.0.2.7.8	Solid Pier Wall Construction Plan
DB CST 1.0.2.7.9	Formwork Plan

WBS Code	WBS Name
DB CST 1.0.2.7.1	Subcontractor Approvals
DB CST 1.0.2.7.1.1	Licensed Site Professional
DB CST 1.0.2.7.1.2	Structure Cleaning Subcontractor
DB CST 1.0.2.7.1.3	Electrical Subcontractor
DB CST 1.0.2.7.1.4	Bridge Demolition Subcontractor
DB CST 1.0.2.8	Shop Drawings and Procurements
DB CST 1.0.2.8.16	Superstructure Rebar Design
DB CST 1.0.2.8.9	Abutment Rebar
DB CST 1.0.2.8.14	Drilled Shaft Rebar
DB CST 1.0.2.8.15	Pier Substructure Rebar
DB CST 1.0.2.8.3	Stay in Place Formwork
DB CST 1.0.2.8.7	Solid Pier Wall (Pier Bases) Design & Shop Drawings
DB CST 1.0.2.8.5	Drainage Structures
DB CST 1.0.2.8.1	TL-5 Pier Protection Barrier
DB CST 1.0.2.8.12	Bridge Bearings
DB CST 1.0.2.8.4	Superstructure Rebar
DB CST 1.0.2.8.6	Bridge Scuppers
DB CST 1.0.2.8.8	Bridge Joint
DB CST 1.0.2.9	Early Action Permit Plan Changes
DB CST 1.0.2.9.1	National Marine Fishery Service (NMFS)
DB CST 1.0.2.9.11	Water Quality Certification Permit Plan Changes
DB CST 1.0.2.9.12	Army Corp of Engineers Permit Plan Changes
DB CST 1.0.Uti	Utility
DB CST 1.0.Uti.URP	Utility Relocation & Coordination Plan
DB CST 1.0.Uti.Not	Utility Notifications & Meetings
DB CST 1.0.Uti.Rel	Utility Relocation
DB CST 1.0.Uti.Rel.1	Utility 1 PUC Tasks
DB CST 1.0.Uti.Rel.2	Utility 2 PUC Tasks
DB CST 1.0.Uti.Rel.3	Utility 3 PUC Tasks
DB CST 1.0.Uti.Rel.4	Utility 4 PUC Tasks
DB CST 1.0.Uti.ServConn	Utility Service Connections
DB CST 1.0.Con	Construction
DB CST 1.0.Con.Gene	General
DB CST 1.0.Con.Mobi	Start-up
DB CST 1.0.Con.Ph1	Stage 1
DB CST 1.0.Con.Ph1.StpA	Step A
DB CST 1.0.Con.Ph1.StpB	Step B
DB CST 1.0.Con.Ph1.StpC	Step C
DB CST 1.0.Con.Ph1.StpD	Step D
DB CST 1.0.Con.Ph2	Stage 2
DB CST 1.0.Con.Ph2.StpA	Step A
DB CST 1.0.Con.Ph2.StpB	Step B
DB CST 1.0.Con.Ph2.StpC	Step C
DB CST 1.0.Con.Ph2.StpD	Step D
DB CST 1.0.Con.Ph3	Stage 3
DB CST 1.0.Con.Ph3.StpA	Step A
DB CST 1.0.Con.Ph3.StpB	Step B
DB CST 1.0.Con.Ph3.StpC	Step C
DB CST 1.0.Con.Ph3.StpD	Step D
DB CST 1.0.Con.Ph4	Stage 4
DB CST 1.0.Con.Ph4.StpA	Step A
DB CST 1.0.Con.Ph4.StpB	Step B
DB CST 1.0.Con.Ph4.StpC	Step C
DB CST 1.0.Con.Ph4.StpD	Step D
DB CST 1.0.Con.Ph5	Stage 5
DB CST 1.0.Con.Ph5.StpA	Step A
DB CST 1.0.Con.Ph5.StpB	Step B
DB CST 1.0.Con.Ph5.StpC	Step C
DB CST 1.0.Con.Ph5.StpD	Step D
DB CST 1.0.Clo	Close-Out
DB CST 1.0.Pla	Placeholder
DB CST 1.0.Deleted	Deleted Activities

Removing activities from the schedule

Once the Baseline Schedule has been accepted, activities should not be deleted from the contract schedule. Though the planned work may require changes to the schedule activities over the course of the project, if an existing activity is no longer required, it should remain in the logic, unless it causes an out-of-sequence error. The activity should be moved to the "Deleted Activities" WBS node, actualized as being started and completed as of the NTP Date, and "Deleted" added to the end of the activity description.

Method for determining Critical and Near-Critical Path(s)

Primavera P6 Advanced Tab Schedule Options provides ways to calculate multiple paths:

Calculate multiple paths using:

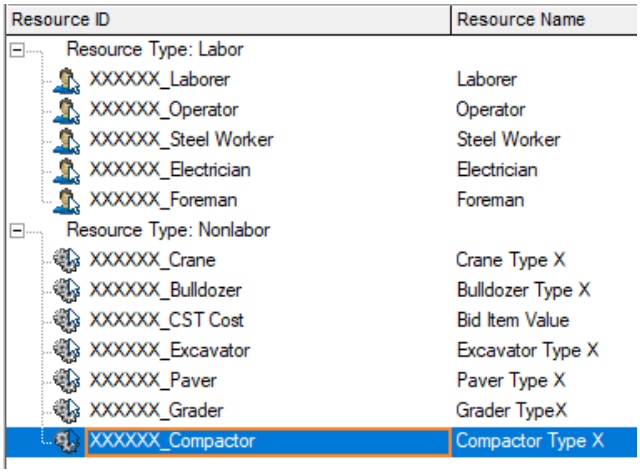
- ***Total Float*** - Choose this option to identify critical paths based on the total float of activity relationships. To calculate the most critical path, the module first determines which relationship has the most critical total float. Using this relationship as the starting point, the module determines which predecessor and successor activities have the most critical relationship total float, among all possible paths, until an activity is reached that does not have any relationships. The path that contains these activities is the most critical path.

- ***Free Float*** - Choose this option to define critical float paths based on longest path. The most critical path will be identical to the critical path that is derived when you choose to define critical activities as Longest Path in the General tab. In a multi-calendar project, the longest path is calculated by identifying the activities that have an early finish equal to the latest calculated early finish for the project and tracing all driving relationships for those activities back to the project start date. After the most critical path is identified, the module will calculate the remaining sub-critical paths.

3.6 COST & RESOURCE

If the schedule specification requires cost and resource loading, please refer to this section, as well as ***Attachment C***.

Each activity shall be cost and resource loaded as described in the specification. For ease of use and consistency between projects, MassDOT Highway has developed the Cost and Resources dictionary provided in the Primavera .XER file. Shown below are the Resource IDs, where the preceding "XXXXXX" should be replaced with the MassDOT Contract Number. This is to avoid any comingling of resources between contracts within the MassDOT P6 resource library.



Resource ID	Resource Name
Resource Type: Labor	
XXXXXX_Laborer	Laborer
XXXXXX_Operator	Operator
XXXXXX_Steel Worker	Steel Worker
XXXXXX_Electrician	Electrician
XXXXXX_Foreman	Foreman
Resource Type: Nonlabor	
XXXXXX_Crane	Crane Type X
XXXXXX_Bulldozer	Bulldozer Type X
XXXXXX_CST Cost	Bid Item Value
XXXXXX_Excavator	Excavator Type X
XXXXXX_Paver	Paver Type X
XXXXXX_Grader	Grader TypeX
XXXXXX_Compactor	Compactor Type X

COST:

In order to track the cost for each activity, each activity shall be assigned the appropriate bid items and dollar amount required to complete the work. This is done by assigning a Resource = 'CST Cost' and then a Cost Account equal to the appropriate Bid Item, then the budgeted cost can be assigned for each Bid Item.

Contractors are discouraged from using the "expenses" field.

The narrative should provide a summary of the cost loading with planned monthly and cumulative expenditures.

Please refer to ***Attachment E*** for a listing of the bid items that have been entered as Cost Accounts in Primavera.

RESOURCE: LABOR

In order to track the labor resources for each activity, each activity shall be assigned the appropriate number of manhours required to complete the activity. This is done by assigning a Resource = 'CST Labor' and selecting the appropriate type of labor, then the budgeted units can be assigned.

The narrative should provide a summary of the planned resource loading, by category of labor (carpenter, operator, steel worker, pile driver, etc) and over time. Please include a summary of planned manpower usage on a monthly basis.

RESOURCE: EQUIPMENT

In order to track the major equipment required for each activity, each activity shall be assigned the appropriate unit of equipment (crane, excavator, etc.) required to complete the activity. This is done by assigning a Resource = 'CST Equipment' and selecting the appropriate type of equipment, then the budgeted units can be assigned.

The narrative should provide a summary of the planned equipment usage loading, by category of equipment (ie: crane 1, excavator 3500, etc) and over time. Please include a summary of planned equipment usage on a monthly basis.

NOTES:

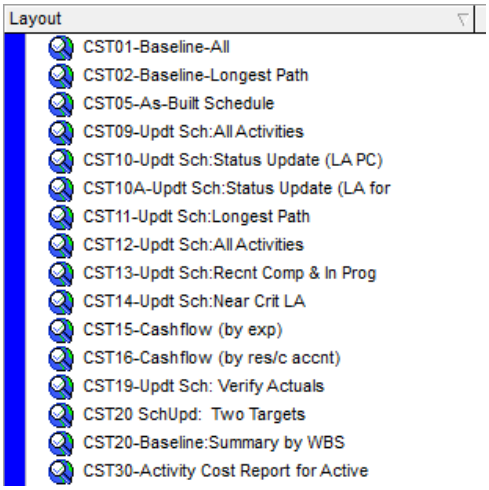
- Cost & Resources should be maintained at the Global Level.
- Primavera settings:
  - The 'duration type' for each activity should be set to "Fixed Duration and Units" before associating any cost or resources to the activity. This is not applicable to milestones, as they cannot be set to "fixed duration and units". The "duration type" field is found in: Activity View/General Tab.
  - Also, in the activity view, select Enterprise/Resource, then select the Resource item that is tracking Cost (in the Toolkit, the resource field for cost is "CST Cost"). Then select the 'Details' tab, then ensure the boxes for "Auto Compute Actuals" and "Calculate Costs from Units" are unchecked.
- Please refer to ***Attachment C*** for a suggested guideline of how to cost and resource load activities in *Primavera P6.*
- *Please note: In order for the cost accounts and resource codes to be included in the attached Primavera .XER file, one activity was added as a placeholder and coded to each cost account and resource code. Once the cost and resources codes have been populated in the Contractor's version of Primavera, this activity can be deleted.*

3.7 SCHEDULE LAYOUTS

Sample Layouts

Layouts have been prepared and are recommended for use with all schedule submissions. **The contractor is asked to prepare a PDF of each layout with each schedule submission, if applicable,** for use by the Resident Engineer.

They have been exported as .plf files and are available for import directly into Primavera.



Steps to import:

- Import the .XER file (Navigate to File/Import: as previously described in section 2.1 above)
- Select each Activity Codes and assign to "Make Global" (Navigate to Enterprise/Activity Codes)
- Import each Layout separately (Navigate to View/Layouts/Open/Import)
- Once imported, select the layout you wish to use (Navigate to View/Layouts/Open)

Layouts must be maintained at the Project Level.

3.8 NARRATIVE

As stated in Specification Section 722.62.A, each schedule submission shall be submitted with a detailed written narrative. The narrative is crucial to understanding the contractor's approach, progress to date, planned outlook, assumptions, etc., and should be written in a way that an audience that is not familiar with the project will understand the progress to date, and the plan going forward.

Topics to be discussed in ***Baseline Schedule*** Narrative:

- Detailed discussion on Early Release Packages
- Detailed discussion on Permitting and/or existing Permit Amendments
- Detail discussion on early action Construction Submittals
- Detailed discussion on the general sequence of work
- Detailed description of the project's critical path
    - Identify/discuss near-critical activities (Total Float less than 20 days) with potential of changing critical path
- Grid of Milestones including Contractual and Forecast completion dates
- Detailed discussion any schedule risks relating to third-parties
- Discussion of Limitations of Operations, both Contractual and Design-Builder Means and Methods
    - What activities are planned during winter months, and which are not
    - Planned work schedules, including shifts, overtime, seasonal

    - Any environmental restrictions and/or conditions
        - Any required Permitting
        - Any ConCom Order of Conditions affecting schedule
    - Calendars used in the schedule should be detailed describing planned shift hours, non-work periods, holidays, etc.
    - Utility access, restrictions, and enabling requirement as defined in the PUC form as well as any concerns anticipated by the contractor.
- Detailed discussion on cost loading, cashflow, and resource utilization (manpower and equipment) if applicable
- Discussion of what work scope will be performed by the Design-Builder, and what work scope will be performed by Subcontractors.
- Identify/discuss long lead procurement items
- Identify/discuss any fabrication and procurement need dates to meet schedule
- Identify/discuss any potential ATC change proposals

Topics to be discussed in the monthly ***Progress Update Schedule*** Narrative:

- Detailed discussion regarding current sequence of work and any changes to sequence of work
    - Identification & Detailed Explanation of any changes to Schedule Logic
- Detailed discussion on the project's current critical path and any changes to the critical path
    - Identify/discuss near-critical activities (Total Float less than 20 days) with potential of changing critical path
- Grid of Milestones including Contractual and Forecast completion dates and any variances from prior reporting
- Discussion of Limitations of Operations:
    - Changes to Design-Builder's Means and Methods
    - Changes to planned work schedule, including shifts, overtime, seasonal
    - Any new or changed environmental restrictions
    - Any changes to Calendars used in the schedule should be detailed
    - Any revisions to Utility access and restrictions
    - Critical Submissions and/or RFI Responses
- Include a fabrication schedule for all major project components, especially detailing any on the critical path and near-critical path(s) (Total Float less than 20 days)
- Detailed discussion on planned versus actual progress and variances from prior reporting
- Detail the work forecast to be accomplished during the upcoming schedule update period
- Discuss any Extra Work and/or Change Orders that have been incorporated into the schedule since the previous reporting period
- Discuss any Non-Conformance (NCR) or Deficiency Reports (DR) that were issued during the Update period and mitigation efforts going forward
- Describe any 'Notices of Delay' formally submitted during the schedule update period
    - Detailed description of effects on the project's critical path due to the actual/perceived delay
- Detail any Utility Notifications that were issued during the schedule update period
- Detail any Utility Notifications planned to be issued in the upcoming schedule update period
- Detail critical responses from MassDOT required, including need dates, to maintain the submitted schedule
- Discuss any considerations that may improve schedule outcome

4.0 TIME ENTITLEMENT ANALYSIS (TEA) GUIDANCE

4.1 TIME ENTITLEMENT ANALYSIS INTRODUCTION

A TEA shall be submitted to the Engineer before any Time Extension is granted to the Contractor. Time Extensions will not be granted unless the TEA accurately reflects an evaluation of all past delays and the actual events that occurred that impacted the Critical Path. The TEA must also demonstrate a plan for the efficient completion of all of the remaining work through an optimized CPM Schedule. The analysis shall include all delays, including Contractor-caused delays (including non-conforming work, resource shortfalls, late deliveries, etc), third-party-caused delays, and all MassDOT-caused delays, and shall be subdivided into timeframes and causes of delays. Contemporaneous documentation needs to be provided with the TEA.

TEAs shall be submitted:

1. immediately following any Notice of Delay,
2. as part of any Extra Work Order that may impact Contract Time,
3. when any Progress Schedule Update shows delays (that the Contractor feels is Excusable),
4. with a request for a Time Extension,
5. within fourteen (14) Calendar Days after a request for a TEA by the Engineer for any other reason

Once prompted by any of the above, the Contractor shall submit the TEA no later than 14 days after the event.

4.2 DETERMINATION OF DELAY

The first thing the Contractor must determine is if the cause of the delay has merit. As outlined in the contract documents, in order for MassDOT to grant a time extension, the cause of the delay must be the result of Extra Work, Department Caused Delays, Increased Quantities, Delays Caused by Public Service Corporations (other Third-Parties). Time extensions will not be granted for delays caused by the contractor, the contractor's subs, for any issue that was with the control of the contractor, and/or for delays due to contractor negligence.

For further definition of these causes refer to contract specification.

Should the contractor determine the delay is the result of one of these causes then proper notification is required.

4.3 NOTIFICATIONS AND SUBMITTALS

The Contractor shall notify MassDOT by letter, within three (3) Calendar Days of the start of any delays to the Critical Path that are caused by any of the above issues. If the delay persists, a request for a time extension must be submitted within 15 calendar days after the start of the delay.

NOTE: no time extension will be considered if this request is not filed within the stated time. A documented preliminary TEA supporting the request for a time extension shall be submitted to MassDOT no later than 30 calendar days after the start of the delay. A documented final TEA shall be submitted to MassDOT no later than 15 calendar days after the end of the delay.

PRELIMINARY TIME ENTITLEMENT ANALYSIS SUBMITTAL

When preparing the preliminary time entitlement analysis (PTEA) submittal the Contractor should develop a TEA as described within this document, estimating the duration for the impact event. The package should include the following:

- A copy of the delay notification letter
- The request notice for a time extension
- A schedule fragnet as demonstrated above
- A descriptive narrative
- The P6 file (xer format) used in the delay analysis
- PDF printout showing the critical path before the impact and again after the impact
- PDF showing all activities after the impact

FINAL TIME ENTITLEMENT ANALYSIS SUBMITTAL

When preparing the final time entitlement analysis (FTEA) submittal the Contractor should develop a TEA as described within this document using the actual duration for the impact event. The package should include the following:

- A schedule fragnet as demonstrated above
- A descriptive narrative
- The P6 file (xer format) used in the delay analysis
- PDF printout showing the critical path before the impact and again after the impact
- PDF showing all activities after the impact

4.4 TIME EXTENSION DETERMINATION

The following requirements are considered in the evaluation of the TEA (reference Specification Section 8.10):

- No time extension will be granted for any delay or any suspension of the Work due to the fault of the Contractor.
- No time extension will be granted if the request for a time extension is based on any claim that the originally established contract duration was inadequate.
- Time extensions will only be granted for delays, including concurrent delays, to activities affecting contract milestones.
- Any work restriction related to weather, permit conditions, community accommodation, traffic or any other restriction specified in the Contract or reasonably expected for the particular locality and for the particular season of the year in which the Work is being prosecuted must be considered in the analysis of each individual time extension and shall not be considered, in itself, justification for an extension of time.
- The TEA must be submitted by the Contractor and cannot be submitted by a Subcontractor.

4.5 TIME ENTITLEMENT ANALYSIS METHODS

Renowned experts in the field of delay analysis, AACE® International, has published a recommended practice 29R-03 Forensic Schedule Analysis which provides basic technical principles and guidelines for applying numerous methods of preparing a Time Entitlement Analysis. The publication breaks down the methods into four families:

- As-Planned vs As-Built
- Contemporaneous Period Analysis
- Time Impact Analysis
- Collapsed As-Built Analysis

Within each of these families are listed several methods that can be considered depending on the information available and the outcome desired. Most are considered retrospectively to quantify as-built delay caused by impact activities. MassDOT's preferred method is a prospective approach which forecasts future impacts. Therefore, a Time Impact Analysis method for determining delay is recommended.

Progress schedules cannot be used to determine a time extension, as they include all impacts to the project and not just the event in question.

THE TIME IMPACT ANALYSIS METHOD

A Time Impact Analysis is a forward looking, prospective schedule analysis technique that adds a modeled event or events to an unimpacted schedule to determine the potential impact of that event or events to the longest path and therefore project completion. TIA is a forecast designed to facilitate a timely contract adjustment prior to the actual work being completely performed.

The TIA procedure is performed while a project is on-going, and thus has a 'forward-looking' or a "prospective analysis" perspective in near-real time context. The TIA is typically associated with the modeling of the effects of a single change or delay event. It requires a Critical Path Method (CPM) schedule that can show the pure CPM calculation differences between a schedule that does not include the impacting event and one that does include an

activity modeling the impacting event. The difference for project completion, between the non-impacted schedule and that of the schedule with the impact, is considered to be the impact of the event for time extension considerations.

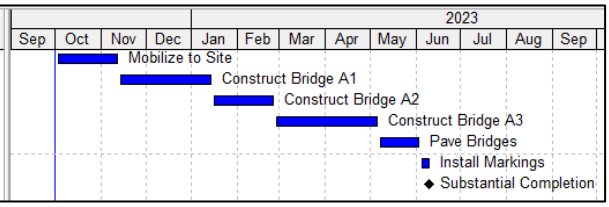
TIA assumes that the most recently accepted schedule update, just prior to the actual impacting event, correctly displays the project status and logical sequence of work involved on the project at the time of the impacting event. It also assumes that the actual event will not result in a change in the project work plan. In effect, a TIA assumes that the CPM schedule, in-effect at the time of the event, is accurate and will not change (other than the change brought about by the delay.)

Steps for creating a Time Entitlement Analysis using the TIA Method:

STEP 1: Select the appropriate accepted schedule update to impact. The appropriate schedule should be the last MassDOT accepted schedule statused and updated prior to the time of the change or delay. The schedule to be impacted is called, "the unimpacted schedule." The status date should not be altered and shall be the same as the status date of the impacted schedule. Constraints not required by contract should not be included in the analysis. If MassDOT requested corrections to the accepted schedule, they should be addressed before using it for the TIA.

In the example below, with a data date of October 1st, the critical path commences with Mobilization and proceeds through Bridge construction, Paving and Markings with Substantial Completion on June 9th, 2023. The total float is zero and in support of the contract date.

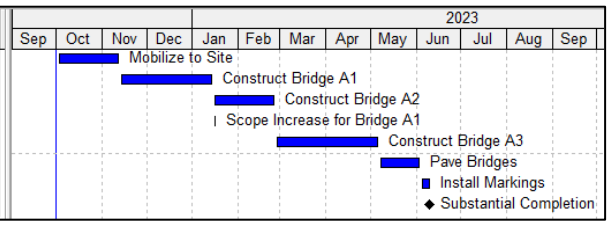
Activity ID	Activity Name	Original	Start	Finish	Total Float
A1000	Mobilize to Site	30	03-Oct-22	11-Nov-22	0
A1010	Construct Bridge A1	45	14-Nov-22	13-Jan-23	0
A1020	Construct Bridge A2	30	16-Jan-23	24-Feb-23	0
A1030	Construct Bridge A3	50	27-Feb-23	05-May-23	0
A1040	Pave Bridges	20	08-May-23	02-Jun-23	0
A1050	Install Markings	5	05-Jun-23	09-Jun-23	0
A1060	Substantial Completion	0		09-Jun-23	0



STEP 2: Insert the impact activities and logic into a copy of the unimpacted schedule. Make the accepted activity adjustments to the existing activities as necessary. Set the duration of the delay event activities to zero and recalculate the CPM. At this point in the analysis, all computed and actual dates in the impacted schedule should match that from the unimpacted schedule. If all dates do not match, then correct the fragnet insertion until they do match.

As the example below shows a new activity has been added to the schedule that represents the added scope to Bridge A1. It is logically tied to occur between the construction of Bridge A1 and Bridge A2. It is the same schedule in step 1 with no impact. The duration of the impact is initially set to zero to verify there is no change to the Substantial Completion date of June 9th, 2023.

Activity ID	Activity Name	Original	Start	Finish	Total Float
A1000	Mobilize to Site	30	03-Oct-22	11-Nov-22	0
A1010	Construct Bridge A1	45	14-Nov-22	13-Jan-23	0
A1020	Construct Bridge A2	30	16-Jan-23	24-Feb-23	0
DELAY	Scope Increase for Bridge A1	0	16-Jan-23	16-Jan-23	0
A1030	Construct Bridge A3	50	27-Feb-23	05-May-23	0
A1040	Pave Bridges	20	08-May-23	02-Jun-23	0
A1050	Install Markings	5	05-Jun-23	09-Jun-23	0
A1060	Substantial Completion	0		09-Jun-23*	0

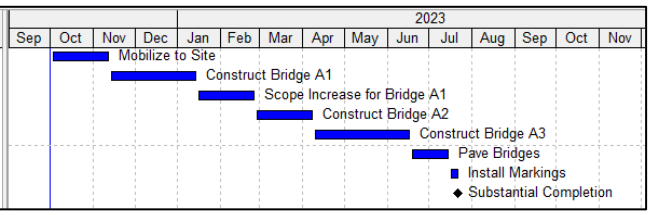


STEP 3: The Contract specifications requires that the Contractor mitigate the effects of any delay to the extent practicable without cost to the Contractor or Owner. The Contractor may elect to revise the duration status of activities in the schedule to the remaining duration status to reflect the mitigation process. This revision of the status to the impacted schedule will reflect the resultant effects of mitigation of the project. Whatever changes made to the schedule to satisfy the mitigation requirements, should be fully documented and included as part of the TEA submittal.

STEP 4: Insert the delay event durations into the added event activities and recompute the CPM.

In the example below the impact for the added scope to Bridge A1 is estimated at 30 days. The duration for this task has been changed from zero to 30 days. The schedule was recalculated with the Substantial Completion date being extended to July 21st, 2023, an increase of 42 days.

Activity ID	Activity Name	Original	Start	Finish	Total Float
A1000	Mobilize to Site	30	03-Oct-22	11-Nov-22	-30
A1010	Construct Bridge A1	45	14-Nov-22	13-Jan-23	-30
DELAY	Scope Increase for Bridge A1	30	16-Jan-23	24-Feb-23	-30
A1020	Construct Bridge A2	30	27-Feb-23	07-Apr-23	-30
A1030	Construct Bridge A3	50	10-Apr-23	16-Jun-23	-30
A1040	Pave Bridges	20	19-Jun-23	14-Jul-23	-30
A1050	Install Markings	5	17-Jul-23	21-Jul-23	-30
A1060	Substantial Completion	0		21-Jul-23*	-42



STEP 5: Identify the activity indicating project completion milestone and note any change in the project completion date in calendar days.

In the example shown above the Substantial Completion milestone date was extended 42 days as a result of the added scope for Bridge A1. This method eliminates all other impacts to the schedule from progress or logic adjustments and solely represents the impact from the added scope.

STEP 6: Eliminate delay dates from the TEA request that have previously been awarded. Every date determined to be a delay date will be excusable to contractual milestone completion, providing that this date has not already been awarded as a delay date due to a prior TEA. Should the day already be designated as an excusable delay date, then this day will be considered concurrent in terms of a previous delay. In no event will a single date be granted an additional excusable day if it has previously been granted one for any other reason. In other words, no single date may be assigned more than one day of excusable delay.

4.6 TIME ENTITLEMENT ANALYSIS NARRATIVE

As stated in the Contract Specifications, each schedule submission (including TEAs) shall be submitted with a detailed written narrative. The narrative is crucial to understanding the contractor's approach, assumptions, previously provided documents and overall conclusions. The narrative should include the following details:

- The contractor should explain the overall delay issue and the impact to the contract dates including why it is excusable time per the contract requirements
- State when the delay occurred and when the "Notice of Delay" was submitted (attach a copy)
- State when the Preliminary TEA was submitted, if it was within the allowable time and the requested number of days
- State when the Final TEA was submitted and if it was within the allowable time (applicable only to the Final TEA submission)
- State the Schedule of Record revision and data date being used as the basis for this Time Entitlement Analysis
- Describe in detail the steps used for the delay analysis including added/deleted activities, logic adjustments, duration changes, description changes or calendar revisions
- Discuss if the impact results in overtime hours, additional shifts or additional resources
- Discuss the changes to the Project Spending Report (PSR) due to the actual or perceived impacting changed condition
- State if any no cost mitigation measures have been implemented or are being considered

5.0 RECOVERY SCHEDULE GUIDANCE

A Recovery Schedule is required in instances when there are delays to the Critical Path(s) that are Non-Excusable.

The Contractor shall promptly report to the Engineer all schedule delays during the prosecution of the Work. This requirement is critical to the Department's ability to make informed decisions regarding Contract Time and costs.

A Recovery Schedule is required to be submitted to the Engineer when any one of the following occur:

- the prosecution of the Work is delayed such that the forecasted date to achieve any Contract Milestone is beyond (later) than the Contractual Milestone date and, in the review/opinion of the Engineer, those delays to the Critical Path are the result of Non-Excusable delays (that do not entitle Contractor/Design-Builder to a time extension), and/or
- the Engineer has provided written direction to provide a Recovery Schedule, and/or
- the Contractor has yet to provide a Notice of Delay for the specific activities that are delayed (and in accordance with 722.64).

When required, the Recovery Schedule is to be submitted no later than 14 Calendar Days after the applicable Contract Progress Schedule submission. The Recovery Schedule shall:

(a) regain lost schedule progress to achieve the applicable Contract Milestone or

(b) mitigate delays in achieving the applicable Contract Milestone if the Contractor/Design-Builder can demonstrate to MassDOT's satisfaction that the Contractor/Design-Builder cannot achieve the Milestone by the applicable contractual Milestone date.

The Recovery Schedule shall be submitted for review and acceptance for compliance with this Section 722.64.C

The Recovery Schedule narrative should discuss in detail:

- All changes to and/or additional workforce, overtime and/or shift work
- Any resequencing of scope
- Changes to the project's Critical Path(es)
- Additional equipment resources required
- Any additional or changed lane closure or roadway closures required
- Any accelerated need dates by MassDOT or Third-Parties
- Any changes to the project Calendars
- Any changed, added or deleted activities
- A high ratio of remaining activities on the Critical Path(es) to all remaining activities would indicate a high risk to schedule outcome. If a high ratio exists, the Contractor should address this in the Narrative and how they intend to ensure these activities will meet their scheduled completions.

If the schedule requires cost & resource loading, the Recovery Schedule should highlight the changes to the baseline cash flow and resources. For all Type A and B Schedules, all Recovery Schedules shall be cost and resource- loaded to help to quickly validate and monitor the duration of the Work to be performed.

The Contractor should include reports and graphics detailing the changes between the previous Progress Update and the Recovery Schedule to demonstrate the scope and geographic areas most effected by the Recovery Schedule changes.

6.0 PROPOSAL SCHEDULE GUIDANCE

A Proposal Schedule is an alternative schedule used to evaluate proposed changes to the Contract scope or significant alternatives to previously approved approaches to complete the Work, which may include changes to activity durations, logic and sequence. These situations may include:

- MassDOT (the Engineer) would like to evaluate possible ways (schedule and costs) to regain (accelerate) lost time that has been determined to be Excusable delay (not the fault of the Contractor).

- MassDOT would like to evaluate how a future/possible change to the contract may impact the progression of the Work.

- The Contractor/Design-Builder would like to propose a change to the contract requirements or to the previously accepted approaches to the work.

- The Contractor/Design-Builder would like to propose changes in the sequence of work, accelerated durations (for future activities), or other ideas that improve a forecast to complete that shows the Milestone is trending late.

- The Contractor/Design-Builder would like to submit Value Engineering Cost Proposal (VECP).

- When either party (Engineer or Contractor) would like to evaluate options available to implement a change to the work (for a pending Change Order, Extra Work Order, or potential change in the approach to the Work).

In certain instances, MassDOT may agree to fund the planning and preparation of Proposal Schedules through a Change Order. In those instances, an Extra Work Order should be submitted in advance of starting the planning effort for the Proposal Schedule.

The Proposal Schedule narrative should discuss in detail:

- All changes to and/or additional workforce, overtime and/or shift work
- Any resequencing of scope
- Changes to the project's Critical Path(es)
- Additional equipment resources required
- Any additional or changed lane closure or roadway closures required
- Any accelerated need dates by MassDOT or Third-Parties
- Any changes to the project Calendars
- Any changed, added or deleted activities
- If the schedule requires cost & resource loading, the Proposal Schedule should highlight the changes to the baseline cash flow and resources. MassDOT may direct the Design-Builder/Contractor to provide cost and resource loading of the Proposal Schedule.

The Proposal Schedule shall not be inserted into the monthly project schedule update until the logic, durations, narrative and basis of the Proposal Schedule have been accepted by MassDOT.

MassDOT may not accept fragnets (which are often in the form of a partial proposal schedule) until they have been integrated into a copy of the current monthly schedule update.

During the review of any Proposal Schedule, the monthly Progress Schedule Updates shall continue to be required every month.

Changes represented in the accepted Proposal Schedules shall be incorporated into the next Progress Schedule Update.

The Contractor should include reports and graphics detailing the changes between the previous Progress Update and the Proposal Schedule to demonstrate the scope and geographic areas most effected by the Proposal Schedule changes.

7.0 SHORT-TERM CONSTRUCTION SCHEDULE GUIDANCE

Short-Term Construction Schedules are an important part of the contract scheduling process, as they allow MassDOT and the Contractor to confirm areas of scope that have been recently completed, plan staff resource requirements for the upcoming scope, and to coordinate the upcoming work with abutters, stakeholders, and any Utilities affected, as well as planning and scheduling upcoming lane closure requirements.

The Short-Term Construction schedule should contain as much or more detail than the Schedule-of-Record, showing where crews will be working on a daily and shift basis. Notes should be included regarding any major material and/or equipment deliveries scheduled, and/or any upcoming coordination requirements.

- The Short-Term Construction Schedule should be submitted using the standard spreadsheet format provided by the District or another format acceptable to the Resident Engineer.
- The Short-Term Construction Schedule should be the product of the Project Superintendent or produced with close consultation with the Project Superintendent so that this schedule accurately reflects the Superintendent's planned activities for the upcoming three (3) week period and accurately documents actual activity work dates for the previous two (2) week period.
- The work activity descriptions and locations should be listed using easily understood language without jargon. In general, use mile-markers or side-streets to identify locations. Do not use stationing or generic terms such as "Intersection 1" or "bridge N-22-019".
- The work activities listed in the Short-Term Construction Schedule should be limited to construction field activities and should closely match the activities in the Schedule of Record. However, related work activities in the Schedule of Record may be combined into a single activity or broken-out into more detail for the Short-Term Construction Schedule when doing so improves clarity.
- The Short-Term Construction Schedule shall use work activities, not pay items.
- The Short-Term Construction Schedule should be provided to both the Resident Engineer and the Contractor's scheduler who produces the monthly Schedule of Record updates. Submittals should be provided at least bi-weekly or whenever requested by the Resident Engineer.

8.0 PROJECTED SPENDING REPORT (PSR) GUIDANCE

Projected Spending Reports (PSR) are required to be submitted monthly on all MassDOT construction contracts, including contracts that fall under the Type D specification.

Projected Spending Reports should be submitted in a format acceptable to the Engineer. General guidance regarding PSRs is as follows:

- The PSR should be submitted as an Excel file and Adobe PDF, in table format, in 11x17 landscape orientation.
- The PSR should show monthly spending from NTP through Contractor Field Completion
- The PSR should group schedule activities by Pay Item, with Pay Item Summary equal to the current Pay Item contractual value.
- Unit Price Pay Items may be separate lines, however, Lump Sum Pay Items will be broken-out into individual schedule activities.
- On Type A & B (Cost/Resource Loaded) schedule projects, the PSR should reflect the same break-out as the schedule cost-loading.
- Actual monthly cost estimates should be reflected for all previous months.
- See **Attachment F** for a Sample Projected Spending Report (PSR)

9.0 MISELLANEOUS GUIDANCE

9.1 INCORPORATION OF EXTRA WORK ORDERS INTO SCHEDULE

As part of the submission and review of the Extra Work Order, pricing, scope and time related aspects, the Contractor/Design-Builder should prepare a schedule fragnet. A "fragnet" derives from a "fragmentary network", which represents a piece of a larger logic network within the CPM (critical path method) network. The fragnet is also a term used for MassDOT and the Contractor to analyze how the scope of the Extra Work Order will fit into the Progress Schedule Update (once the EWO is approved).

In preparation of an EWO, the Contractor/Design-Builder is obligated to avoid further delays as a result of the EWO. This can include overtime, new resources, a 'second heading,' additional equipment, new resources, additional shifts and/or other approaches that are to be factored into the pricing of the EWO.

The fragnet is the plan for a specific EWO prior to (and without) inserting it into the Project Schedule Update until approved. Therefore, the Contractor's scheduler should develop the EWO activities, logic, durations, sequencing, resource designations, approach to the work, and assign that new grouping of EWO activities to a pre-existing predecessor(s) and successor(s) that is already in the most recent Progress Schedule Update.

The following is a work-flow for a the development, review and approval of the EWO fragnet.

1. EWO is identified with initial scope.
2. Contractor reviews and starts to develop planning and pricing to avoid further delays in the Progress Schedule Update.
3. Contractor's Scheduler identifies, from the most recent Progress Schedule Update, the predecessor and successor, that the EWO fragnet will be best tied to (optimal) once the EWO is accepted by MassDOT.
4. Contractor prices the initial scope with consideration for the fragnet.
5. Contractor reviews the pricing and schedule projections (as the fragnet) with MassDOT.
6. MassDOT and the Contractor review the initial scope - to see if any of that scope needs to be expanded, refined or adjusted.
7. Contractor/Scheduler adjust the pricing and fragnet and submits to MassDOT for review and approval.
8. MassDOT reviews and sends comments / questions (if applicable).
9. Contractor/Scheduler provides a final revision of the full EWO package for MassDOT acceptance/approval. Contractor's Scheduler includes a description of the EWO in the narrative of the current Progress Schedule Update submission.
10. MassDOT reviews and returns (rejects) or accepts with direction to incorporate that EWO fragnet into the next Progress Schedule Update.
11. MassDOT review the EWO, as it is in the Progress Schedule Update, to confirm that it has been inserted properly and that the planned resources (those that were part of the EWO documentation) are being deployed as was planned

9.2 INCORPORATION OF NON-CONFORMANCE/DEFICIENCY REPORTS INTO SCHEDULE

In the event of any need for MassDOT and the Contractor to review the cause and extent (days) of delay to the Critical Path(s), it is vital that all activities and events be recorded in each Progress Schedule Update, TEA (and/or contemporaneous windows analysis). Therefore, the Contractor and MassDOT must periodically review and incorporate all corrections to non-conforming work that may {emphaisis addes} impact the Critical Path. MassDOT realizes that not all NCRs (non-conforming-report) or DRs (deficiency report) need to be incorporated into the Progress Schedule Update --- however, that is the default expectation if both MassDOT and the Contractor

can not agree to which ones need to be inserted into the Project Schedule Update, the TEA, the Recovery Schedule, the fragnet or the Proposal Schedule submissions.

The following is a work-flow for a the development, review and approval of the NCR and/or the DR:

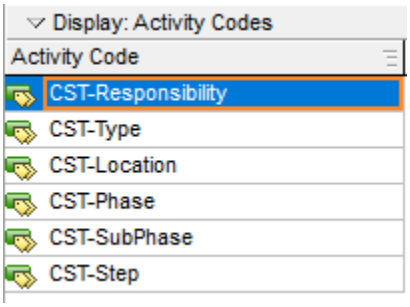
1. An NCR and/or DR is identified with initial scope of the resolution.
2. Contractor reviews the NCR/DR and starts to develop planning to avoid further delays in the Progress Schedule Update.
3. Contractor's Scheduler identifies, from the most recent Progress Schedule Update, the predecessor and successor, that the NCR/DR will be best tied to (optimal) and inserts it into the current Progress Schedule Update submission.
4. Contractor's Schedule includes a description of the NCR/DR in the narrative of the current Progress Schedule Update submission – with a note on the plan to complete that work to avoid further delays to the Critical Paths.
5. Contractor submits the Project Schedule Update submission for review and acceptance.
6. MassDOT reviews and comments on the incorporation fo the NCR/DR.
7. Contractor reviews the schedule review comments (within the typical schedule update process).

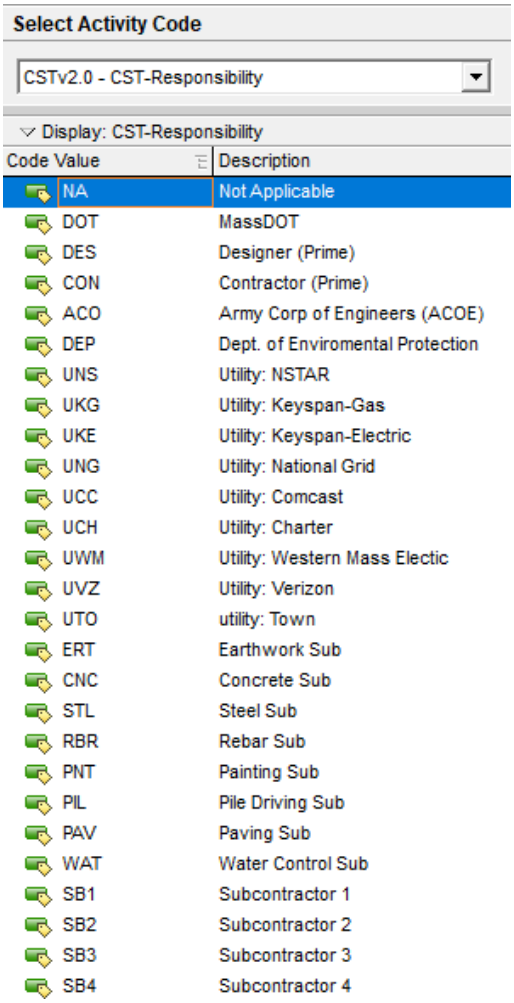
ATTACHMENT A: ACTIVITY CODES

Design-Bid-Build Schedule Template Activity Codes

Listed below are the suggested activity code fields. Each activity in the schedule shall be coded to each of the following activity codes.

The activity codes should be maintained at the Project Level.





Select Activity Code

CSTv2.0 - CST-Type

Display: CST-Type

Code Value	Description
NA	Not Applicable
PRO	Procurement
CONC	Concrete
UTIL	Utility
DEMO	Demolition
SITE	Site Work
PAIN	Painting
STEE	Steel
REBA	Rebar
EART	Earthwork
WATE	Water Control
PAVE	Paving

Select Activity Code

CSTv2.0 - CST-Location

Display: CST-Location

Code Value	Description
Hopkinton	Hopkinton, MA
Marlboro	Marlborough, MA
Quadrant 1	Quadrant 1
Quadrant 2	Quadrant 2
Quadrant 3	Quadrant 3
Quadrant 4	Quadrant 4
Bridge 1	Bridge M-14-012
Bridge 2	Bridge M-14-013
495NB	I-495 Northbound
495SB	I-495 Southbound
Ramp H	Ramp I-90 WB to I-495 NB
495NBMM04-12	I-495 NB between Milemarker 4 to 12

Select Activity Code

CSTv2.0 - CST-Phase

Display: CST-Phase

Code Value	Description
MS	Milestones
PC	Preconstruction
UR	Utility Relocation
CN	Construction
CL	Close Out
PL	Placeholder

Select Activity Code

CSTv2.0 - CST-SubPhase

Display: CST-SubPhase

Code Value	Description
GN	General
CP	Calendar Placeholder
RP	Resource Placeholder
DU	Contract Durations
PR	Procurement
PE	Permit
P01	Phase 1
P02	Phase 2
P03	Phase 3
P04	Phase 4
P05	Phase 5
P06	Phase 6
P07	Phase 7
P08	Phase 8
P09	Phase 9
P10	Phase 10

Select Activity Code

CSTv2.0 - CST-Step

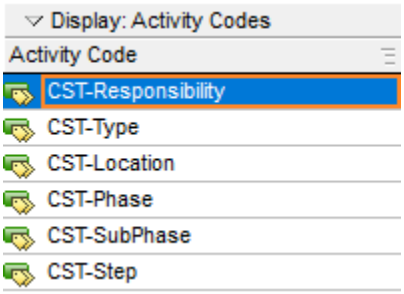
Display: CST-Step

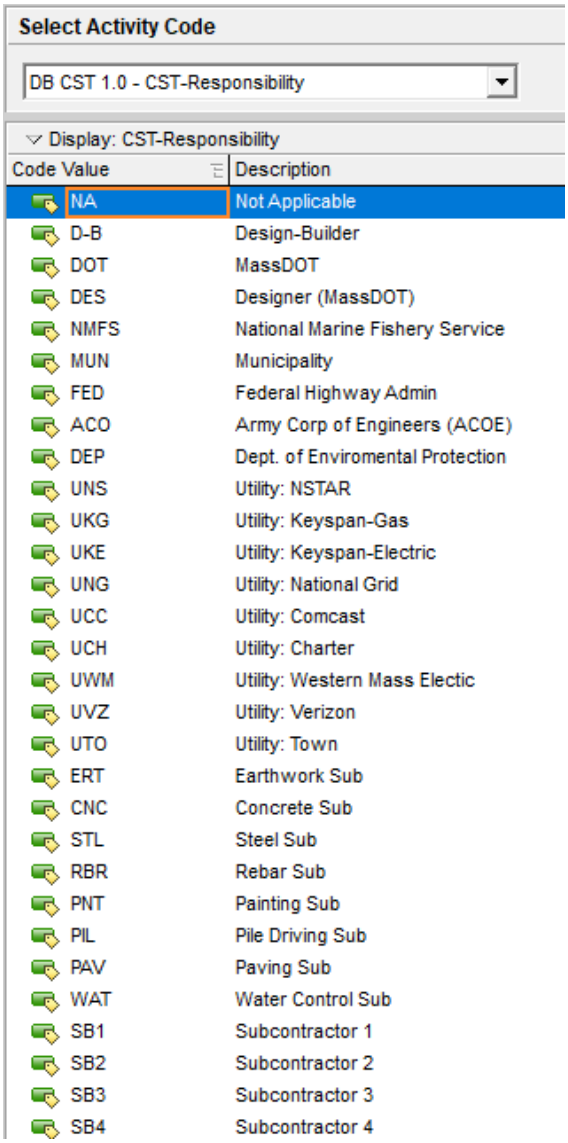
Code Value	Description
SA	Step A
SB	Step B
SC	Step C
SD	Step D
SE	Step E
SF	Step F
SG	Step G
SH	Step H
SI	Step I
SJ	Step J
NOR	North Side
SOU	South Side
EAS	East Side
WES	West Side
NE	Notheast
NS	No Step
NW	Northwest
SEA	Southeast
SW	Southwest
DEM	Demolition Plan
BLS	Baseline Schedule
WNT	Winter Concrete Plan
SEP	Steel Erection Plan
CMD	Concrete Mix Design
WCP	Water Control Plan
HSP	Health & Safety Plan
TCP	Traffic Control Plan
TPD	Temporary Pavement Design
SWP	Storm Water Protection Plan
URP	Utility Relocation & Coordination Plan
STL	Steel Beams
BRR	Bridge Railing
DRA	Drainage Structures
PCD	Precast Decking

Design-Build Schedule Template Activity Codes

Listed below are the suggested activity code fields. Each activity in the schedule shall be coded to each of the following activity codes.

The activity codes should be maintained at the Project Level.





Select Activity Code

DB CST 1.0 - CST-Type

Display: CST-Type

Code Value	Description
NA	Not Applicable
DES	Design
PRO	Procurement
CONC	Concrete
UTIL	Utility
DEMO	Demolition
SITE	Site Work
PAIN	Painting
STEE	Steel
REBA	Rebar
EART	Earthwork
WATE	Water Control
PAVE	Paving

Select Activity Code

DB CST 1.0 - CST-Location

Display: CST-Location

Code Value	Description
Hopkinton	Hopkinton, MA
Marlboro	Marlborough, MA
Quadrant 1	Quadrant 1
Quadrant 2	Quadrant 2
Quadrant 3	Quadrant 3
Quadrant 4	Quadrant 4
Bridge 1	Bridge M-14-012
Bridge 2	Bridge M-14-013
495NB	I-495 Northbound
495SB	I-495 Southbound
Ramp H	Ramp I-90WB to I-495NB
495NBMM04-12	I-495 Northbound between Milemarker 4-12

Select Activity Code

DB CST 1.0 - CST-Phase

Display: CST-Phase

Code Value	Description
PR	D-B Procurement
MS	Milestones
PC	Preconstruction
UR	Utility Relocation
CN	Construction
CL	Close Out
PL	Placeholder

Display: CST-SubPhase

Code Value	Description
GN	General
CP	Calendar Placeholder
RP	Resource Placeholder
DU	Contract Durations
PR	Procurement
PE	Permit
DE	Design
P01	Phase 1
P02	Phase 2
P03	Phase 3
P04	Phase 4
P05	Phase 5
P06	Phase 6
P07	Phase 7
P08	Phase 8
P09	Phase 9
P10	Phase 10

Select Activity Code

DB CST 1.0 - CST-Step

Display: CST-Step

Code Value	Description
NS	No Step
BLS	Baseline Schedule
HSP	Health & Safety Plan
TCP	Traffic Control Plan
WCP	Water Control Plan
URP	Utility Relocation & Coordination Plan
SWP	Storm Water Protection Plan
DEM	Demolition Plan
CMD	Concrete Mix Design
SEP	Steel Erection Plan
STL	Steel Beams
BRR	Bridge Railing
PCD	Precast Decking
DRA	Drainage Structures
WNT	Winter Concrete Plan
TPD	Temporary Pavement Design
SA	Step A
SB	Step B
SC	Step C
SD	Step D
SE	Step E
SF	Step F
SG	Step G
SH	Step H
SI	Step I
SJ	Step J
NOR	North Side
SOU	South Side
EAS	East Side
WES	West Side
NE	Notheast
NW	Northwest
SEA	Southeast
SW	Southwest

ATTACHMENT B: GUIDE TO ASSIGNING A BASELINE

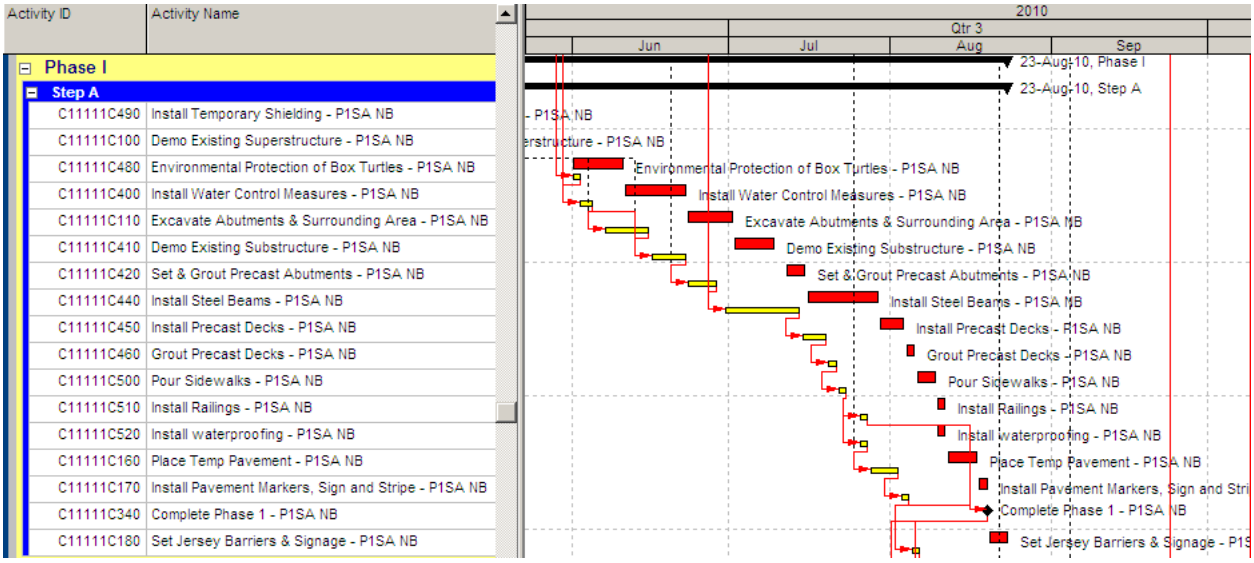
1. INTRODUCTION

WHAT IS A BASELINE COMPARISON (OR TARGET COMPARISON)?

A 'baseline comparison' is a graphical and tabular display of current period versus previous schedule information. This provides both the Contractor and Owner with an ability to readily compare current project status to previous forecasts, using the past month schedule submission. From this information, changes in activity durations, schedule logic/relationship, remaining duration, added/deleted activities, activity criticality (total float), and many other important schedule issues *('open ends, etc.)* and will be readily identifiable for discussion, comment, rejection, or acceptance.

For clarification purposes: Primavera 6 uses the term "baseline" for the project file(s) that is being compared against. Primavera 3 (P3) used the term "target" for the same purpose. This document will use the term "baseline". However, it should be noted that this does not signify that it is necessarily the "project baseline" which is submitted at start of a project.

An example is shown below:



Red Bars – Current Schedule: show the Current Schedule File Submission (Jun 2010)

Yellow Bars – Baseline Schedule: show the Previous Month Schedule Submission (May 2010)

2. HOW TO CREATE & ASSIGN A BASELINE

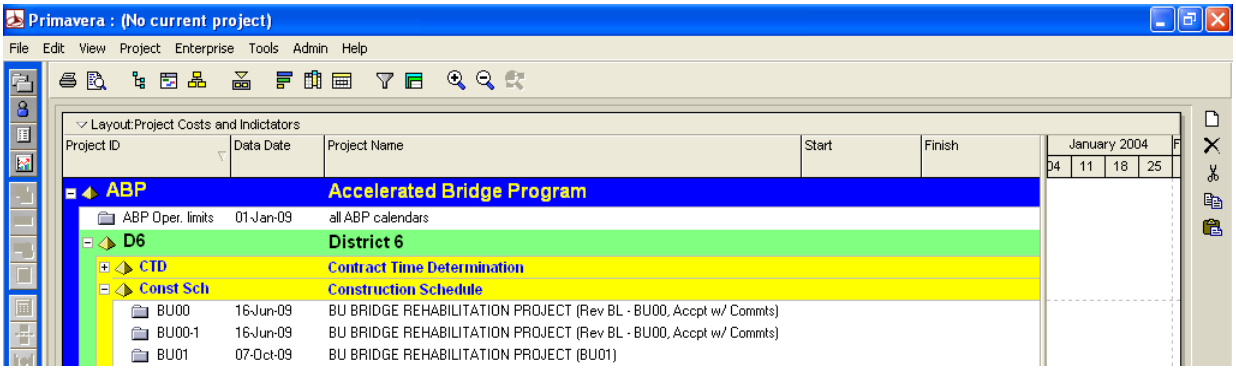
1.1 CREATE COPY OF PREVIOUS SCHEDULE

The first step in establishing a baseline to a schedule is to make a copy of the project schedule file that will be established as the baseline.

1. Within the 'Projects' view, Select project you would like to establish as the baseline
2. Ensure the project is open, Right click, Copy the project
3. Paste the schedule back into the project list.
    a. Options: Select the options you would like to copy (normally using the default options is ok).
    b. The copied file will be named with the same name as the original with an '-1' as a suffix (or sequential increase).
4. Rename the file to ensure proper identification: Example:
    a. If original file name is: "UP04rev00 Town Bridge"
    b. New copy should be names "UP04rev00 Copy Town Bridge

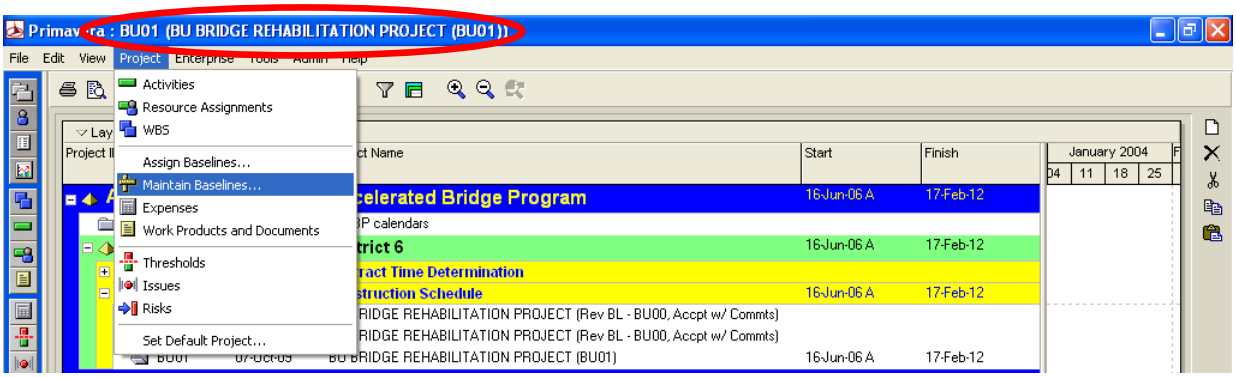
1.2 MAINTAIN A BASELINE

1. In this scenario, BU01 will be our Current Schedule and BU00-1 will be the Baseline (also known as target). To begin, ensure no projects are open. Then open the current project schedule (BU01).

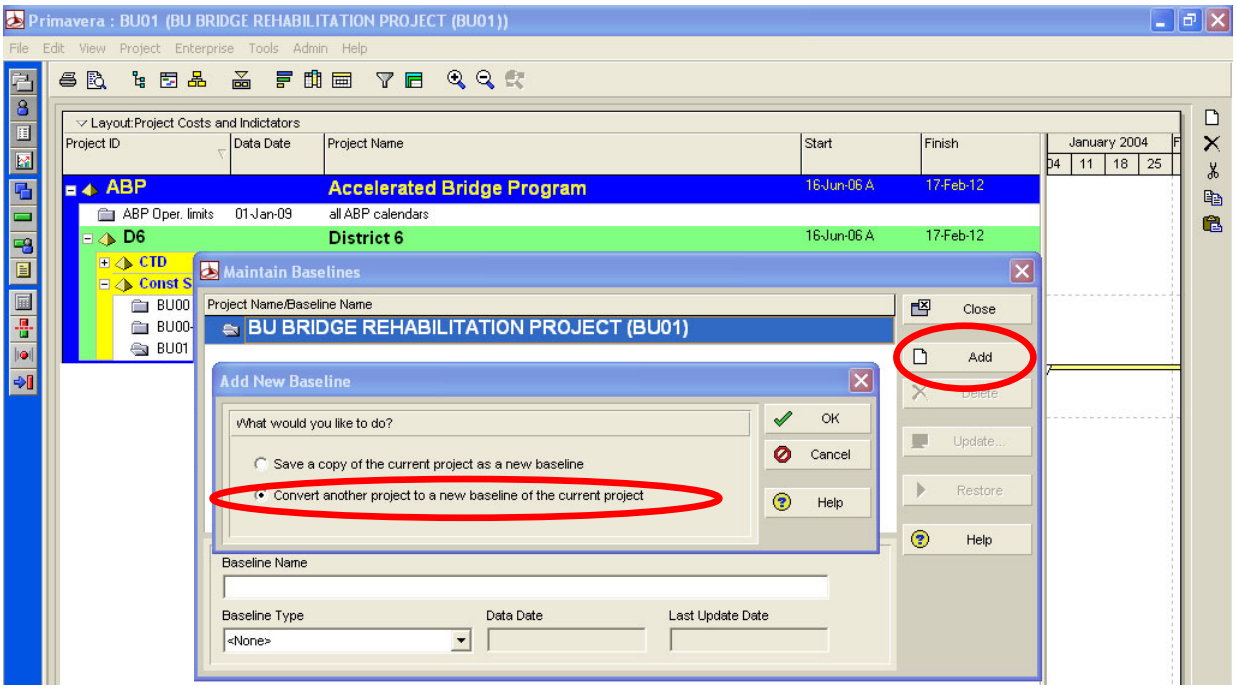


2. Choose Project, Maintain Baselines…

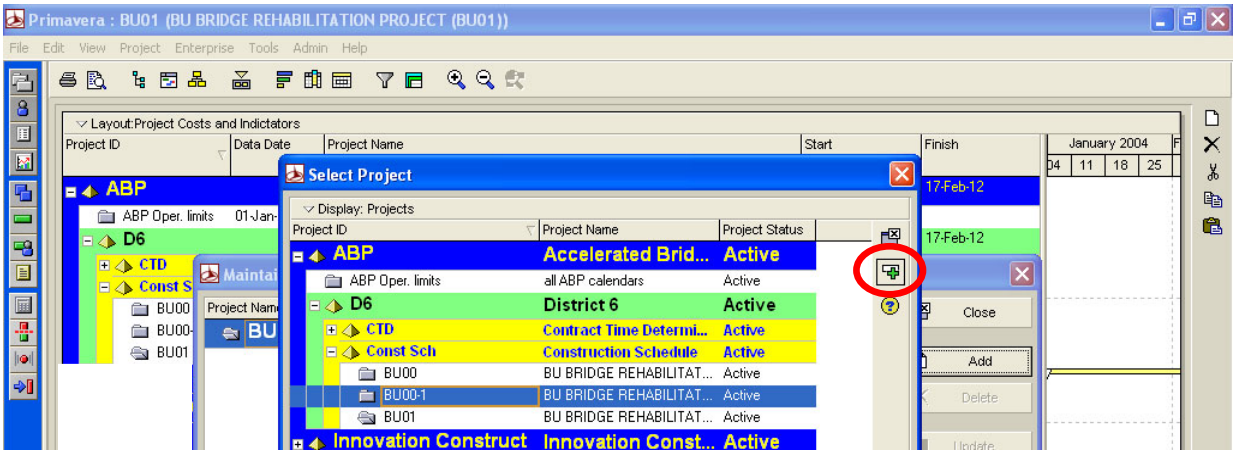
    2.1. In this example, Project BU01 is open



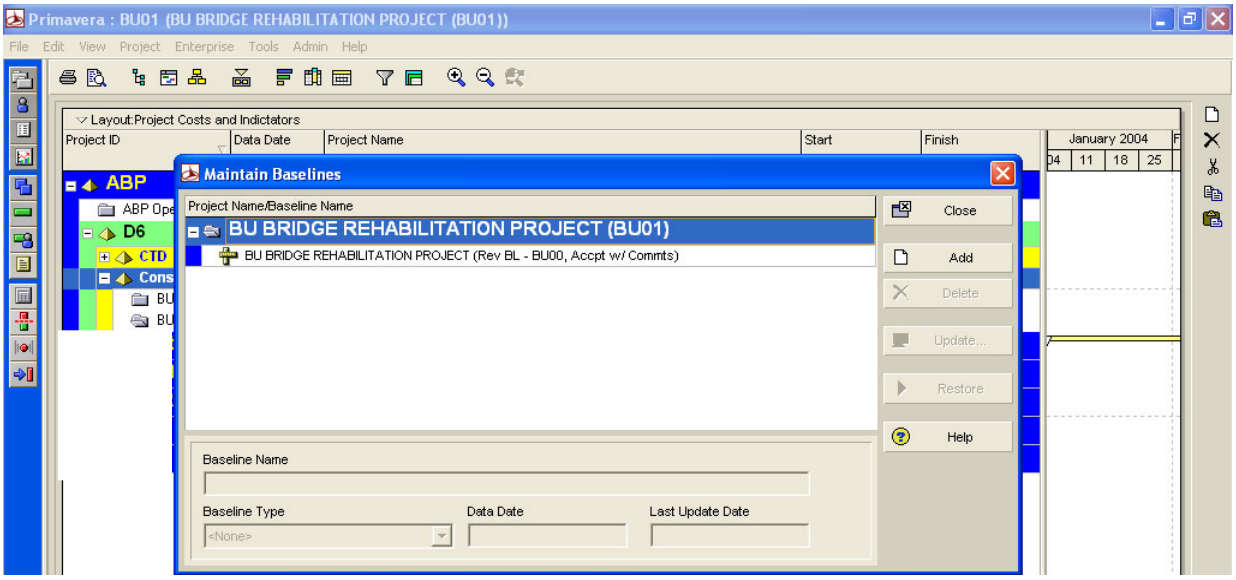
3. Click Add and choose to Convert another project to a new baseline of the current project



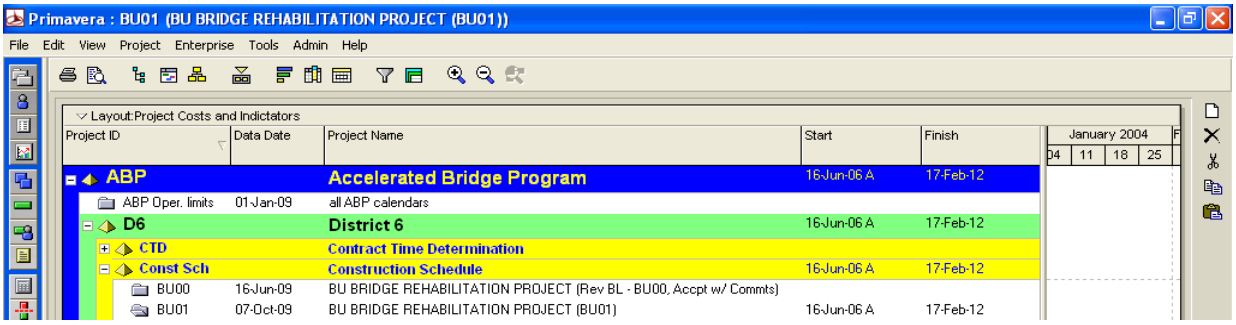
4. Select the project in the Select Project dialog box, choose “BU00-1” and then click the Select button



5. Now the current schedule (BU01) contains a baseline schedule (BU00). Click Close



6. Once you convert a project to a baseline, it is no longer available in project window (Project ID BU00-1 has been vanished).



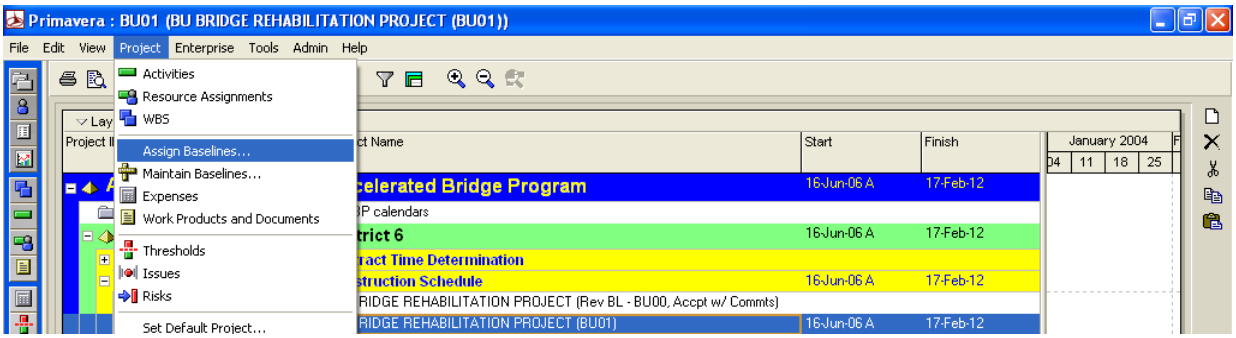
Note: When you choose to convert another project to a baseline, the project you want to convert cannot be open or have baselines assigned to it.

1.3 ASSIGNING A BASELINE

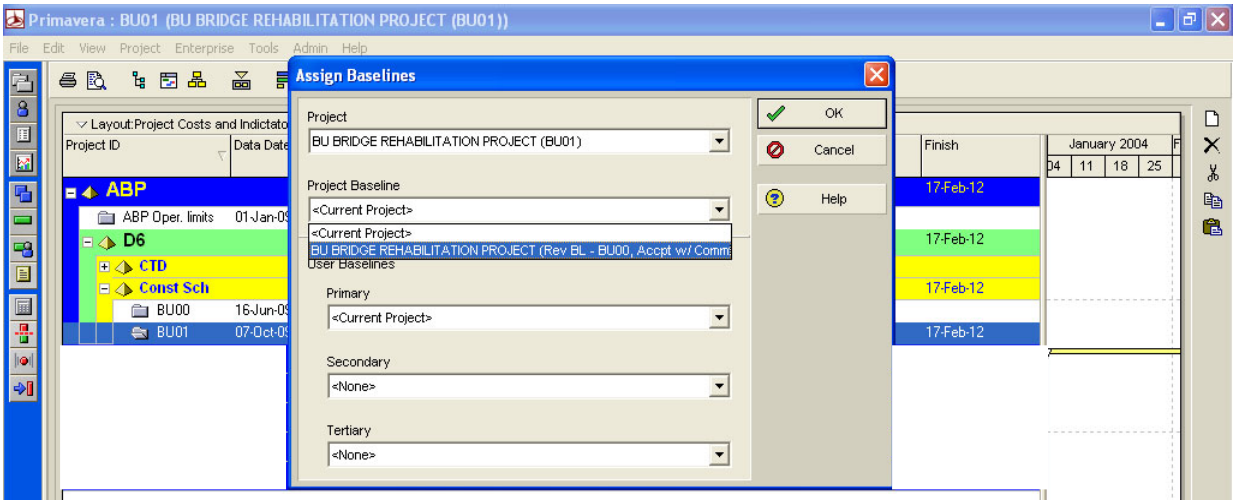
P.6 allows you to assign up to four baselines to the current schedule. The four types of baseline are Project Baseline, Primary, Secondary and Tertiary. If you do not select a baseline to use, the current project is used by default.

1. Open the current schedule (BU01). It should have been opened from creating a baseline.

2. Choose Project, Assign Baselines…



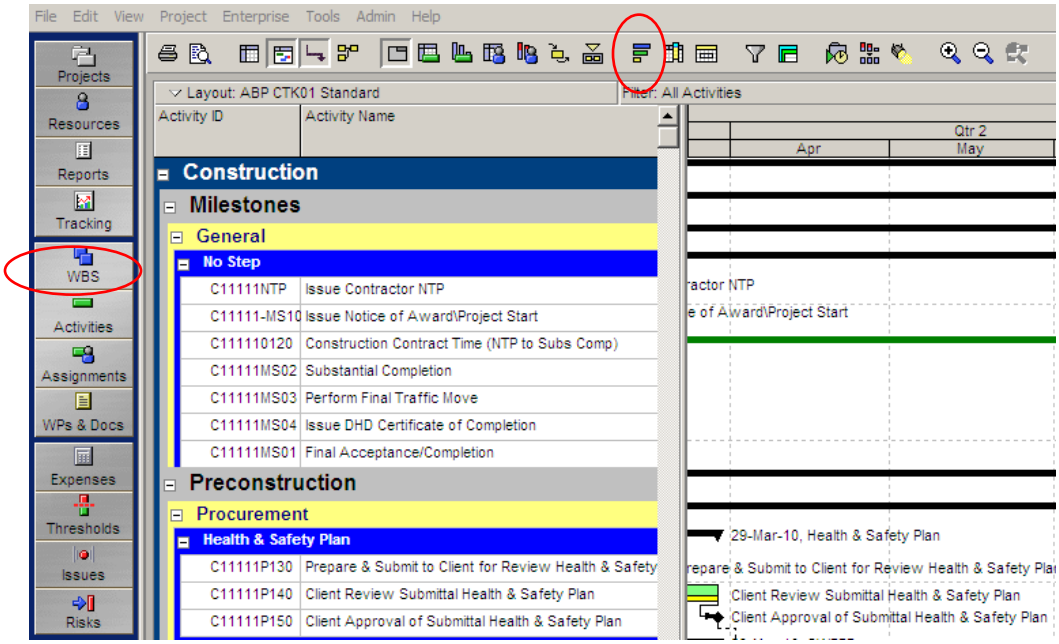
3. In the Project Baseline field, select the project to which you want to assign a baseline. And then click OK.



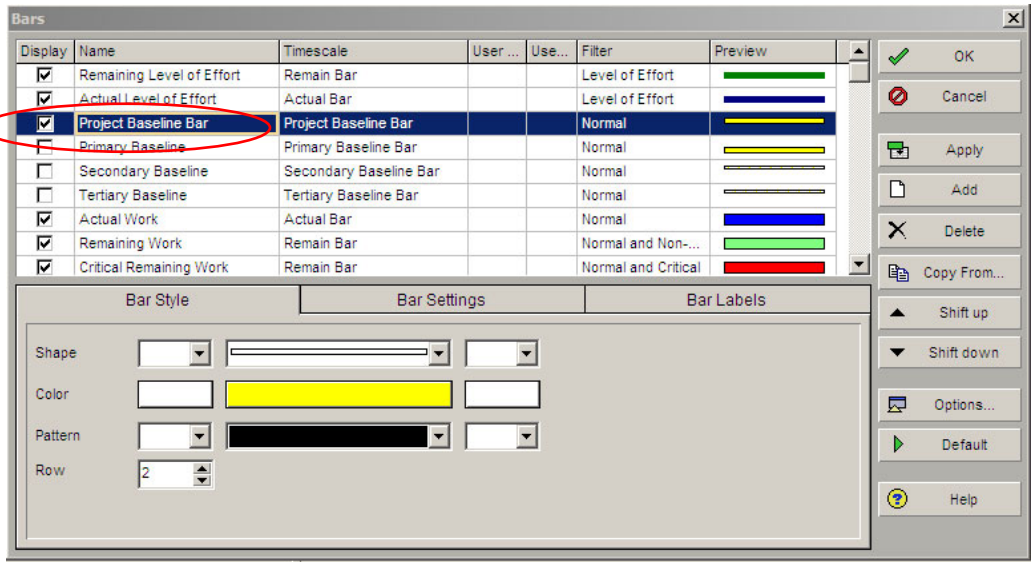
4. Now, the baseline (BU00) has assigned to the current schedule (BU01).

2 HOW TO CUSTOMIZE THE CURRENT AND BASELINE BARS

1. With our current schedule open (BU01), select the "activity view" from the left column, then "format bars" from the top row.



2. The select the box for "Project Baseline Bar". From this window, you can edit the color, size, etc of the baseline bar.



3. Further modifications may be necessary to ensure the row height is adequate.

3 REPORTING

3.1 HOW TO CUSTOMIZE THE CURRENT AND TARGET TABLE INFORMATION

In order for the target comparison report to be complete, there needs to be some time spent customizing the table information for proper comparison. It is necessary to customize and label the current schedule data vs. the previous schedule data and all of the applicable tabular information for the Resident Engineer.

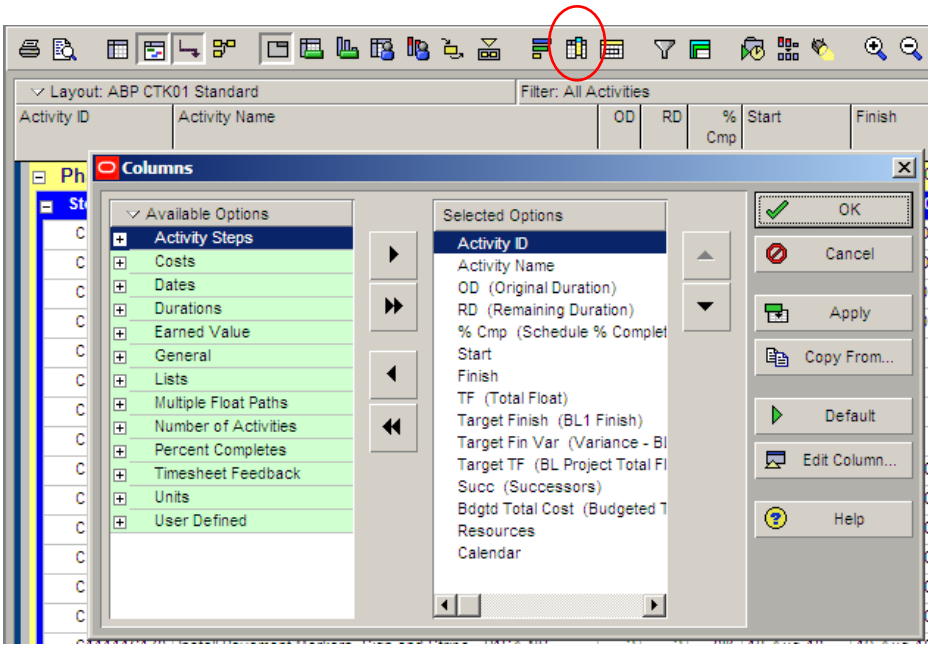
At a minimum, the following tabular data will need to be provided: *Activity ID, Activity Name, Original Duration, Remaining Duration, % Complete, Current Early Start, Current Early Finish, Current Total Float, Previous Early Finish, and Variance to Early Finish. Previous Total Float, Successor, Budgeted Total Cost, Resource, and Calendar.*

This has been fully developed in the Layout titled: "Current vs Baseline Schedule Analysis", as shown below.

Layout: Current vs Baseline Schedule Analysis | Filter: All Activities

Activity ID	Activity Name	Original Duration	Remaining Duration	Schedule % Complete	Early Start	Early Finish	Total Float	BL1 Finish	Variance - BL1 Finish Date	BL Project Total Float	Budgeted Total Cost	Resources	Calendar
CSTv2.0		467	467	100%	01-Jan-23	14-Nov-24	0	14-Jun-23	-354		$50,000.00		
Milestones		684	684	0%	01-Jan-23	14-Nov-24	0	14-Jun-23	-519		$0.00		Cal04-7d/24hr/No Hol (Mile
General		684	684	0%	01-Jan-23	14-Nov-24	0	14-Jun-23	-519		$0.00		Cal04-7d/24hr/No Hol (Mile
ContractNo_NTP	Issue Contractor NTP	0	0	100%	01-Jan-23		-2		-365	48	$0.00		Cal04-7d/24hr/No Hol (Milestones)
ContractNo_MS02	MS#02 - Substantial Completion	0	0	0%		01-Oct-24	1	10-Apr-23	-540	0	$0.00		Cal04-7d/24hr/No Hol (Milestones)
ContractNo_MS01	MS#01 - Contractor Field Completion	0	0	0%		14-Nov-24	0	14-Jun-23	-519	0	$0.00		Cal04-7d/24hr/No Hol (Milestones)
ContractNo_MS04	MS#04 - Perform Final Traffic Move	0	0	0%		31-Aug-24	0	10-Apr-23	-508	0	$0.00		Cal04-7d/24hr/No Hol (Milestones)
ContractNo_AR01	Access Restraint: Relocate Util before Bridge Demo	0	0	100%	02-Aug-23		-1		-366	3	$0.00		Cal04-7d/24hr/No Hol (Milestones)
ContractNo_MS03	MS#03 - Full Beneficial Use	0	0	0%		31-Aug-24	0	10-Apr-23	-508	0	$0.00		Cal04-7d/24hr/No Hol (Milestones)
Durations		684	684	0%	01-Jan-23	14-Nov-24	0	14-Jun-23	-519		$0.00		Cal04-7d/24hr/No Hol (Mile
ContractNo_1020	Construction Contract Duration (NTP to CFC)	684	684	68.89%	01-Jan-23	14-Nov-24	0	14-Jun-23	-519	0	$0.00		Cal04-7d/24hr/No Hol (Milestones)
ContractNo_1010	Construction Contract Duration (NTP to SC)	640	640	78.54%	01-Jan-23	01-Oct-24	1	10-Apr-23	-540	0	$0.00		Cal04-7d/24hr/No Hol (Milestones)
ContractNo_1030	Construction Contract Duration (NTP to AR01)	214	214	100%	01-Jan-23	02-Aug-23	-1	31-Jul-22	-367	3	$0.00		Cal04-7d/24hr/No Hol (Milestones)
ContractNo_1000	Construction Contract Duration (NTP to FBU)	608	608	78.54%	01-Jan-23	31-Aug-24	0	10-Apr-23	-508	0	$0.00		Cal04-7d/24hr/No Hol (Milestones)
Project Wide		0	0	0%			0				$0.00		
Preconstruction		131	131	0%	01-Jan-23	12-Jul-23	285	12-Jul-22	-249		$0.00		
ContractNo_PreCon	Pre-Construction Meeting	1	1	100%	03-Jan-23	03-Jan-23	14	10-Jan-22	-244	101	$0.00		Cal01-5d/8hr/12hol

The tabular data can be formatted using the "format columns" icon below:



3.2 REPORT FORMATTING

1. Each schedule printout should contain a minimum amount of information to allow for proper identification of the paper schedule, this information is normally presented in the header or footer. Please include the following information:

    a. Project Number and Name
    b. Contractor Name and Schedule Consultant (if applicable)
    c. Data Date, Run Date
    d. Layout Name, Filter Name
    e. Project Start Date, Project Finish Date.
    f. Any applicable comments
    g. Page Numbers

2. This information built into each layout provided in the Contractor Schedule Toolkit template files. It is suggested that the Contractor open the “Current vs Baseline Schedule Analysis” layout and select “save as” to create layouts for their own use and benefit.

ATTACHMENT C: GUIDE TO COST & RESOURCE LOADING

1. INTRODUCTION

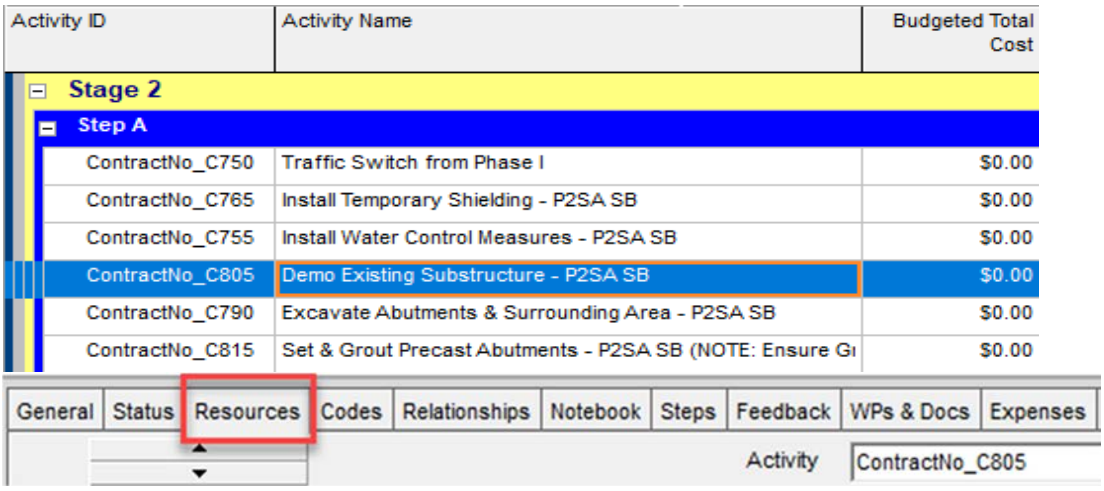
1.1 ASSIGNING COST & RESOURCES

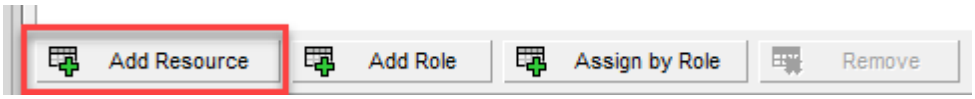
As part of the Construction Baseline Schedule development, the schedule shall be cost and resource loaded at the activity level, as described in the Schedule Specifications Section 8.02 and 722.

The following guide helps demonstrate one methodology that provides adequate cost and resource loading in Primavera P6. This document is a recommendation only, Specification Section 8.02 and 722 shall control.

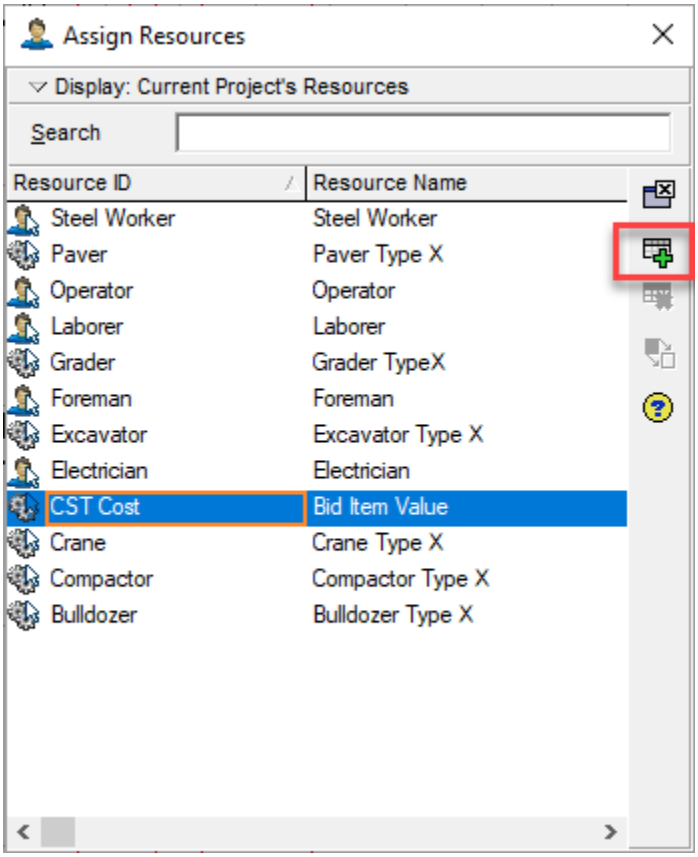
2. COST LOADING

1. General Comments:
    a. The cost loaded schedule should represent how the bid price translates to schedule and to each individual activity.
    b. Each bid item presented in the schedule should summarize to the total value that was presented in the Contractor's bid.
    c. Cost loading must occur at the activity level.
    d. For all activities that require cost to complete should be cost loaded.
    e. No individual activity should be cost loaded for more than $50,000, per the specification.
    f. Depending on the type of activity, multiple bid items may be applied to a single activity in order to capture the full cost of construction.
        i. For example: An activity of "Installation of Drainage Pipe" may be assigned the following bid items: Excavation, Place stone bed, Install pipe, Backfill, and Compaction.
2. Process:
    a. Once the CPM schedule has been developed, calculated, and verified, the Contractor should begin to add the appropriate Resource ID representing the Cost to each activity.
        i. Select the Activity
        ii. Select the Resources Tab
        iii. Select Add Resource

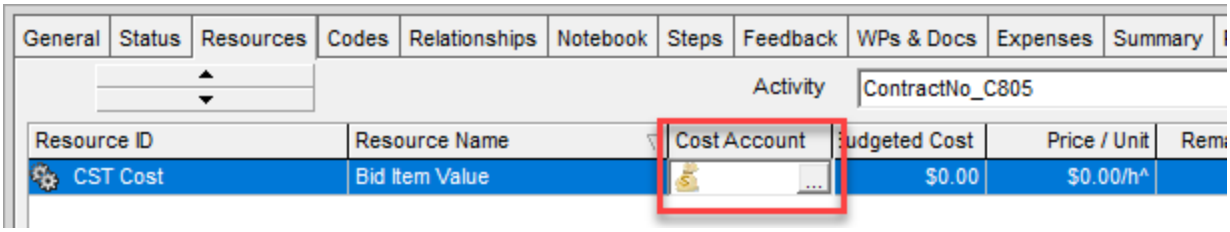


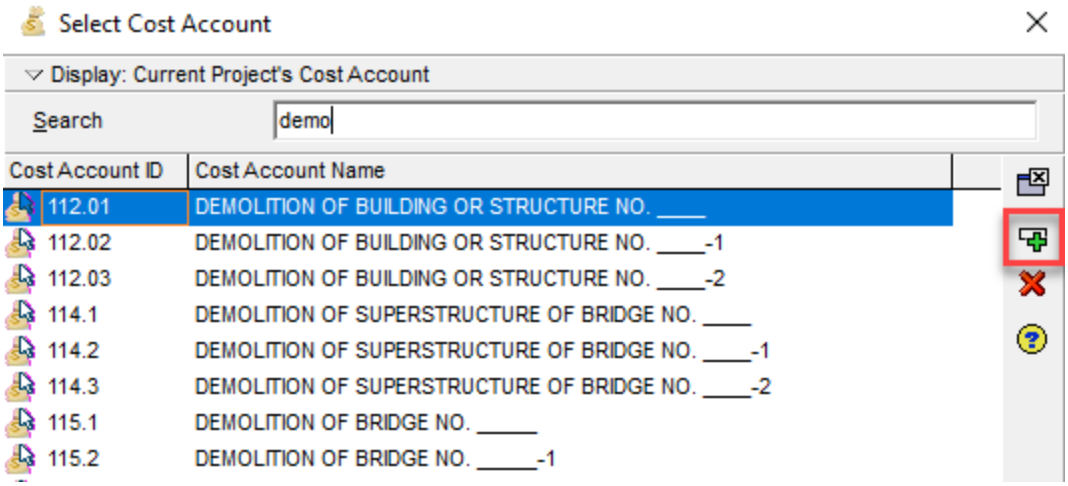


b. Begin by selecting a Resource ID of “CST Cost”. Click “Assign” to add.

