

EXHIBIT B-3
INITIAL 395 BASELINE SCHEDULE

[SEE ATTACHED]

4.8 | INITIAL BASELINE SCHEDULE

4.8.1 Initial Baseline Schedule

The enclosed Initial Baseline Schedule outlines the LANE Team’s plan to successfully construct the 395 Express Lanes Project in compliance with the RFP. The schedule depicts the activities, tasks, overall sequence of work, and major deliverables required to complete the Project. This proposal schedule is broken down into major phases using the hierarchical Work Breakdown Structure (WBS), divided into Level 3 elements showing major phases of Work, including but not limited to project milestones, project management, TTMS Contractor integration, Early Works, Scope Validation, design, public involvement, environmental, right-of-way acquisition, construction, Duke-Edsall Widening (DEW) Work, sound barriers and Pentagon accesses. It demonstrates the anticipated Critical Path (based on the longest path), review responsibilities by Transurban, VDOT, FHWA, the Pentagon and other regulatory agencies, as well as activities for the LANE Team and their suppliers and subcontractors.

4.8.2 Initial Baseline Schedule Narrative

The LANE Team has developed the following Initial Baseline Schedule narrative for our overall plan to execute the work. The narrative explains the overall sequencing of the Project, the Critical Path, the LANE Team’s strategy to ensure the successful delivery of the Project performed safely, on-time and within budget, and other key assumptions on which the schedule is based. We also explain how the LANE Team intends to integrate the TTMS Contractor into our operations, how we conform to MOT requirements and minimize impacts of construction activities on the stakeholders and the environment.

Milestones

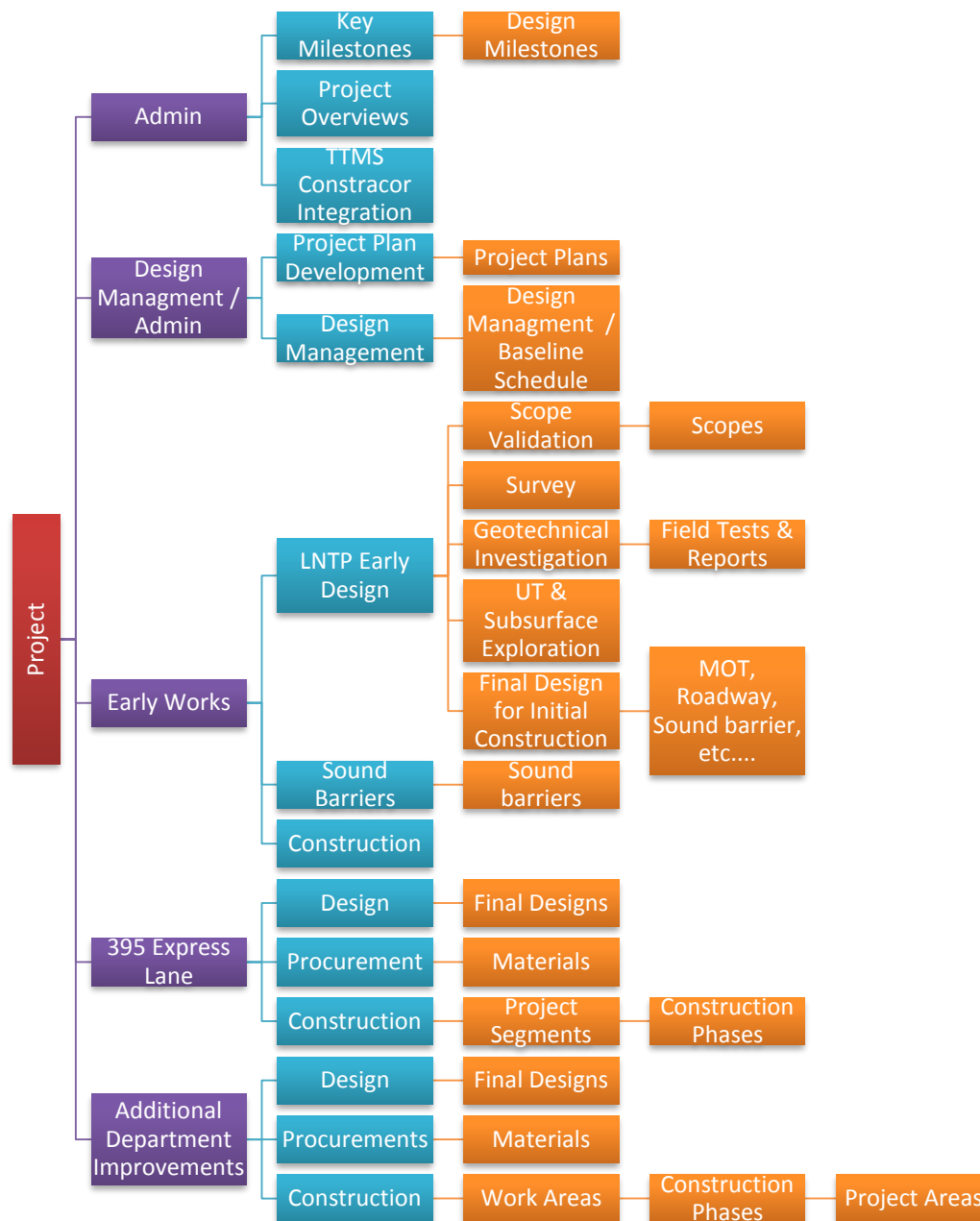
The LANE Team is committed to a Service Commencement Date of 820 days after the issuance of NTP, and a final completion date of 230 days after Service Commencement Date. Based on the Anticipated NTP of July 1, 2017, the Service Commencement Date would be September 29, 2019 (30 days ahead of the RFP 850 days), and the Final Completion Date is May 16, 2020. The table below identifies Key Milestone dates which, in order to be met, will require coordination not only between the design-build Team, Transurban and VDOT but also other reviewing agencies (the Pentagon, FHWA, USFWS, etc.). Pursuant to award of the Project, the LANE Team will implement our design-build approach, local experience, and technical know-how to potentially improve these dates.

Key Milestone	Milestone Date
Anticipated Notice of Award Date	January 05, 2017
Anticipated Contract Execution	January 31, 2017
Scope Validation Period Complete	April 30, 2017
LNTP	February 1, 2017
NTP	July 1, 2017
Start of Construction	July 22, 2017
Segments 1, 2, and 3 Completion	July 23, 2019
Segment 4 Completion	November 30, 2018
Service Commencement Date	September 29, 2019
Final Completion Date	May 16, 2020

Work Breakdown Structure (WBS)

The WBS is a multi-level, hierarchical arrangement of the work to be performed on the Project. The LANE Team has established the WBS to subdivide the total project into manageable units of work for effective planning and control. Each WBS level not only identifies a project level of detail but also implies a level of management responsibility and the WBS facilitates efficient electronic migration of data between the project cost estimate, cost control budgets, project cost forecasts, project schedule and the corresponding management reports developed from the division of the major segments and phases of the Project by project element and activity type. The disciplines are further divided into Phases, Areas and respective components such as Milestones, Project Management, Scope Validation, Environmental/Permitting, ROW, Design, Public Involvement, Utility Relocation, and Construction.

The WBS areas for the Project have been developed as a collaborative effort between the design and construction teams by evaluating the components of the Project as a single project including consideration of the type of work along the alignment, design-related considerations, and approach to management of the construction operations.



Levels 2, 3, 4, 5, 6 and 7 of the WBS as depicted in the Proposal Schedule include but are not limited to the following items for the respective Project components:

- Administration includes the Contract Milestones, the start and completion milestones of major project components, project close-out, TTMS co-ordination, and monitoring of project durations.
- Early Works includes Project Development Plans, the Scope Validation Period, early and final design, to support initial construction activities, shop drawings and submittals, and non-permanent / non-destructive work.
- 395 Express Lanes includes design, procurement and construction for the 395 Express Lanes. Design is further broken down into early and final design deliverables, while procurement is organized into major material types. Construction is according to the segmentation plan.



Additional Department Improvements includes design, procurement and construction for the Duke-Edsall Widening (DEW) Work on I-395. Design is further broken down into early and final deliverables, while procurement is organized into major material types. Construction is first organized into the 3 areas, then the corresponding construction phases according to the MOT / Phasing Plans. Each phase is further broken into its specific segments. The LANE Team has isolated the Work on Edsall Road and Duke Street from the I-395 GPL widening work and assigned unique WBS for the local road work areas because the roads are in different alignment from the alignment of I-395.

Calendars

The LANE Team uses five different calendars to represent a variety of work scenarios:

- **“Calendar Days”** – Based on seven days per week and is used for review periods and milestones.
- **“5 Days / Wk with Holidays”** – Based on five working days per week and includes standard holidays and is used for design activities and work not impacted by adverse weather and holiday restrictions.
- **“5 Days / Wk with Weather & Holidays”** – Based on five (5) working days per week, specified holiday restrictions, and anticipated weather days and is used for construction activities.
- **“5 Days / Wk for Paving & Bridge Deck”** – Based on the “5 Days / Week with Weather & Holidays” with non-working periods from December through February and is used for asphalt paving activities and bridge deck pours.
- **“5 Days / Wk for Final Paving”** – Based on the “5 Days / Week with Weather & Holidays” with non-working periods from December through March and is used for service asphalt paving activities.

For weather analysis, the LANE Team has reviewed the weather data (March 2011 to February 2016) provided by the NOAA observation center located at Vienna, VA. Using 0.1 inch of participation per day as the threshold for weather impact and with weekends taken into consideration, the LANE Team schedule allows for the following number of weather days, by respective months:

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Anticipated Weather Days	4	5	5	5	6	5	5	5	4	5	4	6

The LANE Team will observe New Year’s Day, Memorial Day, 4th of July, Labor Day, Thanksgiving and the Friday after, and Christmas holidays from 2016 to 2020, with these dates reflected as non-work days within the schedule.

Plan and Strategy

The LANE Team will develop a comprehensive plan to complete the 395 Express Lanes, GP, Pentagon and DEW Work in a timely and professional manner. Our goal is to minimize the number of construction phases, traffic pattern changes, and interruptions to the travelling public. The LANE Team will also coordinate our MOT phasing for smooth interactions between the three project scopes. LANE and AECOM’s design and construction strategy are:

1. The LANE Team has identified a number of additional operation constraints, in order to comply with VDOT MOT requirements:
 - a. DEW Phase 1 and 2 SBL work should not be concurrent with I-395 Express Lane Segment 1, Phase 4 work, because VDOT policy will not allow the Project to have temporary barrier walls on both sides of the I-395 SBL.
 - b. I-395 SBL Sound barrier should not be concurrent with I-395 Express Lane Segment 1, Phase 4 work in all segments, because VDOT policy will not allow the Project to have barrier walls on both sides of the I-395 SBL. The same restriction applies to Sound barrier on bridges.
 - c. I-395 NBL Sound barrier should not be concurrent with I-395 Express Lane Segment 1, Phase 3 work in all segments, because VDOT policy will not allow the Project to have barrier wall on both sides of the I-395 NBL. The same restriction applies to Sound barriers on bridges.
2. All of the aforementioned restrictions are incorporated into the LANE Team's sequence of construction (refer to Section 4.7.1). The LANE Team's segmentation plan divides the I-395 Express Lane section of the project into 3 segments (refer to Section 4.7.1) to facilitate the planning and coordination of Project design and construction; the strategic advantages of the segmentation plan is summarized, as follows:
 - a. Segment 1 of I-395 Express Lane stationing overlaps with DEW stationing. This overlap allows the team to coordinate the MOT between the two sections.
 - b. The segmentation of the Project design allows for incremental release of design deliverables, and defines and limits the size of design packages. This strategy is intended to reduce the pressure on Transurban's design review process, and the LANE Team's design effort.
 - c. Incremental release of design documents equates to periodic release of construction work scope, which opens work fronts and prevents the disruption of construction operation due to lack of approved design.
3. To take advantage the linear nature of this Project, the LANE Team will start the next operation, as soon as there is a sufficient separation between the preceding operation and the follow-on operation. The LANE Team will determine the appropriate separation based on safety, quality and efficiency of the interfacing operations.
4. For I-395 Express Lanes, there will be segment-to-segment coordination. The LANE Team expects an operation to execute continuously from segment to segment; unless there is a lack of approved design in the next segment, or there are constraints associated with the aforementioned operation.
5. For phase-to-phase coordination in 395 Express Lane, the LANE will start the next phase of construction, as soon as there is sufficient separation between the last activity/operation of the prior phase and the first activity/operation of the next phase.
6. For DEW, segments occurring within DEW phasing are not physically connected. The LANE Team intends to work these segments concurrently within each phase.
7. For phase-to-phase coordination within the DEW area, the LANE Team will start the next phase of construction only after completion of the previous phase.
8. Public involvement is critical to the overall success of the Project. The Initial Baseline Schedule starts to address the issue during Early Work: development of Communication Plan, which includes Public Information Plan (PIP), and development of sound barrier analysis package A & B. The LANE Team will strictly adhere to the PIP for coordination and communication with third party stakeholders and local communities throughout design and construction. After the sound barrier analysis is developed, the public will vote on the final locations of the sound barriers.



Early Works



The LANE Team will utilize the Early Works Program to maximize time gain on the 395 Project Critical Path. Our approach to Early Works is to perform all work prescribed in RFP Part 1, Section 1.3.6, plus design deliverables that are critical to the Project's overall progress, and delivery of design that is required to support initial construction operations. The activities of the Early Works Program

include Scope Validation, Project Development Plans and other management plans, topographic surveys, geotechnical investigation, utility exploration, permitting, preparatory activities supporting Right-of-Way parcels and easements acquisitions, and final noise studies. AECOM will prepare and submit designs supporting initial construction MOT, demolition, drainage and utilities, intermediate design of all roadway segments, sound barrier final design, bridge design and Pentagon Reservation initial and intermediate designs for all scope in that segment. The team will also issue procurement commitments, start shop drawing preparation, establish laydown yards, field offices and the Design-Build office.