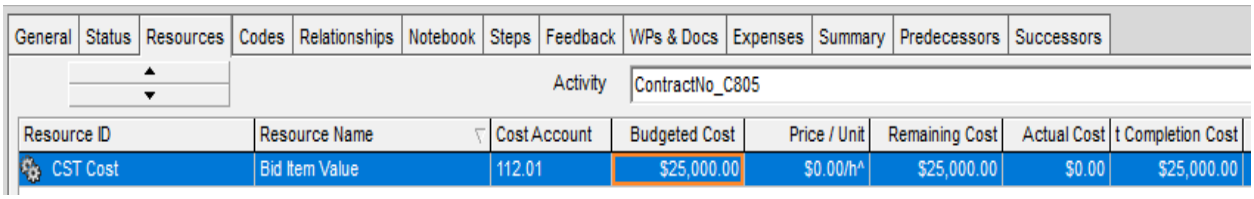


c. Once a Resource ID of “CST Cost” is assigned, select a “Cost Account” equal to the Bid Items associated with the activity. In this case, “Demo Existing Superstructure”. In this case only one bid item applies.
   i. It may be helpful to use the search feature to find the correct bid item, begin by typing a key term, in this case: ‘demo’
   ii. Find the appropriate bid item and Click “Assign” to add.





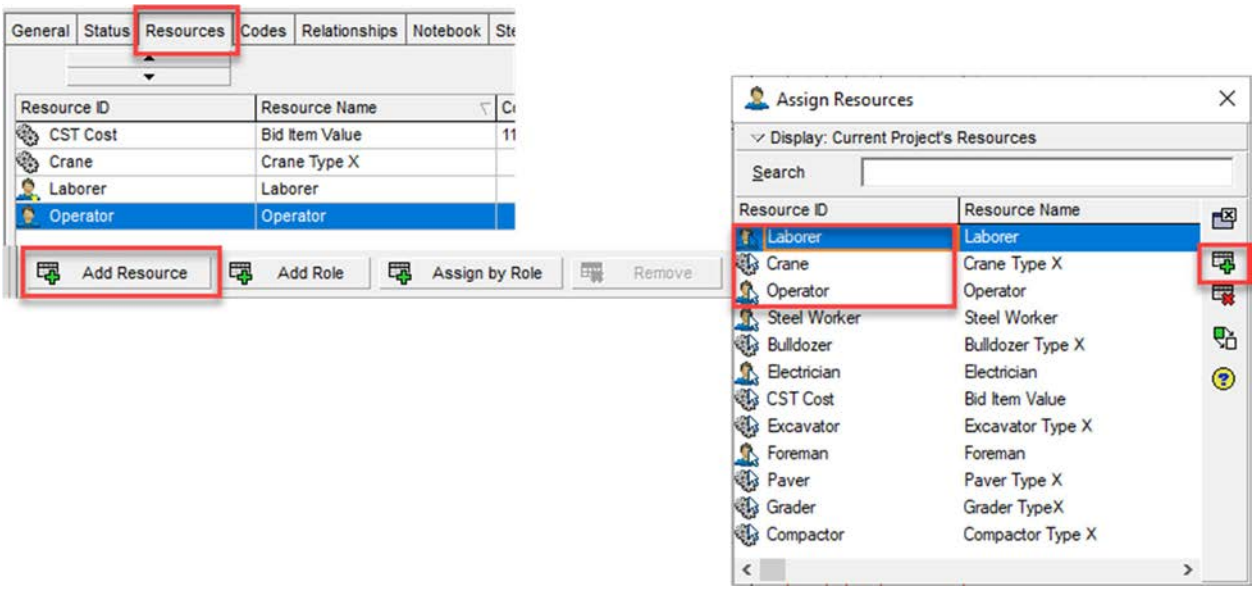
d. Assigning Budget Value
   i. Once the Cost Account is assigned, type in the cost for this item in the "Budgeted Account" field.
   ii. Price/Unit can be left blank as only the total budgeted cost will be entered (no need to enter price/units, etc)



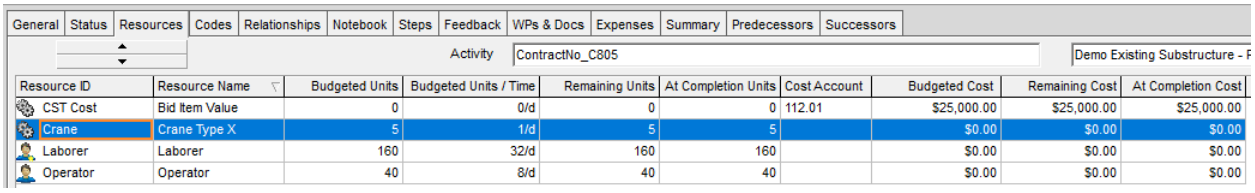
3. RESOURCES

1. General Notes:
    a. Resource loading is required for both labor and major equipment.
        i. Labor:
            1. All planned labor resources should be loaded to all activities in the schedule, as required.
            2. Labor resources must be loaded including both the General Contractor and all Subcontractors work.
            3. Labor resources must be loaded to the individual labor trade. For example, laborers, operators, carpenters, etc.
            4. Labor resources are recommended to be loaded using a unit of man-hours. , Alternatively, 'crew-loading' can be used, if the narrative provides details on the components of all crews.
            5. The intent is to assign the total number of manhours required to complete each activity as a resource to the activity.
        ii. Equipment:
            1. The intent is to tack major equipment items only.
            2. Major equipment includes, but is not limited to: cranes, excavators, bulldozers, compactors, graders, etc.
            3. Please assign the total number of days (or hours) of usage to each activity as a resource to the activity. The narrative should described the unit of measurement, hours or days.
2. Process:
    a. Add the appropriate Resource ID of Equipment and Labor to each activity.
        i. Select the Activity
        ii. Select the Resources Tab
        iii. Select Add Resource
            1. Find the appropriate Labor and Equipment resources needed to complete this task.
            2. For this activity, we will need 4 laborers, 1 operator and 1 crane.
            3. We select each resource independently and select "Assign", repeat for each.

Activity ID	Activity Name	Budgeted Total Cost
Stage 2		
Step A		
ContractNo_C750	Traffic Switch from Phase I	$0.00
ContractNo_C765	Install Temporary Shielding - P2SA SB	$0.00
ContractNo_C755	Install Water Control Measures - P2SA SB	$0.00
ContractNo_C805	Demo Existing Substructure - P2SA SB	$0.00
ContractNo_C790	Excavate Abutments & Surrounding Area - P2SA SB	$0.00
ContractNo_C815	Set & Grout Precast Abutments - P2SA SB (NOTE: Ensure Gı	$0.00

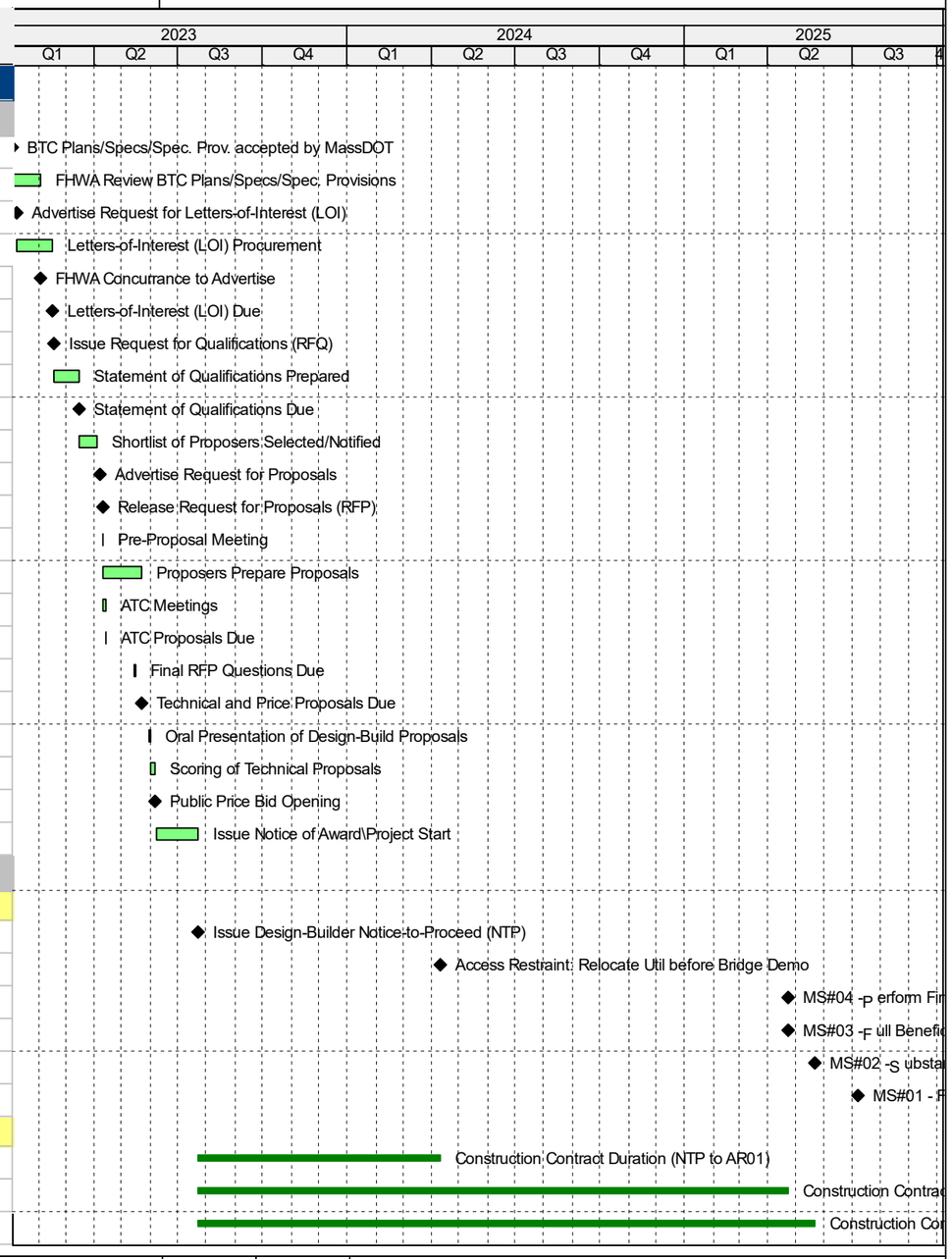


3. Assigning the correct "Budgeted Units"
    a. Manpower
        i. Manpower should be tracked in total number of labor-hours for the resource/activity.
        ii. For Laborer: This activity requires 4 laborers at 8 hours/day and 5 days (4*8*5)= 160 units (total hours)
        iii. For Operator: This activity requires 1 operator at 8 hours/day and 5 days (1*8*5)= 40 units (total hours)
    b. Equipment
        i. Equipment should be tracked by days of usage.
        ii. This task will require only one piece of major equipment – a crane.
        iii. For Crane: This activity requires 1 crane for each of the 5 days (1*5)= 5 units (crane-days)



ATTACHMENT D: PRIMAVERA SCHEDULE REPORTS

Activity ID	Activity Name	OD	Start	Finish	Calendar
Design-Build CSTv1.0					
Design-Build Contract Procurement					
ContractNo_Prelim	BTC Plans/Specs/Spec. Prov. accepted by MassDOT	0	03-Jan-23		Cal01-5d/8hr/12hol
ContractNo_Prelim10	FHWA Review BTC Plans/Specs/Spec. Provisions	30	03-Jan-23	01-Feb-23	Cal03A -7 d/8hr/No Holiday
ContractNo_LOI	Advertise Request for Letters-of-Interest (LOI)	0	07-Jan-23		Cal19 -S aturday Only (Adv
ContractNo_LOIP	Letters-of-Interest (LOI) Procurement	40	07-Jan-23	15-Feb-23	Cal03A -7 d/8hr/No Holiday
ContractNo_RFP20	FHWA Concurrance to Advertise	0		01-Feb-23	Cal01-5d/8hr/12hol
ContractNo_LOID	Letters-of-Interest (LOI) Due	0		15-Feb-23	Cal01-5d/8hr/12hol
ContractNo_RFQ	Issue Request for Qualifications (RFQ)	0	16-Feb-23		Cal01-5d/8hr/12hol
ContractNo_RFQP	Statement of Qualifications Prepared	28	16-Feb-23	15-Mar-23	Cal03A -7 d/8hr/No Holiday
ContractNo_RFQD	Statement of Qualifications Due	0		15-Mar-23	Cal01-5d/8hr/12hol
ContractNo_ShList	Shortlist of Proposers Selected/Notified	20	16-Mar-23	04-Apr-23	Cal03A -7 d/8hr/No Holiday
ContractNo_RFP10	Advertise Request for Proposals	0	08-Apr-23		Cal19 -S aturday Only (Adv
ContractNo_RFP	Release Request for Proposals (RFP)	0	10-Apr-23		Cal01-5d/8hr/12hol
ContractNo_RFPP20	Pre-Proposal Meeting	1	10-Apr-23	10-Apr-23	Cal01-5d/8hr/12hol
ContractNo_RFPP	Proposers Prepare Proposals	43	10-Apr-23	22-May-23	Cal03A -7 d/8hr/No Holiday
ContractNo_RFPP30	ATC Meetings	3	11-Apr-23	13-Apr-23	Cal01-5d/8hr/12hol
ContractNo_RFPP50	ATC Proposals Due	1	14-Apr-23	14-Apr-23	Cal01-5d/8hr/12hol
ContractNo_RFPP40	Final RFP Questions Due	1	15-May-23	15-May-23	Cal01-5d/8hr/12hol
ContractNo_RFPP10	Technical and Price Proposals Due	0		22-May-23	Cal01-5d/8hr/12hol
ContractNo_RFPD00	Oral Presentation of Design-Build Proposals	2	31-May-23	01-Jun-23	Cal01-5d/8hr/12hol
ContractNo_RFPD10	Scoring of Technical Proposals	2	02-Jun-23	05-Jun-23	Cal01-5d/8hr/12hol
ContractNo_BID	Public Price Bid Opening	0		06-Jun-23	Cal01-5d/8hr/12hol
ContractNo_NOA	Issue Notice of Award\Project Start	45	08-Jun-23	22-Jul-23	Cal03A -7 d/8hr/No Holiday
Milestones					
General					
ContractNo_NTP	Issue Design-Builder Notice-to-Proceed (NTP)	0	22-Jul-23		Cal04-7d/24Hr/No Hol (Mile
ContractNo_AR01	Access Restraint: Relocate Util before Bridge Demo	0	10-Apr-24		Cal04-7d/24Hr/No Hol (Mile
ContractNo_MS04	MS#04 -P erform Final Traffic Move	0		23-Apr-25	Cal04-7d/24Hr/No Hol (Mile
ContractNo_MS03	MS#03 -F ull Beneficial Use (FBU)	0		23-Apr-25*	Cal04-7d/24Hr/No Hol (Mile
ContractNo_MS02	MS#02 -S ubstantial Completion (SC)	0		22-May-25*	Cal04-7d/24Hr/No Hol (Mile
ContractNo_MS01	MS#01 -F ield Completion (CFC)	0		08-Jul-25*	Cal04-7d/24Hr/No Hol (Mile
Durations					
ContractNo_1030	Construction Contract Duration (NTP to AR01)	263	22-Jul-23	10-Apr-24	Cal04-7d/24Hr/No Hol (Mile
ContractNo_1000	Construction Contract Duration (NTP to FBU)	641	22-Jul-23	23-Apr-25	Cal04-7d/24Hr/No Hol (Mile
ContractNo_1010	Construction Contract Duration (NTP to SC)	670	22-Jul-23	22-May-25	Cal04-7d/24Hr/No Hol (Mile



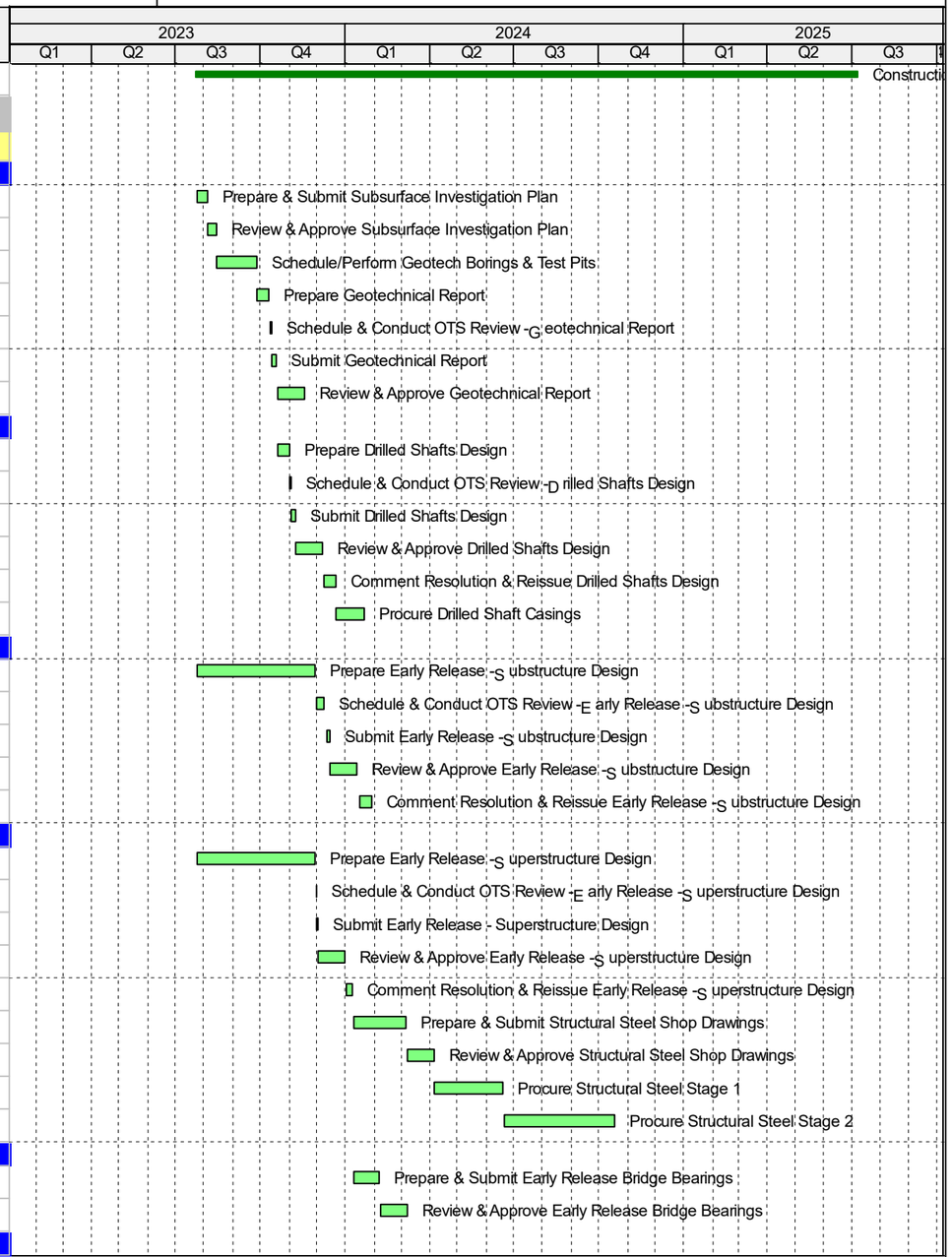
Remaining Level of Effort ◆ Milestone
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work

Layout = CST01-Baseline-All, Filter = TASK filter: All Activities
Data Date = 01-Jan-23, Run Date = 27-Jul-23, 09:50
Project Start = 01-Jan-23 Project Finish = 08-Jul-25

Date	Revision	Checked	Approved

Prepared by MassDOT Highway

Activity ID	Activity Name	OD	Start	Finish	Calendar
ContractNo_1020	Construction Contract Duration (NTP to CFC)	717	22-Jul-23	08-Jul-25	Cal04-7d/24Hr/No Hol (Mile
Submittals & Procurements					
Early Release Design Packages					
Geotechnical Report					
ContractNo_2640	Prepare & Submit Subsurface Investigation Plan	10	24-Jul-23	04-Aug-23	Cal01-5d/8hr/12hol
ContractNo_2660	Review & Approve Subsurface Investigation Plan	10	05-Aug-23	14-Aug-23	Cal03A -7 d/8hr/No Holiday:
ContractNo_2650	Schedule/Perform Geotech Borings & Test Pits	30	15-Aug-23	26-Sep-23	Cal01-5d/8hr/12hol
ContractNo_1680	Prepare Geotechnical Report	9	27-Sep-23	10-Oct-23	Cal01-5d/8hr/12hol
ContractNo_1950	Schedule & Conduct OTS Review -G eotechnical Report	2	11-Oct-23	12-Oct-23	Cal01-5d/8hr/12hol
ContractNo_1940	Submit Geotechnical Report	4	13-Oct-23	18-Oct-23	Cal01-5d/8hr/12hol
ContractNo_2050	Review & Approve Geotechnical Report	30	19-Oct-23	17-Nov-23	Cal03A -7 d/8hr/No Holiday:
Drilled Shafts					
ContractNo_1740	Prepare Drilled Shafts Design	10	19-Oct-23	01-Nov-23	Cal01-5d/8hr/12hol
ContractNo_1990	Schedule & Conduct OTS Review -D rilled Shafts Design	1	02-Nov-23	02-Nov-23	Cal01-5d/8hr/12hol
ContractNo_1980	Submit Drilled Shafts Design	3	03-Nov-23	07-Nov-23	Cal01-5d/8hr/12hol
ContractNo_2060	Review & Approve Drilled Shafts Design	30	08-Nov-23	07-Dec-23	Cal03A -7 d/8hr/No Holiday:
ContractNo_1750	Comment Resolution & Reissue Drilled Shafts Design	10	08-Dec-23	21-Dec-23	Cal01-5d/8hr/12hol
ContractNo_1890	Procure Drilled Shaft Casings	30	22-Dec-23	20-Jan-24	Cal03A -7 d/8hr/No Holiday:
Substructure Rebar					
ContractNo_1780	Prepare Early Release -S ubstructure Design	90	24-Jul-23	29-Nov-23	Cal01-5d/8hr/12hol
ContractNo_2010	Schedule & Conduct OTS Review -E arly Release -S ubstructure Design	7	30-Nov-23	08-Dec-23	Cal01-5d/8hr/12hol
ContractNo_2000	Submit Early Release -S ubstructure Design	4	11-Dec-23	14-Dec-23	Cal01-5d/8hr/12hol
ContractNo_2070	Review & Approve Early Release -S ubstructure Design	30	15-Dec-23	13-Jan-24	Cal03A -7 d/8hr/No Holiday:
ContractNo_1790	Comment Resolution & Reissue Early Release -S ubstructure Design	10	16-Jan-24	29-Jan-24	Cal01-5d/8hr/12hol
Structural Steel					
ContractNo_1760	Prepare Early Release -S uperstructure Design	90	24-Jul-23	29-Nov-23	Cal01-5d/8hr/12hol
ContractNo_1970	Schedule & Conduct OTS Review -E arly Release -S uperstructure Design	1	30-Nov-23	30-Nov-23	Cal01-5d/8hr/12hol
ContractNo_1960	Submit Early Release -S uperstructure Design	1	01-Dec-23	01-Dec-23	Cal01-5d/8hr/12hol
ContractNo_1770	Review & Approve Early Release -S uperstructure Design	30	02-Dec-23	31-Dec-23	Cal03A -7 d/8hr/No Holiday:
ContractNo_2040	Comment Resolution & Reissue Early Release -S uperstructure Design	5	02-Jan-24	08-Jan-24	Cal01-5d/8hr/12hol
ContractNo_1710	Prepare & Submit Structural Steel Shop Drawings	40	09-Jan-24	06-Mar-24	Cal01-5d/8hr/12hol
ContractNo_1720	Review & Approve Structural Steel Shop Drawings	30	07-Mar-24	05-Apr-24	Cal03A -7 d/8hr/No Holiday:
ContractNo_1730	Procure Structural Steel Stage 1	75	06-Apr-24	19-Jun-24	Cal03A -7 d/8hr/No Holiday:
ContractNo_1800	Procure Structural Steel Stage 2	120	20-Jun-24	17-Oct-24	Cal03A -7 d/8hr/No Holiday:
Bridge Bearings Design					
ContractNo_1830	Prepare & Submit Early Release Bridge Bearings	20	09-Jan-24	06-Feb-24	Cal01-5d/8hr/12hol
ContractNo_1840	Review & Approve Early Release Bridge Bearings	30	07-Feb-24	07-Mar-24	Cal03A -7 d/8hr/No Holiday:
Bridge Scuppers Design					



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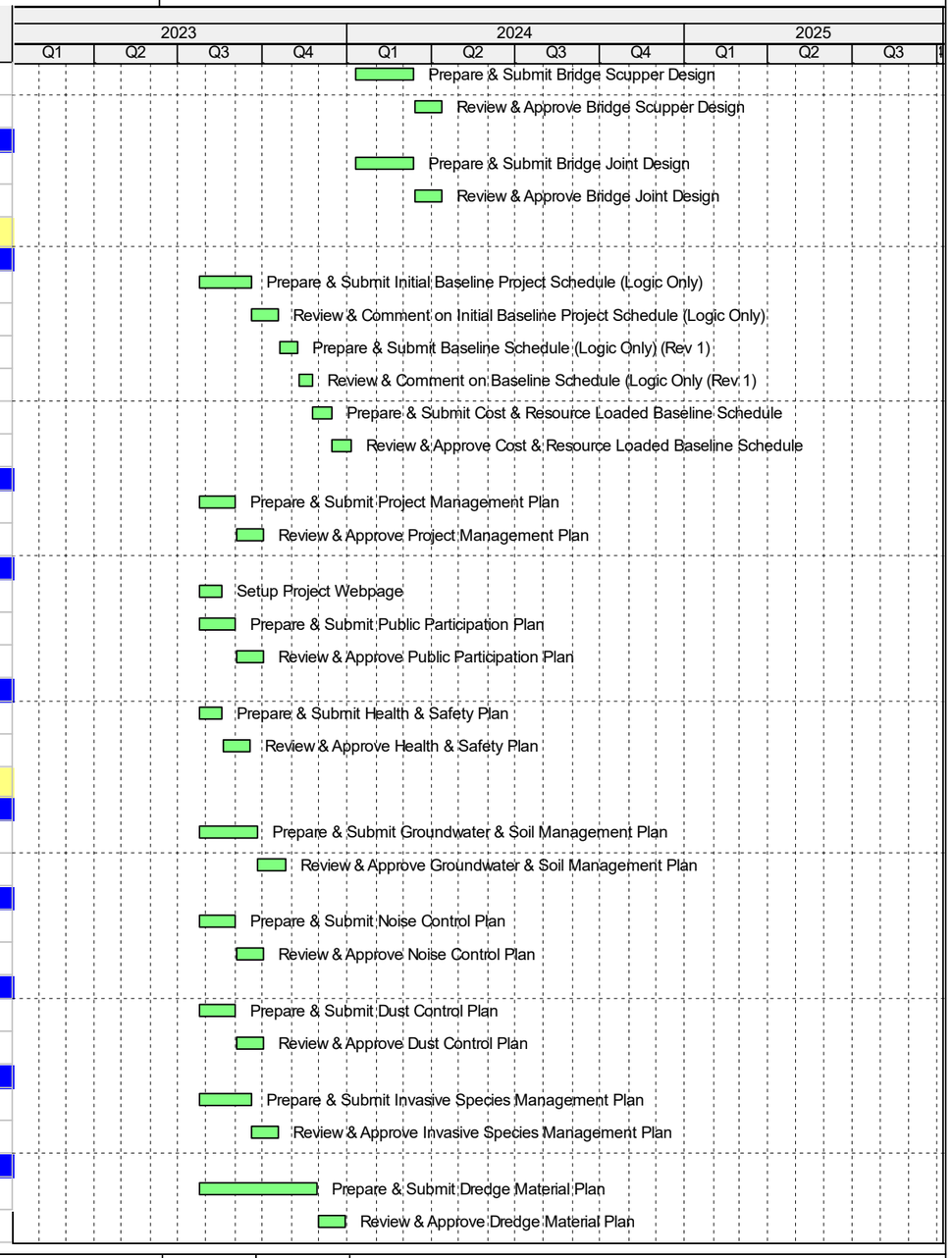
ContractNo_1850	Prepare & Submit Bridge Scupper Design	45	09-Jan-24	13-Mar-24	Cal01-5d/8hr/12hol
ContractNo_1860	Review & Approve Bridge Scupper Design	30	14-Mar-24	12-Apr-24	Cal03A -7 d/8hr/No Holiday
Bridge Joint Design					
ContractNo_1870	Prepare & Submit Bridge Joint Design	45	09-Jan-24	13-Mar-24	Cal01-5d/8hr/12hol
ContractNo_1880	Review & Approve Bridge Joint Design	30	14-Mar-24	12-Apr-24	Cal03A -7 d/8hr/No Holiday
Projectwide Submittals					
Project Schedule					
ContractNo_2080	Prepare & Submit Initial Baseline Project Schedule (Logic Only)	40	24-Jul-23	18-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2090	Review & Comment on Initial Baseline Project Schedule (Logic Only)	30	19-Sep-23	18-Oct-23	Cal03A -7 d/8hr/No Holiday
ContractNo_2220	Prepare & Submit Baseline Schedule (Logic Only) (Rev 1)	15	19-Oct-23	08-Nov-23	Cal01-5d/8hr/12hol
ContractNo_2230	Review & Comment on Baseline Schedule (Logic Only (Rev 1)	15	09-Nov-23	23-Nov-23	Cal03A -7 d/8hr/No Holiday
ContractNo_2620	Prepare & Submit Cost & Resource Loaded Baseline Schedule	15	24-Nov-23	14-Dec-23	Cal01-5d/8hr/12hol
ContractNo_2630	Review & Approve Cost & Resource Loaded Baseline Schedule	21	15-Dec-23	04-Jan-24	Cal03A -7 d/8hr/No Holiday
Project Management Plan					
ContractNo_2100	Prepare & Submit Project Management Plan	30	24-Jul-23	01-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2110	Review & Approve Project Management Plan	30	02-Sep-23	01-Oct-23	Cal03A -7 d/8hr/No Holiday
Public Participation Plan					
ContractNo_2160	Setup Project Webpage	20	24-Jul-23	18-Aug-23	Cal01-5d/8hr/12hol
ContractNo_2120	Prepare & Submit Public Participation Plan	30	24-Jul-23	01-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2130	Review & Approve Public Participation Plan	30	02-Sep-23	01-Oct-23	Cal03A -7 d/8hr/No Holiday
Health & Safety Plan					
ContractNo_2140	Prepare & Submit Health & Safety Plan	20	24-Jul-23	18-Aug-23	Cal01-5d/8hr/12hol
ContractNo_2150	Review & Approve Health & Safety Plan	30	19-Aug-23	17-Sep-23	Cal03A -7 d/8hr/No Holiday
Environmental Submittals					
Groundwater & Soil Management Plan					
ContractNo_2520	Prepare & Submit Groundwater & Soil Management Plan	45	24-Jul-23	25-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2530	Review & Approve Groundwater & Soil Management Plan	30	26-Sep-23	25-Oct-23	Cal03A -7 d/8hr/No Holiday
Noise Control Plan					
ContractNo_2540	Prepare & Submit Noise Control Plan	30	24-Jul-23	01-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2550	Review & Approve Noise Control Plan	30	02-Sep-23	01-Oct-23	Cal03A -7 d/8hr/No Holiday
Dust Control Plan					
ContractNo_2560	Prepare & Submit Dust Control Plan	30	24-Jul-23	01-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2570	Review & Approve Dust Control Plan	30	02-Sep-23	01-Oct-23	Cal03A -7 d/8hr/No Holiday
Invasive Species Management Plan					
ContractNo_2600	Prepare & Submit Invasive Species Management Plan	40	24-Jul-23	18-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2610	Review & Approve Invasive Species Management Plan	30	19-Sep-23	18-Oct-23	Cal03A -7 d/8hr/No Holiday
Dredge Material Plan					
ContractNo_2580	Prepare & Submit Dredge Material Plan	90	24-Jul-23	29-Nov-23	Cal01-5d/8hr/12hol
ContractNo_2590	Review & Approve Dredge Material Plan	30	30-Nov-23	29-Dec-23	Cal03A -7 d/8hr/No Holiday



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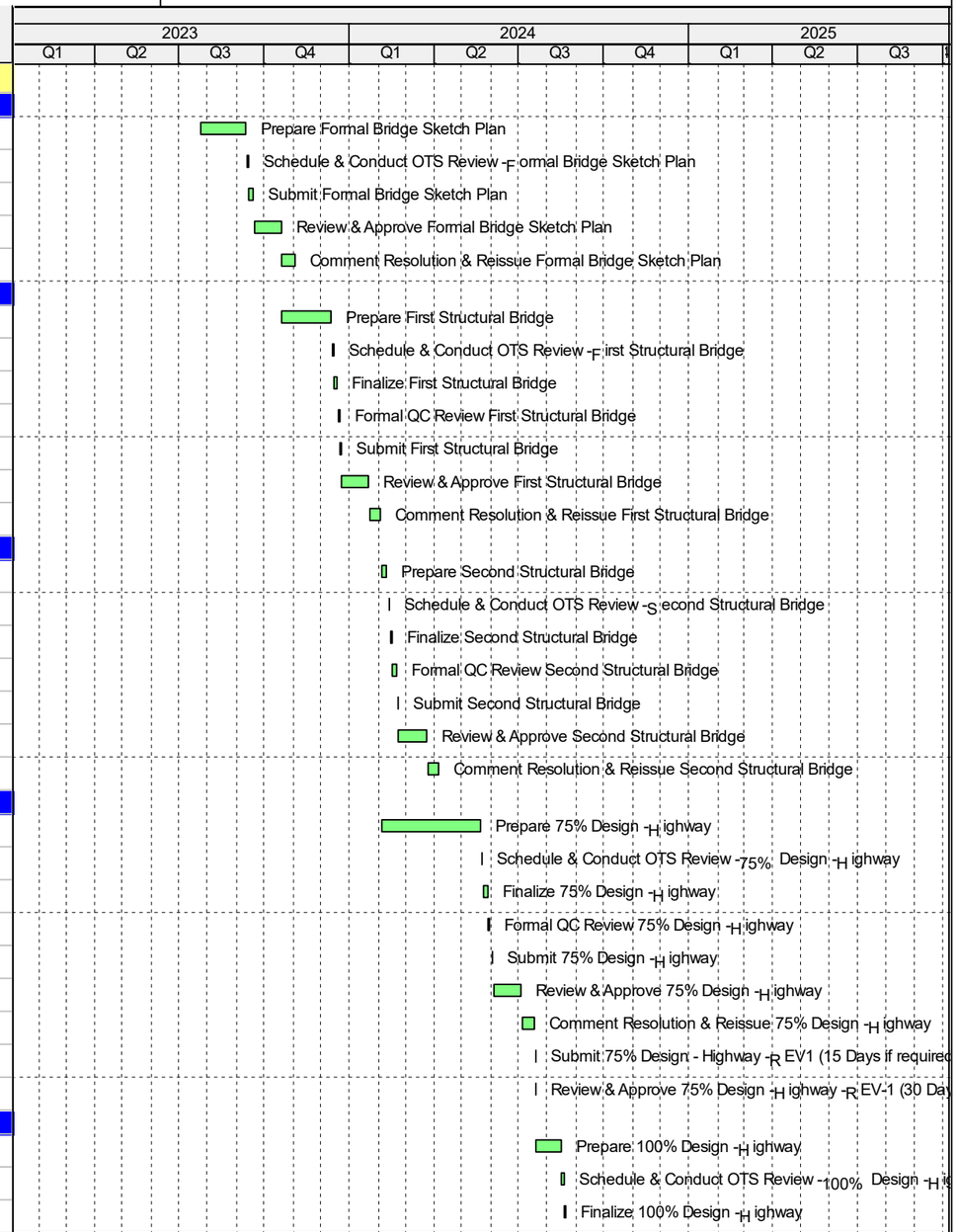
Design Submittals					
Formal Bridge Sketch Plan					
ContractNo_1690	Prepare Formal Bridge Sketch Plan	35	24-Jul-23	11-Sep-23	Cal01-5d/8hr/12hol
ContractNo_1930	Schedule & Conduct OTS Review -F ormal Bridge Sketch Plan	2	12-Sep-23	13-Sep-23	Cal01-5d/8hr/12hol
ContractNo_1920	Submit Formal Bridge Sketch Plan	4	14-Sep-23	19-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2020	Review & Approve Formal Bridge Sketch Plan	30	20-Sep-23	19-Oct-23	Cal03A -7 d/8hr/No Holiday
ContractNo_1700	Comment Resolution & Reissue Formal Bridge Sketch Plan	10	20-Oct-23	02-Nov-23	Cal01-5d/8hr/12hol
First Structural Design - Bridge					
ContractNo_2670	Prepare First Structural Bridge	37	20-Oct-23	12-Dec-23	Cal01-5d/8hr/12hol
ContractNo_2770	Schedule & Conduct OTS Review -F irst Structural Bridge	2	13-Dec-23	14-Dec-23	Cal01-5d/8hr/12hol
ContractNo_2780	Finalize First Structural Bridge	2	15-Dec-23	18-Dec-23	Cal01-5d/8hr/12hol
ContractNo_2790	Formal QC Review First Structural Bridge	3	19-Dec-23	21-Dec-23	Cal01-5d/8hr/12hol
ContractNo_2800	Submit First Structural Bridge	1	22-Dec-23	22-Dec-23	Cal01-5d/8hr/12hol
ContractNo_2970	Review & Approve First Structural Bridge	30	23-Dec-23	21-Jan-24	Cal03A -7 d/8hr/No Holiday
ContractNo_2680	Comment Resolution & Reissue First Structural Bridge	10	22-Jan-24	02-Feb-24	Cal01-5d/8hr/12hol
Second Structural Design - Bridge					
ContractNo_2710	Prepare Second Structural Bridge	5	05-Feb-24	09-Feb-24	Cal01-5d/8hr/12hol
ContractNo_2850	Schedule & Conduct OTS Review -S econd Structural Bridge	2	12-Feb-24	13-Feb-24	Cal01-5d/8hr/12hol
ContractNo_2860	Finalize Second Structural Bridge	2	14-Feb-24	15-Feb-24	Cal01-5d/8hr/12hol
ContractNo_2870	Formal QC Review Second Structural Bridge	3	16-Feb-24	21-Feb-24	Cal01-5d/8hr/12hol
ContractNo_2880	Submit Second Structural Bridge	1	22-Feb-24	22-Feb-24	Cal01-5d/8hr/12hol
ContractNo_2990	Review & Approve Second Structural Bridge	30	23-Feb-24	23-Mar-24	Cal03A -7 d/8hr/No Holiday
ContractNo_2720	Comment Resolution & Reissue Second Structural Bridge	10	25-Mar-24	05-Apr-24	Cal01-5d/8hr/12hol
75% Design -Highway					
ContractNo_2690	Prepare 75% Design -H ighway	75	05-Feb-24	21-May-24	Cal01-5d/8hr/12hol
ContractNo_2810	Schedule & Conduct OTS Review -7 5% Design -H ighway	2	22-May-24	23-May-24	Cal01-5d/8hr/12hol
ContractNo_2820	Finalize 75% Design -H ighway	2	24-May-24	28-May-24	Cal01-5d/8hr/12hol
ContractNo_2830	Formal QC Review 75% Design -H ighway	3	29-May-24	31-May-24	Cal01-5d/8hr/12hol
ContractNo_2840	Submit 75% Design -H ighway	1	03-Jun-24	03-Jun-24	Cal01-5d/8hr/12hol
ContractNo_2980	Review & Approve 75% Design -H ighway	30	04-Jun-24	03-Jul-24	Cal03A -7 d/8hr/No Holiday
ContractNo_2700	Comment Resolution & Reissue 75% Design -H ighway	10	05-Jul-24	18-Jul-24	Cal01-5d/8hr/12hol
ContractNo_3570	Submit 75% Design -H ighway -R EV1 (15 Days if required)	0	19-Jul-24	19-Jul-24	Cal01-5d/8hr/12hol
ContractNo_3580	Review & Approve 75% Design -H ighway -R EV-1 (30 Days if required)	0	19-Jul-24	19-Jul-24	Cal03A -7 d/8hr/No Holiday
100% Design -Highway					
ContractNo_2750	Prepare 100% Design -H ighway	20	19-Jul-24	15-Aug-24	Cal01-5d/8hr/12hol
ContractNo_2890	Schedule & Conduct OTS Review -1 00% Design -H ighway	2	16-Aug-24	19-Aug-24	Cal01-5d/8hr/12hol
ContractNo_2900	Finalize 100% Design -H ighway	2	20-Aug-24	21-Aug-24	Cal01-5d/8hr/12hol



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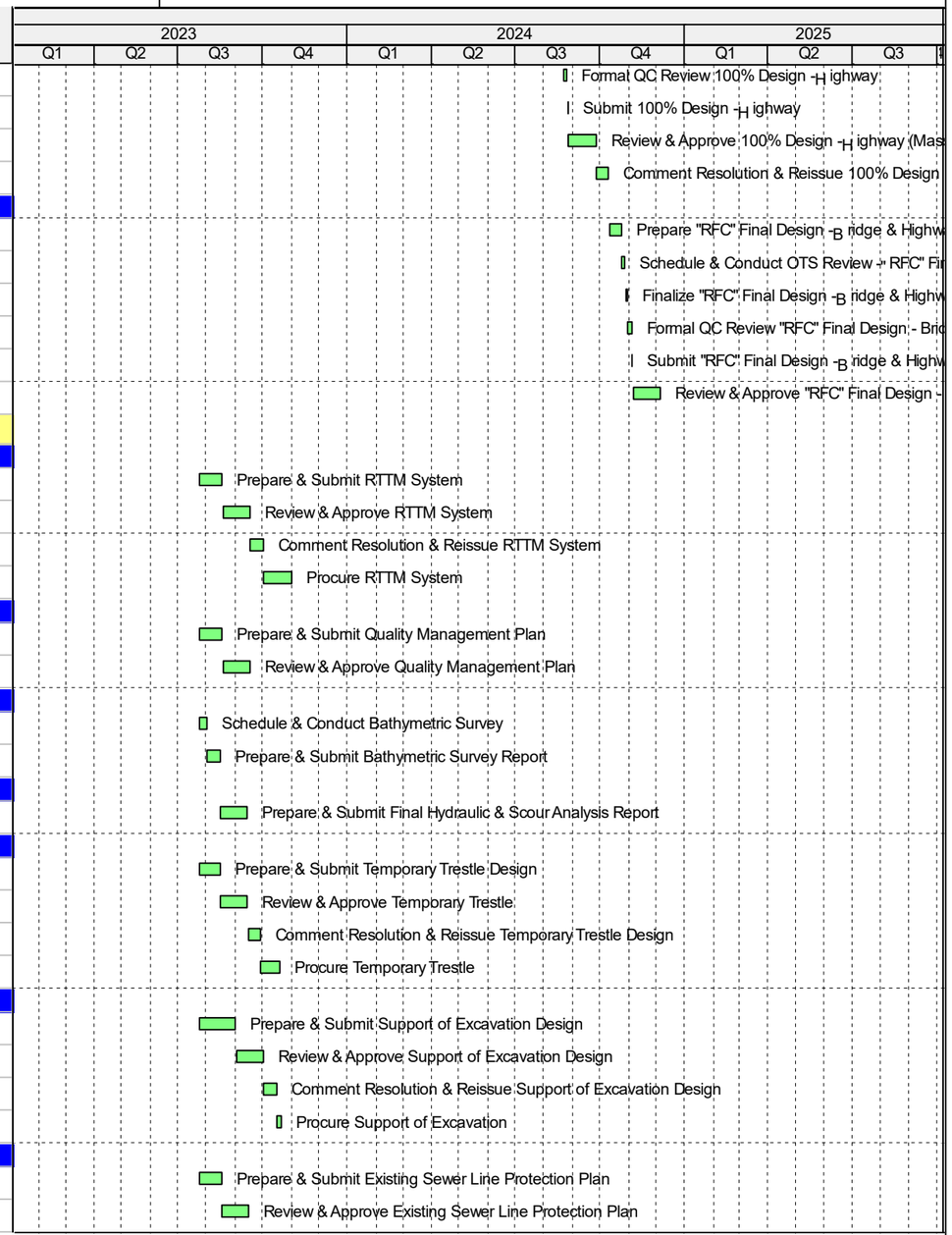
ContractNo_2910	Formal QC Review 100% Design - Highway	3	22-Aug-24	26-Aug-24	Cal01-5d/8hr/12hol
ContractNo_2920	Submit 100% Design - Highway	1	27-Aug-24	27-Aug-24	Cal01-5d/8hr/12hol
ContractNo_3000	Review & Approve 100% Design - Highway (MassDOT)	30	28-Aug-24	26-Sep-24	Cal03A - 7 d/8hr/No Holiday
ContractNo_2760	Comment Resolution & Reissue 100% Design - Highway	10	27-Sep-24	10-Oct-24	Cal01-5d/8hr/12hol
Final Design - Bridge & Highway					
ContractNo_2730	Prepare "RFC" Final Design - Bridge & Highway	9	11-Oct-24	24-Oct-24	Cal01-5d/8hr/12hol
ContractNo_2930	Schedule & Conduct OTS Review - "RFC" Final Design - Bridge & Highway	2	25-Oct-24	28-Oct-24	Cal01-5d/8hr/12hol
ContractNo_2940	Finalize "RFC" Final Design - Bridge & Highway	2	29-Oct-24	30-Oct-24	Cal01-5d/8hr/12hol
ContractNo_2950	Formal QC Review "RFC" Final Design - Bridge & Highway	3	31-Oct-24	04-Nov-24	Cal01-5d/8hr/12hol
ContractNo_2960	Submit "RFC" Final Design - Bridge & Highway	1	05-Nov-24	05-Nov-24	Cal01-5d/8hr/12hol
ContractNo_2740	Review & Approve "RFC" Final Design - Bridge & Highway (MassDOT)	30	06-Nov-24	05-Dec-24	Cal03A - 7 d/8hr/No Holiday
Early Action Construction Submittals					
RTTM					
ContractNo_1470	Prepare & Submit RTTM System	20	24-Jul-23	18-Aug-23	Cal01-5d/8hr/12hol
ContractNo_1540	Review & Approve RTTM System	30	19-Aug-23	17-Sep-23	Cal03A - 7 d/8hr/No Holiday
ContractNo_1480	Comment Resolution & Reissue RTTM System	10	18-Sep-23	02-Oct-23	Cal01-5d/8hr/12hol
ContractNo_1490	Procure RTTM System	30	02-Oct-23	01-Nov-23	Cal03A - 7 d/8hr/No Holiday
Quality Management Plan (QMP)					
ContractNo_1040	Prepare & Submit Quality Management Plan	20	24-Jul-23	18-Aug-23	Cal01-5d/8hr/12hol
ContractNo_1050	Review & Approve Quality Management Plan	30	19-Aug-23	17-Sep-23	Cal03A - 7 d/8hr/No Holiday
Bathymetric Survey					
ContractNo_1360	Schedule & Conduct Bathymetric Survey	7	24-Jul-23	01-Aug-23	Cal01-5d/8hr/12hol
ContractNo_1370	Prepare & Submit Bathymetric Survey Report	10	02-Aug-23	15-Aug-23	Cal01-5d/8hr/12hol
Final Hydraulic & Scour Analysis Report					
ContractNo_1380	Prepare & Submit Final Hydraulic & Scour Analysis Report	20	16-Aug-23	13-Sep-23	Cal01-5d/8hr/12hol
Temporary Trestle Design					
ContractNo_1390	Prepare & Submit Temporary Trestle Design	17	24-Jul-23	15-Aug-23	Cal01-5d/8hr/12hol
ContractNo_1510	Review & Approve Temporary Trestle	30	16-Aug-23	14-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_1400	Comment Resolution & Reissue Temporary Trestle Design	10	15-Sep-23	29-Sep-23	Cal01-5d/8hr/12hol
ContractNo_1410	Procure Temporary Trestle	20	29-Sep-23	19-Oct-23	Cal03A -7 d/8hr/No Holiday
Support of Excavation Design					
ContractNo_1610	Prepare & Submit Support of Excavation Design	30	24-Jul-23	01-Sep-23	Cal01-5d/8hr/12hol
ContractNo_1620	Review & Approve Support of Excavation Design	30	02-Sep-23	01-Oct-23	Cal03A -7 d/8hr/No Holiday
ContractNo_1630	Comment Resolution & Reissue Support of Excavation Design	10	02-Oct-23	16-Oct-23	Cal01-5d/8hr/12hol
ContractNo_1500	Procure Support of Excavation	5	17-Oct-23	21-Oct-23	Cal03A -7 d/8hr/No Holiday
Existing Sewer Line Protection Plan					
ContractNo_1420	Prepare & Submit Existing Sewer Line Protection Plan	19	24-Jul-23	17-Aug-23	Cal01-5d/8hr/12hol
ContractNo_1520	Review & Approve Existing Sewer Line Protection Plan	30	18-Aug-23	16-Sep-23	Cal03A -7 d/8hr/No Holiday



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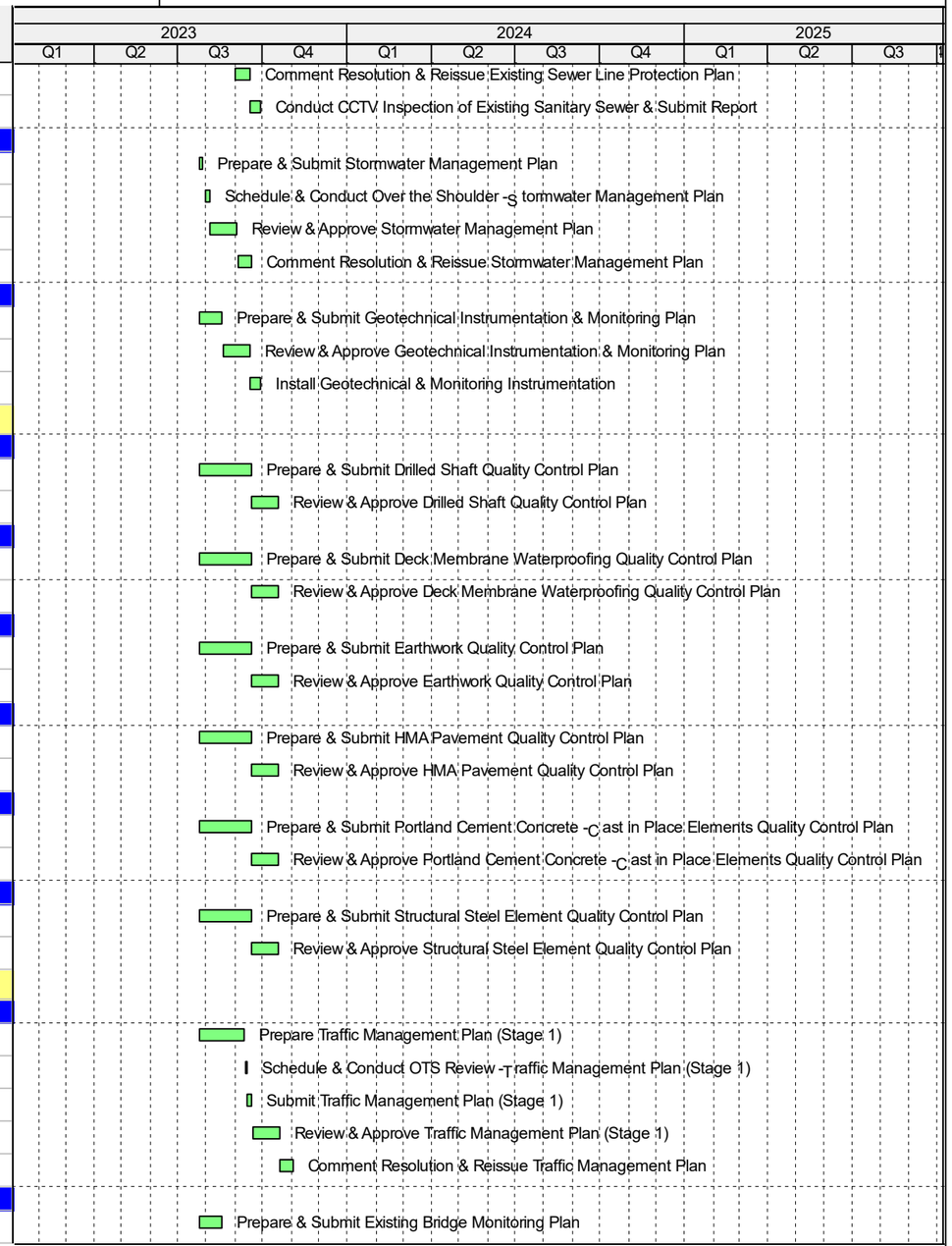
ContractNo_1430	Comment Resolution & Reissue Existing Sewer Line Protection Plan	10	01-Sep-23	18-Sep-23	Cal01-5d/8hr/12hol
ContractNo_1460	Conduct CCTV Inspection of Existing Sanitary Sewer & Submit Report	10	18-Sep-23	29-Sep-23	Cal01-5d/8hr/12hol
Stormwater Management Plan					
ContractNo_1440	Prepare & Submit Stormwater Management Plan	5	24-Jul-23	28-Jul-23	Cal01-5d/8hr/12hol
ContractNo_1560	Schedule & Conduct Over the Shoulder -Stormwater Management Plan	5	31-Jul-23	04-Aug-23	Cal01-5d/8hr/12hol
ContractNo_1530	Review & Approve Stormwater Management Plan	30	05-Aug-23	03-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_1450	Comment Resolution & Reissue Stormwater Management Plan	10	05-Sep-23	19-Sep-23	Cal01-5d/8hr/12hol
Geotechnical Instrumentation & Monitoring Plan					
ContractNo_1580	Prepare & Submit Geotechnical Instrumentation & Monitoring Plan	20	24-Jul-23	18-Aug-23	Cal01-5d/8hr/12hol
ContractNo_1590	Review & Approve Geotechnical Instrumentation & Monitoring Plan	30	19-Aug-23	17-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_1600	Install Geotechnical & Monitoring Instrumentation	10	18-Sep-23	29-Sep-23	Cal01-5d/8hr/12hol
Quality Control Plans					
Drilled Shaft Quality Control Plan					
ContractNo_2400	Prepare & Submit Drilled Shaft Quality Control Plan	40	24-Jul-23	18-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2410	Review & Approve Drilled Shaft Quality Control Plan	30	19-Sep-23	18-Oct-23	Cal03A -7 d/8hr/No Holiday
Deck Membrane Waterproofing					
ContractNo_2420	Prepare & Submit Deck Membrane Waterproofing Quality Control Plan	40	24-Jul-23	18-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2430	Review & Approve Deck Membrane Waterproofing Quality Control Plan	30	19-Sep-23	18-Oct-23	Cal03A -7 d/8hr/No Holiday
Earthwork					
ContractNo_2440	Prepare & Submit Earthwork Quality Control Plan	40	24-Jul-23	18-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2450	Review & Approve Earthwork Quality Control Plan	30	19-Sep-23	18-Oct-23	Cal03A -7 d/8hr/No Holiday
HMA Pavement					
ContractNo_2460	Prepare & Submit HMA Pavement Quality Control Plan	40	24-Jul-23	18-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2470	Review & Approve HMA Pavement Quality Control Plan	30	19-Sep-23	18-Oct-23	Cal03A -7 d/8hr/No Holiday
Portland Cement Concrete -Cast in Place Elements					
ContractNo_2480	Prepare & Submit Portland Cement Concrete -Cast in Place Elements Quality Control Plan	40	24-Jul-23	18-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2490	Review & Approve Portland Cement Concrete -Cast in Place Elements Quality Control Plan	30	19-Sep-23	18-Oct-23	Cal03A -7 d/8hr/No Holiday
Structural Steel Element					
ContractNo_2500	Prepare & Submit Structural Steel Element Quality Control Plan	40	24-Jul-23	18-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2510	Review & Approve Structural Steel Element Quality Control Plan	30	19-Sep-23	18-Oct-23	Cal03A -7 d/8hr/No Holiday
Construction Submittals					
Traffic Management Plan (TTCP)					
ContractNo_1900	Prepare Traffic Management Plan (Stage 1)	35	24-Jul-23	11-Sep-23	Cal01-5d/8hr/12hol
ContractNo_1910	Schedule & Conduct OTS Review -Traffic Management Plan (Stage 1)	2	12-Sep-23	13-Sep-23	Cal01-5d/8hr/12hol
ContractNo_1810	Submit Traffic Management Plan (Stage 1)	4	14-Sep-23	19-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2030	Review & Approve Traffic Management Plan (Stage 1)	30	20-Sep-23	19-Oct-23	Cal03A -7 d/8hr/No Holiday
ContractNo_1820	Comment Resolution & Reissue Traffic Management Plan	10	20-Oct-23	02-Nov-23	Cal01-5d/8hr/12hol
Existing Bridge Monitoring Plan					
ContractNo_2210	Prepare & Submit Existing Bridge Monitoring Plan	20	24-Jul-23	18-Aug-23	Cal01-5d/8hr/12hol



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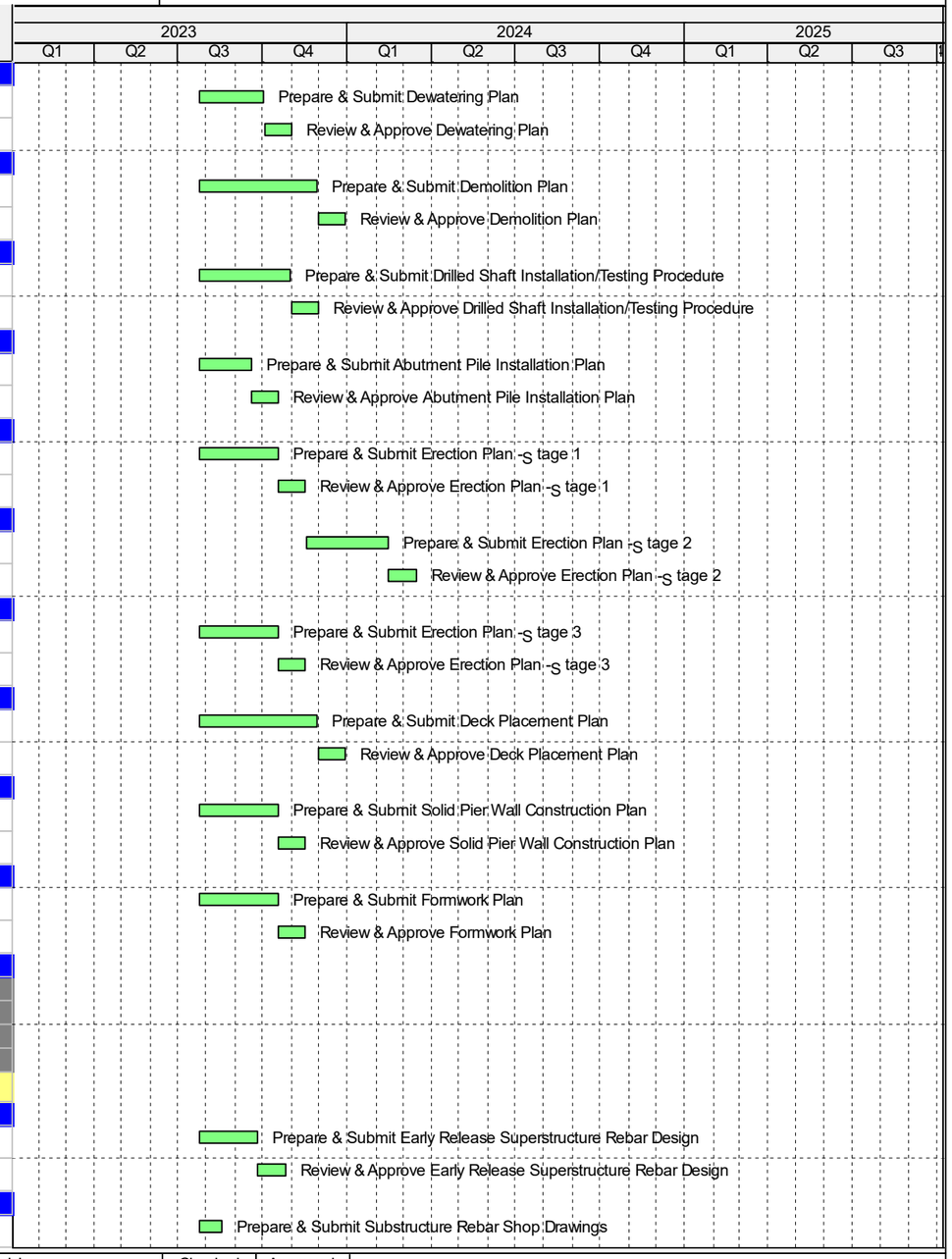
Dewatering Plan					
ContractNo_2380	Prepare & Submit Dewatering Plan	50	24-Jul-23	02-Oct-23	Cal01-5d/8hr/12hol
ContractNo_2390	Review & Approve Dewatering Plan	30	03-Oct-23	01-Nov-23	Cal03A -7 d/8hr/No Holiday
Demolition Plan -NB					
ContractNo_2170	Prepare & Submit Demolition Plan	90	24-Jul-23	29-Nov-23	Cal01-5d/8hr/12hol
ContractNo_2180	Review & Approve Demolition Plan	30	30-Nov-23	29-Dec-23	Cal03A -7 d/8hr/No Holiday
Drilled Shaft Installation/Testing Procedure					
ContractNo_2240	Prepare & Submit Drilled Shaft Installation/Testing Procedure	70	24-Jul-23	31-Oct-23	Cal01-5d/8hr/12hol
ContractNo_2250	Review & Approve Drilled Shaft Installation/Testing Procedure	30	01-Nov-23	30-Nov-23	Cal03A -7 d/8hr/No Holiday
Abutment Pile Intsallation Plan					
ContractNo_2260	Prepare & Submit Abutment Pile Installation Plan	40	24-Jul-23	18-Sep-23	Cal01-5d/8hr/12hol
ContractNo_2270	Review & Approve Abutment Pile Installation Plan	30	19-Sep-23	18-Oct-23	Cal03A -7 d/8hr/No Holiday
Erection Plan -Stage 1					
ContractNo_2190	Prepare & Submit Erection Plan -Stage 1	60	24-Jul-23	17-Oct-23	Cal01-5d/8hr/12hol
ContractNo_2200	Review & Approve Erection Plan -Stage 1	30	18-Oct-23	16-Nov-23	Cal03A -7 d/8hr/No Holiday
Erection Plan -Stage 2					
ContractNo_2280	Prepare & Submit Erection Plan -Stage 2	60	17-Nov-23	14-Feb-24	Cal01-5d/8hr/12hol
ContractNo_2290	Review & Approve Erection Plan -Stage 2	30	15-Feb-24	15-Mar-24	Cal03A -7 d/8hr/No Holiday
Erection Plan -Stage 3					
ContractNo_2300	Prepare & Submit Erection Plan -Stage 3	60	24-Jul-23	17-Oct-23	Cal01-5d/8hr/12hol
ContractNo_2310	Review & Approve Erection Plan -Stage 3	30	18-Oct-23	16-Nov-23	Cal03A -7 d/8hr/No Holiday
Deck Placement Plan					
ContractNo_2320	Prepare & Submit Deck Placement Plan	90	24-Jul-23	29-Nov-23	Cal01-5d/8hr/12hol
ContractNo_2330	Review & Approve Deck Placement Plan	30	30-Nov-23	29-Dec-23	Cal03A -7 d/8hr/No Holiday
Solid Pier Wall Construction Plan					
ContractNo_2340	Prepare & Submit Solid Pier Wall Construction Plan	60	24-Jul-23	17-Oct-23	Cal01-5d/8hr/12hol
ContractNo_2350	Review & Approve Solid Pier Wall Construction Plan	30	18-Oct-23	16-Nov-23	Cal03A -7 d/8hr/No Holiday
Formwork Plan					
ContractNo_2360	Prepare & Submit Formwork Plan	60	24-Jul-23	17-Oct-23	Cal01-5d/8hr/12hol
ContractNo_2370	Review & Approve Formwork Plan	30	18-Oct-23	16-Nov-23	Cal03A -7 d/8hr/No Holiday
Subcontractor Approvals					
Licensed Site Professional					
Structure Cleaning Subcontractor					
Electrical Subcontractor					
Bridge Demolition Subcontractor					
Shop Drawings and Procurements					
Superstructure Rebar Design					
ContractNo_3040	Prepare & Submit Early Release Superstructure Rebar Design	45	24-Jul-23	25-Sep-23	Cal01-5d/8hr/12hol
ContractNo_3050	Review & Approve Early Release Superstructure Rebar Design	30	26-Sep-23	25-Oct-23	Cal03A -7 d/8hr/No Holiday
Abutment Rebar					
ContractNo_3010	Prepare & Submit Substructure Rebar Shop Drawings	20	24-Jul-23	18-Aug-23	Cal01-5d/8hr/12hol



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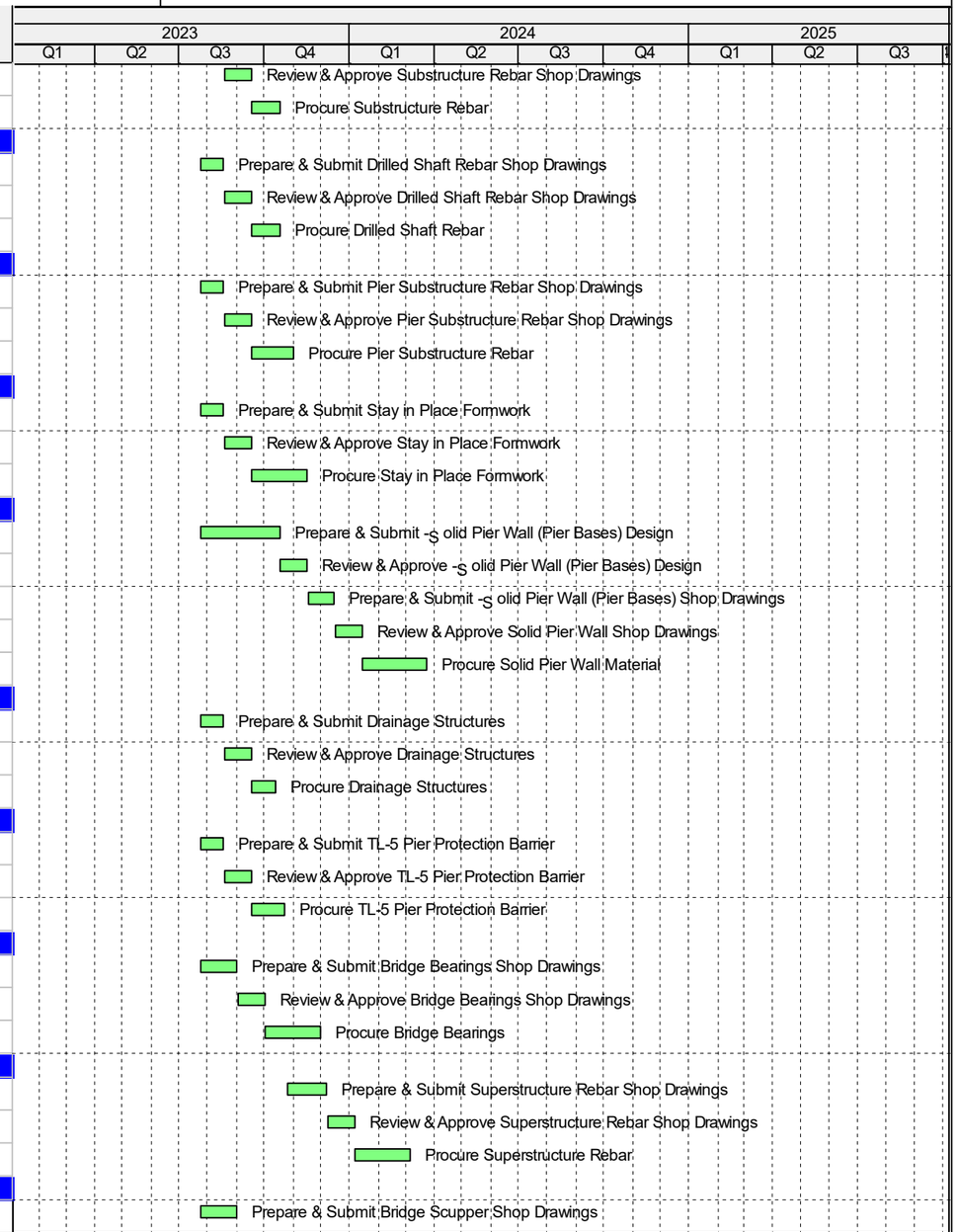
ContractNo_3020	Review & Approve Substructure Rebar Shop Drawings	30	19-Aug-23	17-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_3030	Procure Substructure Rebar	30	18-Sep-23	17-Oct-23	Cal03A -7 d/8hr/No Holiday
Drilled Shaft Rebar					
ContractNo_3510	Prepare & Submit Drilled Shaft Rebar Shop Drawings	20	24-Jul-23	18-Aug-23	Cal01-5d/8hr/12hol
ContractNo_3520	Review & Approve Drilled Shaft Rebar Shop Drawings	30	19-Aug-23	17-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_3530	Procure Drilled Shaft Rebar	30	18-Sep-23	17-Oct-23	Cal03A -7 d/8hr/No Holiday
Pier Substructure Rebar					
ContractNo_3540	Prepare & Submit Pier Substructure Rebar Shop Drawings	20	24-Jul-23	18-Aug-23	Cal01-5d/8hr/12hol
ContractNo_3550	Review & Approve Pier Substructure Rebar Shop Drawings	30	19-Aug-23	17-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_3560	Procure Pier Substructure Rebar	45	18-Sep-23	01-Nov-23	Cal03A -7 d/8hr/No Holiday
Stay in Place Formwork					
ContractNo_3330	Prepare & Submit Stay in Place Formwork	20	24-Jul-23	18-Aug-23	Cal01-5d/8hr/12hol
ContractNo_3340	Review & Approve Stay in Place Formwork	30	19-Aug-23	17-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_3350	Procure Stay in Place Formwork	60	18-Sep-23	16-Nov-23	Cal03A -7 d/8hr/No Holiday
Solid Pier Wall (Pier Bases) Design & Shop Drawings					
ContractNo_3130	Prepare & Submit -Solid Pier Wall (Pier Bases) Design	60	24-Jul-23	17-Oct-23	Cal01-5d/8hr/12hol
ContractNo_3140	Review & Approve -Solid Pier Wall (Pier Bases) Design	30	18-Oct-23	16-Nov-23	Cal03A -7 d/8hr/No Holiday
ContractNo_3070	Prepare & Submit -Solid Pier Wall (Pier Bases) Shop Drawings	20	17-Nov-23	15-Dec-23	Cal01-5d/8hr/12hol
ContractNo_3080	Review & Approve Solid Pier Wall Shop Drawings	30	16-Dec-23	14-Jan-24	Cal03A -7 d/8hr/No Holiday
ContractNo_3090	Procure Solid Pier Wall Material	70	15-Jan-24	24-Mar-24	Cal03A -7 d/8hr/No Holiday
Drainage Structures					
ContractNo_3100	Prepare & Submit Drainage Structures	20	24-Jul-23	18-Aug-23	Cal01-5d/8hr/12hol
ContractNo_3110	Review & Approve Drainage Structures	30	19-Aug-23	17-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_3120	Procure Drainage Structures	25	18-Sep-23	12-Oct-23	Cal03A -7 d/8hr/No Holiday
TL-5 Pier Protection Barrier					
ContractNo_3160	Prepare & Submit TL-5 Pier Protection Barrier	20	24-Jul-23	18-Aug-23	Cal01-5d/8hr/12hol
ContractNo_3170	Review & Approve TL-5 Pier Protection Barrier	30	19-Aug-23	17-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_3180	Procure TL-5 Pier Protection Barrier	35	18-Sep-23	22-Oct-23	Cal03A -7 d/8hr/No Holiday
Bridge Bearings					
ContractNo_3220	Prepare & Submit Bridge Bearings Shop Drawings	30	24-Jul-23	01-Sep-23	Cal01-5d/8hr/12hol
ContractNo_3230	Review & Approve Bridge Bearings Shop Drawings	30	02-Sep-23	01-Oct-23	Cal03A -7 d/8hr/No Holiday
ContractNo_3190	Procure Bridge Bearings	60	02-Oct-23	30-Nov-23	Cal03A -7 d/8hr/No Holiday
Superstructure Rebar					
ContractNo_3360	Prepare & Submit Superstructure Rebar Shop Drawings	30	26-Oct-23	07-Dec-23	Cal01-5d/8hr/12hol
ContractNo_3370	Review & Approve Superstructure Rebar Shop Drawings	30	08-Dec-23	06-Jan-24	Cal03A -7 d/8hr/No Holiday
ContractNo_3060	Procure Superstructure Rebar	60	07-Jan-24	06-Mar-24	Cal03A -7 d/8hr/No Holiday
Bridge Scuppers					
ContractNo_3380	Prepare & Submit Bridge Scupper Shop Drawings	30	24-Jul-23	01-Sep-23	Cal01-5d/8hr/12hol



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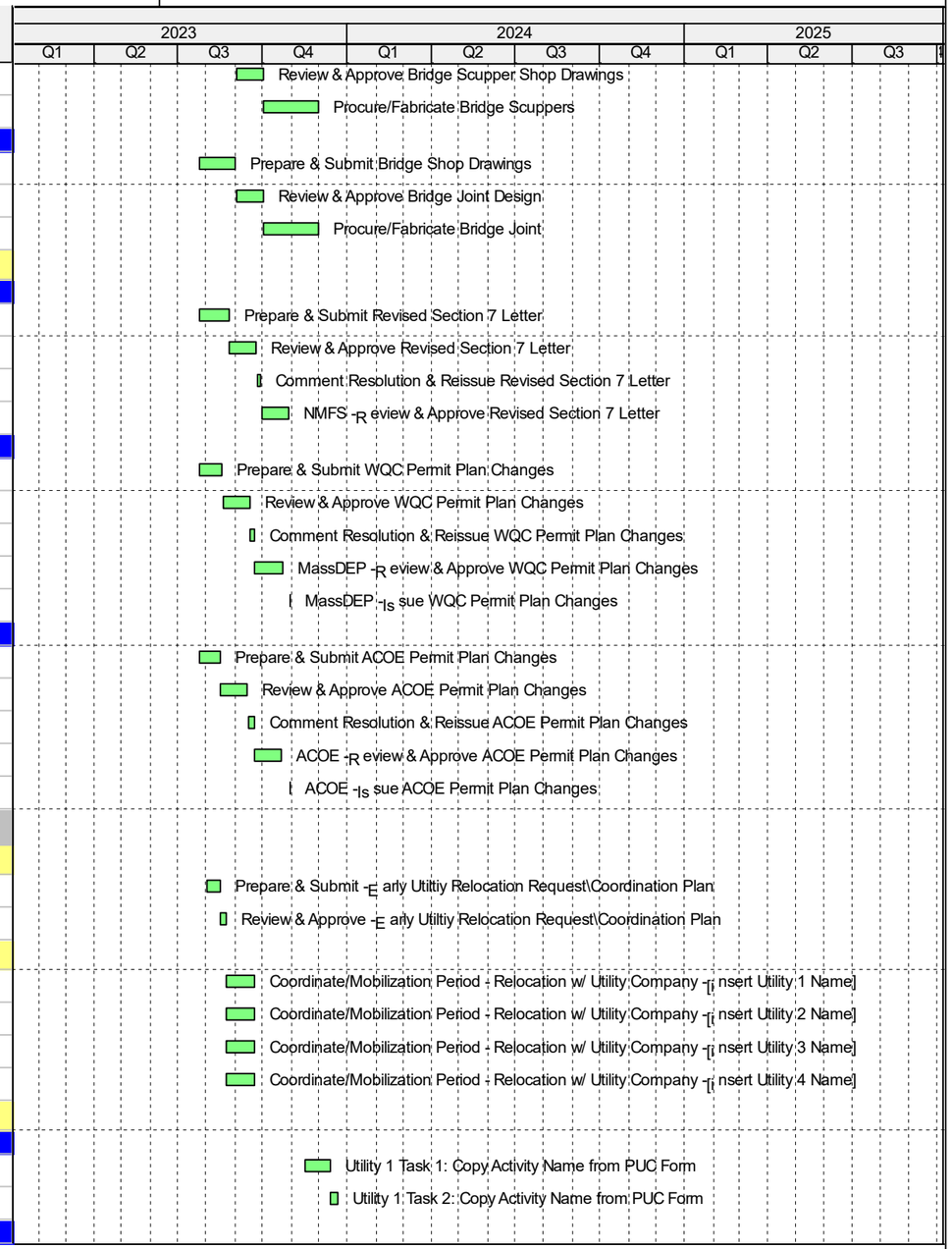
ContractNo_3390	Review & Approve Bridge Scupper Shop Drawings	30	02-Sep-23	01-Oct-23	Cal03A -7 d/8hr/No Holiday
ContractNo_3200	Procure/Fabricate Bridge Scuppers	60	02-Oct-23	30-Nov-23	Cal03A -7 d/8hr/No Holiday
Bridge Joint					
ContractNo_3400	Prepare & Submit Bridge Shop Drawings	30	24-Jul-23	01-Sep-23	Cal01-5d/8hr/12hol
ContractNo_3410	Review & Approve Bridge Joint Design	30	02-Sep-23	01-Oct-23	Cal03A -7 d/8hr/No Holiday
ContractNo_3210	Procure/Fabricate Bridge Joint	60	02-Oct-23	30-Nov-23	Cal03A -7 d/8hr/No Holiday
Early Action Permit Plan Changes					
National Marine Fishery Service (NMFS)					
ContractNo_1300	Prepare & Submit Revised Section 7 Letter	25	24-Jul-23	25-Aug-23	Cal01-5d/8hr/12hol
ContractNo_1310	Review & Approve Revised Section 7 Letter	30	26-Aug-23	24-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_1330	Comment Resolution & Reissue Revised Section 7 Letter	5	25-Sep-23	29-Sep-23	Cal01-5d/8hr/12hol
ContractNo_1320	NMFS -Review & Approve Revised Section 7 Letter	30	30-Sep-23	29-Oct-23	Cal03A -7 d/8hr/No Holiday
Water Quality Certification Permit Plan Changes					
ContractNo_1220	Prepare & Submit WQC Permit Plan Changes	20	24-Jul-23	18-Aug-23	Cal01-5d/8hr/12hol
ContractNo_1240	Review & Approve WQC Permit Plan Changes	30	19-Aug-23	17-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_1280	Comment Resolution & Reissue WQC Permit Plan Changes	5	18-Sep-23	22-Sep-23	Cal01-5d/8hr/12hol
ContractNo_1260	MassDEP -Review & Approve WQC Permit Plan Changes	30	22-Sep-23	22-Oct-23	Cal04-7d/24Hr/No Hol (Mile
ContractNo_1340	MassDEP -Issue WQC Permit Plan Changes	1	30-Oct-23	30-Oct-23	Cal01-5d/8hr/12hol
Army Corp of Engineers Permit Plan Changes					
ContractNo_1230	Prepare & Submit ACOE Permit Plan Changes	17	24-Jul-23	15-Aug-23	Cal01-5d/8hr/12hol
ContractNo_1250	Review & Approve ACOE Permit Plan Changes	30	16-Aug-23	14-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_1290	Comment Resolution & Reissue ACOE Permit Plan Changes	5	15-Sep-23	21-Sep-23	Cal01-5d/8hr/12hol
ContractNo_1270	ACOE -Review & Approve ACOE Permit Plan Changes	30	21-Sep-23	21-Oct-23	Cal04-7d/24Hr/No Hol (Mile
ContractNo_1350	ACOE -Issue ACOE Permit Plan Changes	1	30-Oct-23	30-Oct-23	Cal01-5d/8hr/12hol
Utility					
Utility Relocation & Coordination Plan					
ContractNo_P250	Prepare & Submit -Early Utiltiy Relocation Request\Coordination Plan	14	02-Aug-23	15-Aug-23	Cal03A -7 d/8hr/No Holiday
ContractNo_P260	Review & Approve -Early Utiltiy Relocation Request\Coordination Plan	7	16-Aug-23	22-Aug-23	Cal03A -7 d/8hr/No Holiday
Utility Notifications & Meetings					
ContractNo_U100	Coordinate/Mobilization Period -Relocation w/ Utility Company -[Insert Utility 1 Name]	30	23-Aug-23	21-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_U350	Coordinate/Mobilization Period -Relocation w/ Utility Company -[Insert Utility 2 Name]	30	23-Aug-23	21-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_U360	Coordinate/Mobilization Period -Relocation w/ Utility Company -[Insert Utility 3 Name]	30	23-Aug-23	21-Sep-23	Cal03A -7 d/8hr/No Holiday
ContractNo_U370	Coordinate/Mobilization Period -Relocation w/ Utility Company -[Insert Utility 4 Name]	30	23-Aug-23	21-Sep-23	Cal03A -7 d/8hr/No Holiday
Utility Relocation					
Utility 1 PUC Tasks					
ContractNo_U340	Utility 1 Task 1: Copy Activity Name from PUC Form	20	15-Nov-23	14-Dec-23	Cal01-5d/8hr/12hol
ContractNo_U120	Utility 1 Task 2: Copy Activity Name from PUC Form	5	14-Dec-23	21-Dec-23	Cal01-5d/8hr/12hol
Utility 2 PUC Tasks					



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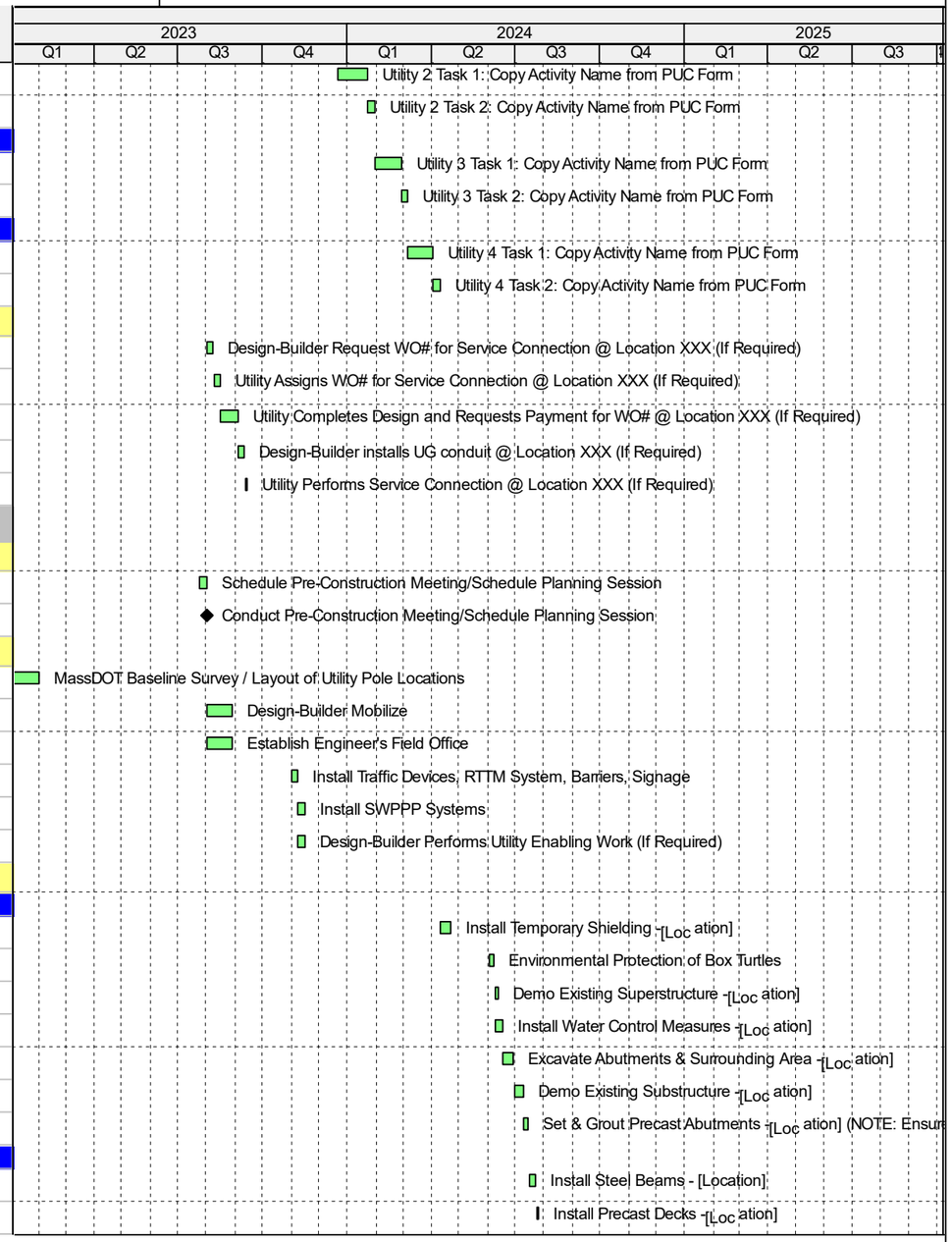
ContractNo_U380	Utility 2 Task 1: Copy Activity Name from PUC Form	20	21-Dec-23	23-Jan-24	Cal01-5d/8hr/12hol
ContractNo_U390	Utility 2 Task 2: Copy Activity Name from PUC Form	5	23-Jan-24	30-Jan-24	Cal01-5d/8hr/12hol
Utility 3 PUC Tasks					
ContractNo_U400	Utility 3 Task 1: Copy Activity Name from PUC Form	20	30-Jan-24	28-Feb-24	Cal01-5d/8hr/12hol
ContractNo_U410	Utility 3 Task 2: Copy Activity Name from PUC Form	5	28-Feb-24	06-Mar-24	Cal01-5d/8hr/12hol
Utility 4 PUC Tasks					
ContractNo_U420	Utility 4 Task 1: Copy Activity Name from PUC Form	20	06-Mar-24	03-Apr-24	Cal01-5d/8hr/12hol
ContractNo_U430	Utility 4 Task 2: Copy Activity Name from PUC Form	5	03-Apr-24	10-Apr-24	Cal01-5d/8hr/12hol
Utility Service Connections					
ContractNo_U440	Design-Builder Request WO# for Service Connection @ Location XXX (If Required)	5	02-Aug-23	08-Aug-23	Cal01-5d/8hr/12hol
ContractNo_U450	Utility Assigns WO# for Service Connection @ Location XXX (If Required)	5	09-Aug-23	15-Aug-23	Cal01-5d/8hr/12hol
ContractNo_U460	Utility Completes Design and Requests Payment for WO# @ Location XXX (If Required)	20	15-Aug-23	04-Sep-23	Cal04-7d/24Hr/No Hol (Milestones)
ContractNo_U470	Design-Builder installs UG conduit @ Location XXX (If Required)	5	05-Sep-23	11-Sep-23	Cal01-5d/8hr/12hol
ContractNo_U480	Utility Performs Service Connection @ Location XXX (If Required)	2	12-Sep-23	13-Sep-23	Cal01-5d/8hr/12hol
Construction					
General					
ContractNo_PCM1	Schedule Pre-Construction Meeting/Schedule Planning Session	7	24-Jul-23	01-Aug-23	Cal01-5d/8hr/12hol
ContractNo_PCM2	Conduct Pre-Construction Meeting/Schedule Planning Session	0	02-Aug-23		Cal01-5d/8hr/12hol
Start-up					
ContractNo_C910	MassDOT Baseline Survey / Layout of Utility Pole Locations	20	03-Jan-23	31-Jan-23	Cal01-5d/8hr/12hol
ContractNo_C070	Design-Builder Mobilize	20	02-Aug-23	29-Aug-23	Cal01-5d/8hr/12hol
ContractNo_C100	Establish Engineer's Field Office	20	02-Aug-23	29-Aug-23	Cal01-5d/8hr/12hol
ContractNo_C370	Install Traffic Devices, RTTM System, Barriers, Signage	5	01-Nov-23	08-Nov-23	Cal01-5d/8hr/12hol
ContractNo_C080	Install SWPPP Systems	5	08-Nov-23	15-Nov-23	Cal01-5d/8hr/12hol
ContractNo_C900	Design-Builder Performs Utility Enabling Work (If Required)	5	08-Nov-23	15-Nov-23	Cal01-5d/8hr/12hol
Stage 1					
Step A					
ContractNo_C465	Install Temporary Shielding -[Loc ation]	7	10-Apr-24	22-Apr-24	Cal01-5d/8hr/12hol
ContractNo_C480	Environmental Protection of Box Turtles	5	03-Jun-24	07-Jun-24	Cal15-Wtr Acc 1-5d/12hol
ContractNo_C475	Demo Existing Superstructure -[Loc ation]	4	10-Jun-24	13-Jun-24	Cal01-5d/8hr/12hol
ContractNo_C485	Install Water Control Measures -[Lo cation]	6	10-Jun-24	17-Jun-24	Cal15-Wtr Acc 1-5d/12hol
ContractNo_C490	Excavate Abutments & Surrounding Area -[Loc ation]	8	18-Jun-24	28-Jun-24	Cal01-5d/8hr/12hol
ContractNo_C505	Demo Existing Substructure -[Loc ation]	6	01-Jul-24	09-Jul-24	Cal01-5d/8hr/12hol
ContractNo_C515	Set & Grout Precast Abutments -[Lo cation] (NOTE: Ensure Grout Cure Period is accounted for)	4	10-Jul-24	15-Jul-24	Cal01-5d/8hr/12hol
Step B					
ContractNo_C525	Install Steel Beams -[Loc ation]	6	16-Jul-24	23-Jul-24	Cal01-5d/8hr/12hol
ContractNo_C535	Install Precast Decks -[Location]	3	24-Jul-24	26-Jul-24	Cal01-5d/8hr/12hol



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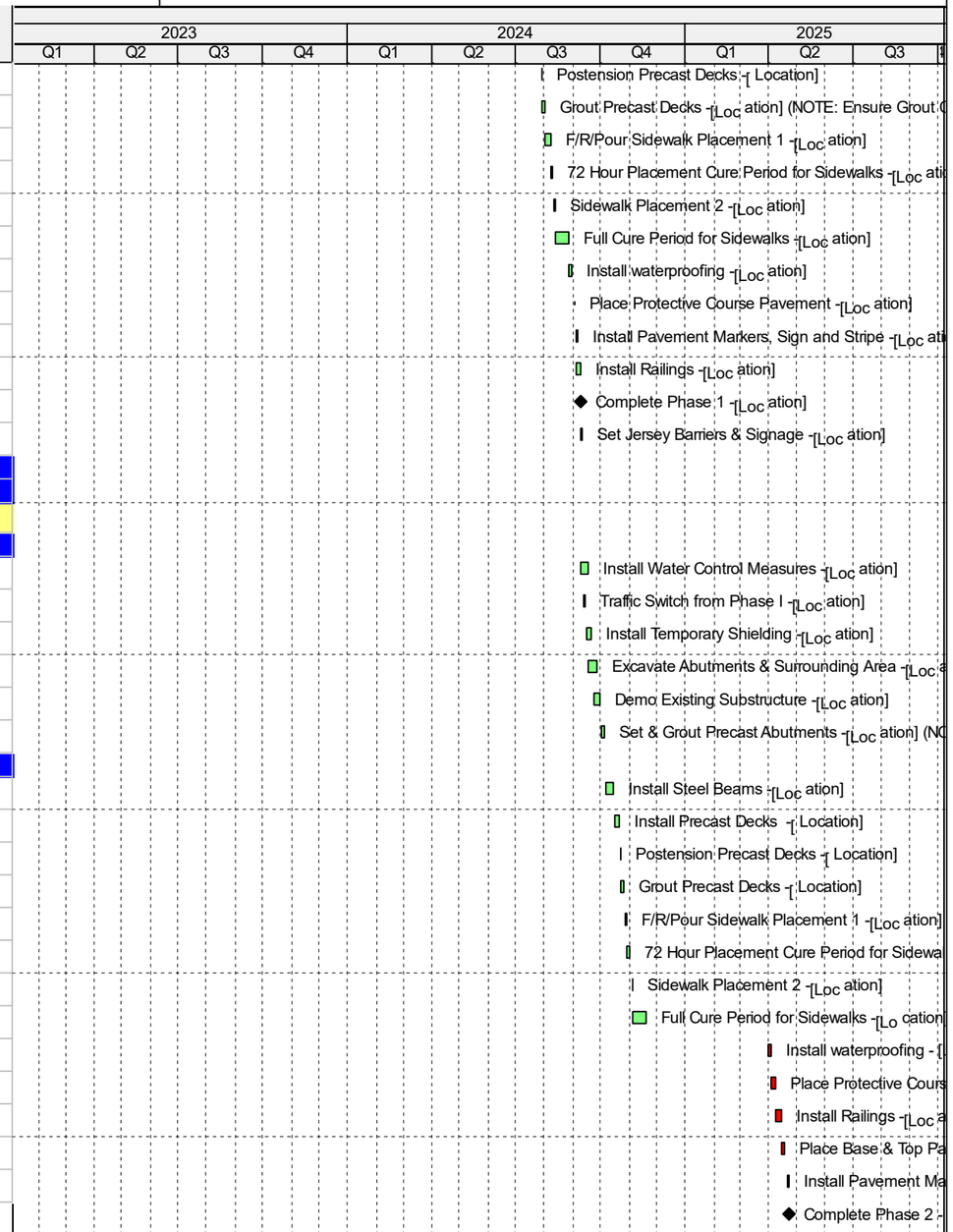
ContractNo_C920	Postension Precast Decks -[Location]	1	29-Jul-24	29-Jul-24	Cal01-5d/8hr/12hol
ContractNo_C545	Grout Precast Decks -[Location] (NOTE: Ensure Grout Cure Period is accounted for)	3	30-Jul-24	01-Aug-24	Cal01-5d/8hr/12hol
ContractNo_C555	F/R/Pour Sidewalk Placement 1 -[Lo cation]	4	02-Aug-24	07-Aug-24	Cal01-5d/8hr/12hol
ContractNo_C930	72 Hour Placement Cure Period for Sidewalks -[Loc ation]	3	07-Aug-24	10-Aug-24	Cal04-7d/24Hr/No Hol (Mile
ContractNo_C940	Sidewalk Placement 2 -[Loc ation]	2	12-Aug-24	13-Aug-24	Cal01-5d/8hr/12hol
ContractNo_C950	Full Cure Period for Sidewalks -[Loc ation]	14	13-Aug-24	27-Aug-24	Cal04-7d/24Hr/No Hol (Mile
ContractNo_C575	Install waterproofing -[Loc ation]	3	28-Aug-24	30-Aug-24	Cal12-Paving 5d/12hol
ContractNo_C580	Place Protective Course Pavement -[Loc ation]	1	03-Sep-24	03-Sep-24	Cal12-Paving 5d/12hol
ContractNo_C590	Install Pavement Markers, Sign and Stripe -[Loc ation]	2	04-Sep-24	05-Sep-24	Cal12-Paving 5d/12hol
ContractNo_C565	Install Railings -[Loc ation]	4	04-Sep-24	09-Sep-24	Cal01-5d/8hr/12hol
ContractNo_C585	Complete Phase 1 -[Loc ation]	0		09-Sep-24	Cal01-5d/8hr/12hol
ContractNo_C595	Set Jersey Barriers & Signage -[Loc ation]	2	10-Sep-24	11-Sep-24	Cal01-5d/8hr/12hol
Step C					
Step D					
Stage 2					
Step A					
ContractNo_C755	Install Water Control Measures -[Lo cation]	6	10-Sep-24	17-Sep-24	Cal15-Wtr Acc 1-5d/12hol
ContractNo_C750	Traffic Switch from Phase I -[Loc ation]	2	12-Sep-24	13-Sep-24	Cal01-5d/8hr/12hol
ContractNo_C765	Install Temporary Shielding -[Loc ation]	5	16-Sep-24	20-Sep-24	Cal01-5d/8hr/12hol
ContractNo_C790	Excavate Abutments & Surrounding Area -[Loc ation]	8	18-Sep-24	27-Sep-24	Cal01-5d/8hr/12hol
ContractNo_C805	Demo Existing Substructure -[Loc ation]	6	23-Sep-24	30-Sep-24	Cal01-5d/8hr/12hol
ContractNo_C815	Set & Grout Precast Abutments -[Lo cation] (NOTE: Ensure Grout Cure Period is accounted for)	4	01-Oct-24	04-Oct-24	Cal01-5d/8hr/12hol
Step B					
ContractNo_C825	Install Steel Beams -[Loc ation]	6	07-Oct-24	15-Oct-24	Cal01-5d/8hr/12hol
ContractNo_C835	Install Precast Decks -[Location]	4	16-Oct-24	21-Oct-24	Cal01-5d/8hr/12hol
ContractNo_C960	Postension Precast Decks -[Location]	1	22-Oct-24	22-Oct-24	Cal01-5d/8hr/12hol
ContractNo_C845	Grout Precast Decks -[Location]	3	23-Oct-24	25-Oct-24	Cal01-5d/8hr/12hol
ContractNo_C855	F/R/Pour Sidewalk Placement 1 -[Lo cation]	2	28-Oct-24	29-Oct-24	Cal01-5d/8hr/12hol
ContractNo_C970	72 Hour Placement Cure Period for Sidewalks -[Loc ation]	3	29-Oct-24	01-Nov-24	Cal04-7d/24Hr/No Hol (Mile
ContractNo_C980	Sidewalk Placement 2 -[Loc ation]	2	04-Nov-24	05-Nov-24	Cal01-5d/8hr/12hol
ContractNo_C990	Full Cure Period for Sidewalks -[Loc ation]	14	05-Nov-24	19-Nov-24	Cal04-7d/24Hr/No Hol (Mile
ContractNo_C875	Install waterproofing -[Loc ation]	3	01-Apr-25	03-Apr-25	Cal12-Paving 5d/12hol
ContractNo_C1000	Place Protective Course Pavement -[Loc ation]	3	04-Apr-25	08-Apr-25	Cal12-Paving 5d/12hol
ContractNo_C865	Install Railings -[Loc ation]	4	09-Apr-25	14-Apr-25	Cal01-5d/8hr/12hol
ContractNo_C880	Place Base & Top Pavement -[Loc ation]	4	15-Apr-25	18-Apr-25	Cal12-Paving 5d/12hol
ContractNo_C890	Install Pavement Markers, Sign and Stripe -[Loc ation]	2	22-Apr-25	23-Apr-25	Cal12-Paving 5d/12hol
ContractNo_C885	Complete Phase 2 -[Loc ation]	0		23-Apr-25	Cal01-5d/8hr/12hol



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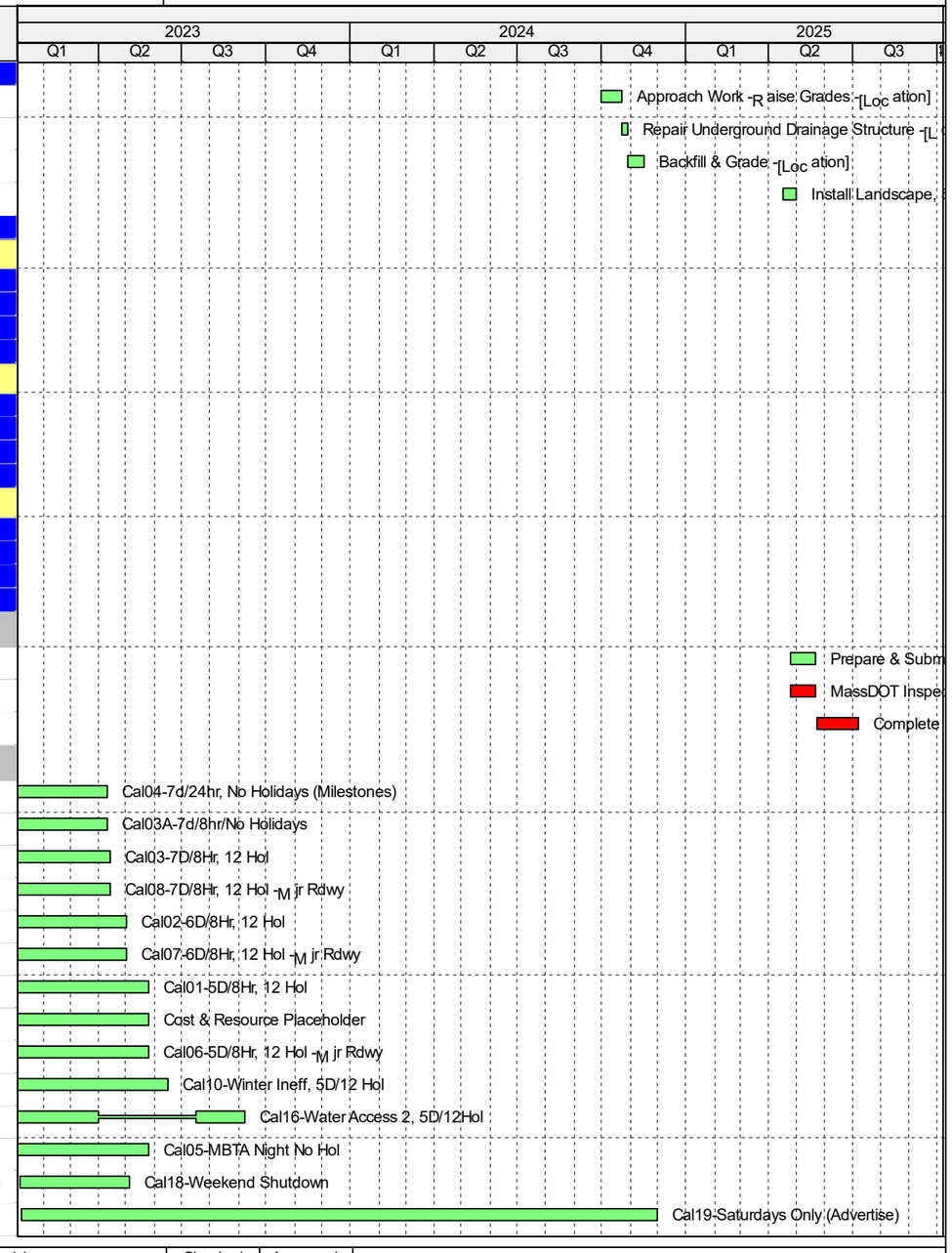
	Step C				
ContractNo_C190	Approach Work -Raise Grades -[Location]	16	30-Sep-24	22-Oct-24	Cal01-5d/8hr/12hol
ContractNo_C200	Repair Underground Drainage Structure -[Location]	5	23-Oct-24	29-Oct-24	Cal01-5d/8hr/12hol
ContractNo_C320	Backfill & Grade -[Location]	12	30-Oct-24	15-Nov-24	Cal01-5d/8hr/12hol
ContractNo_C470	Install Landscape, Sod, Etc. -[Location]	11	16-Apr-25	01-May-25	Cal13-Planting 5d/12hol - E
	Step D				
	Stage 3				
	Step A				
	Step B				
	Step C				
	Step D				
	Stage 4				
	Step A				
	Step B				
	Step C				
	Step D				
	Stage 5				
	Step A				
	Step B				
	Step C				
	Step D				
	Close-Out				
ContractNo_C360	Prepare & Submit Remaining Project Documentation	20	24-Apr-25	21-May-25	Cal01-5d/8hr/12hol
ContractNo_C340	MassDOT Inspection & Generate Punchlist	21	24-Apr-25	22-May-25	Cal01-5d/8hr/12hol
ContractNo_C330	Complete Punchlist & Demobilize	30	23-May-25	08-Jul-25	Cal11-Wntr Shut 5d/12hol
	Placeholder				
ContractNo_CAL04	Cal04-7d/24hr, No Holidays (Milestones)	100	01-Jan-23	11-Apr-23	Cal04-7d/24Hr/No Hol (Mile
ContractNo_CAL03A	Cal03A-7d/8hr/No Holidays	100	01-Jan-23	10-Apr-23	Cal03A -7 d/8hr/No Holiday
ContractNo_CAL03	Cal03-7D/8Hr, 12 Hol	100	02-Jan-23	13-Apr-23	Cal03-7d/8hr/12hol
ContractNo_CAL08	Cal08-7D/8Hr, 12 Hol -Mjr Rdwy	100	02-Jan-23	13-Apr-23	Cal08-7d/8hr/12hol-Mjr Rdv
ContractNo_CAL02	Cal02-6D/8Hr, 12 Hol	100	03-Jan-23	02-May-23	Cal02-6d/8hr/12hol
ContractNo_CAL07	Cal07-6D/8Hr, 12 Hol -Mjr Rdwy	100	03-Jan-23	02-May-23	Cal07-6d/8hr/12hol-MjrRdw
ContractNo_CAL01	Cal01-5D/8Hr, 12 Hol	100	03-Jan-23	25-May-23	Cal01-5d/8hr/12hol
ContractNo_C&RP	Cost & Resource Placeholder	100	03-Jan-23	25-May-23	Cal01-5d/8hr/12hol
ContractNo_CAL06	Cal06-5D/8Hr, 12 Hol -Mjr Rdwy	100	03-Jan-23	25-May-23	Cal06-5d/8hr/12hol-Mjr Rdv
ContractNo_CAL10	Cal10-Winter Ineff, 5D/12 Hol	100	03-Jan-23	16-Jun-23	Cal10-Wntr Ineff 5d/12hol
ContractNo_CAL16	Cal16-Water Access 2, 5D/12Hol	100	03-Jan-23	07-Sep-23	Cal16-Wtr Acc 2-5d/12hol
ContractNo_CAL05	Cal05-MBTA Night No Hol	100	03-Jan-23	25-May-23	Cal05-MBTA Night/12hol
ContractNo_CAL18	Cal18-Weekend Shutdown	100	06-Jan-23	05-May-23	Cal18 -Weekend Shutdow
ContractNo_CAL19	Cal19-Saturdays Only (Advertise)	100	07-Jan-23	30-Nov-24	Cal19 -Saturday Only (Adv



Remaining Level of Effort ◆ Milestone
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work

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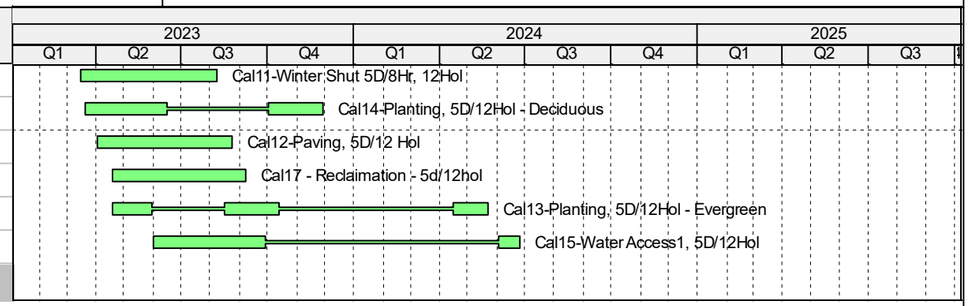
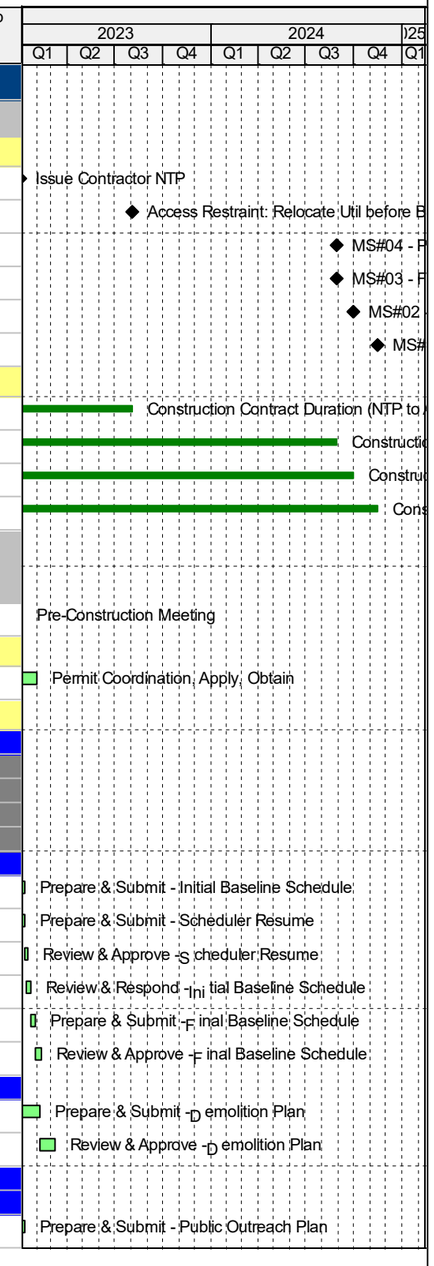
Data Date = 01-Jan-23, Run Date = 27-Jul-23, 09:50
Project Start = 01-Jan-23 Project Finish = 08-Jul-25

Date	Revision	Checked	Approved

Activity ID	Activity Name	OD	Start	Finish	Calendar
ContractNo_CAL11	Cal11-Winter Shut 5D/8Hr, 12Hol	100	16-Mar-23	08-Aug-23	Cal11-Wntr Shut 5d/12hol
ContractNo_CAL14	Cal14-Planting, 5D/12Hol - Deciduous	100	21-Mar-23	28-Nov-23	Cal14-Planting 5d/12hol - D
ContractNo_CAL12	Cal12-Paving, 5D/12 Hol	100	03-Apr-23	24-Aug-23	Cal12-Paving 5d/12hol
ContractNo_CAL17	Cal17 - Reclaimation - 5d/12hol	100	18-Apr-23	08-Sep-23	Cal17 - Reclaimation - 5d/1
ContractNo_CAL13	Cal13-Planting, 5D/12Hol - Evergreen	100	18-Apr-23	23-May-24	Cal13-Planting 5d/12hol - E
ContractNo_CAL15	Cal15-Water Access1, 5D/12Hol	100	01-Jun-23	25-Jun-24	Cal15-Wtr Acc 1-5d/12hol
Deleted Activities					



Activity ID	Activity Name	OD	Start	Finish	Calendar	CST-Phase	CST-SubPh	CST-Respol	CST-Type	CST-Locatic	CST-Step
CSTv2.0											
Milestones											
General											
ContractNo_NTP	Issue Contractor NTP	0	01-Jan-23		Cal04-7d/24hr/No Hol (Mile:	MS	GN	DOT	NA		NS
ContractNo_AR01	Access Restraint: Relocate Util before Bridge Demo	0	02-Aug-23*		Cal04-7d/24hr/No Hol (Mile:	MS	GN	CON	NA		NS
ContractNo_MS04	MS#04 -Perform Final Traffic Move	0		31-Aug-24*	Cal04-7d/24hr/No Hol (Mile:	MS	GN	CON	NA		NS
ContractNo_MS03	MS#03 -Full Beneficial Use	0		31-Aug-24*	Cal04-7d/24hr/No Hol (Mile:	MS	GN	CON	NA		NS
ContractNo_MS02	MS#02 -Substantial Completion	0		01-Oct-24*	Cal04-7d/24hr/No Hol (Mile:	MS	GN	CON	NA		NS
ContractNo_MS01	MS#01 -Contractor Field Completion	0		14-Nov-24*	Cal04-7d/24hr/No Hol (Mile:	MS	GN	CON	NA		NS
Durations											
ContractNo_1030	Construction Contract Duration (NTP to AR01)	214	01-Jan-23	02-Aug-23	Cal04-7d/24hr/No Hol (Mile:	MS	DU	NA	NA		NS
ContractNo_1000	Construction Contract Duration (NTP to FBU)	608	01-Jan-23	31-Aug-24	Cal04-7d/24hr/No Hol (Mile:	MS	DU	NA	NA		NS
ContractNo_1010	Construction Contract Duration (NTP to SC)	640	01-Jan-23	01-Oct-24	Cal04-7d/24hr/No Hol (Mile:	MS	DU	NA	NA		NS
ContractNo_1020	Construction Contract Duration (NTP to CFC)	684	01-Jan-23	14-Nov-24	Cal04-7d/24hr/No Hol (Mile:	MS	DU	NA	NA		NS
Project Wide Preconstruction											
ContractNo_PreCon	Pre-Construction Meeting	1	03-Jan-23	03-Jan-23	Cal01-5d/8hr/12hol	PC	GN	DOT	NA		NS
Permitting											
ContractNo_P300	Permit Coordination, Apply, Obtain	20	03-Jan-23	31-Jan-23	Cal01-5d/8hr/12hol	PC	PE	CON	PRO		NS
Submittals & Procurements											
Subsection 8.01: Subcontractor Approvals											
Licensed Site Professional											
Structure Cleaning Subcontractor											
Electrical Subcontractor											
Bridge Demolition Subcontractor											
Item 100: Schedule of Operations											
ContractNo_P740	Prepare & Submit -Initial Baseline Schedule	10	01-Jan-23	10-Jan-23	Cal03A-7d/8hr/No Holidays	PC	PR	CON	PRO		BLS
ContractNo_P770	Prepare & Submit -Scheduler Resume	5	03-Jan-23	09-Jan-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		BLS
ContractNo_P790	Review & Approve -Scheduler Resume	5	10-Jan-23	14-Jan-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		BLS
ContractNo_P750	Review & Respond -Initial Baseline Schedule	10	11-Jan-23	20-Jan-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		BLS
ContractNo_P760	Prepare & Submit -Final Baseline Schedule	10	21-Jan-23	30-Jan-23	Cal03-7d/8hr/12hol	PC	PR	CON	PRO		BLS
ContractNo_P780	Review & Approve -Final Baseline Schedule	10	31-Jan-23	09-Feb-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		BLS
Item 114.1: Demolition of Superstructure											
ContractNo_P620	Prepare & Submit -Demolition Plan	25	03-Jan-23	07-Feb-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		DEM
ContractNo_P630	Review & Approve -Demolition Plan	30	08-Feb-23	09-Mar-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		DEM
Item 119.5: Construction Noise Control											
Item 149.2: Public Outreach											
ContractNo_P1060	Prepare & Submit -Public Outreach Plan	10	01-Jan-23	10-Jan-23	Cal03A-7d/8hr/No Holidays	PC	PR	CON	PRO		NS



Remaining Level of Effort ◆ ◆ Milestone
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining Work

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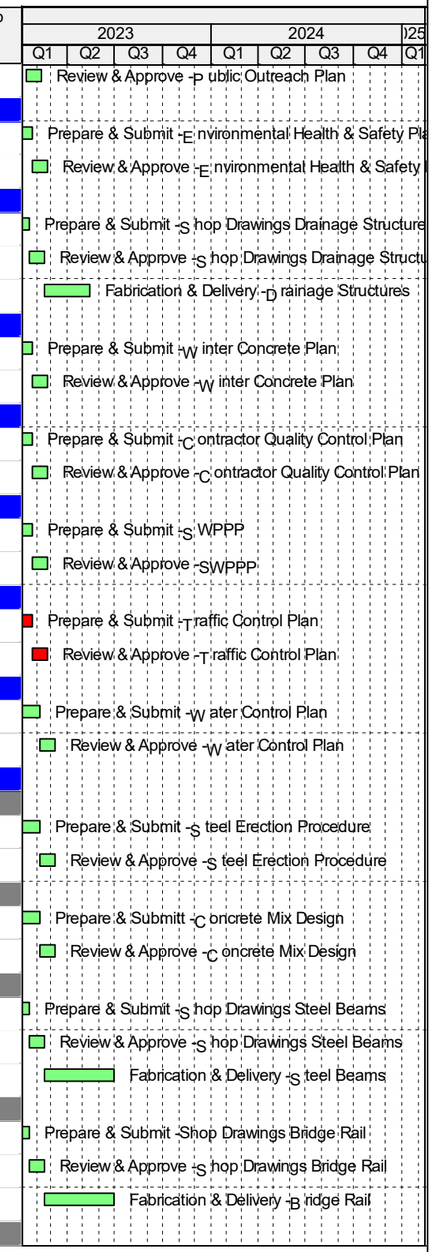
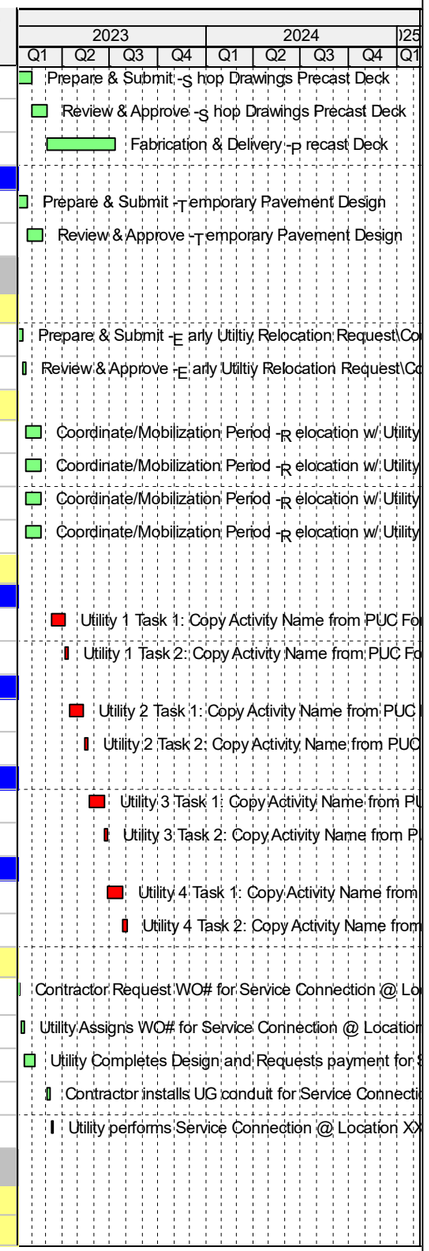
Data Date = 01-Jan-23, Run Date = 27-Jul-23, 09:49
Project Start = 01-Jan-23 Project Finish = 14-Nov-24

Date	Revision	Checked	Approved

Activity ID	Activity Name	OD	Start	Finish	Calendar	CST-Phase	CST-SubPh	CST-Respol	CST-Type	CST-Locatic	CST-Step
ContractNo_P1070	Review & Approve -Public Outreach Plan	30	11-Jan-23	09-Feb-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		NS
Item 180.01: Environmental Health & Safety Program											
ContractNo_P130	Prepare & Submit -Environmental Health & Safety Plan	15	03-Jan-23	24-Jan-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		HSP
ContractNo_P140	Review & Approve -Environmental Health & Safety Plan	30	25-Jan-23	23-Feb-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		HSP
Items 220.x: Drainage Structures											
ContractNo_P550	Prepare & Submit -Shop Drawings Drainage Structures	10	03-Jan-23	17-Jan-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		DRA
ContractNo_P560	Review & Approve -Shop Drawings Drainage Structures	30	18-Jan-23	16-Feb-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		DRA
ContractNo_P580	Fabrication & Delivery -Drainage Structures	60	17-Feb-23	15-May-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		DRA
Item 701.47: Winter Concrete Plan											
ContractNo_P720	Prepare & Submit -Winter Concrete Plan	15	03-Jan-23	24-Jan-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		WNT
ContractNo_P730	Review & Approve -Winter Concrete Plan	30	25-Jan-23	23-Feb-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		WNT
Item 701.61: Contractor Quality Control Plan											
ContractNo_P1080	Prepare & Submit -Contractor Quality Control Plan	15	03-Jan-23	24-Jan-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		NS
ContractNo_P1090	Review & Approve -Contractor Quality Control Plan	30	25-Jan-23	23-Feb-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		NS
Item 756: Stormwater Water Protection Plan											
ContractNo_P160	Prepare & Submit -SWPPP	15	03-Jan-23	24-Jan-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		SWP
ContractNo_P170	Review & Approve -SWPPP	30	25-Jan-23	23-Feb-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		SWP
Items 850.x: Traffic Control for Construction and Maint Operations											
ContractNo_P190	Prepare & Submit -Traffic Control Plan	15	03-Jan-23	24-Jan-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		TCP
ContractNo_P200	Review & Approve -Traffic Control Plan	30	25-Jan-23	23-Feb-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		TCP
Item 991.1: Control of Water											
ContractNo_P640	Prepare & Submit -Water Control Plan	25	03-Jan-23	07-Feb-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		WCP
ContractNo_P650	Review & Approve -Water Control Plan	30	08-Feb-23	09-Mar-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		WCP
Item 995.01: Bridge											
Steel Erection Procedure											
ContractNo_P600	Prepare & Submit -Steel Erection Procedure	25	03-Jan-23	07-Feb-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		SEP
ContractNo_P610	Review & Approve -Steel Erection Procedure	30	08-Feb-23	09-Mar-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		SEP
Subitem 901: 4000 PSI 1.5 in., 565 Cement Concrete											
ContractNo_P100	Prepare & Submitt -Concrete Mix Design	25	03-Jan-23	07-Feb-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		CMD
ContractNo_P110	Review & Approve -Concrete Mix Design	30	08-Feb-23	09-Mar-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		CMD
Subitem 960.01: Structural Steel -Coated Steel											
ContractNo_P450	Prepare & Submit -Shop Drawings Steel Beams	10	03-Jan-23	17-Jan-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		STL
ContractNo_P460	Review & Approve -Shop Drawings Steel Beams	30	18-Jan-23	16-Feb-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		STL
ContractNo_P480	Fabrication & Delivery -Steel Beams	90	17-Feb-23	28-Jun-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		STL
Subitem 975.1: Metal Bridge Railing (3 Rail), Steel (Type S3-TL4)											
ContractNo_P690	Prepare & Submit -Shop Drawings Bridge Rail	10	03-Jan-23	17-Jan-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		BRR
ContractNo_P700	Review & Approve -Shop Drawings Bridge Rail	30	18-Jan-23	16-Feb-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		BRR
ContractNo_P710	Fabrication & Delivery -Bridge Rail	90	17-Feb-23	28-Jun-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		BRR
Precast Decks											



Activity ID	Activity Name	OD	Start	Finish	Calendar	CST-Phase	CST-SubPh	CST-Respo	CST-Type	CST-Locatic	CST-Step
ContractNo_P660	Prepare & Submit -Shop Drawings Precast Deck	20	03-Jan-23	31-Jan-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		PCD
ContractNo_P670	Review & Approve -Shop Drawings Precast Deck	30	01-Feb-23	02-Mar-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		PCD
ContractNo_P680	Fabrication & Delivery -Precast Deck	90	03-Mar-23	12-Jul-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		PCD
Temporary Pavement Design											
ContractNo_P220	Prepare & Submit -Temporary Pavement Design	15	03-Jan-23	24-Jan-23	Cal01-5d/8hr/12hol	PC	PR	CON	PRO		TPD
ContractNo_P230	Review & Approve -Temporary Pavement Design	30	25-Jan-23	23-Feb-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		TPD
Utility											
Utility Relocation & Coordination Plan											
ContractNo_P250	Prepare & Submit -Early Utiltiy Relocation Request\Coordination Plan	14	01-Jan-23	14-Jan-23	Cal03A-7d/8hr/No Holidays	PC	PR	CON	PRO		URP
ContractNo_P260	Review & Approve -Early Utiltiy Relocation Request\Coordination Plan	7	15-Jan-23	21-Jan-23	Cal03A-7d/8hr/No Holidays	PC	PR	DOT	PRO		URP
Utility Notifications & Meetings											
ContractNo_U100	Coordinate/Mobilization Period -Relocation w/ Utility Company -[Insert Utility 1 Name]	30	22-Jan-23	20-Feb-23	Cal03A-7d/8hr/No Holidays	UR	GN	CON	UTIL		NS
ContractNo_U350	Coordinate/Mobilization Period -Relocation w/ Utility Company -[Insert Utility 2 Name]	30	22-Jan-23	20-Feb-23	Cal03A-7d/8hr/No Holidays	UR	GN	CON	UTIL		NS
ContractNo_U360	Coordinate/Mobilization Period -Relocation w/ Utility Company -[Insert Utility 3 Name]	30	22-Jan-23	20-Feb-23	Cal03A-7d/8hr/No Holidays	UR	GN	CON	UTIL		NS
ContractNo_U370	Coordinate/Mobilization Period -Relocation w/ Utility Company -[Insert Utility 4 Name]	30	22-Jan-23	20-Feb-23	Cal03A-7d/8hr/No Holidays	UR	GN	CON	UTIL		NS
Utility Relocation											
Utility 1 PUC Tasks											
ContractNo_U340	Utility 1 Task 1: Copy Activity Name from PUC Form	20	10-Mar-23	06-Apr-23	Cal01-5d/8hr/12hol	UR	GN	CON	UTIL		NS
ContractNo_U120	Utility 1 Task 2: Copy Activity Name from PUC Form	5	07-Apr-23	13-Apr-23	Cal01-5d/8hr/12hol	UR	GN	CON	UTIL		NS
Utility 2 PUC Tasks											
ContractNo_U380	Utility 2 Task 1: Copy Activity Name from PUC Form	20	14-Apr-23	12-May-23	Cal01-5d/8hr/12hol	UR	GN	CON	UTIL		NS
ContractNo_U390	Utility 2 Task 2: Copy Activity Name from PUC Form	5	15-May-23	19-May-23	Cal01-5d/8hr/12hol	UR	GN	CON	UTIL		NS
Utility 3 PUC Tasks											
ContractNo_U400	Utility 3 Task 1: Copy Activity Name from PUC Form	20	22-May-23	20-Jun-23	Cal01-5d/8hr/12hol	UR	GN	CON	UTIL		NS
ContractNo_U410	Utility 3 Task 2: Copy Activity Name from PUC Form	5	21-Jun-23	27-Jun-23	Cal01-5d/8hr/12hol	UR	GN	CON	UTIL		NS
Utility 4 PUC Tasks											
ContractNo_U420	Utility 4 Task 1: Copy Activity Name from PUC Form	20	28-Jun-23	26-Jul-23	Cal01-5d/8hr/12hol	UR	GN	CON	UTIL		NS
ContractNo_U430	Utility 4 Task 2: Copy Activity Name from PUC Form	5	27-Jul-23	02-Aug-23	Cal01-5d/8hr/12hol	UR	GN	CON	UTIL		NS
Utility Service Connections											
ContractNo_U440	Contractor Request WO# for Service Connection @ Location XXX (If Required)	5	04-Jan-23	10-Jan-23	Cal01-5d/8hr/12hol	UR	P03	CON	UTIL	Quadrant 3	SD
ContractNo_U450	Utility Assigns WO# for Service Connection @ Location XXX (If Required)	5	11-Jan-23	18-Jan-23	Cal01-5d/8hr/12hol	UR	P03	UKE	UTIL	Quadrant	SD
ContractNo_U460	Utility Completes Design and Requests payment for Service Connection WO# (If Required)	20	18-Jan-23	07-Feb-23	Cal04-7d/24hr/No Hol (Mile:	UR	P03	UKE	UTIL	Quadrant	SD
ContractNo_U470	Contractor installs UG conduit for Service Connection @ Location XXX (If Required)	5	03-Mar-23	09-Mar-23	Cal01-5d/8hr/12hol	UR	P03	CON	UTIL	Quadrant	SD
ContractNo_U480	Utility performs Service Connection @ Location XXX (If Required)	2	10-Mar-23	13-Mar-23	Cal01-5d/8hr/12hol	UR	P03	UKE		Quadrant	SD
Construction											
General											
Start-up											



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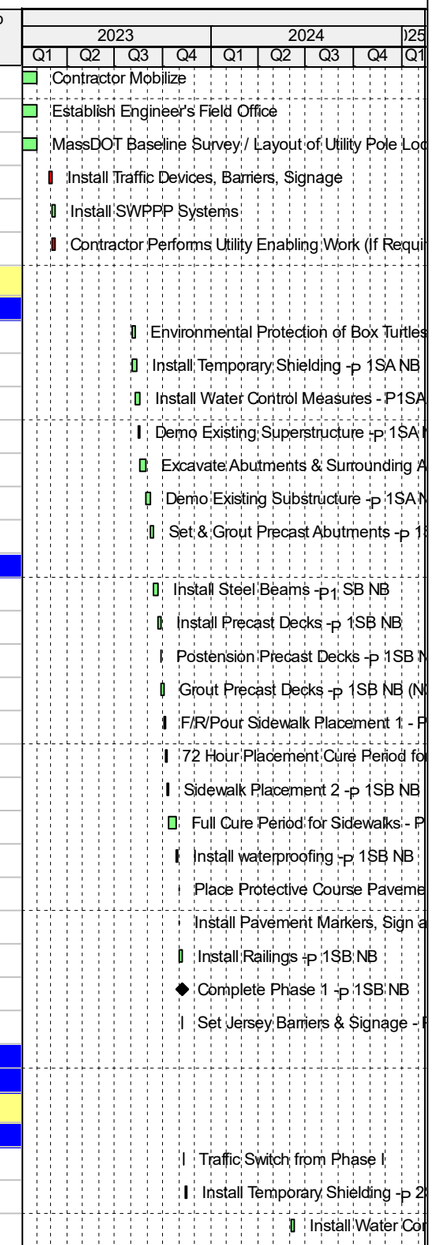
Layout = CST01-Baseline-All, Filter = TASK filter: All Activities
Data Date = 01-Jan-23, Run Date = 27-Jul-23, 09:49
Project Start = 01-Jan-23 Project Finish = 14-Nov-24

Date	Revision	Checked	Approved

Prepared by MassDOT Highway

Activity ID	Activity Name	OD	Start	Finish	Calendar	CST-Phase	CST-SubPh	CST-Respor	CST-Type	CST-Locatic	CST-Step
ContractNo_C070	Contractor Mobilize	20	04-Jan-23	01-Feb-23	Cal01-5d/8hr/12hol	CN	GN	CON	NA		NS
ContractNo_C100	Establish Engineer's Field Office	20	04-Jan-23	01-Feb-23	Cal01-5d/8hr/12hol	CN	GN	CON	NA		NS
ContractNo_C910	MassDOT Baseline Survey / Layout of Utility Pole Locations	20	04-Jan-23	01-Feb-23	Cal01-5d/8hr/12hol	CN	GN	CON	NA		NS
ContractNo_C370	Install Traffic Devices, Barriers, Signage	5	24-Feb-23	02-Mar-23	Cal01-5d/8hr/12hol	CN	GN	CON	SITE		NS
ContractNo_C080	Install SWPPP Systems	5	03-Mar-23	09-Mar-23	Cal01-5d/8hr/12hol	CN	GN	CON	SITE		NS
ContractNo_C900	Contractor Performs Utility Enabling Work (If Required)	5	03-Mar-23	09-Mar-23	Cal01-5d/8hr/12hol	CN	GN	CON	SITE		NS
Stage 1											
Step A											
ContractNo_C480	Environmental Protection of Box Turtles -P 1SA NB	5	03-Aug-23	09-Aug-23	Cal15-Wtr Acc 1-5d/12hol	CN	P01	CON	EART		SA
ContractNo_C465	Install Temporary Shielding -P 1SA NB	7	03-Aug-23	11-Aug-23	Cal01-5d/8hr/12hol	CN	P01	CON	DEMO		SA
ContractNo_C485	Install Water Control Measures -P 1SA NB	6	10-Aug-23	17-Aug-23	Cal15-Wtr Acc 1-5d/12hol	CN	P01	CON	WATE		SA
ContractNo_C475	Demo Existing Superstructure -P 1SA NB	4	14-Aug-23	17-Aug-23	Cal01-5d/8hr/12hol	CN	P01	CON	DEMO		SA
ContractNo_C490	Excavate Abutments & Surrounding Area -P 1SA NB	8	18-Aug-23	29-Aug-23	Cal01-5d/8hr/12hol	CN	P01	CON	EART		SA
ContractNo_C505	Demo Existing Substructure -P 1SA NB	6	30-Aug-23	07-Sep-23	Cal01-5d/8hr/12hol	CN	P01	CON	DEMO		SA
ContractNo_C515	Set & Grout Precast Abutments -P 1SA NB (NOTE: Ensure Grout Cure Period is accounted for)	4	08-Sep-23	13-Sep-23	Cal01-5d/8hr/12hol	CN	P01	CON	CONC		SA
Step B											
ContractNo_C525	Install Steel Beams -P1 SB NB	6	13-Sep-23	21-Sep-23	Standard 5 Day Workweek	CN	P01	CON	STEE		SB
ContractNo_C535	Install Precast Decks -P 1SB NB	3	22-Sep-23	26-Sep-23	Cal01-5d/8hr/12hol	CN	P01	CON	CONC		SB
ContractNo_C920	Postension Precast Decks -P 1SB NB	1	27-Sep-23	27-Sep-23	Cal01-5d/8hr/12hol	CN	P01	CON	CONC		SB
ContractNo_C545	Grout Precast Decks -P 1SB NB (NOTE: Ensure Grout Cure Period is accounted for)	3	28-Sep-23	02-Oct-23	Cal01-5d/8hr/12hol	CN	P01	CON	CONC		SB
ContractNo_C555	F/R/Pour Sidewalk Placement 1 -P 1SB NB	4	03-Oct-23	06-Oct-23	Cal01-5d/8hr/12hol	CN	P01	CON	CONC		SB
ContractNo_C930	72 Hour Placement Cure Period for Sidewalks -P 1SB NB	3	06-Oct-23	09-Oct-23	Cal04-7d/24hr/No Hol (Mile:	CN	P01	CON	CONC		SB
ContractNo_C940	Sidewalk Placement 2 -P 1SB NB	2	10-Oct-23	11-Oct-23	Cal01-5d/8hr/12hol	CN	P01	CON	CONC		SB
ContractNo_C950	Full Cure Period for Sidewalks -P 1SB NB	14	11-Oct-23	25-Oct-23	Cal04-7d/24hr/No Hol (Mile:	CN	P01	CON	CONC		SB
ContractNo_C575	Install waterproofing -P 1SB NB	3	26-Oct-23	30-Oct-23	Cal12-Paving 5d/12hol	CN	P01	CON	CONC		SB
ContractNo_C580	Place Protective Course Pavement -P 1SB NB	1	31-Oct-23	31-Oct-23	Cal12-Paving 5d/12hol	CN	P01	CON	SITE		SB
ContractNo_C590	Install Pavement Markers, Sign and Stripe -P 1SB NB	2	01-Nov-23	02-Nov-23	Cal12-Paving 5d/12hol	CN	P01	CON	SITE		SB
ContractNo_C565	Install Railings -P 1SB NB	4	01-Nov-23	06-Nov-23	Cal01-5d/8hr/12hol	CN	P01	CON	STEE		SB
ContractNo_C585	Complete Phase 1 -P 1SB NB	0		06-Nov-23	Cal01-5d/8hr/12hol	CN	P01	CON	NA		SB
ContractNo_C595	Set Jersey Barriers & Signage -P 1SB NB	2	07-Nov-23	08-Nov-23	Cal01-5d/8hr/12hol	CN	P01	CON	SITE		SB
Step C											
Step D											
Stage 2											
Step A											
ContractNo_C750	Traffic Switch from Phase I	2	09-Nov-23	10-Nov-23	Cal01-5d/8hr/12hol	CN	P02	CON	SITE		SA
ContractNo_C765	Install Temporary Shielding -P 2SA SB	5	13-Nov-23	17-Nov-23	Cal01-5d/8hr/12hol	CN	P02	CON	DEMO		SA
ContractNo_C755	Install Water Control Measures -P 2SA SB	6	03-Jun-24	10-Jun-24	Cal15-Wtr Acc 1-5d/12hol	CN	P02	CON	WATE		SA



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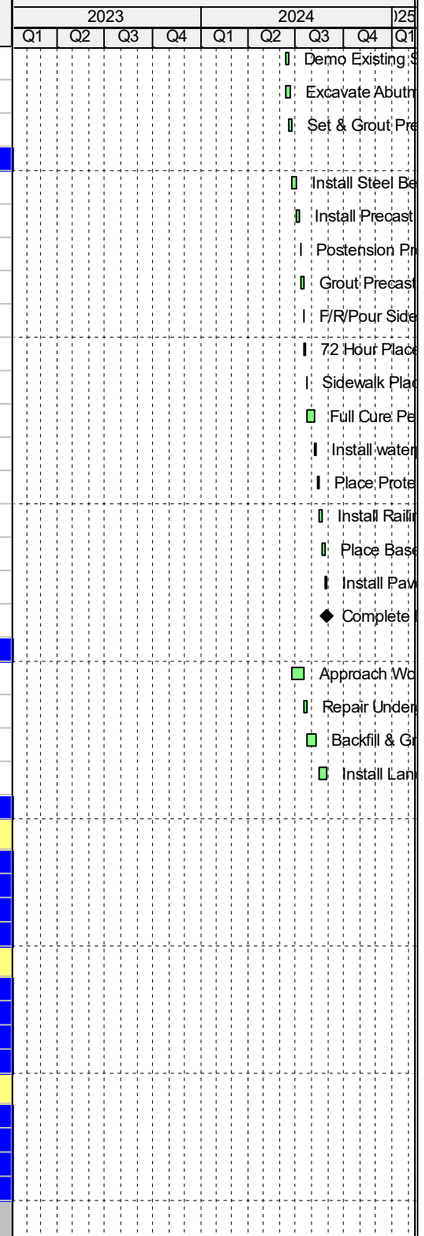
Activity ID	Activity Name	OD	Start	Finish	Calendar	CST-Phase	CST-SubPh	CST-Respor	CST-Type	CST-Locatic	CST-Step
ContractNo_C805	Demo Existing Substructure -P2 SA SB	5	11-Jun-24	17-Jun-24	Cal01-5d/8hr/12hol	CN	P02	CON	DEMO		SA
ContractNo_C790	Excavate Abutments & Surrounding Area -P 2SA SB	8	11-Jun-24	21-Jun-24	Cal01-5d/8hr/12hol	CN	P02	CON	EART		SA
ContractNo_C815	Set & Grout Precast Abutments -P 2SA SB (NOTE: Ensure Grout Cure Period is accounted for)	4	18-Jun-24	24-Jun-24	Cal01-5d/8hr/12hol	CN	P02	CON	CONC		SA
Step B											
ContractNo_C825	Install Steel Beams -P2 SB SB	6	25-Jun-24	02-Jul-24	Cal01-5d/8hr/12hol	CN	P02	CON	STEE		SB
ContractNo_C835	Install Precast Decks -P 2SB SB	4	03-Jul-24	09-Jul-24	Cal01-5d/8hr/12hol	CN	P02	CON	CONC		SB
ContractNo_C960	Postension Precast Decks -P 2SB SB	1	10-Jul-24	10-Jul-24	Cal01-5d/8hr/12hol	CN	P02	CON	CONC		SB
ContractNo_C845	Grout Precast Decks -P 2SB SB	3	11-Jul-24	15-Jul-24	Cal01-5d/8hr/12hol	CN	P02	CON	CONC		SB
ContractNo_C855	F/R/Pour Sidewalk Placement 1 -P 2SB SB	2	16-Jul-24	17-Jul-24	Cal01-5d/8hr/12hol	CN	P02	CON	CONC		SB
ContractNo_C970	72 Hour Placement Cure Period for Sidewalks -P 2SB SB	3	17-Jul-24	20-Jul-24	Cal04-7d/24hr/No Hol (Mile:	CN	P02	CON	CONC		SB
ContractNo_C980	Sidewalk Placement 2 -P 2SB SB	2	22-Jul-24	23-Jul-24	Cal01-5d/8hr/12hol	CN	P02	CON	CONC		SB
ContractNo_C990	Full Cure Period for Sidewalks -P 2SB SB	14	23-Jul-24	06-Aug-24	Cal04-7d/24hr/No Hol (Mile:	CN	P02	CON	CONC		SB
ContractNo_C875	Install waterproofing -P 2SB SB	3	07-Aug-24	09-Aug-24	Cal12-Paving 5d/12hol	CN	P02	CON	CONC		SB
ContractNo_C1000	Place Protective Course Pavement -P 2SB SB	3	12-Aug-24	14-Aug-24	Cal12-Paving 5d/12hol	CN	P02	CON	CONC		SB
ContractNo_C865	Install Railings -P2 SB SB	4	15-Aug-24	20-Aug-24	Cal01-5d/8hr/12hol	CN	P02	CON	STEE		SB
ContractNo_C880	Place Base & Top Pavement -P2 SB SB	4	21-Aug-24	26-Aug-24	Cal12-Paving 5d/12hol	CN	P02	CON	SITE		SB
ContractNo_C890	Install Pavement Markers, Sign and Stripe -P 2SB SB	2	27-Aug-24	28-Aug-24	Cal12-Paving 5d/12hol	CN	P02	CON	SITE		SB
ContractNo_C885	Complete Phase 2 -P2 SB SB	0		28-Aug-24	Cal01-5d/8hr/12hol	CN	P02	CON	NA		SB
Step C											
ContractNo_C190	Approach Work -R aise Grades -P 2SC SB RDWY	16	24-Jun-24	16-Jul-24	Cal01-5d/8hr/12hol	CN	P02	CON	EART		SC
ContractNo_C200	Repair Underground Drainage Structure -P 2SC SB RDWY	5	17-Jul-24	23-Jul-24	Cal01-5d/8hr/12hol	CN	P02	CON	SITE		SC
ContractNo_C320	Backfill & Grade -P 2SC SB RDWY	12	24-Jul-24	08-Aug-24	Cal01-5d/8hr/12hol	CN	P02	CON	EART		SC
ContractNo_C470	Install Landscape, Sod, Etc. -P 2SC SB RDWY	11	16-Aug-24	30-Aug-24	Cal13-Planting 5d/12hol - E	CN	P02	CON	SITE		SC
Step D											
Stage 3											
Step A											
Step B											
Step C											
Step D											
Stage 4											
Step A											
Step B											
Step C											
Step D											
Stage 5											
Step A											
Step B											
Step C											
Step D											
Close-Out											



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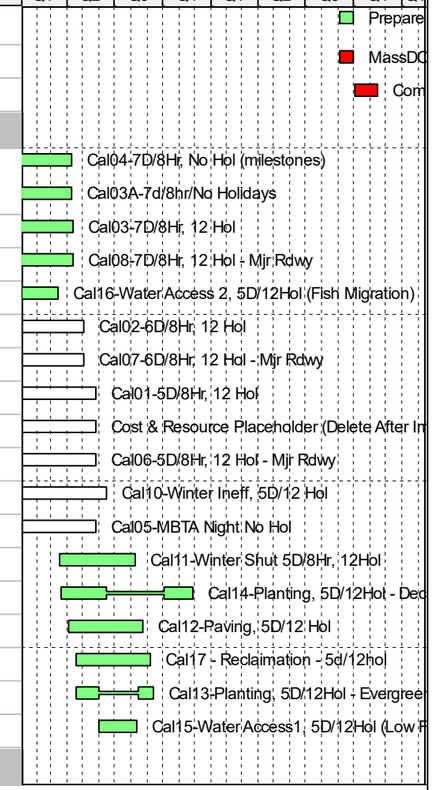
Activity ID	Activity Name	OD	Start	Finish	Calendar	CST-Phase	CST-SubPh	CST-Respoi	CST-Type	CST-Locatic	CST-Step
ContractNo_C360	Prepare & Submit Remaining Project Documentation	20	03-Sep-24	30-Sep-24	Cal01-5d/8hr/12hol	CL	GN	CON	NA		NS
ContractNo_C340	MassDOT Inspection & Generate Punchlist	21	03-Sep-24	01-Oct-24	Cal01-5d/8hr/12hol	CL	GN	DOT	NA		NS
ContractNo_C330	Complete Punchlist & Demobilize	30	02-Oct-24	14-Nov-24	Cal11-Wntr Shut 5d/12hol	CL	GN	CON	NA		NS
Placeholder											
ContractNo_CAL04	Cal04-7D/8Hr, No Hol (milestones)	100	01-Jan-23	10-Apr-23	Cal03A-7d/8hr/No Holidays	PL	CP	NA	NA		NS
ContractNo_CAL03A	Cal03A-7d/8hr/No Holidays	100	01-Jan-23	10-Apr-23	Cal03A-7d/8hr/No Holidays	PL	CP	NA	NA		NS
ContractNo_CAL03	Cal03-7D/8Hr, 12 Hol	100	02-Jan-23	13-Apr-23	Cal03-7d/8hr/12hol	PL	CP	NA	NA		NS
ContractNo_CAL08	Cal08-7D/8Hr, 12 Hol - Mjr Rdwy	100	02-Jan-23	13-Apr-23	Cal08-7d/8hr/12hol-Mjr Rdv	PL	CP	NA	NA		NS
ContractNo_CAL16	Cal16-Water Access 2, 5D/12Hol (Fish Migration)	50	03-Jan-23	15-Mar-23	Cal16-Wtr Acc 2-5d/12hol	PL	CP	NA	NA		NS
ContractNo_CAL02	Cal02-6D/8Hr, 12 Hol	100	03-Jan-23	02-May-23	Cal02-6d/8hr/12hol	PL	CP	NA	NA		NS
ContractNo_CAL07	Cal07-6D/8Hr, 12 Hol - Mjr Rdwy	100	03-Jan-23	02-May-23	Cal07-6d/8hr/12hol-MjrRdw	PL	CP	NA	NA		NS
ContractNo_CAL01	Cal01-5D/8Hr, 12 Hol	100	03-Jan-23	25-May-23	Cal01-5d/8hr/12hol	PL	CP	NA	NA		NS
ContractNo_C&RP	Cost & Resource Placeholder (Delete After Importing)	100	03-Jan-23	25-May-23	Cal01-5d/8hr/12hol	PL	CP	NA	NA		NS
ContractNo_CAL06	Cal06-5D/8Hr, 12 Hol - Mjr Rdwy	100	03-Jan-23	25-May-23	Cal06-5d/8hr/12hol-Mjr Rdv	PL	CP	NA	NA		NS
ContractNo_CAL10	Cal10-Winter Ineff, 5D/12 Hol	100	03-Jan-23	16-Jun-23	Cal10-Wntr Ineff 5d/12hol	PL	CP	NA	NA		NS
ContractNo_CAL05	Cal05-MBTA Night No Hol	100	03-Jan-23	25-May-23	Cal05-MBTA Night/12hol	PL	CP	NA	NA		NS
ContractNo_CAL11	Cal11-Winter Shut 5D/8Hr, 12Hol	100	16-Mar-23	08-Aug-23	Cal11-Wntr Shut 5d/12hol	PL	CP	NA	NA		NS
ContractNo_CAL14	Cal14-Planting, 5D/12Hol - Deciduous	100	21-Mar-23	28-Nov-23	Cal14-Planting 5d/12hol - D	PL	CP	NA	NA		NS
ContractNo_CAL12	Cal12-Paving, 5D/12 Hol	100	03-Apr-23	24-Aug-23	Cal12-Paving 5d/12hol	PL	CP	NA	NA		NS
ContractNo_CAL17	Cal17 - Reclaimation - 5d/12hol	100	18-Apr-23	08-Sep-23	Cal17-Reclaimation-5d/12h	PL	CP	NA	NA		NS
ContractNo_CAL13	Cal13-Planting, 5D/12Hol - Evergreen	50	18-Apr-23	12-Sep-23	Cal13-Planting 5d/12hol - E	PL	CP	NA	NA		NS
ContractNo_CAL15	Cal15-Water Access1, 5D/12Hol (Low Flow)	50	01-Jun-23	11-Aug-23	Cal15-Wtr Acc 1-5d/12hol	PL	CP	NA	NA		NS
Deleted Activities											



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ATTACHMENT E: COST ACCOUNTS

ATTACHMENT E – COST ACCOUNTS

Cost Account ID	Cost Account Name
100	SCHEDULE OF OPERATIONS - FIXED PRICE $_____
100.001	ELECTRICIAN
100.002	LABORER
100.003	SKILLED LABORER
100.004	WELDER
100.005	PLUMBER
100.006	CARPENTER
100.007	MECHANIC
100.008	MILLWRIGHT
100.009	EQUIPMENT OPERATOR
100.01	IRONWORKER
100.011	MACHINIST
100.1	BASE LABOR RATE
100.4	STORAGE FACILITY OR BUILDING
100.5	ELECTRICAL WORK
100.6	PLUMBING WORK
100.61	HVAC WORK
100.7	ROOFING AND FLASHING WORK
100.71	MASONRY WORK
100.72	LATHING AND PLASTERING WORK
100.73	GLASS AND GLAZING WORK
100.74	METAL WINDOWS WORK
100.75	PAINTING
100.76	TILES
100.77	RESILENT FLOORING
100.78	MISCELLANEOUS AND ORNAMENTAL IRON WORK
100.8	ELEVATORS
101	CLEARING AND GRUBBING
101.1	CLEARING SITE
102	SELECTIVE CLEARING AND THINNING
102.01	SELECTIVE CLEARING AND GRUBBING
102.1	TREE TRIMMING
102.5	ROADSIDE TREE PROTECTION
102.51	INDIVIDUAL TREE PROTECTION
102.52	TEMPORARY TREE PROTECTION FENCE
103	TREE REMOVED - DIAMETER UNDER 24 INCHES
103.1	HEDGES REMOVED
104	TREE REMOVED - DIAMETER 24 INCHES AND OVER
105	STUMP REMOVED
105.4	TREE REMOVED (EXCLUDING STUMP) DIAMETER UNDER 24 INCHES
105.43	TREE REMOVED (EXCLUDING STUMP) DIAMETER 24 INCHES AND OVER
106.101	BEARING ADJUSTMENT
106.11	BLEEDER (BRIDGE DECK)
106.12	BRIDGE CURB REMOVED AND RESET
106.13	BRIDGE FENCE POST ANCHOR BOLT

Cost Account ID	Cost Account Name
106.14	BRIDGE SCUPPER
106.15	BLEEDER (BRIDGE DECK) PVC
106.2	CEMENT CONCRETE REFINISHING
106.21	CLEAN AND REPOINT JOINTS IN GRANITE (MASONRY) STRUCTURE
106.251	CEMENT MORTAR FOR PATCHING
106.28	CLEANING ABUTMENT DRAIN
106.301	CLEAN AND PAINT STRUCTURAL STEEL
106.302	CLEAN AND PAINT STRUCTURAL STEEL-1
106.33	CLEAN, PAINT + REPAIR HIGHWAY LIGHTING ASSEM.(DOUBLE LUM.)
106.331	CLEAN, PAINT + REPAIR HIGHWAY LIGHTING ASSEM.(SINGLE LUM.)
106.34	CLEAR COATING
106.407	JACKING AND SHORING EXISTING FLOOR BEAM
106.408	JACKING AND SHORING EXISTING PLATE GIRDER
106.49	ELASTOMERIC EXPANSION JOINT
106.5	ELASTOMERIC JOINT SEALER
106.61	GEARS AND RACKS RENEWED
106.86	HIGHWAY CLEANING
106.87	JACKING SUPERSTRUCTURE
106.88	JACKING AND SHORING
106.9	JOINT FILLER COMPOUND
106.91	JOINT FILLER COMPOUND-1
106.92	JOURNAL REPAIRED
107.02	LOW ALLOY STEEL PLATES
107.1	MACHINERY AND STRUCTURAL REPAIRS
107.12	MAINTENANCE AND CARE OF NURSERY STOCK
107.14	METAL BRIDGE PLANK
107.15	METAL GUTTER
107.17	MISCELLANEOUS STEEL FOR MACHINERY
107.18	MISCELLANEOUS STRUCTURAL STEEL
107.3	OVERHEAD SIGN SUPPORT CLEANED AND PAINTED
107.31	OVERHEAD SIGN SUPPORT CLEANED AND PAINTED-1
107.4	PAINTING STEEL
107.41	PAINTING STRUCTURE
107.42	PENTA TREATED LUMBER
107.43	BRONZE SELF-LUBRICATING BEARING PLATES
107.44	PNEUMATICALLY APPLIED MORTAR
107.441	REMOVAL OF EXISTING GUNITE
107.45	PNEUMATICALLY APPLIED MORTAR-1
107.46	PREFORMED COMPRESSION JOINT
107.47	PREFORMED ELASTOMERIC COMPRESSION JOINT SEALER
107.48	PREFORMED JOINT FILLER
107.62	REMOVAL AND DISPOSAL OF FENDER PIER (PILES AND TIMBERS)
107.63	REMOVAL AND REPLACEMENT OF WALKS

Cost Account ID	Cost Account Name
107.64	REMOVAL AND REPLACEMENT OF BRIDGE RAILING
107.68	ROADWAY EXPANSION DAM ASSEMBLY REMOVED AND RESET
107.81	SAFETY TRUCK
107.82	SCUPPER REMOVED AND RESET
107.84	SEALING LONGITUDINAL JOINTS IN CEMENT CONCRETE PAVEMENT
107.85	SEALING RANDOM CRACKS IN CEMENT CONCRETE PAVEMENT
107.855	PRESSURE INJECTION OF CRACKS
107.856	PRESSURE INJECTION OF VOIDS UNDER ARMORED JOINT ANGLES
107.86	SEALING CRACKS IN ASPHALT PAVEMENT
107.87	CAULKING JOINTS AND RANDOM CRACKS
107.89	SIGN SUPPORT FOUNDATION REPAIR
107.9	SIGN OVERLAY
107.94	STEEL GRATING FOR WALK
107.95	STEEL GRID DECKING
107.96	STRUCTURAL STEEL REPAIRS
107.97	STRUCTURAL STEEL REPAIRS-9196
107.98	STRUCTURAL STEEL REPAIRS-RIVETS
108.23	TRAFFIC GATE FOR DRAW SPAN
108.24	TRAFFIC WARNING DEVICES
108.25	TRAVEL TRASH DISPOSAL (MHD CONTAINER)
108.26	TRAVEL TRACH DISPOSAL (CONTRACTOR'S CONTAINER)
108.41	WATER TRUCK
112.01	DEMOLITION OF BUILDING OR STRUCTURE NO. ____
112.02	DEMOLITION OF BUILDING OR STRUCTURE NO. ____-1
112.03	DEMOLITION OF BUILDING OR STRUCTURE NO. ____-2
113.1	DEMOLITION OF DECK SLAB OF BRIDGE NO.___
114.1	DEMOLITION OF SUPERSTRUCTURE OF BRIDGE NO. ____
114.11	PARTIAL DEMOLITION OF SUPERSTRUCTURE BR. NO___
114.2	DEMOLITION OF SUPERSTRUCTURE OF BRIDGE NO. ____-1
114.3	DEMOLITION OF SUPERSTRUCTURE OF BRIDGE NO. ____-2
114.4	DEMOLITION OF SUPERSTRUCTURE OF BRIDGE B-03-008
114.5	DEMOLITION OF SUPERSTRUCTURE OF BRIDGE C-11-033
115.1	DEMOLITION OF BRIDGE NO. _____
115.2	DEMOLITION OF BRIDGE NO. _____-1
115.3	DEMOLITION OF BRIDGE NO. _____-2
116	REMOVAL OF TEMPORARY STRUCTURE
116.2	REMOVAL OF TEMPORARY DETOUR
118	TEMPORARY CONSTRUCTION ACCESS ROAD

Cost Account ID	Cost Account Name
119	RODENT CONTROL
119.4	PEST BIRD CONTROL
120	EARTH EXCAVATION
120.1	UNCLASSIFIED EXCAVATION
121	CLASS A ROCK EXCAVATION
122	PRESPLITTING ROCK
122.1	PRESPLITTING ROCK (NON EXPLOSIVE)
123	MUCK EXCAVATION
124	LOAM EXCAVATED AND STACKED
125	TOPSOIL EXCAVATED AND STACKED
127	CONCRETE EXCAVATION
127.1	REINFORCED CONCRETE EXCAVATION
127.11	REINFORCED CONCRETE EXCAVATION-5601
127.12	REINFORCED CONCRETE EXCAVATION FOR REPAIRS
127.21	SCARIFYING REINFORCED CONCRETE SURFACE
127.3	REINFORCED CONCRETE SURFACE EXCAVATION
127.4	REINFORCED CONCRETE DECK EXCAVATION (FULL DEPTH)
127.41	REINFORCED CONCRETE DECK EXCAVATION (PARTIAL DEPTH)
127.411	Reinforced Concrete Excavation (Partial Depth)
129	ASPHALT PAVEMENT EXCAVATION BY COLD PLANER
129.2	OLD PAVEMENT EXCAVATION
129.3	OLD PAVEMENT EXCAVATION-1
129.4	DUMP EXCAVATION
129.5	TRACK EXCAVATION
129.6	BRIDGE PAVEMENT EXCAVATION
130	PAVEMENT MILLING
140	BRIDGE EXCAVATION
140.1	BRIDGE EXCAVATION WITHIN COFFERDAM
141	CLASS A TRENCH EXCAVATION
141.1	TEST PIT FOR EXPLORATION
142	CLASS B TRENCH EXCAVATION
143	CHANNEL EXCAVATION
144	CLASS B ROCK EXCAVATION
144.1	CLASS B ROCK EXCAVATION - PIERS IN DEEP WATER
144.2	CLASS B ROCK EXCAVATION WITHIN COFFERDAM
145	DRAINAGE STRUCTURE ABANDONED
146	DRAINAGE STRUCTURE REMOVED
148	DREDGING AND DISPOSING OF MATERIAL
148.1	DREDGING AND DISPOSING OF MATERIAL (HYDRAULIC METHOD)
148.2	REMOVAL AND DISPOSAL OF ROCK FROM DREDGED AREAS
148.3	REMOVAL AND DISPOSAL OF LEDGE FROM DREDGED AREAS
148.4	DREDGING, MOBILIZATION AND DEMOBILIZATION

Cost Account ID	Cost Account Name
150	ORDINARY BORROW
150.1	SPECIAL BORROW
151	GRAVEL BORROW
151.01	GRAVEL BORROW - TYPE C
151.02	GRAVEL BORROW1
151.03	GRAVEL BORROW - TYPE C-1
151.1	GRAVEL BORROW FOR BRIDGE FOUNDATION
151.2	GRAVEL BORROW FOR BACKFILLING STRUCTURES AND PIPES
151.21	GRAVEL BORROW FOR RIPRAP
151.22	GRAVEL BORROW FOR SIDEWALK
151.3	GRAVEL BORROW FOR SLOPE TREATMENT
151.5	GRAVEL BORROW IN COFFERDAMS
152	PROCESSED GRAVEL
152.01	PROCESSED GRAVEL-1
152.1	SCREENED GRAVEL
152.3	PEASTONE FOR INTEGRAL ABUTMENTS
152.4	PEASTONE FOR SEDIMENTATION POOL
152.5	PEASTONE FOR DRIVEWAYS
152.6	PEASTONE FOR SIDEWALKS
152.7	PEASTONE
153	CONTROLLED DENSITY FILL - EXCAVATABLE
153.1	CONTROLLED DENSITY FILL - NON-EXCAVATABLE
154	SAND BORROW
154.1	SAND BORROW (COVER)
154.2	SAND BORROW IN COFFERDAM
154.3	SAND BORROW FOR BRIDGE MEDIAN
154.4	SAND BORROW FOR DUMPED RIPRAP
154.5	SAND BORROW FOR FILTER BLANKET
155	LOAM OR CLAY HARDENING
156	CRUSHED STONE
156.1	CRUSHED STONE FOR BRIDGE FOUNDATIONS
156.12	CRUSHED STONE FOR CURB FOUNDATION
156.13	CRUSHED STONE FOR INTEGRAL ABUTMENTS
156.2	CRUSHED STONE FOR SLOPE TREATMENT
156.3	CRUSHED STONE FOR BACKING
156.4	CRUSHED STONE FOR UNDERDRAIN
156.5	CRUSHED STONE FOR FILTER BLANKET
156.8	CRUSHED STONE FOR SUB-BASE
156.9	CRUSHED STONE FOR CHANNEL PAVING FOUNDATION
157	STONE FOR DRAINAGE END
157.1	GABIONS
157.2	RENO MATTRESS
160	PIEZOMETER
160.1	PIEZOMETER - VIBRATION WIRE
160.109	INSTRUMENTATION
160.2	PIEZOMETER - HYDRAULIC (SINGLE TUBE)
160.3	PIEZOMETER - HYDRAULIC (DOUBLE TUBE)

Cost Account ID	Cost Account Name
160.4	INCLINOMETER CASING
160.5	INCLINATOR CASING
160.6	TIDE GAUGE
160.7	PERMANENT BENCH MARK
161	SETTLEMENT PLATFORM
161.1	SETTLEMENT ANCHOR
162	DISPLACEMENT STAKE
170	FINE GRADING AND COMPACTING
170.1	FINE GRADING, COMPACTING AND FINISHING
170.2	GRADING AND COMPACTING
170.4	SCARIFYING AND RESHAPING
180.1	HEALTH AND SAFETY PLAN
180.2	IMPLEMENTATION OF HEALTH AND SAFETY PLAN
180.3	PERSONNEL PROTECTION LEVEL C UPGRADE
180.4	MONITORING/HANDLING AND STOCKPILING OF CONTAMINATED SOILS
180.5	LICENSED SITE PROFESSIONAL
180.6	MISC. SOIL TESTING
181.1	DISPOSAL OF CONTAMINATED SOIL
181.11	DISPOSAL OPTIONS FOR CONTAMINATED SOILS
181.12	DISPOSAL OF UREGULATED SOIL
181.13	DISPOSAL OF REGULATED SOIL - OUT OF STATE FACILITY
181.14	DISPOSAL OF HAZARDOUS WASTE
181.22	DISPOSAL OF REGULATED SOIL - IN STATE FACILITY
182	ASBESTOS TESTING/REMOVAL
182.1	INSPECTION AND TESTING FOR ASBESTOS
182.2	REMOVAL OF ASBESTOS
183.1	TREATMENT OF CONTAMINATED GROUNDWATER
183.2	DISPOSAL OF GRANULAR ACTIVATED CARBON
184.1	DISPOSAL OF TREATED WOOD PRODUCTS
185.1	UNDERGROUND STORAGE TANK REMOVAL (FUEL OIL OR DIESEL)
185.2	UST REMOVAL/ 5,000-10,000 GAL. (FUEL OIL OR DIESEL)
185.3	UST REMOVAL/ OVER 10,000 GAL. (FUEL OIL OR DIESEL)
185.4	UST REMOVAL/ UNDER 5,000 GAL. (GASOLINE)
185.5	UST REMOVAL/ 5,000-10,000 GAL. (GASOLINE)
185.6	UST REMOVAL/ UNDER 1,000 GAL. (WASTE OIL)
185.7	UST REMOVAL/ 1,000-5,000 GAL. (WASTE OIL)
186.1	DISPOSAL OF RECLAIMABLE - RECYCLABLE WASTE LIQUID
186.2	DISPOSAL OF NON-RECLAIMABLE - RECYCLABLE WASTE LIQUID
187.3	REMOVAL AND DISPOSAL OF DRAINAGE STRUCTURE SEDIMENTS
187.31	REMOVAL AND DISPOSAL OF DRAINAGE PIPE SEDIMENTS
191	DRIVE SAMPLE BORING

Cost Account ID	Cost Account Name
191.1	HOLLOW STEM AUGER BORINGS
191.11	CORE BORING
191.2	UNDISTURBED SAMPLE PREPARTORY BORING
191.21	UNDISTURBED SAMPLE
191.3	VANE SHEAR TEST PREP. BORING
191.31	VANE SHEAR TEST
191.4	AUGER BORING
191.41	AUGER BORING SAMPLE
191.5	THIN WALL STEEL TUBE DRIVE SAMPLE
191.6	TEST PIT
191.61	TEST PIT THROUGH PAVEMENT
192	GROUND WATER OBSERVATION WELLPOINT TYPE I
192.1	GROUND WATER OBSERVATION WELLPOINT TYPE II
192.2	GROUND WATER OBSERVATION WELLPOINT TY III-SOLID PIPE
192.21	GROUND WATER OBSERVATION WELLPOINT TY III-WELLSCREEN
192.3	GROUND WATER OBSERVATION WELLPOINT TY IV-SOLID PIPE
192.31	GROUND WATER OBSERVATION WELLPOINT TY IV-WELLSCREEN
193	MOBILIZATION AND DISMANTLING OF BORING EQUIPMENT
201	CATCH BASIN
201.3	SPECIAL CATCH BASIN
201.31	SPECIAL CATCH BASIN NO. 1
201.32	SPECIAL CATCH BASIN NO. 2
201.4	SPECIAL CATCH BASIN WITH DUAL GRATE
201.5	CATCH BASIN - MUNICIPAL STANDARD
201.6	TRENCH DRAIN
202	MANHOLE
202.01	MANHOLE - MUNICIPAL STANDARD
202.2	MANHOLE (9 TO 14 FOOT DEPTH)
202.21	MANHOLE (9 TO 14 FOOT DEPTH) - MUNICIPAL STANDARD
202.3	MANHOLE (14 TO 18 FOOT DEPTH)
202.31	MANHOLE (14 TO 18 FOOT DEPTH) - MUNICIPAL STANDARD
202.4	MANHOLE (18 FOOT AND OVER)
203	SPECIAL MANHOLE
203.11	SPECIAL MANHOLE - MUNICIPAL STANDARD
204	GUTTER INLET
204.11	GUTTER INLET - SPECIAL
204.3	GUTTER INLET - MUNICIPAL STANDARD
205	LEACHING BASIN
205.11	STONE LINED INFILTRATION TRENCH
205.12	WATER QUALITY SWALE
206	DROP INLET, TYPE A
206.1	DROP INLET, TYPE AF

Cost Account ID	Cost Account Name
207	DROP INLET, TYPE B
207.1	DROP INLET, TYPE BF
208	DROP INLET, TYPE C
208.1	DROP INLET, TYPE CF
208.11	DROP INLET (DOUBLE) TYPE CF
209	DROP INLET, TYPE D
209.1	DROP INLET, TYPE DF
209.2	SPECIAL DROP INLET
209.3	DROP INLET CHANGE IN TYPE
209.4	DROP INLET REMODELED
209.5	DROP INLET REBUILT
210	SANITARY SEWER MANHOLE
210.02	SANITARY SEWER MANHOLE REMOVED
210.1	SANITARY SEWER MANHOLE MUNICIPAL STANDARD
210.2	SANITARY SEWER MANHOLE (9 TO 14 FOOT DEPTH)
210.3	SANITARY SEWER MANHOLE (14 TO 18 FOOT DEPTH)
210.4	SANITARY SEWER MANHOLE (18 FOOT AND OVER)
211	SPECIAL SANITARY SEWER MANHOLE
220	DRAINAGE STRUCTURE ADJUSTED
220.2	DRAINAGE STRUCTURE REBUILT
220.3	DRAINAGE STRUCTURE CHANGE IN TYPE
220.5	DRAINAGE STRUCTURE REMODELED
220.51	DRAINAGE STRUCTURE REMODELED-5065
220.6	SANITARY STRUCTURE REBUILT
220.7	SANITARY STRUCTURE ADJUSTED
220.8	SANITARY STRUCTURE REMODELED
220.9	SANITARY STRUCTURE ABANDONED
221	FRAME AND COVER
221.1	FRAME AND GRATE MHD CATCH BASIN
222	FRAME AND GRATE
222.1	FRAME AND GRATE MHD CASCADE TYPE
222.2	FRAME AND GRATE (OR COVER) MUNICIPAL STANDARD
222.3	FRAME AND GRATE MUNICIPAL STANDARD
222.31	FRAME AND GRATE - SPECIAL
223	FRAME AND GRATE (OR COVER) REMOVED AND RESET
223.1	FRAME AND GRATE (OR COVER) REMOVED AND STACKED
223.2	FRAME AND GRATE (OR COVER) REMOVED AND DISCARDED
223.3	EXTENSION RING FOR MANHOLE
224.08	8 INCH HOOD
224.1	10 INCH HOOD
224.12	12 INCH HOOD
224.15	15 INCH HOOD
224.18	18 INCH HOOD