In accordance with RFP Section 4.20.10, the team has uploaded the planned Early Works activities allocated with cost for a total value of approximately \$ 9.9 million and we have assigned Project Activity Code “Early Work” to these activities to identify them in the CPM schedule, and provided a fragnet for these activities. In the Letter of Submittal, the LANE Team also included a listing of specific Early Works activities to be conducted on the Pentagon Reservation with anticipated start dates and durations with graphical depiction of the locations of the activities to be executed in the field.

Design

Development of the DQMP and other design-related Management Plans will commence immediately upon receiving LNTP and Scope Validation tasks will commence. Among these activities will be geotechnical investigations to verify Express Lanes and DEW general purpose widening pavement designs as well as verification of structural sound barrier requirements. Structural site inspections will be performed to confirm/determine bridge rehabilitation requirements. Survey activities will proceed to confirm/provide accurate topographic data for the detailed design of the project. Chief among surveying activities will be receiving channels so the drainage team can determine impacts that could affect permitting requirements. Validation of existing drainage structures is included during this period. Additionally, scope validation activities for the Pentagon Reservation improvements segment (Segment 4) will be completed.

Also pursuant to LNTP, final sound barrier locations and dimensions will be determined based on final design and Noise Abatement Design Report (NADR). Analysis work will be executed in two groups; sound barriers along the SB lanes are considered more critical to schedule and will be prioritized above those walls located on the NB side. An additional Early Works activity involves design of the Seminary Road sound barrier. We intend to retain the alignment of the sound barrier shown in the owner-provided concept drawings, eliminating the need for further noise analysis of this barrier and advance this design, including associated retaining wall #9.

While a majority of design elements will be progressed during the Early Works period after receiving/confirming design inputs, some smaller design packages will be advanced to completion for early release. Packages of this type would include the MOT/SW3P for phases 1 and 2 of the Express Lane Work (all segments), Early Grade and Drain Package for the DEW work in Segment 1 and a bridge rehab package for a few key bridge rehabilitation locations including permits required for constructing this work.

As described above, sound barrier design will progress after approval of NADR and Southbound sound barriers will be prioritized to avoid conflicts with Phase 4 construction along the Express Lanes portion of the Project. Northbound sound barriers will be staggered to follow behind southbound wall designs. Major design packages for Segments 1-3 will also begin during LNTP period and extend into the post-NTP period. Each segment will be broken out to allow for more manageable review packages, and the design schedules slightly staggered to advance more critical segments to release for construction.

Environment / Permitting

At LNTP, the design team will commence with development of the Environmental Management Plan. This plan will delineate the activities required during the design process as well as during construction. During the LNTP period, we will initiate all non-permit related coordination and concurrent activities. While the approved Environmental documents do not indicate specific Jurisdictional Water/Wetland impacts, final sound barrier locations as well as potential improvements required to receiving channels could potentially have an impact. The Environmental team will perform a delineation/confirmation and agency review for areas beyond the

corridor surveyed for the NEPA documentation. Should it be found that impacts exist, the team will determine the level of impact. While we do not anticipate that individual permits would be required for the project, the Environmental team is prepared to expedite the process of obtaining these permits if necessary. To represent these permit requirements and constraints in the Initial Baseline schedule, the LANE Team includes the permitting activities for the 401/404 permits, 408 permits, Sensitive Resource Coordination, and Regional and County Planning and Management Program as predecessors their corresponding construction activities.

ROW Acquisition



As part of the Early Works period, the design team will advance ROW location activities. While some ROW has been defined in the owner-provided concept plans, there are locations where additional ROW needs could occur. Much of the ROW shown in the concept plans comes from GIS information which may not be completely accurate. As example, one location along the SB ramp approaching Seminary Road, the GIS ROW is within the ramp roadway. Therefore, sound barrier locations intended to be placed near ROW will need actual ROW confirmed through deeds and survey prior to completion of sound barrier analysis and commencement of detailed design in an effort to avoid additional ROW needs.

While the above discussion describes possible ROW needs, the project will have specific ROW/Easements required to construct the project. Three (3) parcels have been identified in Segment 1 along the DEW widening portion of the project. Parcels CB and CF are fee title parcels and Parcel FY is listed as a permanent easement. There are also nine (9) sign easements identified in the ROW Report, though it should be noted that these locations of need were also based on GIS ROW information. These locations are along Seminary Road, North Quaker Lane and Army-Navy Drive.

Also described in the ROW Report is the need for an easement for Dominion Power to provide 3-phase power to Service Panel-1618. It appears that this power can be obtained from the northbound side along North Van Dorn Street and that the easement described in the ROW report will not be required. A temporary construction easement is also identified to construct the signal installation at South Eads Street and Army Navy Drive. Need for this easement will need to be confirmed by determining actual ROW at this location.

Design activities related to ROW acquisition are schedule in two groups. The first group will be acquisitions critical to the construction of the project. This would include all parcels related to the DEW widening and likely include any parcels required for sound barriers where the design of the sound barriers cannot eliminate the need for ROW. The schedule includes preparation of ROW plats, title examinations, appraisal and review, negotiations and closings. The process will follow the VDOT Location and Design policies found in the ROW Manual of Instructions.

Utility Relocation

Numerous utilities are located within the Project site. They include both wet utilities (water and sewer), dry utilities (electrical, telephone, communications), and ITS communication lines. The greatest expected impacts will be with the DEW widening portion of the project and Sound Barrier locations; however, it should be noted that Pentagon Reservation work and Express Lanes work have critical completion requirements, therefore SUE investigations will begin for all areas of the Project commencing with the LNTP Early Works period.

The core approach will be to mitigate as many utility impacts as possible by avoidance. For the Express Lanes portion of the Project, we have determined that the only utilities of concern are the ITS infrastructure. Elements such as maintaining existing sensor loops during construction phasing will be a priority. Pentagon Reservation work will require direct coordination with Pentagon staff to quickly determine utility impacts and resolve conflicts.

For the DEW portion of the Project, there are critical locations where utilities are congested within limited right-of-way. There are also locations of potential communication relocations in areas of pavement widening in the ramps and approaches of DEW widening which we will coordinate and relocate, if necessary, outside of the work areas. The majority of utilities within the sound barrier construction areas can be mitigated by avoidance.

SUE designation during Early Works will allow design to avoid the conflict by slightly shifting the alignment and/or straddling caissons to avoid the utility.

Along the shoulder of the NB lanes, there is an existing VDOT (old Century Link) fiber optic line that is used for the existing ITS system of the Express Lanes. As depicted in the concept plans, a portion of this fiber optic line will require relocation to construct a portion of the sound barrier adjacent to Army-Navy Drive. The planning and coordination of this relocation will be performed in the Early Works phase of the project.

To summarize, the Early Works phase of the Project will be used to confirm impacts to utilities within the Pentagon Reservation, verify the locations of critical utilities in the DEW section of the project and finalize utility relocations, and complete SUE on select utilities in the area of the sound walls to avoid impacts.

Construction

The LANE Team's phases of construction on which this schedule is based, have been developed to mitigate impacts to the traveling public, avoid delays to construction and ultimately, to facilitate successful Service Commencement and final completion of the project. Some potential delays include (but are not limited to): utility relocation, bridge repair scope, and ROW acquisition.

In developing the schedule and construction sequences, the LANE Team put public safety first and included measures to limit disruptions to vehicular traffic in I-395 HOV Lanes, GPL and ramp traffic. To achieve this, the LANE Team's approaches to constructing the project are:

1. To facilitate the management of two project scopes: I-395 Express Lane and Additional Department Improvements (DEW), the LANE has developed an Initial Baseline Schedule based on this scope division.
2. I-395 Express Lane Construction WBS reflects the Sequence of Construction (Section 4.7.1), so it has 4 main segments: Segment 1 to 3 of I-395 Express Lane Work, Segment 4 - Pentagon Reservation Work..
3. DEW Construction WBS has 3 main segments: I-395 SBL Widening, Edsall Road, and Duke Street. I-395 SBL Widening will be constructed in the same 3 phases as discussed in Sequence of Construction. The LANE Team will construct Edsall Road and Duke Street utilizing the phasing plan (Stage 1 & 2 only) proposed by the RFP Conceptual Plans for the DEW Work.
4. The LANE Team recognizes that the Project is highly linear in nature. Thus we will adopt the industrial norm of work fronts approach in planning our construction operations. The LANE Team will also impose a minimum time delay between the two operations for the required QC and QA inspection, testing and reporting to occur.
5. The LANE Team has created review activities to account for Transurban's plan review and approval time for every design deliverable, submittals, and shop drawings contained within the schedule. The duration of these activities are 28 calendar days.
6. For typical construction operations, the activity durations already account for the QA/QC inspection and testing duration. However, for the final acceptance of critical systems, gantries, and bridge repair, the LANE Team has created specific activities to represent the QA/QC inspection, testing and acceptance time.
7. For design deliverables, the LANE Team has created specific activities to represent design QA/QC and internal plan reviews.
8. The LANE Team has created a WBS group for TTMS Contractor Integration. Within this WBS group, there are critical milestones for the TTMS Contractor, and the TTMS work activities at each gantry.

I-395 Express Lane Scope

In the LANE Team's sequence of construction, the 395 Express Lane work is broken into four (4) segments, and each segment is constructed in four phases, based on the RFP Conceptual Plans. The scope of work includes drainage, roadway re-construction, barrier wall, ITS structures, sound barrier, four gantries, and the modification

/ repair of 18 bridges. As noted above, the Pentagon Reservations work comprises Segment 4, because the Work at that location is to be performed during 2018 and the associated activities require additional constraints.

MOT / Phasing and Segmentation: In the Initial Baseline Schedule, the segmentation and the four phases of construction for I-395 Express Lane reflect the Sequence of Construction (refer to Section 4.7.1). The schedule activities in each segment and phase should correctly reflect the scope of work in Level 3 or greater details.

- **Phase 1** - The LANE Team will construct the shoulder strengthening on the west side of the I-395 HOV lanes, and convert it into a temporary pavement for Phase 2 traffic. Work will be performed in off-peak lane closure
- **Phase 2** – The LANE Team will construct mill-and-overlay for the existing I-395 travel lanes to wedge the roadway up for the proposed final grade, and construct temporary pavement over the strengthened shoulder. Then the LANE team will install the temporary barrier wall and shift traffic into the Phase 3 construction alignment. The Work will primarily be performed in night shift or weekend closure, and the traffic will shift incrementally every night to conform to the progress of the night’s paving and temporary pavement marking operation.
- **Phase 3** – The LANE Team will demolish the existing east shoulder, construct new travel lane, shoulder, and drainage, barrier wall, underground utilities, lighting, ITS, signage, and roadside equipment, as well as bridge repair and rehabilitation (Segment 2 and 3). The LANE Team will also construct sound barrier on I-395 SBL during this phase to avoid the MOT conflict of having barrier wall on both sides of the I-395 SBL. This applies equally for both ground and wall mounted sound barrier.
- **Phase 4** – The LANE Team will shaft the barrier walls across to west side of the I-395 HOV lanes, and shift HOV traffic east onto the newly constructed roadway. The LANE Team will demolish west shoulder, construct new travel lane, shoulder, and drainage, barrier wall, underground utilities, lighting, ITS, signage, and roadside equipment, as well as bridge repair and rehabilitation (Segment 2 and 3). Similarly, the LANE Team will also construct sound barrier on I-395 NBL during this phase to avoid the MOT conflict of having barrier wall on both sides of the I-395 NBL. This applies equally for both ground and wall mounted sound barrier. For Segment 1, Phase 4 construction will not start until the completion of DEW Phase 2 roadway work.

Gantries: In order to turn-over the four gantries at 210, 180, 150 and 120 days prior to Service Commencement Date, the LANE Team has isolated the scope of gantry work in their WBS within their corresponding sequence. The scope of the gantry work are as follows:

- Gantry No. 1 is located in Segment 1. The LANE Team will start construction at same time as Phase 4 ITS foundation installation. We specifically identified that the Project must complete paving to final surface for the required distance from and to the gantry structures, and created activities for QC/QA tests and acceptance of the corresponding equipment, and turn-over the gantry structures to the TTMS Contractor.
- Gantry No. 2 is located within Segment 2. The LANE Team will start construction at the same time as Phase 3 ITS foundation installation, but cannot complete gantry erection until the start of Phase 4 ITS foundation installation. Gantry Nos. 2, 3, and 4 have the same paving requirement as Gantry No. 1, and the LANE Team has included QC and acceptance activities similar to Gantry No. 1 for these gantries.
- Gantry No. 3 is located within Segment 3. The LANE Team will start construction at same time as Phase 3 ITS foundation installation, but cannot complete gantry erection until the start of Phase 4 ITS foundation installation.
- Gantry No. 4 is located within Segment 3. The LANE Team will start construction of this gantry at the same time as Phase 3 ITS foundation installation, but cannot complete gantry erection until the start of Phase 4 ITS foundation installation.

Gantry Turn-Over before Service Commencement Date (Days)	Turn-Over to TTMS Contractor Date	Gantry
210	02/25/19	2
180	04/01/19	3
150	04/26/19	4
120	05/29/19	1

TTMS Integration

The LANE Team has created to a Level 2 WBS structure for TTMS Contractor Integration. The LANE Team includes in the WBS the list of milestones per the TTMS Interface Plan Appendix C, and the work duration which TTMS contractor has for completing its scope on the four gantries and the ITS / roadside equipment communication system. In addition, the LANE Teams also included four activities to represent the turn-over of roadside equipment and communication network to the TTMS contractor for the four gantries; so the LANE Team could communicate to the TTMS contractor the dates of turn-over. For Segment 1-3, the LANE Team also included a “test and accept” activity in each segment to represent the process of testing and turning-over to roadside equipment and communication network to the TTMS contractor. Finally, the Initial Baseline Schedule tracks the procurement of gantries, and other ITS / roadside equipment from shop drawing development to fabrication. This allows the LANE Team to communicate with TTMS contractor of any design or factory review date.