Cost Account ID	Cost Account Name
225.52	TRAP AND HOOD MUNICIPAL STANDARD
226	CLEANING DRAINAGE STRUCTURES
226.1	CLEANING DRAINAGE STRUCTURES-1
226.2	CLEANING DRAINAGE PIPES
226.3	CLEANING DRAINAGE PIPES-1
226.4	CLEANING CATCH BASIN
227	TRASH RACK
227.1	TIDE GATE
227.2	SLUICE GATE
227.3	BUILDING DRAIN CONNECTION
227.31	REMOVAL OF DRAINAGE PIPE SEDIMENT
227.4	MASONRY PLUG
230.112	12 INCH CORRUGATED METAL PIPE 16 GAGE
230.115	15 INCH CORRUGATED METAL PIPE 16 GAGE
230.118	18 INCH CORRUGATED METAL PIPE 16 GAGE
230.124	24 INCH CORRUGATED METAL PIPE 16 GAGE
230.212	12 INCH CORRUGATED METAL PIPE 14 GAGE
230.215	15 INCH CORRUGATED METAL PIPE 14 GAGE
230.218	18 INCH CORRUGATED METAL PIPE 14 GAGE
230.224	24 INCH CORRUGATED METAL PIPE 14 GAGE
230.23	30 INCH CORRUGATED METAL PIPE 14 GAGE
230.236	36 INCH CORRUGATED METAL PIPE 14 GAGE
230.315	15 INCH CORRUGATED METAL PIPE 12 GAGE
230.318	18 INCH CORRUGATED METAL PIPE 12 GAGE
230.324	24 INCH CORRUGATED METAL PIPE 12 GAGE
230.33	30 INCH CORRUGATED METAL PIPE 12 GAGE
230.336	36 INCH CORRUGATED METAL PIPE 12 GAGE
230.342	42 INCH CORRUGATED METAL PIPE 12 GAGE
230.348	48 INCH CORRUGATED METAL PIPE 12 GAGE
230.354	54 INCH CORRUGATED METAL PIPE 12 GAGE
230.424	24 INCH CORRUGATED METAL PIPE 10 GAGE
230.43	30 INCH CORRUGATED METAL PIPE 10 GAGE
230.436	36 INCH CORRUGATED METAL PIPE 10 GAGE
230.442	42 INCH CORRUGATED METAL PIPE 10 GAGE
230.448	48 INCH CORRUGATED METAL PIPE 10 GAGE
230.454	54 INCH CORRUGATED METAL PIPE 10 GAGE
230.46	60 INCH CORRUGATED METAL PIPE 10 GAGE
230.53	30 INCH CORRUGATED METAL PIPE 8 GAGE
230.536	36 INCH CORRUGATED METAL PIPE 8 GAGE
230.542	42 INCH CORRUGATED METAL PIPE 8 GAGE
230.548	48 INCH CORRUGATED METAL PIPE 8 GAGE
230.554	54 INCH CORRUGATED METAL PIPE 8 GAGE
230.56	60 INCH CORRUGATED METAL PIPE 8 GAGE
230.572	72 INCH CORRUGATED METAL PIPE 8 GAGE
230.584	84 INCH CORRUGATED METAL PIPE 8 GAGE
230.712	12 INCH CORRUGATED METAL PIPE END SECTION
230.715	15 INCH CORRUGATED METAL PIPE END SECTION
230.718	18 INCH CORRUGATED METAL PIPE END SECTION
230.724	24 INCH CORRUGATED METAL PIPE END SECTION
230.73	30 INCH CORRUGATED METAL PIPE END SECTION
230.736	36 INCH CORRUGATED METAL PIPE END SECTION
230.742	42 INCH CORRUGATED METAL PIPE END SECTION
230.748	48 INCH CORRUGATED METAL PIPE END SECTION
230.754	54 INCH CORRUGATED METAL PIPE END SECTION
230.76	60 INCH CORRUGATED METAL PIPE END SECTION
230.772	72 INCH CORRUGATED METAL PIPE END SECTION
230.784	84 INCH CORRUGATED METAL PIPE END SECTION
232	18 X 11 INCH ACCM PIPE-ARCH 16 GAGE
232.1	22 X 13 INCH ACCM PIPE-ARCH 16 GAGE
232.2	29 X 18 INCH ACCM PIPE-ARCH 14 GAGE
232.3	36 X 22 INCH ACCM PIPE-ARCH 14 GAGE
232.4	43 X 27 INCH ACCM PIPE-ARCH 12 GAGE
232.5	50 X 31 INCH ACCM PIPE-ARCH 12 GAGE
232.6	58 X 36 INCH ACCM PIPE-ARCH 12 GAGE
232.7	65 X 40 INCH ACCM PIPE-ARCH 10 GAGE
232.8	72 X 44 INCH ACCM PIPE-ARCH 10 GAGE
232.9	72 X 44 INCH ACCM PIPE-ARCH 8 GAGE
234.12	12 INCH DRAINAGE PIPE - OPTION
234.15	15 INCH DRAINAGE PIPE - OPTION
234.18	18 INCH DRAINAGE PIPE - OPTION
234.24	24 INCH DRAINAGE PIPE - OPTION
234.3	30 INCH DRAINAGE PIPE - OPTION
234.36	36 INCH DRAINAGE PIPE - OPTION
235.12	12 INCH DRAINAGE PIPE FLARED END - OPTION
235.15	15 INCH DRAINAGE PIPE FLARED END - OPTION
235.18	18 INCH DRAINAGE PIPE FLARED END - OPTION
235.24	24 INCH DRAINAGE PIPE FLARED END - OPTION
235.3	30 INCH DRAINAGE PIPE FLARED END - OPTION
235.36	36 INCH DRAINAGE PIPE FLARED END - OPTION
238.03	300MM DUCTILE IRON PIPE
238.1	10 INCH DUCTILE IRON PIPE
238.12	12 INCH DUCTILE IRON PIPE
238.16	16 INCH DUCTILE IRON PIPE
238.18	18 INCH DUCTILE IRON PIPE
238.24	24 INCH DUCTILE IRON PIPE
239.6	60 INCH STRUCTURAL PLATE PIPE
239.66	66 INCH STRUCTURAL PLATE PIPE
239.72	72 INCH STRUCTURAL PLATE PIPE
239.84	84 INCH STRUCTURAL PLATE PIPE
239.96	96 INCH STRUCTURAL PLATE PIPE
239.97	108 INCH STRUCTURAL PLATE PIPE
239.98	120 INCH STRUCTURAL PLATE PIPE
240.616	6 FT. 1 IN. X 4 FT. 7 IN. STRUCTURAL PLATE PIPE-ARCH 12 GAGE
240.646	6 FT. 4 IN. X 4 FT. 9 IN. STRUCTURAL PLATE PIPE-ARCH 12 GAGE
240.696	6 FT. 9 IN. X 4 FT. 11 IN. STRUCTURAL PLATE PIPE-ARCH 12 GAG

Cost Account ID	Cost Account Name
240.706	7 FT. 0 IN. X 5 FT. 1 IN. STRUCTURAL PLATE PIPE-ARCH 12 GAGE
240.735	7 FT. 3 IN. X 5 FT. 3 IN. STRUCTURAL PLATE PIPE-ARCH 10 GAGE
240.736	7 FT. 3 IN. X 5 FT. 3 IN. STRUCTURAL PLATE PIPE-ARCH 12 GAGE
240.99	9 FT. 9 IN. X 6 FT. 7 IN. STRUCTURAL PLATE PIPE-ARCH 3 GAGE
240.992	11 FT. 10 IN. X 7 FT. 7 IN. STRUCTURAL PLATE PIPE-ARCH 7 GAG
240.994	20 FT. 7 IN. X 13 FT. 2 IN. STRUCTURAL PLATE PIPE-ARCH 3 GAG
241.12	12 INCH REINFORCED CONCRETE PIPE
241.15	15 INCH REINFORCED CONCRETE PIPE
241.18	18 INCH REINFORCED CONCRETE PIPE
241.24	24 INCH REINFORCED CONCRETE PIPE
241.3	30 INCH REINFORCED CONCRETE PIPE
241.36	36 INCH REINFORCED CONCRETE PIPE
241.42	42 INCH REINFORCED CONCRETE PIPE
241.48	48 INCH REINFORCED CONCRETE PIPE
241.54	54 INCH REINFORCED CONCRETE PIPE
241.6	60 INCH REINFORCED CONCRETE PIPE
241.66	66 INCH REINFORCED CONCRETE PIPE
241.72	72 INCH REINFORCED CONCRETE PIPE
242.12	12 INCH REINFORCED CONCRETE PIPE FLARED END
242.15	15 INCH REINFORCED CONCRETE PIPE FLARED END
242.18	18 INCH REINFORCED CONCRETE PIPE FLARED END
242.24	24 INCH REINFORCED CONCRETE PIPE FLARED END
242.3	30 INCH REINFORCED CONCRETE PIPE FLARED END
242.36	36 INCH REINFORCED CONCRETE PIPE FLARED END
242.42	42 INCH REINFORCED CONCRETE PIPE FLARED END
242.48	48 INCH REINFORCED CONCRETE PIPE FLARED END
242.54	54 INCH REINFORCED CONCRETE PIPE FLARED END
242.6	60 INCH REINFORCED CONCRETE PIPE FLARED END
242.66	66 INCH REINFORCED CONCRETE PIPE FLARED END
242.72	72 INCH REINFORCED CONCRETE PIPE FLARED END
243.12	12 INCH REINFORCED CONCRETE PIPE CLASS IV
243.15	15 INCH REINFORCED CONCRETE PIPE CLASS IV
243.18	18 INCH REINFORCED CONCRETE PIPE CLASS IV
243.24	24 INCH REINFORCED CONCRETE PIPE CLASS IV
243.3	30 INCH REINFORCED CONCRETE PIPE CLASS IV
243.36	36 INCH REINFORCED CONCRETE PIPE CLASS IV
243.42	42 INCH REINFORCED CONCRETE PIPE CLASS IV
243.48	48 INCH REINFORCED CONCRETE PIPE CLASS IV
243.54	54 INCH REINFORCED CONCRETE PIPE CLASS IV
243.6	60 INCH REINFORCED CONCRETE PIPE CLASS IV
243.66	66 INCH REINFORCED CONCRETE PIPE CLASS IV
244.12	12 INCH REINFORCED CONCRETE PIPE CLASS V
244.15	15 INCH REINFORCED CONCRETE PIPE CLASS V
244.18	18 INCH REINFORCED CONCRETE PIPE CLASS V
244.24	24 INCH REINFORCED CONCRETE PIPE CLASS V
244.3	30 INCH REINFORCED CONCRETE PIPE CLASS V
244.36	36 INCH REINFORCED CONCRETE PIPE CLASS V
244.42	42 INCH REINFORCED CONCRETE PIPE CLASS V
244.48	48 INCH REINFORCED CONCRETE PIPE CLASS V
244.54	54 INCH REINFORCED CONCRETE PIPE CLASS V
244.6	60 INCH REINFORCED CONCRETE PIPE CLASS V
244.66	66 INCH REINFORCED CONCRETE PIPE CLASS V
244.72	72 INCH REINFORCED CONCRETE PIPE CLASS V
244.84	84 INCH REINFORCED CONCRETE PIPE CLASS V
246.12	12 INCH REINFORCED CONCRETE SANITARY SEWER PIPE
246.15	15 INCH REINFORCED CONCRETE SANITARY SEWER PIPE
246.18	18 INCH REINFORCED CONCRETE SANITARY SEWER PIPE
246.21	21 INCH REINFORCED CONCRETE SANITARY SEWER PIPE
246.24	24 INCH REINFORCED CONCRETE SANITARY SEWER PIPE
246.3	30 INCH REINFORCED CONCRETE SANITARY SEWER PIPE
246.36	36 INCH REINFORCED CONCRETE SANITARY SEWER PIPE
246.42	42 INCH REINFORCED CONCRETE SANITARY SEWER PIPE
246.48	48 INCH REINFORCED CONCRETE SANITARY SEWER PIPE
246.99	CURED-IN-PLACE PIPE FOR EXISTING SEWER
248.01	TEMPORARY SANITARY SEWER BYPASS SYSTEM
250.04	4 INCH POLYVINAL CHLORIDE SANITATY SEWER PIPE
250.06	6 INCH POLYVINYL CHLORIDE SANITARY SEWER PIPE
250.08	8 INCH POLYVINYL CHLORIDE SANITARY SEWER PIPE
250.1	10 INCH POLYVINYLCHLORIDE SANITARY SEWER PIPE
250.12	12 INCH POLYVINYLCHLORIDE SANITARY SEWER PIPE
252.112	12 INCH CORRUGATED PLASTIC PIPE FLARED END
252.115	15 INCH CORRUGATED PLASTIC PIPE FLARED END
252.118	18 INCH CORRUGATED PLASTIC PIPE FLARED END
252.12	12 INCH CORRUGATED PLASTIC (POLYETHYLENE) PIPE

Cost Account ID	Cost Account Name
252.124	24 INCH CORRUGATED PLASTIC PIPE FLARED END
252.13	30 INCH CORRUGATED PLASTIC PIPE FLARED END
252.136	36 INCH CORRUGATED PLASTIC PIPE FLARED END
252.15	15 INCH CORRUGATED PLASTIC (POLYETHYLENE) PIPE
252.18	18 INCH CORRUGATED PLASTIC (POLYETHYLENE) PIPE
252.24	24 INCH CORRUGATED PLASTIC (POLYETHYLENE) PIPE
252.3	30 INCH CORRUGATED PLASTIC (POLYETHYLENE) PIPE
252.36	36 INCH CORRUGATED PLASTIC (POLYETHYLENE) PIPE
253.06	6 INCH STEEL PIPE CASING FOR GAS PIPE
253.12	12 INCH STEEL PIPE CASING FOR SEWER PIPE
253.3	JACKING 30 INCH PIPE
253.36	JACKING 36 INCH PIPE
253.42	JACKING 42 INCH PIPE
253.48	JACKING 48 INCH PIPE
253.6	JACKING 60 INCH PIPE
253.66	JACKING 66 INCH PIPE
253.72	JACKING 72 INCH PIPE
253.84	JACKING 84 INCH PIPE
254.04	4 INCH SEWER PIPE INSULATION
254.06	6 INCH SEWER PIPE INSULATION
254.08	8 INCH SEWER PIPE INSULATION
254.1	10 INCH SEWER PIPE INSULATION
254.12	12 INCH SEWER PIPE INSULATION
254.14	14 INCH SEWER PIPE INSULATION
254.16	16 INCH SEWER PIPE INSULATION
254.18	18 INCH SEWER PIPE INSULATION
254.24	24 INCH SEWER PIPE INSULATION
255.06	6 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.08	8 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.1	10 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.12	12 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.15	15 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.18	18 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.21	21 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.24	24 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.3	30 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.36	36 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.42	42 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.48	48 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.54	54 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.6	60 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.72	72 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
255.84	84 INCH POLYMERIC PRECOATED CORRUGATED METAL PIPE
258	STONE FOR PIPE ENDS
259	CRUSHED STONE FOR BLEEDERS
261.06	6 INCH PERFORATED CORRUGATED METAL PIPE-18 GAGE (SUBDRAIN)
261.08	8 INCH PERFORATED CORRUGATED METAL PIPE-18 GAGE (SUBDRAIN)
261.1	10 INCH PERFORATED CORRUGATED METAL PIPE-18 GAGE (SUBDRAIN)
261.12	12 INCH PERFORATED CORRUGATED METAL PIPE-16 GAGE (SUBDRAIN)
265.06	6 INCH PIPE SUBDRAIN - OPTION
265.08	8 INCH PIPE SUBDRAIN - OPTION
266.06	6 INCH POROUS CONCRETE PIPE (SUBDRAIN)
266.08	8 INCH POROUS CONCRETE PIPE (SUBDRAIN)
269.06	6 INCH SLOT-PERFORATED CORRUGATED PLASTIC PIPE (SUBDRAIN)
269.08	8 INCH SLOT-PERFORATED CORRUGATED PLASTIC PIPE (SUBDRAIN)
269.1	10 INCH SLOT-PERFORATED CORRUGATED PLASTIC PIPE (SUBDRAIN)
270.12	12 INCH AND UNDER PIPE REMOVED AND RELAID
270.15	15 INCH PIPE REMOVED AND RELAID
270.18	18 INCH PIPE REMOVED AND RELAID
270.24	24 INCH PIPE REMOVED AND RELAID
270.3	30 INCH PIPE REMOVED AND RELAID
270.36	36 INCH PIPE REMOVED AND RELAID
270.42	42 INCH PIPE REMOVED AND RELAID
270.48	48 INCH PIPE REMOVED AND RELAID
270.6	60 INCH PIPE REMOVED AND RELAID
271.12	12 INCH AND UNDER PIPE REMOVED AND STACKED
271.15	15 INCH PIPE REMOVED AND STACKED
271.18	18 INCH PIPE REMOVED AND STACKED
271.24	24 INCH PIPE REMOVED AND STACKED
271.3	30 INCH PIPE REMOVED AND STACKED
280	HOT MIX ASPHALT WATERWAY
280.1	HOT MIX ASPHALT WATERWAY-1
281	CEMENT CONCRETE PAVING (WATERWAY)
281.2	JUTE MESH (WATERWAYS)
281.3	GROUTED STONE PAVING (WATERWAYS)

Cost Account ID	Cost Account Name
281.4	GROUTED STONE PAVING (WATERWAYS) - REBUILT
281.5	DUMPED STONE LINING (WATERWAYS)
282	CEMENT CONCRETE PAVING - DITCHES
299.98	OUTLET CONTROL STRUCTURE
299.99	OIL/DEBRIS TRAP FOR CB
302.04	4 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)
302.06	6 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)
302.08	8 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)
302.1	10 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)
302.12	12 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)
302.16	16 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)
302.18	18 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)
302.2	20 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)
302.24	24 INCH DUCTILE IRON WATER PIPE (RUBBER GASKET)
303.04	4 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)
303.06	6 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)
303.08	8 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)
303.081	8 INCH DUCTILE IRON WATER PIPE (RESTRAINED JOINT)
303.1	10 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)
303.109	10 INCH PRE-INSULATED DUCTILE IRON WATER PIPE (PUSH ON JOINT)
303.12	12 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)
303.121	12 INCH DUCTIL IRON WATER PIPE (RESTRAINT JOINT)
303.16	16 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)
303.18	18 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)
303.2	20 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)
303.24	24 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)
304.12	12 INCH STRUCTURAL STEEL WATER PIPE
309	DUCTILE IRON FITTINGS FOR WATER PIPE
313.04	4 INCH WATER MAIN REMOVED AND RELAID
313.06	6 INCH WATER MAIN REMOVED AND RELAID
313.08	8 INCH WATER MAIN REMOVED AND RELAID
313.1	10 INCH WATER MAIN REMOVED AND RELAID
313.12	12 INCH WATER MAIN REMOVED AND RELAID

Cost Account ID	Cost Account Name
313.16	16 INCH WATER MAIN REMOVED AND RELAID
313.18	18 INCH WATER MAIN REMOVED AND RELAID
313.2	20 INCH WATER MAIN REMOVED AND RELAID
313.24	24 INCH WATER MAIN REMOVED AND RELAID
315.04	4 INCH WATER MAIN REMOVED AND STACKED
315.06	6 INCH WATER MAIN REMOVED AND STACKED
315.08	8 INCH WATER MAIN REMOVED AND STACKED
315.1	10 INCH WATER MAIN REMOVED AND STACKED
315.12	12 INCH WATER MAIN REMOVED AND STACKED
315.16	16 INCH WATER MAIN REMOVED AND STACKED
315.18	18 INCH WATER MAIN REMOVED AND STACKED
315.2	20 INCH WATER MAIN REMOVED AND STACKED
315.24	24 INCH WATER MAIN REMOVED AND STACKED
325.06	6 INCH STEEL PIPE CASING FOR WATER PIPE
325.08	8 INCH STEEL PIPE CASING FOR WATER PIPE
325.1	10 INCH STEEL PIPE CASING FOR WATER PIPE
325.12	12 INCH STEEL PIPE CASING FOR WATER PIPE
325.16	16 INCH STEEL PIPE CASING FOR WATER PIPE
325.18	18 INCH STEEL PIPE CASING FOR WATER PIPE
325.2	20 INCH STEEL PIPE CASING FOR WATER PIPE
325.24	24 INCH STEEL PIPE CASING FOR WATER PIPE
326.08	8 INCH WATER PIPE BRIDGE CROSSING
327.02	2 INCH BLOW OFF PIPE
327.03	3 INCH BLOW-OFF PIPE
327.04	4 INCH BLOW-OFF PIPE
327.06	6 INCH BLOW-OFF PIPE
327.08	8 INCH BLOW-OFF PIPE
327.1	10 INCH BLOW-OFF PIPE
327.12	12 INCH BLOW-OFF PIPE
336.1	1 INCH PLASTIC WATER PIPE
345.075	3/4 INCH TEMPORARY SERVICE PIPE
345.1	1 INCH TEMPORARY SERVICE PIPE
345.151	1-1/2 INCH TEMPORARY SERVICE PIPE
345.6	6 INCH TEMPORARY SERVICE PIPE
345.65	CONSTRUCTION PERIOD WATER SYSTEMS
346.05	1/2 INCH SERVICE PIPE REMOVED AND RESET
346.075	3/4 INCH SERVICE PIPE REMOVED AND RESET
346.1	1 INCH SERVICE PIPE REMOVED AND RESET
346.15	1-1/2 INCH SERVICE PIPE REMOVED AND RESET
346.2	2 INCH SERVICE PIPE REMOVED AND RESET
347.075	3/4 INCH COPPER TUBING TYPE K
347.1	1 INCH COPPER TUBING TYPE K
347.125	1-1/4 INCH COPPER TUBING TYPE K
347.15	1-1/2 INCH COPPER TUBING TYPE K
347.2	2 INCH COPPER TUBING TYPE K
349.04	4 INCH GATE VALVE
349.06	6 INCH GATE VALVE
349.08	8 INCH GATE VALVE
349.1	10 INCH GATE VALVE

Cost Account ID	Cost Account Name
349.12	12 INCH GATE VALVE
349.16	16 INCH GATE VALVE
349.18	18 INCH GATE VALVE
349.2	20 INCH GATE VALVE
349.24	24 INCH GATE VALVE
350.04	4 INCH GATE AND GATE BOX
350.06	6 INCH GATE AND GATE BOX
350.08	8 INCH GATE AND GATE BOX
350.1	10 INCH GATE AND GATE BOX
350.12	12 INCH GATE AND GATE BOX
350.16	16 INCH GATE AND GATE BOX
350.18	18 INCH GATE AND GATE BOX
350.2	20 INCH GATE AND GATE BOX
350.24	24 INCH GATE AND GATE BOX
351.12	12 INCH AND UNDER GATE AND GATE BOX REMOVED AND RESET
351.16	16 INCH GATE AND GATE BOX REMOVED AND RESET
351.18	18 INCH GATE AND GATE BOX REMOVED AND RESET
351.2	20 INCH GATE AND GATE BOX REMOVED AND RESET
351.24	24 INCH GATE AND GATE BOX REMOVED AND RESET
354.12	12 INCH AND UNDER GATE BOX REMOVED AND RESET
354.16	16 INCH GATE BOX REMOVED AND RESET
354.18	18 INCH GATE BOX REMOVED AND RESET
354.2	20 INCH GATE BOX REMOVED AND RESET
354.24	24 INCH GATE BOX REMOVED AND RESET
355.06	6 INCH GATE + GATE BOX REMOVED AND STACKED
355.08	8 INCH GATE + GATE BOX REMOVED AND STACKED
355.1	10 INCH GATE + GATE BOX REMOVED AND STACKED
356.12	12 INCH BUTTERFLY VALVE AND BOX
356.16	16 INCH BUTTERFLY VALVE AND BOX
356.2	20 INCH BUTTERFLY VALVE AND BOX
356.24	24 INCH BUTTERFLY VALVE AND BOX
357.04	4 INCH GATE BOX
357.06	6 INCH GATE BOX
357.08	8 INCH GATE BOX
357.1	10 INCH GATE BOX
357.12	12 INCH GATE BOX
357.16	16 INCH GATE BOX
357.18	18 INCH GATE BOX
357.2	20 INCH GATE BOX
357.24	24 INCH GATE BOX
358	GATE BOX ADJUSTED
358.1	GATE BOX REMOVED AND STACKED

Cost Account ID	Cost Account Name
363.075	3/4 INCH CORPORATION COCK
363.1	1 INCH CORPORATION COCK
363.125	1-1/4 INCH CORPORATION COCK
363.15	1-1/2 INCH CORPORATION COCK
363.175	1-3/4 INCH CORPORATION COCK
363.2	2 INCH CORPORATION COCK
367.04	4 INCH CAST IRON PLUG
367.06	6 INCH CAST IRON PLUG
367.08	8 INCH CAST IRON PLUG
367.1	10 INCH CAST IRON PLUG
367.12	12 INCH CAST IRON PLUG
367.16	16 INCH CAST IRON PLUG
367.18	18 INCH CAST IRON PLUG
367.2	20 INCH CAST IRON PLUG
367.24	24 INCH CAST IRON PLUG
369.03	3 X 3 INCH TAPPING SLEEVE, VALVE AND BOX
369.06	6 X 6 INCH TAPPING SLEEVE, VALVE AND BOX
369.08	8 X 8 INCH TAPPING SLEEVE, VALVE AND BOX
369.1	10 X 10 INCH TAPPING SLEEVE, VALVE AND BOX
369.12	12 X 12 INCH TAPPING SLEEVE, VALVE AND BOX
369.14	14 X 14 INCH TAPPING SLEEVE, VALVE AND BOX
369.16	16 X 16 INCH TAPPING SLEEVE, VALVE AND BOX
369.18	18 X 18 INCH TAPPING SLEEVE, VALVE AND BOX
369.2	20 X 20 INCH TAPPING SLEEVE, VALVE AND BOX
369.24	24 X 24 INCH TAPPING SLEEVE, VALVE AND BOX
370	6 X 3 INCH TAPPING SLEEVE, VALVE AND BOX
370.1	8 X 6 INCH TAPPING SLEEVE, VALVE AND BOX
370.2	10 X 6 INCH TAPPING SLEEVE, VALVE AND BOX
370.3	10 X 8 INCH TAPPING SLEEVE, VALVE AND BOX
370.4	12 X 6 INCH TAPPING SLEEVE, VALVE AND BOX
370.5	12 X 8 INCH TAPPING SLEEVE, VALVE AND BOX
370.6	12 X 10 INCH TAPPING SLEEVE, VALVE AND BOX
370.7	14 X 8 INCH TAPPING SLEEVE, VALVE AND BOX
370.8	14 X 10 INCH TAPPING SLEEVE, VALVE AND BOX
370.9	14 X 12 INCH TAPPING SLEEVE, VALVE AND BOX
371.03	3 INCH COUPLING
371.04	4 INCH COUPLING
371.06	6 INCH COUPLING
371.08	8 INCH COUPLING
371.1	10 INCH COUPLING
371.12	12 INCH COUPLING
371.16	16 INCH COUPLING
371.18	18 INCH COUPLING
371.2	20 INCH COUPLING
371.24	24 INCH COUPLING
373.04	4 INCH WATER PIPE INSULATION
373.06	6 INCH WATER PIPE INSULATION
373.08	8 INCH WATER PIPE INSULATION
373.1	10 INCH WATER PIPE INSULATION

Cost Account ID	Cost Account Name
373.12	12 INCH WATER PIPE INSULATION
373.16	16 INCH WATER PIPE INSULATION
373.18	18 INCH WATER PIPE INSULATION
373.2	20 INCH WATER PIPE INSULATION
373.24	24 INCH WATER PIPE INSULATION
375.04	4 INCH INSERTION VALVE AND BOX
375.06	6 INCH INSERTION VALVE AND BOX
375.08	8 INCH INSERTION VALVE AND BOX
375.1	10 INCH INSERTION VALVE AND BOX
375.12	12 INCH INSERTION VALVE AND BOX
375.4	DEMOLITION OF EXISTING PIPE CROSSING
375.5	PIPE CROSSING
375.6	TEMPORARY WATERLINE BY PASS
376	HYDRANT
376.1	HYDRANT - EXCLUDING COST OF HYDRANT
376.2	HYDRANT - REMOVED AND RESET
376.3	HYDRANT - REMOVED AND STACKED
376.5	HYDRANT - ADJUSTED
379.1	1 INCH AIR RELEASE VALVE
379.15	1-1/2 INCH AIR RELEASE VALVE
381	SERVICE BOX
381.01	SERVICE BOX (MUNICIPAL STANDARD)
381.1	SERVICE BOX REMOVED AND RESET
381.2	SERVICE BOX REMOVED AND STACKED
381.3	SERVICE BOX ADJUSTED
382	METER BOX
382.1	METER BOX REMOVED AND RESET
382.2	METER BOX REMOVED AND STACKED
382.3	METER BOX ADJUSTED
383	METER CHAMBER
383.2	METER CHAMBER ADJUSTED
383.3	METER CHAMBER REMOVED AND RESET
384	CURB STOP
384.1	CURB STOP REMOVED AND RESET
384.2	CURB STOP ADJUSTED
387	BLOW-OFF CHAMBER
388	AIR VALVE CHAMBER
389	DRINKING FOUNTAIN
389.1	DRINKING FOUNTAIN REMOVED AND RESET
390	IRRIGATION SYSTEM R+R
402	DENSE GRADED CRUSHED STONE FOR SUB-BASE
402.1	DENSE GRADED CRUSHED STONE FOR SUB-BASE-1
402.11	DENSE GRADED CRUSHED STONE FOR SHOULDERS
402.12	DENSE GRADED CRUSHED STONE FOR SHOULDERS-1
403	RECLAIMED PAVEMENT FOR BASE COURSE AND/OR SUB-BASE
403.1	CRUSHED STONE FOR BLENDING

Cost Account ID	Cost Account Name
404	PRE-TREATED CRUSHED STONE
404.5	RECLAIMED PAVEMENT BORROW MATERIAL
415	PAVEMENT MICROMILLING
420	HOT MIX ASPHALT BASE COURSE
430	CEMENT CONCRETE BASE COURSE
431	HIGH EARLY STRENGTH CEMENT CONCRETE BASE COURSE
431.1	HIGH EARLY STRENGTH CEMENT CONCRETE BASE COURSE-1
440	CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL
441	BITUMEN FOR ROADWAY DUST CONTROL
443	WATER FOR ROADWAY DUST CONTROL
450	GRAVEL FOR SURFACING
450.9	CONTRACTOR QUALITY CONTROL
451	HMA FOR PATCHING
452	ASPHALT EMULSION FOR TACK COAT
453	HMA JOINT SEALANT
454.5	LATEX MODIFICATION OF HMA
455.23	SUPERPAVE SURFACE COURSE - 12.5
455.31	Superpave intermediate coarse 12.5
455.32	SUPERPAVE INTERMEDIATE COURSE - 19.0
455.42	SUPERPAVE BASE COURSE - 37.5
455.61	SUPERPAVE BRIDGE SURFACE COURSE - 12.5
455.71	SUPERPAVE BRIDGE PROTECTIVE COURSE - 12.5
456	CRUSHED STONE FOR ROAD-MIX SURFACING
458	CRUSHED STONE FOR MACADAM SURFACING
458.1	CRUSHED STONE FOR WEARING SURFACING
458.2	STONE GRITS FOR SURFACE COVER
458.6	CRUSHED STONE BALLAST
458.7	LIGHTWEIGHT AGGREGATE
459	BITUMEN FOR ROADWAY BASE COURSE
459.1	BITUMEN FOR SURFACING TREATMENT
459.2	BITUMEN FOR ROAD-MIX SURFACING
459.3	BITUMEN FOR MACADAM SURFACING
459.4	BITUMEN FOR SEAL COAT
459.5	BITUMEN FOR WEARING SURFACE
459.6	BITUMEN FOR CURING
459.7	RECLAIMED BITUMEN BASE
460	HOT MIX ASPHALT
460.1	HOT MIX ASPHALT DENSE BINDER
460.2	HOT MIX ASPHALT OPEN GRADED FRICTION COURSE
460.7	CONTRACTOR QUALITY CONTROL - HOT MIX ASPHALT
460.72	CONTRACTOR TESTING FOR HMA ACCEPTANCE
461	HOT MIX ASPHALT, TYPE ST
462	HOT MIX ASPHALT DENSE BINDER COURSE FOR BRIDGES
463	BITUMEN FOR PRIME COAT
464	BITUMEN FOR TACK COAT

Cost Account ID	Cost Account Name
464.5	HOT POURED RUBBERIZED ASPHALT SEALER
466	STRESS ABSORBING MEMBRANE INTERLAYER
468	CRUSHED STONE FOR PEASTONE COVER
469	BITUMEN FOR PEASTONE COVER
470	HOT MIX ASPHALT BERM, TYPE A
470.1	HOT MIX ASPHALT BERM, TYPE A-1
470.2	HOT MIX ASPHALT BERM, TYPE A - MODIFIED
472	HOT MIX ASPHALT FOR MISCELLANEOUS WORK
476	CEMENT CONCRETE PAVEMENT
476.1	CEMENT CONCRETE PAVEMENT-1
476.2	HIGH EARLY STRENGTH CEMENT CONCRETE PAVEMENT
476.21	HIGH EARLY STRENGTH CEMENT CONCRETE PAVEMENT-3758
476.31	POLYMER MODIFIED MORTAR OVERLAYMENT
476.32	POLYMER MODIFIED CONCRETE OVERLAYMENT
476.35	EPOXY WATERPROOFING OVERLAY
477	MILLED RUMBLE STRIP
481.42	ELASTOMERIC BRIDGE JOINT SYSTEM
482	HOT APPLIED ASPHALTIC CRACK FILLER
482.01	HOT APPLIED ASPHALTIC CRACK FILLER-1
482.15	HOT APPLIED ASPHALTIC CRACK FILLER (POLYESTER FIBERS)
482.17	HOT APPLIED RUBBERIZED ASPHALTIC CRACK FILLER
482.2	HOT POURED JOINT SEALER
482.25	ROUTING, DRYING, AND SEALING CRACKS IN EXISTING PAVEMENT
482.3	SAWING ASPHALT PAVEMENT
482.31	SAWING & SEALING JOINTS IN ASPHALT PAVEMENT AT BRIDGES
482.32	SAWING AND SEALING JOINTS IN ASPHALT PAVEMENT
482.4	SAWING CEMENT CONRETE
483.2	SEALING ASPHALT PAVEMENT SURFACE CRACKS
484	REHABILITATING EXISTING ASPHALT PAVEMENT
485	GRANITE RUBBLE BLOCK PAVEMENT
485.1	GRANITE RUBBLE BLOCK PAVEMENT REMOVED AND RESET
485.11	GRANITE RUBBLE BLOCK PAVEMENT REMOVED AND STACKED
485.2	GRANITE RUBBLE BLOCK PAVEMENT EXCL. COST OF CONCRETE BASE
486	SCORED CEMENT CONCRETE PAVEMENT
486.1	SCORED CEMENT CONCRETE PAVEMENT-1
490	RUBBERIZED RAILROAD CROSSING
501	GRANITE CURB TYPE VA1 - STRAIGHT
501.1	GRANITE CURB TYPE VA1 - CURVED
502	GRANITE CURB TYPE VA2 - STRAIGHT
502.1	GRANITE CURB TYPE VA2 - CURVED
503	GRANITE CURB TYPE VA3 - STRAIGHT
503.1	GRANITE CURB TYPE VA3 - CURVED

Cost Account ID	Cost Account Name
504	GRANITE CURB TYPE VA4 - STRAIGHT
504.1	GRANITE CURB TYPE VA4 - CURVED
504.2	GRANITE CURB TYPE VA4 - SPLAYED END
505	GRANITE CURB TYPE VA5 - STRAIGHT
505.1	GRANITE CURB TYPE VA5 - CURVED
506	GRANITE CURB TYPE VB - STRAIGHT
506.1	GRANITE CURB TYPE VB - CURVED
506.3	GRANITE CURB TY VB - TRANS END
509	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - STRAIGHT
509.1	GRANITE TRANSITION CURB FOR WHEELCHAIR RAMPS - CURVED
509.12	GRANITE TRANSITION CURB FOR SLOPED TO VERTICAL BURB
509.13	GRANITE TRANSITION CURB FOR BRIDGE TO HIGHWAY CURB
509.99	GRANITE TRANSITION CURV TYPE 1
510	GRANITE EDGING TYPE SA
510.1	GRANITE EDGING TYPE SA (RADIUS 10 FEET OR LESS)
511.1	GRANITE EDGING TYPE SB - STRAIGHT
512.1	GRANITE EDGING TYPE SB (RADIUS 10 FEET OR LESS)
513	GRANITE EDGING TYPE SC
513.1	GRANITE EDGING TYPE SC (RADIUS 10 FEET OR LESS)
514	GRANITE CURB INLET - STRAIGHT
514.01	GRANITE CURB INLET - STRAIGHT - EXCLUDING COST OF CURB INLET
514.2	GRANITE CURB INLET - STRAIGHT- MUNICIPAL STANDARD
515	GRANITE CURB INLET - CURVED
515.1	GRANITE CURB INLET - CURVED - MUNICIPAL STANDARD
516	GRANITE CURB CORNER TYPE A
517	GRANITE CURB CORNER TYPE B
517.01	GRANITE CURB CORNER - TYPE C
518	CONCRETE CURB INLET - STRAIGHT
519	CONCRETE CURB INLET - CURVED
520	CONCRETE CURB TYPE VA
520.1	CONCRETE CURB TYPE VA - PRECAST
520.11	SPECIAL CONCRETE CURB - CAST IN PLACE
520.12	CONCRETE CURB STOP REMOVED AND RESET
520.2	SPECIAL CONCRETE CURB - PRECAST
521	CONCRETE CURB CORNER TYPE A
521.1	CONCRETE CURB CORNER TYPE B
522	CONCRETE EDGING TYPE SA
570	HOT MIX ASPHALT CURB - OPTION
570.1	HOT MIX ASPHALT CURB TYPE 1
570.2	HOT MIX ASPHALT CURB TYPE 2
570.3	HOT MIX ASPHALT CURB TYPE 3
572	HOT MIX ASPHALT CURB - OPTION-1

Cost Account ID	Cost Account Name
572.1	HOT MIX ASPHALT CURB TYPE 1-1
572.2	HOT MIX ASPHALT CURB TYPE 2-1
572.3	HOT MIX ASPHALT CURB TYPE 3-1
580	CURB REMOVED AND RESET
580.1	CURB REMOVED, RELOCATED AND RESET
581	CURB INLET REMOVED AND RESET
581.1	CURB INLET REMOVED, RELOCATED AND RESET
582	CURB CORNER REMOVED AND RESET
582.1	CURB CORNER - EXCLUDING COST OF CURB CORNER
582.2	CURB CORNER REMOVED, RELOCATED AND RESET
583	EDGING REMOVED AND RESET
590	CURB REMOVED AND STACKED
590.1	CONCRETE CURB BARRIER REMOVED AND STACKED
590.2	CONCRETE CURB BARRIER REMOVED AND RESET
591	CURB INLET REMOVED AND STACKED
592	CURB CORNER REMOVED AND STACKED
593	EDGING REMOVED AND STACKED
594	CURB REMOVED AND DISCARDED
595	CURB INLET REMOVED AND DISCARDED
596	CURB CORNER REMOVED AND DISCARDED
597	EDGING REMOVED AND DISCARDED
602	GUARDRAIL POST - STEEL
602.1	GUARDRAIL POST - WOOD
602.11	GUARDRAIL POST - STEEL (EXTRA DEEP)
603.1	STEEL OFFSET BRACKET - W BEAM
603.2	STEEL OFFSET BRACKET - THRIE BEAM
603.3	GUARDRAIL OFFSET BLOCK FOR STEEL POST - W BEAM
603.4	GUARDRAIL OFFSET BLOCK FOR WOOD POST - W BEAM
603.5	GUARDRAIL OFFSET BLOCK FOR STEEL POST - THRIE BEAM
603.6	GUARDRAIL OFFSET BLOCK FOR WOOD POST - THRIE BEAM
604	W BEAM GUARD PANEL
604.1	THRIE BEAM GUARD PANEL
620.1	STEEL W BEAM HIGHWAY GUARD (SINGLE FACED)
620.2	WEATHERING STEEL W BEAM GUARD - (SF)
620.3	STEEL W BEAM HIGHWAY GUARD - CURVED (SINGLE FACED)
620.31	STEEL W BEAM HIGHWAY GUARDRAIL CURVER (SINGEL FACE)
620.35	WEATHERING STEEL W BEAM GUARD - CURVED (SF)
620.4	STEEL W BEAM HIGHWAY GUARD BURIED END (SINGLE FACED)
621.1	STEEL W BEAM HIGHWAY GUARD (DOUBLE FACED)
621.3	STEEL W BEAM HIGHWAY GUARD - CURVED (DOUBLE FACED)
621.4	STEEL W BEAM HIGHWAY GUARD BURIED END (DOUBLE FACED)
622.1	STEEL W BEAM HIGHWAY GUARD (SINGLE FACED/WOOD POSTS)
622.11	STEEL W BEAM HWY GUARD
622.2	WEATHERING STEEL W BEAM GUARD - (SF/WP)
622.3	STEEL W BEAM HIGHWAY GUARD - CURVED(SINGLE FACED/WOOD POSTS)
622.35	WEATHERING STEEL W BEAM GUARD - CURVED (SF/WP)
622.4	STEEL W BEAM HIGHWAY GUARD BURIED END(SF/WOOD POSTS)
622.41	STEEL W BEAM HWY GUARD BURIED END
623.1	STEEL THRIE BEAM HIGHWAY GUARD (SINGLE FACED)
623.3	STEEL THRIE BEAM HIGHWAY GUARD - CURVED (SINGLE FACED)
623.4	STEEL THRIE BEAM HIGHWAY GUARD BURIED END (SINGLE FACED)
624.1	STEEL THRIE BEAM HIGHWAY GUARD (DOUBLE FACED)
624.3	STEEL THRIE BEAM HIGHWAY GUARD - CURVED (DOUBLE FACED)
624.4	STEEL THRIE BEAM HIGHWAY GUARD BURIED END (DOUBLE FACED)
625.1	STEEL THRIE BEAM HIGHWAY GUARD (SINGLE FACED/WOOD POSTS)
625.3	STEEL THRIE BEAM HIGHWAY GUARD - CURVED (SF/WOOD POSTS)
625.4	STEEL THRIE BEAM HIGHWAY GUARD BURIED END (SF/WOOD POSTS)
626.1	STEEL W BEAM HIGHWAY GUARD (SINGLE FACED/SP BASE ANCHOR)
626.2	STEEL W BEAM HIGHWAY GUARD (DOUBLE FACED/SP BASE ANCHOR)
626.3	STEEL THRIE BEAM HIGHWAY GUARD (SINGLE FACED/SP BASE ANCHOR)
626.4	STEEL THRIE BEAM HIGHWAY GUARD (DOUBLE FACED/SP BASE ANCHOR)
627.1	STEEL W BEAM TERMINAL SECTION (SINGLE FACED)
627.11	WEATHERING STEEL W BEAM TERM SECTION
627.2	STEEL W BEAM TERMINAL SECTION (DOUBLE FACED)
627.3	STEEL THRIE BEAM TERMINAL SECTION (SINGLE FACED)
627.4	STEEL THRIE BEAM TERMINAL SECTION (DOUBLE FACED)
627.5	STEEL THRIE BEAM TERMINAL CONNECTOR
627.6	STEEL HIGHWAY GUARD TRANSITION BEAM
627.61	STEEL HIGHWAY GUARD BEAM
627.8	STEEL BEAM HIGHWAY GUARD TANGENT END TREATMENT

Cost Account ID	Cost Account Name
627.81	WEATHERING STEEL BEAM GUARD TANGENT END TREATMENT
627.9	STEEL BEAM HIGHWAY GUARD FLARED END TREATMENT
627.91	STEEL BEAM HIGHWAY GUARD FLARED END TREATMENT (SHORT)
628	LEADING END FOR STEEL THRIE BEAM HIGHWAY GUARD AT BRIDGE
628.01	TRAILING END FOR STEEL THRIE BEAM HIGHWAY GUARD AT BRIDGE
628.1	LEADING END FOR STEEL BEAM HIGHWAY GUARD AT BRIDGE
628.11	TRAILING END FOR STEEL BEAM HIGHWAY GUARD AT BRIDGE
628.2	BRIDGE RAIL TO HIGHWAY GUARD RAIL TRANSITION
628.21	BRIDGE RAIL TO HIGHWAY GUARD RAIL
628.22	BRIDGE RAIL TO HIGHWAY GUARD RAIL TRANSITION (BASE ANCHOR)
628.31	IMPACT ATTENUATOR FOR SHOULDER, INCAPABLE OF REDIRECTION
628.32	IMPACT ATTENUATOR FOR SHOULDER, CAPABLE OF REDIRECTION
628.33	IMPACT ATTENUATOR FOR MEDIAN, INCAPABLE OF REDIRECTION
628.34	IMPACT ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION
628.39	IMPACT ATTENUATOR - SPECIAL
629.1	PRECAST CONCRETE BARRIER - SINGLE FACED
629.2	PRECAST CONCRETE MEDIAN BARRIER - DOUBLE FACED
629.3	CAST-IN-PLACE CONCRETE BARRIER - SINGLE FACED
629.4	CAST-IN-PLACE CONCRETE MEDIAN BARRIER - DOUBLE FACED
629.5	CAST-IN-PLACE MEDIAN BARRIER CAP
630	HIGHWAY GUARD REMOVED AND RESET
630.1	HIGHWAY GUARD REMOVED AND RESET BY FIELD DRILLING
632	INDIVIDUAL POST REMOVED AND RESET
632.1	INDIVIDUAL POST REALIGNED
633	NEW POST IN HIGHWAY GUARD REMOVED AND RESET
634	HARDWARE FOR GUARDRAIL ASSEMBLY
635	HIGHWAY GUARD REMOVED AND STACKED
635.1	HIGHWAY GUARD REMOVED AND DISCARDED
636	ANCHOR REMOVED AND STACKED
637	INDIVIDUAL POST REMOVED AND STACKED
637.1	INDIVIDUAL POST REMOVED AND DISCARDED
638.1	PROTECTIVE SCREEN (CHAIN LINK)
638.11	PROTECTIVE SCREEN (CHAIN LINK) WITH HANDRAIL
638.2	PROTECTIVE SCREEN FOR PEDESTRIAN OVERPASS
639	TIMBER RAIL FENCE

Cost Account ID	Cost Account Name
644.036	36 INCH CHAIN LINK FENCE (STW) (LINE POST OPTION)
644.048	48 INCH CHAIN LINK FENCE (STW) (LINE POST OPTION)
644.06	60 INCH CHAIN LINK FENCE (STW) (LINE POST OPTION)
644.072	72 INCH CHAIN LINK FENCE (STW) (LINE POST OPTION)
644.084	84 INCH CHAIN LINK FENCE (STW) (LINE POST OPTION)
644.096	96 INCH CHAIN LINK FENCE (STW) (LINE POST OPTION)
644.097	120 INCH CHAIN LINK FENCE (STW) (LINE POST OPTION)
644.098	144 INCH CHAIN LINK FENCE (STW) (LINE POST OPTION)
644.136	36 INCH CHAIN LINK FENCE (STW) VINYL COATED (LINE POST OPT.)
644.148	48 INCH CHAIN LINK FENCE (STW) VINYL COATED (LINE POST OPT.)
644.16	60 INCH CHAIN LINK FENCE (STW) VINYL COATED (LINE POST OPT.)
644.172	72 INCH CHAIN LINK FENCE (STW) VINYL COATED (LINE POST OPT.)
644.184	84 INCH CHAIN LINK FENCE (STW) VINYL COATED (LINE POST OPT.)
644.196	96 INCH CHAIN LINK FENCE (STW) VINYL COATED (LINE POST OPT.)
644.197	120 IN. CHAIN LINK FENCE (STW) VINYL COATED (LINE POST OPT.)
644.198	144 IN. CHAIN LINK FENCE (STW) VINYL COATED (LINE POST OPT.)
645.036	36 INCH CHAIN LINK FENCE (PIPE TOP RAIL) (LINE POST OPTION)
645.048	48 INCH CHAIN LINK FENCE (PIPE TOP RAIL) (LINE POST OPTION)
645.06	60 INCH CHAIN LINK FENCE (PIPE TOP RAIL) (LINE POST OPTION)
645.072	72 INCH CHAIN LINK FENCE (PIPE TOP RAIL) (LINE POST OPTION)
645.084	84 INCH CHAIN LINK FENCE (PIPE TOP RAIL) (LINE POST OPTION)
645.096	96 INCH CHAIN LINK FENCE (PIPE TOP RAIL) (LINE POST OPTION)
645.097	120 INCH CHAIN LINK FENCE (PIPE TOP RAIL) (LINE POST OPTION)
645.098	144 INCH CHAIN LINK FENCE (PIPE TOP RAIL) (LINE POST OPTION)
645.137	36 INCH CHAIN LINK FENCE (PTR) VINYL COATED (LINE POST OPT.)
645.148	48 INCH CHAIN LINK FENCE (PTR) VINYL COATED (LINE POST OPT.)
645.16	60 INCH CHAIN LINK FENCE (PTR) VINYL COATED (LINE POST OPT.)
645.172	72 INCH CHAIN LINK FENCE (PTR) VINYL COATED (LINE POST OPT.)

Cost Account ID	Cost Account Name
645.184	84 INCH CHAIN LINK FENCE (PTR) VINYL COATED (LINE POST OPT.)
645.196	96 INCH CHAIN LINK FENCE (PTR) VINYL COATED (LINE POST OPT.)
645.197	120 IN. CHAIN LINK FENCE (PTR) VINYL COATED (LINE POST OPT.)
645.198	144 IN. CHAIN LINK FENCE (PTR) VINYL COATED (LINE POST OPT.)
647.036	36 IN. CHAIN LINK FENCE (PTR) W/BARB (LINE POST OPTION)
647.048	48 INCH CHAIN LINK FENCE (PTR) W/BARB (LINE POST OPTION)
647.06	60 INCH CHAIN LINK FENCE (PTR) W/BARB (LINE POST OPTION)
647.072	72 INCH CHAIN LINK FENCE (PTR) W/BARB (LINE POST OPTION)
647.084	84 INCH CHAIN LINK FENCE (PTR) W/BARB (LINE POST OPTION)
647.096	96 INCH CHAIN LINK FENCE (PTR) W/BARB (LINE POST OPTION)
647.12	120 INCH CHAIN LINK FENCE (PTR) W/BARB (LINE POST OPTION)
647.144	144 INCH CHAIN LINK FENCE (PTR) W/BARB (LINE POST OPTION)
649.036	36 INCH CHAIN LINK FENCE (STW) W/BARB (LINE POST OPTION)
649.048	48 INCH CHAIN LINK FENCE (STW) W/BARB (LINE POST OPTION)
649.06	60 INCH CHAIN LINK FENCE (STW) W/BARB (LINE POST OPTION)
649.072	72 INCH CHAIN LINK FENCE (STW) W/BARB (LINE POST OPTION)
649.084	84 INCH CHAIN LINK FENCE (STW) W/BARB (LINE POST OPTION)
649.096	96 INCH CHAIN LINK FENCE (STW) W/BARB (LINE POST OPTION)
649.12	120 INCH CHAIN LINK FENCE (STW) W/BARB (LINE POST OPTION)
649.144	144 INCH CHAIN LINK FENCE (STW) W/BARB (LINE POST OPTION)
650.036	36 INCH CHAIN LINK GATE WITH GATE POSTS
650.048	48 INCH CHAIN LINK GATE WITH GATE POSTS
650.06	60 INCH CHAIN LINK GATE WITH GATE POSTS
650.072	72 INCH CHAIN LINK GATE WITH GATE POSTS
650.084	84 INCH CHAIN LINK GATE WITH GATE POSTS
650.096	96 INCH CHAIN LINK GATE WITH GATE POSTS
650.12	120 INCH CHAIN LINK GATE WITH GATE POSTS
650.144	144 INCH CHAIN LINK GATE WITH GATE POSTS
651.06	60 INCH CHAIN LINK GATE WITH GATE POSTS AND BARBED WIRE
651.072	72 INCH CHAIN LINK GATE WITH GATE POSTS AND BARBED WIRE
651.084	84 INCH CHAIN LINK GATE WITH GATE POSTS AND BARBED WIRE
651.096	96 INCH CHAIN LINK GATE WITH GATE POSTS AND BARBED WIRE
651.12	120 INCH CHAIN LINK GATE WITH GATE POSTS AND BARBED WIRE
651.144	144 INCH CHAIN LINK GATE WITH GATE POSTS AND BARBED WIRE
652.036	36 INCH CHAIN LINK FENCE END POST
652.048	48 INCH CHAIN LINK FENCE END POST
652.06	60 INCH CHAIN LINK FENCE END POST
652.072	72 INCH CHAIN LINK FENCE END POST
652.084	84 INCH CHAIN LINK FENCE END POST
652.096	96 INCH CHAIN LINK FENCE END POST
652.12	120 INCH CHAIN LINK FENCE END POST
652.144	144 INCH CHAIN LINK FENCE END POST
653.036	36 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST
653.048	48 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST
653.06	60 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST
653.072	72 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST
653.084	84 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST
653.096	96 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST
653.12	120 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST
653.144	144 INCH CHAIN LINK FENCE CORNER OR INTERMEDIATE BRACE POST
654.03	30 INCH CHAIN LINK FENCE FABRIC
654.036	36 INCH CHAIN LINK FENCE FABRIC
654.048	48 INCH CHAIN LINK FENCE FABRIC
654.06	60 INCH CHAIN LINK FENCE FABRIC
654.072	72 INCH CHAIN LINK FENCE FABRIC
654.084	84 INCH CHAIN LINK FENCE FABRIC
654.096	96 INCH CHAIN LINK FENCE FABRIC
654.12	120 INCH CHAIN LINK FENCE FABRIC
654.144	144 INCH CHAIN LINK FENCE FABRIC
655	CEDAR RAIL FENCE
655.1	IRON PIPE FENCE
655.11	STEEL PIPE GATE
655.2	ORNAMENTAL HAND RAIL
655.3	ORNAMENTAL FENCE - WALL MOUNTED
657	TEMPORARY FENCE
657.1	TEMPORARY FENCE ON BARRIER
657.5	TEMPORARY FENCE REMOVED AND RESET
658	INDIVIDUAL LINE POST - OPTION
660	METAL PIPE RAIL
665	CHAIN LINK FENCE REMOVED AND STACKED
665.1	CHAIN LINK FENCE ADJUST AND PAINT
665.2	30 INCH CHAIN LINK FENCE CLEAN AND PAINT
666	CHAIN LINK FENCE REMOVED AND RESET

Cost Account ID	Cost Account Name
667	CHAIN LINK FENCE GATE W/GATE POSTS REMOVED & STACKED
668	CHAIN LINK FENCE GATE W/GATE POSTS REMOVED & RESET
669	FENCE REMOVED AND STACKED
669.1	FENCE REMOVED AND DISPOSED
669.5	FENCE REMOVED AND DISCARDED
670	FENCE REMOVED AND RESET
671	FENCE GATE AND GATE POSTS REMOVED AND STACKED
672	FENCE GATE AND GATE POSTS REMOVED AND RESET
672.1	IRON BAR GATE AND POSTS REMOVED AND DISCARDED
673	FENCE GATE AND GATE POSTS
675	PERMANENT BARRIER FENCE
675.1	PERMANENT BARRIER FENCE REMOVED AND RESET
677	PORTABLE BARRIER FENCE (LEFT-IN-PLACE)
680.3	30 INCH YELLOW MODULE CONTAINER
680.36	36 INCH YELLOW MODULE CONTAINER
681.24	24 INCH ANTI-GLARE SCREEN (MODULAR UNITS) - PADDLE TYPE
681.36	36 INCH ANTI-GLARE SCREEN (MODULAR UNITS) - PADDLE TYPE
681.48	48 INCH ANTI-GLARE SCREEN (MODULAR UNITS) - PADDLE TYPE
684	STONE MASONRY STAIRS REMOVED AND RESET IN CEMENT MORTAR
685	STONE MASONRY WALL IN CEMENT MORTAR
685.1	STONE MASONRY WALL, DRY
685.2	STONE MASONRY POST REMOVED AND REBUILT
690	STONE MASONRY WALL REMOVED AND REBUILT IN CEMENT MORTAR
690.01	STONE MASONRY BARRIER RECONSTRUCTION
690.02	STONE MASONRY BARRIER REPAIR
690.03	REBUILD TOP OF STONE MASONRY WINGWALL
690.04	STONE MASONRY WALL RECONSTRUCTION
690.05	STONE MASONRY WALL REPAIR
690.06	STONE ABUTMENT WALL REPAIR
690.07	ARCH RING STONE REPAIR
690.1	STONE MASONRY WALL REMOVED AND REBUILT DRY
690.2	STONE MASONRY WALL REBUIL TIN MORTAR AT NE WALL
691	BALANCE STONE WALL REMOVED AND REBUILT
691.1	LANDSCAPE BOULDER REMOVED & RESET
692	BALANCE STONE WALL
697	SEDIMENTATION FENCE
697.1	SILT SACK
697.2	FLOATING SILT FENCE
698.1	GEOTEXTILE FABRIC FOR STABILIZATION
698.2	GEOTEXTILE FABRIC FOR SUBSURFACE DRAINAGE

Cost Account ID	Cost Account Name
698.3	GEOTEXTILE FABRIC FOR SEPARATION
698.4	GEOTEXTILE FABRIC FOR PERMANENT EROSION CONTROL
701	CEMENT CONCRETE SIDEWALK
701.1	CEMENT CONCRETE SIDEWALK AT DRIVEWAYS
701.2	CEMENT CONCRETE WHEELCHAIR RAMP
701.3	CEMENT CONCRETE SIDEWALK AT MEDIAN
702	HOT MIX ASPHALT WALK SURFACE
703	HOT MIX ASPHALT DRIVEWAY
703.1	CONCRETE WHEEL STOP
704	STONE DUST WALKS
704.1	STONE DUST FOR DRIVEWAYS
705	FLAGSTONE WALK
705.1	FLAGSTONE WALK REMOVED AND RESET
706	BRICK WALK
706.1	BRICK WALK REMOVED AND RELAID
706.12	CONCRETE PAVERS FOR ROADWAY
706.2	BRICK STEPS
706.4	GRANITE STEPS REMOVED AND RESET
706.5	FIELD STONE WALK REMOVED AND RESET
706.6	GRANITE SLAB WALK REMOVED AND RESET
707.1	PARK BENCH
707.15	PARK BENCH REMOVED AND RESET
707.2	TRASH RECEPTACLE
707.3	TREE GRATE
707.5	TREE GUARD
707.6	PICNIC TABLE
707.8	STEEL BOLLARD
707.83	GRANITE BOLLARD REMOVED & DISCARDED
707.9	BICYCLE RACK
710.1	CONCRETE BOUND
710.2	BOUND (EXCLUDING COST OF BOUND)
710.3	BOUND - LETTERED GRANITE
710.4	BOUND - PLAIN GRANITE
710.6	TOWN LINE BOUND
710.7	TOWN LINE WITNESS BOUND
711	BOUND REMOVED AND RESET
711.1	PROPERTY BOUND REMOVED AND RESET
711.2	TOWN LINE BOUND REMOVED AND RESET
711.3	TOWN LINE WITNESS BOUND REMOVED AND RESET
712	BOUND REMOVED AND STACKED
712.1	TOWN LINE BOUND REMOVED AND STACKED
713.2	TOWN LINE POST REMOVED AND RESET
714	MONUMENT REMOVED AND RESET
714.1	MONUMENTS REMOVED AND RESET
714.2	COPPER DISKS REMOVED, STOCKPILED, AND RESET
715	RURAL MAIL BOX REMOVED AND RESET
715.1	MAIL BOX REMOVED AND RESET

Cost Account ID	Cost Account Name
717	METAL BIN-TYPE RETAINING WALL
718	FLAGPOLE
718.1	FLAGPOLE REMOVED AND RESET
719.91	BRONZE PLAQUE
734	SIGN REMOVED AND RESET
734.52	SIGN POST REMOVED AND STACKED
734.531	SIGN REM NON ELECTRIC TY 1
734.532	SIGN REM NON ELECTRIC TY 2
734.541	SIGN REM ELECTRIC TY 1
734.542	SIGN REM ELECTRIC TY 2
734.55	LIGHT POLE REM
740	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A)
740.1	RENOVATING ENGINEERS FIELD OFFICE
740.2	RELOCATE ENGINEERS FIELD OFFICE AND EQUIPMENT
741	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE B)
742	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE C)
743	ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE D)
744	MATERIALS LABORATORY AND EQUIPMENT
745	PEDESTRIAN BUS SHELTER
745.1	PEDESTRIAN BUS SHELTER REMOVED AND RESET
745.2	PEDESTRIAN BUS SHELTER REMOVED AND STACKED
746	TRANSPORTATION VEHICLE
746.6	TRANSPORTATION OFFICE VAN
747	EQUIPMENT FOR ENGINEERS FIELD OFFICE
748	MOBILIZATION
748.1	EMERGENCY RESPONSE
751	LOAM BORROW
751.1	LOAM REHANDLED AND SPREAD
751.7	COMPOST TOPSOIL
752	TOPSOIL REHANDLED AND SPREAD
753	PEAT BORROW
753.1	MODIFIED PEAT BORROW
754	WETLAND SOIL REHANDLED AND SPREAD
754.2	BOX TURTLE PROTECTION PLAN
754.24	MUSSEL PROTECTION PLAN
754.25	WOOD TURTLE PROTECTION PLAN BRIDGE STRUCTURES
754.26	MUSSEL PROTECTION PLAN BRIDGE PROJECTS
754.31	WOOD TURTLE PROTECTION PLAN PROTOCOL #2
755	WETLAND REPLICATION AREA
755.1	WELAND REPLICATION AREA -1
755.9	PROFESSIONAL WETLAND SPECIALIST
756	NPDES STORM WATER POLLUTION PLAN
760	IMPERVIOUS SOIL BORROW
765	SEEDING

Cost Account ID	Cost Account Name
765.1	SEEDING-680
765.11	TEMPORARY AND PERMANENT SEEDING
765.15	SEEDING - STEEP SLOPE MIX
765.2	SEED FOR EROSION CONTROL
765.3	SEED FOR EROSION CONTROL-1
765.4	SEEDING - UPLAND
765.46	SEEDING RESTORATION MIX FOR COMPOST
765.462	SEEDING - RESTORATION MIX FOR RIP RAP AREA
765.56	Seeding - Wetland - River Bank Mix
765.57	Seeding - Low Grass Mix
765.7	SEEDING WILDFLOWER
766	REFERTILIZATION
766.1	REFERTILIZATION-1
767	HAY MULCH
767.1	HAY MULCH-1
767.12	COMPOST FILTER TUBES
767.2	HAY MULCH-2
767.3	STRAW MULCH
767.31	STRAW MULCH-1
767.32	STRAW MULCH-2
767.4	WOOD CHIP MULCH
767.41	WOOD CHIP MULCH-1
767.42	WOOD CHIP MULCH - REMOVED AND RESPREAD
767.5	WOOD FIBRE MULCH
767.51	WOOD FIBRE MULCH-1
767.52	WOOD FIBRE MULCH-2
767.6	AGED PINE BARK MULCH
767.61	AGED PINE BARK MULCH-1
767.7	COMPOST FOR EROSION CONTROL
767.77	COMPOSTED WOOD CHIP MULCH FOR EROSION CONTROL
767.8	BALES OF HAY FOR EROSION CONTROL
767.9	MATTING FOR EROSION CONTROL
768.1	HERBICIDE APPLICATION
768.2	POISON IVY ERADICATION
769	PAVEMENT MILLING MULCH UNDER GUARD RAIL
770	LAWN SODDING
772.033	ARBORVITAE - DARK AMERICAN 2-3 FEET
772.036	ARBORVITAE - DARK AMERICAN 5-6 FEET
772.058	ARBORVITAE - EMERALD GREEN 5-6 FEET
772.138	ARBORVITAE - GIANT 5-6 FEET
772.146	ARBORVITAE - 'HETZ WINTERGREEN' 5-6 FEET
772.158	ARBORVITAE - PYRAMID 5-6 FEET
772.333	CEDAR-RED 2-3 FEET
772.336	CEDAR - RED 5-6 FEET
772.337	CEDAR - RED 7-8 FEET
772.346	FIR - DOUGLAS 5-6 FEET
772.356	FIR - FRASER 5-6 FEET
772.376	FIR - WHITE 5-6 FEET

Cost Account ID	Cost Account Name
772.433	HEMLOCK - CANADA 2-3 FEET
772.436	HEMLOCK - CANADA 5-6 FEET
772.439	HEMLOCK - CANADA 8-10 FEET
772.535	HEMLOCK - CAROLINA 4-5 FEET
773.036	PINE - AUSTRIAN 5-6 FEET
773.039	PINE - AUSTRIAN 8-10 FEET
773.136	PINE - JAPANESE BLACK 5-6 FEET
773.141	PINE - JAPANESE BLACK 8-10 FEET
773.148	PINE - JAPANESE UMBRELLA 6-7 FEET
773.224	PINE - PITCH 4-5 FEET
773.236	PINE - RED 5-6 FEET
773.238	PINE - RED 8-10 FEET
773.337	PINE - SCOTCH 5-6 FEET
773.408	PINE - SWISS STONE 5-6 FEET
773.436	PINE - WHITE 5-6 FEET
773.439	PINE - WHITE 10-12 FEET
774.037	SPRUCE - COLORADO GREEN 5-6 FEET
774.041	SPRUCE - COLORADO GREEN 8-10 FEET
774.136	SPRUCE - NORWAY 5-6 FEET
774.138	SPRUCE - NORWAY 8-10 FEET
774.235	SPRUCE - SERBIAN 5-6 FEET
774.238	SPRUCE - SERBIAN 8-10 FEET
774.638	SPRUCE - WHITE 5-6 FEET
774.642	SPRUCE - WHITE 7-8 FEET
775.003	ASH - GREEN 8-10 FEET
775.005	ASH - GREEN 2.5-3 INCH CALIPER
775.006	ASH - GREEN 3-3.5 INCH CALIPER
775.007	ASH - WHITE 8-10 FEET
775.008	ASH - WHITE 2-2.5 INCH CALIPER
775.011	ASH - WHITE 3-3.5 INCH CALIPER
775.012	BEECH - AMERICAN 2-2.5 INCH CALIPER
775.013	BEECH - AMERICAN 3-3.5 INCH CALIPER
775.015	BEECH - COPPER 2-2.5 INCH CALIPER
775.017	BEECH - COPPER 3 - 3.5 INCH CALIPER
775.018	BEECH - RIVER'S PURPLE 2-2.5 INCH CALIPER
775.019	BEECH RIVER'S PURPLE 3-3.5 INCH CALIPER
775.022	BUTTERNUT 8-10 FEET
775.026	CHESTNUT - SWEETHEART 8-10 FEET
775.029	ELM - CAMPERDOWN 3-3.5 INCH CALIPER
775.031	HICKORY - SHAGBARK 8-10 FEET
775.034	HOPHORNBEAM - AMERICAN 8-10 FEET
775.035	HOPHORNBEAM - AMERICAN 2-2.5 INCH CALIPER
775.038	HORNBEAM - AMERICAN 8-10 FEET
775.043	HORNBEAM - AMERICAN 3-3.5 INCH CALIPER
775.047	HORNBEAM - EUROPEAN 8-10 FEET
775.049	HORNBEAM - EUROPEAN 2-2.5 INCH CALIPER
775.055	HORNBEAM - FASTIGIATE 2.5-3 INCH CALIPER
775.061	PAGODA TREE 'REGENT' 2-2.5 INCH CALIPER
775.065	PAGODA TREE 'REGENT' 3-3.5 INCH CALIPER

Cost Account ID	Cost Account Name
775.071	JAPANESE SNOWBELL TREE 5-6 FEET
775.075	JAPANESE SNOWBELL TREE 1.5-2 INCH CALIPER
775.128	KATSURA TREE 2-2.5 INCH CALIPER
775.131	KATSURA TREE 3-3.5 INCH CALIPER
775.133	LARCH - EUROPEAN 2-2.5 INCH CALIPER
775.134	LARCH - EUROPEAN 3-3.5 INCH CALIPER
775.137	LARCH - JAPANESE 1.5-2 INCH CALIPER
775.139	LARCH - JAPANESE 3-3.5 INCH CALIPER
775.14	LINDEN - AMERICAN 2-2.5 INCH CALIPER
775.145	LINDEN - AMERICAN 3-3.5 INCH CALIPER
775.147	LINDEN - LITTLE LEAF 2-2.5 INCH CALIPER
775.151	LINDEN - LITTLE LEAF 3-3.5 INCH CALIPER
775.264	LINDEN - SILVER 2-2.5 INCH CALIPER
775.266	LINDEN - SILVER 3-3.5 INCH CALIPER
775.275	HONEY LOCUST - 1.5-2" CAL
775.431	LOCUST - HONEY - 'SHADEMASTER' 2-2.5 INCH CALIPER
775.434	LOCUST - HONEY - 'SHADEMASTER' 3-3.5 INCH CALIPER
775.437	LOCUST - HONEY - SKYLINE' 2-2.5 INCH CALIPER
775.441	LOCUST - HONEY - SKYLINE' 3-3.5 INCH CALIPER
776.036	MAPLE - AMUR 5-6 FEET
776.039	MAPLE - AMUR 10-12 FEET
776.044	MAPLE - HEDGE 2-2.5 INCH CALIPER
776.048	MAPLE - HEDGE 3-3.5 INCH CALIPER
776.354	MAPLE - JAPANESE CUTLEAF - 'EVER RED' 3.5-4 FOOT SPREAD
776.355	MAPLE - JAPANESE - GREEN CUTLEAF 3.5-4 FOOT SPREAD
776.475	MAPLE - PAPERBARK 2-2.5 INCH CALIPER
776.478	MAPLE - PAPERBARK 3-3.5 INCH CALIPER
776.521	RED MAPLE-1.5-2" CAL
776.523	MAPLE - RED - 'ARMSTRONG' 2-2.5 INCH CALIPER
776.525	MAPLE - RED - 'ARMSTRONG' 2.5-3 INCH CALIPER
776.527	MAPLE - RED - 'ARMSTRONG' 3-3.5 INCHE CALIPER
776.538	MAPLE - RED - 'OCTOBER GLORY' 8-10 FEET
776.543	MAPLE - RED - 'OCTOBER GLORY' 2-2.5 INCH CALIPER
776.551	MAPLE - RED - 'OCTOBER GLORY 3-3.5 INCH CALIPER
776.557	MAPLE - RED - 'RED SUNSET' 2-2.5 INCH CALIPER
776.561	MAPLE - RED - 'RED SUNSET' 3-3.5 INCH CALIPER
776.563	MAPLE - RED 1 5-2 INCH CALIPER
776.564	MAPLE-RED-2-2.5 INCH CAL.
776.737	MAPLE - SILVER 2-2.5 INCHES CALIPER
776.836	MAPLE - SUGAR 2-2.5 INCHES CALIPER
776.84	MAPLE - SUGAR 3-3.5 INCHES CALIPER
776.841	MAPLE - SUGAR - 'GREEN MOUNTAIN' 2-2.5 INCH CALIPER

Cost Account ID	Cost Account Name
776.845	MAPLE - SUGAR - 'GREEN MOUNTAIN' 3-3.5 INCH CALIPER
776.851	MAPLE SUGAR - 'LEGACY' 2-2.5 INCH CALIPER
776.855	MAPLE SUGAR - 'LEGACY' 3-3.5 INCH CALIPER
776.873	MAPLE - SUGAR - COLUMNAR 2-2.5 INCH CALIPER
776.875	MAPLE - SUGAR - COLUMNAR 2.5-3 INCH CALIPER
776.935	MAPLE - SYCAMORE 2-2.5 INCH CALIPER
776.939	MAPLE - SYCAMORE 3-3.5 INCH CALIPER
777.009	OAK - BLACK 1.5-2 INCH CALIPER
777.011	OAK - BLACK 2-2.5 INCH CALIPER
777.016	OAK - BUR 1.5-2 INCH CALIPER
777.018	OAK - BUR 2-2.5 INCH CALIPER
777.023	OAK - CHESTNUT 1.5-2 INCH CALIPER
777.025	OAK - CHESTNUT 2-2.5 INCH CALIPER
777.033	OAK - ENGLISH 2-2.5 INCH CALIPER
777.035	OAK - NORTHERN RED 1 5-2 INCH CALIPER
777.036	OAK - NORTHERN RED 2-2.5 INCH CALIPER
777.042	OAK - NORTHERN RED 2.5-3 INCH CALIPER
777.043	OAK - NORTHERN RED 3-3.5 INCH CALIPER
777.135	PIN OAK-1.5-2" CAL
777.138	OAK - PIN 2-2.5 INCH CALIPER
777.141	OAK - PIN 3-3.5 INCH CALIPER
777.161	OAK - PYRAMIDAL ENGLISH 1.5-2 INCH CALIPER
777.165	OAK - PYRAMIDAL ENGLISH 2.5-3 INCH CALIPER
777.239	OAK - SCARLET 10-12 FEET
777.241	OAK - SCARLET 2-2.5 INCH CALIPER
777.261	OAK - SWAMP WHITE 1.5-2 INCH CALIPER
777.327	OAK - WHITE 1.5-2 INCH CALIPER
777.332	OAK - WHITE 2.5-3 INCH CALIPER
777.342	OAK - WILLOW 2.5-3 INCH CALIPER
777.438	PLANETREE - AMERICAN 8-10 FEET
777.442	PLANETREE - AMERICAN 2-2.5 INCH CALIPER
777.446	PLANETREE - AMERICAN 3-3.5 INCH CALIPER
777.538	PLANETREE - LONDON 8-10 FEET
777.542	PLANETREE - LONDON 2-2.5 INCH CALIPER
777.546	PLANETREE - LONDON 3-3.5 INCH CALIPER
777.631	POPLAR - EASTERN 2-2.5 INCH CALIPER
777.641	POPLAR - BOLLEANA 2-2.5 INCH CALIPER
777.673	SWEETGUM 2-2.5 INCH CALIPER
777.677	SWEETGUM 3-3.5 INCH CALIPER
777.731	WALNUT - EASTERN BLACK 6-8 FEET
777.738	WILLOW - YELLOW WEEPING 8-10 FEET
777.741	WILLOW - YELLOW WEEPING 2-2.5 INCH CALIPER
777.743	WILLOW - YELLOW WEEPING 2.5-3 INCH CALIPER
777.745	WILLOW - YELLOW WEEPING 3-3.5 INCH CALIPER
777.75	WILLOW - BLACK LIVE CUTTING
778.009	ASPEN - QUAKING 8-10 FEET
778.013	ASPEN - QUAKING 2-2.5 INCH CALIPER

Cost Account ID	Cost Account Name
778.121	BIRCH - PAPER 1.5-2 INCH CALIPER
778.125	BIRCH - PAPER 2.5-3 INCH CALIPER
778.137	BIRCH - PAPER 6-8 FOOT CLUMP
778.141	BIRCH - PAPER 10-12 FOOT CLUMP
778.16	BIRCH - RIVER 'HERITAGE' 6-8 FOOT CLUMP
778.161	BIRCH - RIVER 'HERITAGE' 8-10 FOOT CLUMP
778.165	BIRCJ - RIVER 'HERITAGE' 12-14 FOOT CLUMP
778.239	BIRCH - WHITE EUROPEAN 10-12 FEET
778.241	BIRCH - EUROPEAN - SINGLE STEM 1.5-2 INCH CALIPER
778.245	BIRCH - EUROPEAN - SINGLE STEM 2.5-3 INCH CALIPER
778.251	BIRCH - WHITESPIRE JAPANESE 2.5-3 INCH CALIPER
778.253	BIRCH - WHITESPIRE JAPANESE 12-14 FOOT CLUMP
778.263	CAROLINA SILVERBELL 1.5-2 INCH CALIPER
778.267	CAROLINA SILVERBELL 2.5-3 INCH CALIPER
778.313	CHERRY - AUTUMN FLOWERING 1.5-2 INCH CALIPER
778.317	CHERRY - AUTUMN FLOWERING 2.5-3 INCH CALIPER
778.321	CHERRY - BLACK 8-10 FEET
778.323	CHERRY - BLACK 1.5-2 INCH CALIPER
778.335	CHERRY - CHOKE 'SHUBERT' 1.5-2 INCH CALIPER
778.339	CHERRY - CHOKE 'SHUBERT' 2.5-3 INCH CALIPER
778.343	CHERRY - HIGAN - WEEPING 1.5-2 INCH CALIPER
778.347	CHERRY - HIGAN - WEEPING 2.5-3 INCH CALIPER
778.353	CHERRY - KWANZAN 1.5-2 INCH CALIPER
778.357	CHERRY - KWANZAN 2.5-3 INCH CALIPER
778.363	CHERRY - MT. FUJI 1.5-2 INCH CALIPER
778.367	CHERRY - MT. FUJI 2.5-3 INCH CALIPER
778.373	CHERRY - SARGENT 1.5-2 INCH CALIPER
778.377	CHERRY - SARGENT 2.5-3 INCH CALIPER
778.383	CHERRY - SARGENT COLUMNAR 1.5-2 INCH CALIPER
778.387	CHERRY - SARGENT COLUMNAR 2.5-3 INCH CALIPER
778.393	CHERRY - YOSHINO 1.5-2 INCH CALIPER
778.397	CHERRY - YOSHINO 2.5-3 INCH CALIPER
778.399	CORK - AMUR 8-10 FEET
778.401	CORNELIANCHERRY 6-8 FEET
778.405	CORNELIANCHERRY 1.5-2 INCH CALIPER
778.413	CRABAPPLE - CENTURION' 1.5-2 INCH CALIPER
778.417	CRABAPPLE - CENTURION' 2.5-3 INCH CALIPER
778.423	CRABAPPLE - 'DONALD WYMAN' 1.5-2 INCH CALIPER
778.427	CRABAPPLE - 'DONALD WYMAN' 2.5-3 INCH CALIPER
778.433	CRABAPPLE - 'PINK PERFECTION' 1.5-2 INCH CALIPER

Cost Account ID	Cost Account Name
778.437	CRABAPPLE - 'PINK PERFECTION 2.5-3 INCH CALIPER
778.443	CRABAPPLE - 'RADIANT' 1.5-2 INCH CALIPER
778.447	CRABAPPLE - 'RADIANT' 2.5-3 INCH CALIPER
778.453	CRABAPPLE - 'RED JADE' WEEPING 1.5-2 INCH CALIPER
778.457	CRABAPPLE - 'RED JADE' - WEEPING 2.5-3 INCH CALIPER
778.463	CRABAPPLE - 'SNOWDRIFT' 1.5-2 INCH CALIPER
778.467	CRABAPPLE - 'SNOWDRIFT 2.5-3 INCH CALIPER
778.473	CRABAPPLE - 'ZUMI' 1.5-2 INCH CALIPER
778.477	CRABAPPLE - 'ZUMI' 2.5-3 INCH CALIPER
780.137	DOGWOOD - JAPANESE CLUMP 6-8 FEET
780.141	DOGWOOD - JAPANESE CLUMP 10-12 FEET
780.142	DOGWOOD - JAPANESE SINGLE STEM 2-2.5 INCH CALIPER
780.143	DOGWOOD - JAPANESE SINGLE STEM 2.5-3 INCH CALIPER
780.155	DOGWOOD - PINK 'RUBRA' 2-2.5 INCH CALIPER
780.159	DOGWOOD - PINK 'RUBRA' 3-3.5 INCH CALIPER
780.165	DOGWOOD - 'CHEROKEE CHIEF' 2-2.5 INCH CALIPER
780.169	DOGWOOD - 'CHEROKEE CHIEF' 3-3.5 INCH CALIPER
780.175	DOGWOOD - 'CHEROKEE PRINCESS' 2-2.5 INCH CALIPER
780.179	DOGWOOD - 'CHEROKEE PRINCESS' 3-3.5 INCH CALIPER
780.237	DOGWOOD - KOUSA 6-8 FEET
781.023	FRINGE TREE 6-8 FEET
781.037	GOLDENCHAIN - FLOWERING 6-8 FEET
781.137	GOLDENRAIN TREE 6-8 FEET
781.141	GOLDENRAIN TREE 2.5-3 INCH CALIPER
781.171	HACKBERRY TREE 1.5-2 INCH CALIPER
781.173	HACKBERRY TREE 2-2.5 INCH CALIPER
781.253	HAWTHORN - 'CRIMSON CLOUD' 1.5-2 INCH CALIPER
781.257	HAWTHORN - 'CRIMSON CLOUD' 2.5-3 INCH CALIPER
781.263	HAWTHORN - 'WINTER KING' 1.5-2 INCH CALIPER
781.265	WINTER KING HAWTHORNE
781.267	HAWTHORN - 'WINTER KING' 2.5-3 INCH CALIPER
781.273	HAWTHORN - LAVALLE 1.5-2 INCH CALIPER
781.277	HAWTHORN - LAVALLE 2.5-3 INCH CALIPER
781.285	HAWTHORN - WASHINGTON CLUMP 8-10 FOOT CLUMP
781.287	HAWTHORN - WASHINGTON CLUMP 10-12 FOOT CLUMP
781.473	HORSECHESTNUT - BAUMAN'S 2-2.5 INCH CALIPER
781.477	HORSECHESTNUT - BAUMAN'S 3-3.5 INCH CALIPER
781.483	HORSECHESTNUT - RED 1.5-2 INCH CALIPER
781.487	HORSECHESTNUT - RED 2.5-3 INCH CALIPER
781.571	LILAC TREE - JAPANESE CLUMP 6-8 FOOT CLUMP
781.573	LILAC TREE - JAPANESE CLUMP 8-10 FOOT CLUMP
781.575	LILAC TREE - JAPANESE CLUMP 10-12 FOOT CLUMP
781.579	LILAC TREE - JAPANESE 2-2.5 INCH CALIPER
782.025	MAGNOLIA TREE - 'MERRILL' 8-10 FEET
782.036	MAGNOLIA TREE - SAUCER 5-6 FEET
782.039	MAGNOLIA TREE - SAUCER 8-10 FEET
782.044	MAGNOLIA TREE - STAR 6-7 FEET
782.048	MAGNOLIA TREE - STAR 8-10 FEET
782.053	MAGNOLIA TREE - SWEETBAY 5-6 FEET
782.057	MAGNOLIA TREE - SWEETBAY 7-8 FEET
782.145	MAIDENHAIR TREE 2-2.5 INCH CALIPER
782.149	MAIDENHAIR TREE 3-3.5 INCH CALIPER
782.237	MOUNTAIN ASH - EUROPEAN 6-8 FEET
782.239	MOUNTAIN ASH - EUROPEAN 2-2.5 INCH CALIPER
782.243	MOUNTAIN ASH - EUROPEAN 3-3.5 INCH CALIPER
782.245	MOUNTAIN ASH - KOREAN 1.5-2 INCH CALIPER
782.251	MOUNTAIN ASH - KOREAN 2.5-3 INCH CALIPER
782.353	OHIO BUCKEYE 2-2.5 INCH CALIPER
782.357	OHIO BUCKEYE 3-3.5 INCH CALIPER
782.373	PAGODA TREE - 'REGENT' 2-2.5 INCH CALIPER
782.377	PAGODA TREE - 'REGENT' 3-3.5 INCH CALIPER
782.403	PEAR - CALLERY - 'ARISTOCRAT' 2-2.5 INCH CALIPER
782.407	PEAR - CALLERY - 'ARISTOCRAT' 3-3.5 INCH CALIPER
782.413	PEAR - CALLERY - 'BRADFORD' 2-2.5 INCH CALIPER
782.417	PEAR - CALLERY - 'BRADFORD' 3-3.5 INCH CALIPER
782.423	PEAR - CALLERY - 'CHANTICLEER' 2-2.5 INCH CALIPER
782.427	PEAR - CALLERY - 'CHANTICLEER' 3-3.5 INCH CALIPER
782.453	PLUM TREE - 'NEWPORT' 1.5-2 INCH CALIPER
782.457	PLUM TREE - 'NEWPORT' 2.5-3 INCH CALIPER
782.473	PLUM TREE - 'THUNDRCLOUD' 1.5-2 INCH CALIPER
782.477	PLUM TREE - 'THUDERCLOUD' 2.5-3 INCH CALIPER
782.536	REDBUD - EASTERN 5-6 FEET
782.537	REDBUD - EASTERN 1.5-2 INCH CALIPER
782.539	REDBUD - EASTERN 2.5-3 INCH CALIPER
782.634	REDWOOD - DAWN 2-2.5 INCH CALIPER
783.037	SHAD TREE - ALLEGHENY CLUMP 4-5 FEET
783.041	SHAD TREE - ALLEGHENY CLUMP 8-10 FEET
783.045	SHAD TREE - DOWNY 6-8 FEET
783.049	SHAD TREE - DOWNY 2-2.5 INCH CALIPER
783.339	SOURWOOD 1.5-2 INCH CALIPER

Cost Account ID	Cost Account Name
783.343	SOURWOOD 2.5-3 INCH CALIPER
783.366	STEWARTIA 7-8 FEET
783.442	TULIP TREE 2.5-3 INCH CALIPER
783.443	TULIP TREE 3-3.5 INCH CALIPER
783.465	TUPELO 1.5-2 INCH CALIPER
783.467	TUPELO 2-2.5 INCH CALIPER
783.537	YELLOWWOOD 1.5-2 INCH CALIPER
783.539	YELLOWWOOD 2-2.5 INCH CALIPER
783.639	ZELKOVA - 'GREEN VASE' 2-2.5 INCH CALIPER
783.641	ZELKOVA - 'GREEN VASE 2.5-3 INCH CALIPER
783.645	ZELKOVA - 'VILLAGE GREEN' 2-2.5 INCH CALIPER
783.647	ZELKOVA - 'VILLAGE GREEN' 2.5-3 INCH CALIPER
785.013	ABELIA SHRUB - GLOSSY 15-18 INCH
785.023	ABELIA SHRUB - GLOSSY 2-3 FEET
785.175	ANDROMEDA - MOUNTAIN 24-36 INCH
785.179	BOG ROSEMARY 1 GALLON
785.181	BOXWOOD - COMMON 18-24 INCH
785.183	BOXWOOD - COMMON 3-4 FEET
785.189	BOXWOOD - 'GREEN MOUNTAIN' 18-24 INCH
785.193	EUONYMOUS - 'EMERALD GAIETY' 1 GALLON
785.201	EUONYMOUS - 'KEWENSIS' 1 GALLON
785.205	EUONYMOUS - UPRIGHT WINTERCREEPER 2-3 FEET
785.213	HEATHER - COMMON 2 GALLON
785.217	HEATHER - 'MAIRES' 2 GALLON
785.223	HEATHER - 'SPRING CREAM' 2 GALLON
785.525	HEMLOCK - WEEPING 2-3 FOOT SPREAD
785.533	HOLLY - AMERICAN MALE 6-7 FEET
785.537	HOLLY - AMERICAN FEMALE 6-7 FEET
785.541	HOLLY - 'BLUE PRINCE' 18-24 INCH
785.543	HOLLY - 'BLUE PRINCE' 2-3 FEET
785.545	HOLLY - 'BLUE PRINCESS' 18-24 INCH
785.547	HOLLY - 'BLUE PRINCESS' 2-3 FEET
785.551	HOLLY - 'CHINA BOY' 18-24 INCH
785.553	HOLLY - 'CHINA BOY' 2-3 FEET
785.555	HOLLY - 'CHINA GIRL' 18-24 INCH
785.557	HOLLY - 'CHINA GIRL' 2-3 FEET
785.571	HOLLY - JAPANESE COMPACT 18-24 INCH
785.573	HOLLY - JAPANESE COMPACT 24-30 INCH
785.577	HOLLY - JAPANESE CONVEXA 18-24 INCH
785.579	HOLLY - JAPANESE CONVEXA 24-30 INCH
785.581	HOLLY - 'JAPANESE - 'HELLER' 18-24 INCH
785.583	HOLLY - JAPANESE - 'HELLER' 24-30 INCH
785.585	HOLLY - JAPANESE - 'HETZ' 18-24 INCH
785.587	HOLLY - JAPANESE - 'HETZ' 24-30 INCH
785.593	HOLLY - LONGSTALK MALE 2-3 FEET
785.597	HOLLY - LONGSTALK FEMALE 2-3 FEET
785.609	HOLLY - OREGON GRAPE COMPACT 15-18 INCH
785.611	HOLLY - OREGON GRAPE COMPACT 18-24 INCH

Cost Account ID	Cost Account Name
785.631	INKBERRY 18-24 INCH
785.633	INKBERRY 2-3 FEET
785.731	INKBERRY - COMPACT 18-24 INCH
785.733	INKBERRY - COMPACT 24-30 INCH
786.011	JUNIPER - ANDORRA 12-15 INCH
786.031	JUNIPER - ANDORRA 18-24 INCH
786.079	JUNIPER - BAR HARBOR 12-15 INCH
786.081	JUNIPER - BAR HARBOR 15-18 INCH
786.099	JUNIPER - BAR HARBOR 2 GALLONS
786.101	JUNIPR - 'BLUE HAVEN' 18-24 INCH
786.105	JUNIPER - 'BLUE HAVEN' 2.5-3 FEET
786.109	JUNIPER - BLUE RUG' 12-15 INCH
786.111	JUNIPER - 'GREY OWL' 2 GALLON
786.113	JUNIPER - 'GREY OWL' 3 GALLON
786.115	JUNIPER - 'SEA GREEN' 2 GALLONS
786.321	JUNIPER - HETZ 15-18 INCH
786.331	JUNIPER - HETZ 18-24 INCH
786.371	JUNIPER 'MINT JULEP' 15-18 INCH
786.375	JUNIPER 'MINT JULEP' 24-30 INCH
786.421	JUNIPER - PFITZER 15-18 INCH
786.431	JUNIPER - PFITZER 24-30 INCH
786.433	JUNIPER - PFITZER COMPACT 15-18 INCH
786.437	JUNIPER - PFITZER COMPACT 24-30 INCH
786.461	JUNIPER SARGENT'S GREEN 15-18 INCH
786.467	JUNIPER SARGENT'S GREEN 24-30 INCH
786.471	JUNIPER 'SEA GREEN' 18-24 INCH
786.475	JUNIPER 'SEA GREEN' 2.5-3 FEET
786.633	LEUCOTHOE - COAST 18-24 INCH
786.637	LEUCOTHOE - COMPACT DROOPING 18-24 INCH
786.671	MOUNTAIN LAUREL 24-30 INCH
786.673	MOUNTAIN LAUREL 3-4 FEET
787.031	PINE SHRUB - MUGO 18-24 INCH
787.037	PINE - MUGO DWARF 12-15 INCHES
787.043	RHODO - 'BOULE DE NEIGE' 18-24 INCH
787.045	RHODO - 'BOULE DE NEIGE' 24-30 INCH
787.047	RHODO - CAROLINA 18-24 INCH
787.049	RHODO - CAROLINA 24-30 INCH
787.051	RHODO - 'CHIONOIDES' 18-24 INCH
787.053	RHODO - 'CHIONOIDES' 24-30 INCH
787.055	RHODO - CUNNINGHAM WHITE 18-24 INCH
787.057	RHODO - CUNNINGHAM WHITE 24-30 INCH
787.059	RHODO - ENGLISH ROSEUM 18-24 INCH
787.061	RHODO - ENGLISH ROSEUM 24-30 INCH
787.063	RHODO - NOVA ZEMBLA 18-24 INCH
787.065	RHODO - NOVA ZEMBLA 24-30 INCH
787.067	RHODO - PJM 18-24 INCH
787.069	RHODO - PJM 24-30 INCH
787.071	RHODO -PJM AGLO' 18-24 INCH
787.073	RHODO -PJM AGLO' 24-30 INCH

Cost Account ID	Cost Account Name
787.075	RHODO - 'PJM OLGA' 18-24 INCH
787.077	RHODO - 'PJM OLGA' 24-30 INCH
787.079	RHODO - ROSEBAY 18-24 INCH
787.081	RHODO - ROSEBAY 24-30 INCH
787.083	RHODO - 'ROSEUM ELEGAN'S' 18-24 INCH
787.085	RHODO - 'ROSEUM ELEGAN'S' 24-30 INCH
787.087	RHODO - WILSON 15-18 INCH
787.089	RHODO - WILSON 18-21 INCH
787.091	RHODO - YAKU 'PRINCE' 12-15 INCHES
787.093	RHODO - YAKU 'PRINCESS' 12-15 INCHES
787.097	SPRUCE - BIRD'S NEST 18-24 INCH SPREAD
787.183	YEW - COLUMNAR ENGLISH 3-4 FEET
787.231	YEW - HATFIELD 18-24 INCH
787.233	YEW - HATFIELD 2-3 FEET
787.241	YEW - HICK'S 18-24 INCH HEAVY
787.245	YEW - HICK'S 30-36 INCH
787.253	YEW - SPREADING DENSE 18-24 INCH HEAVY
787.255	YEW - SPREADING DENSE 24-30 INCH
787.263	YEW - SPREADING ENGLISH 24-30 INCH SPREAD
787.321	YEW - SPREADING JAPANESE 15-18 INCH
787.331	YEW - SPREADING JAPANESE 18-24 INCH
787.421	YEW - UPRIGHT JAPANESE 15-18 INCH
787.431	YEW - UPRIGHT JAPANESE 18-24 INCH
787.441	YEW - UPRIGHT JAPANESE 5-6 FEET
788.013	ALDER SHRUB - SPECKLED 2 GALLON
788.131	ARALIA - FIVELEAF 18-24 INCH
788.133	ARALIA - FIVELEAF 2-3 FEET
788.205	AZALEA - 'BLAAUW'S PINK' 18-24 INCHES
788.209	AZALEA - 'CORAL BELLS' 18-24 INCHES
788.213	AZALEA - CORNELL PINK 18-24 INCH
788.217	AZALEA - 'DEL VALLEY WHITE' 18-24 INCH
788.219	AZALEA 7 GALLON
788.221	AZALEA - 'ELIZABETH GABLE' 18-24 INCH
788.225	AZALEA - 'GIRARD'S ROSE' 18-24 INCH
788.229	AZALEA - 'HINO CRIMSON' 18-24 INCH
788.233	AZALEA - KOREAN COMPACT 18-24 INCH
788.237	AZALEA - 'MOTHER'S DAY' 18-24 INCH
788.239	AZALEA - PINKSHELL 18-24 INCH
788.245	AZALEA - 'ROEHR'S TRADITION' 18-24 INCH
788.249	AZALEA - 'ROSEBUD' 18-24 INCH
788.253	AZALEA - ROYAL 18-24 INCH
788.257	AZALEA - 'SALMON SPRAY' 18-24 INCH
788.261	ALAEA - 'STEWARTSONIAN' 18-24 INCH
788.263	AZALEA - SWAMP 18-24 INCH
788.265	AZALEA - SWAMP 2-3 FEET
788.29	CHERRY-SARGENT COLUMNARY CHERRY -2-2.5 INCH CAL.
789.321	BAYBERRY SHRUB - NORTHERN 15-18 INCH
789.331	BAYBERRY SHRUB - NORTHERN 18-24 INCH

Cost Account ID	Cost Account Name
789.333	BAYBERRY SHRUB - NORTHERN 2-3 FEET
789.431	BEACH PLUM SHRUB 18-24 INCH
789.433	BEACH PLUM SHRUB 2-3 FEET
789.631	BLUEBERRY - HIGHBUSH 18-24 INCH
789.633	BLUEBERRY - HIGHBUSH 2-3 FEET
789.669	BLUEBERRY - LOWBUSH 6-9 INCH HEIGHT
789.713	BUCKEYE - BOTTLEBRUSH 2-3 FEET
789.725	BUTTERFLY BUSH 24-36 INCHES
789.728	RED - CHOKEBERRY 2-2 5 FEET
789.74	BUTTONBUSH 18-24 INCH
789.817	CINQUEFOIL - ABBOTSWOOD 2-3 FEET
789.823	CINQUEFOIL - JACKMAN'S 12-15 INCHES
789.827	CINQUEFOIL - JACKMAN'S 2-3 FEET
789.835	CINQUEFOIL - KATHERINE DYKES 2-3 FEET
790.033	CORALBERRY SHRUB 2-3 FEET
790.133	CORALBERRY SHRUB-CHENAULT 2-3 FEET
790.261	CORNELIANCHERRY 18-24 INCH
790.263	CORNELIANCHERRY 2-3 FEET
790.327	COTONEASTER - CRANBERRY 18-24 INCH
790.329	COTONEASTER - ROCKSPRAY 18-24 INCH
790.331	COTONEASTER - SPREADING 18-24 INCH
790.433	CRANBERRY BUSH - AMERICAN 2-3 FEET
790.438	CRANBERRY - DWARF 12-15 INCH SPREAD
790.531	DOGWOOD - GRAY TWIG 18-24 INCH
790.533	DOGWOOD - GRAY TWIG 2-3 FEET
790.63	DOGWOOD - RED OSIER LIVE CUTTING
790.631	DOGWOOD - REDOSIER 18-24 INCH
790.633	DOGWOOD - REDOSIER 2-3 FEET
790.643	DOGWOOD - SIBERIAN 2-3 FEET
790.719	DOGWOOD - SILKY 2-3 FEET
790.72	DOGWOOD - SILKY
790.733	DOGWOOD - YELLOW TWIG 2-3 FEET
791.033	ELDERBERRY 2-3 FEET
791.243	FIRETHORN - LALAND 2-3 FEET
791.251	FORSYTHIA - 'ARNOLD DWARF' 15-24 INCH
791.255	FORSYTHIA - 'LYNWOOD GOLD' 3-4 FEET
791.259	FORSYTHIA - 'SPECTABILIS' 3-4 FEET
791.263	FORSYTHIA - WEEPING 18-24 INCHES
791.313	FOTHERGILLA - DWARF 18-24 INCH SPREAD
792.009	HYDRANGEA - ANNABELLE 18-24 INCHES
792.013	HYDRANGEA - BIGLEAF 18-24 INCHES
792.017	HYDRANGEA - OAKLEAF 18-24 INCHES
792.021	HYDRANGEA - PEEGEE 24-36 INCHES
792.433	LILAC - COMMON PURPLE 3-4 FEET
792.435	LILAC - COMMON PURPLE 4-5 FEET
792.443	LILAC - BELLE DE NANCY 3-4 FEET
792.449	LILAC - ELLEN WILLMONT 3-4 FEET
792.621	LOCUST - BRISTLY 15-18 INCH
792.735	MOCK ORANGE 'SNOWFLAKE' 2-3 FEET

Cost Account ID	Cost Account Name
793.033	NINEBARK SHRUB - COMMON 2-3 FEET
793.053	NINEBARK SHRUB - GOLDEN 2-3 FEET
793.317	PRIVET - AMUR 24-30 INCH
793.331	PRIVET - REGAL 18-24 INCH
793.343	QUINCE - CAMEO FLOWERING 18-24 INCH SPREAD
793.353	QUINCE - TEXAS SCARLET 2-3 FEET
793.505	ROSE OF SHARON 'DIANA' 3-4 FEET
793.509	ROSE OF SHARON 'LUCY' 3-4 FEET
793.513	ROSE OF SHARON 'WOODBRIDGE' 3-4 FEET
793.527	SANDCHERRY - PURPLE LEAF 2-3 FEET
793.529	SANDCHERRY - PURPLE LEAF 3-4 FEET
793.712	SPICEBUSH 15-18 INCH
793.715	SPICEBUSH 5 GALLON
793.731	SPIREA - 'ANTHONY WATERER' 2-3 FEET
794.133	SPIREA - BRIDAL WREATH 2-3 FEET
794.143	SPIREA - LITTLE PRINCESS' 15-18 INCH SPREAD
794.153	SPREA - 'SNOWMOUND' 2-3 FEET
794.233	SPIREA - VANHOUTTE 2-3 FEET
794.321	SUMAC SHRUB - FRAGRANT 15-18 INCH
794.333	SUMAC SHRUB - FRAGRANT 2-3 FEET
794.336	SUMAC SHRUB - FRAGRANT 'GRO-LOW' 3 GALLONS
794.431	SUMAC SHRUB - SHINING 18-24 INCH
794.433	SUMAC SHRUB - SHINING 2-3 FEET
794.531	SUMAC SHRUB - SMOOTH 18-24 INCH
794.533	SUMAC SHRUB - SMOOTH 2-3 FEET
794.621	SUMAC SHRUB - STAGHORN 15-18 INCH
794.633	SUMAC SHRUB - STAGHORN 2-3 FEET
794.731	SUMMERSWEET SHRUB 18-24 INCH
794.737	SUMMERSWEET SHRUB 3-4 FEET
794.743	SUMMERSWEET SHRUB 2-3 FEET
794.803	SWEETFERN 1 GALLON
794.805	SWEETFERN 2 GALLON
795	ARROWWOOD-2-3 FEET
795.009	VIBURNUM - ARROWWOOD 18-24 INCHES
795.013	VIBURNUM - ARROWWOOD 3-4 FEET
795.017	VIBURNUM - BLACKHAW 24-36 INCHES
795.023	VIBURNUM - BURKWOOD 24-36 INCHES
795.031	VIBURNUM - CRANBERRY BUSH 3-4 FEET
795.035	VIBURNUM - DOUBLEFILE 'MARIE'S' 24-30 INCH
795.037	VIBURNUM - DOUBLEFILE 'MARIES' 3-4 FEET
795.041	VIBURNUM - DOUBLEFILE 'SHASTA' 24-30 INCH
795.043	VIBURNUM - DOUBLEFILE 'SHASTA' 3-4 FEET
795.047	VIBURNUM - FRAGANT SNOWBALL 24-30 INCH
795.051	VIBURNUM - HIGHBUSH CRANBERRY 24-30 INCHES
795.053	VIBURNUM - HIGHBUSH CRANBERRY 3-4 FEET
795.057	VIBURNUM - LEATHERLEAF 24-30 INCH
795.061	VIBURNUM - LINDEN 2-3 FEET

Cost Account ID	Cost Account Name
795.065	VIBURNUM - MAYFLOWER 24-30 INCH
795.069	VIBURNUM - NANNYBERRY 24-30 INCH
795.073	VIBURNUM - ORIENTAL 2-3 FEET
795.077	VIBURNUM - SNOWBALL 24-30 INCH
795.079	VIBURNUM - WITHEROD 18-24 INCH
795.081	VIBURNUM - WITHEROD 24-30 INCH
795.113	WEIGELA - PINK PRINCESS 24-30 INCH
795.117	WEIGELA - RED PRINCE 24-30 INCH
795.151	WINTERBERRY - MALE 18-24 INCH
795.153	WINTERBERRY - MALE 24-30 INCH
795.155	WINTERBERRY - FEMALE 18-24 INCH
795.157	WINTERBERRY - FEMALE 24-30 INCH
795.181	WITCH HAZEL 'ARNOLD PROMISE' 2-3 FEET
795.182	WITCH HAZEL 2-3 FEET
795.183	WITCH HAZEL 'ARNOLD PROMISE' 3-4 FEET
795.185	WITCH HAZEL - AUTUMN BLOOMING 2-3 FEET
795.187	WITCH HAZEL - AUTUMN BLOOMING 3-4 FEET
795.189	WITCH HAZEL - SPRING BLOOMING 2-3 FEET
795.191	WITCH HAZEL - SPRING BLOOMING 3-4 FEET
795.431	WILLOW - PUSSY 18-24 INCH
795.433	WILLOW - PUSSY 2-3 FEET
795.44	WILLOW-PUSSY LIVE CUTTING
796.009	BEARBERRY 1 GALLON
796.011	BEARBERRY 2 GALLON
796.015	DEAD NETTLE 2 QUART
796.027	HONEYSUCKLE VINE 'GOLDFLAME' 2 GALLON
796.029	HONEYSUCKLE VINE 'HALL'S' 2 GALLON
796.033	IVY VINE - BALTIC PER FLAT
796.035	IVY VINE - BALTIC 1 GALLON
796.037	IVY VINE - BOSTON PER FLAT
796.039	IVY VINE - BOSTON 1 GALLON
796.043	MYRTLE VINE PER FLAT
796.045	MYRTLE VINE 1 GALLON
796.049	PACHYSANDRA PER FLAT
796.053	SILVER FLEECE VINE 1 GALLON
796.061	TRUMPET CREEPER 1 GALLON
796.063	TRUMPET CREEPER - 'FLAVA' 2 GALLON
796.065	TRUMPET CREEPER - 'MADAME GALEN' 5 GALLON
796.071	VIRGINIA CREEPER 1 GALLON
796.073	VIRGINIA CREEPER 2 GALLON
796.079	WINTERCREEPER - PURPLELEAF PER FLAT
796.081	WINTERCREEPER - PURPLELEAF 1 GALLON
796.211	ROSE - BONICA 2 GALLON
796.217	ROSE - FLOWER CARPET 1 GALLON
796.219	ROSE - FLOWER CARPET 2 GALLON
796.225	ROSE - PINK MEIDILAND 2 GALLON
796.235	ROSE - RUGOSA PINK 2 GALLON
796.237	ROSE - RUGOSA PINK 3 GALLON

Cost Account ID	Cost Account Name
796.241	ROSE - RUGOSA RED 2 GALLON
796.243	ROSE - RUGOSA RED 3 GALLON
796.247	ROSE - RUGOSA WHITE 2 GALLON
796.249	ROSE - RUGOSA WHITE 3 GALLON
796.255	ROSE - SEA FOAM 2 GALLON
796.265	ROSE - SEVILLANA 2 GALLON
796.275	ROSE - SIMPLICITY 2 GALLON
796.285	ROSE - THE FAIRY 2 GALLON
796.295	ROSE - WHITE MEIDILAND 2 GALLON
796.403	BLUE FESCUE 1 GALLON
796.409	BLUE OAT GRASS 1 GALLON
796.415	BLUE LYME GRASS 1 GALLON
796.419	COMMON RUSH 1 GALLON
796.423	DWARF FOUNTAIN GRASS - 'HAMELN' 1 GALLON
796.425	DWARF FOUNTAIN GRASS - LITTLE BUNNY 1 GALLON
796.427	FEATHER REED GRASS 2 GALLON
796.431	FOUNTAIN GRASS 1 GALLON
796.435	JAPANESE BLOOD GRASS 1 GALLON
796.441	JAPANESE SEDGE GRASS 2 QUART
796.445	LILYTURF 2 QUART
796.449	MAIDEN GRASS 'MORNING LIGHT' 2 GALLON
796.451	MAIDEN GRASS - DWARF 1 GALLON
796.454	SWITCHGRASS 1 GALLON
796.455	SWITCH GRASS 2 GALLON
796.461	TUFTED HAIR GRASS 'GOLD VEIL' 2 GALLON
796.467	ZEBRA GRASS 2 GALLON
796.705	ALPINE ASTER 2 QUART
796.713	BEE BALM 2 QUART
796.715	BLACK EYED SUSAN 2 QUART
796.717	BLACK EYED SUSAN 2 GALLON
796.719	BLANKET FLOWER 1 GALLON
796.721	BUTTERFLY WEED 2 QUART
796.725	CARDINAL FLOWER 2 QUART
796.727	CHRISTMAS FERN 1 GALLON
796.729	CINNAMMON FERN 1 GALLON
796.733	COREOPSIS LANCELEAF 1 GALLON
796.735	PLANTAINLILY BLUE CADET 2 GALLON
796.737	PLANTAINLILY BLUE MOUSE EARS 2 GALLON
796.739	IRIS-DWARF CRESTED 1 GALLON
796.741	COREOPSIS THREAD - 'MOONBEAM' 2 GALLON
796.747	DAYLILY - 'FLAVA' 1 GALLON
796.751	DAYLILY - 'FULVA' 1 GALLON
796.755	DAYLILY - PEACH FAIRY' 1 GALLON
796.759	DAYLILY - 'PRIMA DONNA' 1 GALLON
796.763	DAYLILY - 'STELLA D'ORO' 1 GALLON
796.767	DAYLILY - 'TICK TOCK' 1 GALLON
796.775	ENGLISH LAVENDER 1 GALLON
796.777	EVENING PRIMROSE 2 QUART
796.779	GAYFEATHER - 'KOBALD' 2 QUART
796.783	GLOBE THISTLE 2 QUART
796.787	LAMB'S EAR - 'SILVER CARPET' 2 QUART
796.789	LAVENDAR COTTON 2 QUART
796.791	LUPINE 2 QUART
796.797	MEADOW SAGE 1 GALLON
796.803	NEW ENGLAND ASTER 1 GALLON
796.813	POPPY-ICELAND 2 QUART
796.815	POPPY - ORIENTAL 2 QUART
796.817	PURPLE CONEFLOWER 2 QUART
796.823	ROSE MALLOW 2 GALLON
796.827	ROYAL FERN 1 GALLON
796.833	RUSSIAN SAGE 1 GALLON
796.837	SEA LAVENDAR 1 GALLON
796.841	SEDUM 'AUTUMN JOY' 2 QUART
796.845	SHASTA DAISY - 'ALASKA' 2 QUART
796.847	SILVER MOUND 1 GALLON
796.853	VERONICA 'SUNNY BORDER BLUE' 2 QUART
796.859	YARROW - 'APPLE BLOSSOM' 2 GALLON
796.863	YARROW - 'MOONSHINE' 2 GALLON
796.867	YARROW - 'PAPRIKA' 2 GALLON
800.1	ELECTRICAL CONDUIT REMOVED AND RESET
800.2	2 INCH ELECTRICAL CONDUIT - BLACK STEEL
800.3	3 INCH ELECTRICAL CONDUIT - BLACK STEEL
800.91	TMEPORARY SUPPORT FOR TELEPHONE CONDUITS
801.22	2 INCH ELECTRICAL CONDUIT - TYPE NM (DOUBLE)
801.23	RESIDENTIAL UTILITY SERVICES
801.24	2 INCH ELECTRICAL CONDUIT - TYPE NM (4 BANK)
801.26	2 INCH ELECTRICAL CONDUIT - TYPE NM (6 BANK)
801.32	3 INCH ELECTRICAL CONDUIT - TYPE NM (DOUBLE)
801.34	3 INCH ELECTRICAL CONDUIT - TYPE NM (4 BANK)
801.36	3 INCH ELECTRICAL CONDUIT - TYPE NM (6 BANK)
801.42	4 INCH ELECTRICAL CONDUIT - TYPE NM (DOUBLE)
801.44	4 INCH ELECTRICAL CONDUIT - TYPE NM (4 BANK)
801.46	4 INCH ELECTRICAL CONDUIT - TYPE NM (6 BANK)
801.62	6 INCH ELECTRICAL CONDUIT - TYPE NM (DOUBLE)
801.64	6 INCH ELECTRICAL CONDUIT - TYPE NM (4 BANK)
801.66	6 INCH ELECTRICAL CONDUIT - TYPE NM (6 BANK)
804	ELECTRICAL DUCTBANK
804.05	1/2 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC -(UL)
804.075	3/4 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC -(UL)
804.1	1 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC -(UL)

Cost Account ID	Cost Account Name
804.15	1-1/2 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC -(UL)
804.2	2 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC (UL)
804.3	3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC -(UL)
804.4	4 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC -(UL)
804.6	6 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC -(UL)
806.05	1/2 INCH ELECTRICAL CONDUIT TYPE RM - GALVANIZED STEEL
806.075	3/4 INCH ELECTRICAL CONDUIT TYPE RM - GALVANIZED STEEL
806.1	1 INCH ELECTRICAL CONDUIT TYPE RM - GALVANIZED STEEL
806.15	1-1/2 INCH ELECTRICAL CONDUIT TYPE RM - GALVANIZED STEEL
806.2	2 INCH ELECTRICAL CONDUIT TYPE RM - GALVANIZED STEEL
806.3	3 INCH ELECTRICAL CONDUIT TYPE RM - GALVANIZED STEEL
806.4	4 INCH ELECTRICAL CONDUIT TYPE RM - GALVANIZED STEEL
806.6	6 INCH ELECTRICAL CONDUIT TYPE RM - GALVANIZED STEEL
808.2	2 INCH ELECTRICAL CONDUIT TY RM - STEEL - (PLASTIC COATED)
808.3	3 INCH ELECTRICAL CONDUIT TY RM - STEEL - (PLASTIC COATED)
808.4	4 INCH ELECTRICAL CONDUIT TY RM - STEEL - (PLASTIC COATED)
808.6	6 INCH ELECTRICAL CONDUIT TY RM - STEEL - (PLASTIC COATED)
809.05	1/2 INCH ELECTRICAL CONDUIT - FLEXIBLE METALLIC
809.075	3/4 INCH ELECTRICAL CONDUIT - FLEXIBLE METALLIC
809.1	1 INCH ELECTRICAL CONDUIT - FLEXIBLE METALLIC
809.15	1-1/2 INCH ELECTRICAL CONDUIT - FLEXIBLE METALLIC
809.2	2 INCH ELECTRICAL CONDUIT - FLEXIBLE METALLIC
809.3	3 INCH ELECTRICAL CONDUIT - FLEXIBLE METALLIC
809.4	4 INCH ELECTRICAL CONDUIT - FLEXIBLE METALLIC
809.905	1/2 INCH ELECTRIC CONDUIT FLEXIBLE METALLIC - LIQUID TIGHT
809.907	3/4 INCH ELECTRIC CONDUIT FLEXIBLE METALLIC - LIQUID TIGHT
809.91	1 INCH ELECTRIC CONDUIT FLEXIBLE METALLIC - LIQUID TIGHT
809.915	1-1/2 INCH ELECTRIC CONDUIT FLEXIBLE METALLIC - LIQUID TIGHT
809.92	2 INCH ELECTRIC CONDUIT FLEXIBLE METALLIC - LIQUID TIGHT
809.93	3 INCH ELECTRIC CONDUIT FLEXIBLE METALLIC - LIQUID TIGHT
809.94	4 INCH ELECTRIC CONDUIT FLEXIBLE METALLIC - LIQUID TIGHT
810	CONDUIT ENCASED IN CONCRETE - SD 4.041
810.91	MAINTENANCE OF TRAFFIC CONTROL SIGNAL SYSTEMS
811.1	ELECTRIC MANHOLE - SD2.010
811.11	ELECTRIC MANHOLE - SD2.011
811.12	ELECTRIC MANHOLE - SD2.012
811.13	ELECTRIC MANHOLE - SD2.013
811.14	ELECTRIC MANHOLE - SD2.014
811.2	ELECTRIC HANDHOLE - SD2.020
811.21	ELECTRIC HANDHOLE - SD2.021
811.22	ELECTRIC HANDHOLE - SD2.022
811.23	ELECTRIC HANDHOLE - SD2.023
811.24	ELECTRIC HANDHOLE - SD2.024
811.25	ELECTRIC HANDHOLE - TYPE A
811.26	ELECTRIC HANDHOLE - TYPE B
811.27	ELECTRIC HANDHOLE - (MUNICIPAL STANDARD)
811.3	PULL BOX 8 X 23 INCHES - SD2.030
811.31	PULL BOX 12 X 12 INCHES - SD2.031
811.35	PULL BOX ADJUSTED
811.36	ELECTRIC MANHOLE ADJUSTED
811.37	ELECTRIC HANDHOLE ADJUSTED
811.38	ELECTRIC HANDHOLE REMOVED AND RESET
811.39	ELECTRIC HANDHOLE REMOVED AND STACKED
811.4	JUNCTION BOX 6 X 6 X 4 INCHES
811.41	JUNCTION BOX 8 X 6 X 4 INCHES
811.42	JUNCTION BOX 8 X 6 X 6 INCHES
811.5	JUNCTION BOX 10 X 6 X 4 INCHES
811.6	JUNCTION BOX 12 X 8 X 6 INCHES
811.61	JUNCTION BOX 12 X 12 X 6 INCHES
811.62	JUNCTION BOX 12 X 12 X 8 INCHES
811.63	JUNCTION BOX 12 X 12 X 10 INCHES
811.71	JUNCTION BOX 18 X 12 X 8 INCHES
811.72	JUNCTION BOX 18 X 12 X 10 INCHES
811.8	JUNCTION BOX 24 X 8 X 8 INCHES
811.81	JUNCTION BOX 24 X 8 X 12 INCHES
811.82	JUNCTION BOX 24 X 8 X 18 INCHES
811.83	JUNCTION BOX 24 X 10 X 16 INCHES
811.84	JUNCTION BOX 24 X 12 X 8 INCHES
811.85	JUNCTION BOX 24 X 12 X 12 INCHES
811.86	JUNCTION BOX 24 X 14 X 10 INCHES
811.87	JUNCTION BOX 24 X 24 X 10 INCHES
811.9	JUNCTION BOX 30 X 24 X 12 INCHES
812.09	LIGHT STANDARD FOUNDATION PRECAST
812.1	LIGHT STANDARD FOUNDATION SD3.010

Cost Account ID	Cost Account Name
812.101	LIGHT STANDARD FOUNDATION
812.11	LIGHT STANDARD FOUNDATION SD3.011
812.12	LIGHT STANDARD FOUNDATION SD3.012
812.13	LIGHT STANDARD FOUNDATION SD3.013
812.14	LIGHT STANDARD FOUNDATION SD3.014
812.15	LIGHT STANDARD FOUNDATION SD3.015
812.16	STREET LIGHT FOUNDATION
812.2	LIGHTING LOAD CENTER FOUNDATION
812.3	STANDARD SIGNAL POST FOUNDATION SD3.030
812.31	PEDESTAL SIGNAL POST FOUNDATION SD3.031
812.4	SIGNAL MAST ARM FOUNDATION
812.41	SIGNAL MAST ARM FOUNDATION - MUNICIPAL STANDARD
812.5	CONTROL CABINET AND FOUNDATION
813.1	TRAFFIC SIGNAL STEEL MESSENGER CABLE - TYPE 0
813.21	TRAFFIC SIGNAL CABLE - TYPE 1
813.22	TRAFFIC SIGNAL CABLE - TYPE 2
813.23	TRAFFIC SIGNAL CABLE - TYPE 3
813.24	TRAFFIC SIGNAL CABLE - TYPE 4
813.25	TRAFFIC SIGNAL CABLE - TYPE 5
813.26	TRAFFIC SIGNAL HEAD WIRE TYPE 6
813.3	WIRE TYPE 7 NO. 10 GENERAL PURPOSE
813.31	WIRE TYPE 7 NO. 8 GENERAL PURPOSE
813.32	WIRE TYPE 7 NO. 6 GENERAL PURPOSE
813.33	WIRE TYPE 7 NO. 4 GENERAL PURPOSE
813.34	WIRE TYPE 7 NO. 2 GENERAL PURPOSE
813.35	WIRE TYPE 7 NO. 1 GENERAL PURPOSE
813.36	WIRE TYPE 7 NO. 1/0 GENERAL PURPOSE
813.37	WIRE TYPE 7 NO. 2/0 GENERAL PURPOSE
813.38	WIRE TYPE 7 NO. 3/0 GENERAL PURPOSE
813.39	WIRE TYPE 7 NO. 4/0 GENERAL PURPOSE
813.4	WIRE TYPE 8 NO. 10 DIRECT BURIAL
813.41	WIRE TYPE 8 NO. 8 DIRECT BURIAL
813.42	WIRE TYPE 8 NO. 6 DIRECT BURIAL
813.43	WIRE TYPE 8 NO. 4 DIRECT BURIAL
813.44	WIRE TYPE 8 NO. 2 DIRECT BURIAL
813.45	WIRE TYPE 8 NO. 1 DIRECT BURIAL
813.46	WIRE TYPE 8 NO. 1/0 DIRECT BURIAL
813.47	WIRE TYPE 8 NO. 2/0 DIRECT BURIAL
813.48	WIRE TYPE 8 NO. 3/0 DIRECT BURIAL
813.49	WIRE TYPE 8 NO. 4/0 DIRECT BURIAL
813.5	WIRE TYPE 9 SPECIAL PURPOSE (TW - THW)
813.51	WIRE TYPE 9 SPECIAL PURPOSE (UF)
813.52	WIRE TYPE 10 - #8 GROUNDING AND BONDING
813.53	WIRE TYPE 11 - LOOP DETECTOR LEAD IN
813.54	WIRE TYPE 12 - HEAVY DUTY PORTABLE CORD
813.55	WIRE TYPE 13 - LOOP DETECTOR WIRE AND TUBE
813.6	EQUIPMENT GROUNDING

Cost Account ID	Cost Account Name
813.7	GROUND ROD
813.71	GROUND ROD 8 FT. LONG
813.72	GROUND ROD 10 FT. LONG
813.79	INTERCONNECT CABLE SYSTEM
813.791	INTERCONNECT CABLE SYSTEM-755
813.8	SERVICE CONNECTION (OVERHEAD)
813.81	SERVICE CONNECTION (UNDERGROUND)
813.811	ELECTRIC SERVICE CONNECTION - LOCATION 1
813.812	ELECTRIC SERVICE CONNECTION - LOCATION 2
813.813	ELECTRIC SERVICE CONNECTION - LOCATION 3
815	TRAFFIC CONTROL SIGNAL
815.1	TRAFFIC CONTROL SIGNAL LOCATION NO. 1
815.2	TRAFFIC CONTROL SIGNAL LOCATION NO. 2
815.3	TRAFFIC CONTROL SIGNAL LOCATION NO. 3
815.4	TRAFFIC CONTROL SIGNAL LOCATION NO. 4
815.5	TRAFFIC CONTROL SIGNAL LOCATION NO. 5
815.98	FOOTING COST ADJUSTMENT
815.99	TRAFFIC SIGNAL MODIFICATIONS
816	TRAFFIC SIGNAL REMOVED AND RESET
816.01	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 1
816.02	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 2
816.03	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 3
816.04	TRAFFIC SIGNAL RECONSTRUCTION LOCATION NO. 4
816.4	TRAFFIC CONTROL SIGNAL REMOVED AND RESET
816.8	TRAFFIC CONTROL SIGNAL REMOVED AND STACKED
816.81	TEMPORARY TRAFFIC CONTROL SIGNAL
816.815	TEMPORARY TRAFFIC CONTROL SIGNAL LOCATION 5
816.816	TEMPORARY TRAFFIC CONTROL SIGNAL LOCATION 6
816.82	TRAFFIC CONTROL SIGNAL REMOVED AND DISCARDED
816.821	TEMP. PORT. SOLAR TRAFF SIGNAL LOC. 1
816.822	TEMP. PORT. SOLAR TRAFF SIGNAL LOC. 2
816.823	TEMP. PORT. SOLAR TRAFF SIGNAL LOC. 3
816.824	TEMP. PORT. SOLAR TRAFF SIGNAL LOC. 4
816.9	TRAFFIC CONTROL SIGNAL REMOVED AND TRANSPORTED
817.1	SIGNAL POST AND BASE STANDARD - 8 FOOT
817.11	SIGNAL POST AND BASE STANDARD - 10 FOOT
817.2	SIGNAL POST AND BASE PEDESTAL - 8 FOOT
817.21	SIGNAL POST AND BASE PEDESTAL - 10 FOOT
817.3	SIGNAL POST STANDARD - 6 FT. - 10 IN.
817.31	SIGNAL POST STANDARD - 8 FT. - 10 IN.
817.32	SIGNAL POST PEDESTAL - 6 FT. - 10 IN.
817.33	SIGNAL POST PEDESTAL - 8 FT. - 10 IN.

Cost Account ID	Cost Account Name
817.4	SIGNAL BASE STANDARD - 14 INCH OCTAGONAL
817.41	SIGNAL BASE PEDESTAL - 15 INCH SQUARE
817.5	SIGNAL MAST ARM 20 FEET - ALUMINUM
817.51	SIGNAL MAST ARM 25 FEET - ALUMINUM
817.52	SIGNAL MAST ARM 30 FEET - ALUMINUM
817.53	SIGNAL MAST ARM 35 FEET - ALUMINUM
817.6	SIGNAL MAST ARM 20 FEET - STEEL
817.61	SIGNAL MAST ARM 25 FEET - STEEL
817.62	SIGNAL MAST ARM 30 FEET - STEEL
817.63	SIGNAL MAST ARM 35 FEET - STEEL
817.7	SIGNAL AND LIGHTING MAST ARM 30 FEET X 6 FEET
817.71	SIGNAL AND LIGHTING MAST ARM 35 FEET X 6 FEET
817.72	SIGNAL AND LIGHTING MAST ARM 40 FEET X 6 FEET
817.73	SIGNAL AND LIGHTING MAST ARM 30 FEET X 8 FEET
817.74	SIGNAL AND LIGHTING MAST ARM 35 FEET X 8 FEET
817.75	SIGNAL AND LIGHTING MAST ARM 40 FEET X 8 FEET
818.01	SIGNAL HEAD 1 WAY, ONE SECTION 8 INCH LENS
818.02	SIGNAL HEAD 1 WAY, TWO SECTION 8 INCH LENS
818.03	SIGNAL HEAD 1 WAY, THREE SECTION 8 INCH LENS
818.04	SIGNAL HEAD 1 WAY, FOUR SECTION 8 INCH LENS
818.05	SIGNAL HEAD 1 WAY, FIVE SECTION 8 INCH LENS
818.11	SIGNAL HEAD 1 WAY, ONE SECTION 12 INCH LENS
818.12	SIGNAL HEAD 1 WAY, TWO SECTION 12 INCH LENS
818.13	SIGNAL HEAD 1 WAY, THREE SECTION 12 INCH LENS
818.14	SIGNAL HEAD 1 WAY, FOUR SECTION 12 INCH LENS
818.15	SIGNAL HEAD 1 WAY, FIVE SECTION 12 INCH LENS
818.23	SIGNAL HEAD 1 WAY, THREE SECTION TWO - 12 INCH LENS
818.24	SIGNAL HEAD 1 WAY, FOUR SECTION TWO - 12 INCH LENS
818.25	SIGNAL HEAD 1 WAY, FIVE SECTION TWO - 12 INCH LENS
818.33	SIGNAL HEAD 1 WAY, THREE SECTION 12 INCH RED LENS
818.34	SIGNAL HEAD 1 WAY, FOUR SECTION 12 INCH RED LENS
818.35	SIGNAL HEAD 1 WAY, FIVE SECTION 12 INCH RED LENS
818.4	SIGNAL HEAD 1 WAY, 1 SECTION 9 INCH SQUARE LENS
818.41	9 IN. INCANDESCENT PEDESTRIAN SIGNAL HEAD-INTRN.SYMBOLS
818.42	12 IN.INCANDESCENT PEDESTRIAN SIGNAL HEAD-INTRN.SYMBOLS
818.43	12 IN.FIBEROPTIC PEDESTRIAN SIGNAL HEAD-INTERNAT.SYMBOLS
818.51	1 WAY POST TOP MOUNTING ASSEMBLY
818.52	2 WAY POST TOP MOUNTING ASSEMBLY
818.53	3 WAY POST TOP MOUNTING ASSEMBLY
818.54	4 WAY POST TOP MOUNTING ASSEMBLY
818.55	MAST ARM MOUNTING ASSEMBLY 1 WAY
818.56	MAST ARM MOUNTING ASSEMBLY 2 WAY
818.57	MAST ARM MOUNTING ASSEMBLY 3 WAY
818.58	MAST ARM MOUNTING ASSEMBLY 4 WAY
818.59	POST SIDE MOUNTING ASSEMBLY 1 WAY
818.6	POST SIDE MOUNTING ASSEMBLY 2 WAY
818.61	POST SIDE MOUNTING ASSEMBLY 3 WAY
818.62	POST SIDE MOUNTING ASSEMBLY 4 WAY
818.63	SPAN WIRE MOUNTING ASSEMBLY 1 WAY
818.64	SPAN WIRE MOUNTING ASSEMBLY 2 WAY
818.65	SPAN WIRE MOUNTING ASSEMBLY 3 WAY
818.66	SPAN WIRE MOUNTING ASSEMBLY 4 WAY
818.7	LOUVERED HOOD FOR 8 INCH SIGNAL SECTION
818.71	LOUVERED HOOD FOR 12 INCH SIGNAL SECTION
818.8	BACK-PLATES FOR 8 INCH SIGNAL HEAD
818.81	BACK-PLATES FOR 12 INCH SIGNAL HEAD
818.82	BACK-PLATES FOR COMBINED 8 INCH + 12 INCH SIGNAL HEAD
818.95	POLE CLAMP WITH WIRE ENTRANCE
819	TRAFFIC SIGNAL CONTROLLER
819.1	TRAFFIC SIGNAL CONTROLLER LOCATION NO. 1
819.2	TRAFFIC SIGNAL CONTROLLER LOCATION NO. 2
819.3	TRAFFIC SIGNAL CONTROLLER LOCATION NO. 3
819.39	8 PHASE, MENU-DRIVEN TRAFFIC CONTROL UNIT
819.4	TRAFFIC SIGNAL CONTROLLER LOCATION NO. 4
819.5	TRAFFIC SIGNAL CONTROLLER LOCATION NO. 5
819.5	RAILROAD PRE-EMPTOR
819.51	FIRE STATION PRE-EMPTOR
819.72	DETECTOR UNIT CONFLICTING GREEN
819.8	MAGNETIC DETECTOR AMPLIFIER
819.801	VEHICLE DETECTOR (DIRECTIONAL) COMPENSATED MAGNETIC
819.802	VEHICLE DETECTOR (MULTI-LANE) NON-COMPENSATED MAGNETIC
819.803	VEHICLE DETECTOR (SINGLE-LANE) NON-COMPENSATED MAGNETIC
819.81	DETECTOR AMPLIFIER - MAGNETIC (SPECIAL)
819.811	DETECTOR SENSING HEAD - MAGNETIC (SPECIAL)
819.82	VEHICLE PRESENCE DETECTOR - ULTRASONIC
819.821	VEHICLE MOTION DETECTOR - ULTRASONIC
819.83	INDUCTIVE LOOP DETECTOR AMPLIFIER
819.831	WIRE LOOP INSTALLED IN ROADWAY
819.832	MICROLOOP INSTALLED IN ROADWAY

Cost Account ID	Cost Account Name
819.841	VEHICLE DETECTION -VIDEO
819.85	PEDESTRIAN PUSH BUTTON
819.851	PUSH BUTTON FOR GREEN LIGHT (SIGN)
819.852	PUSH BUTTON FOR WALK SIGNAL (SIGN)
820.1	HIGHWAY LIGHTING - ROADWAY
820.11	HIGHWAY LIGHTING - UNDERPASS
820.12	HIGHWAY LIGHTING - AREA
820.13	HIGHWAY LIGHTING - SIGN
821.1	HIGHWAY LIGHTING POLE (ANCHOR BASE) 4 FOOT BRACKET
821.11	HIGHWAY LIGHTING POLE (ANCHOR BASE) 6 FOOT BRACKET
821.12	HIGHWAY LIGHTING POLE (ANCHOR BASE) 8 FOOT BRACKET
821.13	HIGHWAY LIGHTING POLE (ANCHOR BASE) 10 FOOT BRACKET
821.14	HIGHWAY LIGHTING POLE (ANCHOR BASE) 12 FOOT BRACKET
821.15	HIGHWAY LIGHTING POLE (ANCHOR BASE) 15 FOOT BRACKET
821.2	HIGHWAY LIGHTING POLE (ANCHOR BASE) TWIN 4 FOOT BRACKET
821.21	HIGHWAY LIGHTING POLE (ANCHOR BASE) TWIN 6 FOOT BRACKET
821.22	HIGHWAY LIGHTING POLE (ANCHOR BASE) TWIN 8 FOOT BRACKET
821.23	HIGHWAY LIGHTING POLE (ANCHOR BASE) TWIN 10 FOOT BRACKET
821.24	HIGHWAY LIGHTING POLE (ANCHOR BASE) TWIN 12 FOOT BRACKET
821.25	HIGHWAY LIGHTING POLE (ANCHOR BASE) TWIN 15 FOOT BRACKET
822.1	HIGHWAY LIGHTING POLE (TRANSFORMER BASE) 4 FOOT BRACKET
822.11	HIGHWAY LIGHTING POLE (TRANSFORMER BASE) 6 FOOT BRACKET
822.12	HIGHWAY LIGHTING POLE (TRANSFORMER BASE) 8 FOOT BRACKET
822.13	HIGHWAY LIGHTING POLE (TRANSFORMER BASE) 10 FOOT BRACKET
822.14	HIGHWAY LIGHTING POLE (TRANSFORMER BASE) 12 FOOT BRACKET
822.15	HIGHWAY LIGHTING POLE (TRANSFORMER BASE) 15 FOOT BRACKET
822.2	HIGHWAY LIGHTING POLE (TRANSFORMER BASE) TWIN 4 FOOT BRACKET
822.21	HIGHWAY LIGHTING POLE (TRANSFORMER BASE) TWIN 6 FOOT BRACKET
822.22	HIGHWAY LIGHTING POLE (TRANSFORMER BASE) TWIN 8 FOOT BRACKET
822.23	HIGHWAY LIGHTING POLE (TRANSFORMER BASE) TWIN 10 FT BRACKET
822.24	HIGHWAY LIGHTING POLE (TRANSFORMER BASE) TWIN 12 F BRACKET
822.25	HIGHWAY LIGHTING POLE (TRANSFORMER BASE) TWIN 15 F BRACKET

Cost Account ID	Cost Account Name
822.8	AREA LIGHTING HINGED POLE (40 FOOT MOUNTING HEIGHT)
822.81	AREA LIGHTING HINGED POLE (45 FOOT MOUNTING HEIGHT)
822.82	AREA LIGHTING HINGED POLE (50 FOOT MOUNTING HEIGHT)
822.83	AREA LIGHTING MAST POLE OR TOWER (40 FOOT MOUNTING HEIGHT)
822.84	AREA LIGHTING MAST POLE OR TOWER (45 FOOT MOUNTING HEIGHT)
822.85	AREA LIGHTING MAST POLE OR TOWER (50 FOOT MOUNTING HEIGHT)
822.86	AREA LIGHTING MAST POLE OR TOWER (60 FOOT MOUNTING HEIGHT)
822.87	AREA LIGHTING MAST POLE OR TOWER (80 FOOT MOUNTING HEIGHT)
822.88	AREA LIGHTING MAST POLE OR TOWER (100 FOOT MOUNTING HEIGHT)
822.89	AREA LIGHTING MAST POLE OR TOWER (110 FOOT MOUNTING HEIGHT)
822.9	AREA LIGHTING MAST POLE OR TOWER (120 FOOT MOUNTING HEIGHT)
822.91	AREA LIGHTING MAST POLE OR TOWER (130 FOOT MOUNTING HEIGHT)
822.92	AREA LIGHTING MAST POLE OR TOWER (140 FOOT MOUNTING HEIGHT)
822.93	AREA LIGHTING MAST POLE OR TOWER (150 F MOUNTING HEIGHT)
822.94	AREA LIGHTING MAST POLE OR TOWER (160 F MOUNTING HEIGHT)
822.95	AREA LIGHTING MAST POLE OR TOWER (170 F MOUNTING HEIGHT)
822.96	AREA LIGHTING MAST POLE OR TOWER (180 F MOUNTING HEIGHT)
822.97	AREA LIGHTING MAST POLE OR TOWER (190 F MOUNTING HEIGHT)
822.98	AREA LIGHTING MAST POLE OR TOWER (200 F MOUNTING HEIGHT)
823.01	ORNAMENTAL STREET LIGHTING SYSTEM
823.1	HIGHWAY LIGHTING LUMINAIRE 175 WATT
823.11	HIGHWAY LIGHTING LUMINAIRE 250 WATT
823.12	HIGHWAY LIGHTING LUMINAIRE 400 WATT
823.13	HIGHWAY LIGHTING LUMINAIRE 750 WATT
823.14	HIGHWAY LIGHTING LUMINAIRE 1000 WATT
823.15	AREA LIGHTING LUMINAIRE 175 WATT
823.16	AREA LIGHTING LUMINAIRE 250 WATT
823.17	AREA LIGHTING LUMINAIRE 400 WATT
823.18	AREA LIGHTING LUMINAIRE 750 WATT
823.19	AREA LIGHTING LUMINAIRE 1000 WATT
823.2	AREA LIGHTING LUMINAIRE 1600 WATT
823.21	AREA LIGHTING LUMINAIRE 4000 WATT
823.22	FLOOD LIGHTING LUMINAIRE LESS THAN 500 WATT
823.23	FLOOD LIGHTING LUMINAIRE 500 WATT AND OVER

Cost Account ID	Cost Account Name
823.3	UNDERPASS LIGHTING LUMINAIRE 4 FOOT FLUORESCENT
823.31	UNDERPASS LIGHTING LUMINAIRE 6 FOOT FLUORESCENT
823.32	UNDERPASS LIGHTING LUMINAIRE 8 FOOT FLUORESCENT
823.33	SIGN LIGHTING LUMINAIRE 4 FOOT FLUORESCENT
823.34	SIGN LIGHTING LUMINAIRE 6 FOOT FLUORESCENT
823.35	SIGN LIGHTING LUMINAIRE 8 FOOT FLUORESCENT
823.4	SIGN LIGHTING LUMINAIRE 175 WATT
823.41	SIGN LIGHTING LUMINAIRE 250 WATT
823.5	PHOTO ELECTRIC CONTROL
823.51	MULTIPLE CONTROL SWITCH
823.52	MULTIPLE CIRCUIT CONTACTOR
823.53	TIME CLOCK
823.54	HYDRAULIC POWER UNIT
823.6	HIGHWAY LIGHTING LOAD CENTER
823.61	HIGHWAY LIGHTING LOAD CENTER NO.1
823.62	HIGHWAY LIGHTING LOAD CENTER NO.2
823.7	HIGHWAY LIGHTING POLE AND LUMINAIRE REMOVED AND RESET
823.71	HIGHWAY LIGHTING POLE AND LUMINAIRE REMOVED & STACKED
823.72	LIGHTING REMOVED AND RESET
823.8	LIGHTING AND TRAFFIC SIGNAL POLE
823.81	STEEL STRAIN POLE
823.83	STRAIN POLE ASSEMBLY
824.1	FLASHING WARNING BEACON TYPE D
824.2	FLASHING WARNING BEACON TYPE A
824.3	FLASHING WARNING BEACON TYPE B
824.4	FLASHING WARNING BEACON TYPE C
824.5	FLASHING WARNING BEACON REMOVED AND RESET
824.51	FLASHING WARNING BEACON REMOVED AND STACKED
824.52	FLASHING WARNING BEACON REMOVED AND TRANSPORTED
824.6	HIGHWAY WARNING SIGN - ILLUMINATED
824.61	HIGHWAY WARNING SIGN - ILLUMINATED-4
824.7	HIGHWAY WARNING SIGN - ILLUM. REMOVED AND RESET
824.71	HIGHWAY WARNING SIGN - ILLUM. REMOVED AND STACKED
824.72	HIGHWAY WARNING SIGN - ILLUM. REMOVED & TRANSPORTED
824.8	LIGHTED BARRIER ARROWS
824.81	LIGHTED BARRIER ARROWS-2880
824.9	LIGHTED BARRIER ARROWS REMOVED AND RESET

Cost Account ID	Cost Account Name
824.91	LIGHTED BARRIER ARROWS REMOVED AND STACKED
824.92	LIGHTED BARRIER ARROWS REMOVED AND TRANSPORTED
824.93	LIGHTED BARRIER ARROWS REMOVED TRANSPORTED AND RESET
826.51	FIRE ALARM BOX REMOVED AND RESET
826.52	FIRE ALARM BOX REMOVED AND STACKED
826.53	FIRE ALARM BOX AND POST R&R (ECP AND BASE)
826.6	POLICE SIGNAL CALL BOX
826.61	POLICE SIGNAL CALL BOX REMOVED AND RESET
826.62	POLICE SIGNAL CALL BOX REMOVED AND RESET-7975
826.63	POLICE SIGNAL BOX AND POST R&R (ECP AND BASE)
826.7	ELECTRIC SERV RISER
827.21	24 INCH WARNING CLUSTER (H1-2) - ALUMINUM PANEL (TYPE A)
827.22	36 INCH WARNING CLUSTER (H1-2) - ALUMINUM PANEL (TYPE A)
827.33	ABUTMENT WARNING SIGN (H1-3) - ALUMINUM PANEL (TYPE A)
828.01	OVERHEAD GUIDE SIGN REMOVED AND RESET
828.02	OVERHEAD GUIDE SIGN REMOVED AND STACKED
828.03	OVERHEAD GUIDE SIGN REMOVED
828.04	GROUND MOUNTED SIGN SUPPORT- CLEANED AND PAINTED
828.05	GROUND MOUNTED SIGN PANEL- CLEANED AND PAINTED
828.1	OVERHEAD GUIDE SIGN - ALUMINUM PANEL (TYPE B)
829.1	ROADSIDE GUIDE SIGN (MR) - ALUMINUM PANEL (TYPE B)
830.1	ROADSIDE GUIDE SIGN (FR) OVER 25 SF - ALUM. PANEL (TYPE B)
830.211	PROJECT FUNDING SOURCE SIGN
830.212	PROJECT FUNDING SOURCE SIGN - EXCLUDING FABRICATION
831	ROADSIDE GUIDE SIGN (D6/D8) - ALUM PANEL TYPE A
831.1	ROADSIDE GUIDE SIGN (FR) 25 SF & UNDER-ALUM.PANEL(TYPE A)
832	WARNING - REGULATORY AND ROUTE MARKER - ALUM PANEL
832.1	WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL (TYPE A)
833.1	1-WH DEMOUNTABLE REFLECTORIZED DELINEATOR (H1-4)
833.11	1-AM DEMOUNTABLE REFLECTORIZED DELINEATOR (H1-8)
833.2	2-WH DEMOUNTABLE REFLECTORIZED DELINEATOR (H1-7)
833.3	2-AM DEMOUNTABLE REFLECTORIZED DELINEATOR (H1-5)
833.4	3-AM DEMOUNTABLE REFLECTORIZED DELINEATOR (H1-6)

Cost Account ID	Cost Account Name
833.5	DEMOUNTABLE REFLECTORIZED DELINEATOR - GUARD RAIL
833.7	DELINEATION FOR GUARD RAIL TERMINI
834	DEMOUNTABLE REFLECTORIZED REFERENCE LOCATION SIGN
834.17	REFLECTORIZED FLEXIBLE DELINEATOR POST (AMBER)
834.18	REFLECTORIZED FLEXIBLE DELINEATOR POST (WHITE)
835	DEMOUNTABLE REFLECTORIZED HAZARD MARKER (H1-1)
836	DEMOUNTABLE REFLECTORIZED PROJECT MARKER
836.5	DEMOUNTABLE REFLECTORIZED STATION MARKER
840.101	SUPPORTS FOR OVERHEAD GUIDE SIGN (OD-1) STEEL
840.102	SUPPORTS FOR OVERHEAD GUIDE SIGN (OD-2) STEEL
840.103	SUPPORTS FOR OVERHEAD GUIDE SIGN (OD-3) STEEL
840.104	SUPPORTS FOR OVERHEAD GUIDE SIGN (OD-4) STEEL
840.105	SUPPORTS FOR OVERHEAD GUIDE SIGN (OD-5) STEEL
840.106	SUPPORTS FOR OVERHEAD GUIDE SIGN (OD-6) STEEL
840.107	SUPPORTS FOR OVERHEAD GUIDE SIGN (OD-7) STEEL
840.108	SUPPORTS FOR OVERHEAD GUIDE SIGN (OD-8) STEEL
840.109	SUPPORTS FOR OVERHEAD GUIDE SIGN (OD-9) STEEL
840.11	SUPPORTS FOR OVERHEAD GUIDE SIGN (OD-10) STEEL
841.1	SUPPORTS FOR GUIDE SIGN (D6 W/ D8-5 INCH TUBULAR POST) STEEL
841.2	SUPPORTS FOR GUIDE SIGN (D6-5 INCH TUBULAR POST) STEEL
841.3	SUPPORTS FOR GUIDE SIGN (D6-P5 POSTS) STEEL
841.4	SUPPORTS FOR GUIDE SIGN (D8-4 INCH TUBULAR POST) STEEL
841.5	SUPPORTS FOR GUIDE SIGN (D8-P5 POSTS) STEEL
841.6	SUPPORTS FOR GUIDE SIGN (I-2A-5 INCH TUBULAR POST) STEEL
841.7	SUPPORTS FOR GUIDE SIGN (D6 WITH D8 - SPECIAL DESIGN) STEEL
841.8	SUPPORTS FOR GUIDE SIGN (D6 - SPECIAL DESIGN) STEEL
842.101	SUPPORTS FOR GUIDE SIGN (GF-1) STEEL
842.102	SUPPORTS FOR GUIDE SIGN (GF-2) STEEL
842.103	SUPPORTS FOR GUIDE SIGN (GF-3) STEEL
842.104	SUPPORTS FOR GUIDE SIGN (GF-4) STEEL
842.105	SUPPORTS FOR GUIDE SIGN (GF-5) STEEL
844.101	SUPPORTS FOR GUIDE SIGN (G1) STEEL
844.102	SUPPORTS FOR GUIDE SIGN (G2) STEEL
844.103	SUPPORTS FOR GUIDE SIGN (G3) STEEL
844.104	SUPPORTS FOR GUIDE SIGN (G4) STEEL
844.105	SUPPORTS FOR GUIDE SIGN (G5) STEEL
845.1	SUPPORT FOR GUIDE SIGN (E5-1) STEEL
846.1	SUPPORT FOR GUIDE SIGN (E5-1A) STEEL
847.1	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL
848.1	SIGN SUP (N/GUIDE)+RTE MKR W/2 BRKWAY POST ASSEMBLIES-STEEL
850.41	ROADWAY FLAGGER
851	SAFETY CONTROLS FOR CONSTRUCTION OPERATIONS
851.1	TRAFFIC CONES FOR TRAFFIC MANAGEMENT
852	SAFETY SIGNING FOR CONSTRUCTION OPERATIONS
853	PORTABLE BARRICADE TYPE III
853.1	PORTABLE BREAKAWAY BARRICADE TYPE III
853.2	TEMPORARY CONCRETE BARRIER
853.21	TEMPORARY CONCRETE BARRIER REMOVED & RESET
853.22	TEMPORARY CONCRETE BARRIER REMOVED AND STACKED
853.3	TEMPORARY RESTRAINED BARRIER
853.31	TEMPORARY RESTRAINED BARRIER REMOVED AND RESET
853.36	TEMPORARY CONCRETE BARRIER ON BRIDGE (SINGLE FACED)
853.37	TEMPORARY CONCRETE BARRIER ON BRIDGE REMOVED & RESET
853.38	TEMPORARY CONCRETE BARRIER ON BRIDGE (SINGLE FACED)-SOUTHWICK
853.4	IMPACT ATTENUATOR
853.403	MOVABLE IMPACT ATTENUATOR
853.41	TEMP.IMP.ATTENUATOR FOR SHLDR, INCAPABLE OF REDIRECTION
853.411	TEMP.IMP.ATTENUATOR FOR SHLDR, INCAPABLE OF REDIRECTION R&R
853.412	TEMP. INP. ATTENUATOR FOR SHLD-INCAPABLE OF REDIRECTION R&S
853.42	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION
853.421	TEMP.IMP.ATTENUATOR FOR SHLDR, CAPABLE OF REDIRECTION R&R
853.43	TEMP.IMP.ATTENUATOR FOR MEDIAN, INCAPABLE OF REDIRECTION
853.431	TEMP.IMP.ATTENUATOR FOR MEDIAN,INCAPABLE OF REDIRECTION, R&R
853.44	TEMP.IMP.ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION
853.441	TEMP.IMP.ATTENUATOR FOR MEDIAN, CAPABLE OF REDIRECTION, R&R
853.5	TEMPORARY ANTI-GLARE SCREEN (PADDLE TYPE)
853.6	TEMPORARY ANTI-GLARE SCREEN REMOVED AND RESET

Cost Account ID	Cost Account Name
853.7	TEMPORARY ANTI-GLARE SCREEN REMOVED AND STACKED
853.8	TEMPORARY ILLUMINATION FOR NIGHT WORK
853.9	TEMP. ILLUMINATION FOR NIGHT PAVING & PLANING OPERATIONS
854	TEMPORARY RAISED PAVEMENT MARKERS
854.011	TEMPORARY PAVING MARKINGS - 12 IN
854.014	TEMPORARY PAVING MARKINGS - 4 IN. (PAINTED)
854.016	TEMPORARY PAVING MARKINGS - 6 IN. (PAINTED)
854.024	TEMPORARY PAVEMENT MARKINGS - 4 IN. (NON-REMOVABLE TAPE)
854.026	TEMPORARY PAVEMENT MARKINGS - 6 IN. (NON-REMOVABLE TAPE)
854.034	TEMPORARY PAVEMENT MARKINGS - 4 IN. (REMOVABLE TAPE)
854.036	TEMPORARY PAVEMENT MARKINGS - 6 IN. (REMOVABLE TAPE)
854.1	PAVEMENT MARKING REMOVAL - PAINT
854.112	TEMPORARY PAVEMENT MARKINGS - 12 INCH (PAINTED)
854.2	PAVEMENT MARKING REMOVAL - THERMOPLASTIC
854.3	PAVEMENT MARKING REMOVAL - TAPE
854.4	PAVEMENT MARKING MASKING (REMOVABLE TAPE)
855.1	HAZARD IDENTIFICATION BEACON TYPE B
855.2	HAZARD IDENTIFICATION BEACON TYPE D
856	SPECIAL LIGHTING UNIT (FLASHING ARROW)
856.12	PORTABLE CHANGEABLE MESSAGE SIGN
856.2	RADAR DETECTOR ACTIVATOR
859	REFLECTORIZED DRUM
860.04	4 INCH REFLECTORIZED WHITE LINE (PAINTED)
860.06	6 INCH REFLECTORIZED WHITE LINE (PAINTED)
860.08	8 INCH REFLECTORIZED WHITE LINE (PAINTED)
860.12	12 INCH REFLECTORIZED WHITE LINE (PAINTED)
861.04	4 INCH REFLECTORIZED YELLOW LINE (PAINTED)
861.06	6 INCH REFLECTORIZED YELLOW LINE (PAINTED)
861.08	8 INCH REFLECTORIZED YELLOW LINE (PAINTED)
861.12	12 INCH REFLECTORIZED YELLOW LINE (PAINTED)
862	GORE LINES - REFLECTORIZED WHITE (PAINTED)
863	GORE LINES - REFLECTORIZED YELLOW (PAINTED)
864	PAVEMENT ARROW REFLECTORIZED WHITE (PAINTED)
864.01	PAVEMENT ARROW AND LEGENDS REFLECTORIZED WHITE TAPE (INLAY)
864.02	PAVEMENT ARROW AND LEGENDS (SURFACE APPLIED TAPE)
864.04	PAVEMENT ARROWS AND LEGENDS REFL. WHITE (THERMOPLASTIC)
864.21	RAISED PAVEMENT MARKER ONE-WAY WHITE
864.22	RAISED PAVEMENT MARKER ONE-WAY YELLOW
864.23	RAISED PAVEMENT MARKER TWO-WAY WHITE/RED
864.24	RAISED PAVEMENT MARKER TWO-WAY YELLOW/RED
864.25	RAISED PAVEMENT MARKER TWO-WAY YELLOW/YELLOW
864.251	RAISED PAVEMENT MARKER REMOVAL
864.31	SLOTTED PAVEMENT MARKER ONE-WAY WHITE
864.32	SLOTTED PAVEMENT MARKER ONE-WAY YELLOW
864.33	SLOTTED PAVEMENT MARKER TWO-WAY WHITE/RED
864.34	SLOTTED PAVEMENT MARKER TWO-WAY YELLOW/RED
864.35	SLOTTED PAVEMENT MARKER TWO-WAY YELLOW/YELLOW
865	CROSS WALKS AND STOP LINES REFLECTORIZED WHITE (PAINTED)
865.1	CROSS WALKS AND STOP LINES REFL. WHITE (THERMOPLASTIC)
866	STRIPPING - REFLECTORIZED WHITE LINE (THERMOPLASTIC)
866.04	4 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)
866.06	6 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)
866.08	8 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)
866.1	100 MM REFLECTORIZED WHITE LINE (THERMOPLASTIC)
866.12	12 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)
866.15	150MM REFLECTORIZED WHITE LINE (THERMOPLASTIC)
867	STRIPPING - REFLECTORIZED YELLOW LINE (THERMOPLASTIC)
867.04	4 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)
867.06	6 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)
867.08	8 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)
867.1	100MM REFLECTORIZED YELLOW LINE (THERMOPLASTIC)
867.12	12 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)
867.15	150 MM REFLECTORIZED YELLOW LINE (THERMOPLASTIC)
868	GORE LINES - REFLECTORIZED WHITE (THERMOPLASTIC)
869	GORE LINES - REFLECTORIZED YELLOW (THERMOPLASTIC)
870.04	4 INCH WHITE REFLECTIVE TAPE (INLAY)
871.04	4 INCH YELLOW REFLECTIVE TAPE (INLAY)
872.04	4 INCH WHITE REFLECTIVE TAPE (SURFACE APPLIED)

Cost Account ID	Cost Account Name
873.04	4 INCH YELLOW REFLECTIVE TAPE (SURFACE APPLIED)
874	STREET NAME SIGN
874.018	STREET NAME SIGN MOUNTED ON MAST ARM
874.1	STREET SIGN REMOVED AND RESET
874.11	STREET SIGN WITHOUT POST
874.12	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL-1226
874.2	TRAFFIC SIGN REMOVED AND RESET
874.21	SIGN R+R - LOC #1
874.22	SIGN R+R - LOC #2
874.23	SIGN R+R - LOC #3
874.3	TRAFFIC SIGNS REMOVED AND STACKED
874.4	TRAFFIC SIGN REMOVED AND STACKED
874.41	TRAFFIC SIGN REMOVED AND DISCARDED
874.45	MISCELLANEOUS SINGS REMOVED AND RESET
874.5	MISCELLANEOUS SIGNS REMOVED AND STACKED
874.51	TRAFFIC SIGNS REMOVED AND DISCARDED
874.6	TEMPORARY MASKING OF SIGNS
874.7	MISCELLANEOUS SIGNS REMOVED AND STACKED-1
874.8	MISCELLANEOUS SIGN REMOVED AND RESET
875.1	PARKING METER REMOVED AND RESET
875.2	PARKING METER REMOVED AND STACKED
875.21	PARKING METER REMOVED AND DISCARDED
876	ELECTRIC POLE REMOVED AND STACKED
877	SIGN POST REMOVED AND RESET
877.1	SIGN POST REMOVED AND DISCARDED
877.2	SIGN POST REMOVED AND STACKED-2869
877.3	SIGN POST 2 INCH STEEL
877.4	SIGN POST 2-1/2 INCH STEEL
901	4000 PSI, 1.5 IN., 565 CEMENT CONCRETE
901.3	4000 PSI, 1.5 IN., 565 CEMENT CONCRETE FOR POST FOUNDATION
901.7	CONTRACTOR QUALITY CONTROL - CEMENT CONCRETE
902	3500 PSI, 1.5 IN., 520 CEMENT CONCRETE
903	3000 PSI, 1.5 IN., 470 CEMENT CONCRETE
903.1	2500 PSI 1.5IN 425 CEMENT CONCRETE
904	4000 PSI, 3/4 IN., 610 CEMENT CONCRETE
904.1	5000 PSI, 3/4 IN., 705 CEMENT CONCRETE
904.12	RAPID PATCHING CEMENT MORTAR
904.15	HI-EARLY CEMENT CONCRETE
904.2	5000 PSI, 3/4 IN., 685 SILICA FUME MODIFIED CEMENT CONCRETE
904.3	5000 PSI, 3/4 IN., 685 HP CEMENT CONCRETE
904.33	PRECAST CONCRETE PANELS
904.4	4000 PSI, 3/4 IN., 585 HP CEMENT CONCRETE
905	4000 PSI, 3/8 IN., 660 CEMENT CONCRETE
905.1	5000 PSI, 3/8 IN., 710 SILICA FUME MODIFIED CEMENT CONCRETE
905.2	5000 PSI, 3/8 IN., 710 HP CEMENT CONCRETE
906	5000 PSI, 1.5 IN., 660 CEMENT CONCRETE
907	SAWCUT GROOVES IN CONCRETE BRIDGE DECK
908	CEMENT FOR POINTING
908.1	CONCRETE PENETRANT
908.2	CEMENT CONCRETE FORM LINER - FRACTURED FIN
908.21	JOINT PROTECTION
908.22	JOINT PROTECTION REMOVED & RESET
908.3	CEMENT CONC. ARCH. TREATMENT - EXPOSED AGGREGATE FINISH
908.99	CEMENT FOR POINTING AND SETTING STONE
909	LIGHTWEIGHT CEMENT CONCRETE
909.12	POLYMER LATEX CONCRETE PATCH
909.2	CEMENTITIOUS MORTAR FOR PATCHING
909.31	SUPERSTRUCTURE CONCRETE PATCHING - SURFACE PATCH
909.32	SUPERSTRUCTURE CONCRETE PATCHING - DEEP PATCH
909.4	CEMENTITIOUS WALL COATING
909.9	UNDERWATER FOUNDATION INSPECTION
909.99	RAPID SET CEMENT
910	STEEL REINFORCEMENT FOR STRUCTURES
910.1	STEEL REINFORCEMENT FOR STRUCTURES - EPOXY COATED
910.2	STEEL REINFORCEMENT FOR STRUCTURES - COATED
910.3	STEEL REINFORCEMENT FOR STRUCTURES - GALVANIZED
910.4	MECHANICAL REINFORCING BAR SPLICER
911	SHEAR CONNECTORS
911.1	SHEAR CONNECTORS-4316
911.504	1/2 INCH DIAMETER HIGH STRENGTH BOLTS
911.507	7/8 INCH DIAMETER HIGH STRENGTH BOLTS
911.604	1/2 INCH DIAMETER HIGH STRENGTH BOLT
911.607	7/8 INCH DIAMETER HIGH STRENGTH BOLT
911.907	7/8 INCH DIAMETER COUNTERSUNK BOLT
911.91	EXPANSION BOLTS
912	DRILLING AND GROUTING DOWELS
912.1	DRILLING AND GROUTING DOWELS-6409
912.2	DRILLING AND GROUTING DOWELS-M
912.4	DRILLED AND GROUTED #4 DOWELS
912.5	DRILLED AND GROUTED #5 DOWELS
912.6	DRILLED AND GROUTED #6 DOWELS
912.7	DRILLED AND GROUTED #7 DOWELS
912.8	DRILLED AND GROUTED #8 DOWELS
912.9	DRILLED AND GROUTED #9 DOWELS
913.2	CORING AND GROUTING ANCHOR BOLTS
913.3	CORING AND GROUTING DOWELS
913.31	CORING AND GROUTING DOWELS-9035
913.4	CORING AND GROUTING SWEDGE BOLTS

Cost Account ID	Cost Account Name
915.13	ARCH FRAME UNIT (4 FT. OR LESS WIDE - 20 TO 24.99 FT SPAN)
915.14	ARCH FRAME UNIT (4.01 TO 5 FT. WIDE - 20 TO 24.99 FT. SPAN)
915.15	ARCH FRAME UNIT (5.01 TO 6 FT. WIDE - TO 24.99 FT. SPAN)
915.16	ARCH FRAME UNIT (OVER 6 FT. WIDE - 20 TO 24.99 FT. SPAN)
915.23	ARCH FRAME UNIT (4 FT. OR LESS WIDE - 25 TO 29.99 FT. SPAN)
915.24	ARCH FRAME UNIT (4.01 TO 5 FT. WIDE - 25 TO 29.99 FT. SPAN)
915.25	ARCH FRAME UNIT (5.01 TO 6 FT. WIDE - TO 29.99 FT. SPAN)
915.26	ARCH FRAME UNIT (OVER 6 FT. WIDE - 25 TO 29.99 FT. SPAN)
915.33	ARCH FRAME UNIT (4 FT. OR LESS WIDE - 30 TO 34.99 FT. SPAN)
915.34	ARCH FRAME UNIT (4.01 TO 5 FT. WIDE - 30 TO 34.99 FT. SPAN)
915.35	ARCH FRAME UNIT (5.01 TO 6 FT. WIDE - TO 34.99 FT. SPAN)
915.36	ARCH FRAME UNIT (OVER 6 FT. WIDE - 30 TO 34.99 FT. SPAN)
915.4	BRICK MASONRY
915.43	ARCH FRAME UNIT (4 FT. OR LESS WIDE - 35 TO 39.99 FT. SPAN)
915.44	ARCH FRAME UNIT (4.01 TO 5 FT. WIDE - 35 TO 39.99 FT. SPAN)
915.45	ARCH FRAME UNIT (5.01 TO 6 FT. WIDE - 35 TO 39.99 FT. SPAN)
915.46	ARCH FRAME UNIT (OVER 6 FT. WIDE - TO 39.99 FT. SPAN)
915.53	ARCH FRAME UNIT (4 FT. OR LESS WIDE - 40 TO 44.99 FT. SPAN)
915.54	ARCH FRAME UNIT (4.01 TO 5 FT. WIDE - 40 TO 44.99 FT. SPAN)
915.55	ARCH FRAME UNIT (5.01 TO 6 FT. WIDE - 40 TO 44.99 FT. SPAN)
915.56	ARCH FRAME UNIT (OVER 6 FT. WIDE - TO 44.99 FT. SPAN)
915.63	ARCH FRAME UNIT (4 FT. OR LESS WIDE - 45 TO 49.99 FT. SPAN)
915.64	ARCH FRAME UNIT (4.01 TO 5 FT. WIDE - 45 TO 49.99 FT. SPAN)
915.65	ARCH FRAME UNIT (5.01 TO 6 FT. WIDE - 45 TO 49.99 FT. SPAN)
915.66	ARCH FRAME UNIT (OVER 6 FT. WIDE - TO 49.99 FT. SPAN)
915.73	ARCH FRAME UNIT (4FT. OR LESS WIDE - 50 TO 54.99 FT. SPAN)
915.74	ARCH FRAME UNIT (4.01 TO 5 FT. WIDE - 50 TO 54.99 FT. SPAN)
915.75	ARCH FRAME UNIT (5.01 TO 6 FT. WIDE - 50 TO 54.99 FT. SPAN)
915.76	ARCH FRAME UNIT (OVER 6 FT. WIDE - TO 54.99 FT. SPAN)

Cost Account ID	Cost Account Name
915.83	ARCH FRAME UNIT (4 FT. OR LESS WIDE - 55 TO 59.99 FT. SPAN)
915.84	ARCH FRAME UNIT (4.01 TO 5 FT. WIDE - 55 TO 59.99 FT. SPAN)
915.85	ARCH FRAME UNIT (5.01 TO 6 FT. WIDE - 55 TO 59.99 FT. SPAN)
915.86	ARCH FRAME UNIT (OVER 6FT. WIDE - 55 TO 59.99 FT. SPAN)
915.93	ARCH FRAME UNIT (4 FT. OR LESS WIDE - 60 OR MORE FOOT SPAN)
915.94	ARCH FRAME UNIT (4.01 TO 5 FT. WIDE - 60 OR MORE FT. SPAN)
915.95	ARCH FRAME UNIT (5.01 TO 6FT. WIDE - -60 OR MORE FT. SPAN)
915.96	ARCH FRAME UNIT (OVER 6 FT. WIDE - 60 OR MORE FT. SPAN)
916.01	REPAIRS TO UNDERMINING AT PIER AND ABUTMENTS
917	QUARRY FACED GRANITE
918.01	POWER WASH CLEAN GUNITE SURFACES
920	GRANITE CAPSTONE
921.1	LAMINATED ELASTOMERIC BEARING W/ ANCHOR BOLTS (0-50)
921.2	LAMINATED ELASTOMERIC BEARING W/ ANCHOR BOLTS (51-100)
921.3	LAMINATED ELASTOMERIC BEARING W/ ANCHOR BOLTS (101-150)
921.4	LAMINATED ELASTOMERIC BEARING W/ ANCHOR BOLTS (151-200)
921.5	LAMINATED ELASTOMERIC BEARING W/ ANCHOR BOLTS (>200)
922.1	LAMINATED ELASTOMERIC BEARING W/O ANCHOR BOLTS (0-50)
922.2	LAMINATED ELASTOMERIC BEARING W/O ANCHOR BOLTS (51-100)
922.3	LAMINATED ELASTOMERIC BEARING W/O ANCHOR BOLTS (101-150)
922.4	LAMINATED ELASTOMERIC BEARING W/O ANCHOR BOLTS (151-200)
922.5	LAMINATED ELASTOMERIC BEARING W/O ANCHOR BOLTS (>200)
923.1	LAM. SLIDING ELASTOMERIC BEARING W/ ANCHOR BOLTS (0-50)
923.2	LAM. SLIDING ELASTOMERIC BEARING W/ ANCHOR BOLTS (51-100)
923.3	LAM. SLIDING ELASTOMERIC BEARING W/ ANCHOR BOLTS (101-150)
923.4	LAM. SLIDING ELASTOMERIC BEARING W/ ANCHOR BOLTS (151-200)
923.5	LAM. SLIDING ELASTOMERIC BEARING W/ ANCHOR BOLTS (>200)
924.1	LAM. SLIDING ELASTOMERIC BEARING W/O ANCHOR BOLTS (0-50)
924.2	LAM. SLIDING ELASTOMERIC BEARING W/O ANCHOR BOLTS (51-100)
924.3	LAM. SLIDING ELASTOMERIC BEARING W/O ANCHOR BOLTS (101-150)

Cost Account ID	Cost Account Name
924.4	LAM. SLIDING ELASTOMERIC BEARING W/O ANCHOR BOLTS (151-200)
924.5	LAM. SLIDING ELASTOMERIC BEARING W/O ANCHOR BOLTS (>200)
925.99	STONE VENEER
930.301	PRESTRESSED CONCRETE DECK BEAMS (S36-12)
930.302	PRESTRESSED CONCRETE DECK BEAMS (S36-15)
930.303	PRESTRESSED CONCRETE DECK BEAMS (S36-18)
930.304	PRESTRESSED CONCRETE DECK BEAMS (S36-21)
930.305	PRESTRESSED CONCRETE DECK BEAMS (S48-12)
930.306	PRESTRESSED CONCRETE DECK BEAMS (S48-15)
930.307	PRESTRESSED CONCRETE DECK BEAMS (S48-18)
930.308	PRESTRESSED CONCRETE DECK BEAMS (S48-21)
930.401	PRESTRESSED CONCRETE BOX BEAMS (B36-24)
930.402	PRESTRESSED CONCRETE BOX BEAMS (B36-27)
930.403	PRESTRESSED CONCRETE BOX BEAMS (B36-30)
930.404	PRESTRESSED CONCRETE BOX BEAMS (B36-33)
930.405	PRESTRESSED CONCRETE BOX BEAMS (B36-36)
930.406	PRESTRESSED CONCRETE BOX BEAMS (B36-39)
930.407	PRESTRESSED CONCRETE BOX BEAMS (B36-42)
930.408	PRESTRESSED CONCRETE BOX BEAMS (B36-45)
930.409	PRESTRESSED CONCRETE BOX BEAMS (B36-48)
930.41	PRESTRESSED CONCRETE BOX BEAMS (B48-24)
930.411	PRESTRESSED CONCRETE BOX BEAMS (B48-27)
930.412	PRESTRESSED CONCRETE BOX BEAMS (B48-30)
930.413	PRESTRESSED CONCRETE BOX BEAMS (B48-33)
930.414	PRESTRESSED CONCRETE BOX BEAMS (B48-36)
930.415	PRESTRESSED CONCRETE BOX BEAMS (B48-39)
930.416	PRESTRESSED CONCRETE BOX BEAMS (B48-42)
930.417	PRESTRESSED CONCRETE BOX BEAMS (B48-45)
930.418	PRESTRESSED CONCRETE BOX BEAMS (B48-48)
930.501	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B36-24)
930.502	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B36-27)
930.503	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B36-30)
930.504	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B36-33)
930.505	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B36-36)
930.506	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B36-39)
930.507	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B36-42)
930.508	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B36-45)
930.509	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B36-48)
930.51	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B48-24)
930.511	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B48-27)

Cost Account ID	Cost Account Name
930.512	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B48-30)
930.513	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B48-33)
930.514	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B48-36)
930.515	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B48-39)
930.516	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B48-42)
930.517	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B48-45)
930.518	HIGH PERFORMANCE PRESTRESSED CONCRETE BOX BEAMS (B48-48)
931.01	PRESTRESSED CONCRETE BULB TEE BEAMS (NEBT 1000)
931.02	PRESTRESSED CONCRETE BULB TEE BEAMS (NEBT 1200)
931.03	PRESTRESSED CONCRETE BULB TEE BEAMS (NEBT 1400)
931.04	PRESTRESSED CONCRETE BULB TEE BEAMS (NEBT 1600)
931.05	PRESTRESSED CONCRETE BULB TEE BEAMS (NEBT 1800)
931.11	HIGH PERFORM. PRESTRESSED CONCRETE BULB TEE BEAMS (NEBT1000)
931.12	HIGH PERFORM. PRESTRESSED CONCRETE BULB TEE BEAMS (NEBT1200)
931.13	HIGH PERFORM. PRESTRESSED CONCRETE BULB TEE BEAMS (NEBT1400)
931.14	HIGH PERFORM. PRESTRESSED CONCRETE BULB TEE BEAMS (NEBT1600)
931.15	HIGH PERFORM. PRESTRESSED CONCRETE BULB TEE BEAMS (NEBT1800)
932	ELASTOMERIC BRIDGE BEARING PAD
933	ELASTOMERIC BRIDGE BEARING PAD-1
940	UNTREATED TIMBER PILES
941	TREATED TIMBER PILES
942.101	STEEL PILE HP 10 X 42
942.102	STEEL PILE HP 10 X 57
942.121	STEEL PILE HP 12 X 53
942.122	STEEL PILE HP 12 X 63.
942.123	STEEL PILE HP 12 X 74
942.124	STEEL PILE HP 12 X 84
942.141	STEEL PILE HP 14 X 73
942.142	STEEL PILE HP 14 X 89
942.143	STEEL PILE HP 14 X 102
942.144	STEEL PILE HP 14 X 117
942.9	PREAUGERING OF HP 12X84 PILES
942.91	OBSTRUCTION EXCAVATION 2.0' DIA
943.09	STEEL PIPE PILE 8-5/8 INCH OUTSIDE DIAMETER
943.1	STEEL PIPE PILE 10 INCH OUTSIDE DIAMETER
943.11	STEEL PIPE PILE 10-3/4 INCH OUTSIDE DIAMETER
943.12	STEEL PIPE PILE 12 INCH OUTSIDE DIAMETER