Pentagon South Parking

The Pentagon South Parking Lot work, includes but is not limited to concrete paving for bus loop, excavation, grading, drainage, sidewalks, pavement markings, fence, security system, barrier wall (K-12), lighting, signalization, short term and temporary construction. The LANE Team will follow the sequencing proposed by RFP Conceptual Plan (Addendum No. 5), and start the construction with the permanent bus loop, sidewalk, and bus shelter relocation; this is followed by the short term construction - signalization, traffic island, and temporary public access. Finally, we will place striping, seal coat and perform all final work. All work will be completed on or before November 30, 2018 per RFP Part 2 Section 1.4.1.B.16.

Eads Street

Eads Street is an access road to Pentagon, and it is to be widening under I-395 Express Lane Scope. In LANE Team’s sequence of construction, the work is divided into North and South sections. The LANE Team will construct the north section concurrently with Pentagon South Parking in 2018. For both North and South sections, the Work will be constructed in 4 phases. For Phase 1, the LANE Team will shift traffic to construct the median and inside lanes. For Phase 2, the LANE Team will adjust MOT, and shift traffic to construct the proposed remaining southbound lanes. During Phase 3, the LANE Team will relocate the MOT, and shift traffic to construct the proposed remaining northbound lanes. For Phase 4, the LANE Team will relocate the MOT, and shift traffic to complete the median construction, the remaining signalization and lighting work, and perform the perform the final paving and striping.

Bridge Repair and Deck Reconstruction

There are two main categories of bridge work in the Project scope – underdeck and deck work. Both categories of work can be performed concurrently with proper planning and coordination. Underdeck work typically start with installation of shoring, then installation of underdeck conduits, followed by substructure and beam repair, and finish with bearing pad repair/replacement. Deck work will start with repairing of barrier wall and approach slabs. Then we will demolish and reconstruct the existing overhang, widening the approach slabs, and construct the new bridge parapet. We will mill / hydro demo the exist bridge deck, repair the deck, pour the deck back with LMC-VE concrete, and groove the deck. Finally, we will construction expansion joint replacement and pier joint reconstruction.

In terms of phasing, the bridge work within I-395 Express Lane alignment will be constructed according to the east and west side of the bridge. LANE team will reiterate that the east and west side deck reconstructions will be performed during Phase 3 and 4 of the corresponding segment phasing. For the 8 bridges included on the

GP portion of the project, we will perform the work on the first five (5) bridges concurrently with Segment 1 bridge work, and perform the work on the remaining three bridges concurrently with Segment 2 bridge work. Based on this approach, the LANE team will allocate bridge resources corresponding to bridges in Segments 1, 2, and 3, respectively; thus resulting in an evenly leveled resource allocation for the LANE Team and minimizing the involvement of VDOT and Transurban – an added value to the Project.

Also, the Team plans to perform the DEW bridge repair and deck reconstruction work (Sanger, West Braddock, and I-395 over Route 27 NBL & Joyce) immediately after their corresponding 395 Express Lanes work to minimize the mobilization and de-mobilization of bridge resources.

Additional Department Improvement Scope (DEW)

The LANE Team will construct the DEW in three (3) phases. The sound barrier of DEW will be constructed during Phase 1 and 2 of this Project Scope, while the bridge work will be constructed in connection with corresponding I-395 Express Lane bridge work.

MOT, Phasing and Work Areas

The sequence of construction for DEW is specifically based on the Stage 1 and 3 of RFP proposed sequence. The LANE Team will utilize the RFP proposed phasing (Stage 1 and 2 only) for the widening of Duke Street and Edsall Road.

- **Phase 1** – The LANE Team organized this phase into 3 main areas: Area 1- Ramp ED-A, Area 2 =I-395 SBL widening from station 46+50 to 119+50 (includes Ramp DK-B), and Area 3 - widening of I-395 SBL from station 128+20 to 149+10. The scope of work for Phase 1 is to construct new roadway adjacent the existing roadway. Within Section 2, there are sound barriers and retaining walls. The wall work will be performed independent of the roadway due to the design and fabrication requirements of the wall.
- **Phase 2** – The LANE Team contains 2 areas: Area 1 - I-395 SBL widening from Station 33+50 to 48+10 plus Ramp ED-A, ED-B and ED-D. Area 2 – I-395 SBL widening from station 76+00 to 158+00 plus Ramp DK-B, DK-E and DK-D. The scope of work includes roadway widening, switching the ramp traffic into the new alignment, demolishing existing ramps, and constructing SWM ponds.

The LANE Team has separated the roadway work for Area 2 into two groups: affected by sound barrier and not-affected sound barrier. By completing the roadway work not affected by sound barrier ahead of the sound barriers work, the LANE Team should be able to switch MOT phasing to start I-395 Express Lane Segment 1 Phase 4 work. It mitigates the schedule impact caused by the MOT conflict between I-395 Express Lane Segment 1 Phase 4 and the DEW Phase 1 and 2 work.

- **Phase 3** – The LANE Team has divided the phase into 4 areas. Area 1 - I-395 SBL widening from station 27+50 to 33+70, Area 2 - SBL inside lane widening from station 82+60 to 100+00, Area 3 - Ramp DK-E, and Area 4 - Ramp DK-J. The scope of work includes roadway widening, and switch ramp traffic into new alignment, then demolish existing ramps.

Edsall Road

The local road intersects with I-395, and its widening is part of the DEW scope. The Project will be constructed in two (2) phases. During Phase 1, the LANE Team will construct temporary median lanes, install temporary barrier walls on the outside lanes and shift traffic towards the median, then construct the roadway widening. For Phase 2, the LANE Team will shift the outside temporary barrier wall on westbound outside lanes, remove temporary barrier wall on eastbound outside lane and install barrier wall on both sides of the median. The LANE Team will then complete the remaining west bound lane widening, and the median.

Duke Street

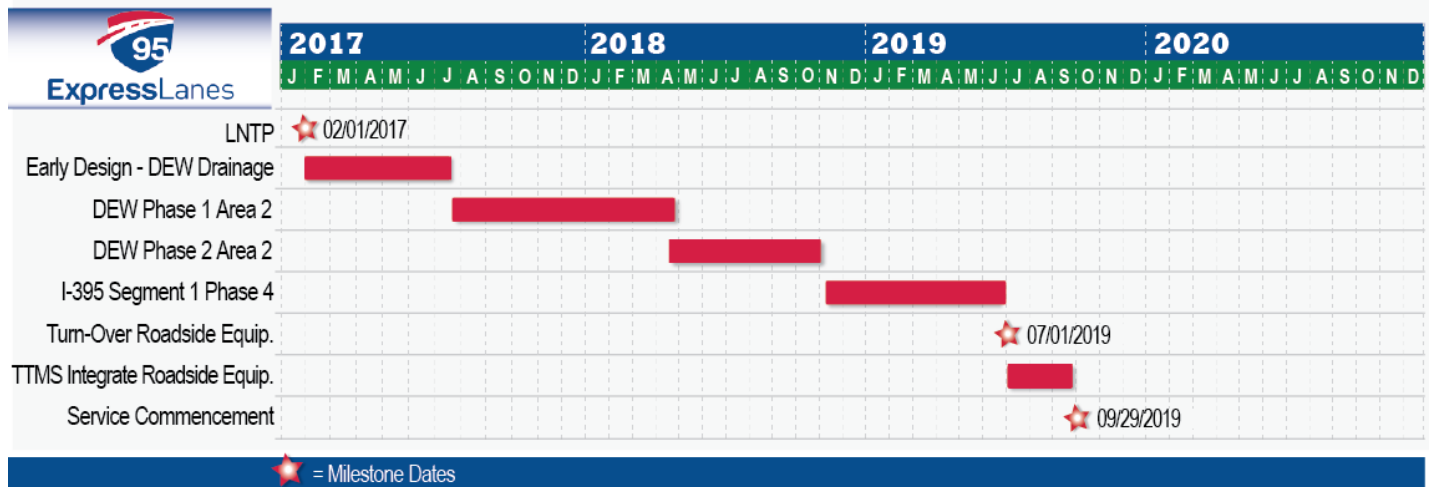
Duke Street also intersects with I-395, and its widening is also part of the DEW scope. This area will be constructed in 2 phases. In Phase 1, we will construct temporary paving, install temporary barrier walls on the westbound outside lanes and shift traffic towards the eastbound lane, then construct the westbound roadway widening. For Phase 2, the LANE Team will shift the outside temporary barrier wall on westbound outside

lanes, and install barrier wall on both sides of the median. Subsequently, the LANE Team will complete the remaining west bound lane widening, and the median.

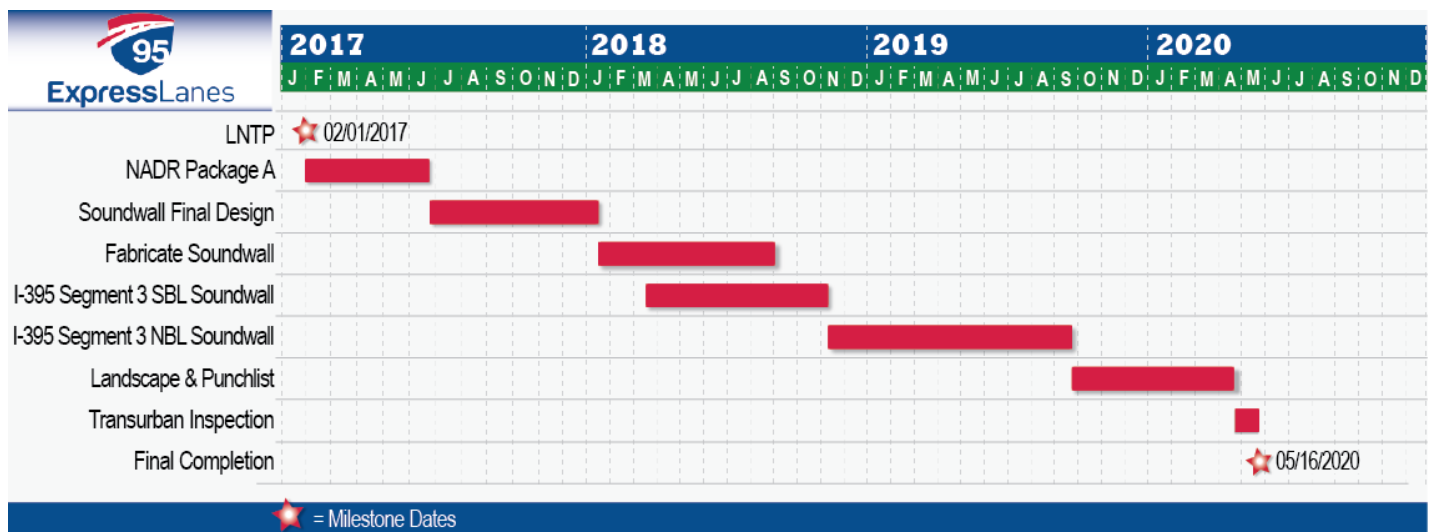
Critical Path

There are two critical completion milestones in the Project: Service Commencement Date and Final Completion and each milestone has its own requirements. As a result, the Project has two critical paths in achieving this milestones:

Service Commencement – The critical path starts with LNTP then Early Works – DEW Early Grade and Drain package. Upon the release of RFC plan for the package, the path is to Start of Construction for the Project and DEW Phase 1 – Section 2. It then extends through the roadway construction in the section until the completion, and the phasing sequence into DEW Phase 2, Section 2. The critical path follows the roadway construction in the section until the completion of the section roadway work. It follows the operation constraint between DEW and I-395 Express Lanes, and goes to I-395 Section 3, Phase 4. The critical path once again follows the sequence of construction of the section until it reaches the installation, testing and acceptance of ITS / roadside of equipment. The LANE Team will then turn-over the remaining ITS roadside equipment to the TTMS Contractor, who has 90 days to integrate the equipment and achieve Service Commencement.



Final Completion – This is also the Longest Path for the Project. It starts with LNTP, then Early Work – Sound Barrier Analysis – Package A (SBL). This is followed by the final design and fabrication of the SBL sound barrier. The critical path will then switch to construction phase, and start the SBL sound barrier foundation in I-395 Segment 3 Phase 3. Upon completion of the sound barrier, the critical path follows the phasing sequence into Segment 3 Phase 4 wall-mounted sound barrier construction sequence into landscape for I-395 Express Lanes. This is followed by project-wide final punch list, issue Notice of Final Completion, and Transurban inspect and accept the Project within 30-days.



Schedule Assumptions

Various assumptions are incorporated into the Project Schedule. These assumptions are:

- Right-of-way acquisition activities included in the schedule throughout the alignment reflecting estimations in regards to parcels needed for land acquisition or easements.
- Early Works- a single EW period to occur subsequent to LNTP and ending before NTP of July 1, 2017 based on Transurban's anticipated project financing.
- Bridge rehabilitation scope is based on patching and repair of decks and duration included for full deck replacements.
- Durations for patching of bridge decks based on 30% area defined by the RFP.
- Design package submissions for approval by Transurban are limited to single and defined number of second submissions.
- Stakeholder review periods for design submission not to exceed 14 calendar days.
- Segment 4 Pentagon Reservation work limited to activities and durations governed by the RFP Attachment since there is a currently limited design information available.
- All barrier walls and parapet walls on bridges are planned to be slip-formed in-place. Accordingly, there is very limited use of manually-constructed barrier walls.
- Girder shoring assumed to maintain MOT beneath rehabilitated bridges. Post shoring not assumed.



Conclusion

We have developed an initial baseline Schedule and Narrative that demonstrates our understanding of the complexities and interrelationships of the phasing elements of the two project scopes. Additionally, our Initial Baseline Schedule takes into account: Early Works, internal plan reviews, Transurban plan reviews and approvals, environmental permitting, right of way acquisitions, utility relocations, and construction sequencing, phasing and activities. The LANE Team identified two critical paths in the Project: one to Service Commencement Date and other to Final Completion. The critical path for the Service Commence Date is shaped by the additional operational constraint identified by the LANE Team, where I-395 Segment 1, Phase 4 and DEW Phases 1 & 2 cannot be concurrent. Failing to account for this constraint in the schedule effectively renders the critical path non-feasible, and the resultant completion date inaccurate.

The LANE Team is committed to develop an accurate and robust Baseline Schedule to better serve Transurban and VDOT, all associated stakeholders, and the traveling public. Once the Early Works process begins, all team members will actively work together to make this project more efficient, high quality and award winning.

Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020											
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N
395 Express Lane Project - Early Completion 30 Days																																																				
Admin																																																				
Project Milestones																																																				
A000-1090	Proposal Price Due (12/19/2016)	0	19-Dec-16*		◆ Proposal Price Due (12/19/2016)																																															
A000-1000	Notice of Award	0	05-Jan-17*		◆ Notice of Award																																															
A000-1010	LNTTP (2/1/17)	0	01-Feb-17*		◆ LNTTP (2/1/17)																																															
A000-1020	Anticipated NTP (7/1/17)	0	01-Jul-17		◆ Anticipated NTP (7/1/17)																																															
C100-1130	Submit O&M Manuals, and Conduct Trainings	60	28-Jun-19	26-Aug-19																																																
C100-1080	Submit Final Construction Documents for Service Commencement (include	60	28-Jun-19	26-Aug-19																																																
C100-1050	Acceptance of TMS, Lighting, Signs and Signals, I-395 Express Lane	60	28-Jun-19	26-Aug-19																																																
C100-1020	Punchlist Pre-I-395 Express Lane Service Commencement	60	28-Jun-19	26-Aug-19																																																
C100-1060	Issue Notice of Service Commencement Readiness, I-395 Express Lane	1	27-Aug-19	27-Aug-19																																																
C100-1070	Transurban Inspect and Accept I-395 Express Lane for Service Commencement	30	28-Aug-19	26-Sep-19																																																
A000-1550	Service Commencement Date (09/29/2019)	0	29-Sep-19*		◆ Service Commencement Date (09/29/2019)																																															
C100-1090	Punchlist Post-I-395 Express Lane Service Commencement	90	30-Sep-19	28-Dec-19																																																
C100-1120	Submit Project Documents for Final Completion (Release of Liens, As-Built	60	17-Feb-20	16-Apr-20																																																
C200-1040	Punchlist, Project Wide Final Completion	45	03-Mar-20	16-Apr-20																																																
C100-1100	Issue Notice of Final Completion, I-395 Express Lane	1	16-Apr-20	16-Apr-20																																																
C100-1110	Transurban Inspect and Accept Final Completion	30	17-Apr-20	16-May-20																																																
A000-1560	Final Completion Date (5/16/2020)	0	16-May-20*		◆ Final Completion Date (5/16/2020)																																															
Design Milestones																																																				
DMS-1000	Notice of Award (01/05/2017)	0	05-Jan-17		◆ Notice of Award (01/05/2017)																																															
DMS-1070	Begin Segment 4 Package (Pentagon Parking Lot)	0	01-Feb-17		◆ Begin Segment 4 Package (Pentagon Parking Lot)																																															
DMS-1040	Begin Segment 1 (1533+65 to 1613+65)	0	01-Feb-17		◆ Begin Segment 1 (1533+65 to 1613+65)																																															
DMS-1020	Design-Builder LNTTP	0	01-Feb-17		◆ Design-Builder LNTTP																																															
DMS-1010	Design LNTTP	0	01-Feb-17		◆ Design LNTTP																																															
DMS-1080	Begin Duke Edsell Widening (DEW) Package	0	22-Feb-17		◆ Begin Duke Edsell Widening (DEW) Package																																															
DMS-1050	Begin Segment 2 (1613+65 to 1758+65)	0	22-Feb-17		◆ Begin Segment 2 (1613+65 to 1758+65)																																															
DMS-1060	Begin Segment 3 (1758+65 to 1882+20)	0	17-Mar-17		◆ Begin Segment 3 (1758+65 to 1882+20)																																															
DMS-1030	Anticipated NTP (Design)	0	01-Jul-17		◆ Anticipated NTP (Design)																																															
DMS-1090	RFC Submittal Segment 1 (1533+65 to 1613+65)	0		28-Sep-17	◆ RFC Submittal Segment 1 (1533+65 to 1613+65)																																															
DMS-1130	RFC Submittal Duke Edsell Widening (DEW) Package	0		19-Oct-17	◆ RFC Submittal Duke Edsell Widening (DEW) Package																																															
DMS-1100	RFC Submittal Segment 2 (1613+65 to 1758+65)	0		19-Oct-17	◆ RFC Submittal Segment 2 (1613+65 to 1758+65)																																															
DMS-1110	RFC Submittal Segment 3 (1758+65 to 1882+20)	0		14-Nov-17	◆ RFC Submittal Segment 3 (1758+65 to 1882+20)																																															
DMS-1120	RFC Submittal Segment 4 Package (Pentagon Parking Lot)	0		17-Nov-17	◆ RFC Submittal Segment 4 Package (Pentagon Parking Lot)																																															
DMS-1200	Design Complete	0		28-Feb-18	◆ Design Complete																																															
Project Overviews																																																				
A000-1480	I-395 Express Segment 3 Phase 1 Duration	55	01-Jul-17	24-Aug-17																																																
A000-1440	I-395 Express Segment 2 Phase 1 Duration	91	01-Jul-17	29-Sep-17																																																
A000-1400	I-395 Express Segment 1 Phase 1 Duration	90	14-Jul-17	11-Oct-17																																																
A000-1520	DEW Phase 1 Duration	286	15-Jul-17	26-Apr-18																																																
A000-1490	I-395 Express Segment 3 Phase 2 Duration	82	19-Aug-17	08-Nov-17																																																
A000-1450	I-395 Express Segment 2 Phase 2 Duration	90	14-Sep-17	12-Dec-17																																																
A000-1410	I-395 Express Segment 1 Phase 2 Duration	160	27-Sep-17	05-Mar-18																																																
A000-1500	I-395 Express Segment 3 Phase 3 Duration	358	15-Nov-17	07-Nov-18																																																
A000-1460	I-395 Express Segment 2 Phase 3 Duration	247	13-Dec-17	16-Aug-18																																																
A000-1570	Segment 4 - Pentagon South Parking Duration	333	02-Jan-18	30-Nov-18																																																
A000-1420	I-395 Express Segment 1 Phase 3 Duration	228	06-Mar-18	19-Oct-18																																																
A000-1530	DEW Phase 2 Duration	426	27-Apr-18	26-Jun-19																																																
A000-1470	I-395 Express Segment 2 Phase 4 Duration	271	17-Aug-18	14-May-19																																																
A000-1510	I-395 Express Segment 3 Phase 4 Duration	258	08-Nov-18	23-Jul-19																																																
A000-1430	I-395 Express Segment 1 Phase 4 Duration	236	08-Nov-18	01-Jul-19																																																
A000-1540	DEW Phase 3 Duration	120	27-Jun-19	24-Oct-19																																																
TTMS Contractor Integration																																																				
C000-2050	100% Design of Toll Site	0		26-Sep-17	◆ 100% Design of Toll Site																																															
C000-2060	100% Design of Communications Network	0		29-Sep-17	◆ 100% Design of Communications Network																																															
C000-2040	100% Design of ITS Roadside Equipment Layout	0		29-Sep-17	◆ 100% Design of ITS Roadside Equipment Layout																																															

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017																															2018												2019												2020														
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N																						
DM-1290	Submit DBE/SWaM and Workforce Plan	0		25-Apr-17	◆ Submit DBE/SWaM and Workforce Plan																																																																					
DM-1300	Transurban DBE/SWaM and Workforce Plan	20	26-Apr-17	23-May-17	■ Transurban DBE/SWaM and Workforce Plan																																																																					
Construction Quality Management Plan (CQMP)					59	01-Feb-17	23-May-17																																																																			
DM-1310	Develop CQMP	60	01-Feb-17	25-Apr-17	■ Develop CQMP																																																																					
DM-1320	Submit CQMP	0		25-Apr-17	◆ Submit CQMP																																																																					
DM-1330	Transurban Review and Approve CQMP	28	26-Apr-17	23-May-17	■ Transurban Review and Approve CQMP																																																																					
Health Safety and Security Plan					39	01-Feb-17	11-Apr-17																																																																			
DM-1340	Develop Health Safety and Security Plan	30	01-Feb-17	14-Mar-17	■ Develop Health Safety and Security Plan																																																																					
DM-1350	Submit Health Safety and Security Plan	0		14-Mar-17	◆ Submit Health Safety and Security Plan																																																																					
DM-1360	Transurban Review and Approve Health Safety and Security Plan	28	15-Mar-17	11-Apr-17	■ Transurban Review and Approve Health Safety and Security Plan																																																																					
Design-Builder Operation Plans					59	01-Feb-17	23-May-17																																																																			
DM-1370	Develop Design-Builder Operation Plans	60	01-Feb-17	25-Apr-17	■ Develop Design-Builder Operation Plans																																																																					
DM-1380	Submit Design-Builder Operation Plans	0		25-Apr-17	◆ Submit Design-Builder Operation Plans																																																																					
DM-1390	Transurban Review Design-Builder Operation Plans (FYI)	28	26-Apr-17	23-May-17	■ Transurban Review Design-Builder Operation Plans (FYI)																																																																					
Early Work					200	01-Feb-17	08-Feb-18																																																																			
LNTP - Early Design					197	01-Feb-17	02-Feb-18																																																																			
LNTP-1000	Begin LNTP - Early Design	0	01-Feb-17		◆ Begin LNTP - Early Design																																																																					
LNTP-1010	Complete LNTP - Early Design efforts	0		17-May-17	◆ Complete LNTP - Early Design efforts																																																																					
Utilities & Subsurface Utility Exploration					95	01-Feb-17	14-Jun-17																																																																			
LNTP-1150	Perform SUE Field Work	75	01-Feb-17	16-May-17	■ Perform SUE Field Work																																																																					
LNTP-2115	Perform SUE Field Work - Pentagon Reservation	5	08-Mar-17	14-Mar-17	■ Perform SUE Field Work - Pentagon Reservation																																																																					
LNTP-1155	Update Base Mapping & Utility Records	15	17-May-17	07-Jun-17	■ Update Base Mapping & Utility Records																																																																					
LNTP-1160	Submit (internal) SUE Data for Design Input	5	08-Jun-17	14-Jun-17	■ Submit (internal) SUE Data for Design Input																																																																					
Geotechnical Investigation					114	01-Feb-17	31-Aug-17																																																																			
Temporary and Permanent Pavement Report					35	11-May-17	13-Jul-17																																																																			
LNTP-1120	Develop Geotechnical Report and Recommendations	20	11-May-17	08-Jun-17	■ Develop Geotechnical Report and Recommendations																																																																					
LNTP-1330	Submit Temporary and Permanent Pavement Report	0		08-Jun-17	◆ Submit Temporary and Permanent Pavement Report																																																																					
LNTP-1340	Transurban Review - Temporary and Permanent Pavement Report	28	09-Jun-17	06-Jul-17	■ Transurban Review - Temporary and Permanent Pavement Report																																																																					
LNTP-1350	Finalize Temporary and Permanent Pavement Report	5	07-Jul-17	13-Jul-17	■ Finalize Temporary and Permanent Pavement Report																																																																					
Geotechnical Borings					140	15-Feb-17	31-Aug-17																																																																			
LNTP-1090	Boring and Utility Locates	15	15-Feb-17	07-Mar-17	■ Boring and Utility Locates																																																																					
LNTP-1095	Boring and Utility Locates - Pentagon Reservation	5	01-Mar-17	07-Mar-17	■ Boring and Utility Locates - Pentagon Reservation																																																																					
LNTP-1105	Geotechnical Borings - Pentagon Reservation	5	08-Mar-17	14-Mar-17	■ Geotechnical Borings - Pentagon Reservation																																																																					
LNTP-1100	Geotechnical Borings - Early Work	72	22-Mar-17	30-Jun-17	■ Geotechnical Borings - Early Work																																																																					
LNTP-1110	Geotechnical Lab Testing - Early Work	57	12-Apr-17	30-Jun-17	■ Geotechnical Lab Testing - Early Work																																																																					
LNTP-2125	Geotechnical Borings	28	03-Jul-17	10-Aug-17	■ Geotechnical Borings																																																																					
LNTP-2135	Geotechnical Lab Testing	43	03-Jul-17	31-Aug-17	■ Geotechnical Lab Testing																																																																					
Access / ROE / Permits					15	01-Feb-17	21-Feb-17																																																																			
LNTP-1080	Access / ROE / Permits	15	01-Feb-17	21-Feb-17	■ Access / ROE / Permits																																																																					
Boring Plan					10	01-Feb-17	14-Feb-17																																																																			
LNTP-1070	Boring Plan Development & Approval	10	01-Feb-17	14-Feb-17	■ Boring Plan Development & Approval																																																																					
Survey					100	01-Feb-17	21-Jun-17																																																																			
LNTP-1790	Perform ROW Survey	75	01-Feb-17	16-May-17	■ Perform ROW Survey																																																																					
LNTP-1060	Locate Geotechnical Test Holes and Utilities	100	01-Feb-17	21-Jun-17	■ Locate Geotechnical Test Holes and Utilities																																																																					
LNTP-1050	Perform Supplemental Design Survey	75	01-Feb-17	16-May-17	■ Perform Supplemental Design Survey																																																																					
LNTP-1065	Locate Geotechnical Test Holes and Utilities - Pentagon Reservation	5	15-Mar-17	21-Mar-17	■ Locate Geotechnical Test Holes and Utilities - Pentagon Reservation																																																																					
LNTP-1055	Perform Supplemental Design Survey - Pentagon Reservation	5	15-Mar-17	21-Mar-17	■ Perform Supplemental Design Survey - Pentagon Reservation																																																																					
LNTP-1061	Update Base Mapping	15	17-May-17	07-Jun-17	■ Update Base Mapping																																																																					
LNTP-1062	Submit Updated Survey Data for Design Input (Internal)	5	08-Jun-17	14-Jun-17	■ Submit Updated Survey Data for Design Input (Internal)																																																																					
Scope Validation					64	01-Feb-17	01-May-17																																																																			
Pentagon Improvements Validation					64	01-Feb-17	01-May-17																																																																			
LNTP-1045	Perform Pentagon Improvements Validation	64	01-Feb-17	01-May-17	■ Perform Pentagon Improvements Validation																																																																					
Bridge Rehabilitation Quantities					64	01-Feb-17	01-May-17																																																																			
LNTP-1040	Bridge Rehabilitation Quantities	64	01-Feb-17	01-May-17	■ Bridge Rehabilitation Quantities																																																																					
Existing Drainage Structures Validation					64	01-Feb-17	01-May-17																																																																			
LNTP-1030	Existing Drainage Structures Validation	64	01-Feb-17	01-May-17	■ Existing Drainage Structures Validation																																																																					
Pavement Design Validation					64	01-Feb-17	01-May-17																																																																			