Cost Account ID	Cost Account Name
943.13	STEEL PIPE PILE 12-3/4 INCH OUTSIDE DIAMETER
943.14	STEEL PIPE PILE 14 INCH OUTSIDE DIAMETER
943.16	STEEL PIPE PILE 16 INCH OUTSIDE DIAMETER
944.101	STEEL PILE SPLICE HP 10 X 42
944.102	STEEL PILE SPLICE HP 10 X 57
944.121	STEEL PILE SPLICE HP 12 X 53
944.122	STEEL PILE SPLICE HP 12 X 63
944.123	STEEL PILE SPLICE HP 12 X 74
944.124	STEEL PILE SPLICE HP 12 X 84
944.141	STEEL PILE SPLICE HP 14 X 73
944.142	STEEL PILE SPLICE HP 14 X 89
944.143	STEEL PILE SPLICE HP 14 X 102
944.144	STEEL PILE SPLICE HP 14 X 117.
944.2	PRE-DRILLING FOR PILES
945	CAST-IN-PLACE CONCRETE PILES
945.101	DRILLED SHAFT EXCAVATION 3.0 FOOT DIAMETER
945.102	DRILLED SHAFT EXCAVATION 3.5 FOOT DIAMETER
945.103	DRILLED SHAFT EXCAVATION 4.0 FOOT DIAMETER
945.104	DRILLED SHAFT EXCAVATION 4.5 FOOT DIAMETER
945.105	DRILLED SHAFT EXCAVATION 5.0 FOOT DIAMETER
945.106	DRILLED SHAFT EXCAVATION 5.5 FOOT DIAMETER
945.107	DRILLED SHAFT EXCAVATION 6.0 FOOT DIAMETER
945.108	DRILLED SHAFT EXCAVATION 6.5 FOOT DIAMETER
945.109	DRILLED SHAFT EXCAVATION 7.0 FOOT DIAMETER
945.11	DRILLED SHAFT EXCAVATION 7.5 FOOT DIAMETER
945.111	DRILLED SHAFT EXCAVATION 8.0 FOOT DIAMETER
945.112	DRILLED SHAFT EXCAVATION 8.5 FOOT DIAMETER
945.113	DRILLED SHAFT EXCAVATION 9.0 FOOT DIAMETER
945.2	ROCK SOCKET EXCAVATION 2.5 FOOT DIAMETER
945.201	ROCK SOCKET EXCAVATION 3.0 FOOT DIAMETER
945.202	ROCK SOCKET EXCAVATION 3.5 FOOT DIAMETER
945.203	ROCK SOCKET EXCAVATION 4.0 FOOT DIAMETER
945.204	ROCK SOCKET EXCAVATION 4.5 FOOT DIAMETER
945.205	ROCK SOCKET EXCAVATION 5.0 FOOT DIAMETER
945.206	ROCK SOCKET EXCAVATION 5.5 FOOT DIAMETER
945.207	ROCK SOCKET EXCAVATION 6.0 FOOT DIAMETER
945.208	ROCK SOCKET EXCAVATION 6.5 FOOT DIAMETER
945.209	ROCK SOCKET EXCAVATION 7.0 FOOT DIAMETER
945.21	ROCK SOCKET EXCAVATION 7.5 FOOT DIAMETER
945.211	ROCK SOCKET EXCAVATION 8.0 FOOT DIAMETER
945.212	ROCK SOCKET EXCAVATION 8.5 FOOT DIAMETER
945.213	ROCK SOCKET EXCAVATION 9.0 FOOT DIAMETER
945.301	OBSTRUCTION EXCAVATION 3.0 FOOT DIAMETER
945.302	OBSTRUCTION EXCAVATION 3.5 FOOT DIAMETER
945.303	OBSTRUCTION EXCAVATION 4.0 FOOT DIAMETER
945.304	OBSTRUCTION EXCAVATION 4.5 FOOT DIAMETER
945.305	OBSTRUCTION EXCAVATION 5.0 FOOT DIAMETER
945.306	OBSTRUCTION EXCAVATION 5.5 FOOT DIAMETER
945.307	OBSTRUCTION EXCAVATION 6.0 FOOT DIAMETER
945.308	OBSTRUCTION EXCAVATION 6.5 FOOT DIAMETER
945.309	OBSTRUCTION EXCAVATION 7.0 FOOT DIAMETER
945.31	OBSTRUCTION EXCAVATION 7.5 FOOT DIAMETER
945.311	OBSTRUCTION EXCAVATION 8.0 FOOT DIAMETER
945.312	OBSTRUCTION EXCAVATION 8.5 FOOT DIAMETER
945.313	OBSTRUCTION EXCAVATION 9.0 FOOT DIAMETER
945.401	TRIAL SHAFT 3.0 FOOT DIAMETER
945.402	TRIAL SHAFT 3.5 FOOT DIAMETER
945.403	TRIAL SHAFT 4.0 FOOT DIAMETER
945.404	TRIAL SHAFT 4.5 FOOT DIAMETER
945.405	TRIAL SHAFT 5.0 FOOT DIAMETER
945.406	TRIAL SHAFT 5.5 FOOT DIAMETER
945.407	TRIAL SHAFT 6.0 FOOT DIAMETER
945.408	TRIAL SHAFT 6.5 FOOT DIAMETER
945.409	TRIAL SHAFT 7.0 FOOT DIAMETER
945.41	TRIAL SHAFT 7.5 FOOT DIAMETER
945.411	TRIAL SHAFT 8.0 FOOT DIAMETER
945.412	TRIAL SHAFT 8.5 FOOT DIAMETER
945.413	TRIAL SHAFT 9.0 FOOT DIAMETER
945.501	DRILLED SHAFT 3.0 FOOT DIAMETER
945.502	DRILLED SHAFT 3.5 FOOT DIAMETER
945.503	DRILLED SHAFT 4.0 FOOT DIAMETER
945.504	DRILLED SHAFT 4.5 FOOT DIAMETER
945.505	DRILLED SHAFT 5.0 FOOT DIAMETER
945.506	DRILLED SHAFT 5.5 FOOT DIAMETER
945.507	DRILLED SHAFT 6.0 FOOT DIAMETER
945.508	DRILLED SHAFT 6.5 FOOT DIAMETER
945.509	DRILLED SHAFT 7.0 FOOT DIAMETER
945.51	DRILLED SHAFT 7.5 FOOT DIAMETER
945.511	DRILLED SHAFT 8.0 FOOT DIAMETER
945.512	DRILLED SHAFT 8.5 FOOT DIAMETER
945.513	DRILLED SHAFT 9.0 FOOT DIAMETER
945.551	10 INCH DIAMETER MICROPILE
945.552	DRILLED MICROPILE LOAD TEST
945.601	PERMANENT CASING 3.0 FOOT DIAMETER
945.602	PERMANENT CASING 3.5 FOOT DIAMETER
945.603	PERMANENT CASING 4.0 FOOT DIAMETER
945.604	PERMANENT CASING 4.5 FOOT DIAMETER
945.605	PERMANENT CASING 5.0 FOOT DIAMETER
945.606	PERMANENT CASING 5.5 FOOT DIAMETER

Cost Account ID	Cost Account Name
945.607	PERMANENT CASING 6.0 FOOT DIAMETER
945.608	PERMANENT CASING 6.5 FOOT DIAMETER
945.609	PERMANENT CASING 7.0 FOOT DIAMETER
945.61	PERMANENT CASING 7.5 FOOT DIAMETER
945.611	PERMANENT CASING 8.0 FOOT DIAMETER
945.612	PERMANENT CASING 8.5 FOOT DIAMETER
945.613	PERMANENT CASING 9.0 FOOT DIAMETER
945.71	CROSS HOLE SONIC TESTING ACCESS PIPES
945.72	CROSS HOLE SONIC TEST
945.81	OSTERBERG LOAD CELL AXIAL LOAD TEST
945.82	CONVENTIONAL AXIAL LOAD TEST
945.9	MICRO PILES
945.91	MICRO PILES - TEST PILE
946.12	PRECAST-PRESTRESSED CONCRETE PILE - 12 INCH
946.14	PRECAST-PRESTRESSED CONCRETE PILE - 14 INCH
946.16	PRECAST-PRESTRESSED CONCRETE PILE - 16 INCH
946.18	PRECAST-PRESTRESSED CONCRETE PILE - 18 INCH
946.2	PRECAST-PRESTRESSED CONCRETE PILE - 20 INCH
947	TEST PILE
947.1	TIMBER TEST PILE
948.1	SHORT DURATION LOAD TEST
948.2	MAINTAINED LOAD TEST
948.3	QUICK LOAD TEST
948.31	STATIC - CYCLIC (EXPRESS) LOAD TEST
948.4	DYNAMIC LOAD TEST PREPARATION
948.41	DYNAMIC LOAD TEST BY CONTRACTOR
948.5	PILE SHOES
950	LUMBER SHEETING
950.1	TEMPORARY SHORING
950.31	TEMPORARY EARTH SUPPORT SYSTEM
950.32	TEMP. EARTH SUPPORT SYS. BRIDGE B-03-10
950.33	TEMP. EARTH SUPPORT SYS. BRIDGE B-03-037
950.34	TEMP. EARTH SUPPORT SYS. BRIDGE B-03-008
950.35	TEMP. EARTH SUPPORT SYS. BRIDGE C-11-033
950.4	TEMPORARY STEEL SHEATHING
950.5	TEMPORARY EARTH SUPPORT SYSTEM - SOUTHWICK
951	WOOD SHEETING
952	STEEL SHEETING
953.1	TMEPORARY STEEL SHEATING
954	SUPPORT OF EXCAVATION
955	TREATED TIMBER
960	STRUCTURAL STEEL
960.1	STRUCTURAL STEEL - COATED STEEL
960.11	STRUCTURAL STEEL - UNCOATED
960.12	STRUCTURAL STEEL - M270 GRADE 70HPS & 50 HPS
960.362	STEEL M270 GRADE 36 PAINTED-MISCELLANEOUS
961.1	CLEAN AND PAINT

Cost Account ID	Cost Account Name
961.101	CLEAN AND PAINT (OVERCOAT) STEEL BRIDGE NO. _____
961.102	CLEAN AND PAINT (OVERCOAT) STEEL BRIDGE NO. _____-1
961.103	CLEAN AND PAINT (OVERCOAT) STEEL BRIDGE NO. _____-2
961.104	CLEAN AND PAINT (OVERCOAT) STEEL BRIDGE NO. _____-3
961.105	CLEAN AND PAINT (OVERCOAT) STEEL BRIDGE NO. _____-4
961.201	CLEAN (FULL REMOVAL) AND PAINT STEEL BRIDGE NO. _____
961.202	CLEAN (FULL REMOVAL) AND PAINT STEEL BRIDGE NO. _____-1
961.203	CLEAN (FULL REMOVAL) AND PAINT STEEL BRIDGE NO. _____
961.204	CLEAN (FULL REMOVAL) AND PAINT STEEL BRIDGE NO. _____-2
961.205	CLEAN (FULL REMOVAL) AND PAINT STEEL BRIDGE NO. _____
961.301	PREPARATION OF FLAME OR THERMAL CUT EDGES BRIDGE NO._____
961.302	PREPARATION OF FLAME OR THERMAL CUT EDGES BRIDGE NO._____ OVER RR
964	LINSEED ANTI-SPALLING COMPOUND
964.1	EPOXY BONDING COMPOUND
964.2	EPOXY PROTECTIVE COATING
964.21	CONCRETE PROTECTIVE COATING
964.213	EPOXY BONDING UNDER PRESSURE
964.7	EPOXY MORTAR FOR PATCHING
964.71	CEMENTITIOUS MORTAR FOR PATCHING-1
964.8	EPOXY MORTAR FOR PATCHING-1
965	MEMBRANE WATERPROOFING FOR BRIDGE DECKS
965.1	MEMBRANE WATERPROOFING (RUBBERIZED ASPHALT)
965.2	MEMBRANE WATERPROOFING FOR BRIDGE DECKS - SPRAY APPLIED
965.3	MEMBRANE WATER PROOFING (SPRAY APPLIED) FOR EXISTING DECKS
966	WATERPROOFING PROTECTIVE COURSE
967	MEMBRANE WATERPROOFING
968	SCUPPER
968.1	SCUPPER AND DOWNSPOUT
968.4	SCUPPER-REMOVED
970	BITUMINOUS DAMP-PROOFING
971	ASPHALTIC BRIDGE JOINT SYSTEM
971.1	ASPHALTIC BRIDGE JOINT SYSTEM-1
972	STRIP SEAL BRIDGE JOINT SYSTEM
974.1	METAL BRIDGE RAILING REMOVED AND RESET
974.2	METAL BRIDGE RAILING REMOVED AND STACKED
974.3	METAL BRIDGE RAILING REMOVED
974.31	METAL BRIDGE RAILING REMOVED-2

Cost Account ID	Cost Account Name
975.1	METAL BRIDGE RAILING (3 RAIL), STEEL (TYPE S3-TL4)
975.2	METAL BRIDGE RAILING (3 RAIL), ALUMINUM (TYPE AL-3)
975.3	PROTECTIVE SCREEN TYPE I
975.4	PROTECTIVE SCREEN TYPE II
975.5	ALUMINUM HANDRAIL
980.04	REPOINT MASONRY WALL
982	MARINE HARDWARE
982.2	FENDER LOG
982.3	ALUMINUM GANGWAY
982.4	TIMBER GANGWAY
983	DUMPED RIPRAP
983.01	DUMPED RIPRAP-3
983.02	MODIFIED DUMPED RIPRAP
983.03	PLACED RIPRAP
983.1	RIPRAP
983.11	MODIFIED RIPRAP
983.2	RIPRAP-1
983.21	RIPRAP (MORTARED)
983.22	BOULDER DEFLECTORS
983.3	RIPRAP REMOVED AND RELAID
983.31	SUPPLEMENTAL RIP RAP
983.33	ROOT WADS
983.4	ROCK FILL
983.41	ROCK FILL-1
983.5	MODIFIED ROCK FILL
983.51	MODIFIED ROCK FILL-1
983.52	MODIFIED ROCK FILL-2
984	STONE + STONE CHIPS FOR WW REVETS,BRKWTR,MDS,GRS, + JTY
984.6	STONE FOR EROSION CONTROL
984.601	DUMPED STONE FOR EROSION CONTROL
984.61	STONE FOR EROSION CONTROL-1
984.62	STONE FOR EROSION CONTROL-2
985	SLOPE PAVING
985.01	SLOPE PAVING REMOVED AND RESET
986	MODIFIED ROCKFILL
987	SPECIAL SLOPE PAVING UNDER BRIDGE - OPTION
987.02	SPECIAL SLOPE PAVING UNDER BRIDGE REMOVED AND RESET
987.1	SPECIAL SLOPE PAVING UNDER BRIDGE - QUARRY STONE
987.12	SPECIAL SLOPE PAVING UNDER BRIDGE - QUARRY STONE GROUTED
987.2	SPECIAL SLOPE PAVING UNDER BRIDGE - PRECAST CONCRETE BLOCKS
987.3	SPECIAL SLOPE PAVING UNDER BRIDGE - CEMENT CONCRETE
987.4	SPECIAL UNDERWATER GROUT REPAIR
988	CHANNEL PAVING

Cost Account ID	Cost Account Name
988.1	GROUTED CHANNEL PAVING
988.2	MODIFIED CHANNEL PAVING
989.2	REPAIRS TO CONCRETE
989.21	REPAIRS TO CONCRETE STAIRS
989.22	REPAIRS TO STRUCTURE CONCRETE MASONRY
989.32	CONCRETE CRACK REPAIR
990.1	COFFERDAM STRUCTURE NO. _____
990.2	COFFERDAM STRUCTURE NO. _____-1
991.01	CONTROL OF WATER - STRUCTURE NO. A-06-003
991.1	CONTROL OF WATER - STRUCTURE NO. _____
991.2	CONTROL OF WATER - STRUCTURE NO. _____-1
991.3	CONTROL OF WATER - STRUCTURE NO. B-03-037
991.4	CONTROL OF WATER - STRUCTURE NO. B-03-008
991.5	CONTROL OF WATER - STRUCTURE NO. C-11-033
991.99	BLDNG CONDITION SURVEY & VIBRTN MNITRNG - NON BLAST
992.1	ALTERATION TO BRIDGE STRUCTURE NO. _____
992.2	ALTERATION TO BRIDGE STRUCTURE NO. _____-1
992.3	TEMPORARY SUPPORTS FOR BRIDGE STRUCTURE
992.301	TEMPORARY SUPPORTS FOR BRIDGE STRUCTURE B-03-011
992.302	TEMPORARY SUPPORTS FOR BRIDGE STRUCTURE B-03-010
992.304	TEMPORARY SUPPORTS FOR BRIDGE STRUCTURE B-03-008
992.31	TEMPORARY SUPPORTS FOR WATER PIPE
992.32	TEMPORARY SUPPORTS FOR PIPING
992.33	TEMPORARY SUPPORTS FOR UTILITIES
992.99	TEMPORARY UTILITY SUPPORT BRIDGE
993.1	TEMPORARY BRIDGE NO. _____
993.101	TEMPORARY PEDESTRIAN BRIDGE
993.11	TEMPORARY BRIDGE NO. _____ REMOVED AND STACKED
993.31	TEMPORARY PEDESTRIAN BRIDGE-1
994	INSTALL/REMOVE PROTECTIVE SHIELDING
994.01	TEMPORARY PROTECTIVE SHIELDING BRIDGE NO. _____
994.011	TEMP. PROTECTIVE SHIELDING BR.____ OUTSIDE FASCIA BEAM
994.012	TEMP. PROT.SHIELD.BETWEENN FASCIA BEAMS BR._____
994.02	TEMPORARY PROTECTIVE SHIELDING BRIDGE NO. _____
994.03	TEMPORARY PROTECTIVE SHIELDING BRIDGE B-03-037
994.04	TEMPORARY PROTECTIVE SHIELDING BRIDGE B-03-008
994.05	TEMPORARY PROTECTIVE SHIELDING BRIDGE C-11-033
994.1	TEMPORARY PROTECTIVE SHIELDING
994.11	TEMPORARY PROTECTIVE SHIELDING-3831
994.2	INSTALL PROTECTIVE SHIELDING

Cost Account ID	Cost Account Name
994.3	REMOVE PROTECTIVE SHIELDING
995	BRIDGE SUPERSTRUCTURE, BRIDGE NO._____
995.01	BRIDGE STRUCTURE, BRIDGE NO. _____
995.011	CULVERT STRUCTURE, CULVERT NO. _____
995.012	INSTUMENTATION FOR BRIDGE
995.02	BRIDGE STRUCTURE, BRIDGE NO. _____
995.021	CULVERT STRUCTURE, CULVERT NO. _____
995.03	BRIDGE STRUCTURE, BRIDGE NO. _____-1
995.04	BRIDGE STRUCTURE, BRIDGE NO. B-03-008
995.05	BRIDGE STRUCTURE, BRIDGE NO. C-11-033
995.11	REMOVE AND DISPOSE WATER MAIN TIMBER SHIELDING & INSULATION
996.01	WALL STRUCTURE, WALL NO. _____
996.02	WALL STRUCTURE, WALL NO. _____-1
996.1	NOISE BARRIER STRUCTURE
996.11	NOISE BARRIER FOUNDATION

Cost Account ID	Cost Account Name
996.2	WEEP HOLE FOR NOISE BARRIER STRUCTURE
996.3	MODULAR RETAINING WALL SYSTEM
996.31	MECHANICALLY STABILIZED EARTH WALL
996.32	MECHANICALLY STABILIZED EARTH WALL-1
996.33	PROOF TEST EXISTING TIEBACKS
996.4	PREFABRICATED MODULAR BLOCK WALL
996.401	GRS-IBS ABUTMENTS AND WINDGWALLS
997.01	BRIDGE INSTRUMENTATION
997.02	LIVE LOAD TEST
997.1	FIBER REINFORCED POLYMER (FRP) COMPOSITE SYSTEM
997.21	PERMANENT SOIL NAILS
997.22	VERIFICATION TEST NAILS
997.23	SHOTCRETE FACING
999.801	EWO#1 - EMERGENCY STORM WORK REPAIR WORK

ATTACHMENT F: SAMPLE PROJECTED SPENDING REPORT (PSR)

[CONTRACTOR NAME]
[CONTRACT NO] + [CONTRACT DESCRIPTION]
Section 722 - Construction Scheduling & Projected Spending Report
[SCHEDULE BASIS]

	1-Nov-20	1-Dec-20	1-Jan-21	1-Feb-21	1-Mar-21	1-Apr-21	1-May-21	1-Jun-21	1-Jul-21	1-Aug-21	1-Sep-21	1-Oct-21	1-Nov-21
Monthly Projection	$25,545.07	$77,720.00	$13,260.00	$16,053.33	$289,487.09	$484,190.10	$1,018,978.45	$554,038.58	$2,713,558.27	$546,680.12	$852,261.41	$925,347.18	$747,810.12
Cumulative Monthly Projection	$25,545.07	$103,265.07	$116,525.07	$132,578.40	$422,065.49	$906,255.59	$1,925,234.04	$2,479,272.62	$5,192,830.89	$5,739,511.01	$6,591,772.42	$7,517,119.60	$8,264,929.72
Monthly Total as % of Bid	0.13%	0.40%	0.07%	0.08%	1.47%	2.46%	5.18%	2.82%	13.80%	2.78%	4.33%	4.70%	3.80%
Cumulative Total as % of Bid	0.13%	0.53%	0.59%	0.67%	2.15%	4.61%	9.79%	12.61%	26.40%	29.18%	33.52%	38.22%	42.02%

Activity Name	**Budgeted Cost**	**Actual Cost**	**Spreadsheet Field**	**1-Nov-20**	**1-Dec-20**	**1-Jan-21**	**1-Feb-21**	**1-Mar-21**	**1-Apr-21**	**1-May-21**	**1-Jun-21**	**1-Jul-21**	**1-Aug-21**	**1-Sep-21**	**1-Oct-21**	**1-Nov-21**
Total	$19,667,628.00	$0.00	Remaining Early Cost	$25,545.07	$77,720.00	$13,260.00	$16,053.33	$289,487.09	$484,190.10	$1,018,978.45	$554,038.58	$2,713,558.27	$546,680.12	$852,261.41	$925,347.18	$747,810.12
[Contract No]_100.0 SCHEDULE OF OPERATIONS FIXED PRICE ($95,000)	$95,000.00	$0.00	Remaining Early Cost	$1,963.10			$15,833.33	$4,989.54	$2,944.65	$2,804.43	$3,084.87	$2,944.65	$3,084.87	$2,944.65	$2,804.43	$2,664.21
[Contract No]_101.0 CLEARING AND GRUBBING	$50,000.00	$0.00	Remaining Early Cost					$25,000.00	$25,000.00							
[Contract No]_102.1 TREE TRIMMING	$7,000.00	$0.00	Remaining Early Cost					$3,500.00	$3,500.00							
[Contract No]_102.3 CONTROL OF INVASIVE PLANTS	$5,600.00	$0.00	Remaining Early Cost					$5,600.00								
[Contract No]_102.33 INVASIVE PLANT MANAGEMENT STRATEGY	$1,500.00	$0.00	Remaining Early Cost					$1,500.00								
[Contract No]_102.511 TREE PROECTION ARMORING AND PRUNING	$3,600.00	$0.00	Remaining Early Cost					$3,600.00								
[Contract No]_102.521 TEMPORARY TREE PROTECTION FENCE	$5,075.00	$0.00	Remaining Early Cost					$5,075.00								
[Contract No]_103.0 TREE REMOVED - DIAMETER UNDER 24 INCHES	$14,400.00	$0.00	Remaining Early Cost					$7,200.00	$7,200.00							
[Contract No]_104.0 TREE REMOVED - DIAMETER OVER 24 INCHES	$12,000.00	$0.00	Remaining Early Cost					$6,000.00	$6,000.00							
[Contract No]_105.0 STUMP REMOVED	$2,250.00	$0.00	Remaining Early Cost					$1,125.00	$1,125.00							
[Contract No]_120.0 EARTH EXCAVATION	$687,500.00	$0.00	Remaining Early Cost						$34,500.00	$89,000.00	$65,166.67	$84,333.33	$38,923.08	$67,230.77	$46,482.52	$50,181.82
[Contract No]_121.0 CLASS A ROCK EXCAVATION	$69,000.00	$0.00	Remaining Early Cost							$1,380.00	$7,820.00	$10,120.00	$4,670.77	$8,067.69	$5,577.90	$6,021.82
[Contract No]_123.0 MUCK EXCAVATION	$20,350.00	$0.00	Remaining Early Cost									$3,404.00		$3,404.00	$10,212.00	
[Contract No]_140.0 BRIDGE EXCAVATION	$67,200.00	$0.00	Remaining Early Cost									$11,400.00		$11,400.00	$33,000.00	
[Contract No]_141.0 CLASS A TRENCH EXCAVATION	$9,340.00	$0.00	Remaining Early Cost						$3,502.50	$5,837.50						
[Contract No]_141.1 TEST PIT FOR EXPLORATION	$9,000.00	$0.00	Remaining Early Cost						$9,000.00							
[Contract No]_142.0 CLASS B TRENCH EXCAVATION	$1,250.00	$0.00	Remaining Early Cost						$470.00	$780.00						
[Contract No]_144.0 CLASS B ROCK EXCAVATION	$112,500.00	$0.00	Remaining Early Cost						$42,000.00	$70,500.00						
[Contract No]_146.0 DRAINAGE STRUCTURE REMOVED	$39,900.00	$0.00	Remaining Early Cost							$1,900.00	$2,850.00	$3,800.00	$2,265.38	$4,019.23	$3,474.48	$4,145.45
[Contract No]_150.1 SPECIAL BORROW	$20,480.00	$0.00	Remaining Early Cost							$5,120.00	$8,533.33	$6,826.67				
[Contract No]_151.0 GRAVEL BORROW	$363,000.00	$0.00	Remaining Early Cost							$15,070.00	$30,470.00	$45,210.00	$25,833.08	$44,033.85	$30,913.08	$32,880.00
[Contract No]_151.1 GRAVEL BORROW FOR BRIDGE FOUNDATION	$19,500.00	$0.00	Remaining Early Cost									$600.00		$4,500.00	$13,500.00	
[Contract No]_151.2 GRAVEL BORROW FOR BACKFILLING STRUCTURES AND PIPES	$239,700.00	$0.00	Remaining Early Cost							$9,964.00	$19,928.00	$29,892.00	$16,862.15	$29,125.54	$20,137.03	$21,739.64
[Contract No]_154.0 SAND BORROW	$750.00	$0.00	Remaining Early Cost											$300.00	$300.00	
[Contract No]_156.0 CRUSHED STONE	$82,250.00	$0.00	Remaining Early Cost							$3,431.00	$6,862.00	$10,293.00	$5,806.31	$10,029.08	$6,933.98	$7,485.82
[Contract No]_156.1 CRUSHED STONE for BRIDGE FOUNDATIONS	$5,800.00	$0.00	Remaining Early Cost											$1,160.00	$3,480.00	
[Contract No]_170.0 FINE GRADING AND COMPACTING - SUBGRADE	$113,400.00	$0.00	Remaining Early Cost													$4,536.00
[Contract No]_180.01 HEALTH AND SAFETY PLAN	$25,000.00	$0.00	Remaining Early Cost		$21,666.67	$3,333.33										
[Contract No]_180.02 PERSONNEL PROTECTION LEVEL C	$700.00	$0.00	Remaining Early Cost	$18.08				$16.79	$27.12	$25.83	$28.41	$27.12	$28.41	$27.12	$25.83	$24.54
[Contract No]_180.03 LICENSED SITE PROFESSIONAL	$44,000.00	$0.00	Remaining Early Cost		$38,133.33	$5,866.67										
[Contract No]_181.11 DISPOSAL OF UNREGULATED SOIL	$2,350.00	$0.00	Remaining Early Cost													
[Contract No]_181.12 DISPOSAL OF REGULATED SOIL IN STATE	$6,800.00	$0.00	Remaining Early Cost													
[Contract No]_181.13 DISPOSAL OF UNREGULATED SOIL OUT OF STATE	$19,000.00	$0.00	Remaining Early Cost													
[Contract No]_181.14 DISPOSAL OF HAZARDOUS WASTE	$8,260.00	$0.00	Remaining Early Cost													
[Contract No]_182.21 ASBESTOS REMOVAL PERMITS	$7,500.00	$0.00	Remaining Early Cost													
[Contract No]_182.22 ASBESTOS REMOVAL PERMITS	$54,075.00	$0.00	Remaining Early Cost													
[Contract No]_183.1 TREATMENT OF CONTAMINATED GROUND WATER	$27,500.00	$0.00	Remaining Early Cost											$9,350.00	$8,800.00	
[Contract No]_183.2 DISPOSAL OF GRANULAR ACTIVATED CARBON	$2,500.00	$0.00	Remaining Early Cost													
[Contract No]_184.1 DISPOSAL OF TREATED WOOD PRODUCTS	$1,375.00	$0.00	Remaining Early Cost													
[Contract No]_201.3 SPECIAL CATCH BASIN	$590,000.00	$0.00	Remaining Early Cost							$25,000.00	$50,000.00	$75,000.00	$42,307.69	$73,076.92	$50,524.48	$54,545.45
[Contract No]_202.0 MANHOLE	$451,000.00	$0.00	Remaining Early Cost							$22,000.00	$44,000.00	$49,500.00	$33,423.08	$57,115.39	$38,961.54	$43,500.00
[Contract No]_202.11 SPECIAL MANHOLE (10 FT x 8 FT)	$40,000.00	$0.00	Remaining Early Cost													
[Contract No]_202.2 MANHOLE (9 TO 14 FOOT DEPTH)	$34,000.00	$0.00	Remaining Early Cost								$8,500.00	$8,500.00	$5,884.61	$2,615.39		
[Contract No]_202.5 MANHOLE 5 FOOT DIAM.	$60,000.00	$0.00	Remaining Early Cost							$6,000.00	$6,000.00	$6,000.00			$3,818.18	$8,181.82
[Contract No]_202.6 MANHOLE 6 FOOT DIAM.	$48,000.00	$0.00	Remaining Early Cost								$8,000.00	$8,000.00				$6,545.46
[Contract No]_202.8 MANHOLE 8 FOOT DIAM.	$52,000.00	$0.00	Remaining Early Cost							$13,000.00			$13,000.00	$8,000.00	$18,000.00	
[Contract No]_202.9 MANHOLE 8 FOOT DIAM.	$85,000.00	$0.00	Remaining Early Cost								$5,000.00	$15,000.00	$5,000.00	$8,076.92	$10,104.90	$6,818.18
[Contract No]_204.11 GUTTER INLET	$29,750.00	$0.00	Remaining Early Cost							$1,750.00	$3,500.00	$5,250.00	$1,750.00	$2,826.92	$2,423.08	$1,431.82
[Contract No]_205.0 LEACHING BASIN	$66,000.00	$0.00	Remaining Early Cost							$22,000.00	$29,333.33	$14,666.67				
[Contract No]_209.1 DROP INLET, TYPE D	$9,800.00	$0.00	Remaining Early Cost								$9,800.00					
[Contract No]_220.0 DRAINAGE STRUCTURE ADJUSTED	$99,750.00	$0.00	Remaining Early Cost													
[Contract No]_220.3 DRAINAGE STRUCTURE CHANGE IN TYPE	$6,000.00	$0.00	Remaining Early Cost									$1,000.00		$1,615.38	$384.62	
[Contract No]_220.5 DRAINAGE STRUCTURE REMODELED	$4,500.00	$0.00	Remaining Early Cost							$1,500.00			$1,038.46	$461.54		
[Contract No]_220.7 SANITARY STRUCTURE ADJUSTED	$13,825.00	$0.00	Remaining Early Cost							$395.00	$790.00	$1,975.00	$1,063.46	$1,792.69	$950.21	$1,185.00
[Contract No]_220.8 SANITARY STRUCTURE REMODELED	$14,000.00	$0.00	Remaining Early Cost								$1,750.00	$3,500.00		$1,750.00		$1,750.00
[Contract No]_221.0 FRAME AND COVER	$109,600.00	$0.00	Remaining Early Cost							$4,800.00	$8,800.00	$13,600.00	$7,323.08	$13,230.77	$9,700.70	$9,818.18
[Contract No]_222.1 FRAME AND GRATE - MASSDOT CASCADE TYPE	$121,500.00	$0.00	Remaining Early Cost							$5,400.00	$9,000.00	$15,300.00	$9,138.46	$15,784.62	$10,340.56	$10,554.55
[Contract No]_222.2 FRAME AND GRATE - MASSDOT DROP INLET	$1,700.00	$0.00	Remaining Early Cost												$540.91	$309.09
[Contract No]_223.2 FRAME AND GRATE (OR COVER) R&D	$3,075.00	$0.00	Remaining Early Cost							$150.00	$225.00	$450.00	$253.85	$392.31	$199.30	$265.91
[Contract No]_224.12 12 INCH HOOD	$87,750.00	$0.00	Remaining Early Cost							$3,900.00	$7,800.00	$11,050.00	$5,500.00	$10,800.00	$7,218.18	$7,622.73
[Contract No]_227.3 REMOVAL OF DRAINAGE STRUCTURE SEDIMENT	$21,000.00	$0.00	Remaining Early Cost													
[Contract No]_227.31 REMOVAL OF DRAINAGE PIPE SEDIMENT	$4,860.00	$0.00	Remaining Early Cost													
[Contract No]_232.4 43 X 27 INCH ACCM PIPE-ARCH 12 GAGE	$11,250.00	$0.00	Remaining Early Cost													
[Contract No]_232.5 50 X 31 INCH ACCM PIPE-ARCH 12 GAGE	$11,275.00	$0.00	Remaining Early Cost													
[Contract No]_238.12 12 INCH DUCTILE IRON PIPE	$180,000.00	$0.00	Remaining Early Cost							$7,500.00	$15,000.00	$22,500.00	$12,692.31	$21,923.08	$15,157.34	$16,363.64
[Contract No]_238.16 16 INCH DUCTILE IRON PIPE	$2,280.00	$0.00	Remaining Early Cost							$228.00			$385.85	$438.46	$460.78	$310.91
[Contract No]_238.24 24 INCH DUCTILE IRON PIPE	$29,900.00	$0.00	Remaining Early Cost							$1,150.00	$2,530.00	$3,910.00	$2,176.15	$3,361.54	$2,324.13	$2,697.27
[Contract No]_241.12 12 INCH REINFORCED CONCRETE PIPE	$212,500.00	$0.00	Remaining Early Cost							$8,840.00	$17,680.00	$26,520.00	$14,960.00	$25,840.00	$17,865.45	$19,565.45
[Contract No]_241.15 15 INCH REINFORCED CONCRETE PIPE	$52,250.00	$0.00	Remaining Early Cost							$2,200.00	$4,400.00	$6,490.00	$3,723.08	$6,430.77	$4,446.15	$4,710.00
[Contract No]_241.18 18 INCH REINFORCED CONCRETE PIPE	$102,080.00	$0.00	Remaining Early Cost							$4,292.00	$8,352.00	$12,876.00	$7,263.38	$12,313.85	$8,674.04	$9,364.36
[Contract No]_241.24 24 INCH REINFORCED CONCRETE PIPE	$135,000.00	$0.00	Remaining Early Cost							$5,670.00	$11,340.00	$17,010.00	$9,595.38	$16,573.85	$11,458.95	$12,150.00
[Contract No]_244.12 12 INCH REINFORCED CONCRETE PIPE CLASS V	$171,000.00	$0.00	Remaining Early Cost							$7,200.00	$14,400.00	$20,700.00	$12,184.62	$21,046.15	$14,551.05	$15,709.09
[Contract No]_244.15 15 INCH REINFORCED CONCRETE PIPE CLASS V	$56,000.00	$0.00	Remaining Early Cost							$2,352.00	$4,704.00	$7,056.00	$3,980.31	$6,875.08	$4,753.34	$4,856.73
[Contract No]_244.18 18 INCH REINFORCED CONCRETE PIPE CLASS V	$178,500.00	$0.00	Remaining Early Cost							$7,446.00	$14,892.00	$22,338.00	$12,600.92	$21,765.23	$15,048.21	$16,245.82
[Contract No]_244.24 24 INCH REINFORCED CONCRETE PIPE CLASS V	$128,700.00	$0.00	Remaining Early Cost							$5,390.00	$10,670.00	$16,170.00	$9,011.54	$15,645.38	$10,893.08	$11,760.00
[Contract No]_258.0 STONE FOR PIPE ENDS	$11,000.00	$0.00	Remaining Early Cost											$2,700.00	$2,800.00	$2,700.00
[Contract No]_303.06 6 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)	$55,200.00	$0.00	Remaining Early Cost						$27,600.00	$27,600.00						
[Contract No]_303.08 8 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)	$4,500.00	$0.00	Remaining Early Cost							$4,500.00						
[Contract No]_303.12 12 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)	$77,700.00	$0.00	Remaining Early Cost						$77,700.00							
[Contract No]_309.0 DUCTILE IRON FITTINGS FOR WATER PIPE	$26,000.00	$0.00	Remaining Early Cost						$13,000.00	$13,000.00						

[CONTRACTOR NAME]
[CONTRACT NO] + [CONTRACT DESCRIPTION]
Section 722 - Construction Scheduling & Projected Spending Report
[SCHEDULE BASIS]

	1-Dec-21	1-Jan-22	1-Feb-22	1-Mar-22	1-Apr-22	1-May-22	1-Jun-22	1-Jul-22	1-Aug-22	1-Sep-22	1-Oct-22	1-Nov-22
Monthly Projection	$0.00	$0.00	$0.00	$326,355.77	$996,201.62	$1,098,813.52	$1,084,327.58	$801,120.28	$752,876.56	$216,635.60	$337,052.75	$344,624.75
Cumulative Monthly Projection	$8,264,929.72	$8,264,929.72	$8,264,929.72	$8,591,285.49	$9,587,487.11	$10,686,300.63	$11,770,628.21	$12,571,748.49	$13,324,625.05	$13,541,260.65	$13,878,313.40	$14,222,938.15
Monthly Total as % of Bid	0.00%	0.00%	0.00%	1.66%	5.07%	5.59%	5.51%	4.07%	3.83%	1.10%	1.71%	1.75%
Cumulative Total as % of Bid	42.02%	42.02%	42.02%	43.68%	48.75%	54.33%	59.85%	63.92%	67.75%	68.85%	70.56%	72.32%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Dec-21	1-Jan-22	1-Feb-22	1-Mar-22	1-Apr-22	1-May-22	1-Jun-22	1-Jul-22	1-Aug-22	1-Sep-22	1-Oct-22	1-Nov-22
Total	$19,667,628.00	$0.00	Remaining Early Cost				$326,355.77	$996,201.62	$1,098,813.52	$1,084,327.58	$801,120.28	$752,876.56	$216,635.60	$337,052.75	$344,624.75
[Contract No]_100.0 SCHEDULE OF OPERATIONS FIXED PRICE ($95,000)	$95,000.00	$0.00	Remaining Early Cost				$1,822.88	$2,804.43	$2,944.65	$3,084.87	$2,804.43	$3,225.09	$2,944.65	$2,804.43	$2,664.21
[Contract No]_101.0 CLEARING AND GRUBBING	$50,000.00	$0.00	Remaining Early Cost												
[Contract No]_102.1 TREE TRIMMING	$7,000.00	$0.00	Remaining Early Cost												
[Contract No]_102.3 CONTROL OF INVASIVE PLANTS	$5,600.00	$0.00	Remaining Early Cost												
[Contract No]_102.33 INVASIVE PLANT MANAGEMENT STRATEGY	$1,500.00	$0.00	Remaining Early Cost												
[Contract No]_102.511 TREE PROECTION ARMORING AND PRUNING	$3,600.00	$0.00	Remaining Early Cost												
[Contract No]_102.521 TEMPORARY TREE PROTECTION FENCE	$5,075.00	$0.00	Remaining Early Cost												
[Contract No]_103.0 TREE REMOVED - DIAMETER UNDER 24 INCHES	$14,400.00	$0.00	Remaining Early Cost												
[Contract No]_104.0 TREE REMOVED - DIAMETER OVER 24 INCHES	$12,000.00	$0.00	Remaining Early Cost												
[Contract No]_105.0 STUMP REMOVED	$2,250.00	$0.00	Remaining Early Cost												
[Contract No]_120.0 EARTH EXCAVATION	$687,500.00	$0.00	Remaining Early Cost				$25,265.15	$57,500.00	$67,583.33	$42,166.67	$19,166.67				
[Contract No]_121.0 CLASS A ROCK EXCAVATION	$69,000.00	$0.00	Remaining Early Cost				$3,031.82	$6,900.00	$8,050.00	$5,060.00	$2,300.00				
[Contract No]_123.0 MUCK EXCAVATION	$20,350.00	$0.00	Remaining Early Cost								$3,330.00				
[Contract No]_140.0 BRIDGE EXCAVATION	$67,200.00	$0.00	Remaining Early Cost								$11,400.00				
[Contract No]_141.0 CLASS A TRENCH EXCAVATION	$9,340.00	$0.00	Remaining Early Cost												
[Contract No]_141.1 TEST PIT FOR EXPLORATION	$9,000.00	$0.00	Remaining Early Cost												
[Contract No]_142.0 CLASS B TRENCH EXCAVATION	$1,250.00	$0.00	Remaining Early Cost												
[Contract No]_144.0 CLASS B ROCK EXCAVATION	$112,500.00	$0.00	Remaining Early Cost												
[Contract No]_146.0 DRAINAGE STRUCTURE REMOVED	$39,900.00	$0.00	Remaining Early Cost				$2,087.12	$4,750.00	$5,541.67	$3,483.33	$1,583.33				
[Contract No]_150.1 SPECIAL BORROW	$20,480.00	$0.00	Remaining Early Cost												
[Contract No]_151.0 GRAVEL BORROW	$363,000.00	$0.00	Remaining Early Cost				$16,554.17	$37,675.00	$43,954.17	$27,665.00	$12,741.67				
[Contract No]_151.1 GRAVEL BORROW FOR BRIDGE FOUNDATION	$19,500.00	$0.00	Remaining Early Cost								$900.00				
[Contract No]_151.2 GRAVEL BORROW FOR BACKFILLING STRUCTURES AND PIPES	$239,700.00	$0.00	Remaining Early Cost				$10,945.30	$24,910.00	$29,453.33	$18,439.67	$8,303.33				
[Contract No]_154.0 SAND BORROW	$750.00	$0.00	Remaining Early Cost								$150.00				
[Contract No]_156.0 CRUSHED STONE	$82,250.00	$0.00	Remaining Early Cost				$3,768.90	$8,577.50	$9,913.08	$6,290.17	$2,859.17				
[Contract No]_156.1 CRUSHED STONE for BRIDGE FOUNDATIONS	$5,800.00	$0.00	Remaining Early Cost								$1,160.00				
[Contract No]_170.0 FINE GRADING AND COMPACTING - SUBGRADE	$113,400.00	$0.00	Remaining Early Cost				$9,072.00	$13,608.00	$16,632.00	$6,048.00	$4,536.00	$9,072.00	$4,536.00	$8,164.80	$9,979.20
[Contract No]_180.01 HEALTH AND SAFETY PLAN	$25,000.00	$0.00	Remaining Early Cost												
[Contract No]_180.02 PERSONNEL PROTECTION LEVEL C	$700.00	$0.00	Remaining Early Cost				$16.79	$25.83	$27.12	$28.41	$25.83	$29.70	$27.12	$25.83	$24.54
[Contract No]_180.03 LICENSED SITE PROFESSIONAL	$44,000.00	$0.00	Remaining Early Cost												
[Contract No]_181.11 DISPOSAL OF UNREGULATED SOIL	$2,350.00	$0.00	Remaining Early Cost												
[Contract No]_181.12 DISPOSAL OF REGULATED SOIL IN STATE	$6,800.00	$0.00	Remaining Early Cost												
[Contract No]_181.13 DISPOSAL OF UNREGULATED SOIL OUT OF STATE	$19,000.00	$0.00	Remaining Early Cost												
[Contract No]_181.14 DISPOSAL OF HAZARDOUS WASTE	$8,260.00	$0.00	Remaining Early Cost												
[Contract No]_182.21 ASBESTOS REMOVAL PERMITS	$7,500.00	$0.00	Remaining Early Cost												
[Contract No]_182.22 ASBESTOS REMOVAL PERMITS	$54,075.00	$0.00	Remaining Early Cost												
[Contract No]_183.1 TREATMENT OF CONTAMINATED GROUND WATER	$27,500.00	$0.00	Remaining Early Cost							$9,350.00					
[Contract No]_183.2 DISPOSAL OF GRANULAR ACTIVATED CARBON	$2,500.00	$0.00	Remaining Early Cost												
[Contract No]_184.1 DISPOSAL OF TREATED WOOD PRODUCTS	$1,375.00	$0.00	Remaining Early Cost												
[Contract No]_201.3 SPECIAL CATCH BASIN	$590,000.00	$0.00	Remaining Early Cost				$27,462.12	$62,500.00	$62,916.67	$45,833.33	$20,833.33				
[Contract No]_202.0 MANHOLE	$451,000.00	$0.00	Remaining Early Cost				$18,125.00	$46,750.00	$49,958.33	$33,916.67	$13,750.00				
[Contract No]_202.11 SPECIAL MANHOLE (10 FT x 8 FT)	$40,000.00	$0.00	Remaining Early Cost					$16,666.67	$23,333.33						
[Contract No]_202.2 MANHOLE (9 TO 14 FOOT DEPTH)	$34,000.00	$0.00	Remaining Early Cost							$1,416.67	$7,083.33				
[Contract No]_202.5 MANHOLE 5 FOOT DIAM.	$60,000.00	$0.00	Remaining Early Cost				$5,500.00	$12,500.00	$6,000.00	$1,000.00	$5,000.00				
[Contract No]_202.6 MANHOLE 6 FOOT DIAM.	$48,000.00	$0.00	Remaining Early Cost				$1,454.54	$8,000.00	$10,666.67	$5,333.33					
[Contract No]_202.8 MANHOLE 8 FOOT DIAM.	$52,000.00	$0.00	Remaining Early Cost												
[Contract No]_202.9 MANHOLE 8 FOOT DIAM.	$85,000.00	$0.00	Remaining Early Cost					$7,083.33	$14,583.33	$9,166.67	$4,166.67				
[Contract No]_204.11 GUTTER INLET	$29,750.00	$0.00	Remaining Early Cost				$1,922.35	$3,645.83	$1,750.00	$2,041.67	$1,458.33				
[Contract No]_205.0 LEACHING BASIN	$66,000.00	$0.00	Remaining Early Cost												
[Contract No]_209.1 DROP INLET, TYPE D	$9,800.00	$0.00	Remaining Early Cost												
[Contract No]_220.0 DRAINAGE STRUCTURE ADJUSTED	$99,750.00	$0.00	Remaining Early Cost												
[Contract No]_220.3 DRAINAGE STRUCTURE CHANGE IN TYPE	$6,000.00	$0.00	Remaining Early Cost				$916.67	$1,083.33		$1,000.00					
[Contract No]_220.5 DRAINAGE STRUCTURE REMODELED	$4,500.00	$0.00	Remaining Early Cost							$1,500.00					
[Contract No]_220.7 SANITARY STRUCTURE ADJUSTED	$13,825.00	$0.00	Remaining Early Cost				$867.80	$1,185.00	$1,777.50	$1,185.00	$658.33				
[Contract No]_220.8 SANITARY STRUCTURE REMODELED	$14,000.00	$0.00	Remaining Early Cost					$2,479.17	$1,020.83	$1,750.00					
[Contract No]_221.0 FRAME AND COVER	$109,600.00	$0.00	Remaining Early Cost				$5,127.27	$11,200.00	$14,000.00	$8,000.00	$4,000.00				
[Contract No]_222.1 FRAME AND GRATE - MASSDOT CASCADE TYPE	$121,500.00	$0.00	Remaining Early Cost				$5,931.82	$13,125.00	$13,125.00	$9,300.00	$4,500.00				
[Contract No]_222.2 FRAME AND GRATE - MASSDOT DROP INLET	$1,700.00	$0.00	Remaining Early Cost				$779.17	$70.83							
[Contract No]_223.2 FRAME AND GRATE (OR COVER) R&D	$3,075.00	$0.00	Remaining Early Cost				$151.14	$300.00	$287.50	$275.00	$125.00				
[Contract No]_224.12 12 INCH HOOD	$87,750.00	$0.00	Remaining Early Cost				$4,284.09	$9,100.00	$11,158.33	$6,608.33	$2,708.33				
[Contract No]_227.3 REMOVAL OF DRAINAGE STRUCTURE SEDIMENT	$21,000.00	$0.00	Remaining Early Cost												
[Contract No]_227.31 REMOVAL OF DRAINAGE PIPE SEDIMENT	$4,860.00	$0.00	Remaining Early Cost												
[Contract No]_232.4 43 X 27 INCH ACCM PIPE-ARCH 12 GAGE	$11,250.00	$0.00	Remaining Early Cost							$1,875.00	$9,375.00				
[Contract No]_232.5 50 X 31 INCH ACCM PIPE-ARCH 12 GAGE	$11,275.00	$0.00	Remaining Early Cost							$1,879.17	$9,395.83				
[Contract No]_238.12 12 INCH DUCTILE IRON PIPE	$180,000.00	$0.00	Remaining Early Cost				$8,238.64	$18,750.00	$21,875.00	$13,750.00	$6,250.00				
[Contract No]_238.16 16 INCH DUCTILE IRON PIPE	$2,280.00	$0.00	Remaining Early Cost				$209.00	$247.00							
[Contract No]_238.24 24 INCH DUCTILE IRON PIPE	$29,900.00	$0.00	Remaining Early Cost				$1,515.91	$3,220.00	$3,718.33	$2,146.67	$1,150.00				
[Contract No]_241.12 12 INCH REINFORCED CONCRETE PIPE	$212,500.00	$0.00	Remaining Early Cost				$9,772.42	$22,100.00	$25,783.33	$16,206.67	$7,366.67				
[Contract No]_241.15 15 INCH REINFORCED CONCRETE PIPE	$52,250.00	$0.00	Remaining Early Cost				$2,396.67	$5,454.17	$6,352.50	$3,813.33	$1,833.33				
[Contract No]_241.18 18 INCH REINFORCED CONCRETE PIPE	$102,080.00	$0.00	Remaining Early Cost				$4,714.70	$10,730.00	$12,209.00	$7,714.00	$3,576.67				
[Contract No]_241.24 24 INCH REINFORCED CONCRETE PIPE	$135,000.00	$0.00	Remaining Early Cost				$6,179.32	$13,905.00	$16,177.50	$10,215.00	$4,725.00				
[Contract No]_244.12 12 INCH REINFORCED CONCRETE PIPE CLASS V	$171,000.00	$0.00	Remaining Early Cost				$7,909.09	$17,550.00	$20,550.00	$13,200.00	$6,000.00				
[Contract No]_244.15 15 INCH REINFORCED CONCRETE PIPE CLASS V	$56,000.00	$0.00	Remaining Early Cost				$2,522.55	$5,833.33	$6,794.67	$4,312.00	$1,960.00				
[Contract No]_244.18 18 INCH REINFORCED CONCRETE PIPE CLASS V	$178,500.00	$0.00	Remaining Early Cost				$8,179.32	$18,615.00	$21,513.50	$13,651.00	$6,205.00				
[Contract No]_244.24 24 INCH REINFORCED CONCRETE PIPE CLASS V	$128,700.00	$0.00	Remaining Early Cost				$5,920.83	$13,365.00	$15,610.83	$9,863.33	$4,400.00				
[Contract No]_258.0 STONE FOR PIPE ENDS	$11,000.00	$0.00	Remaining Early Cost								$2,800.00				
[Contract No]_303.06 6 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)	$55,200.00	$0.00	Remaining Early Cost												
[Contract No]_303.08 8 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)	$4,500.00	$0.00	Remaining Early Cost												
[Contract No]_303.12 12 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)	$77,700.00	$0.00	Remaining Early Cost												
[Contract No]_309.0 DUCTILE IRON FITTINGS FOR WATER PIPE	$26,000.00	$0.00	Remaining Early Cost												

[CONTRACTOR NAME]
[CONTRACT NO] + [CONTRACT DESCRIPTION]
Section 722 - Construction Scheduling & Projected Spending Report
[SCHEDULE BASIS]

	1-Dec-22	1-Jan-23	1-Feb-23	1-Mar-23	1-Apr-23	1-May-23	1-Jun-23	1-Jul-23	1-Aug-23	1-Sep-23	1-Oct-23
Monthly Projection	$0.00	$0.00	$0.00	$75,283.74	$609,081.11	$252,069.54	$223,431.58	$618,283.20	$508,224.97	$886,566.96	$1,554,928.10
Cumulative Monthly Projection	$14,222,938.15	$14,222,938.15	$14,222,938.15	$14,298,221.89	$14,907,303.00	$15,159,372.54	$15,382,804.12	$16,001,087.32	$16,509,312.29	$17,395,879.25	$18,950,807.35
Monthly Total as % of Bid	0.00%	0.00%	0.00%	0.38%	3.10%	1.28%	1.14%	3.14%	2.58%	4.51%	7.91%
Cumulative Total as % of Bid	72.32%	72.32%	72.32%	72.70%	75.80%	77.08%	78.21%	81.36%	83.94%	88.45%	96.36%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Dec-22	1-Jan-23	1-Feb-23	1-Mar-23	1-Apr-23	1-May-23	1-Jun-23	1-Jul-23	1-Aug-23	1-Sep-23	1-Oct-23
Total	$19,667,628.00	$0.00	Remaining Early Cost				$75,283.74	$609,081.11	$252,069.54	$223,431.58	$618,283.20	$508,224.97	$886,566.96	$1,554,928.10
[Contract No]_100.0 SCHEDULE OF OPERATIONS FIXED PRICE ($95,000)	$95,000.00	$0.00	Remaining Early Cost				$1,822.88	$2,664.21	$3,084.87	$3,084.87	$2,804.43	$3,225.09	$2,804.43	$2,944.65
[Contract No]_101.0 CLEARING AND GRUBBING	$50,000.00	$0.00	Remaining Early Cost											
[Contract No]_102.1 TREE TRIMMING	$7,000.00	$0.00	Remaining Early Cost											
[Contract No]_102.3 CONTROL OF INVASIVE PLANTS	$5,600.00	$0.00	Remaining Early Cost											
[Contract No]_102.33 INVASIVE PLANT MANAGEMENT STRATEGY	$1,500.00	$0.00	Remaining Early Cost											
[Contract No]_102.511 TREE PROECTION ARMORING AND PRUNING	$3,600.00	$0.00	Remaining Early Cost											
[Contract No]_102.521 TEMPORARY TREE PROTECTION FENCE	$5,075.00	$0.00	Remaining Early Cost											
[Contract No]_103.0 TREE REMOVED - DIAMETER UNDER 24 INCHES	$14,400.00	$0.00	Remaining Early Cost											
[Contract No]_104.0 TREE REMOVED - DIAMETER OVER 24 INCHES	$12,000.00	$0.00	Remaining Early Cost											
[Contract No]_105.0 STUMP REMOVED	$2,250.00	$0.00	Remaining Early Cost											
[Contract No]_120.0 EARTH EXCAVATION	$687,500.00	$0.00	Remaining Early Cost											
[Contract No]_121.0 CLASS A ROCK EXCAVATION	$69,000.00	$0.00	Remaining Early Cost											
[Contract No]_123.0 MUCK EXCAVATION	$20,350.00	$0.00	Remaining Early Cost											
[Contract No]_140.0 BRIDGE EXCAVATION	$67,200.00	$0.00	Remaining Early Cost											
[Contract No]_141.0 CLASS A TRENCH EXCAVATION	$9,340.00	$0.00	Remaining Early Cost											
[Contract No]_141.1 TEST PIT FOR EXPLORATION	$9,000.00	$0.00	Remaining Early Cost											
[Contract No]_142.0 CLASS B TRENCH EXCAVATION	$1,250.00	$0.00	Remaining Early Cost											
[Contract No]_144.0 CLASS B ROCK EXCAVATION	$112,500.00	$0.00	Remaining Early Cost											
[Contract No]_146.0 DRAINAGE STRUCTURE REMOVED	$39,900.00	$0.00	Remaining Early Cost											
[Contract No]_150.1 SPECIAL BORROW	$20,480.00	$0.00	Remaining Early Cost											
[Contract No]_151.0 GRAVEL BORROW	$363,000.00	$0.00	Remaining Early Cost											
[Contract No]_151.1 GRAVEL BORROW FOR BRIDGE FOUNDATION	$19,500.00	$0.00	Remaining Early Cost											
[Contract No]_151.2 GRAVEL BORROW FOR BACKFILLING STRUCTURES AND PIPES	$239,700.00	$0.00	Remaining Early Cost											
[Contract No]_154.0 SAND BORROW	$750.00	$0.00	Remaining Early Cost											
[Contract No]_156.0 CRUSHED STONE	$82,250.00	$0.00	Remaining Early Cost											
[Contract No]_156.1 CRUSHED STONE for BRIDGE FOUNDATIONS	$5,800.00	$0.00	Remaining Early Cost											
[Contract No]_170.0 FINE GRADING AND COMPACTING - SUBGRADE	$113,400.00	$0.00	Remaining Early Cost					$9,072.00		$7,938.00	$5,670.00	$4,536.00		
[Contract No]_180.01 HEALTH AND SAFETY PLAN	$25,000.00	$0.00	Remaining Early Cost											
[Contract No]_180.02 PERSONNEL PROTECTION LEVEL C	$700.00	$0.00	Remaining Early Cost				$16.79	$24.54	$28.41	$28.41	$25.83	$29.70	$25.83	$27.12
[Contract No]_180.03 LICENSED SITE PROFESSIONAL	$44,000.00	$0.00	Remaining Early Cost											
[Contract No]_181.11 DISPOSAL OF UNREGULATED SOIL	$2,350.00	$0.00	Remaining Early Cost											
[Contract No]_181.12 DISPOSAL OF REGULATED SOIL IN STATE	$6,800.00	$0.00	Remaining Early Cost											
[Contract No]_181.13 DISPOSAL OF UNREGULATED SOIL OUT OF STATE	$19,000.00	$0.00	Remaining Early Cost											
[Contract No]_181.14 DISPOSAL OF HAZARDOUS WASTE	$8,260.00	$0.00	Remaining Early Cost											
[Contract No]_182.21 ASBESTOS REMOVAL PERMITS	$7,500.00	$0.00	Remaining Early Cost											
[Contract No]_182.22 ASBESTOS REMOVAL PERMITS	$54,075.00	$0.00	Remaining Early Cost											
[Contract No]_183.1 TREATMENT OF CONTAMINATED GROUND WATER	$27,500.00	$0.00	Remaining Early Cost											
[Contract No]_183.2 DISPOSAL OF GRANULAR ACTIVATED CARBON	$2,500.00	$0.00	Remaining Early Cost											
[Contract No]_184.1 DISPOSAL OF TREATED WOOD PRODUCTS	$1,375.00	$0.00	Remaining Early Cost											
[Contract No]_201.3 SPECIAL CATCH BASIN	$590,000.00	$0.00	Remaining Early Cost											
[Contract No]_202.0 MANHOLE	$451,000.00	$0.00	Remaining Early Cost											
[Contract No]_202.11 SPECIAL MANHOLE (10 FT x 8 FT)	$40,000.00	$0.00	Remaining Early Cost											
[Contract No]_202.2 MANHOLE (9 TO 14 FOOT DEPTH)	$34,000.00	$0.00	Remaining Early Cost											
[Contract No]_202.5 MANHOLE 5 FOOT DIAM.	$60,000.00	$0.00	Remaining Early Cost											
[Contract No]_202.6 MANHOLE 6 FOOT DIAM.	$48,000.00	$0.00	Remaining Early Cost											
[Contract No]_202.8 MANHOLE 8 FOOT DIAM.	$52,000.00	$0.00	Remaining Early Cost											
[Contract No]_202.9 MANHOLE 8 FOOT DIAM.	$85,000.00	$0.00	Remaining Early Cost											
[Contract No]_204.11 GUTTER INLET	$29,750.00	$0.00	Remaining Early Cost											
[Contract No]_205.0 LEACHING BASIN	$66,000.00	$0.00	Remaining Early Cost											
[Contract No]_209.1 DROP INLET, TYPE D	$9,800.00	$0.00	Remaining Early Cost											
[Contract No]_220.0 DRAINAGE STRUCTURE ADJUSTED	$99,750.00	$0.00	Remaining Early Cost									$99,750.00		
[Contract No]_220.3 DRAINAGE STRUCTURE CHANGE IN TYPE	$6,000.00	$0.00	Remaining Early Cost											
[Contract No]_220.5 DRAINAGE STRUCTURE REMODELED	$4,500.00	$0.00	Remaining Early Cost											
[Contract No]_220.7 SANITARY STRUCTURE ADJUSTED	$13,825.00	$0.00	Remaining Early Cost											
[Contract No]_220.8 SANITARY STRUCTURE REMODELED	$14,000.00	$0.00	Remaining Early Cost											
[Contract No]_221.0 FRAME AND COVER	$109,600.00	$0.00	Remaining Early Cost											
[Contract No]_222.1 FRAME AND GRATE - MASSDOT CASCADE TYPE	$121,500.00	$0.00	Remaining Early Cost											
[Contract No]_222.2 FRAME AND GRATE - MASSDOT DROP INLET	$1,700.00	$0.00	Remaining Early Cost											
[Contract No]_223.2 FRAME AND GRATE (OR COVER) R&D	$3,075.00	$0.00	Remaining Early Cost											
[Contract No]_224.12 12 INCH HOOD	$87,750.00	$0.00	Remaining Early Cost											
[Contract No]_227.3 REMOVAL OF DRAINAGE STRUCTURE SEDIMENT	$21,000.00	$0.00	Remaining Early Cost											$21,000.00
[Contract No]_227.31 REMOVAL OF DRAINAGE PIPE SEDIMENT	$4,860.00	$0.00	Remaining Early Cost											$4,860.00
[Contract No]_232.4 43 X 27 INCH ACCM PIPE-ARCH 12 GAGE	$11,250.00	$0.00	Remaining Early Cost											
[Contract No]_232.5 50 X 31 INCH ACCM PIPE-ARCH 12 GAGE	$11,275.00	$0.00	Remaining Early Cost											
[Contract No]_238.12 12 INCH DUCTILE IRON PIPE	$180,000.00	$0.00	Remaining Early Cost											
[Contract No]_238.16 16 INCH DUCTILE IRON PIPE	$2,280.00	$0.00	Remaining Early Cost											
[Contract No]_238.24 24 INCH DUCTILE IRON PIPE	$29,900.00	$0.00	Remaining Early Cost											
[Contract No]_241.12 12 INCH REINFORCED CONCRETE PIPE	$212,500.00	$0.00	Remaining Early Cost											
[Contract No]_241.15 15 INCH REINFORCED CONCRETE PIPE	$52,250.00	$0.00	Remaining Early Cost											
[Contract No]_241.18 18 INCH REINFORCED CONCRETE PIPE	$102,080.00	$0.00	Remaining Early Cost											
[Contract No]_241.24 24 INCH REINFORCED CONCRETE PIPE	$135,000.00	$0.00	Remaining Early Cost											
[Contract No]_244.12 12 INCH REINFORCED CONCRETE PIPE CLASS V	$171,000.00	$0.00	Remaining Early Cost											
[Contract No]_244.15 15 INCH REINFORCED CONCRETE PIPE CLASS V	$56,000.00	$0.00	Remaining Early Cost											
[Contract No]_244.18 18 INCH REINFORCED CONCRETE PIPE CLASS V	$178,500.00	$0.00	Remaining Early Cost											
[Contract No]_244.24 24 INCH REINFORCED CONCRETE PIPE CLASS V	$128,700.00	$0.00	Remaining Early Cost											
[Contract No]_258.0 STONE FOR PIPE ENDS	$11,000.00	$0.00	Remaining Early Cost											
[Contract No]_303.06 6 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)	$55,200.00	$0.00	Remaining Early Cost											
[Contract No]_303.08 8 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)	$4,500.00	$0.00	Remaining Early Cost											
[Contract No]_303.12 12 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)	$77,700.00	$0.00	Remaining Early Cost											
[Contract No]_309.0 DUCTILE IRON FITTINGS FOR WATER PIPE	$26,000.00	$0.00	Remaining Early Cost											

[CONTRACTOR NAME]
[CONTRACT NO] + [CONTRACT DESCRIPTION]
Section 722 - Construction Scheduling & Projected Spending Report
[SCHEDULE BASIS]

	1-Nov-23	1-Dec-23	1-Jan-24	1-Feb-24	1-Mar-24	1-Apr-24
Monthly Projection	$412,760.66	$87,248.00	$21,812.00	$0.00	$0.00	$195,000.00
Cumulative Monthly Projection	$19,363,568.01	$19,450,816.01	$19,472,628.01	$19,472,628.01	$19,472,628.01	$19,667,628.01
Monthly Total as % of Bid	2.10%	0.44%	0.11%	0.00%	0.00%	0.99%
Cumulative Total as % of Bid	98.45%	98.90%	99.01%	99.01%	99.01%	100.00%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Nov-23	1-Dec-23	1-Jan-24	1-Feb-24	1-Mar-24	1-Apr-24
Total	$19,667,628.00	$0.00	Remaining Early Cost	$412,760.66	$87,248.00	$21,812.00			$195,000.00
[Contract No]_100.0 SCHEDULE OF OPERATIONS FIXED PRICE ($95,000)	$95,000.00	$0.00	Remaining Early Cost	$1,402.21					
[Contract No]_101.0 CLEARING AND GRUBBING	$50,000.00	$0.00	Remaining Early Cost						
[Contract No]_102.1 TREE TRIMMING	$7,000.00	$0.00	Remaining Early Cost						
[Contract No]_102.3 CONTROL OF INVASIVE PLANTS	$5,600.00	$0.00	Remaining Early Cost						
[Contract No]_102.33 INVASIVE PLANT MANAGEMENT STRATEGY	$1,500.00	$0.00	Remaining Early Cost						
[Contract No]_102.511 TREE PROECTION ARMORING AND PRUNING	$3,600.00	$0.00	Remaining Early Cost						
[Contract No]_102.521 TEMPORARY TREE PROTECTION FENCE	$5,075.00	$0.00	Remaining Early Cost						
[Contract No]_103.0 TREE REMOVED - DIAMETER UNDER 24 INCHES	$14,400.00	$0.00	Remaining Early Cost						
[Contract No]_104.0 TREE REMOVED - DIAMETER OVER 24 INCHES	$12,000.00	$0.00	Remaining Early Cost						
[Contract No]_105.0 STUMP REMOVED	$2,250.00	$0.00	Remaining Early Cost						
[Contract No]_120.0 EARTH EXCAVATION	$687,500.00	$0.00	Remaining Early Cost						
[Contract No]_121.0 CLASS A ROCK EXCAVATION	$69,000.00	$0.00	Remaining Early Cost						
[Contract No]_123.0 MUCK EXCAVATION	$20,350.00	$0.00	Remaining Early Cost						
[Contract No]_140.0 BRIDGE EXCAVATION	$67,200.00	$0.00	Remaining Early Cost						
[Contract No]_141.0 CLASS A TRENCH EXCAVATION	$9,340.00	$0.00	Remaining Early Cost						
[Contract No]_141.1 TEST PIT FOR EXPLORATION	$9,000.00	$0.00	Remaining Early Cost						
[Contract No]_142.0 CLASS B TRENCH EXCAVATION	$1,250.00	$0.00	Remaining Early Cost						
[Contract No]_144.0 CLASS B ROCK EXCAVATION	$112,500.00	$0.00	Remaining Early Cost						
[Contract No]_146.0 DRAINAGE STRUCTURE REMOVED	$39,900.00	$0.00	Remaining Early Cost						
[Contract No]_150.1 SPECIAL BORROW	$20,480.00	$0.00	Remaining Early Cost						
[Contract No]_151.0 GRAVEL BORROW	$363,000.00	$0.00	Remaining Early Cost						
[Contract No]_151.1 GRAVEL BORROW FOR BRIDGE FOUNDATION	$19,500.00	$0.00	Remaining Early Cost						
[Contract No]_151.2 GRAVEL BORROW FOR BACKFILLING STRUCTURES AND PIPES	$239,700.00	$0.00	Remaining Early Cost						
[Contract No]_154.0 SAND BORROW	$750.00	$0.00	Remaining Early Cost						
[Contract No]_156.0 CRUSHED STONE	$82,250.00	$0.00	Remaining Early Cost						
[Contract No]_156.1 CRUSHED STONE for BRIDGE FOUNDATIONS	$5,800.00	$0.00	Remaining Early Cost						
[Contract No]_170.0 FINE GRADING AND COMPACTING - SUBGRADE	$113,400.00	$0.00	Remaining Early Cost						
[Contract No]_180.01 HEALTH AND SAFETY PLAN	$25,000.00	$0.00	Remaining Early Cost						
[Contract No]_180.02 PERSONNEL PROTECTION LEVEL C	$700.00	$0.00	Remaining Early Cost	$12.92					
[Contract No]_180.03 LICENSED SITE PROFESSIONAL	$44,000.00	$0.00	Remaining Early Cost						
[Contract No]_181.11 DISPOSAL OF UNREGULATED SOIL	$2,350.00	$0.00	Remaining Early Cost		$1,880.00	$470.00			
[Contract No]_181.12 DISPOSAL OF REGULATED SOIL IN STATE	$6,800.00	$0.00	Remaining Early Cost		$5,440.00	$1,360.00			
[Contract No]_181.13 DISPOSAL OF UNREGULATED SOIL OUT OF STATE	$19,000.00	$0.00	Remaining Early Cost		$15,200.00	$3,800.00			
[Contract No]_181.14 DISPOSAL OF HAZARDOUS WASTE	$8,260.00	$0.00	Remaining Early Cost		$6,608.00	$1,652.00			
[Contract No]_182.21 ASBESTOS REMOVAL PERMITS	$7,500.00	$0.00	Remaining Early Cost		$6,000.00	$1,500.00			
[Contract No]_182.22 ASBESTOS REMOVAL PERMITS	$54,075.00	$0.00	Remaining Early Cost		$43,260.00	$10,815.00			
[Contract No]_183.1 TREATMENT OF CONTAMINATED GROUND WATER	$27,500.00	$0.00	Remaining Early Cost						
[Contract No]_183.2 DISPOSAL OF GRANULAR ACTIVATED CARBON	$2,500.00	$0.00	Remaining Early Cost		$2,000.00	$500.00			
[Contract No]_184.1 DISPOSAL OF TREATED WOOD PRODUCTS	$1,375.00	$0.00	Remaining Early Cost		$1,100.00	$275.00			
[Contract No]_201.3 SPECIAL CATCH BASIN	$590,000.00	$0.00	Remaining Early Cost						
[Contract No]_202.0 MANHOLE	$451,000.00	$0.00	Remaining Early Cost						
[Contract No]_202.11 SPECIAL MANHOLE (10 FT x 8 FT)	$40,000.00	$0.00	Remaining Early Cost						
[Contract No]_202.2 MANHOLE (9 TO 14 FOOT DEPTH)	$34,000.00	$0.00	Remaining Early Cost						
[Contract No]_202.5 MANHOLE 5 FOOT DIAM.	$60,000.00	$0.00	Remaining Early Cost						
[Contract No]_202.6 MANHOLE 6 FOOT DIAM.	$48,000.00	$0.00	Remaining Early Cost						
[Contract No]_202.8 MANHOLE 8 FOOT DIAM.	$52,000.00	$0.00	Remaining Early Cost						
[Contract No]_202.9 MANHOLE 8 FOOT DIAM.	$85,000.00	$0.00	Remaining Early Cost						
[Contract No]_204.11 GUTTER INLET	$29,750.00	$0.00	Remaining Early Cost						
[Contract No]_205.0 LEACHING BASIN	$66,000.00	$0.00	Remaining Early Cost						
[Contract No]_209.1 DROP INLET, TYPE D	$9,800.00	$0.00	Remaining Early Cost						
[Contract No]_220.0 DRAINAGE STRUCTURE ADJUSTED	$99,750.00	$0.00	Remaining Early Cost						
[Contract No]_220.3 DRAINAGE STRUCTURE CHANGE IN TYPE	$6,000.00	$0.00	Remaining Early Cost						
[Contract No]_220.5 DRAINAGE STRUCTURE REMODELED	$4,500.00	$0.00	Remaining Early Cost						
[Contract No]_220.7 SANITARY STRUCTURE ADJUSTED	$13,825.00	$0.00	Remaining Early Cost						
[Contract No]_220.8 SANITARY STRUCTURE REMODELED	$14,000.00	$0.00	Remaining Early Cost						
[Contract No]_221.0 FRAME AND COVER	$109,600.00	$0.00	Remaining Early Cost						
[Contract No]_222.1 FRAME AND GRATE - MASSDOT CASCADE TYPE	$121,500.00	$0.00	Remaining Early Cost						
[Contract No]_222.2 FRAME AND GRATE - MASSDOT DROP INLET	$1,700.00	$0.00	Remaining Early Cost						
[Contract No]_223.2 FRAME AND GRATE (OR COVER) R&D	$3,075.00	$0.00	Remaining Early Cost						
[Contract No]_224.12 12 INCH HOOD	$87,750.00	$0.00	Remaining Early Cost						
[Contract No]_227.3 REMOVAL OF DRAINAGE STRUCTURE SEDIMENT	$21,000.00	$0.00	Remaining Early Cost						
[Contract No]_227.31 REMOVAL OF DRAINAGE PIPE SEDIMENT	$4,860.00	$0.00	Remaining Early Cost						
[Contract No]_232.4 43 X 27 INCH ACCM PIPE-ARCH 12 GAGE	$11,250.00	$0.00	Remaining Early Cost						
[Contract No]_232.5 50 X 31 INCH ACCM PIPE-ARCH 12 GAGE	$11,275.00	$0.00	Remaining Early Cost						
[Contract No]_238.12 12 INCH DUCTILE IRON PIPE	$180,000.00	$0.00	Remaining Early Cost						
[Contract No]_238.16 16 INCH DUCTILE IRON PIPE	$2,280.00	$0.00	Remaining Early Cost						
[Contract No]_238.24 24 INCH DUCTILE IRON PIPE	$29,900.00	$0.00	Remaining Early Cost						
[Contract No]_241.12 12 INCH REINFORCED CONCRETE PIPE	$212,500.00	$0.00	Remaining Early Cost						
[Contract No]_241.15 15 INCH REINFORCED CONCRETE PIPE	$52,250.00	$0.00	Remaining Early Cost						
[Contract No]_241.18 18 INCH REINFORCED CONCRETE PIPE	$102,080.00	$0.00	Remaining Early Cost						
[Contract No]_241.24 24 INCH REINFORCED CONCRETE PIPE	$135,000.00	$0.00	Remaining Early Cost						
[Contract No]_244.12 12 INCH REINFORCED CONCRETE PIPE CLASS V	$171,000.00	$0.00	Remaining Early Cost						
[Contract No]_244.15 15 INCH REINFORCED CONCRETE PIPE CLASS V	$56,000.00	$0.00	Remaining Early Cost						
[Contract No]_244.18 18 INCH REINFORCED CONCRETE PIPE CLASS V	$178,500.00	$0.00	Remaining Early Cost						
[Contract No]_244.24 24 INCH REINFORCED CONCRETE PIPE CLASS V	$128,700.00	$0.00	Remaining Early Cost						
[Contract No]_258.0 STONE FOR PIPE ENDS	$11,000.00	$0.00	Remaining Early Cost						
[Contract No]_303.06 6 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)	$55,200.00	$0.00	Remaining Early Cost						
[Contract No]_303.08 8 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)	$4,500.00	$0.00	Remaining Early Cost						
[Contract No]_303.12 12 INCH DUCTILE IRON WATER PIPE (MECHANICAL JOINT)	$77,700.00	$0.00	Remaining Early Cost						
[Contract No]_309.0 DUCTILE IRON FITTINGS FOR WATER PIPE	$26,000.00	$0.00	Remaining Early Cost						

[CONTRACTOR NAME]
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Section 722 - Construction Scheduling & Projected Spending Report
[SCHEDULE BASIS]

	1-Nov-20	1-Dec-20	1-Jan-21	1-Feb-21	1-Mar-21	1-Apr-21	1-May-21	1-Jun-21	1-Jul-21	1-Aug-21	1-Sep-21	1-Oct-21	1-Nov-21
Monthly Projection	$25,545.07	$77,720.00	$13,260.00	$16,053.33	$289,487.09	$484,190.10	$1,018,978.45	$554,038.58	$2,713,558.27	$546,680.12	$852,261.41	$925,347.18	$747,810.12
Cumulative Monthly Projection	$25,545.07	$103,265.07	$116,525.07	$132,578.40	$422,065.49	$906,255.59	$1,925,234.04	$2,479,272.62	$5,192,830.89	$5,739,511.01	$6,591,772.42	$7,517,119.60	$8,264,929.72
Monthly Total as % of Bid	0.13%	0.40%	0.07%	0.08%	1.47%	2.46%	5.18%	2.82%	13.80%	2.78%	4.33%	4.70%	3.80%
Cumulative Total as % of Bid	0.13%	0.53%	0.59%	0.67%	2.15%	4.61%	9.79%	12.61%	26.40%	29.18%	33.52%	38.22%	42.02%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Nov-20	1-Dec-20	1-Jan-21	1-Feb-21	1-Mar-21	1-Apr-21	1-May-21	1-Jun-21	1-Jul-21	1-Aug-21	1-Sep-21	1-Oct-21	1-Nov-21
[Contract No]_347.075 3/4 INCH COPPER TUBING TYPE K	$5,530.00	$0.00	Remaining Early Cost							$5,530.00						
[Contract No]_347.1 1 INCH COPPER TUBING TYPE K	$5,600.00	$0.00	Remaining Early Cost							$5,600.00						
[Contract No]_347.125 1-1/4 INCH COPPER TUBING TYPE K	$5,670.00	$0.00	Remaining Early Cost							$5,670.00						
[Contract No]_347.15 1-1/2 INCH COPPER TUBING TYPE K	$5,810.00	$0.00	Remaining Early Cost							$5,810.00						
[Contract No]_347.2 2 INCH COPPER TUBING TYPE K	$6,090.00	$0.00	Remaining Early Cost							$6,090.00						
[Contract No]_349.06 6 INCH GATE VALVE	$9,200.00	$0.00	Remaining Early Cost							$9,200.00						
[Contract No]_349.12 12 INCH GATE VALVE	$4,300.00	$0.00	Remaining Early Cost							$4,300.00						
[Contract No]_357.06 6 INCH GATE BOX	$9,350.00	$0.00	Remaining Early Cost							$9,350.00						
[Contract No]_358.0 GATE BOX ADJUSTED	$33,000.00	$0.00	Remaining Early Cost													
[Contract No]_363.075 3/4 INCH CORPORATION COCK	$275.00	$0.00	Remaining Early Cost													
[Contract No]_363.1 1 INCH CORPORATION COCK	$365.00	$0.00	Remaining Early Cost													
[Contract No]_363.125 1-1/4 INCH CORP COCK	$1,255.00	$0.00	Remaining Early Cost													
[Contract No]_363.15 1-1/2 INCH CORP COCK	$830.00	$0.00	Remaining Early Cost													
[Contract No]_363.175 1-1/2 INCH CORP COCK	$1,365.00	$0.00	Remaining Early Cost													
[Contract No]_363.2 2 INCH CORP COCK	$1,365.00	$0.00	Remaining Early Cost							$1,365.00						
[Contract No]_367.12 12 INCH CAST IRON PLUG	$3,000.00	$0.00	Remaining Early Cost						$3,000.00							
[Contract No]_371.06 6 INCH COUPLING	$24,000.00	$0.00	Remaining Early Cost						$12,000.00	$12,000.00						
[Contract No]_371.08 8 INCH COUPLING	$3,750.00	$0.00	Remaining Early Cost							$3,750.00						
[Contract No]_371.12 12 INCH COUPLING	$10,500.00	$0.00	Remaining Early Cost						$10,500.00							
[Contract No]_373.0 WATER PIPE INSULATION BOARD	$74,200.00	$0.00	Remaining Early Cost							$74,200.00						
[Contract No]_375.06 6 INCH INSERTION VALVE AND BOX	$60,000.00	$0.00	Remaining Early Cost						$30,000.00	$30,000.00						
[Contract No]_375.08 8 INCH INSERTION VALVE AND BOX	$12,000.00	$0.00	Remaining Early Cost							$12,000.00						
[Contract No]_375.12 12 INCH INSERTION VALVE AND BOX	$40,000.00	$0.00	Remaining Early Cost						$40,000.00							
[Contract No]_376.2 HYDRANT REMOVED AND RESET	$32,500.00	$0.00	Remaining Early Cost													
[Contract No]_376.5 HYDRANT ADJUSTED	$1,500.00	$0.00	Remaining Early Cost													
[Contract No]_381.0 SERVICE BOX	$5,850.00	$0.00	Remaining Early Cost													
[Contract No]_381.3 SERVICE BOX ADJUSTED	$6,600.00	$0.00	Remaining Early Cost													
[Contract No]_402.0 DENSE GRADED CRUSHED STONE FOR SUB-BASE	$278,400.00	$0.00	Remaining Early Cost													
[Contract No]_415.3 PAVEMENT MICRO MILLING	$16,055.00	$0.00	Remaining Early Cost													
[Contract No]_440.0 CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	$58,500.00	$0.00	Remaining Early Cost	$1,511.07				$1,403.14	$2,266.61	$2,158.67	$2,374.54	$2,266.61	$2,374.54	$2,266.61	$2,158.67	$2,050.74
[Contract No]_443.0 WATER FOR ROADWAY DUST CONTROL	$11,000.00	$0.00	Remaining Early Cost	$284.13				$263.84	$426.20	$405.90	$446.49	$426.20	$446.49	$426.20	$405.90	$385.61
[Contract No]_450.23 SUPERPAVE SURFACE COURSE - 12.5	$448,140.00	$0.00	Remaining Early Cost													
[Contract No]_450.32 SUPERPAVE INTERMEDIATE COURSE - 19.0	$586,625.00	$0.00	Remaining Early Cost													
[Contract No]_450.42 SUPERPAVE BASE COURSE - 37.5	$880,000.00	$0.00	Remaining Early Cost													
[Contract No]_451.0 HMA FOR PATCHING	$27,000.00	$0.00	Remaining Early Cost							$2,000.00	$1,800.00	$3,000.00	$1,492.31	$2,800.00	$1,944.06	$2,381.82
[Contract No]_452.0 ASPHALT EMULSION FOR TACK COAT	$48,750.00	$0.00	Remaining Early Cost													
[Contract No]_453.0 HMA JOINT SEALANT	$3,850.00	$0.00	Remaining Early Cost													
[Contract No]_472.0 HOT MIX ASPHALT PAVEMENT FOR MISCELLANEOUS WORK	$288,000.00	$0.00	Remaining Early Cost													$288,000.00
[Contract No]_482.5 SAWCUTTING ASPHALT	$840.00	$0.00	Remaining Early Cost													$48.00
[Contract No]_506.0 GRANITE CURB TYPE VB - STRAIGHT	$552,500.00	$0.00	Remaining Early Cost													
[Contract No]_506.1 GRANITE CURB TYPE VB - CURVED	$54,000.00	$0.00	Remaining Early Cost													
[Contract No]_507.0 GRANITE CURB TYPE T100	$37,200.00	$0.00	Remaining Early Cost													
[Contract No]_509.0 GRANITE TRANSITION CURB FOR WCR - STRAIGHT	$53,460.00	$0.00	Remaining Early Cost													
[Contract No]_509.1 GRANITE TRANSITION CURB FOR WCR - CURVED	$28,125.00	$0.00	Remaining Early Cost													
[Contract No]_514.0 GRANITE CURB INLET - STRAIGHT	$33,250.00	$0.00	Remaining Early Cost													
[Contract No]_515.0 GRANITE CURB INLET - CURVED	$8,500.00	$0.00	Remaining Early Cost													
[Contract No]_531.0 TIMBER CURB	$2,160.00	$0.00	Remaining Early Cost													
[Contract No]_580.0 CURB REMOVED AND RESET	$1,400.00	$0.00	Remaining Early Cost													$80.00
[Contract No]_594.0 CURB REMOVED AND DISCARDED	$28,800.00	$0.00	Remaining Early Cost													$1,680.00
[Contract No]_620.12 GUARDRAIL - TL-2 SINGLE FACED	$106,950.00	$0.00	Remaining Early Cost													
[Contract No]_620.32 GUARDRAIL - TL-2 SINGLE FACED CURVED	$9,450.00	$0.00	Remaining Early Cost													
[Contract No]_627.1 STEEL W BEAM TERMINAL SECTION (SINGLE FACED)	$21,600.00	$0.00	Remaining Early Cost													
[Contract No]_627.82 STEEL BEAM HIGHWAY GUARD TANGENT END TREATMENT - TL2	$24,000.00	$0.00	Remaining Early Cost													
[Contract No]_627.92 STEEL BEAM HIGHWAY GUARD FLARED END TREATMENT - TL-2	$8,000.00	$0.00	Remaining Early Cost													
[Contract No]_630.0 HIGHWAY GUARD REMOVED AND RESET	$1,650.00	$0.00	Remaining Early Cost													
[Contract No]_630.2 HIGHWAY GUARD REMOVED AND DISCARDED	$16,500.00	$0.00	Remaining Early Cost													
[Contract No]_655.3 WOOD RAIL FENCE	$26,250.00	$0.00	Remaining Early Cost													
[Contract No]_669.0 FENCE REMOVED AND STACKED	$9,000.00	$0.00	Remaining Early Cost					$9,000.00								
[Contract No]_697.1 SILT SACK	$40,950.00	$0.00	Remaining Early Cost						$40,950.00							
[Contract No]_698.3 GEOTEXTILE FABRIC FOR SEPARATION	$8,400.00	$0.00	Remaining Early Cost													
[Contract No]_701.0 CEMENT CONCRETE SIDEWALK	$331,200.00	$0.00	Remaining Early Cost													
[Contract No]_701.1 CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	$58,750.00	$0.00	Remaining Early Cost													
[Contract No]_701.2 CEMENT CONCRETE WHEELCHAIR RAMP	$75,000.00	$0.00	Remaining Early Cost													
[Contract No]_701.31 STAMPED CEMENT CONCRETE PAVEMENT	$78,625.00	$0.00	Remaining Early Cost													
[Contract No]_702.0 HOT MIX ASPHALT WALK SURFACE	$144,000.00	$0.00	Remaining Early Cost													
[Contract No]_703.9 IMPRINT CROSSWALK SYSTEM	$382,500.00	$0.00	Remaining Early Cost													
[Contract No]_704.2 GRAVEL FOR DRIVEWAYS	$1,350.00	$0.00	Remaining Early Cost													
[Contract No]_705.1 FLAGSTONE WALK REMOVED AND RESET	$500.00	$0.00	Remaining Early Cost													
[Contract No]_711.0 BOUND R&R	$3,250.00	$0.00	Remaining Early Cost													
[Contract No]_712 BOUND R&S	$1,800.00	$0.00	Remaining Early Cost													
[Contract No]_715 RURAL MAILBOX R&R	$7,200.00	$0.00	Remaining Early Cost													
[Contract No]_720 BOULDERS REMOVED AND RESET	$3,000.00	$0.00	Remaining Early Cost													
[Contract No]_740.0 ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A) ($2500/MO)	$83,600.00	$0.00	Remaining Early Cost	$2,102.58	$586.67	$1,393.33	$220.00	$1,952.40	$3,153.87	$3,003.69	$3,304.06	$3,153.87	$3,304.06	$3,153.87	$3,003.69	$2,853.51
[Contract No]_748.0 MOBILIZATION	$585,000.00	$0.00	Remaining Early Cost					$195,000.00								
[Contract No]_751.0 LOAM BORROW	$106,250.00	$0.00	Remaining Early Cost													
[Contract No]_751.2 PLANTING TRENCH SOIL	$15,000.00	$0.00	Remaining Early Cost													
[Contract No]_751.7 COMPOST TOPSOIL	$5,610.00	$0.00	Remaining Early Cost													
[Contract No]_755.35 INLAND WETLAND REPLICATION AREA	$50,000.00	$0.00	Remaining Early Cost								$50,000.00					
[Contract No]_755.75 WETLAND SPECIALIST	$14,000.00	$0.00	Remaining Early Cost								$14,000.00					
[Contract No]_755.76 WETLAND MONITORING	$10,000.00	$0.00	Remaining Early Cost								$10,000.00					
[Contract No]_756.0 NPDES STORMWATER POLLUTION PREVENTION PLAN ($50,000)	$20,000.00	$0.00	Remaining Early Cost		$17,333.33	$2,666.67										

[CONTRACTOR NAME]
[CONTRACT NO] + [CONTRACT DESCRIPTION]
Section 722 - Construction Scheduling & Projected Spending Report
[SCHEDULE BASIS]

	1-Dec-21	1-Jan-22	1-Feb-22	1-Mar-22	1-Apr-22	1-May-22	1-Jun-22	1-Jul-22	1-Aug-22	1-Sep-22	1-Oct-22	1-Nov-22
Monthly Projection	$0.00	$0.00	$0.00	$326,355.77	$996,201.62	$1,098,813.52	$1,084,327.58	$801,120.28	$752,876.56	$216,635.60	$337,052.75	$344,624.75
Cumulative Monthly Projection	$8,264,929.72	$8,264,929.72	$8,264,929.72	$8,591,285.49	$9,587,487.11	$10,686,300.63	$11,770,628.21	$12,571,748.49	$13,324,625.05	$13,541,260.65	$13,878,313.40	$14,222,938.15
Monthly Total as % of Bid	0.00%	0.00%	0.00%	1.66%	5.07%	5.59%	5.51%	4.07%	3.83%	1.10%	1.71%	1.75%
Cumulative Total as % of Bid	42.02%	42.02%	42.02%	43.68%	48.75%	54.33%	59.85%	63.92%	67.75%	68.85%	70.56%	72.32%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Dec-21	1-Jan-22	1-Feb-22	1-Mar-22	1-Apr-22	1-May-22	1-Jun-22	1-Jul-22	1-Aug-22	1-Sep-22	1-Oct-22	1-Nov-22
[Contract No]_347.075 3/4 INCH COPPER TUBING TYPE K	$5,530.00	$0.00	Remaining Early Cost												
[Contract No]_347.1 1 INCH COPPER TUBING TYPE K	$5,600.00	$0.00	Remaining Early Cost												
[Contract No]_347.125 1-1/4 INCH COPPER TUBING TYPE K	$5,670.00	$0.00	Remaining Early Cost												
[Contract No]_347.15 1-1/2 INCH COPPER TUBING TYPE K	$5,810.00	$0.00	Remaining Early Cost												
[Contract No]_347.2 2 INCH COPPER TUBING TYPE K	$6,090.00	$0.00	Remaining Early Cost												
[Contract No]_349.06 6 INCH GATE VALVE	$9,200.00	$0.00	Remaining Early Cost												
[Contract No]_349.12 12 INCH GATE VALVE	$4,300.00	$0.00	Remaining Early Cost												
[Contract No]_357.06 6 INCH GATE BOX	$9,350.00	$0.00	Remaining Early Cost												
[Contract No]_358.0 GATE BOX ADJUSTED	$33,000.00	$0.00	Remaining Early Cost						$8,250.00	$8,250.00					
[Contract No]_363.075 3/4 INCH CORPORATION COCK	$275.00	$0.00	Remaining Early Cost						$110.00	$55.00					
[Contract No]_363.1 1 INCH CORPORATION COCK	$365.00	$0.00	Remaining Early Cost						$73.00	$73.00					
[Contract No]_363.125 1-1/4 INCH CORP COCK	$1,255.00	$0.00	Remaining Early Cost						$502.00	$251.00					
[Contract No]_363.15 1-1/2 INCH CORP COCK	$830.00	$0.00	Remaining Early Cost						$332.00	$166.00					
[Contract No]_363.175 1-1/2 INCH CORP COCK	$1,365.00	$0.00	Remaining Early Cost						$273.00	$273.00					
[Contract No]_363.2 2 INCH CORP COCK	$1,365.00	$0.00	Remaining Early Cost												
[Contract No]_367.12 12 INCH CAST IRON PLUG	$3,000.00	$0.00	Remaining Early Cost												
[Contract No]_371.06 6 INCH COUPLING	$24,000.00	$0.00	Remaining Early Cost												
[Contract No]_371.08 8 INCH COUPLING	$3,750.00	$0.00	Remaining Early Cost												
[Contract No]_371.12 12 INCH COUPLING	$10,500.00	$0.00	Remaining Early Cost												
[Contract No]_373.0 WATER PIPE INSULATION BOARD	$74,200.00	$0.00	Remaining Early Cost												
[Contract No]_375.06 6 INCH INSERTION VALVE AND BOX	$60,000.00	$0.00	Remaining Early Cost												
[Contract No]_375.08 8 INCH INSERTION VALVE AND BOX	$12,000.00	$0.00	Remaining Early Cost												
[Contract No]_375.12 12 INCH INSERTION VALVE AND BOX	$40,000.00	$0.00	Remaining Early Cost												
[Contract No]_376.2 HYDRANT REMOVED AND RESET	$32,500.00	$0.00	Remaining Early Cost						$7,500.00	$7,500.00					
[Contract No]_376.5 HYDRANT ADJUSTED	$1,500.00	$0.00	Remaining Early Cost							$1,500.00					
[Contract No]_381.0 SERVICE BOX	$5,850.00	$0.00	Remaining Early Cost						$1,300.00	$1,300.00					
[Contract No]_381.3 SERVICE BOX ADJUSTED	$6,600.00	$0.00	Remaining Early Cost						$1,650.00	$1,650.00					
[Contract No]_402.0 DENSE GRADED CRUSHED STONE FOR SUB-BASE	$278,400.00	$0.00	Remaining Early Cost				$33,408.00	$27,840.00	$38,976.00	$22,272.00	$11,136.00	$22,272.00	$11,136.00	$11,136.00	$27,840.00
[Contract No]_415.3 PAVEMENT MICRO MILLING	$16,055.00	$0.00	Remaining Early Cost												
[Contract No]_440.0 CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	$58,500.00	$0.00	Remaining Early Cost				$1,403.14	$2,158.67	$2,266.61	$2,374.54	$2,158.67	$2,482.47	$2,266.61	$2,158.67	$2,050.74
[Contract No]_443.0 WATER FOR ROADWAY DUST CONTROL	$11,000.00	$0.00	Remaining Early Cost				$263.84	$405.90	$426.20	$446.49	$405.90	$466.79	$426.20	$405.90	$385.61
[Contract No]_450.23 SUPERPAVE SURFACE COURSE - 12.5	$448,140.00	$0.00	Remaining Early Cost												
[Contract No]_450.32 SUPERPAVE INTERMEDIATE COURSE - 19.0	$586,625.00	$0.00	Remaining Early Cost					$77,900.00	$106,400.00	$57,475.00	$28,500.00	$57,000.00	$9,500.00	$29,450.00	$38,000.00
[Contract No]_450.42 SUPERPAVE BASE COURSE - 37.5	$880,000.00	$0.00	Remaining Early Cost					$140,800.00	$176,000.00	$70,400.00	$35,200.00	$70,400.00	$35,200.00	$35,200.00	$70,400.00
[Contract No]_451.0 HMA FOR PATCHING	$27,000.00	$0.00	Remaining Early Cost				$1,098.48	$3,783.33	$3,033.33	$2,833.33	$833.33				
[Contract No]_452.0 ASPHALT EMULSION FOR TACK COAT	$48,750.00	$0.00	Remaining Early Cost					$7,800.00	$9,750.00	$3,900.00	$1,950.00	$3,900.00	$1,950.00	$1,950.00	$3,900.00
[Contract No]_453.0 HMA JOINT SEALANT	$3,850.00	$0.00	Remaining Early Cost												
[Contract No]_472.0 HOT MIX ASPHALT PAVEMENT FOR MISCELLANEOUS WORK	$288,000.00	$0.00	Remaining Early Cost												
[Contract No]_482.5 SAWCUTTING ASPHALT	$840.00	$0.00	Remaining Early Cost				$24.00	$108.00	$78.00	$48.00	$150.00	$78.00	$48.00	$60.00	$42.00
[Contract No]_506.0 GRANITE CURB TYPE VB - STRAIGHT	$552,500.00	$0.00	Remaining Early Cost					$25,551.00	$35,785.00	$61,404.00	$119,362.67	$71,638.00	$13,645.33	$40,936.00	$40,936.00
[Contract No]_506.1 GRANITE CURB TYPE VB - CURVED	$54,000.00	$0.00	Remaining Early Cost					$2,531.25	$3,498.75	$5,940.00	$11,640.00	$7,020.00	$1,320.00	$4,050.00	$4,005.00
[Contract No]_507.0 GRANITE CURB TYPE T100	$37,200.00	$0.00	Remaining Early Cost					$1,740.00	$2,100.00	$4,320.00	$8,400.00	$5,040.00	$960.00	$2,760.00	$2,640.00
[Contract No]_509.0 GRANITE TRANSITION CURB FOR WCR - STRAIGHT	$53,460.00	$0.00	Remaining Early Cost					$2,475.00	$3,465.00	$5,940.00	$11,550.00	$6,930.00	$1,320.00	$3,960.00	$3,960.00
[Contract No]_509.1 GRANITE TRANSITION CURB FOR WCR - CURVED	$28,125.00	$0.00	Remaining Early Cost					$1,293.75	$1,811.25	$3,105.00	$6,082.50	$3,622.50	$690.00	$2,070.00	$2,070.00
[Contract No]_514.0 GRANITE CURB INLET - STRAIGHT	$33,250.00	$0.00	Remaining Early Cost					$1,662.50	$2,187.50	$3,850.00	$7,466.67	$4,550.00	$933.33	$2,450.00	$2,100.00
[Contract No]_515.0 GRANITE CURB INLET - CURVED	$8,500.00	$0.00	Remaining Early Cost					$425.00	$425.00	$1,275.00	$2,479.17	$1,487.50	$283.33	$425.00	$425.00
[Contract No]_531.0 TIMBER CURB	$2,160.00	$0.00	Remaining Early Cost						$1,200.00			$320.00	$640.00		
[Contract No]_580.0 CURB REMOVED AND RESET	$1,400.00	$0.00	Remaining Early Cost				$100.00	$200.00	$120.00	$60.00	$108.00	$72.00	$60.00	$120.00	$120.00
[Contract No]_594.0 CURB REMOVED AND DISCARDED	$28,800.00	$0.00	Remaining Early Cost				$2,100.00	$3,720.00	$2,520.00	$1,260.00	$2,268.00	$1,512.00	$1,200.00	$2,520.00	$2,460.00
[Contract No]_620.12 GUARDRAIL - TL-2 SINGLE FACED	$106,950.00	$0.00	Remaining Early Cost												
[Contract No]_620.32 GUARDRAIL - TL-2 SINGLE FACED CURVED	$9,450.00	$0.00	Remaining Early Cost												
[Contract No]_627.1 STEEL W BEAM TERMINAL SECTION (SINGLE FACED)	$21,600.00	$0.00	Remaining Early Cost												
[Contract No]_627.82 STEEL BEAM HIGHWAY GUARD TANGENT END TREATMENT - TL2	$24,000.00	$0.00	Remaining Early Cost												
[Contract No]_627.92 STEEL BEAM HIGHWAY GUARD FLARED END TREATMENT - TL-2	$8,000.00	$0.00	Remaining Early Cost												
[Contract No]_630.0 HIGHWAY GUARD REMOVED AND RESET	$1,650.00	$0.00	Remaining Early Cost												
[Contract No]_630.2 HIGHWAY GUARD REMOVED AND DISCARDED	$16,500.00	$0.00	Remaining Early Cost												
[Contract No]_655.3 WOOD RAIL FENCE	$26,250.00	$0.00	Remaining Early Cost												
[Contract No]_669.0 FENCE REMOVED AND STACKED	$9,000.00	$0.00	Remaining Early Cost												
[Contract No]_697.1 SILT SACK	$40,950.00	$0.00	Remaining Early Cost												
[Contract No]_698.3 GEOTEXTILE FABRIC FOR SEPARATION	$8,400.00	$0.00	Remaining Early Cost												
[Contract No]_701.0 CEMENT CONCRETE SIDEWALK	$331,200.00	$0.00	Remaining Early Cost					$13,248.00	$13,248.00	$26,496.00	$66,240.00	$39,744.00	$26,496.00	$26,496.00	$13,248.00
[Contract No]_701.1 CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	$58,750.00	$0.00	Remaining Early Cost					$2,350.00	$2,350.00	$4,700.00	$11,750.00	$7,050.00	$4,700.00	$4,700.00	$2,350.00
[Contract No]_701.2 CEMENT CONCRETE WHEELCHAIR RAMP	$75,000.00	$0.00	Remaining Early Cost					$587.50	$6,462.50	$3,525.00	$4,800.00	$12,975.00	$7,500.00	$7,125.00	$881.25
[Contract No]_701.31 STAMPED CEMENT CONCRETE PAVEMENT	$78,625.00	$0.00	Remaining Early Cost					$647.50	$7,122.50	$3,700.00	$5,118.33	$13,751.67	$7,400.00	$7,400.00	$925.00
[Contract No]_702.0 HOT MIX ASPHALT WALK SURFACE	$144,000.00	$0.00	Remaining Early Cost												
[Contract No]_703.9 IMPRINT CROSSWALK SYSTEM	$382,500.00	$0.00	Remaining Early Cost												
[Contract No]_704.2 GRAVEL FOR DRIVEWAYS	$1,350.00	$0.00	Remaining Early Cost												
[Contract No]_705.1 FLAGSTONE WALK REMOVED AND RESET	$500.00	$0.00	Remaining Early Cost												
[Contract No]_711.0 BOUND R&R	$3,250.00	$0.00	Remaining Early Cost												
[Contract No]_712 BOUND R&S	$1,800.00	$0.00	Remaining Early Cost												
[Contract No]_715 RURAL MAILBOX R&R	$7,200.00	$0.00	Remaining Early Cost												
[Contract No]_720 BOULDERS REMOVED AND RESET	$3,000.00	$0.00	Remaining Early Cost												
[Contract No]_740.0 ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A) ($2500/MO)	$83,600.00	$0.00	Remaining Early Cost				$1,952.40	$3,003.69	$3,153.87	$3,304.06	$3,003.69	$3,454.24	$3,153.87	$3,003.69	$2,853.51
[Contract No]_748.0 MOBILIZATION	$585,000.00	$0.00	Remaining Early Cost												
[Contract No]_751.0 LOAM BORROW	$106,250.00	$0.00	Remaining Early Cost												
[Contract No]_751.2 PLANTING TRENCH SOIL	$15,000.00	$0.00	Remaining Early Cost												
[Contract No]_751.7 COMPOST TOPSOIL	$5,610.00	$0.00	Remaining Early Cost												
[Contract No]_755.35 INLAND WETLAND REPLICATION AREA	$50,000.00	$0.00	Remaining Early Cost												
[Contract No]_755.75 WETLAND SPECIALIST	$14,000.00	$0.00	Remaining Early Cost												
[Contract No]_755.76 WETLAND MONITORING	$10,000.00	$0.00	Remaining Early Cost												
[Contract No]_756.0 NPDES STORMWATER POLLUTION PREVENTION PLAN ($50,000)	$20,000.00	$0.00	Remaining Early Cost												

[CONTRACTOR NAME]
[CONTRACT NO] + [CONTRACT DESCRIPTION]
Section 722 - Construction Scheduling & Projected Spending Report
[SCHEDULE BASIS]

	1-Dec-22	1-Jan-23	1-Feb-23	1-Mar-23	1-Apr-23	1-May-23	1-Jun-23	1-Jul-23	1-Aug-23	1-Sep-23	1-Oct-23
Monthly Projection	$0.00	$0.00	$0.00	$75,283.74	$609,081.11	$252,069.54	$223,431.58	$618,283.20	$508,224.97	$886,566.96	$1,554,928.10
Cumulative Monthly Projection	$14,222,938.15	$14,222,938.15	$14,222,938.15	$14,298,221.89	$14,907,303.00	$15,159,372.54	$15,382,804.12	$16,001,087.32	$16,509,312.29	$17,395,879.25	$18,950,807.35
Monthly Total as % of Bid	0.00%	0.00%	0.00%	0.38%	3.10%	1.28%	1.14%	3.14%	2.58%	4.51%	7.91%
Cumulative Total as % of Bid	72.32%	72.32%	72.32%	72.70%	75.80%	77.08%	78.21%	81.36%	83.94%	88.45%	96.36%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Dec-22	1-Jan-23	1-Feb-23	1-Mar-23	1-Apr-23	1-May-23	1-Jun-23	1-Jul-23	1-Aug-23	1-Sep-23	1-Oct-23
[Contract No]_347.075 3/4 INCH COPPER TUBING TYPE K	$5,530.00	$0.00	Remaining Early Cost											
[Contract No]_347.1 1 INCH COPPER TUBING TYPE K	$5,600.00	$0.00	Remaining Early Cost											
[Contract No]_347.125 1-1/4 INCH COPPER TUBING TYPE K	$5,670.00	$0.00	Remaining Early Cost											
[Contract No]_347.15 1-1/2 INCH COPPER TUBING TYPE K	$5,810.00	$0.00	Remaining Early Cost											
[Contract No]_347.2 2 INCH COPPER TUBING TYPE K	$6,090.00	$0.00	Remaining Early Cost											
[Contract No]_349.06 6 INCH GATE VALVE	$9,200.00	$0.00	Remaining Early Cost											
[Contract No]_349.12 12 INCH GATE VALVE	$4,300.00	$0.00	Remaining Early Cost											
[Contract No]_357.06 6 INCH GATE BOX	$9,350.00	$0.00	Remaining Early Cost											
[Contract No]_358.0 GATE BOX ADJUSTED	$33,000.00	$0.00	Remaining Early Cost					$8,250.00		$8,250.00				
[Contract No]_363.075 3/4 INCH CORPORATION COCK	$275.00	$0.00	Remaining Early Cost					$55.00		$55.00				
[Contract No]_363.1 1 INCH CORPORATION COCK	$365.00	$0.00	Remaining Early Cost					$73.00		$146.00				
[Contract No]_363.125 1-1/4 INCH CORP COCK	$1,255.00	$0.00	Remaining Early Cost					$251.00		$251.00				
[Contract No]_363.15 1-1/2 INCH CORP COCK	$830.00	$0.00	Remaining Early Cost					$166.00		$166.00				
[Contract No]_363.175 1-1/2 INCH CORP COCK	$1,365.00	$0.00	Remaining Early Cost					$546.00		$273.00				
[Contract No]_363.2 2 INCH CORP COCK	$1,365.00	$0.00	Remaining Early Cost											
[Contract No]_367.12 12 INCH CAST IRON PLUG	$3,000.00	$0.00	Remaining Early Cost											
[Contract No]_371.06 6 INCH COUPLING	$24,000.00	$0.00	Remaining Early Cost											
[Contract No]_371.08 8 INCH COUPLING	$3,750.00	$0.00	Remaining Early Cost											
[Contract No]_371.12 12 INCH COUPLING	$10,500.00	$0.00	Remaining Early Cost											
[Contract No]_373.0 WATER PIPE INSULATION BOARD	$74,200.00	$0.00	Remaining Early Cost											
[Contract No]_375.06 6 INCH INSERTION VALVE AND BOX	$60,000.00	$0.00	Remaining Early Cost											
[Contract No]_375.08 8 INCH INSERTION VALVE AND BOX	$12,000.00	$0.00	Remaining Early Cost											
[Contract No]_375.12 12 INCH INSERTION VALVE AND BOX	$40,000.00	$0.00	Remaining Early Cost											
[Contract No]_376.2 HYDRANT REMOVED AND RESET	$32,500.00	$0.00	Remaining Early Cost					$10,000.00		$7,500.00				
[Contract No]_376.5 HYDRANT ADJUSTED	$1,500.00	$0.00	Remaining Early Cost											
[Contract No]_381.0 SERVICE BOX	$5,850.00	$0.00	Remaining Early Cost					$1,950.00		$1,300.00				
[Contract No]_381.3 SERVICE BOX ADJUSTED	$6,600.00	$0.00	Remaining Early Cost					$1,650.00		$1,650.00				
[Contract No]_402.0 DENSE GRADED CRUSHED STONE FOR SUB-BASE	$278,400.00	$0.00	Remaining Early Cost				$5,568.00	$22,272.00		$11,136.00	$22,272.00	$11,136.00		
[Contract No]_415.3 PAVEMENT MICRO MILLING	$16,055.00	$0.00	Remaining Early Cost										$16,055.00	
[Contract No]_440.0 CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	$58,500.00	$0.00	Remaining Early Cost				$1,403.14	$2,050.74	$2,374.54	$2,374.54	$2,158.67	$2,482.47	$2,158.67	$2,266.61
[Contract No]_443.0 WATER FOR ROADWAY DUST CONTROL	$11,000.00	$0.00	Remaining Early Cost				$263.84	$385.61	$446.49	$446.49	$405.90	$466.79	$405.90	$426.20
[Contract No]_450.23 SUPERPAVE SURFACE COURSE - 12.5	$448,140.00	$0.00	Remaining Early Cost											$448,140.00
[Contract No]_450.32 SUPERPAVE INTERMEDIATE COURSE - 19.0	$586,625.00	$0.00	Remaining Early Cost					$67,450.00		$28,500.00	$57,000.00	$29,450.00		
[Contract No]_450.42 SUPERPAVE BASE COURSE - 37.5	$880,000.00	$0.00	Remaining Early Cost					$105,600.00		$35,200.00	$70,400.00	$35,200.00		
[Contract No]_451.0 HMA FOR PATCHING	$27,000.00	$0.00	Remaining Early Cost											
[Contract No]_452.0 ASPHALT EMULSION FOR TACK COAT	$48,750.00	$0.00	Remaining Early Cost					$5,850.00		$1,950.00	$3,900.00	$1,950.00		
[Contract No]_453.0 HMA JOINT SEALANT	$3,850.00	$0.00	Remaining Early Cost											$3,850.00
[Contract No]_472.0 HOT MIX ASPHALT PAVEMENT FOR MISCELLANEOUS WORK	$288,000.00	$0.00	Remaining Early Cost											
[Contract No]_482.5 SAWCUTTING ASPHALT	$840.00	$0.00	Remaining Early Cost				$30.00	$30.00		$48.00	$48.00			
[Contract No]_506.0 GRANITE CURB TYPE VB - STRAIGHT	$552,500.00	$0.00	Remaining Early Cost					$40,902.00	$20,468.00	$20,468.00	$35,819.00	$25,585.00		
[Contract No]_506.1 GRANITE CURB TYPE VB - CURVED	$54,000.00	$0.00	Remaining Early Cost					$3,960.00	$1,980.00	$2,025.00	$3,510.00	$2,520.00		
[Contract No]_507.0 GRANITE CURB TYPE T100	$37,200.00	$0.00	Remaining Early Cost					$2,640.00	$1,200.00	$1,440.00	$2,340.00	$1,620.00		
[Contract No]_509.0 GRANITE TRANSITION CURB FOR WCR - STRAIGHT	$53,460.00	$0.00	Remaining Early Cost					$3,960.00	$1,980.00	$1,980.00	$3,465.00	$2,475.00		
[Contract No]_509.1 GRANITE TRANSITION CURB FOR WCR - CURVED	$28,125.00	$0.00	Remaining Early Cost					$2,115.00	$1,035.00	$1,035.00	$1,856.25	$1,338.75		
[Contract No]_514.0 GRANITE CURB INLET - STRAIGHT	$33,250.00	$0.00	Remaining Early Cost					$2,450.00	$1,050.00	$1,050.00	$1,837.50	$1,662.50		
[Contract No]_515.0 GRANITE CURB INLET - CURVED	$8,500.00	$0.00	Remaining Early Cost							$425.00	$425.00	$425.00		
[Contract No]_531.0 TIMBER CURB	$2,160.00	$0.00	Remaining Early Cost											
[Contract No]_580.0 CURB REMOVED AND RESET	$1,400.00	$0.00	Remaining Early Cost				$60.00	$60.00		$120.00	$90.00	$30.00		
[Contract No]_594.0 CURB REMOVED AND DISCARDED	$28,800.00	$0.00	Remaining Early Cost				$1,260.00	$1,260.00		$2,520.00	$1,890.00	$630.00		
[Contract No]_620.12 GUARDRAIL - TL-2 SINGLE FACED	$106,950.00	$0.00	Remaining Early Cost									$84,032.14	$22,917.86	
[Contract No]_620.32 GUARDRAIL - TL-2 SINGLE FACED CURVED	$9,450.00	$0.00	Remaining Early Cost									$7,425.00	$2,025.00	
[Contract No]_627.1 STEEL W BEAM TERMINAL SECTION (SINGLE FACED)	$21,600.00	$0.00	Remaining Early Cost									$16,971.43	$4,628.57	
[Contract No]_627.82 STEEL BEAM HIGHWAY GUARD TANGENT END TREATMENT - TL2	$24,000.00	$0.00	Remaining Early Cost									$18,857.14	$5,142.86	
[Contract No]_627.92 STEEL BEAM HIGHWAY GUARD FLARED END TREATMENT - TL-2	$8,000.00	$0.00	Remaining Early Cost									$6,285.71	$1,714.29	
[Contract No]_630.0 HIGHWAY GUARD REMOVED AND RESET	$1,650.00	$0.00	Remaining Early Cost									$1,296.43	$353.57	
[Contract No]_630.2 HIGHWAY GUARD REMOVED AND DISCARDED	$16,500.00	$0.00	Remaining Early Cost									$12,964.29	$3,535.71	
[Contract No]_655.3 WOOD RAIL FENCE	$26,250.00	$0.00	Remaining Early Cost										$8,750.00	$17,500.00
[Contract No]_669.0 FENCE REMOVED AND STACKED	$9,000.00	$0.00	Remaining Early Cost											
[Contract No]_697.1 SILT SACK	$40,950.00	$0.00	Remaining Early Cost											
[Contract No]_698.3 GEOTEXTILE FABRIC FOR SEPARATION	$8,400.00	$0.00	Remaining Early Cost										$2,100.00	$6,300.00
[Contract No]_701.0 CEMENT CONCRETE SIDEWALK	$331,200.00	$0.00	Remaining Early Cost				$13,248.00	$24,840.00	$14,904.00		$16,560.00	$24,840.00	$11,592.00	
[Contract No]_701.1 CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	$58,750.00	$0.00	Remaining Early Cost				$2,350.00	$4,406.25	$2,643.75		$2,937.50	$4,406.25	$2,056.25	
[Contract No]_701.2 CEMENT CONCRETE WHEELCHAIR RAMP	$75,000.00	$0.00	Remaining Early Cost				$4,186.61	$4,921.21	$6,635.94	$1,225.00	$3,525.00	$7,125.00	$3,525.00	
[Contract No]_701.31 STAMPED CEMENT CONCRETE PAVEMENT	$78,625.00	$0.00	Remaining Early Cost				$4,360.71	$5,270.85	$6,895.10	$1,233.33	$3,700.00	$7,400.00	$3,700.00	
[Contract No]_702.0 HOT MIX ASPHALT WALK SURFACE	$144,000.00	$0.00	Remaining Early Cost											$144,000.00
[Contract No]_703.9 IMPRINT CROSSWALK SYSTEM	$382,500.00	$0.00	Remaining Early Cost											
[Contract No]_704.2 GRAVEL FOR DRIVEWAYS	$1,350.00	$0.00	Remaining Early Cost											$1,350.00
[Contract No]_705.1 FLAGSTONE WALK REMOVED AND RESET	$500.00	$0.00	Remaining Early Cost											$500.00
[Contract No]_711.0 BOUND R&R	$3,250.00	$0.00	Remaining Early Cost										$3,250.00	
[Contract No]_712 BOUND R&S	$1,800.00	$0.00	Remaining Early Cost										$1,800.00	
[Contract No]_715 RURAL MAILBOX R&R	$7,200.00	$0.00	Remaining Early Cost											
[Contract No]_720 BOULDERS REMOVED AND RESET	$3,000.00	$0.00	Remaining Early Cost										$600.00	$2,400.00
[Contract No]_740.0 ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A) ($2500/MO)	$83,600.00	$0.00	Remaining Early Cost				$1,952.40	$2,853.51	$3,304.06	$3,304.06	$3,003.69	$3,454.24	$3,003.69	$3,153.87
[Contract No]_748.0 MOBILIZATION	$585,000.00	$0.00	Remaining Early Cost					$158,437.50	$36,562.50					
[Contract No]_751.0 LOAM BORROW	$106,250.00	$0.00	Remaining Early Cost										$26,562.50	$79,687.50
[Contract No]_751.2 PLANTING TRENCH SOIL	$15,000.00	$0.00	Remaining Early Cost										$3,000.00	$12,000.00
[Contract No]_751.7 COMPOST TOPSOIL	$5,610.00	$0.00	Remaining Early Cost										$1,122.00	$4,488.00
[Contract No]_755.35 INLAND WETLAND REPLICATION AREA	$50,000.00	$0.00	Remaining Early Cost											
[Contract No]_755.75 WETLAND SPECIALIST	$14,000.00	$0.00	Remaining Early Cost											
[Contract No]_755.76 WETLAND MONITORING	$10,000.00	$0.00	Remaining Early Cost											
[Contract No]_756.0 NPDES STORMWATER POLLUTION PREVENTION PLAN ($50,000)	$20,000.00	$0.00	Remaining Early Cost											

[CONTRACTOR NAME]
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Section 722 - Construction Scheduling & Projected Spending Report
[SCHEDULE BASIS]

	1-Nov-23	1-Dec-23	1-Jan-24	1-Feb-24	1-Mar-24	1-Apr-24
Monthly Projection	$412,760.66	$87,248.00	$21,812.00	$0.00	$0.00	$195,000.00
Cumulative Monthly Projection	$19,363,568.01	$19,450,816.01	$19,472,628.01	$19,472,628.01	$19,472,628.01	$19,667,628.01
Monthly Total as % of Bid	2.10%	0.44%	0.11%	0.00%	0.00%	0.99%
Cumulative Total as % of Bid	98.45%	98.90%	99.01%	99.01%	99.01%	100.00%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Nov-23	1-Dec-23	1-Jan-24	1-Feb-24	1-Mar-24	1-Apr-24
[Contract No]_347.075 3/4 INCH COPPER TUBING TYPE K	$5,530.00	$0.00	Remaining Early Cost						
[Contract No]_347.1 1 INCH COPPER TUBING TYPE K	$5,600.00	$0.00	Remaining Early Cost						
[Contract No]_347.125 1-1/4 INCH COPPER TUBING TYPE K	$5,670.00	$0.00	Remaining Early Cost						
[Contract No]_347.15 1-1/2 INCH COPPER TUBING TYPE K	$5,810.00	$0.00	Remaining Early Cost						
[Contract No]_347.2 2 INCH COPPER TUBING TYPE K	$6,090.00	$0.00	Remaining Early Cost						
[Contract No]_349.06 6 INCH GATE VALVE	$9,200.00	$0.00	Remaining Early Cost						
[Contract No]_349.12 12 INCH GATE VALVE	$4,300.00	$0.00	Remaining Early Cost						
[Contract No]_357.06 6 INCH GATE BOX	$9,350.00	$0.00	Remaining Early Cost						
[Contract No]_358.0 GATE BOX ADJUSTED	$33,000.00	$0.00	Remaining Early Cost						
[Contract No]_363.075 3/4 INCH CORPORATION COCK	$275.00	$0.00	Remaining Early Cost						
[Contract No]_363.1 1 INCH CORPORATION COCK	$365.00	$0.00	Remaining Early Cost						
[Contract No]_363.125 1-1/4 INCH CORP COCK	$1,255.00	$0.00	Remaining Early Cost						
[Contract No]_363.15 1-1/2 INCH CORP COCK	$830.00	$0.00	Remaining Early Cost						
[Contract No]_363.175 1-1/2 INCH CORP COCK	$1,365.00	$0.00	Remaining Early Cost						
[Contract No]_363.2 2 INCH CORP COCK	$1,365.00	$0.00	Remaining Early Cost						
[Contract No]_367.12 12 INCH CAST IRON PLUG	$3,000.00	$0.00	Remaining Early Cost						
[Contract No]_371.06 6 INCH COUPLING	$24,000.00	$0.00	Remaining Early Cost						
[Contract No]_371.08 8 INCH COUPLING	$3,750.00	$0.00	Remaining Early Cost						
[Contract No]_371.12 12 INCH COUPLING	$10,500.00	$0.00	Remaining Early Cost						
[Contract No]_373.0 WATER PIPE INSULATION BOARD	$74,200.00	$0.00	Remaining Early Cost						
[Contract No]_375.06 6 INCH INSERTION VALVE AND BOX	$60,000.00	$0.00	Remaining Early Cost						
[Contract No]_375.08 8 INCH INSERTION VALVE AND BOX	$12,000.00	$0.00	Remaining Early Cost						
[Contract No]_375.12 12 INCH INSERTION VALVE AND BOX	$40,000.00	$0.00	Remaining Early Cost						
[Contract No]_376.2 HYDRANT REMOVED AND RESET	$32,500.00	$0.00	Remaining Early Cost						
[Contract No]_376.5 HYDRANT ADJUSTED	$1,500.00	$0.00	Remaining Early Cost						
[Contract No]_381.0 SERVICE BOX	$5,850.00	$0.00	Remaining Early Cost						
[Contract No]_381.3 SERVICE BOX ADJUSTED	$6,600.00	$0.00	Remaining Early Cost						
[Contract No]_402.0 DENSE GRADED CRUSHED STONE FOR SUB-BASE	$278,400.00	$0.00	Remaining Early Cost						
[Contract No]_415.3 PAVEMENT MICRO MILLING	$16,055.00	$0.00	Remaining Early Cost						
[Contract No]_440.0 CALCIUM CHLORIDE FOR ROADWAY DUST CONTROL	$58,500.00	$0.00	Remaining Early Cost	$1,079.34					
[Contract No]_443.0 WATER FOR ROADWAY DUST CONTROL	$11,000.00	$0.00	Remaining Early Cost	$202.95					
[Contract No]_450.23 SUPERPAVE SURFACE COURSE - 12.5	$448,140.00	$0.00	Remaining Early Cost						
[Contract No]_450.32 SUPERPAVE INTERMEDIATE COURSE - 19.0	$586,625.00	$0.00	Remaining Early Cost						
[Contract No]_450.42 SUPERPAVE BASE COURSE - 37.5	$880,000.00	$0.00	Remaining Early Cost						
[Contract No]_451.0 HMA FOR PATCHING	$27,000.00	$0.00	Remaining Early Cost						
[Contract No]_452.0 ASPHALT EMULSION FOR TACK COAT	$48,750.00	$0.00	Remaining Early Cost						
[Contract No]_453.0 HMA JOINT SEALANT	$3,850.00	$0.00	Remaining Early Cost						
[Contract No]_472.0 HOT MIX ASPHALT PAVEMENT FOR MISCELLANEOUS WORK	$288,000.00	$0.00	Remaining Early Cost						
[Contract No]_482.5 SAWCUTTING ASPHALT	$840.00	$0.00	Remaining Early Cost						
[Contract No]_506.0 GRANITE CURB TYPE VB - STRAIGHT	$552,500.00	$0.00	Remaining Early Cost						
[Contract No]_506.1 GRANITE CURB TYPE VB - CURVED	$54,000.00	$0.00	Remaining Early Cost						
[Contract No]_507.0 GRANITE CURB TYPE T100	$37,200.00	$0.00	Remaining Early Cost						
[Contract No]_509.0 GRANITE TRANSITION CURB FOR WCR - STRAIGHT	$53,460.00	$0.00	Remaining Early Cost						
[Contract No]_509.1 GRANITE TRANSITION CURB FOR WCR - CURVED	$28,125.00	$0.00	Remaining Early Cost						
[Contract No]_514.0 GRANITE CURB INLET - STRAIGHT	$33,250.00	$0.00	Remaining Early Cost						
[Contract No]_515.0 GRANITE CURB INLET - CURVED	$8,500.00	$0.00	Remaining Early Cost						
[Contract No]_531.0 TIMBER CURB	$2,160.00	$0.00	Remaining Early Cost						
[Contract No]_580.0 CURB REMOVED AND RESET	$1,400.00	$0.00	Remaining Early Cost						
[Contract No]_594.0 CURB REMOVED AND DISCARDED	$28,800.00	$0.00	Remaining Early Cost						
[Contract No]_620.12 GUARDRAIL - TL-2 SINGLE FACED	$106,950.00	$0.00	Remaining Early Cost						
[Contract No]_620.32 GUARDRAIL - TL-2 SINGLE FACED CURVED	$9,450.00	$0.00	Remaining Early Cost						
[Contract No]_627.1 STEEL W BEAM TERMINAL SECTION (SINGLE FACED)	$21,600.00	$0.00	Remaining Early Cost						
[Contract No]_627.82 STEEL BEAM HIGHWAY GUARD TANGENT END TREATMENT - TL2	$24,000.00	$0.00	Remaining Early Cost						
[Contract No]_627.92 STEEL BEAM HIGHWAY GUARD FLARED END TREATMENT - TL-2	$8,000.00	$0.00	Remaining Early Cost						
[Contract No]_630.0 HIGHWAY GUARD REMOVED AND RESET	$1,650.00	$0.00	Remaining Early Cost						
[Contract No]_630.2 HIGHWAY GUARD REMOVED AND DISCARDED	$16,500.00	$0.00	Remaining Early Cost						
[Contract No]_655.3 WOOD RAIL FENCE	$26,250.00	$0.00	Remaining Early Cost						
[Contract No]_669.0 FENCE REMOVED AND STACKED	$9,000.00	$0.00	Remaining Early Cost						
[Contract No]_697.1 SILT SACK	$40,950.00	$0.00	Remaining Early Cost						
[Contract No]_698.3 GEOTEXTILE FABRIC FOR SEPARATION	$8,400.00	$0.00	Remaining Early Cost						
[Contract No]_701.0 CEMENT CONCRETE SIDEWALK	$331,200.00	$0.00	Remaining Early Cost						
[Contract No]_701.1 CEMENT CONCRETE SIDEWALK AT DRIVEWAYS	$58,750.00	$0.00	Remaining Early Cost						
[Contract No]_701.2 CEMENT CONCRETE WHEELCHAIR RAMP	$75,000.00	$0.00	Remaining Early Cost						
[Contract No]_701.31 STAMPED CEMENT CONCRETE PAVEMENT	$78,625.00	$0.00	Remaining Early Cost						
[Contract No]_702.0 HOT MIX ASPHALT WALK SURFACE	$144,000.00	$0.00	Remaining Early Cost						
[Contract No]_703.9 IMPRINT CROSSWALK SYSTEM	$382,500.00	$0.00	Remaining Early Cost	$382,500.00					
[Contract No]_704.2 GRAVEL FOR DRIVEWAYS	$1,350.00	$0.00	Remaining Early Cost						
[Contract No]_705.1 FLAGSTONE WALK REMOVED AND RESET	$500.00	$0.00	Remaining Early Cost						
[Contract No]_711.0 BOUND R&R	$3,250.00	$0.00	Remaining Early Cost						
[Contract No]_712 BOUND R&S	$1,800.00	$0.00	Remaining Early Cost						
[Contract No]_715 RURAL MAILBOX R&R	$7,200.00	$0.00	Remaining Early Cost		$5,760.00	$1,440.00			
[Contract No]_720 BOULDERS REMOVED AND RESET	$3,000.00	$0.00	Remaining Early Cost						
[Contract No]_740.0 ENGINEERS FIELD OFFICE AND EQUIPMENT (TYPE A) ($2500/MO)	$83,600.00	$0.00	Remaining Early Cost	$1,501.85					
[Contract No]_748.0 MOBILIZATION	$585,000.00	$0.00	Remaining Early Cost						$195,000.00
[Contract No]_751.0 LOAM BORROW	$106,250.00	$0.00	Remaining Early Cost						
[Contract No]_751.2 PLANTING TRENCH SOIL	$15,000.00	$0.00	Remaining Early Cost						
[Contract No]_751.7 COMPOST TOPSOIL	$5,610.00	$0.00	Remaining Early Cost						
[Contract No]_755.35 INLAND WETLAND REPLICATION AREA	$50,000.00	$0.00	Remaining Early Cost						
[Contract No]_755.75 WETLAND SPECIALIST	$14,000.00	$0.00	Remaining Early Cost						
[Contract No]_755.76 WETLAND MONITORING	$10,000.00	$0.00	Remaining Early Cost						
[Contract No]_756.0 NPDES STORMWATER POLLUTION PREVENTION PLAN ($50,000)	$20,000.00	$0.00	Remaining Early Cost						

[CONTRACTOR NAME]
[CONTRACT NO] + [CONTRACT DESCRIPTION]
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	1-Nov-20	1-Dec-20	1-Jan-21	1-Feb-21	1-Mar-21	1-Apr-21	1-May-21	1-Jun-21	1-Jul-21	1-Aug-21	1-Sep-21	1-Oct-21	1-Nov-21
Monthly Projection	$25,545.07	$77,720.00	$13,260.00	$16,053.33	$289,487.09	$484,190.10	$1,018,978.45	$554,038.58	$2,713,558.27	$546,680.12	$852,261.41	$925,347.18	$747,810.12
Cumulative Monthly Projection	$25,545.07	$103,265.07	$116,525.07	$132,578.40	$422,065.49	$906,255.59	$1,925,234.04	$2,479,272.62	$5,192,830.89	$5,739,511.01	$6,591,772.42	$7,517,119.60	$8,264,929.72
Monthly Total as % of Bid	0.13%	0.40%	0.07%	0.08%	1.47%	2.46%	5.18%	2.82%	13.80%	2.78%	4.33%	4.70%	3.80%
Cumulative Total as % of Bid	0.13%	0.53%	0.59%	0.67%	2.15%	4.61%	9.79%	12.61%	26.40%	29.18%	33.52%	38.22%	42.02%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Nov-20	1-Dec-20	1-Jan-21	1-Feb-21	1-Mar-21	1-Apr-21	1-May-21	1-Jun-21	1-Jul-21	1-Aug-21	1-Sep-21	1-Oct-21	1-Nov-21
[Contract No]_765.0 SEEDING	$22,950.00	$0.00	Remaining Early Cost													
[Contract No]_765.422 SEEDING - MID-HEIGHT UPLAND NATIVE MIX - FULL SUN	$1,496.00	$0.00	Remaining Early Cost													
[Contract No]_767.121 SEDIMENT CONTROL BARRIER	$53,200.00	$0.00	Remaining Early Cost						$53,200.00							
[Contract No]_767.6 AGED PINE BARK MULCH	$650.00	$0.00	Remaining Early Cost													
[Contract No]_767.77 COMPOSTED MULCH OVER MODIFIED ROCK	$5,610.00	$0.00	Remaining Early Cost													
[Contract No]_767.9 MATTING FOR EROSION CONTROL	$18,700.00	$0.00	Remaining Early Cost													
[Contract No]_769.0 PAVEMENT MILLING MULCH UNDER GUARDRAIL	$26,600.00	$0.00	Remaining Early Cost													
[Contract No]_775.027 ELM - 'PRINCETON' 2-2.5 INCH CAL	$2,900.00	$0.00	Remaining Early Cost													
[Contract No]_775.035 HOPHORNBEAM - AMERICAN 2-2.5 INCH CALIPER	$2,175.00	$0.00	Remaining Early Cost													
[Contract No]_775.431 LOCUST - HONEY - 'SHADEMASTER' 2-2.5 INCH CALIPER	$6,500.00	$0.00	Remaining Early Cost													
[Contract No]_776.523 MAPLE - RED - 'ARMSTRONG' 2-2.5 INCH CALIPER	$3,250.00	$0.00	Remaining Early Cost													
[Contract No]_776.529 MAPLE - RED- 'KARPICK' 2-2.5 INCH CAL	$1,300.00	$0.00	Remaining Early Cost													
[Contract No]_777.679 SWEETGUM-'HAPDELL' 2-2.5 INCH CAL	$1,875.00	$0.00	Remaining Early Cost													
[Contract No]_778.025 GINGKO-AUTUMN GOLD 2-2.5 INCH CAL	$9,100.00	$0.00	Remaining Early Cost													
[Contract No]_778.167 BIRCH - RIVER HERITAGE SINGLE STEM	$1,275.00	$0.00	Remaining Early Cost													
[Contract No]_778.409 CRABAPPLE-ADIRONDACK 2.5-3 INCH CAL	$7,150.00	$0.00	Remaining Early Cost													
[Contract No]_780.181 DOGWOOD-'CONSTELLATION' 1.5 INCH CAL	$350.00	$0.00	Remaining Early Cost													
[Contract No]_782.423 PEAR - CALLERY 2-2.5 INCH CALIPER	$4,635.00	$0.00	Remaining Early Cost													
[Contract No]_785.587 HOLLY - JAPANESE - 'HETZ' 24-30 INCH	$440.00	$0.00	Remaining Early Cost													
[Contract No]_786.031 JUNIPER - ANDORRA 18-24 INCH	$3,720.00	$0.00	Remaining Early Cost													
[Contract No]_786.083 JUNIPER-'BAR HARBOR' 18-24 INCH SPREAD	$936.00	$0.00	Remaining Early Cost													
[Contract No]_786.099 JUNIPER-'BLUE STAR' 12-18 INCH SPREAD	$4,032.00	$0.00	Remaining Early Cost													
[Contract No]_786.473 JUNIPER-'SEA GREEN' 24-30 INCH SPREAD	$468.00	$0.00	Remaining Early Cost													
[Contract No]_794.337 SUMAC-FRAGRANT-'GRO-LOW' 18-24 INCH SPREAD	$4,324.00	$0.00	Remaining Early Cost													
[Contract No]_794.805 SWEETFERN 2 GALLON	$891.00	$0.00	Remaining Early Cost													
[Contract No]_796.433 FOUNTAIN GRASS-'KARLEY ROSE' 1 GALLON	$2,604.00	$0.00	Remaining Early Cost													
[Contract No]_796.457 SWITCH GRASS-HEAVY METAL' 1 GALLON	$2,489.00	$0.00	Remaining Early Cost													
[Contract No]_796.459 SWITCH GRASS-'SHENENDOAH' 1 GALLON	$1,491.00	$0.00	Remaining Early Cost													
[Contract No]_796.727 CATMINT-'WALKERS LOW' 1 GALLON	$4,080.00	$0.00	Remaining Early Cost													
[Contract No]_796.753 DAYLILLY-'HAPPY RETURNS' 1 GALLON	$1,008.00	$0.00	Remaining Early Cost													
[Contract No]_796.757 DAYLILLY-'PURPLE RETURNS' 1 GALLON	$1,710.00	$0.00	Remaining Early Cost													
[Contract No]_796.761 DAYLILLY-'RED HOT RETURNS' 1 GALLON	$1,197.00	$0.00	Remaining Early Cost													
[Contract No]_804.3 3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC	$456,750.00	$0.00	Remaining Early Cost													
[Contract No]_811.27 ELECTRIC HANDHOLE - (MUNICIPAL STANDARD)	$124,800.00	$0.00	Remaining Early Cost													
[Contract No]_811.31 PULL BOX 12X12	$35,000.00	$0.00	Remaining Early Cost													
[Contract No]_812.16 LIGHT FOUNDATION - CONCRETE	$123,000.00	$0.00	Remaining Early Cost													
[Contract No]_812.17 DEEP LIGHT FOUNDATION - CONCRETE	$34,000.00	$0.00	Remaining Early Cost													
[Contract No]_812.20 LIGHTING LOAD CENTER FOUNDATION	$15,000.00	$0.00	Remaining Early Cost													
[Contract No]_813.3 WIRE TYPE 7 NO 10 GENERAL PURPOSE	$55,510.00	$0.00	Remaining Early Cost													
[Contract No]_813.33 WIRE TYPE 7 NO 4 GENERAL PURPOSE	$28,050.00	$0.00	Remaining Early Cost													
[Contract No]_813.34 WIRE TYPE 7 NO 2 GENERAL PURPOSE	$184,228.00	$0.00	Remaining Early Cost													
[Contract No]_813.35 WIRE TYPE 7 NO 1 GENERAL PURPOSE	$1,620.00	$0.00	Remaining Early Cost													
[Contract No]_813.399 SPLICE EXTENSION FROM HANDHOLE TO LIGHTING FIXTURES	$59,400.00	$0.00	Remaining Early Cost													
[Contract No]_813.81 SERVICE CONNECTION (UNDERGROUND)	$35,000.00	$0.00	Remaining Early Cost													
[Contract No]_815.1 TRAFFIC CONTROL SIGNAL LOCATION 01	$275,000.00	$0.00	Remaining Early Cost													
[Contract No]_815.2 TRAFFIC CONTROL SIGNAL LOCATION 02	$225,000.00	$0.00	Remaining Early Cost													
[Contract No]_815.3 TRAFFIC CONTROL SIGNAL LOCATION 03	$200,000.00	$0.00	Remaining Early Cost													
[Contract No]_816.80 TRAFFIC CONTROL SIGNAL REMOVED AND STACKED	$15,000.00	$0.00	Remaining Early Cost													
[Contract No]_816.801 TRAFFIC CONTROL SIGNAL REMOVED AND STACKED	$15,000.00	$0.00	Remaining Early Cost													
[Contract No]_821.5 LIGHT POLE ANDSINGLE PENDANTLUMINAIRE W/ 8'ARM AND BANNERARM	$585,750.00	$0.00	Remaining Early Cost													
[Contract No]_821.51 LIGHT POLE ANDSINGLE PENDANTLUMINAIRE W/ 12'ARM AND BANNERARM	$115,050.00	$0.00	Remaining Early Cost													
[Contract No]_821.52 LIGHT POLE ARMAND SINGLEPENDANTLUMINAIRE W/ 4'ARM AND BANNERARM	$88,000.00	$0.00	Remaining Early Cost													
[Contract No]_821.53 LIGHT POLE ANDDOUBLE PENDANTLUMINAIRE ANDBANNER ARM	$42,000.00	$0.00	Remaining Early Cost													
[Contract No]_823.61 HIGHWAY LIGHTING LOAD CENTER NO.1	$30,000.00	$0.00	Remaining Early Cost													
[Contract No]_823.62 HIGHWAY LIGHTING LOAD CENTER NO.2	$30,000.00	$0.00	Remaining Early Cost													
[Contract No]_824.211 RECTANGULAR RAPID FLASHING BEACON (AC POWERED)	$25,000.00	$0.00	Remaining Early Cost													
[Contract No]_824.221 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 1	$25,000.00	$0.00	Remaining Early Cost													
[Contract No]_824.222 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 2	$25,000.00	$0.00	Remaining Early Cost													
[Contract No]_824.223 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 3	$25,000.00	$0.00	Remaining Early Cost													
[Contract No]_824.224 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 4	$25,000.00	$0.00	Remaining Early Cost													
[Contract No]_824.225 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 5	$25,000.00	$0.00	Remaining Early Cost													
[Contract No]_824.226 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 6	$25,000.00	$0.00	Remaining Early Cost													
[Contract No]_824.227 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 7	$25,000.00	$0.00	Remaining Early Cost													
[Contract No]_832.0 WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL (TYPE A)	$9,600.00	$0.00	Remaining Early Cost													
[Contract No]_833.5 DEMOUNTABLE REFLECTORIZED DELINEATOR - GUARD RAIL	$495.00	$0.00	Remaining Early Cost													
[Contract No]_833.7 DELINEATION FOR GUARD RAIL TERMINATION	$1,155.00	$0.00	Remaining Early Cost													
[Contract No]_847.1 SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	$13,390.00	$0.00	Remaining Early Cost													
[Contract No]_850.41 ROADWAY FLAGGER	$57,120.00	$0.00	Remaining Early Cost	$1,475.42				$1,370.04	$2,213.14	$2,107.75	$2,318.52	$2,213.14	$2,318.52	$2,213.14	$2,107.75	$2,002.36
[Contract No]_851.1 TRAFFIC CONES FOR TRAFFIC MANAGEMENT	$288,150.00	$0.00	Remaining Early Cost	$7,442.99				$6,911.35	$11,164.48	$10,632.84	$11,696.13	$11,164.48	$11,696.13	$11,164.48	$10,632.84	$10,101.20
[Contract No]_852.0 SAFETY SIGNING FOR TRAFFIC MANAGEMENT	$30,310.00	$0.00	Remaining Early Cost	$782.92				$726.99	$1,174.37	$1,118.45	$1,230.30	$1,174.37	$1,230.30	$1,174.37	$1,118.45	$1,062.53
[Contract No]_852.11 TEMPORARY PEDESTRIAN BARRICADE	$22,500.00	$0.00	Remaining Early Cost	$581.18				$539.67	$871.77	$830.26	$913.28	$871.77	$913.28	$871.77	$830.26	$788.75
[Contract No]_852.12 TEMPORARY PEDESTRIAN CURB RAMP	$32,000.00	$0.00	Remaining Early Cost	$826.57				$767.53	$1,239.85	$1,180.81	$1,298.89	$1,239.85	$1,298.89	$1,239.85	$1,180.81	$1,121.77
[Contract No]_853.1 PORTABLE BREAKAWAY BARRICADE TYPE III	$1,000.00	$0.00	Remaining Early Cost	$25.83				$23.99	$38.75	$36.90	$40.59	$38.75	$40.59	$38.75	$36.90	$35.06
[Contract No]_853.2 TEMPORARY BARRIER (TL-2)	$72,000.00	$0.00	Remaining Early Cost	$1,859.78				$1,726.94	$2,789.67	$2,656.83	$2,922.51	$2,789.67	$2,922.51	$2,789.67	$2,656.83	$2,523.99
[Contract No]_853.21 TEMPORARY BARRIER REMOVED AND RESET	$19,800.00	$0.00	Remaining Early Cost	$511.44				$474.91	$767.16	$730.63	$803.69	$767.16	$803.69	$767.16	$730.63	$694.10
[Contract No]_853.501 TEMPORARY IMPACT ATTENUATOR REMOVED AND RESET	$11,000.00	$0.00	Remaining Early Cost	$284.13				$263.84	$426.20	$405.90	$446.49	$426.20	$446.49	$426.20	$405.90	$385.61
[Contract No]_853.63 TEMPORARY IMPACT ATTENUATOR UNIDIRECTIONAL REDIRECTIVE TL3	$42,000.00	$0.00	Remaining Early Cost	$1,084.87				$1,007.38	$1,627.31	$1,549.81	$1,704.80	$1,627.31	$1,704.80	$1,627.31	$1,549.81	$1,472.32
[Contract No]_853.80 TEMPORARY ILLUMINATION FOR WORK ZONE	$68,000.00	$0.00	Remaining Early Cost	$1,756.46				$1,631.00	$2,634.69	$2,509.22	$2,760.15	$2,634.69	$2,760.15	$2,634.69	$2,509.22	$2,383.76
[Contract No]_854.016 TEMPORARY PAVING MARKINGS - 6 INCH (PAINTED)	$24,679.00	$0.00	Remaining Early Cost	$637.46				$591.93	$956.20	$910.66	$1,001.73	$956.20	$1,001.73	$956.20	$910.66	$865.13
[Contract No]_854.1 PAVEMENT MARKING REMOVAL	$6,000.00	$0.00	Remaining Early Cost	$154.98				$143.91	$232.47	$221.40	$243.54	$232.47	$243.54	$232.47	$221.40	$210.33
[Contract No]_856.0 ARROW BOARD	$12,800.00	$0.00	Remaining Early Cost	$330.63				$307.01	$495.94	$472.32	$519.56	$495.94	$519.56	$495.94	$472.32	$448.71

[CONTRACTOR NAME]
[CONTRACT NO] + [CONTRACT DESCRIPTION]
Section 722 - Construction Scheduling & Projected Spending Report
[SCHEDULE BASIS]

	1-Dec-21	1-Jan-22	1-Feb-22	1-Mar-22	1-Apr-22	1-May-22	1-Jun-22	1-Jul-22	1-Aug-22	1-Sep-22	1-Oct-22	1-Nov-22
Monthly Projection	$0.00	$0.00	$0.00	$326,355.77	$996,201.62	$1,098,813.52	$1,084,327.58	$801,120.28	$752,876.56	$216,635.60	$337,052.75	$344,624.75
Cumulative Monthly Projection	$8,264,929.72	$8,264,929.72	$8,264,929.72	$8,591,285.49	$9,587,487.11	$10,686,300.63	$11,770,628.21	$12,571,748.49	$13,324,625.05	$13,541,260.65	$13,878,313.40	$14,222,938.15
Monthly Total as % of Bid	0.00%	0.00%	0.00%	1.66%	5.07%	5.59%	5.51%	4.07%	3.83%	1.10%	1.71%	1.75%
Cumulative Total as % of Bid	42.02%	42.02%	42.02%	43.68%	48.75%	54.33%	59.85%	63.92%	67.75%	68.85%	70.56%	72.32%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Dec-21	1-Jan-22	1-Feb-22	1-Mar-22	1-Apr-22	1-May-22	1-Jun-22	1-Jul-22	1-Aug-22	1-Sep-22	1-Oct-22	1-Nov-22
[Contract No]_765.0 SEEDING	$22,950.00	$0.00	Remaining Early Cost												
[Contract No]_765.422 SEEDING - MID-HEIGHT UPLAND NATIVE MIX - FULL SUN	$1,496.00	$0.00	Remaining Early Cost												
[Contract No]_767.121 SEDIMENT CONTROL BARRIER	$53,200.00	$0.00	Remaining Early Cost												
[Contract No]_767.6 AGED PINE BARK MULCH	$650.00	$0.00	Remaining Early Cost												
[Contract No]_767.77 COMPOSTED MULCH OVER MODIFIED ROCK	$5,610.00	$0.00	Remaining Early Cost											$2,802.00	
[Contract No]_767.9 MATTING FOR EROSION CONTROL	$18,700.00	$0.00	Remaining Early Cost												
[Contract No]_769.0 PAVEMENT MILLING MULCH UNDER GUARDRAIL	$26,600.00	$0.00	Remaining Early Cost												
[Contract No]_775.027 ELM - 'PRINCETON' 2-2.5 INCH CAL	$2,900.00	$0.00	Remaining Early Cost												
[Contract No]_775.035 HOPHORNBEAM - AMERICAN 2-2.5 INCH CALIPER	$2,175.00	$0.00	Remaining Early Cost												
[Contract No]_775.431 LOCUST - HONEY - 'SHADEMASTER' 2-2.5 INCH CALIPER	$6,500.00	$0.00	Remaining Early Cost												
[Contract No]_776.523 MAPLE - RED - 'ARMSTRONG' 2-2.5 INCH CALIPER	$3,250.00	$0.00	Remaining Early Cost												
[Contract No]_776.529 MAPLE - RED- 'KARPICK' 2-2.5 INCH CAL	$1,300.00	$0.00	Remaining Early Cost												
[Contract No]_777.679 SWEETGUM-'HAPDELL' 2-2.5 INCH CAL	$1,875.00	$0.00	Remaining Early Cost												
[Contract No]_778.025 GINGKO-AUTUMN GOLD 2-2.5 INCH CAL	$9,100.00	$0.00	Remaining Early Cost												
[Contract No]_778.167 BIRCH - RIVER HERITAGE SINGLE STEM	$1,275.00	$0.00	Remaining Early Cost												
[Contract No]_778.409 CRABAPPLE-ADIRONDACK 2.5-3 INCH CAL	$7,150.00	$0.00	Remaining Early Cost												
[Contract No]_780.181 DOGWOOD-'CONSTELLATION' 1.5 INCH CAL	$350.00	$0.00	Remaining Early Cost												
[Contract No]_782.423 PEAR - CALLERY 2-2.5 INCH CALIPER	$4,635.00	$0.00	Remaining Early Cost												
[Contract No]_785.587 HOLLY - JAPANESE - 'HETZ' 24-30 INCH	$440.00	$0.00	Remaining Early Cost												
[Contract No]_786.031 JUNIPER - ANDORRA 18-24 INCH	$3,720.00	$0.00	Remaining Early Cost												
[Contract No]_786.083 JUNIPER-'BAR HARBOR' 18-24 INCH SPREAD	$936.00	$0.00	Remaining Early Cost												
[Contract No]_786.099 JUNIPER-'BLUE STAR' 12-18 INCH SPREAD	$4,032.00	$0.00	Remaining Early Cost												
[Contract No]_786.473 JUNIPER-'SEA GREEN' 24-30 INCH SPREAD	$468.00	$0.00	Remaining Early Cost												
[Contract No]_794.337 SUMAC-FRAGRANT-'GRO-LOW' 18-24 INCH SPREAD	$4,324.00	$0.00	Remaining Early Cost												
[Contract No]_794.805 SWEETFERN 2 GALLON	$891.00	$0.00	Remaining Early Cost												
[Contract No]_796.433 FOUNTAIN GRASS-'KARLEY ROSE' 1 GALLON	$2,604.00	$0.00	Remaining Early Cost												
[Contract No]_796.457 SWITCH GRASS-HEAVY METAL' 1 GALLON	$2,489.00	$0.00	Remaining Early Cost												
[Contract No]_796.459 SWITCH GRASS-'SHENENDOAH' 1 GALLON	$1,491.00	$0.00	Remaining Early Cost												
[Contract No]_796.727 CATMINT-'WALKERS LOW' 1 GALLON	$4,080.00	$0.00	Remaining Early Cost												
[Contract No]_796.753 DAYLILLY-'HAPPY RETURNS' 1 GALLON	$1,008.00	$0.00	Remaining Early Cost												
[Contract No]_796.757 DAYLILLY-'PURPLE RETURNS' 1 GALLON	$1,710.00	$0.00	Remaining Early Cost												
[Contract No]_796.761 DAYLILLY-'RED HOT RETURNS' 1 GALLON	$1,197.00	$0.00	Remaining Early Cost												
[Contract No]_804.3 3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC	$456,750.00	$0.00	Remaining Early Cost				$44,100.00	$58,800.00	$44,100.00	$44,100.00	$14,700.00	$29,575.00	$29,400.00	$26,460.00	$47,215.00
[Contract No]_811.27 ELECTRIC HANDHOLE - (MUNICIPAL STANDARD)	$124,800.00	$0.00	Remaining Early Cost				$12,000.00	$14,400.00	$12,000.00	$12,000.00	$3,600.00	$8,400.00	$8,400.00	$7,440.00	$14,160.00
[Contract No]_811.31 PULL BOX 12X12	$35,000.00	$0.00	Remaining Early Cost				$3,000.00	$4,000.00	$3,000.00	$3,000.00	$1,000.00	$3,000.00	$3,000.00	$2,600.00	$4,400.00
[Contract No]_812.16 LIGHT FOUNDATION - CONCRETE	$123,000.00	$0.00	Remaining Early Cost				$6,000.00	$7,500.00	$6,000.00	$13,500.00	$6,000.00	$13,500.00	$6,000.00	$12,000.00	$13,500.00
[Contract No]_812.17 DEEP LIGHT FOUNDATION - CONCRETE	$34,000.00	$0.00	Remaining Early Cost					$2,000.00	$2,000.00	$2,000.00	$2,000.00	$4,000.00	$2,000.00	$3,600.00	$4,400.00
[Contract No]_812.20 LIGHTING LOAD CENTER FOUNDATION	$15,000.00	$0.00	Remaining Early Cost												
[Contract No]_813.3 WIRE TYPE 7 NO 10 GENERAL PURPOSE	$55,510.00	$0.00	Remaining Early Cost												
[Contract No]_813.33 WIRE TYPE 7 NO 4 GENERAL PURPOSE	$28,050.00	$0.00	Remaining Early Cost												
[Contract No]_813.34 WIRE TYPE 7 NO 2 GENERAL PURPOSE	$184,228.00	$0.00	Remaining Early Cost												
[Contract No]_813.35 WIRE TYPE 7 NO 1 GENERAL PURPOSE	$1,620.00	$0.00	Remaining Early Cost												
[Contract No]_813.399 SPLICE EXTENSION FROM HANDHOLE TO LIGHTING FIXTURES	$59,400.00	$0.00	Remaining Early Cost												
[Contract No]_813.81 SERVICE CONNECTION (UNDERGROUND)	$35,000.00	$0.00	Remaining Early Cost												
[Contract No]_815.1 TRAFFIC CONTROL SIGNAL LOCATION 01	$275,000.00	$0.00	Remaining Early Cost												
[Contract No]_815.2 TRAFFIC CONTROL SIGNAL LOCATION 02	$225,000.00	$0.00	Remaining Early Cost							$225,000.00					
[Contract No]_815.3 TRAFFIC CONTROL SIGNAL LOCATION 03	$200,000.00	$0.00	Remaining Early Cost									$200,000.00			
[Contract No]_816.80 TRAFFIC CONTROL SIGNAL REMOVED AND STACKED	$15,000.00	$0.00	Remaining Early Cost												
[Contract No]_816.801 TRAFFIC CONTROL SIGNAL REMOVED AND STACKED	$15,000.00	$0.00	Remaining Early Cost												
[Contract No]_821.5 LIGHT POLE ANDSINGLE PENDANTLUMINAIRE W/ 8'ARM AND BANNERARM	$585,750.00	$0.00	Remaining Early Cost												
[Contract No]_821.51 LIGHT POLE ANDSINGLE PENDANTLUMINAIRE W/ 12'ARM AND BANNERARM	$115,050.00	$0.00	Remaining Early Cost												
[Contract No]_821.52 LIGHT POLE ARMAND SINGLEPENDANTLUMINAIRE W/ 4'ARM AND BANNERARM	$88,000.00	$0.00	Remaining Early Cost												
[Contract No]_821.53 LIGHT POLE ANDDOUBLE PENDANTLUMINAIRE ANDBANNER ARM	$42,000.00	$0.00	Remaining Early Cost												
[Contract No]_823.61 HIGHWAY LIGHTING LOAD CENTER NO.1	$30,000.00	$0.00	Remaining Early Cost												
[Contract No]_823.62 HIGHWAY LIGHTING LOAD CENTER NO.2	$30,000.00	$0.00	Remaining Early Cost												
[Contract No]_824.211 RECTANGULAR RAPID FLASHING BEACON (AC POWERED)	$25,000.00	$0.00	Remaining Early Cost								$3,500.00	$14,000.00		$4,000.00	
[Contract No]_824.221 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 1	$25,000.00	$0.00	Remaining Early Cost									$25,000.00			
[Contract No]_824.222 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 2	$25,000.00	$0.00	Remaining Early Cost									$25,000.00			
[Contract No]_824.223 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 3	$25,000.00	$0.00	Remaining Early Cost									$25,000.00			
[Contract No]_824.224 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 4	$25,000.00	$0.00	Remaining Early Cost									$25,000.00			
[Contract No]_824.225 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 5	$25,000.00	$0.00	Remaining Early Cost								$25,000.00				
[Contract No]_824.226 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 6	$25,000.00	$0.00	Remaining Early Cost												
[Contract No]_824.227 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 7	$25,000.00	$0.00	Remaining Early Cost											$25,000.00	
[Contract No]_832.0 WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL (TYPE A)	$9,600.00	$0.00	Remaining Early Cost												
[Contract No]_833.5 DEMOUNTABLE REFLECTORIZED DELINEATOR - GUARD RAIL	$495.00	$0.00	Remaining Early Cost												
[Contract No]_833.7 DELINEATION FOR GUARD RAIL TERMINATION	$1,155.00	$0.00	Remaining Early Cost												
[Contract No]_847.1 SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	$13,390.00	$0.00	Remaining Early Cost												
[Contract No]_850.41 ROADWAY FLAGGER	$57,120.00	$0.00	Remaining Early Cost				$1,370.04	$2,107.75	$2,213.14	$2,318.52	$2,107.75	$2,423.91	$2,213.14	$2,107.75	$2,002.36
[Contract No]_851.1 TRAFFIC CONES FOR TRAFFIC MANAGEMENT	$288,150.00	$0.00	Remaining Early Cost				$6,911.35	$10,632.84	$11,164.48	$11,696.13	$10,632.84	$12,227.77	$11,164.48	$10,632.84	$10,101.20
[Contract No]_852.0 SAFETY SIGNING FOR TRAFFIC MANAGEMENT	$30,310.00	$0.00	Remaining Early Cost				$726.99	$1,118.45	$1,174.37	$1,230.30	$1,118.45	$1,286.22	$1,174.37	$1,118.45	$1,062.53
[Contract No]_852.11 TEMPORARY PEDESTRIAN BARRICADE	$22,500.00	$0.00	Remaining Early Cost				$539.67	$830.26	$871.77	$913.28	$830.26	$954.80	$871.77	$830.26	$788.75
[Contract No]_852.12 TEMPORARY PEDESTRIAN CURB RAMP	$32,000.00	$0.00	Remaining Early Cost				$767.53	$1,180.81	$1,239.85	$1,298.89	$1,180.81	$1,357.93	$1,239.85	$1,180.81	$1,121.77
[Contract No]_853.1 PORTABLE BREAKAWAY BARRICADE TYPE III	$1,000.00	$0.00	Remaining Early Cost				$23.99	$36.90	$38.75	$40.59	$36.90	$42.44	$38.75	$36.90	$35.06
[Contract No]_853.2 TEMPORARY BARRIER (TL-2)	$72,000.00	$0.00	Remaining Early Cost				$1,726.94	$2,656.83	$2,789.67	$2,922.51	$2,656.83	$3,055.35	$2,789.67	$2,656.83	$2,523.99
[Contract No]_853.21 TEMPORARY BARRIER REMOVED AND RESET	$19,800.00	$0.00	Remaining Early Cost				$474.91	$730.63	$767.16	$803.69	$730.63	$840.22	$767.16	$730.63	$694.10
[Contract No]_853.501 TEMPORARY IMPACT ATTENUATOR REMOVED AND RESET	$11,000.00	$0.00	Remaining Early Cost				$263.84	$405.90	$426.20	$446.49	$405.90	$466.79	$426.20	$405.90	$385.61
[Contract No]_853.63 TEMPORARY IMPACT ATTENUATOR UNIDIRECTIONAL REDIRECTIVE TL3	$42,000.00	$0.00	Remaining Early Cost				$1,007.38	$1,549.81	$1,627.31	$1,704.80	$1,549.81	$1,782.29	$1,627.31	$1,549.81	$1,472.32
[Contract No]_853.80 TEMPORARY ILLUMINATION FOR WORK ZONE	$68,000.00	$0.00	Remaining Early Cost				$1,631.00	$2,509.22	$2,634.69	$2,760.15	$2,509.22	$2,885.61	$2,634.69	$2,509.22	$2,383.76
[Contract No]_854.016 TEMPORARY PAVING MARKINGS - 6 INCH (PAINTED)	$24,679.00	$0.00	Remaining Early Cost				$591.93	$910.66	$956.20	$1,001.73	$910.66	$1,047.26	$956.20	$910.66	$865.13
[Contract No]_854.1 PAVEMENT MARKING REMOVAL	$6,000.00	$0.00	Remaining Early Cost				$143.91	$221.40	$232.47	$243.54	$221.40	$254.61	$232.47	$221.40	$210.33
[Contract No]_856.0 ARROW BOARD	$12,800.00	$0.00	Remaining Early Cost				$307.01	$472.32	$495.94	$519.56	$472.32	$543.17	$495.94	$472.32	$448.71

[CONTRACTOR NAME]
[CONTRACT NO] + [CONTRACT DESCRIPTION]
Section 722 - Construction Scheduling & Projected Spending Report
[SCHEDULE BASIS]

	1-Dec-22	1-Jan-23	1-Feb-23	1-Mar-23	1-Apr-23	1-May-23	1-Jun-23	1-Jul-23	1-Aug-23	1-Sep-23	1-Oct-23
Monthly Projection	$0.00	$0.00	$0.00	$75,283.74	$609,081.11	$252,069.54	$223,431.58	$618,283.20	$508,224.97	$886,566.96	$1,554,928.10
Cumulative Monthly Projection	$14,222,938.15	$14,222,938.15	$14,222,938.15	$14,298,221.89	$14,907,303.00	$15,159,372.54	$15,382,804.12	$16,001,087.32	$16,509,312.29	$17,395,879.25	$18,950,807.35
Monthly Total as % of Bid	0.00%	0.00%	0.00%	0.38%	3.10%	1.28%	1.14%	3.14%	2.58%	4.51%	7.91%
Cumulative Total as % of Bid	72.32%	72.32%	72.32%	72.70%	75.80%	77.08%	78.21%	81.36%	83.94%	88.45%	96.36%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Dec-22	1-Jan-23	1-Feb-23	1-Mar-23	1-Apr-23	1-May-23	1-Jun-23	1-Jul-23	1-Aug-23	1-Sep-23	1-Oct-23
[Contract No]_765.0 SEEDING	$22,950.00	$0.00	Remaining Early Cost										$5,737.50	$17,212.50
[Contract No]_765.422 SEEDING - MID-HEIGHT UPLAND NATIVE MIX - FULL SUN	$1,496.00	$0.00	Remaining Early Cost										$374.00	$1,122.00
[Contract No]_767.121 SEDIMENT CONTROL BARRIER	$53,200.00	$0.00	Remaining Early Cost											
[Contract No]_767.6 AGED PINE BARK MULCH	$650.00	$0.00	Remaining Early Cost										$130.00	$520.00
[Contract No]_767.77 COMPOSTED MULCH OVER MODIFIED ROCK	$5,610.00	$0.00	Remaining Early Cost						$2,808.00					
[Contract No]_767.9 MATTING FOR EROSION CONTROL	$18,700.00	$0.00	Remaining Early Cost										$4,675.00	$14,025.00
[Contract No]_769.0 PAVEMENT MILLING MULCH UNDER GUARDRAIL	$26,600.00	$0.00	Remaining Early Cost										$26,600.00	
[Contract No]_775.027 ELM - 'PRINCETON' 2-2.5 INCH CAL	$2,900.00	$0.00	Remaining Early Cost										$580.00	$2,320.00
[Contract No]_775.035 HOPHORNBEAM - AMERICAN 2-2.5 INCH CALIPER	$2,175.00	$0.00	Remaining Early Cost										$435.00	$1,740.00
[Contract No]_775.431 LOCUST - HONEY - 'SHADEMASTER' 2-2.5 INCH CALIPER	$6,500.00	$0.00	Remaining Early Cost										$1,300.00	$5,200.00
[Contract No]_776.523 MAPLE - RED - 'ARMSTRONG' 2-2.5 INCH CALIPER	$3,250.00	$0.00	Remaining Early Cost										$650.00	$2,600.00
[Contract No]_776.529 MAPLE - RED- 'KARPICK' 2-2.5 INCH CAL	$1,300.00	$0.00	Remaining Early Cost										$260.00	$1,040.00
[Contract No]_777.679 SWEETGUM-'HAPDELL' 2-2.5 INCH CAL	$1,875.00	$0.00	Remaining Early Cost										$375.00	$1,500.00
[Contract No]_778.025 GINGKO-AUTUMN GOLD 2-2.5 INCH CAL	$9,100.00	$0.00	Remaining Early Cost										$1,820.00	$7,280.00
[Contract No]_778.167 BIRCH - RIVER HERITAGE SINGLE STEM	$1,275.00	$0.00	Remaining Early Cost										$255.00	$1,020.00
[Contract No]_778.409 CRABAPPLE-ADIRONDACK 2.5-3 INCH CAL	$7,150.00	$0.00	Remaining Early Cost										$1,430.00	$5,720.00
[Contract No]_780.181 DOGWOOD-'CONSTELLATION' 1.5 INCH CAL	$350.00	$0.00	Remaining Early Cost										$70.00	$280.00
[Contract No]_782.423 PEAR - CALLERY 2-2.5 INCH CALIPER	$4,635.00	$0.00	Remaining Early Cost										$927.00	$3,708.00
[Contract No]_785.587 HOLLY - JAPANESE - 'HETZ' 24-30 INCH	$440.00	$0.00	Remaining Early Cost										$88.00	$352.00
[Contract No]_786.031 JUNIPER - ANDORRA 18-24 INCH	$3,720.00	$0.00	Remaining Early Cost										$744.00	$2,976.00
[Contract No]_786.083 JUNIPER-'BAR HARBOR' 18-24 INCH SPREAD	$936.00	$0.00	Remaining Early Cost										$187.20	$748.80
[Contract No]_786.099 JUNIPER-'BLUE STAR' 12-18 INCH SPREAD	$4,032.00	$0.00	Remaining Early Cost										$806.40	$3,225.60
[Contract No]_786.473 JUNIPER-'SEA GREEN' 24-30 INCH SPREAD	$468.00	$0.00	Remaining Early Cost										$93.60	$374.40
[Contract No]_794.337 SUMAC-FRAGRANT-'GRO-LOW' 18-24 INCH SPREAD	$4,324.00	$0.00	Remaining Early Cost										$864.80	$3,459.20
[Contract No]_794.805 SWEETFERN 2 GALLON	$891.00	$0.00	Remaining Early Cost										$178.20	$712.80
[Contract No]_796.433 FOUNTAIN GRASS-'KARLEY ROSE' 1 GALLON	$2,604.00	$0.00	Remaining Early Cost										$520.80	$2,083.20
[Contract No]_796.457 SWITCH GRASS-HEAVY METAL' 1 GALLON	$2,489.00	$0.00	Remaining Early Cost										$497.80	$1,991.20
[Contract No]_796.459 SWITCH GRASS-'SHENENDOAH' 1 GALLON	$1,491.00	$0.00	Remaining Early Cost										$298.20	$1,192.80
[Contract No]_796.727 CATMINT-'WALKERS LOW' 1 GALLON	$4,080.00	$0.00	Remaining Early Cost										$816.00	$3,264.00
[Contract No]_796.753 DAYLILLY-'HAPPY RETURNS' 1 GALLON	$1,008.00	$0.00	Remaining Early Cost										$201.60	$806.40
[Contract No]_796.757 DAYLILLY-'PURPLE RETURNS' 1 GALLON	$1,710.00	$0.00	Remaining Early Cost										$342.00	$1,368.00
[Contract No]_796.761 DAYLILLY-'RED HOT RETURNS' 1 GALLON	$1,197.00	$0.00	Remaining Early Cost										$239.40	$957.60
[Contract No]_804.3 3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC	$456,750.00	$0.00	Remaining Early Cost				$14,700.00	$29,575.00	$14,875.00	$23,625.00	$20,825.00	$14,700.00		
[Contract No]_811.27 ELECTRIC HANDHOLE - (MUNICIPAL STANDARD)	$124,800.00	$0.00	Remaining Early Cost				$4,800.00	$8,400.00	$3,600.00	$6,480.00	$5,520.00	$3,600.00		
[Contract No]_811.31 PULL BOX 12X12	$35,000.00	$0.00	Remaining Early Cost				$1,000.00	$2,000.00	$1,000.00	$1,600.00	$1,400.00	$1,000.00		
[Contract No]_812.16 LIGHT FOUNDATION - CONCRETE	$123,000.00	$0.00	Remaining Early Cost					$13,500.00		$10,500.00	$9,000.00	$6,000.00		
[Contract No]_812.17 DEEP LIGHT FOUNDATION - CONCRETE	$34,000.00	$0.00	Remaining Early Cost					$4,000.00		$3,200.00	$2,800.00	$2,000.00		
[Contract No]_812.20 LIGHTING LOAD CENTER FOUNDATION	$15,000.00	$0.00	Remaining Early Cost										$15,000.00	
[Contract No]_813.3 WIRE TYPE 7 NO 10 GENERAL PURPOSE	$55,510.00	$0.00	Remaining Early Cost											$55,510.00
[Contract No]_813.33 WIRE TYPE 7 NO 4 GENERAL PURPOSE	$28,050.00	$0.00	Remaining Early Cost											$28,050.00
[Contract No]_813.34 WIRE TYPE 7 NO 2 GENERAL PURPOSE	$184,228.00	$0.00	Remaining Early Cost											$184,228.00
[Contract No]_813.35 WIRE TYPE 7 NO 1 GENERAL PURPOSE	$1,620.00	$0.00	Remaining Early Cost											$1,620.00
[Contract No]_813.399 SPLICE EXTENSION FROM HANDHOLE TO LIGHTING FIXTURES	$59,400.00	$0.00	Remaining Early Cost											$59,400.00
[Contract No]_813.81 SERVICE CONNECTION (UNDERGROUND)	$35,000.00	$0.00	Remaining Early Cost											$35,000.00
[Contract No]_815.1 TRAFFIC CONTROL SIGNAL LOCATION 01	$275,000.00	$0.00	Remaining Early Cost								$275,000.00			
[Contract No]_815.2 TRAFFIC CONTROL SIGNAL LOCATION 02	$225,000.00	$0.00	Remaining Early Cost											
[Contract No]_815.3 TRAFFIC CONTROL SIGNAL LOCATION 03	$200,000.00	$0.00	Remaining Early Cost											
[Contract No]_816.80 TRAFFIC CONTROL SIGNAL REMOVED AND STACKED	$15,000.00	$0.00	Remaining Early Cost								$15,000.00			
[Contract No]_816.801 TRAFFIC CONTROL SIGNAL REMOVED AND STACKED	$15,000.00	$0.00	Remaining Early Cost								$15,000.00			
[Contract No]_821.5 LIGHT POLE ANDSINGLE PENDANTLUMINAIRE W/ 8'ARM AND BANNERARM	$585,750.00	$0.00	Remaining Early Cost										$410,025.00	$175,725.00
[Contract No]_821.51 LIGHT POLE ANDSINGLE PENDANTLUMINAIRE W/ 12'ARM AND BANNERARM	$115,050.00	$0.00	Remaining Early Cost										$80,535.00	$34,515.00
[Contract No]_821.52 LIGHT POLE ARMAND SINGLEPENDANTLUMINAIRE W/ 4'ARM AND BANNERARM	$88,000.00	$0.00	Remaining Early Cost										$61,600.00	$26,400.00
[Contract No]_821.53 LIGHT POLE ANDDOUBLE PENDANTLUMINAIRE ANDBANNER ARM	$42,000.00	$0.00	Remaining Early Cost										$29,400.00	$12,600.00
[Contract No]_823.61 HIGHWAY LIGHTING LOAD CENTER NO.1	$30,000.00	$0.00	Remaining Early Cost										$30,000.00	
[Contract No]_823.62 HIGHWAY LIGHTING LOAD CENTER NO.2	$30,000.00	$0.00	Remaining Early Cost										$30,000.00	
[Contract No]_824.211 RECTANGULAR RAPID FLASHING BEACON (AC POWERED)	$25,000.00	$0.00	Remaining Early Cost					$3,500.00						
[Contract No]_824.221 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 1	$25,000.00	$0.00	Remaining Early Cost											
[Contract No]_824.222 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 2	$25,000.00	$0.00	Remaining Early Cost											
[Contract No]_824.223 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 3	$25,000.00	$0.00	Remaining Early Cost											
[Contract No]_824.224 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 4	$25,000.00	$0.00	Remaining Early Cost											
[Contract No]_824.225 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 5	$25,000.00	$0.00	Remaining Early Cost											
[Contract No]_824.226 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 6	$25,000.00	$0.00	Remaining Early Cost					$25,000.00						
[Contract No]_824.227 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 7	$25,000.00	$0.00	Remaining Early Cost											
[Contract No]_832.0 WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL (TYPE A)	$9,600.00	$0.00	Remaining Early Cost										$6,400.00	$3,200.00
[Contract No]_833.5 DEMOUNTABLE REFLECTORIZED DELINEATOR - GUARD RAIL	$495.00	$0.00	Remaining Early Cost									$388.93	$106.07	
[Contract No]_833.7 DELINEATION FOR GUARD RAIL TERMINATION	$1,155.00	$0.00	Remaining Early Cost									$907.50	$247.50	
[Contract No]_847.1 SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	$13,390.00	$0.00	Remaining Early Cost										$8,926.67	$4,463.33
[Contract No]_850.41 ROADWAY FLAGGER	$57,120.00	$0.00	Remaining Early Cost				$1,370.04	$2,002.36	$2,318.52	$2,318.52	$2,107.75	$2,423.91	$2,107.75	$2,213.14
[Contract No]_851.1 TRAFFIC CONES FOR TRAFFIC MANAGEMENT	$288,150.00	$0.00	Remaining Early Cost				$6,911.35	$10,101.20	$11,696.13	$11,696.13	$10,632.84	$12,227.77	$10,632.84	$11,164.48
[Contract No]_852.0 SAFETY SIGNING FOR TRAFFIC MANAGEMENT	$30,310.00	$0.00	Remaining Early Cost				$726.99	$1,062.53	$1,230.30	$1,230.30	$1,118.45	$1,286.22	$1,118.45	$1,174.37
[Contract No]_852.11 TEMPORARY PEDESTRIAN BARRICADE	$22,500.00	$0.00	Remaining Early Cost				$539.67	$788.75	$913.28	$913.28	$830.26	$954.80	$830.26	$871.77
[Contract No]_852.12 TEMPORARY PEDESTRIAN CURB RAMP	$32,000.00	$0.00	Remaining Early Cost				$767.53	$1,121.77	$1,298.89	$1,298.89	$1,180.81	$1,357.93	$1,180.81	$1,239.85
[Contract No]_853.1 PORTABLE BREAKAWAY BARRICADE TYPE III	$1,000.00	$0.00	Remaining Early Cost				$23.99	$35.06	$40.59	$40.59	$36.90	$42.44	$36.90	$38.75
[Contract No]_853.2 TEMPORARY BARRIER (TL-2)	$72,000.00	$0.00	Remaining Early Cost				$1,726.94	$2,523.99	$2,922.51	$2,922.51	$2,656.83	$3,055.35	$2,656.83	$2,789.67
[Contract No]_853.21 TEMPORARY BARRIER REMOVED AND RESET	$19,800.00	$0.00	Remaining Early Cost				$474.91	$694.10	$803.69	$803.69	$730.63	$840.22	$730.63	$767.16
[Contract No]_853.501 TEMPORARY IMPACT ATTENUATOR REMOVED AND RESET	$11,000.00	$0.00	Remaining Early Cost				$263.84	$385.61	$446.49	$446.49	$405.90	$466.79	$405.90	$426.20
[Contract No]_853.63 TEMPORARY IMPACT ATTENUATOR UNIDIRECTIONAL REDIRECTIVE TL3	$42,000.00	$0.00	Remaining Early Cost				$1,007.38	$1,472.32	$1,704.80	$1,704.80	$1,549.81	$1,782.29	$1,549.81	$1,627.31
[Contract No]_853.80 TEMPORARY ILLUMINATION FOR WORK ZONE	$68,000.00	$0.00	Remaining Early Cost				$1,631.00	$2,383.76	$2,760.15	$2,760.15	$2,509.22	$2,885.61	$2,509.22	$2,634.69
[Contract No]_854.016 TEMPORARY PAVING MARKINGS - 6 INCH (PAINTED)	$24,679.00	$0.00	Remaining Early Cost				$591.93	$865.13	$1,001.73	$1,001.73	$910.66	$1,047.26	$910.66	$956.20
[Contract No]_854.1 PAVEMENT MARKING REMOVAL	$6,000.00	$0.00	Remaining Early Cost				$143.91	$210.33	$243.54	$243.54	$221.40	$254.61	$221.40	$232.47
[Contract No]_856.0 ARROW BOARD	$12,800.00	$0.00	Remaining Early Cost				$307.01	$448.71	$519.56	$519.56	$472.32	$543.17	$472.32	$495.94