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020											
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N
LNT-1020	Perform Pavement Design Validation	64	01-Feb-17	01-May-17	Perform Pavement Design Validation																																															
Final Design for Initial Construction					Final Design for Initial Construction																																															
MOT / SWPPP Phase 1, 2					MOT / SWPPP Phase 1, 2																																															
LNT-1170	Develop MOT / SWPPP Phase 1 & 2 Plan	61	01-Feb-17	26-Apr-17	Develop MOT / SWPPP Phase 1 & 2 Plan																																															
LNT-1180	QA/QC MOT / SWPPP Phase 1 & 2 Plan	15	27-Apr-17	17-May-17	QA/QC MOT / SWPPP Phase 1 & 2 Plan																																															
LNT-1190	Submit MOT / SWPPP Phase 1 & 2 Plan for Transurban Review	0		17-May-17	Submit MOT / SWPPP Phase 1 & 2 Plan for Transurban Review																																															
LNT-1200	Transurban Review MOT / SWPPP Phase 1 & 2 Plan	28	18-May-17	14-Jun-17	Transurban Review MOT / SWPPP Phase 1 & 2 Plan																																															
LNT-1210	RFC MOT / SWPPP Phase 1 & 2 Plan	10	15-Jun-17	28-Jun-17	RFC MOT / SWPPP Phase 1 & 2 Plan																																															
Environmental Permitting					Environmental Permitting																																															
404 / 401 Permits					404 / 401 Permits																																															
LNT-1220	Delineate any additional areas outside of the NEPA assessed corridor (if req'd)	90	01-Feb-17	07-Jun-17	Delineate any additional areas outside of the NEPA assessed corridor (if req'd)																																															
LNT-1250	Draft 404/401 permit application (begin at 60% plan design) - Early Work	17	08-Jun-17	30-Jun-17	Draft 404/401 permit application (begin at 60% plan design) - Early Work																																															
LNT-2145	Draft 404/401 permit application (begin at 60% plan design)	57	03-Jul-17	21-Sep-17	Draft 404/401 permit application (begin at 60% plan design)																																															
LNT-1770	Final 404/401 permit application	90	22-Sep-17	31-Jan-18	Final 404/401 permit application																																															
408 Permits					408 Permits																																															
LNT-1750	Delineate any additional areas outside of the NEPA assessed corridor (if req'd)	90	01-Feb-17	07-Jun-17	Delineate any additional areas outside of the NEPA assessed corridor (if req'd)																																															
LNT-1760	Draft 408 permit application (begin at 60% plan design) - Early Work	17	08-Jun-17	30-Jun-17	Draft 408 permit application (begin at 60% plan design) - Early Work																																															
LNT-2155	Draft 408 permit application (begin at 60% plan design)	57	03-Jul-17	21-Sep-17	Draft 408 permit application (begin at 60% plan design)																																															
LNT-1780	Final 408 permit application	90	22-Sep-17	31-Jan-18	Final 408 permit application																																															
Sensitive Resource Coordination					Sensitive Resource Coordination																																															
LNT-1240	Provide Sensitive Resource Coordination, as needed	82	01-Feb-17	25-May-17	Provide Sensitive Resource Coordination, as needed																																															
Regional and County planning and management program					Regional and County planning and management program																																															
LNT-1290	Provide Regional and County planning and management program coordinat	107	01-Feb-17	30-Jun-17	Provide Regional and County planning and management program coordinat																																															
LNT-2165	Provide Regional and County planning and management program coordinat	149	03-Jul-17	02-Feb-18	Provide Regional and County planning and management program coordinat																																															
Sound Barrier Analysis - Package A (SBL)					Sound Barrier Analysis - Package A (SBL)																																															
LNT-1260	Prepare Draft Noise Abatement Design Report (NADR) - Package A	53	01-Feb-17	14-Apr-17	Prepare Draft Noise Abatement Design Report (NADR) - Package A																																															
LNT-1270	Perform QA/QC Review of NADR - Package A	10	17-Apr-17	28-Apr-17	Perform QA/QC Review of NADR - Package A																																															
LNT-1280	Submit Draft NADR - Package A	0		28-Apr-17	Submit Draft NADR - Package A																																															
LNT-1360	Transurban Review Draft NADR - Package A	22	01-May-17	31-May-17	Transurban Review Draft NADR - Package A																																															
LNT-1370	Address Comment and Prepare Final NADR - Package A	15	01-Jun-17	21-Jun-17	Address Comment and Prepare Final NADR - Package A																																															
LNT-1380	Submit Final NADR - Package A	0		21-Jun-17	Submit Final NADR - Package A																																															
LNT-1390	Transurban Approves Final NADR - Package A	5	22-Jun-17	28-Jun-17	Transurban Approves Final NADR - Package A																																															
LNT-1400	Department Develops Letter and Obtains Concurrence - Package A	5	29-Jun-17	06-Jul-17	Department Develops Letter and Obtains Concurrence - Package A																																															
LNT-1410	Initiate Balloting Process (Certified Mail) - Package A	5	07-Jul-17	13-Jul-17	Initiate Balloting Process (Certified Mail) - Package A																																															
LNT-1420	Public Response Period for First Ballot - Package A	15	14-Jul-17	03-Aug-17	Public Response Period for First Ballot - Package A																																															
LNT-1430	Initiate Secondary Balloting Process (non-certified mail) - Package A	5	04-Aug-17	10-Aug-17	Initiate Secondary Balloting Process (non-certified mail) - Package A																																															
LNT-1440	Period for Public Response to Supplemental Balloting - Package A	10	11-Aug-17	24-Aug-17	Period for Public Response to Supplemental Balloting - Package A																																															
LNT-1450	Department Prepares Second Concurrence Letter - Package A	5	25-Aug-17	31-Aug-17	Department Prepares Second Concurrence Letter - Package A																																															
Sound Barrier Analysis - Package B (NBL)					Sound Barrier Analysis - Package B (NBL)																																															
LNT-1460	Prepare Draft Noise Abatement Design Report (NADR) - Package B	53	27-Feb-17	10-May-17	Prepare Draft Noise Abatement Design Report (NADR) - Package B																																															
LNT-1470	Perform QA/QC Review of NADR - Package B	10	11-May-17	24-May-17	Perform QA/QC Review of NADR - Package B																																															
LNT-1480	Submit Draft NADR - Package B	0		24-May-17	Submit Draft NADR - Package B																																															
LNT-1490	Transurban Review Draft NADR - Package B	22	25-May-17	26-Jun-17	Transurban Review Draft NADR - Package B																																															
LNT-1500	Address Comment and Prepare Final NADR - Package B	15	27-Jun-17	18-Jul-17	Address Comment and Prepare Final NADR - Package B																																															
LNT-1510	Submit Final NADR - Package B	0		18-Jul-17	Submit Final NADR - Package B																																															
LNT-1520	Transurban Approves Final NADR - Package B	5	19-Jul-17	25-Jul-17	Transurban Approves Final NADR - Package B																																															
LNT-1530	Department Develops Letter and Obtains Concurrence - Package B	5	26-Jul-17	01-Aug-17	Department Develops Letter and Obtains Concurrence - Package B																																															
LNT-1540	Initiate Balloting Process (Certified Mail) - Package B	5	02-Aug-17	08-Aug-17	Initiate Balloting Process (Certified Mail) - Package B																																															
LNT-1550	Public Response Period for First Ballot - Package B	15	09-Aug-17	29-Aug-17	Public Response Period for First Ballot - Package B																																															
LNT-1560	Initiate Secondary Balloting Process (non-certified mail) - Package B	5	30-Aug-17	06-Sep-17	Initiate Secondary Balloting Process (non-certified mail) - Package B																																															
LNT-1570	Period for Public Response to Supplemental Balloting - Package B	10	07-Sep-17	20-Sep-17	Period for Public Response to Supplemental Balloting - Package B																																															
LNT-1580	Department Prepares Second Concurrence Letter - Package B	5	21-Sep-17	27-Sep-17	Department Prepares Second Concurrence Letter - Package B																																															
Sound Barrier Design (Seminary Road)					Sound Barrier Design (Seminary Road)																																															
Coordinate Third Party and Governmental Approvals					Coordinate Third Party and Governmental Approvals																																															
SB-1650	Coordinate Third Party and Governmental Approvals	20	02-Feb-17	01-Mar-17	Coordinate Third Party and Governmental Approvals																																															
Coordinate Utilities, ROW & Permitting					Coordinate Utilities, ROW & Permitting																																															
SB-1660	Coordinate Utilities, ROW & Permitting	20	02-Feb-17	01-Mar-17	Coordinate Utilities, ROW & Permitting																																															
Finalize Sound Barrier Configuration & Aesthetics					Finalize Sound Barrier Configuration & Aesthetics																																															

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020											
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
SB-1670	Finalize Sound Barrier Configuration & Aesthetics	20	02-Feb-17	01-Mar-17	Finalize Sound Barrier Configuration & Aesthetics																																															
Final Design - Sound Barrier Structures Plan					63 02-Mar-17 28-Jun-17																																															
SB-1740	Develop Final Sound Barrier Structures Plan	40	02-Mar-17	26-Apr-17	Develop Final Sound Barrier Structures Plan																																															
SB-1750	Perform QA/QC Review - Final Sound Barrier Structures Plan	15	27-Apr-17	17-May-17	Perform QA/QC Review - Final Sound Barrier Structures Plan																																															
SB-1760	Constr. Review - Final Sound Barrier Structures Plan	10	04-May-17	17-May-17	Constr. Review - Final Sound Barrier Structures Plan																																															
SB-1770	Submit - Final Sound Barrier Structures Plan	0		17-May-17	Submit - Final Sound Barrier Structures Plan																																															
SB-1780	Transurban Review - Final Sound Barrier Structures Plan	28	18-May-17	14-Jun-17	Transurban Review - Final Sound Barrier Structures Plan																																															
SB-1790	Address Review Comments - Final Sound Barrier Structures Plan	5	15-Jun-17	21-Jun-17	Address Review Comments - Final Sound Barrier Structures Plan																																															
SB-1800	Produce and Submit RFC - Sound Barrier Structures Plan	5	22-Jun-17	28-Jun-17	Produce and Submit RFC - Sound Barrier Structures Plan																																															
Early Bridge Rehab Package					79 01-Feb-17 28-Jun-17																																															
LNTP-1300	Develop Early Bridge Rehab Design	71	01-Feb-17	10-May-17	Develop Early Bridge Rehab Design																																															
LNTP-1590	QA/QC Early Bridge Rehab Design	10	11-May-17	24-May-17	QA/QC Early Bridge Rehab Design																																															
LNTP-1600	Submit Early Bridge Rehab Design	0		24-May-17	Submit Early Bridge Rehab Design																																															
LNTP-1610	Transurban Review Early Bridge Rehab Design	28	25-May-17	21-Jun-17	Transurban Review Early Bridge Rehab Design																																															
LNTP-1620	RFC Early Bridge Rehab Design	5	22-Jun-17	28-Jun-17	RFC Early Bridge Rehab Design																																															
Early Demo and ITS Package					89 01-Feb-17 14-Jul-17																																															
LNTP-1310	Develop MOT / SWPPP Phase 3 Design	70	01-Feb-17	09-May-17	Develop MOT / SWPPP Phase 3 Design																																															
LNTP-1640	Develop ITS Design	70	02-Feb-17	10-May-17	Develop ITS Design																																															
LNTP-1630	Develop Roadway Demo Design	70	02-Feb-17	10-May-17	Develop Roadway Demo Design																																															
LNTP-1650	QA/QC Early Demo and ITS Package	15	11-May-17	01-Jun-17	QA/QC Early Demo and ITS Package																																															
LNTP-1660	Submit Early Demo and ITS Package	0		01-Jun-17	Submit Early Demo and ITS Package																																															
LNTP-1670	Transurban Review Early Demo and ITS Package	28	02-Jun-17	29-Jun-17	Transurban Review Early Demo and ITS Package																																															
LNTP-1680	RFC Early Demo and ITS Package	10	30-Jun-17	14-Jul-17	RFC Early Demo and ITS Package																																															
DEW Early Grade & Drain Package					89 01-Feb-17 14-Jul-17																																															
LNTP-1700	Develop SWPPP - DEW Early Grade & Drain	70	01-Feb-17	09-May-17	Develop SWPPP - DEW Early Grade & Drain																																															
LNTP-1690	Develop DEW Early Drainage Design	70	01-Feb-17	09-May-17	Develop DEW Early Drainage Design																																															
LNTP-1320	Develop MOT / SWPPP Phase 3 Design	70	01-Feb-17	09-May-17	Develop MOT / SWPPP Phase 3 Design																																															
LNTP-1710	QA/QC Early Demo and ITS Package	15	10-May-17	31-May-17	QA/QC Early Demo and ITS Package																																															
LNTP-1720	Submit DEW Early Grade & Drain Package	0		31-May-17	Submit DEW Early Grade & Drain Package																																															
LNTP-1730	Transurban Review DEW Early Grade & Drain Package	28	02-Jun-17	29-Jun-17	Transurban Review DEW Early Grade & Drain Package																																															
LNTP-1740	RFC DEW Early Grade & Drain Package	10	30-Jun-17	14-Jul-17	RFC DEW Early Grade & Drain Package																																															
ROW Acquisition					101 17-May-17 20-Nov-17																																															
DEW Phase 1 Area 2					101 17-May-17 20-Nov-17																																															
LNTP-1810	Title Report Preparation - DEW Ph 1 Area 2	20	17-May-17	14-Jun-17	Title Report Preparation - DEW Ph 1 Area 2																																															
LNTP-1800	Prepare ROW Acquisition Plats - DEW Ph 1 Area 2	20	17-May-17	14-Jun-17	Prepare ROW Acquisition Plats - DEW Ph 1 Area 2																																															
LNTP-1820	Appraisals - DEW Ph 1 Area 2	30	15-Jun-17	27-Jul-17	Appraisals - DEW Ph 1 Area 2																																															
LNTP-1830	Appraisal Reviews - DEW Ph 1 Area 2	10	28-Jul-17	10-Aug-17	Appraisal Reviews - DEW Ph 1 Area 2																																															
LNTP-1850	Prepare and Submit Offers - DEW Ph 1 Area 2	14	11-Aug-17	24-Aug-17	Prepare and Submit Offers - DEW Ph 1 Area 2																																															
LNTP-1840	Negotiations - DEW Ph 1 Area 2	40	25-Aug-17	20-Oct-17	Negotiations - DEW Ph 1 Area 2																																															
LNTP-1860	Settlement / File Cot - DEW Ph 1 Area 2	20	23-Oct-17	17-Nov-17	Settlement / File Cot - DEW Ph 1 Area 2																																															
LNTP-1870	ROW Clear - DEW Ph 1 Area 2	1	20-Nov-17	20-Nov-17	ROW Clear - DEW Ph 1 Area 2																																															
DEW Phase 2 Area 2					101 17-May-17 20-Nov-17																																															
LNTP-1890	Title Report Preparation - DEW Ph 2 Area 2	20	17-May-17	14-Jun-17	Title Report Preparation - DEW Ph 2 Area 2																																															
LNTP-1880	Prepare ROW Acquisition Plats - DEW Ph 2 Area 2	20	17-May-17	14-Jun-17	Prepare ROW Acquisition Plats - DEW Ph 2 Area 2																																															
LNTP-1900	Appraisals - DEW Ph 2 Area 2	30	15-Jun-17	27-Jul-17	Appraisals - DEW Ph 2 Area 2																																															
LNTP-1910	Appraisal Reviews - DEW Ph 2 Area 2	10	28-Jul-17	10-Aug-17	Appraisal Reviews - DEW Ph 2 Area 2																																															
LNTP-1920	Prepare and Submit Offers - DEW Ph 2 Area 2	14	11-Aug-17	24-Aug-17	Prepare and Submit Offers - DEW Ph 2 Area 2																																															
LNTP-1930	Negotiations - DEW Ph 2 Area 2	40	25-Aug-17	20-Oct-17	Negotiations - DEW Ph 2 Area 2																																															
LNTP-1940	Settlement / File Cot - DEW Ph 2 Area 2	20	23-Oct-17	17-Nov-17	Settlement / File Cot - DEW Ph 2 Area 2																																															
LNTP-1950	ROW Clear - DEW Ph 2 Area 2	1	20-Nov-17	20-Nov-17	ROW Clear - DEW Ph 2 Area 2																																															
Eads Street					101 17-May-17 20-Nov-17																																															
LNTP-1970	Title Report Preparation - Eads St	20	17-May-17	14-Jun-17	Title Report Preparation - Eads St																																															
LNTP-1960	Prepare ROW Acquisition Plats - Eads St	20	17-May-17	14-Jun-17	Prepare ROW Acquisition Plats - Eads St																																															
LNTP-1980	Appraisals - Eads St	30	15-Jun-17	27-Jul-17	Appraisals - Eads St																																															
LNTP-1990	Appraisal Reviews - Eads St	10	28-Jul-17	10-Aug-17	Appraisal Reviews - Eads St																																															
LNTP-2000	Prepare and Submit Offers - Eads St	14	11-Aug-17	24-Aug-17	Prepare and Submit Offers - Eads St																																															
LNTP-2010	Negotiations - Eads St	40	25-Aug-17	20-Oct-17	Negotiations - Eads St																																															
LNTP-2020	Settlement / File Cot - Eads St	20	23-Oct-17	17-Nov-17	Settlement / File Cot - Eads St																																															