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Section 722 - Construction Scheduling & Projected Spending Report
[SCHEDULE BASIS]

	1-Nov-23	1-Dec-23	1-Jan-24	1-Feb-24	1-Mar-24	1-Apr-24
Monthly Projection	$412,760.66	$87,248.00	$21,812.00	$0.00	$0.00	$195,000.00
Cumulative Monthly Projection	$19,363,568.01	$19,450,816.01	$19,472,628.01	$19,472,628.01	$19,472,628.01	$19,667,628.01
Monthly Total as % of Bid	2.10%	0.44%	0.11%	0.00%	0.00%	0.99%
Cumulative Total as % of Bid	98.45%	98.90%	99.01%	99.01%	99.01%	100.00%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Nov-23	1-Dec-23	1-Jan-24	1-Feb-24	1-Mar-24	1-Apr-24
[Contract No]_765.0 SEEDING	$22,950.00	$0.00	Remaining Early Cost						
[Contract No]_765.422 SEEDING - MID-HEIGHT UPLAND NATIVE MIX - FULL SUN	$1,496.00	$0.00	Remaining Early Cost						
[Contract No]_767.121 SEDIMENT CONTROL BARRIER	$53,200.00	$0.00	Remaining Early Cost						
[Contract No]_767.6 AGED PINE BARK MULCH	$650.00	$0.00	Remaining Early Cost						
[Contract No]_767.77 COMPOSTED MULCH OVER MODIFIED ROCK	$5,610.00	$0.00	Remaining Early Cost						
[Contract No]_767.9 MATTING FOR EROSION CONTROL	$18,700.00	$0.00	Remaining Early Cost						
[Contract No]_769.0 PAVEMENT MILLING MULCH UNDER GUARDRAIL	$26,600.00	$0.00	Remaining Early Cost						
[Contract No]_775.027 ELM - 'PRINCETON' 2-2.5 INCH CAL	$2,900.00	$0.00	Remaining Early Cost						
[Contract No]_775.035 HOPHORNBEAM - AMERICAN 2-2.5 INCH CALIPER	$2,175.00	$0.00	Remaining Early Cost						
[Contract No]_775.431 LOCUST - HONEY - 'SHADEMASTER' 2-2.5 INCH CALIPER	$6,500.00	$0.00	Remaining Early Cost						
[Contract No]_776.523 MAPLE - RED - 'ARMSTRONG' 2-2.5 INCH CALIPER	$3,250.00	$0.00	Remaining Early Cost						
[Contract No]_776.529 MAPLE - RED- 'KARPICK' 2-2.5 INCH CAL	$1,300.00	$0.00	Remaining Early Cost						
[Contract No]_777.679 SWEETGUM-'HAPDELL' 2-2.5 INCH CAL	$1,875.00	$0.00	Remaining Early Cost						
[Contract No]_778.025 GINGKO-AUTUMN GOLD 2-2.5 INCH CAL	$9,100.00	$0.00	Remaining Early Cost						
[Contract No]_778.167 BIRCH - RIVER HERITAGE SINGLE STEM	$1,275.00	$0.00	Remaining Early Cost						
[Contract No]_778.409 CRABAPPLE-ADIRONDACK 2.5-3 INCH CAL	$7,150.00	$0.00	Remaining Early Cost						
[Contract No]_780.181 DOGWOOD-'CONSTELLATION' 1.5 INCH CAL	$350.00	$0.00	Remaining Early Cost						
[Contract No]_782.423 PEAR - CALLERY 2-2.5 INCH CALIPER	$4,635.00	$0.00	Remaining Early Cost						
[Contract No]_785.587 HOLLY - JAPANESE - 'HETZ' 24-30 INCH	$440.00	$0.00	Remaining Early Cost						
[Contract No]_786.031 JUNIPER - ANDORRA 18-24 INCH	$3,720.00	$0.00	Remaining Early Cost						
[Contract No]_786.083 JUNIPER-'BAR HARBOR' 18-24 INCH SPREAD	$936.00	$0.00	Remaining Early Cost						
[Contract No]_786.099 JUNIPER-'BLUE STAR' 12-18 INCH SPREAD	$4,032.00	$0.00	Remaining Early Cost						
[Contract No]_786.473 JUNIPER-'SEA GREEN' 24-30 INCH SPREAD	$468.00	$0.00	Remaining Early Cost						
[Contract No]_794.337 SUMAC-FRAGRANT-'GRO-LOW' 18-24 INCH SPREAD	$4,324.00	$0.00	Remaining Early Cost						
[Contract No]_794.805 SWEETFERN 2 GALLON	$891.00	$0.00	Remaining Early Cost						
[Contract No]_796.433 FOUNTAIN GRASS-'KARLEY ROSE' 1 GALLON	$2,604.00	$0.00	Remaining Early Cost						
[Contract No]_796.457 SWITCH GRASS-HEAVY METAL' 1 GALLON	$2,489.00	$0.00	Remaining Early Cost						
[Contract No]_796.459 SWITCH GRASS-'SHENENDOAH' 1 GALLON	$1,491.00	$0.00	Remaining Early Cost						
[Contract No]_796.727 CATMINT-'WALKERS LOW' 1 GALLON	$4,080.00	$0.00	Remaining Early Cost						
[Contract No]_796.753 DAYLILLY-'HAPPY RETURNS' 1 GALLON	$1,008.00	$0.00	Remaining Early Cost						
[Contract No]_796.757 DAYLILLY-'PURPLE RETURNS' 1 GALLON	$1,710.00	$0.00	Remaining Early Cost						
[Contract No]_796.761 DAYLILLY-'RED HOT RETURNS' 1 GALLON	$1,197.00	$0.00	Remaining Early Cost						
[Contract No]_804.3 3 INCH ELECTRICAL CONDUIT TYPE NM - PLASTIC	$456,750.00	$0.00	Remaining Early Cost						
[Contract No]_811.27 ELECTRIC HANDHOLE - (MUNICIPAL STANDARD)	$124,800.00	$0.00	Remaining Early Cost						
[Contract No]_811.31 PULL BOX 12X12	$35,000.00	$0.00	Remaining Early Cost						
[Contract No]_812.16 LIGHT FOUNDATION - CONCRETE	$123,000.00	$0.00	Remaining Early Cost						
[Contract No]_812.17 DEEP LIGHT FOUNDATION - CONCRETE	$34,000.00	$0.00	Remaining Early Cost						
[Contract No]_812.20 LIGHTING LOAD CENTER FOUNDATION	$15,000.00	$0.00	Remaining Early Cost						
[Contract No]_813.3 WIRE TYPE 7 NO 10 GENERAL PURPOSE	$55,510.00	$0.00	Remaining Early Cost						
[Contract No]_813.33 WIRE TYPE 7 NO 4 GENERAL PURPOSE	$28,050.00	$0.00	Remaining Early Cost						
[Contract No]_813.34 WIRE TYPE 7 NO 2 GENERAL PURPOSE	$184,228.00	$0.00	Remaining Early Cost						
[Contract No]_813.35 WIRE TYPE 7 NO 1 GENERAL PURPOSE	$1,620.00	$0.00	Remaining Early Cost						
[Contract No]_813.399 SPLICE EXTENSION FROM HANDHOLE TO LIGHTING FIXTURES	$59,400.00	$0.00	Remaining Early Cost						
[Contract No]_813.81 SERVICE CONNECTION (UNDERGROUND)	$35,000.00	$0.00	Remaining Early Cost						
[Contract No]_815.1 TRAFFIC CONTROL SIGNAL LOCATION 01	$275,000.00	$0.00	Remaining Early Cost						
[Contract No]_815.2 TRAFFIC CONTROL SIGNAL LOCATION 02	$225,000.00	$0.00	Remaining Early Cost						
[Contract No]_815.3 TRAFFIC CONTROL SIGNAL LOCATION 03	$200,000.00	$0.00	Remaining Early Cost						
[Contract No]_816.80 TRAFFIC CONTROL SIGNAL REMOVED AND STACKED	$15,000.00	$0.00	Remaining Early Cost						
[Contract No]_816.801 TRAFFIC CONTROL SIGNAL REMOVED AND STACKED	$15,000.00	$0.00	Remaining Early Cost						
[Contract No]_821.5 LIGHT POLE ANDSINGLE PENDANTLUMINAIRE W/ 8'ARM AND BANNERARM	$585,750.00	$0.00	Remaining Early Cost						
[Contract No]_821.51 LIGHT POLE ANDSINGLE PENDANTLUMINAIRE W/ 12'ARM AND BANNERARM	$115,050.00	$0.00	Remaining Early Cost						
[Contract No]_821.52 LIGHT POLE ARMAND SINGLEPENDANTLUMINAIRE W/ 4'ARM AND BANNERARM	$88,000.00	$0.00	Remaining Early Cost						
[Contract No]_821.53 LIGHT POLE ANDDOUBLE PENDANTLUMINAIRE ANDBANNER ARM	$42,000.00	$0.00	Remaining Early Cost						
[Contract No]_823.61 HIGHWAY LIGHTING LOAD CENTER NO.1	$30,000.00	$0.00	Remaining Early Cost						
[Contract No]_823.62 HIGHWAY LIGHTING LOAD CENTER NO.2	$30,000.00	$0.00	Remaining Early Cost						
[Contract No]_824.211 RECTANGULAR RAPID FLASHING BEACON (AC POWERED)	$25,000.00	$0.00	Remaining Early Cost						
[Contract No]_824.221 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 1	$25,000.00	$0.00	Remaining Early Cost						
[Contract No]_824.222 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 2	$25,000.00	$0.00	Remaining Early Cost						
[Contract No]_824.223 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 3	$25,000.00	$0.00	Remaining Early Cost						
[Contract No]_824.224 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 4	$25,000.00	$0.00	Remaining Early Cost						
[Contract No]_824.225 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 5	$25,000.00	$0.00	Remaining Early Cost						
[Contract No]_824.226 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 6	$25,000.00	$0.00	Remaining Early Cost						
[Contract No]_824.227 RECTANGULAR RAPID FLASHING BEACON (SOLAR)- LOC. NO. 7	$25,000.00	$0.00	Remaining Early Cost						
[Contract No]_832.0 WARNING-REGULATORY AND ROUTE MARKER - ALUM. PANEL (TYPE A)	$9,600.00	$0.00	Remaining Early Cost						
[Contract No]_833.5 DEMOUNTABLE REFLECTORIZED DELINEATOR - GUARD RAIL	$495.00	$0.00	Remaining Early Cost						
[Contract No]_833.7 DELINEATION FOR GUARD RAIL TERMINATION	$1,155.00	$0.00	Remaining Early Cost						
[Contract No]_847.1 SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL	$13,390.00	$0.00	Remaining Early Cost						
[Contract No]_850.41 ROADWAY FLAGGER	$57,120.00	$0.00	Remaining Early Cost	$1,053.87					
[Contract No]_851.1 TRAFFIC CONES FOR TRAFFIC MANAGEMENT	$288,150.00	$0.00	Remaining Early Cost	$5,316.41					
[Contract No]_852.0 SAFETY SIGNING FOR TRAFFIC MANAGEMENT	$30,310.00	$0.00	Remaining Early Cost	$559.22					
[Contract No]_852.11 TEMPORARY PEDESTRIAN BARRICADE	$22,500.00	$0.00	Remaining Early Cost	$415.13					
[Contract No]_852.12 TEMPORARY PEDESTRIAN CURB RAMP	$32,000.00	$0.00	Remaining Early Cost	$590.38					
[Contract No]_853.1 PORTABLE BREAKAWAY BARRICADE TYPE III	$1,000.00	$0.00	Remaining Early Cost	$18.45					
[Contract No]_853.2 TEMPORARY BARRIER (TL-2)	$72,000.00	$0.00	Remaining Early Cost	$1,328.41					
[Contract No]_853.21 TEMPORARY BARRIER REMOVED AND RESET	$19,800.00	$0.00	Remaining Early Cost	$365.31					
[Contract No]_853.501 TEMPORARY IMPACT ATTENUATOR REMOVED AND RESET	$11,000.00	$0.00	Remaining Early Cost	$202.95					
[Contract No]_853.63 TEMPORARY IMPACT ATTENUATOR UNIDIRECTIONAL REDIRECTIVE TL3	$42,000.00	$0.00	Remaining Early Cost	$774.94					
[Contract No]_853.80 TEMPORARY ILLUMINATION FOR WORK ZONE	$68,000.00	$0.00	Remaining Early Cost	$1,254.63					
[Contract No]_854.016 TEMPORARY PAVING MARKINGS - 6 INCH (PAINTED)	$24,679.00	$0.00	Remaining Early Cost	$455.33					
[Contract No]_854.1 PAVEMENT MARKING REMOVAL	$6,000.00	$0.00	Remaining Early Cost	$110.70					
[Contract No]_856.0 ARROW BOARD	$12,800.00	$0.00	Remaining Early Cost	$236.16					

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	1-Nov-20	1-Dec-20	1-Jan-21	1-Feb-21	1-Mar-21	1-Apr-21	1-May-21	1-Jun-21	1-Jul-21	1-Aug-21	1-Sep-21	1-Oct-21	1-Nov-21
Monthly Projection	$25,545.07	$77,720.00	$13,260.00	$16,053.33	$289,487.09	$484,190.10	$1,018,978.45	$554,038.58	$2,713,558.27	$546,680.12	$852,261.41	$925,347.18	$747,810.12
Cumulative Monthly Projection	$25,545.07	$103,265.07	$116,525.07	$132,578.40	$422,065.49	$906,255.59	$1,925,234.04	$2,479,272.62	$5,192,830.89	$5,739,511.01	$6,591,772.42	$7,517,119.60	$8,264,929.72
Monthly Total as % of Bid	0.13%	0.40%	0.07%	0.08%	1.47%	2.46%	5.18%	2.82%	13.80%	2.78%	4.33%	4.70%	3.80%
Cumulative Total as % of Bid	0.13%	0.53%	0.59%	0.67%	2.15%	4.61%	9.79%	12.61%	26.40%	29.18%	33.52%	38.22%	42.02%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Nov-20	1-Dec-20	1-Jan-21	1-Feb-21	1-Mar-21	1-Apr-21	1-May-21	1-Jun-21	1-Jul-21	1-Aug-21	1-Sep-21	1-Oct-21	1-Nov-21
[Contract No]_856.12 PORTABLE CHANGEABLE MESSAGE SIGN	$62,000.00	$0.00	Remaining Early Cost	$1,601.48				$1,487.08	$2,402.21	$2,287.82	$2,516.61	$2,402.21	$2,516.61	$2,402.21	$2,287.82	$2,173.43
[Contract No]_859.0 REFLECTORIZED DRUM	$12,000.00	$0.00	Remaining Early Cost	$309.96				$287.82	$464.94	$442.80	$487.08	$464.94	$487.08	$464.94	$442.80	$420.66
[Contract No]_864.04 PAVEMENT ARROW AND LEGENDS WHITE THERMO	$18,585.00	$0.00	Remaining Early Cost													
[Contract No]_864.35 SLOTTED PAVEMENT MARKER TWO-WAY YELLOW/YELLOW	$4,000.00	$0.00	Remaining Early Cost													
[Contract No]_866.106 6 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	$16,500.00	$0.00	Remaining Early Cost													
[Contract No]_866.112 12 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	$6,000.00	$0.00	Remaining Early Cost													
[Contract No]_867.106 6 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	$20,250.00	$0.00	Remaining Early Cost													
[Contract No]_867.112 12 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	$6,750.00	$0.00	Remaining Early Cost													
[Contract No]_874.0 STREET NAME SIGN	$600.00	$0.00	Remaining Early Cost													
[Contract No]_874.1 STREET NAME SIGN REMOVED AND RESET	$280.00	$0.00	Remaining Early Cost													
[Contract No]_874.2 TRAFFIC SIGN REMOVED AND RESET	$630.00	$0.00	Remaining Early Cost													
[Contract No]_874.41 TRAFFIC SIGN REMOVED AND DISCARDED	$1,350.00	$0.00	Remaining Early Cost													
[Contract No]_901.0 4000 PSI, 1.5 IN., 565 CEMENT CONCRETE	$18,750.00	$0.00	Remaining Early Cost													
[Contract No]_903.0 3000 PSI, 1.5 IN., 470 CEMENT CONCRETE	$9,000.00	$0.00	Remaining Early Cost													
[Contract No]_910.0 STEEL REINFORCEMENT FOR STRUCTURES	$1,250.00	$0.00	Remaining Early Cost													
[Contract No]_945.011 30 INCH UTILITY POLE CAISSON	$45,000.00	$0.00	Remaining Early Cost						$5,625.00	$39,375.00						
[Contract No]_945.102 DRILLED SHAFT EXCAVATION 3.5 FOOT DIAMETER	$101,750.00	$0.00	Remaining Early Cost													
[Contract No]_945.202 ROCK SOCKET EXCAVATION 3.5 FOOT DIAMETER	$48,750.00	$0.00	Remaining Early Cost													
[Contract No]_945.502 DRILLED SHAFT 3.5 FOOT DIAMETER	$57,000.00	$0.00	Remaining Early Cost													
[Contract No]_953.31 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 1	$25,000.00	$0.00	Remaining Early Cost										$25,000.00			
[Contract No]_953.32 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 2	$20,000.00	$0.00	Remaining Early Cost											$20,000.00		
[Contract No]_953.33 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 2	$25,000.00	$0.00	Remaining Early Cost													$25,000.00
[Contract No]_953.34 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 4	$25,000.00	$0.00	Remaining Early Cost													
[Contract No]_986.1 MODIFIED ROCKFILL	$51,425.00	$0.00	Remaining Early Cost													
[Contract No]_991.11 CONTROL OF WATER - LOCATION 1	$30,000.00	$0.00	Remaining Early Cost											$30,000.00		
[Contract No]_991.12 CONTROL OF WATER - LOCATION 2	$25,000.00	$0.00	Remaining Early Cost									$25,000.00				
[Contract No]_991.13 CONTROL OF WATER - LOCATION 3	$30,000.00	$0.00	Remaining Early Cost												$30,000.00	
[Contract No]_991.14 CONTROL OF WATER - LOCATION 4	$25,000.00	$0.00	Remaining Early Cost													
[Contract No]_992.33 COORDINATION AND SUPPORT OF GAS MAINS AT CULVERTS	$125,000.00	$0.00	Remaining Early Cost											$62,500.00	$62,500.00	
[Contract No]_996.01 WALL STRUCTURE- WALL NO. 1	$350,000.00	$0.00	Remaining Early Cost							$350,000.00						
[Contract No]_996.02 WALL STRUCTURE- WALL NO. 2	$2,057,000.00	$0.00	Remaining Early Cost									$2,057,000.00				
[Contract No]_997.1 SPECIAL DRAINAGE STRUCTURE NO. 1	$250,000.00	$0.00	Remaining Early Cost											$125,000.00	$125,000.00	
[Contract No]_997.2 SPECIAL DRAINAGE STRUCTURE NO. 2	$200,000.00	$0.00	Remaining Early Cost										$171,428.57	$28,571.43		
[Contract No]_997.3 SPECIAL DRAINAGE STRUCTURE NO. 3	$225,000.00	$0.00	Remaining Early Cost												$225,000.00	
[Contract No]_997.4 SPECIAL DRAINAGE STRUCTURE NO. 4	$175,000.00	$0.00	Remaining Early Cost													

[CONTRACTOR NAME]
[CONTRACT NO] + [CONTRACT DESCRIPTION]
Section 722 - Construction Scheduling & Projected Spending Report
[SCHEDULE BASIS]

	1-Dec-21	1-Jan-22	1-Feb-22	1-Mar-22	1-Apr-22	1-May-22	1-Jun-22	1-Jul-22	1-Aug-22	1-Sep-22	1-Oct-22	1-Nov-22
Monthly Projection	$0.00	$0.00	$0.00	$326,355.77	$996,201.62	$1,098,813.52	$1,084,327.58	$801,120.28	$752,876.56	$216,635.60	$337,052.75	$344,624.75
Cumulative Monthly Projection	$8,264,929.72	$8,264,929.72	$8,264,929.72	$8,591,285.49	$9,587,487.11	$10,686,300.63	$11,770,628.21	$12,571,748.49	$13,324,625.05	$13,541,260.65	$13,878,313.40	$14,222,938.15
Monthly Total as % of Bid	0.00%	0.00%	0.00%	1.66%	5.07%	5.59%	5.51%	4.07%	3.83%	1.10%	1.71%	1.75%
Cumulative Total as % of Bid	42.02%	42.02%	42.02%	43.68%	48.75%	54.33%	59.85%	63.92%	67.75%	68.85%	70.56%	72.32%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Dec-21	1-Jan-22	1-Feb-22	1-Mar-22	1-Apr-22	1-May-22	1-Jun-22	1-Jul-22	1-Aug-22	1-Sep-22	1-Oct-22	1-Nov-22
[Contract No]_856.12 PORTABLE CHANGEABLE MESSAGE SIGN	$62,000.00	$0.00	Remaining Early Cost				$1,487.08	$2,287.82	$2,402.21	$2,516.61	$2,287.82	$2,631.00	$2,402.21	$2,287.82	$2,173.43
[Contract No]_859.0 REFLECTORIZED DRUM	$12,000.00	$0.00	Remaining Early Cost				$287.82	$442.80	$464.94	$487.08	$442.80	$509.23	$464.94	$442.80	$420.66
[Contract No]_864.04 PAVEMENT ARROW AND LEGENDS WHITE THERMO	$18,585.00	$0.00	Remaining Early Cost												
[Contract No]_864.35 SLOTTED PAVEMENT MARKER TWO-WAY YELLOW/YELLOW	$4,000.00	$0.00	Remaining Early Cost												
[Contract No]_866.106 6 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	$16,500.00	$0.00	Remaining Early Cost												
[Contract No]_866.112 12 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	$6,000.00	$0.00	Remaining Early Cost												
[Contract No]_867.106 6 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	$20,250.00	$0.00	Remaining Early Cost												
[Contract No]_867.112 12 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	$6,750.00	$0.00	Remaining Early Cost												
[Contract No]_874.0 STREET NAME SIGN	$600.00	$0.00	Remaining Early Cost												
[Contract No]_874.1 STREET NAME SIGN REMOVED AND RESET	$280.00	$0.00	Remaining Early Cost												
[Contract No]_874.2 TRAFFIC SIGN REMOVED AND RESET	$630.00	$0.00	Remaining Early Cost												
[Contract No]_874.41 TRAFFIC SIGN REMOVED AND DISCARDED	$1,350.00	$0.00	Remaining Early Cost												
[Contract No]_901.0 4000 PSI, 1.5 IN., 565 CEMENT CONCRETE	$18,750.00	$0.00	Remaining Early Cost												
[Contract No]_903.0 3000 PSI, 1.5 IN., 470 CEMENT CONCRETE	$9,000.00	$0.00	Remaining Early Cost												
[Contract No]_910.0 STEEL REINFORCEMENT FOR STRUCTURES	$1,250.00	$0.00	Remaining Early Cost							$208.33	$1,041.67				
[Contract No]_945.011 30 INCH UTILITY POLE CAISSON	$45,000.00	$0.00	Remaining Early Cost												
[Contract No]_945.102 DRILLED SHAFT EXCAVATION 3.5 FOOT DIAMETER	$101,750.00	$0.00	Remaining Early Cost					$33,300.00		$35,150.00					
[Contract No]_945.202 ROCK SOCKET EXCAVATION 3.5 FOOT DIAMETER	$48,750.00	$0.00	Remaining Early Cost					$16,250.00		$16,250.00					
[Contract No]_945.502 DRILLED SHAFT 3.5 FOOT DIAMETER	$57,000.00	$0.00	Remaining Early Cost					$19,000.00		$19,000.00					
[Contract No]_953.31 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 1	$25,000.00	$0.00	Remaining Early Cost												
[Contract No]_953.32 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 2	$20,000.00	$0.00	Remaining Early Cost												
[Contract No]_953.33 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 2	$25,000.00	$0.00	Remaining Early Cost												
[Contract No]_953.34 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 4	$25,000.00	$0.00	Remaining Early Cost					$10,416.67	$14,583.33						
[Contract No]_986.1 MODIFIED ROCKFILL	$51,425.00	$0.00	Remaining Early Cost											$25,685.00	
[Contract No]_991.11 CONTROL OF WATER - LOCATION 1	$30,000.00	$0.00	Remaining Early Cost												
[Contract No]_991.12 CONTROL OF WATER - LOCATION 2	$25,000.00	$0.00	Remaining Early Cost												
[Contract No]_991.13 CONTROL OF WATER - LOCATION 3	$30,000.00	$0.00	Remaining Early Cost												
[Contract No]_991.14 CONTROL OF WATER - LOCATION 4	$25,000.00	$0.00	Remaining Early Cost							$25,000.00					
[Contract No]_992.33 COORDINATION AND SUPPORT OF GAS MAINS AT CULVERTS	$125,000.00	$0.00	Remaining Early Cost												
[Contract No]_996.01 WALL STRUCTURE- WALL NO. 1	$350,000.00	$0.00	Remaining Early Cost												
[Contract No]_996.02 WALL STRUCTURE- WALL NO. 2	$2,057,000.00	$0.00	Remaining Early Cost												
[Contract No]_997.1 SPECIAL DRAINAGE STRUCTURE NO. 1	$250,000.00	$0.00	Remaining Early Cost												
[Contract No]_997.2 SPECIAL DRAINAGE STRUCTURE NO. 2	$200,000.00	$0.00	Remaining Early Cost												
[Contract No]_997.3 SPECIAL DRAINAGE STRUCTURE NO. 3	$225,000.00	$0.00	Remaining Early Cost												
[Contract No]_997.4 SPECIAL DRAINAGE STRUCTURE NO. 4	$175,000.00	$0.00	Remaining Early Cost								$175,000.00				

[CONTRACTOR NAME]
[CONTRACT NO] + [CONTRACT DESCRIPTION]
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	1-Dec-22	1-Jan-23	1-Feb-23	1-Mar-23	1-Apr-23	1-May-23	1-Jun-23	1-Jul-23	1-Aug-23	1-Sep-23	1-Oct-23
Monthly Projection	$0.00	$0.00	$0.00	$75,283.74	$609,081.11	$252,069.54	$223,431.58	$618,283.20	$508,224.97	$886,566.96	$1,554,928.10
Cumulative Monthly Projection	$14,222,938.15	$14,222,938.15	$14,222,938.15	$14,298,221.89	$14,907,303.00	$15,159,372.54	$15,382,804.12	$16,001,087.32	$16,509,312.29	$17,395,879.25	$18,950,807.35
Monthly Total as % of Bid	0.00%	0.00%	0.00%	0.38%	3.10%	1.28%	1.14%	3.14%	2.58%	4.51%	7.91%
Cumulative Total as % of Bid	72.32%	72.32%	72.32%	72.70%	75.80%	77.08%	78.21%	81.36%	83.94%	88.45%	96.36%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Dec-22	1-Jan-23	1-Feb-23	1-Mar-23	1-Apr-23	1-May-23	1-Jun-23	1-Jul-23	1-Aug-23	1-Sep-23	1-Oct-23
[Contract No]_856.12 PORTABLE CHANGEABLE MESSAGE SIGN	$62,000.00	$0.00	Remaining Early Cost				$1,487.08	$2,173.43	$2,516.61	$2,516.61	$2,287.82	$2,631.00	$2,287.82	$2,402.21
[Contract No]_859.0 REFLECTORIZED DRUM	$12,000.00	$0.00	Remaining Early Cost				$287.82	$420.66	$487.08	$487.08	$442.80	$509.23	$442.80	$464.94
[Contract No]_864.04 PAVEMENT ARROW AND LEGENDS WHITE THERMO	$18,585.00	$0.00	Remaining Early Cost											$15,487.50
[Contract No]_864.35 SLOTTED PAVEMENT MARKER TWO-WAY YELLOW/YELLOW	$4,000.00	$0.00	Remaining Early Cost											$3,333.33
[Contract No]_866.106 6 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	$16,500.00	$0.00	Remaining Early Cost											$13,750.00
[Contract No]_866.112 12 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	$6,000.00	$0.00	Remaining Early Cost											$5,000.00
[Contract No]_867.106 6 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	$20,250.00	$0.00	Remaining Early Cost											$16,875.00
[Contract No]_867.112 12 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	$6,750.00	$0.00	Remaining Early Cost											$5,625.00
[Contract No]_874.0 STREET NAME SIGN	$600.00	$0.00	Remaining Early Cost										$400.00	$200.00
[Contract No]_874.1 STREET NAME SIGN REMOVED AND RESET	$280.00	$0.00	Remaining Early Cost										$186.67	$93.33
[Contract No]_874.2 TRAFFIC SIGN REMOVED AND RESET	$630.00	$0.00	Remaining Early Cost										$420.00	$210.00
[Contract No]_874.41 TRAFFIC SIGN REMOVED AND DISCARDED	$1,350.00	$0.00	Remaining Early Cost										$900.00	$450.00
[Contract No]_901.0 4000 PSI, 1.5 IN., 565 CEMENT CONCRETE	$18,750.00	$0.00	Remaining Early Cost									$18,750.00		
[Contract No]_903.0 3000 PSI, 1.5 IN., 470 CEMENT CONCRETE	$9,000.00	$0.00	Remaining Early Cost									$9,000.00		
[Contract No]_910.0 STEEL REINFORCEMENT FOR STRUCTURES	$1,250.00	$0.00	Remaining Early Cost											
[Contract No]_945.011 30 INCH UTILITY POLE CAISSON	$45,000.00	$0.00	Remaining Early Cost											
[Contract No]_945.102 DRILLED SHAFT EXCAVATION 3.5 FOOT DIAMETER	$101,750.00	$0.00	Remaining Early Cost						$33,300.00					
[Contract No]_945.202 ROCK SOCKET EXCAVATION 3.5 FOOT DIAMETER	$48,750.00	$0.00	Remaining Early Cost						$16,250.00					
[Contract No]_945.502 DRILLED SHAFT 3.5 FOOT DIAMETER	$57,000.00	$0.00	Remaining Early Cost						$19,000.00					
[Contract No]_953.31 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 1	$25,000.00	$0.00	Remaining Early Cost											
[Contract No]_953.32 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 2	$20,000.00	$0.00	Remaining Early Cost											
[Contract No]_953.33 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 2	$25,000.00	$0.00	Remaining Early Cost											
[Contract No]_953.34 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 4	$25,000.00	$0.00	Remaining Early Cost											
[Contract No]_986.1 MODIFIED ROCKFILL	$51,425.00	$0.00	Remaining Early Cost						$25,740.00					
[Contract No]_991.11 CONTROL OF WATER - LOCATION 1	$30,000.00	$0.00	Remaining Early Cost											
[Contract No]_991.12 CONTROL OF WATER - LOCATION 2	$25,000.00	$0.00	Remaining Early Cost											
[Contract No]_991.13 CONTROL OF WATER - LOCATION 3	$30,000.00	$0.00	Remaining Early Cost											
[Contract No]_991.14 CONTROL OF WATER - LOCATION 4	$25,000.00	$0.00	Remaining Early Cost											
[Contract No]_992.33 COORDINATION AND SUPPORT OF GAS MAINS AT CULVERTS	$125,000.00	$0.00	Remaining Early Cost											
[Contract No]_996.01 WALL STRUCTURE- WALL NO. 1	$350,000.00	$0.00	Remaining Early Cost											
[Contract No]_996.02 WALL STRUCTURE- WALL NO. 2	$2,057,000.00	$0.00	Remaining Early Cost											
[Contract No]_997.1 SPECIAL DRAINAGE STRUCTURE NO. 1	$250,000.00	$0.00	Remaining Early Cost											
[Contract No]_997.2 SPECIAL DRAINAGE STRUCTURE NO. 2	$200,000.00	$0.00	Remaining Early Cost											
[Contract No]_997.3 SPECIAL DRAINAGE STRUCTURE NO. 3	$225,000.00	$0.00	Remaining Early Cost											
[Contract No]_997.4 SPECIAL DRAINAGE STRUCTURE NO. 4	$175,000.00	$0.00	Remaining Early Cost											

[CONTRACTOR NAME]
[CONTRACT NO] + [CONTRACT DESCRIPTION]
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	1-Nov-23	1-Dec-23	1-Jan-24	1-Feb-24	1-Mar-24	1-Apr-24
Monthly Projection	$412,760.66	$87,248.00	$21,812.00	$0.00	$0.00	$195,000.00
Cumulative Monthly Projection	$19,363,568.01	$19,450,816.01	$19,472,628.01	$19,472,628.01	$19,472,628.01	$19,667,628.01
Monthly Total as % of Bid	2.10%	0.44%	0.11%	0.00%	0.00%	0.99%
Cumulative Total as % of Bid	98.45%	98.90%	99.01%	99.01%	99.01%	100.00%

Activity Name	Budgeted Cost	Actual Cost	Spreadsheet Field	1-Nov-23	1-Dec-23	1-Jan-24	1-Feb-24	1-Mar-24	1-Apr-24
[Contract No]_856.12 PORTABLE CHANGEABLE MESSAGE SIGN	$62,000.00	$0.00	Remaining Early Cost	$1,143.91					
[Contract No]_859.0 REFLECTORIZED DRUM	$12,000.00	$0.00	Remaining Early Cost	$221.40					
[Contract No]_864.04 PAVEMENT ARROW AND LEGENDS WHITE THERMO	$18,585.00	$0.00	Remaining Early Cost	$3,097.50					
[Contract No]_864.35 SLOTTED PAVEMENT MARKER TWO-WAY YELLOW/YELLOW	$4,000.00	$0.00	Remaining Early Cost	$666.67					
[Contract No]_866.106 6 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	$16,500.00	$0.00	Remaining Early Cost	$2,750.00					
[Contract No]_866.112 12 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC)	$6,000.00	$0.00	Remaining Early Cost	$1,000.00					
[Contract No]_867.106 6 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	$20,250.00	$0.00	Remaining Early Cost	$3,375.00					
[Contract No]_867.112 12 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC)	$6,750.00	$0.00	Remaining Early Cost	$1,125.00					
[Contract No]_874.0 STREET NAME SIGN	$600.00	$0.00	Remaining Early Cost						
[Contract No]_874.1 STREET NAME SIGN REMOVED AND RESET	$280.00	$0.00	Remaining Early Cost						
[Contract No]_874.2 TRAFFIC SIGN REMOVED AND RESET	$630.00	$0.00	Remaining Early Cost						
[Contract No]_874.41 TRAFFIC SIGN REMOVED AND DISCARDED	$1,350.00	$0.00	Remaining Early Cost						
[Contract No]_901.0 4000 PSI, 1.5 IN., 565 CEMENT CONCRETE	$18,750.00	$0.00	Remaining Early Cost						
[Contract No]_903.0 3000 PSI, 1.5 IN., 470 CEMENT CONCRETE	$9,000.00	$0.00	Remaining Early Cost						
[Contract No]_910.0 STEEL REINFORCEMENT FOR STRUCTURES	$1,250.00	$0.00	Remaining Early Cost						
[Contract No]_945.011 30 INCH UTILITY POLE CAISSON	$45,000.00	$0.00	Remaining Early Cost						
[Contract No]_945.102 DRILLED SHAFT EXCAVATION 3.5 FOOT DIAMETER	$101,750.00	$0.00	Remaining Early Cost						
[Contract No]_945.202 ROCK SOCKET EXCAVATION 3.5 FOOT DIAMETER	$48,750.00	$0.00	Remaining Early Cost						
[Contract No]_945.502 DRILLED SHAFT 3.5 FOOT DIAMETER	$57,000.00	$0.00	Remaining Early Cost						
[Contract No]_953.31 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 1	$25,000.00	$0.00	Remaining Early Cost						
[Contract No]_953.32 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 2	$20,000.00	$0.00	Remaining Early Cost						
[Contract No]_953.33 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 2	$25,000.00	$0.00	Remaining Early Cost						
[Contract No]_953.34 EXCAVATION SUPPORT SYSTEM SPECIAL DRAINAGE STRUCTURE NO. 4	$25,000.00	$0.00	Remaining Early Cost						
[Contract No]_986.1 MODIFIED ROCKFILL	$51,425.00	$0.00	Remaining Early Cost						
[Contract No]_991.11 CONTROL OF WATER - LOCATION 1	$30,000.00	$0.00	Remaining Early Cost						
[Contract No]_991.12 CONTROL OF WATER - LOCATION 2	$25,000.00	$0.00	Remaining Early Cost						
[Contract No]_991.13 CONTROL OF WATER - LOCATION 3	$30,000.00	$0.00	Remaining Early Cost						
[Contract No]_991.14 CONTROL OF WATER - LOCATION 4	$25,000.00	$0.00	Remaining Early Cost						
[Contract No]_992.33 COORDINATION AND SUPPORT OF GAS MAINS AT CULVERTS	$125,000.00	$0.00	Remaining Early Cost						
[Contract No]_996.01 WALL STRUCTURE- WALL NO. 1	$350,000.00	$0.00	Remaining Early Cost						
[Contract No]_996.02 WALL STRUCTURE- WALL NO. 2	$2,057,000.00	$0.00	Remaining Early Cost						
[Contract No]_997.1 SPECIAL DRAINAGE STRUCTURE NO. 1	$250,000.00	$0.00	Remaining Early Cost						
[Contract No]_997.2 SPECIAL DRAINAGE STRUCTURE NO. 2	$200,000.00	$0.00	Remaining Early Cost						
[Contract No]_997.3 SPECIAL DRAINAGE STRUCTURE NO. 3	$225,000.00	$0.00	Remaining Early Cost						
[Contract No]_997.4 SPECIAL DRAINAGE STRUCTURE NO. 4	$175,000.00	$0.00	Remaining Early Cost						

ATTACHMENT G: SAMPLE NARRATIVE REPORTS

Design-Bid Baseline Narrative Template – Type A&B Schedule

1. **Preliminary Section:**

Schedule Submittal Identification: Update Period: NA
Data Date: MM/DD/YYYY (date of Notice to Proceed)
Schedule File Name*: Contract#-Project#* - Town(s) - Baseline Rxx (DD YYYY-MM-DD).xer
Previous Schedule File Name: *(Insert Name of previous schedule current schedule is based upon)*

Schedule Submittal Log

Schedule	File Name	Data Date	Date Submitted by Contractor	Date Review Returned to Contractor (Outcome)
Baseline Rev 00	Cxxxxxx BL00.xer	1/12/2022	1/23/2022	2/15/2022 (rejected)
Baseline Rev 01	Cxxxxxx BL01.xer	1/12/2022	2/25/2022	3/2/2022 (rejected)
Baseline Rev 02	Cxxxxxx BL02.xer	1/12/2022	3/5/2022	3/15/2022 (rejected)
Baseline Rev 03	Cxxxxxx BL03.xer	1/12/2022	3/17/2022	pending

Schedule Milestone Chart

The table below depicts Contractual and Interim milestone activities utilized in the Schedule:

MILESTONES			Contractual or Baseline Milestones	Past Submission: BL02 12-Jan-22		Current Submission BL03 12-Jan-22		
DOT Milestone #	Contractor Activity Name	Contractor Activity ID	Dates	Dates	Contract Variance in CD	Dates	Contract Variance in CD	Update Variance in CD
MS #0	Notice To Proceed (January 12, 2022)	CXXXXXX-1000	12-Jan-22	12-Jan-22	0	12-Jan-22	0	0
MS #3	Full Beneficial Use	CXXXXXX-MS03	28-Feb-26	23-Sep-25	158	1-Oct-25	151	-8
MS #2	Substantial Completion Confirmation by MassDOT	CXXXXXX-MS02	21-Mar-26	14-Oct-25	158	22-Oct-25	151	-8
MS #1	Contractor Field Completion (CFC) (April 26, 2026)	CXXXXXX-MS01	26-Apr-26	19-Nov-25	158	21-Nov-25	157	-2

2. **Narrative Section:**

- ***Detailed discussion of Early Release Packages***
- ***Detailed Discussion of Permitting and/or existing Permit Amendments***
- ***Detailed Discussion of Early Action Construction Submittals***
- ***Detailed Discussion of ATC Change Proposals***
- ***Description of General Sequence of Work Section:*** *Example: The Design-Builder will begin design of the Phase 1 utility enabling work, then mobilize to the Project and perform the operations necessary for utility enabling. Following the enabling operations, the utility companies will mobilize and perform….*

- ***Description of Longest Path:*** *Example: The critical path starts with the submittal and approval of the SWPPP plan followed by the installation of the erosion controls, then …). The path starts with (proceed to describe critical / longest path and identify true concurrent longest paths…)*

- **Narrative Description/Verification of all Contractual Limitations of Operations:**

- **Narrative Description/Verification of Limitations Introduced by the Contactor:**

- **Narrative Verification of:**
  - All work that will (or won't) be progressed through the winter (based upon requirements identified in the Special Provisions)
  - Physical / Site Access Restraints
  - Utility Work Access/Restrictions
  - Work Schedules (including holidays, shifts, calendars, seasonal work), and environmental restrictions.

- ***Planned Resources General Discussion of Resource Requirements*** *(Note that for Type A&B Schedules, further information/greater detail will need to be provided in the Resource Section of the Baseline Narrative)*

  - Labor
  - Equipment

- ***Identification of Work Responsibility***
  - List Subcontracted work
- **Detailed Discussion of Fabrication and Long-lead Procurement Items**
  - Include a list of Delivery Need Dates to meet Schedule Demands
- ***General Discussion of Cash Flow Projections / PSR*** *(Note that for Type A&B Schedules, further information/greater detail will need to be provided in the Cost Section of the Baseline Narrative)*

3. **Calendars Section:**

   - Identification/confirmation that all calendar settings extend 3-years beyond CFC.

4. **Constraints/Logic Section:**

   - Description of changes if made between baseline revisions

5. **Project Scope Section:**

   - Design-Builders Description of compliance with the timing of the access restraints established specifically for utility relocations.

6. **Milestones Section:**

   - Identification / Explanation for any unspecified Milestones being requested by Design-Builder.

7. **Critical Path Section:**

   - A detailed, **written summary** of the critical path that may be supported by snapshots should the scheduler choose. Copying and pasting tables exported from the Schedule will no longer be acceptable. The written summary should detail what priority submittals are most critical to maintaining the schedule.

   - Confirmation that the late finish date shown on the Schedule is the same as the specified Contract Completion.

   - Identification of the percentage of all unfinished activities on the Critical/Longest Path to all unfinished activities within the schedule.

   - A detailed, **written summary** of additional "near critical" (<20 days float) path(s) including required submittals that need to be addressed in a timely manner to avoid the path(s) becoming critical.

8. **Cost Loading Section:**

- Confirmation summarized cost loading equals total bid value.
- Confirmation summarized cost loading by cost account equals total bid value.
- Confirmation only “Base Bid” cost loading is included.
- Identification of Materials on Hand as an upfront cost.
- Provide a summary cost-loading Histogram graphic (.jpg or .png format) per month depicting the early and late per period values from the schedule
- Provide a summary cumulative ‘S-Curve’ cost-loading graphic (.jpg or .png format) per month depicting both the early and late curves from the schedule.

9. <u>Resource Loading Section:</u>

- Provide information as to how resource loading was performed (either by individuals or crews).
- Provide crew structure details if resource loading is by crews.
- Provide peak labor head count forecast utilizing the Early Dates.
- Provide peak labor head count forecast utilizing the Late Dates.
- Generate/provide a summary monthly average labor hours-loading histogram or line graphic (.jpg or .png) depicting the early and late per period values from the schedule.

10. <u>Response to Comments Section:</u>

- Include a snapshot of the previous comment which includes the name of the ForECAST Report Section.

Design-Bid Baseline Narrative Template – Type C Schedule

1. **Preliminary Section:**

Schedule Submittal Identification: Update Period: NA
Data Date: MM/DD/YYYY (date of Notice to Proceed)
Schedule File Name*: Contract#-Project#* - Town(s) - Baseline Rxx (DD YYYY-MM-DD).xer
Previous Schedule File Name: *(Insert Name of previous schedule current schedule is based upon)*

Schedule Submittal Log

Schedule	File Name	Data Date	Date Submitted by Contractor	Date Review Returned to Contractor (Outcome)
Baseline Rev 00	Cxxxxxx BL00.xer	1/12/2022	1/23/2022	2/15/2022 (rejected)
Baseline Rev 01	Cxxxxxx BL01.xer	1/12/2022	2/25/2022	3/2/2022 (rejected)
Baseline Rev 02	Cxxxxxx BL02.xer	1/12/2022	3/5/2022	3/15/2022 (rejected)
Baseline Rev 03	Cxxxxxx BL03.xer	1/12/2022	3/17/2022	pending

Schedule Milestone Chart

The table below depicts Contractual and Interim milestone activities utilized in the Schedule:

MILESTONES			Contractual or Baseline Milestones	Past Submission: BL02 12-Jan-22		Current Submission BL03 12-Jan-22		
DOT Milestone #	Contractor Activity Name	Contractor Activity ID	Dates	Dates	Contract Variance in CD	Dates	Contract Variance in CD	Update Variance in CD
MS #0	Notice To Proceed (January 12, 2022)	CXXXXXX-1000	12-Jan-22	12-Jan-22	0	12-Jan-22	0	0
MS #3	Full Beneficial Use	CXXXXXX-MS03	28-Feb-26	23-Sep-25	158	1-Oct-25	151	-8
MS #2	Substantial Completion Confirmation by MassDOT	CXXXXXX-MS02	21-Mar-26	14-Oct-25	158	22-Oct-25	151	-8
MS #1	Contractor Field Completion (CFC) (April 26, 2026)	CXXXXXX-MS01	26-Apr-26	19-Nov-25	158	21-Nov-25	157	-2

2. **Narrative Section:**

- ***Detailed discussion of Early Release Packages***
- ***Detailed Discussion of Permitting and/or existing Permit Amendments***
- ***Detailed Discussion of Early Action Construction Submittals***
- ***Detailed Discussion of ATC Change Proposals***
- ***Description of General Sequence of Work Section:*** *Example: The Design-Builder will begin design of the Phase 1 utility enabling work, then mobilize to the Project and perform the operations necessary for utility enabling. Following the enabling operations, the utility companies will mobilize and perform….*

- ***Description of Longest Path:*** *Example: The critical path starts with the submittal and approval of the SWPPP plan followed by the installation of the erosion controls, then …). The path starts with (proceed to describe critical / longest path and identify true concurrent longest paths…)*

- **Narrative Description/Verification of all Contractual Limitations of Operations:**

- **Narrative Description/Verification of Limitations Introduced by the Contactor:**

- **Narrative Verification of:**
  - All work that will (or won't) be progressed through the winter (based upon requirements identified in the Special Provisions)
  - Physical / Site Access Restraints
  - Utility Work Access/Restrictions
  - Work Schedules (including holidays, shifts, calendars, seasonal work), and environmental restrictions.

- ***Planned Resources General Discussion of Resource Requirements*** *(Note that for Type A&B Schedules, further information/greater detail will need to be provided in the Resource Section of the Baseline Narrative)*
  - Labor
  - Equipment
- ***Identification of Work Responsibility***
  - List Subcontracted work
- **Detailed Discussion of Fabrication and Long-lead Procurement Items**
  - Include a list of Delivery Need Dates to meet Schedule Demands
- ***General Discussion of Cash Flow Projections / PSR*** *(Note that for Type A&B Schedules, further information/greater detail will need to be provided in the Cost Section of the Baseline Narrative)*

3. **Calendars Section:**

   - Identification/confirmation that all calendar settings extend 3-years beyond CFC.

4. **Constraints/Logic Section:**

   - Description of changes if made between baseline revisions

5. **Project Scope Section:**

   - Design-Builders Description of compliance with the timing of the access restraints established specifically for utility relocations.

6. **Milestones Section:**

   - Identification / Explanation for any unspecified Milestones being requested by Design-Builder.

7. **Critical Path Section:**

   - A detailed, **written summary** of the critical path that may be supported by snapshots should the scheduler choose. Copying and pasting tables exported from the Schedule will no longer be acceptable. The written summary should detail what priority submittals are most critical to maintaining the schedule.

   - Confirmation that the late finish date shown on the Schedule is the same as the specified Contract Completion.

   - Identification of the percentage of all unfinished activities on the Critical/Longest Path to all unfinished activities within the schedule.

   - A detailed, **written summary** of additional "near critical" (<20 days float) path(s) including required submittals that need to be addressed in a timely manner to avoid the path(s) becoming critical.

8. **Response to Comments Section:**

   - Include a snapshot of the previous comment which includes the name of the ForECAST Report Section.

Design-Bid-Build Baseline Narrative Template – Type A&B Schedule

1. **Preliminary Section:**

Schedule Submittal Identification: Update Period: NA
Data Date: MM/DD/YYYY (date of Notice to Proceed)
Schedule File Name*: Contract#-Project#* - Town(s) - Baseline Rxx (DD YYYY-MM-DD).xer
Previous Schedule File Name: *(Insert Name of previous schedule current schedule is based upon)*

Schedule Submittal Log

Schedule	File Name	Data Date	Date Submitted by Contractor	Date Review Returned to Contractor (Outcome)
Baseline Rev 00	Cxxxxxx BL00.xer	1/12/2022	1/23/2022	2/15/2022 (rejected)
Baseline Rev 01	Cxxxxxx BL01.xer	1/12/2022	2/25/2022	3/2/2022 (rejected)
Baseline Rev 02	Cxxxxxx BL02.xer	1/12/2022	3/5/2022	3/15/2022 (rejected)
Baseline Rev 03	Cxxxxxx BL03.xer	1/12/2022	3/17/2022	pending

Schedule Milestone Chart

The table below depicts Contractual and Interim milestone activities utilized in the Schedule:

MILESTONES			Contractual or Baseline Milestones	Past Submission: BL02 12-Jan-22		Current Submission BL03 12-Jan-22		
DOT Milestone #	Contractor Activity Name	Contractor Activity ID	Dates	Dates	Contract Variance in CD	Dates	Contract Variance in CD	Update Variance in CD
MS #0	Notice To Proceed (January 12, 2022)	CXXXXXX-1000	12-Jan-22	12-Jan-22	0	12-Jan-22	0	0
MS #3	Full Beneficial Use	CXXXXXX-MS03	28-Feb-26	23-Sep-25	158	1-Oct-25	151	-8
MS #2	Substantial Completion Confirmation by MassDOT	CXXXXXX-MS02	21-Mar-26	14-Oct-25	158	22-Oct-25	151	-8
MS #1	Contractor Field Completion (CFC) (April 26, 2026)	CXXXXXX-MS01	26-Apr-26	19-Nov-25	158	21-Nov-25	157	-2

2. **Narrative Section:**

- ***Description of General Sequence of Work Section:*** *Example: The Contractor will mobilize to the Project and perform the operations necessary for utility enabling. Following the enabling operations, the utility companies will mobilize and perform….*

- ***Description of Longest Path:*** *Example: The critical path starts with the submittal and approval of the SWPPP plan followed by the installation of the erosion controls, then …). The path starts with (proceed to describe critical / longest path and identify true concurrent longest paths…)*

- **Narrative Description/Verification of all Contractual Limitations of Operations:**

- **Narrative Description/Verification of Limitations Introduced by the Contactor:**

- **Narrative Verification of:**

    - All work that will (or won't) be progressed through the winter (based upon requirements identified in the Special Provisions)
    - Physical / Site Access Restraints
    - Utility Work Access/Restrictions
    - Work Schedules (including holidays, shifts, calendars, seasonal work), and environmental

restrictions.

- Planned Resources General Discussion of Resource Requirements *(Note that for Type A&B Schedules, further information/greater detail will need to be provided in the Resource Section of the Baseline Narrative)*
  - Labor
  - Equipment
- Identification of Work Responsibility
  - List Subcontracted work
- General Discussion of Cash Flow Projections / PSR *(Note that for Type A Schedules, further information/greater detail will need to be provided in the Cost Section of the Baseline Narrative)*

3. **Calendars Section:**
   - Identification/confirmation that all calendar settings extend 3-years beyond CFC.
4. **Constraints/Logic Section:**
   - Description of changes if made between baseline revisions
5. **Project Scope Section:**
   - Contractor/s Description of compliance with the timing of the access restraints established specifically for utility relocations.
6. **Milestones Section:**
   - Identification / Explanation for any unspecified Milestones being requested by Contractor.
7. **Critical Path Section:**
   - A detailed, **written summary** of the critical path that may be supported by snapshots should the scheduler choose. Copying and pasting tables exported from the Schedule will no longer be acceptable. The written summary should detail what priority submittals are most critical to maintaining the schedule.
   - Confirmation that the late finish date shown on the Schedule is the same as the specified Contract Completion.
   - Identification of the percentage of all unfinished activities on the Critical/Longest Path to all unfinished activities within the schedule.
   - A detailed, **written summary** of additional "near critical" (<20 days float) path(s) including required submittals that need to be addressed in a timely manner to avoid the path(s) becoming critical.
8. **Cost Loading Section:**
   - Confirmation summarized cost loading equals total bid value.
   - Confirmation summarized cost loading by cost account equals total bid value.
   - Confirmation only "Base Bid" cost loading is included.
   - Identification of Materials on Hand as an upfront cost.

- Provide a summary cost-loading Histogram graphic (.jpg or .png format) per month depicting the early and late per period values from the schedule

- Provide a summary cumulative 'S-Curve' cost-loading graphic (.jpg or .png format) per month depicting both the early and late curves from the schedule.

9. <u>Resource Loading Section:</u>

- Provide information as to how resource loading was performed (either by individuals or crews).

- Provide crew structure details if resource loading is by crews.

- Provide peak labor head count forecast utilizing the Early Dates.

- Provide peak labor head count forecast utilizing the Late Dates.

- Generate/provide a summary monthly average labor hours-loading histogram or line graphic (.jpg or .png) depicting the early and late per period values from the schedule.

10. <u>Response to Comments Section:</u>

- Include a snapshot of the previous comment which includes the name of the ForECAST Report Section.

Design-Bid-Build Baseline Narrative Template – Type C Schedule

1. **Preliminary Section:**

Schedule Submittal Identification: Update Period: NA
Data Date: MM/DD/YYYY (date of Notice to Proceed)
Schedule File Name*: Contract#-Project#* - Town(s) - Baseline Rxx (DD YYYY-MM-DD).xer
Previous Schedule File Name: *(Insert Name of previous schedule current schedule is based upon)*

Schedule Submittal Log

Schedule	File Name	Data Date	Date Submitted by Contractor	Date Review Returned to Contractor (Outcome)
Baseline Rev 00	Cxxxxxx BL00.xer	1/12/2022	1/23/2022	2/15/2022 (rejected)
Baseline Rev 01	Cxxxxxx BL01.xer	1/12/2022	2/25/2022	3/2/2022 (rejected)
Baseline Rev 02	Cxxxxxx BL02.xer	1/12/2022	3/5/2022	3/15/2022 (rejected)
Baseline Rev 03	Cxxxxxx BL03.xer	1/12/2022	3/17/2022	pending

Schedule Milestone Chart

The table below depicts Contractual and Interim milestone activities utilized in the Schedule:

MILESTONES			Contractual or Baseline Milestones	Past Submission: BL02 12-Jan-22		Current Submission BL03 12-Jan-22		
DOT Milestone #	Contractor Activity Name	Contractor Activity ID	Dates	Dates	Contract Variance in CD	Dates	Contract Variance in CD	Update Variance in CD
MS #0	Notice To Proceed (January 12, 2022)	CXXXXXX-1000	12-Jan-22	12-Jan-22	0	12-Jan-22	0	0
MS #3	Full Beneficial Use	CXXXXXX-MS03	28-Feb-26	23-Sep-25	158	1-Oct-25	151	-8
MS #2	Substantial Completion Confirmation by MassDOT	CXXXXXX-MS02	21-Mar-26	14-Oct-25	158	22-Oct-25	151	-8
MS #1	Contractor Field Completion (CFC) (April 26, 2026)	CXXXXXX-MS01	26-Apr-26	19-Nov-25	158	21-Nov-25	157	-2

2. **Narrative Section:**

- ***Description of General Sequence of Work Section:*** *Example: The Contractor will mobilize to the Project and perform the operations necessary for utility enabling. Following the enabling operations, the utility companies will mobilize and perform….*

- ***Description of Longest Path:*** *Example: The critical path starts with the submittal and approval of the SWPPP plan followed by the installation of the erosion controls, then …). The path starts with (proceed to describe critical / longest path and identify true concurrent longest paths…)*

- **Narrative Description/Verification of all Contractual Limitations of Operations:**

- **Narrative Description/Verification of Limitations Introduced by the Contactor:**

- **Narrative Verification of:**

    - All work that will (or won't) be progressed through the winter (based upon requirements identified in the Special Provisions)
    - Physical / Site Access Restraints
    - Utility Work Access/Restrictions
    - Work Schedules (including holidays, shifts, calendars, seasonal work), and environmental

restrictions.

- Planned Resources General Discussion of Resource Requirements *(Note that for Type A&B Schedules, further information/greater detail will need to be provided in the Resource Section of the Baseline Narrative)*
    - Labor
    - Equipment
- Identification of Work Responsibility
    - List Subcontracted work
- General Discussion of Cash Flow Projections / PSR *(Note that for Type A Schedules, further information/greater detail will need to be provided in the Cost Section of the Baseline Narrative)*

3. **Calendars Section:**

- Identification/confirmation that all calendar settings extend 3-years beyond CFC.

4. **Constraints/Logic Section:**

- Description of changes if made between baseline revisions

5. **Project Scope Section:**

- Contractor/s Description of compliance with the timing of the access restraints established specifically for utility relocations.

6. **Milestones Section:**

- Identification / Explanation for any unspecified Milestones being requested by Contractor.

7. **Critical Path Section:**

- A detailed, **written summary** of the critical path that may be supported by snapshots should the scheduler choose. Copying and pasting tables exported from the Schedule will no longer be acceptable. The written summary should detail what priority submittals are most critical to maintaining the schedule.
- Confirmation that the late finish date shown on the Schedule is the same as the specified Contract Completion.
- Identification of the percentage of all unfinished activities on the Critical/Longest Path to all unfinished activities within the schedule.
- A detailed, **written summary** of additional "near critical" (<20 days float) path(s) including required submittals that need to be addressed in a timely manner to avoid the path(s) becoming critical.

8. **Response to Comments Section:**

- Include a snapshot of the previous comment which includes the name of the ForECAST Report Section.

Design-Build Progress Update Narrative Template – Type A&B Schedule

- **Preliminary Section:**

Schedule Submittal Identification: Update Period: MMMM YYYY
Data Date: MM/DD/YYYY
Schedule File Name*: Contract#-Project#* - Town(s) – UPxxRxx _DD YYYY-MM-DD.xer
Previous Schedule File Name: *(Insert Name of previous schedule current schedule is based upon)*

3-Month Schedule Submittal Log

Schedule	File Name	Data Date	Date Submitted by Design Builder	Date Review Returned to Design Builder (Outcome)
Progress Update-15	Cxxxxxx UP15.xer	4/12/2023	4/23/2023	4/28/2023 (rejected)
Progress Update-15R01	Cxxxxxx UP15R01.xer	4/12/2023	5/5/2023	5/15/2023 (accepted)
Progress Update-16	Cxxxxxx UP16.xer	5/12/2023	5/23/2023	5/28/2023 (accepted)
Progress Update-17	Cxxxxxx UP17.xer	6/12/2023	6/23/2023	pending

Schedule Milestone Chart

The table below depicts Contractual and Interim milestone activities utilized in the Schedule:

MILESTONE ANALYSIS

DOT Milestone #	Milestone Description	Schedule Activity ID	Contractual Date	Previous Submittal Date	Current Submittal Date	Current Variance to Contract (Days)	Current Variance to Previous (Days)
MS#00	Notice to Proceed	Cxxxxxx-1000	1/12/2022	1/12/2022	1/12/2022	0	0
MS#03	Full Beneficial Use	Cxxxxxx-MS03	2/28/2026	2/28/2026	3/15/2026	(15)	(15)
MS#02	Substantial Completion	Cxxxxxx-MS02	3/21/2026	3/21/2026	4/5/2026	(15)	(15)
MS#01	Contractor Field Completion	Cxxxxxx-MS01	4/26/2026	4/26/2026	5/11/2026	(15)	(15)

1. **Narrative Section:**

- Description of Current Sequence of Work and any Changes to Sequence Section:
  Example: Utility enabling work along Main Street has been completed, and the utility companies have mobilized and are performing pole relocations. Curbing along Main Street was planned to start the first week of July, however, due to the Utility Pole relocations, the curbing along Oak Street was moved to that time period, and the Main Street curbing will occur when Oak Street curbing was previously planned and when the Utility Pole relocation activities are completed….
- Narrative Description/Verification of all Contractual Limitations of Operations:
  - Any changes to the Design Builder's Means and Methods
  - Any changes to planned work schedule, including shifts, overtime, seasonal
  - Any new or changed environmental restrictions.
  - Any revisions to Utility/Third Party access and restrictions
- Detailed narrative discussion on any remaining Design work packages
- Narrative discussion on planned versus actual progress and variances from prior reporting
- Detail the work forecast to be accomplished during the upcoming schedule update period.
- Discuss all ongoing long-lead procurement activities, including fabrication status and forecast site delivery dates.
- Discuss any Extra Work and/or Change Orders that have been incorporated into the schedule since the previous reporting period
- Discuss any issues that have occurred within the update period that have the potential to impact the Project

schedule.

- Discuss any delays to the schedule, whether a formal 'Notice of Delay' have been submitted or not.
- Describe any 'Notices of Delay' formally submitted during the schedule update period.
    - Detailed description of effects on the project's critical path due to the actual/perceived delay
- Discuss any Non-Conformance Reports (NCRs) or Deficiency Reports (DR) issued during the update period, along with mitigation measures being undertaken.
- Detail any Utility/Third Party Notifications that were issued during the schedule update period.
- Detail any Utility/Third Party Notifications planned to be issued in the upcoming schedule update period.
- Detail critical responses from MassDOT required, including need dates, to maintain the submitted schedule.
- Discuss any considerations that may improve schedule outcome

2. Calendars Section:

- Identification/confirmation that all calendar settings extend 3-years beyond CFC.
- Discuss any changes to existing calendars or added calendars.

3. Constraints/Logic Section:

- Description of, and reasons for, any changes to logic since previous submission
- To "Correct out-of-sequence logic" is not a sufficient description or reason

4. Project Scope Section:

- Design Builder's description of compliance with the timing of the access restraints
- List any activities added, deleted or changed since the previous schedule submission, including reasons for changes.
- Discuss current work being performed by subcontractors

5. Milestones Section:

- Discuss any changes to Milestones from previous submission

6. Critical Path Section:

- A detailed, **written summary** of the critical path, in a form that a person not familiar with the project can understand, that may be supported by snapshots should the scheduler choose. Copying and pasting tables exported from the Schedule are not acceptable. The written summary should detail what priority submittals, RFI responses, Third-Party scope are most critical to maintaining the schedule.
- Confirmation that the late finish date shown on the Schedule is the same as the specified Contract Completion.
- Identification of the percentage of all unfinished activities on the Critical/Longest Path to all unfinished activities within the schedule.
- A detailed, **written summary** of additional "near critical" (<20 days float) path(s) including required submittals, MassDOT responses or third-party scope that need to be addressed in a timely manner to avoid the path(s) becoming critical.

7. Cost Loading Section:

- Provide a summary cost-loading Histogram graphic (.jpg or .png format) per month depicting the early and late per period values from the schedule

- Provide a summary cumulative 'S-Curve' cost-loading graphic (.jpg or .png format) per month depicting both the early and late curves from the schedule.
- Describe in detail, including reasons, for any changes to cost-loading since previous submission
- Provide summary information from monthly update Project Spending Report (PSR)
    - Latest MassDOT Estimate # and Requisition Date
    - PSR Date
    - PSR Cumulative Total to Date
    - PSR Cumulative Percentage to Date

8. <u>Resource Loading Section:</u>

- Provide peak labor head count forecast utilizing the Early and Late Dates.
- Generate/provide a summary monthly average labor hours-loading histogram or line graphic (.jpg or .png) depicting the early and late per period values from the schedule.
- Generate/provide details on equipment usage requirements, especially large equipment movements for the upcoming schedule period.

9. <u>Response to Comments Section:</u>

- Include a snapshot of the previous comment which includes the name of the MassDOT Schedule Review Report Section, along with Contractor Responses to each comment.
    - All Open Review Comments should be listed until closed in a subsequent Schedule Review

Design-Build Progress Update Narrative Template – Type C Schedule

- **Preliminary Section:**

Schedule Submittal Identification: Update Period: MMMM YYYY
Data Date: MM/DD/YYYY
Schedule File Name*: Contract#-Project#* - Town(s) – UPxxRxx _DD YYYY-MM-DD.xer
Previous Schedule File Name: *(Insert Name of previous schedule current schedule is based upon)*

3-Month Schedule Submittal Log

Schedule	File Name	Data Date	Date Submitted by Design Builder	Date Review Returned to Design Builder (Outcome)
Progress Update-15	Cxxxxxx UP15.xer	4/12/2023	4/23/2023	4/28/2023 (rejected)
Progress Update-15R01	Cxxxxxx UP15R01.xer	4/12/2023	5/5/2023	5/15/2023 (accepted)
Progress Update-16	Cxxxxxx UP16.xer	5/12/2023	5/23/2023	5/28/2023 (accepted)
Progress Update-17	Cxxxxxx UP17.xer	6/12/2023	6/23/2023	pending

Schedule Milestone Chart

The table below depicts Contractual and Interim milestone activities utilized in the Schedule:

MILESTONE ANALYSIS

DOT Milestone #	Milestone Description	Schedule Activity ID	Contractual Date	Previous Submittal Date	Current Submittal Date	Current Variance to Contract (Days)	Current Variance to Previous (Days)
MS#00	Notice to Proceed	Cxxxxxx-1000	1/12/2022	1/12/2022	1/12/2022	0	0
MS#03	Full Beneficial Use	Cxxxxxx-MS03	2/28/2026	2/28/2026	3/15/2026	(15)	(15)
MS#02	Substantial Completion	Cxxxxxx-MS02	3/21/2026	3/21/2026	4/5/2026	(15)	(15)
MS#01	Contractor Field Completion	Cxxxxxx-MS01	4/26/2026	4/26/2026	5/11/2026	(15)	(15)

1. **Narrative Section:**

- Description of Current Sequence of Work and any Changes to Sequence Section:
  Example: Utility enabling work along Main Street has been completed, and the utility companies have mobilized and are performing pole relocations. Curbing along Main Street was planned to start the first week of July, however, due to the Utility Pole relocations, the curbing along Oak Street was moved to that time period, and the Main Street curbing will occur when Oak Street curbing was previously planned and when the Utility Pole relocation activities are completed….
- Narrative Description/Verification of all Contractual Limitations of Operations:
  - Any changes to the Design Builder's Means and Methods
  - Any changes to planned work schedule, including shifts, overtime, seasonal
  - Any new or changed environmental restrictions.
  - Any revisions to Utility/Third Party access and restrictions
- Detailed narrative discussion on any remaining Design work packages
- Narrative discussion on planned versus actual progress and variances from prior reporting
- Detail the work forecast to be accomplished during the upcoming schedule update period.
- Provide summary information from monthly update Project Spending Report (PSR)
  - Latest MassDOT Estimate # and Requisition Date
  - PSR Date
  - PSR Cumulative Total to Date
  - PSR Cumulative Percentage to Date

- Discuss all ongoing long-lead procurement activities, including fabrication status and forecast site delivery dates.
- Provide information on any major resources/equipment utilized during the current update period
- Provide information on any major resources/equipment to be utilized in the next update period
- Discuss any issues relating to resources (i.e. shortages, supply chain issues, labor issues, etc.)
- Discuss any Extra Work and/or Change Orders that have been incorporated into the schedule since the previous reporting period
- Discuss any issues that have occurred within the update period that have the potential to impact the Project schedule.
- Discuss any delays to the schedule, whether a formal 'Notice of Delay' have been submitted or not.
- Describe any 'Notices of Delay' formally submitted during the schedule update period.
    - Detailed description of effects on the project's critical path due to the actual/perceived delay
- Discuss any Non-Conformance Reports (NCRs) or Deficiency Reports (DR) issued during the update period, along with mitigation measures being undertaken.
- Detail any Utility/Third Party Notifications that were issued during the schedule update period.
- Detail any Utility/Third Party Notifications planned to be issued in the upcoming schedule update period.
- Detail critical responses from MassDOT required, including need dates, to maintain the submitted schedule.
- Discuss any considerations that may improve schedule outcome

2. <u>Calendars Section:</u>

- Identification/confirmation that all calendar settings extend 3-years beyond CFC.
- Discuss any changes to existing calendars or added calendars.

3. <u>Constraints/Logic Section:</u>

- Description of, and reasons for, any changes to logic since previous submission
- To "Correct out-of-sequence logic" <u>is not</u> a sufficient description or reason

4. <u>Project Scope Section:</u>

- Design Builder's description of compliance with the timing of the access restraints
- List any activities added, deleted or changed since the previous schedule submission, including reasons for changes.
- Discuss current work being performed by subcontractors

5. <u>Milestones Section:</u>

- Discuss any changes to Milestones from previous submission

6. <u>Critical Path Section:</u>

- A detailed, **<u>written summary</u>** of the critical path, in a form that a person not familiar with the project can understand, that may be supported by snapshots should the scheduler choose. Copying and pasting tables exported from the Schedule are not acceptable. The written summary should detail what priority submittals, RFI responses, Third-Party scope are most critical to maintaining the schedule.
- Confirmation that the late finish date shown on the Schedule is the same as the specified Contract Completion.

- Identification of the percentage of all unfinished activities on the Critical/Longest Path to all unfinished activities within the schedule.
- A detailed, **written summary** of additional "near critical" (<20 days float) path(s) including required submittals, MassDOT responses or third-party scope that need to be addressed in a timely manner to avoid the path(s) becoming critical.

7. Response to Comments Section:

- Include a snapshot of the previous comment which includes the name of the MassDOT Schedule Review Report Section, along with Contractor Responses to each comment.
    - All Open Review Comments should be listed until closed in a subsequent Schedule Review

Design-Bid-Build Progress Update Narrative Template – Type A&B Schedule

- **Preliminary Section:**
  Schedule Submittal Identification: Update Period: MMMM YYYY
  Data Date: MM/DD/YYYY
  Schedule File Name*: Contract#-Project#* - Town(s) – UPxxRxx _DD YYYY-MM-DD.xer
  Previous Schedule File Name: *(Insert Name of previous schedule current schedule is based upon)*

3-Month Schedule Submittal Log

Schedule	File Name	Data Date	Date Submitted by Contractor	Date Review Returned to Contractor (Outcome)
Progress Update-15	Cxxxxxx UP15.xer	4/12/2023	4/23/2023	4/28/2023 (rejected)
Progress Update-15R01	Cxxxxxx UP15R01.xer	4/12/2023	5/5/2023	5/15/2023 (accepted)
Progress Update-16	Cxxxxxx UP16.xer	5/12/2023	5/23/2023	5/28/2023 (accepted)
Progress Update-17	Cxxxxxx UP17.xer	6/12/2023	6/23/2023	pending

Schedule Milestone Chart

The table below depicts Contractual and Interim milestone activities utilized in the Schedule:

MILESTONE ANALYSIS

DOT Milestone #	Milestone Description	Schedule Activity ID	Contractual Date	Previous Submittal Date	Current Submittal Date	Current Variance to Contract (Days)	Current Variance to Previous (Days)
MS#00	Notice to Proceed	Cxxxxxx-1000	1/12/2022	1/12/2022	1/12/2022	0	0
MS#03	Full Beneficial Use	Cxxxxxx-MS03	2/28/2026	2/28/2026	3/15/2026	(15)	(15)
MS#02	Substantial Completion	Cxxxxxx-MS02	3/21/2026	3/21/2026	4/5/2026	(15)	(15)
MS#01	Contractor Field Completion	Cxxxxxx-MS01	4/26/2026	4/26/2026	5/11/2026	(15)	(15)

1. **Narrative Section:**

- Description of Current Sequence of Work and any Changes to Sequence Section:
  Example: Utility enabling work along Main Street has been completed, and the utility companies have mobilized and are performing pole relocations. Curbing along Main Street was planned to start the first week of July, however, due to the Utility Pole relocations, the curbing along Oak Street was moved to that time period, and the Main Street curbing will occur when Oak Street curbing was previously planned and when the Utility Pole relocation activities are completed….
- Narrative Description/Verification of all Contractual Limitations of Operations:
  - Any changes to the Contractor's Means and Methods
  - Any changes to planned work schedule, including shifts, overtime, seasonal
  - Any new or changed environmental restrictions.
  - Any revisions to Utility/Third Party access and restrictions
- Narrative discussion on planned versus actual progress and variances from prior reporting
- Detail the work forecast to be accomplished during the upcoming schedule update period.
- Discuss all ongoing long-lead procurement activities, including fabrication status and forecast site delivery dates.
- Discuss any Extra Work and/or Change Orders that have been incorporated into the schedule since the previous reporting period
- Discuss any issues that have occurred within the update period that have the potential to impact the Project

schedule.

- Discuss any delays to the schedule, whether a formal 'Notice of Delay' have been submitted or not.
- Describe any 'Notices of Delay' formally submitted during the schedule update period.
    - Detailed description of effects on the project's critical path due to the actual/perceived delay
- Detail any Utility/Third Party Notifications that were issued during the schedule update period.
- Detail any Utility/Third Party Notifications planned to be issued in the upcoming schedule update period.
- Detail critical responses from MassDOT required, including need dates, to maintain the submitted schedule.
- Discuss any considerations that may improve schedule outcome

2. Calendars Section:

- Identification/confirmation that all calendar settings extend 3-years beyond CFC.
- Discuss any changes to existing calendars or added calendars.

3. Constraints/Logic Section:

- Description of, and reasons for, any changes to logic since previous submission
- To "Correct out-of-sequence logic" is not a sufficient description or reason

4. Project Scope Section:

- Contractor's Description of compliance with the timing of the access restraints
- List any activities added, deleted or changed since the previous schedule submission, including reasons for changes.
- Discuss current work being performed by subcontractors

5. Milestones Section:

- Discuss any changes to Milestones from previous submission

6. Critical Path Section:

- A detailed, **written summary** of the critical path, in a form that a person not familiar with the project can understand, that may be supported by snapshots should the scheduler choose. Copying and pasting tables exported from the Schedule are not acceptable. The written summary should detail what priority submittals, RFI responses, Third-Party scope are most critical to maintaining the schedule.
- Confirmation that the late finish date shown on the Schedule is the same as the specified Contract Completion.
- Identification of the percentage of all unfinished activities on the Critical/Longest Path to all unfinished activities within the schedule.
- A detailed, **written summary** of additional "near critical" (<20 days float) path(s) including required submittals, MassDOT responses or third-party scope that need to be addressed in a timely manner to avoid the path(s) becoming critical.

7. Cost Loading Section:

- Provide a summary cost-loading Histogram graphic (.jpg or .png format) per month depicting the early and late per period values from the schedule
- Provide a summary cumulative 'S-Curve' cost-loading graphic (.jpg or .png format) per month depicting both the early and late curves from the schedule.

- Describe in detail, including reasons, for any changes to cost-loading since previous submission
- Provide summary information from monthly update Project Spending Report (PSR)
    - Latest MassDOT Estimate # and Requisition Date
    - PSR Date
    - PSR Cumulative Total to Date
    - PSR Cumulative Percentage to Date

8. <u>Resource Loading Section:</u>

- Provide peak labor head count forecast utilizing the Early and Late Dates.
- Generate/provide a summary monthly average labor hours-loading histogram or line graphic (.jpg or .png) depicting the early and late per period values from the schedule.
- Generate/provide details on equipment usage requirements, especially large equipment movements for the upcoming schedule period.

9. <u>Response to Comments Section:</u>

- Include a snapshot of the previous comment which includes the name of the MassDOT Schedule Review Report Section, along with Contractor Responses to each comment.
    - All Open Review Comments should be listed until closed in a subsequent Schedule Review

Design-Bid-Build Progress Update Narrative Template – Type C Schedule

- **Preliminary Section:**

Schedule Submittal Identification: Update Period: MMMM YYYY
Data Date: MM/DD/YYYY
Schedule File Name*: Contract#-Project#* - Town(s) – UPxxRxx _DD YYYY-MM-DD.xer
Previous Schedule File Name: *(Insert Name of previous schedule current schedule is based upon)*

3-Month Schedule Submittal Log

Schedule	File Name	Data Date	Date Submitted by Contractor	Date Review Returned to Contractor (Outcome)
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Progress Update-16	Cxxxxxx UP16.xer	5/12/2023	5/23/2023	5/28/2023 (accepted)
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Schedule Milestone Chart

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MS#02	Substantial Completion	Cxxxxxx-MS02	3/21/2026	3/21/2026	4/5/2026	(15)	(15)
MS#01	Contractor Field Completion	Cxxxxxx-MS01	4/26/2026	4/26/2026	5/11/2026	(15)	(15)

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- Narrative Description/Verification of all Contractual Limitations of Operations:
  - Any changes to the Contractor's Means and Methods
  - Any changes to planned work schedule, including shifts, overtime, seasonal
  - Any new or changed environmental restrictions.
  - Any revisions to Utility/Third Party access and restrictions
- Narrative discussion on planned versus actual progress and variances from prior reporting
- Detail the work forecast to be accomplished during the upcoming schedule update period.
- Provide summary information from monthly update Project Spending Report (PSR)
  - Latest MassDOT Estimate # and Requisition Date
  - PSR Date
  - PSR Cumulative Total to Date
  - PSR Cumulative Percentage to Date
- Discuss all ongoing long-lead procurement activities, including fabrication status and forecast site delivery

dates.

- Provide information on any major resources/equipment utilized during the current update period
- Provide information on any major resources/equipment to be utilized in the next update period
- Discuss any issues relating to resources (i.e. shortages, supply chain issues, labor issues, etc.)
- Discuss any Extra Work and/or Change Orders that have been incorporated into the schedule since the previous reporting period
- Discuss any issues that have occurred within the update period that have the potential to impact the Project schedule.
- Discuss any delays to the schedule, whether a formal 'Notice of Delay' have been submitted or not.
- Describe any 'Notices of Delay' formally submitted during the schedule update period.
    - Detailed description of effects on the project's critical path due to the actual/perceived delay
- Detail any Utility/Third Party Notifications that were issued during the schedule update period.
- Detail any Utility/Third Party Notifications planned to be issued in the upcoming schedule update period.
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submittals, MassDOT responses or third-party scope that need to be addressed in a timely manner to avoid the path(s) becoming critical.

7. **Response to Comments Section:**

- Include a snapshot of the previous comment which includes the name of the MassDOT Schedule Review Report Section, along with Contractor Responses to each comment.
    - All Open Review Comments should be listed until closed in a subsequent Schedule Review

ATTACHMENT H: SAMPLE SHORT-TERM CONSTRUCTION SCHEDULE

Project Description: City - Description
Contract Number: 12345
Start Date: 4/8/2023

				Week: 1				Actual Dates			Week: 2					Actual Dates			Week: 3					Projected Dates			Week: 4					Projected Dates			Week: 5					Projected Dates	
			Contractor/	Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W		Th		F	Sa	Su	M	Tu	W		Th	F	Sa	Su	M	Tu	W	Th	F	Sa	Su	M	Tu	W	Th	F	Sa
Activity ID #	Activity Description	Location	Subcontractor	4/8	4/9	4/10	4/11	4/12	4/13	4/14	4/15	4/16	4/17	4/18	4/18	4/19	4/19	4/20	4/21	4/22	4/23	4/24	4/24	4/25	4/25	4/26	4/27	4/28	4/29	4/30	5/1	5/2	5/3	5/4	5/5	5/6	5/7	5/8	5/9	5/10	5/11	5/12
												Holiday - No Work																														
C12345-1500	Mobilize	Project Wide	Prime		XX	XX																																		
C12345-1510	Install Construction Signs	Project Wide	Prime				XX	XX																																		
C12345-1550	Install Envr. Ctrls.	Project Wide	Prime						XX				XX	XX		XX																										
C12345-1710	Dig Test Pits	Main St/Maple St Int. and Rte 20/Lancaster St Int.	Prime													XX		XX																								
C12345-1810	Install Tree Protection	Project Wide	Tree Sub										XX	XX		XX																										
C12345-1910	Borings	Main St/Maple St Int. and Rte 20/Lancaster St Int.	Boring Sub											XX		XX																										
C12345-1820	Clear Sideslopes	MM 28.2 to 28.4 Westbound	Prime/Tree Sub															XX			XX	XX																				
C12345-1830	Clear Sideslopes	MM 28.6 to 28.7 Eastbound	Prime/Tree Sub																					XX		XX	XX															
C12345-1950	Pavement Micromilling	Main St/Maple St Int.	Prime												Night		Night																									
C12345-2210	Install Drainage Struct.	Main St/Maple St Int.	Drainage Sub															XX			XX	XX		XX																		
C12345-2510	Install Curb	Main St/Maple St Int.	Curb Sub																							XX	XX			XX	XX	XX										
C12345-2610	Install Sidewalk/WCRs	Main St/Maple St Int.	Prime																														XX	XX			XX	XX	XX			
C12345-1960	Pavement Micromilling	Rte 20/Lancaster St Int.	Prime																				Night		Night																	
C12345-2220	Install Drainage Struct.	Rte 20/Lancaster St Int.	Drainage Sub																							XX	XX			XX	XX	XX	XX									
C12345-2510	Install Curb	Rte 20/Lancaster St Int.	Curb Sub																															XX			XX	XX	XX	XX		
C12345-2620	Install Sidewalk/WCRs	Rte 20/Lancaster St Int.	Prime																																						XX	

Night shift = 7:00 PM to 5:30 AM overnight.

Night shift = 7:00 PM to 5:30 AM overnight.

Additional Information from Contractor:

1. Anticipated Traffic Impacts:
2. Other relevant information:

RE's Review Comments:

1. Percent Complete:
2.

Area Engineers Comments:

1. Currently Approved Contract Completion Date:
2. Potential Time Extensions due to accepted PTEA pending TEA, extra work being considered, etc.:
3.

DOCUMENT CHANGE CONTROL

Document Version	Author	Date	Revision Comments
Draft (CTKv0)	Justin Stuart	09/21/2009	Draft
Rev 1 (CTKv1)	Justin Stuart	10/01/2009	Draft Comments Addressed
Rev1.1(CTKv1.1)	Dennis Lucey	3/17/10	Revisions
Rev1.2 (CTKv1.2)	Dennis Lucey	4/5/10	Major revisions to Cost & Resources
Rev1.3, 1.4			No edits to word document
Rev1.5 (CSTv1.5)	Dennis Lucey	December 2010	Modified Paving Calendar, Set Calendar to project level, Added disclaimer, Ready to post to DOT Web
Rev1.6 (CSTv1.5)	Dennis Lucey	January 2011	Reset items (calendar, codes, layouts) to Project Level, Enhance WBS, etc. Layouts to match 601 course.
Rev2.0 (CSTv2.0)	T. Chris Seavey	September 2023	Revised and Updated

DOCUMENT REVIEW AND APPROVAL

Document Version	Reviewer	Date	Comments
Rev1	Karim Zaklama	11/07/2009	None
Rev1.2	Karim Zaklama	3/31/10	None
Rev2.0	Anne Gorczyca		