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020											
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N
LNT-2030	ROW Clear - Eads St	1	20-Nov-17	20-Nov-17	ROW Clear - Eads St																																															
I-395 Express Lane - Seg 2					101 17-May-17 20-Nov-17																																															
LNT-2050	Title Report Preparation - I-395 Seg 2	20	17-May-17	14-Jun-17	█ Title Report Preparation - I-395 Seg 2																																															
LNT-2040	Prepare ROW Acquisition Plats - I-395 Seg 2	20	17-May-17	14-Jun-17	█ Prepare ROW Acquisition Plats - I-395 Seg 2																																															
LNT-2060	Appraisals - I-395 Seg 2	30	15-Jun-17	27-Jul-17	█ Appraisals - I-395 Seg 2																																															
LNT-2070	Appraisal Reviews - I-395 Seg 2	10	28-Jul-17	10-Aug-17	█ Appraisal Reviews - I-395 Seg 2																																															
LNT-2080	Prepare and Submit Offers - I-395 Seg 2	14	11-Aug-17	24-Aug-17	█ Prepare and Submit Offers - I-395 Seg 2																																															
LNT-2090	Negotiations - I-395 Seg 2	40	25-Aug-17	20-Oct-17	█ Negotiations - I-395 Seg 2																																															
LNT-2100	Settlement / File Cot - I-395 Seg 2	20	23-Oct-17	17-Nov-17	█ Settlement / File Cot - I-395 Seg 2																																															
LNT-2110	ROW Clear - I-395 Seg 2	1	20-Nov-17	20-Nov-17	ROW Clear - I-395 Seg 2																																															
Sound Barriers					199 02-Feb-17 08-Feb-18																																															
SBL Sound Barrier					186 02-Feb-17 16-Jan-18																																															
Geotechnical - SBL Sound Barrier					179 30-Mar-17 12-Dec-17																																															
Sound Barrier & Retaining Wall Memo - SBL Sound Barrier					179 30-Mar-17 12-Dec-17																																															
SB-1850	Develop Intermediate Sound Barrier & Retaining Wall Memo - SBL Sound B	50	30-Mar-17	08-Jun-17	█ Develop Intermediate Sound Barrier & Retaining Wall Memo - SBL Sound Barrier																																															
SB-1860	Develop Final Sound Barrier & Retaining Wall Memo - SBL Sound Barrier	34	24-Oct-17	12-Dec-17	█ Develop Final Sound Barrier & Retaining Wall Memo - SBL Sound Barrier																																															
Coordinate Third Party and Governmental Approvals					90 02-Feb-17 08-Jun-17																																															
SB-1000	Coordinate Third Party and Governmental Approvals	90	02-Feb-17	08-Jun-17	█ Coordinate Third Party and Governmental Approvals																																															
Coordinate Utilities, ROW & Permitting					90 02-Feb-17 08-Jun-17																																															
SB-1010	Coordinate Utilities, ROW & Permitting	90	02-Feb-17	08-Jun-17	█ Coordinate Utilities, ROW & Permitting																																															
Finalize Sound Barrier Configuration & Aesthetics					90 02-Feb-17 08-Jun-17																																															
SB-1020	Finalize Sound Barrier Configuration & Aesthetics	90	02-Feb-17	08-Jun-17	█ Finalize Sound Barrier Configuration & Aesthetics																																															
Intermediate Design - Sound Barrier Structures Plan					63 29-Jun-17 20-Oct-17																																															
SB-1030	Develop Intermediate Sound Barrier Structures Plan	40	29-Jun-17	24-Aug-17	█ Develop Intermediate Sound Barrier Structures Plan																																															
SB-1040	Perform QA/QC Review - Intermediate Sound Barrier Structures Plan	15	25-Aug-17	15-Sep-17	█ Perform QA/QC Review - Intermediate Sound Barrier Structures Plan																																															
SB-1050	Constr. Review - Intermediate Sound Barrier Structures Plan	10	01-Sep-17	15-Sep-17	█ Constr. Review - Intermediate Sound Barrier Structures Plan																																															
SB-1060	Submit - Intermediate Sound Barrier Structures Plan	0		15-Sep-17	◆ Submit - Intermediate Sound Barrier Structures Plan																																															
SB-1070	Transurban Review - Intermediate Sound Barrier Structures Plan	28	16-Sep-17	13-Oct-17	█ Transurban Review - Intermediate Sound Barrier Structures Plan																																															
SB-1080	Address Review Comments - Intermediate Sound Barrier Structures Plan	5	16-Oct-17	20-Oct-17	█ Address Review Comments - Intermediate Sound Barrier Structures Plan																																															
Final Design - Sound Barrier Structures Plan					64 18-Sep-17 16-Jan-18																																															
SB-1100	Develop Final Sound Barrier Structures Plan	34	18-Sep-17	02-Nov-17	█ Develop Final Sound Barrier Structures Plan																																															
SB-1110	Perform QA/QC Review - Final Sound Barrier Structures Plan	15	03-Nov-17	27-Nov-17	█ Perform QA/QC Review - Final Sound Barrier Structures Plan																																															
SB-1120	Constr. Review - Final Sound Barrier Structures Plan	10	10-Nov-17	27-Nov-17	█ Constr. Review - Final Sound Barrier Structures Plan																																															
SB-1130	Submit - Final Sound Barrier Structures Plan	0		27-Nov-17	◆ Submit - Final Sound Barrier Structures Plan																																															
SB-1140	Transurban Review - Final Sound Barrier Structures Plan	28	28-Nov-17	25-Dec-17	█ Transurban Review - Final Sound Barrier Structures Plan																																															
SB-1150	Address Review Comments - Final Sound Barrier Structures Plan	5	26-Dec-17	02-Jan-18	█ Address Review Comments - Final Sound Barrier Structures Plan																																															
SB-1160	Produce and Submit RFC - Sound Barrier Structures Plan	10	03-Jan-18	16-Jan-18	█ Produce and Submit RFC - Sound Barrier Structures Plan																																															
NBL Sound Barrier					199 02-Feb-17 08-Feb-18																																															
Geotechnical - NBL Sound Barrier					165 11-May-17 05-Jan-18																																															
Sound Barrier & Retaining Wall Memo - NBL Sound Barrier					165 11-May-17 05-Jan-18																																															
SB-1810	Develop Intermediate Sound Barrier & Retaining Wall Memo - NBL Sound B	36	11-May-17	30-Jun-17	█ Develop Intermediate Sound Barrier & Retaining Wall Memo - NBL Sound Barrier - Early Work																																															
SB-1870	Develop Intermediate Sound Barrier & Retaining Wall Memo - NBL Sound B	14	03-Jul-17	21-Jul-17	█ Develop Intermediate Sound Barrier & Retaining Wall Memo - NBL Sound Barrier																																															
SB-1820	Develop Final Sound Barrier & Retaining Wall Memo - NBL Sound Barrier	35	14-Nov-17	05-Jan-18	█ Develop Final Sound Barrier & Retaining Wall Memo - NBL Sound Barrier																																															
Coordinate Third Party and Governmental Approvals					120 02-Feb-17 21-Jul-17																																															
SB-1330	Coordinate Third Party and Governmental Approvals - Early Work	106	02-Feb-17	30-Jun-17	█ Coordinate Third Party and Governmental Approvals - Early Work																																															
SB-1880	Coordinate Third Party and Governmental Approvals	14	03-Jul-17	21-Jul-17	█ Coordinate Third Party and Governmental Approvals																																															
Coordinate Utilities, ROW & Permitting					120 02-Feb-17 21-Jul-17																																															
SB-1340	Coordinate Utilities, ROW & Permitting - Early Work	106	02-Feb-17	30-Jun-17	█ Coordinate Utilities, ROW & Permitting - Early Work																																															
SB-1890	Coordinate Utilities, ROW & Permitting	14	03-Jul-17	21-Jul-17	█ Coordinate Utilities, ROW & Permitting																																															
Finalize Sound Barrier Configuration & Aesthetics					120 02-Feb-17 21-Jul-17																																															
SB-1350	Finalize Sound Barrier Configuration & Aesthetics - Early Work	106	02-Feb-17	30-Jun-17	█ Finalize Sound Barrier Configuration & Aesthetics - Early Work																																															
SB-1900	Finalize Sound Barrier Configuration & Aesthetics	14	03-Jul-17	21-Jul-17	█ Finalize Sound Barrier Configuration & Aesthetics																																															
Intermediate Design - Sound Barrier Structures Plan					62 26-Jul-17 15-Nov-17																																															
SB-1360	Develop Intermediate Sound Barrier Structures Plan	40	26-Jul-17	20-Sep-17	█ Develop Intermediate Sound Barrier Structures Plan																																															
SB-1370	Perform QA/QC Review - Intermediate Sound Barrier Structures Plan	15	21-Sep-17	11-Oct-17	█ Perform QA/QC Review - Intermediate Sound Barrier Structures Plan																																															
SB-1380	Constr. Review - Intermediate Sound Barrier Structures Plan	10	28-Sep-17	11-Oct-17	█ Constr. Review - Intermediate Sound Barrier Structures Plan																																															
SB-1390	Submit - Intermediate Sound Barrier Structures Plan	0		11-Oct-17	◆ Submit - Intermediate Sound Barrier Structures Plan																																															
SB-1400	Transurban Review - Intermediate Sound Barrier Structures Plan	28	12-Oct-17	08-Nov-17	█ Transurban Review - Intermediate Sound Barrier Structures Plan																																															

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020											
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N
Intermediate Design Submittal - Segment 1 Package					<ul style="list-style-type: none"> ■ Assemble Intermediate Design Submittal - Segment 1 Package ■ Perform QA/QC Review Intermediate Design Submittal - Segment 1 Package ■ Constr. Review Intermediate Design Submittal - Segment 1 Package ◆ Submit Intermediate Design Submittal - Segment 1 Package ■ Transurban Review Intermediate Design Submittal - Segment 1 Package ■ Address Review Comments Intermediate Design Submittal - Segment 1 Package 																																															
Segment 2 (1613+65 to 1758+65)																																																				
Roadway - Segment 2																																																				
SG2-1000	Develop Intermediate Roadway Design - Segment 2	50	22-Feb-17	02-May-17	■ Develop Intermediate Roadway Design - Segment 2																																															
SG2-1010	Develop Final Roadway Design - Segment 2	35	08-Jun-17	27-Jul-17	■ Develop Final Roadway Design - Segment 2																																															
Drainage - Segment 2																																																				
SG2-1020	Develop Intermediate Drainage Design - Segment 2	50	22-Feb-17	02-May-17	■ Develop Intermediate Drainage Design - Segment 2																																															
SG2-1030	Develop Final Drainage Design - Segment 2	35	08-Jun-17	27-Jul-17	■ Develop Final Drainage Design - Segment 2																																															
Structures - Segment 2																																																				
Bridge Design - Segment 2																																																				
SG2-1310	Develop Intermediate Bridge Design - Segment 2	50	22-Feb-17	02-May-17	■ Develop Intermediate Bridge Design - Segment 2																																															
SG2-1320	Develop Final Bridge Design - Segment 2	35	08-Jun-17	27-Jul-17	■ Develop Final Bridge Design - Segment 2																																															
Signing & Lighting Structures Design - Segment 2																																																				
SG2-1330	Develop Intermediate Signing & Lighting Structures Design - Segment 2	50	22-Feb-17	02-May-17	■ Develop Intermediate Signing & Lighting Structures Design - Segment 2																																															
SG2-1340	Develop Final Signing & Lighting Structures Design - Segment 2	35	08-Jun-17	27-Jul-17	■ Develop Final Signing & Lighting Structures Design - Segment 2																																															
Toll Gantry Structures Design - Segment 2																																																				
SG2-1350	Develop Intermediate Toll Gantry Structures Design - Segment 2	50	22-Feb-17	02-May-17	■ Develop Intermediate Toll Gantry Structures Design - Segment 2																																															
SG2-1360	Develop Final Toll Gantry Structures Design - Segment 2	35	08-Jun-17	27-Jul-17	■ Develop Final Toll Gantry Structures Design - Segment 2																																															
Geotechnical - Segment 2																																																				
Structures Memo - Segment 2																																																				
SG2-1080	Develop Intermediate Structures Memo - Segment 2	50	22-Feb-17	02-May-17	■ Develop Intermediate Structures Memo - Segment 2																																															
SG2-1090	Develop Final Structures Memo - Segment 2	35	08-Jun-17	27-Jul-17	■ Develop Final Structures Memo - Segment 2																																															
Maintenance of Traffic (MOT) - Segment 2																																																				
SG2-1100	Develop Intermediate MOT Design - Segment 2	50	22-Feb-17	02-May-17	■ Develop Intermediate MOT Design - Segment 2																																															
SG2-1110	Develop Final MOT Design - Segment 2	35	08-Jun-17	27-Jul-17	■ Develop Final MOT Design - Segment 2																																															
ITS / TTMS - Segment 2																																																				
SG2-1120	Develop Intermediate ITS / TTMS Design - Segment 2	50	22-Feb-17	02-May-17	■ Develop Intermediate ITS / TTMS Design - Segment 2																																															
SG2-1130	Develop Final ITS / TTMS Design - Segment 2	35	08-Jun-17	27-Jul-17	■ Develop Final ITS / TTMS Design - Segment 2																																															
Signing & Illumination - Segment 2																																																				
SG2-1140	Develop Intermediate Signing & Illumination Signs Design - Segment 2	50	22-Feb-17	02-May-17	■ Develop Intermediate Signing & Illumination Signs Design - Segment 2																																															
SG2-1150	Develop Final Signing & Illumination Signs Design - Segment 2	35	08-Jun-17	27-Jul-17	■ Develop Final Signing & Illumination Signs Design - Segment 2																																															
Utilities - Segment 2																																																				
SG2-1160	Develop Intermediate Utilities Design - Segment 2	50	22-Feb-17	02-May-17	■ Develop Intermediate Utilities Design - Segment 2																																															
SG2-1170	Develop Final Utilities Design - Segment 2	35	08-Jun-17	27-Jul-17	■ Develop Final Utilities Design - Segment 2																																															
Design Submittal - Segment 2 Package																																																				
Final Design Submittal - Segment 2 Package																																																				
SG2-1240	Assemble Final Design Submittal - Segment 2 Package	10	28-Jul-17	10-Aug-17	■ Assemble Final Design Submittal - Segment 2 Package																																															
SG2-1250	Perform QA/QC Review Final Design Submittal - Segment 2 Package	15	11-Aug-17	31-Aug-17	■ Perform QA/QC Review Final Design Submittal - Segment 2 Package																																															
SG2-1260	Constr. Review Final Design Submittal - Segment 2 Package	10	18-Aug-17	31-Aug-17	■ Constr. Review Final Design Submittal - Segment 2 Package																																															
SG2-1270	Submit Final Design Submittal - Segment 2 Package	0		31-Aug-17	◆ Submit Final Design Submittal - Segment 2 Package																																															
SG2-1280	Transurban Review Final Design Submittal - Segment 2 Package	28	01-Sep-17	28-Sep-17	■ Transurban Review Final Design Submittal - Segment 2 Package																																															
SG2-1290	Address Review Comments Final Design Submittal - Segment 2 Package	5	29-Sep-17	05-Oct-17	■ Address Review Comments Final Design Submittal - Segment 2 Package																																															
SG2-1300	Produce and Submit RFC Final Design Submittal - Segment 2 Package	10	06-Oct-17	19-Oct-17	■ Produce and Submit RFC Final Design Submittal - Segment 2 Package																																															
Intermediate Design Submittal - Segment 2 Package																																																				
SG2-1180	Assemble Intermediate Design Submittal - Segment 2 Package	10	03-May-17	16-May-17	■ Assemble Intermediate Design Submittal - Segment 2 Package																																															
SG2-1190	Perform QA/QC Review Intermediate Design Submittal - Segment 2 Package	15	17-May-17	07-Jun-17	■ Perform QA/QC Review Intermediate Design Submittal - Segment 2 Package																																															
SG2-1200	Constr. Review Intermediate Design Submittal - Segment 2 Package	10	24-May-17	07-Jun-17	■ Constr. Review Intermediate Design Submittal - Segment 2 Package																																															
SG2-1210	Submit Intermediate Design Submittal - Segment 2 Package	0		07-Jun-17	◆ Submit Intermediate Design Submittal - Segment 2 Package																																															
SG2-1220	Transurban Review Intermediate Design Submittal - Segment 2 Package	28	08-Jun-17	05-Jul-17	■ Transurban Review Intermediate Design Submittal - Segment 2 Package																																															
SG2-1230	Address Review Comments Intermediate Design Submittal - Segment 2 Package	5	06-Jul-17	12-Jul-17	■ Address Review Comments Intermediate Design Submittal - Segment 2 Package																																															
Segment 3 (1758+65 to 1882+20)																																																				
Roadway - Segment 3																																																				
		110	17-Mar-17	21-Aug-17																																																

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020											
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N
F156-1020	Fabricate I-395 NBL Sound Barrier Ground Mounted	487	08-Apr-18	07-Aug-19	Fabricate I-395 NBL Sound Barrier Ground Mounted																																															
ITS Components / Roadside Equipment					<ul style="list-style-type: none"> Prepare Shop Drawings for I-395 ITS Components / Roadside Equipment Review Shop Drawings for I-395 ITS Components / Roadside Equipment Fabricate I-395 ITS Components / Roadside Equipment 																																															
Gantry Structures					<ul style="list-style-type: none"> Prepare Shop Drawings for I-395 Gantry Structures Review Shop Drawings for I-395 Gantry Structures Fabricate I-395 Gantry Structures 																																															
Sign Structures					<ul style="list-style-type: none"> Prepare Shop Drawings for I-395 Sign Structures Review Shop Drawings for I-395 Sign Structures Fabricate I-395 Sign Structures 																																															
Stainless Steel Rebar					<ul style="list-style-type: none"> Prepare Shop Drawings for I-395 Stainless Steel Rebar Review Shop Drawings for I-395 Stainless Steel Rebar Fabricate I-395 Stainless Steel Rebar 																																															
Temp Barrier Wall					<ul style="list-style-type: none"> Prepare Shop Drawings for I-395 Temp Barrier Wall Review Shop Drawings for I-395 Temp Barrier Wall Fabricate I-395 Temp Barrier Wall 																																															
Light Weight Steel					<ul style="list-style-type: none"> Prepare Shop Drawings for I-395 Light Weight Steel Review Shop Drawings for I-395 Light Weight Steel Fabricate I-395 Light Weight Steel 																																															
Bearing Pads					<ul style="list-style-type: none"> Prepare Shop Drawings for I-395 Bearing Pads Review Shop Drawings for I-395 Bearing Pads Fabricate I-395 Bearing Pads 																																															
Shoring					<ul style="list-style-type: none"> Prepare Shop Drawings for I-395 Shoring Review Shop Drawings for I-395 Shoring Fabricate I-395 Shoring 																																															
Construction					<ul style="list-style-type: none"> Construction Mobilization, I-395 Express Lanes Start Construction Milestone, I-395 Express Lanes Final Mill-and-Overlay, I-395 Express Lanes Final Paving and Striping, I-395 Express Lanes Finish Construction Milestone-I-395 Express Lanes Landscape, I-395 Express Lanes 																																															
I-395					<ul style="list-style-type: none"> Start Milestone, I-395 Finish Milestone, I-395 																																															
Segment 1 - Sta. 1533+65 to 1613+65					<ul style="list-style-type: none"> Start Milestone, I-395 Seg 1 Finish Milestone, I-395 Seg 1 																																															
Phase 1					<ul style="list-style-type: none"> Start Milestone, I-395 Seg 1 - Ph 1 Install / Maintain MOT, I-395 Seg 1 - Ph 1 Repair Exist Conc Pvmnt Joints, I-395 Seg 1 - Ph 1 Demo & Pavement Strengthening Exist Shoulder, I-395 Seg 1 - Ph 1 Install Temp Paving, I-395 Seg 1 - Ph 1 Finish Milestone, I-395 Seg 1 - Ph 1 																																															
Phase 2					<ul style="list-style-type: none"> Start Milestone, I-395 Seg 1 - Ph 2 Install MOT, I-395 Seg 1 - Ph 2 Mill & Overlay / Build-up, I-395 Seg 1 - Ph 2 Construct Temp Asphalt Wedge, I-395 Seg 1 - Ph 2 																																															

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



Table with columns for Activity ID, Activity Name, Original Duration, Start, Finish, and monthly progress bars for years 2017 through 2020. Activities include bridge deck repairs, overhangs, and paving for segments 2 and 4.

Legend for Remaining Level of Effort, Actual Work, Remaining Work, Critical Remaining Work, and Milestone symbols.



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020											
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N
C126-1090	Test & Accept Equipment, I-395 Gantry #2	20	31-Dec-18	01-Feb-19																																																
C126-1100	Turn-Over Gantry to TTMS Contractor, I-395 Gantry #2	13	04-Feb-19	25-Feb-19																																																
C126-1110	Finish Milestone, I-395 Gantry #2	0		25-Feb-19																																																
Segment 3 - Sta. 1758+65 to 1882+20		401	01-Jul-17	23-Jul-19																																																
C130-1000	Start Milestone, I-395 Seg 3	0	01-Jul-17		◆ Start Milestone, I-395 Seg 3																																															
C130-1010	Finish Milestone, I-395 Seg 3	0		23-Jul-19	◆ Finish Milestone, I-395 Seg 3																																															
Phase 1		28	01-Jul-17	24-Aug-17																																																
C131-1000	Start Milestone, I-395 Seg 3 - Ph 1	0	01-Jul-17		◆ Start Milestone, I-395 Seg 3 - Ph 1																																															
C131-1010	Install MOT, I-395 Seg 3 - Ph 1	7	03-Jul-17	12-Jul-17	□ Install MOT, I-395 Seg 3 - Ph 1																																															
C131-1040	Repair Exist Conc Pvmnt Joints, I-395 Seg 3 - Ph 1	19	05-Jul-17	10-Aug-17	□ Repair Exist Conc Pvmnt Joints, I-395 Seg 3 - Ph 1																																															
C131-1020	Demo & Pavement Strengthening Exist Shoulder, I-395 Seg 3 - Ph 1	14	19-Jul-17	15-Aug-17	□ Demo & Pavement Strengthening Exist Shoulder, I-395 Seg 3 - Ph 1																																															
C131-1030	Install Temp Paving, I-395 Seg 3 - Ph 1	18	21-Jul-17	24-Aug-17	□ Install Temp Paving, I-395 Seg 3 - Ph 1																																															
C131-1050	Finish Milestone, I-395 Seg 3 - Ph 1	0		24-Aug-17	◆ Finish Milestone, I-395 Seg 3 - Ph 1																																															
Phase 2		45	19-Aug-17	08-Nov-17																																																
C132-1000	Start Milestone, I-395 Seg 3 - Ph 2	0	19-Aug-17		◆ Start Milestone, I-395 Seg 3 - Ph 2																																															
C132-1030	Mill & Overlay / Build-up, I-395 Seg 3 - Ph 2	8	21-Aug-17	31-Aug-17	□ Mill & Overlay / Build-up, I-395 Seg 3 - Ph 2																																															
C132-1010	Install MOT, I-395 Seg 3 - Ph 2	7	21-Aug-17	30-Aug-17	□ Install MOT, I-395 Seg 3 - Ph 2																																															
C133-1010	Install Temp. Conc Barrier Wall / MOT / E&S, I-395 Seg 3 - Ph 2	40	29-Aug-17	08-Nov-17	□ Install Temp. Conc Barrier Wall / MOT / E&S, I-395 Seg 3 - Ph 2																																															
C132-1020	Construct Temp Asphalt Wedge, I-395 Seg 3 - Ph 2	15	29-Aug-17	22-Sep-17	□ Construct Temp Asphalt Wedge, I-395 Seg 3 - Ph 2																																															
C133-1020	Stripe & Shift Traffic Incrementally with Paving Progression, I-395 Seg 3 - P	15	11-Oct-17	08-Nov-17	□ Stripe & Shift Traffic Incrementally with Paving Progression, I-395 Seg 3 - Ph 2																																															
C132-1040	Finish Milestone, I-395 Seg 3 - Ph 2	0		08-Nov-17	◆ Finish Milestone, I-395 Seg 3 - Ph 2																																															
Phase 3		192	15-Nov-17	07-Nov-18																																																
C133-1000	Start Milestone, I-395 Seg 3 - Ph 3	0	15-Nov-17		◆ Start Milestone, I-395 Seg 3 - Ph 3																																															
C133-1030	Remove Exist Guardrail / Barrier Wall, I-395 Seg 3 - Ph 3	30	15-Nov-17	11-Jan-18	□ Remove Exist Guardrail / Barrier Wall, I-395 Seg 3 - Ph 3																																															
C133-1040	Sawcut / Demo Exist Rdwy, I-395 Seg 3 - Ph 3	25	27-Nov-17	11-Jan-18	□ Sawcut / Demo Exist Rdwy, I-395 Seg 3 - Ph 3																																															
C133-1050	Excavate Rdwy, I-395 Seg 3 - Ph 3	50	05-Dec-17	06-Mar-18	□ Excavate Rdwy, I-395 Seg 3 - Ph 3																																															
C133-1060	Install drainage, Repair Exist pipes & Trench Drain, I-395 Seg 3 - Ph 3	100	15-Dec-17	18-Jun-18	□ Install drainage, Repair Exist pipes & Trench Drain, I-395 Seg 3 - Ph 3																																															
C133-1070	Install ITS / Elect Ductbank, I-395 Seg 3 - Ph 3	75	15-Dec-17	01-May-18	□ Install ITS / Elect Ductbank, I-395 Seg 3 - Ph 3																																															
C133-1080	Install ITS Foundations & Barrier Blisters & Associate Conduits, I-395 Seg	75	20-Dec-17	04-May-18	□ Install ITS Foundations & Barrier Blisters & Associate Conduits, I-395 Seg 3 - Ph 3																																															
C133-1090	Construct Subbase, I-395 Seg 3 - Ph 3	50	27-Mar-18	27-Jun-18	□ Construct Subbase, I-395 Seg 3 - Ph 3																																															
C133-1100	Install Underdrain, I-395 Seg 3 - Ph 3	60	05-Apr-18	24-Jul-18	□ Install Underdrain, I-395 Seg 3 - Ph 3																																															
C133-1110	Install Barrier Footing & Slipform Wall, I-395 Seg 3 - Ph 3	60	05-Apr-18	24-Jul-18	□ Install Barrier Footing & Slipform Wall, I-395 Seg 3 - Ph 3																																															
C133-1190	Construct Pier Protection / Substructure Repair, I-395 Seg 3 - Ph 3	5	25-Apr-18	01-May-18	□ Construct Pier Protection / Substructure Repair, I-395 Seg 3 - Ph 3																																															
C133-1160	Install ITS Structures / Gates /Components, I-395 Seg 3 - Ph 3	75	07-May-18	24-Sep-18	□ Install ITS Structures / Gates /Components, I-395 Seg 3 - Ph 3																																															
C133-1120	Flowfill Barrier Wall Footer, I-395 Seg 3 - Ph 3	25	19-Jun-18	06-Aug-18	□ Flowfill Barrier Wall Footer, I-395 Seg 3 - Ph 3																																															
C133-1130	Asphalt Paving I-395 Express Ln, I-395 Seg 3 - Ph 3	20	02-Jul-18	07-Aug-18	□ Asphalt Paving I-395 Express Ln, I-395 Seg 3 - Ph 3																																															
C133-1140	Asphalt Paving I-395 GP Ln, I-395 Seg 3 - Ph 3	20	09-Jul-18	14-Aug-18	□ Asphalt Paving I-395 GP Ln, I-395 Seg 3 - Ph 3																																															
C133-1170	Striping, I-395 Seg 3 - Ph 3	20	12-Jul-18	17-Aug-18	□ Striping, I-395 Seg 3 - Ph 3																																															
C133-1150	Install Guardrail, I-395 Seg 3 - Ph 3	15	19-Jul-18	16-Aug-18	□ Install Guardrail, I-395 Seg 3 - Ph 3																																															
C133-1180	Finish Milestone, I-395 Seg 3 - Ph 3	0		07-Nov-18	◆ Finish Milestone, I-395 Seg 3 - Ph 3																																															
I-395 HOV & Bus Ramp over Four Mile Run		122	01-Feb-18	14-Sep-18																																																
C133A1000	Start Milestone, I-395 Seg 3 - Ph 3 HOV over Four Mile Run	0	01-Feb-18		◆ Start Milestone, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1230	Install Underdeck MOT, I-395 Seg 3 - Ph 3 HOV over Four Mile Run	10	01-Feb-18	16-Feb-18	□ Install Underdeck MOT, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1240	Install MOT, I-395 Seg 3 - Ph 3 HOV over Four Mile Run	10	01-Feb-18	16-Feb-18	□ Install MOT, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1020	Repair Exist Approach Slab, I-395 Seg 3 - Ph 3 HOV over Four Mile Run	12	19-Feb-18	12-Mar-18	□ Repair Exist Approach Slab, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1030	Demo Deck Overhangs, I-395 Seg 3 - Ph 3 HOV over Four Mile Run	12	19-Feb-18	12-Mar-18	□ Demo Deck Overhangs, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1130	Install Underdeck Conduits & Backwall Repair, I-395 Seg 3 - Ph 3 HOV ove	20	19-Feb-18	27-Mar-18	□ Install Underdeck Conduits & Backwall Repair, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1060	Reconstruct Overhang & Re Steel, I-395 Seg 3 - Ph 3 HOV over Four Mile	20	14-Mar-18	20-Apr-18	□ Reconstruct Overhang & Re Steel, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1010	Install Shoring & Repair Substructure, I-395 Seg 3 - Ph 3 HOV over Four M	25	29-Mar-18	11-May-18	□ Install Shoring & Repair Substructure, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1110	Widen Approach Slab / Reconstruct Backwall, I-395 Seg 3 - Ph 3 HOV ove	20	23-Apr-18	25-May-18	□ Widen Approach Slab / Reconstruct Backwall, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1090	Construct Parapet Wall, I-395 Seg 3 - Ph 3 HOV over Four Mile Run	15	28-May-18	22-Jun-18	□ Construct Parapet Wall, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1050	Patch & Repair Deck, I-395 Seg 3 - Ph 3 HOV over Four Mile Run	10	25-Jun-18	12-Jul-18	□ Patch & Repair Deck, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1080	Install Deck Drain, I-395 Seg 3 - Ph 3 HOV over Four Mile Run	12	25-Jun-18	16-Jul-18	□ Install Deck Drain, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1040	Mill/Hydro-Demo Bridge Deck, I-395 Seg 3 - Ph 3 HOV over Four Mile Run	10	13-Jul-18	02-Aug-18	□ Mill/Hydro-Demo Bridge Deck, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1270	VDOT Inspection of Bridge Deck, I-395 Seg 3 - Ph 3 HOV over Four Mile F	10	16-Jul-18	03-Aug-18	□ VDOT Inspection of Bridge Deck, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1100	Pour LMC-VE Concrete on Bridge Deck & Groove, I-395 Seg 3 - Ph 3 HOV	15	06-Aug-18	30-Aug-18	□ Pour LMC-VE Concrete on Bridge Deck & Groove, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1070	Reconstruct Pier Joint, I-395 Seg 3 - Ph 3 HOV over Four Mile Run	5	31-Aug-18	07-Sep-18	□ Reconstruct Pier Joint, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															
C133A1120	Replace Expansion Deck Joints, I-395 Seg 3 - Ph 3 HOV over Four Mile Ri	8	31-Aug-18	13-Sep-18	□ Replace Expansion Deck Joints, I-395 Seg 3 - Ph 3 HOV over Four Mile Run																																															

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020												
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
C133A1250	VDOT Acceptance of Bridge, I-395 Seg 3 - Ph 3 HOV over Four Mile Run	1	14-Sep-18	14-Sep-18																																																	
C133A1140	Finish Milestone, I-395 Seg 3 - Ph 3 HOV over Four Mile Run	0		14-Sep-18																																																	
Bus Ramp		26	01-Feb-18	20-Mar-18																																																	
C133A1150	Start Milestone, I-395 Seg 3 - Ph 3 Bus Ramp over Four Mile Run	0	01-Feb-18																																																		
C133A1160	Install / Maintain MOT, I-395 Seg 3 - Ph 3 Bus Ramp over Four Mile Run	10	01-Feb-18	16-Feb-18																																																	
C133A1180	Repair Exist Approach Slab, I-395 Seg 3 - Ph 3 Bus Ramp over Four Mile R	10	19-Feb-18	08-Mar-18																																																	
C133A1190	Reconstruct Pier Joint, I-395 Seg 3 - Ph 3 Bus Ramp over Four Mile Run	5	19-Feb-18	27-Feb-18																																																	
C133A1200	Replace Expansion Deck Joints, I-395 Seg 3 - Ph 3 Bus Ramp over Four M	5	19-Feb-18	27-Feb-18																																																	
C133A1170	Patch & Repair Deck / Barrier Wall, I-395 Seg 3 - Ph 3 Bus Ramp over Fou	10	01-Mar-18	19-Mar-18																																																	
C133A1260	VDOT Acceptance of Bridge, I-395 Seg 3 - Ph 3 Bus Ramp over Four Mile	1	20-Mar-18	20-Mar-18																																																	
C133A1210	Finish Milestone, I-395 Seg 3 - Ph 3 Bus Ramp over Four Mile Run	0		20-Mar-18																																																	
I-395 Bridge over Glebe Rd		115	15-Nov-17	18-Jun-18																																																	
C133B1000	Start Milestone, I-395 Seg 3 - Ph 3 Bridge over Glebe Rd	0	15-Nov-17																																																		
C133B1010	Install MOT / Temp. Conc Barrier Wall, I-395 Seg 3 - Ph 3 Bridge over Gleb	10	15-Nov-17	04-Dec-17																																																	
C133B1020	Demo Deck Overhangs, I-395 Seg 3 - Ph 3 Bridge over Glebe Rd	8	05-Dec-17	19-Dec-17																																																	
C133B1110	Install Underdeck Conduits & Backwall Repair, I-395 Seg 3 - Ph 3 Bridge ov	20	05-Dec-17	11-Jan-18																																																	
C133B1050	Reconstruct Overhang & Re Steel, I-395 Seg 3 - Ph 3 Bridge over Glebe Rd	20	20-Dec-17	25-Jan-18																																																	
C133B1090	Widen Approach Slab / Reconstruct Backwall, I-395 Seg 3 - Ph 3 Bridge ov	20	26-Jan-18	02-Mar-18																																																	
C133B1060	Construct Parapet Wall, I-395 Seg 3 - Ph 3 Bridge over Glebe Rd	15	05-Mar-18	30-Mar-18																																																	
C133B1040	Patch & Repair Deck, I-395 Seg 3 - Ph 3 Bridge over Glebe Rd	10	02-Apr-18	20-Apr-18																																																	
C133B1080	Install Deck Drain, I-395 Seg 3 - Ph 3 Bridge over Glebe Rd	12	02-Apr-18	24-Apr-18																																																	
C133B1030	Mill/Hydro-Demo Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over Glebe Rd	10	23-Apr-18	04-May-18																																																	
C133B1140	VDOT Inspection of Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over Glebe Rd	10	24-Apr-18	07-May-18																																																	
C133B1070	Pour LMC-VE Concrete on Bridge Deck & Groove, I-395 Seg 3 - Ph 3 Brid	15	09-May-18	06-Jun-18																																																	
C133B1100	Replace Expansion Deck Joints, I-395 Seg 3 - Ph 3 Bridge over Glebe Rd	5	07-Jun-18	15-Jun-18																																																	
C133B1130	VDOT Acceptance of Bridge, I-395 Seg 3 - Ph 3 Bridge over Glebe Rd	1	18-Jun-18	18-Jun-18																																																	
C133B1120	Finish Milestone, I-395 Seg 3 - Ph 3 Bridge over Glebe Rd	0		18-Jun-18																																																	
I-395 Bridge over Ramp G		85	15-Nov-17	24-Apr-18																																																	
C133C1000	Start Milestone, I-395 Seg 3 - Ph 3 Bridge over Ramp G	0	15-Nov-17																																																		
C133C1010	Install MOT / Temp. Conc Barrier Wall, I-395 Seg 3 - Ph 3 Bridge over Ram	7	15-Nov-17	28-Nov-17																																																	
C133C1020	Demo Deck Overhangs, I-395 Seg 3 - Ph 3 Bridge over Ramp G	5	29-Nov-17	08-Dec-17																																																	
C133C1110	Install Underdeck Conduits & Backwall Repair, I-395 Seg 3 - Ph 3 Bridge ov	12	29-Nov-17	20-Dec-17																																																	
C133C1050	Reconstruct Overhang & Re Steel, I-395 Seg 3 - Ph 3 Bridge over Ramp G	12	11-Dec-17	02-Jan-18																																																	
C133C1090	Widen Approach Slab / Reconstruct Backwall, I-395 Seg 3 - Ph 3 Bridge ov	20	03-Jan-18	05-Feb-18																																																	
C133C1060	Construct Parapet Wall, I-395 Ph 3 Bridge over Ramp G	10	06-Feb-18	23-Feb-18																																																	
C133C1040	Patch & Repair Deck, I-395 Seg 3 - Ph 3 Bridge over Ramp G	7	26-Feb-18	08-Mar-18																																																	
C133C1080	Install Deck Drain, I-395 Seg 3 - Ph 3 Bridge over Ramp G	8	26-Feb-18	09-Mar-18																																																	
C133C1030	Mill/Hydro-Demo Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over Ramp G	7	09-Mar-18	22-Mar-18																																																	
C133C1140	VDOT Inspection of Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over Ramp G	7	12-Mar-18	23-Mar-18																																																	
C133C1070	Pour LMC-VE Concrete on Bridge Deck & Groove, I-395 Seg 3 - Ph 3 Brid	10	26-Mar-18	13-Apr-18																																																	
C133C1100	Replace Expansion Deck Joints, I-395 Seg 3 - Ph 3 Bridge over Ramp G	5	16-Apr-18	23-Apr-18																																																	
C133C1130	VDOT Acceptance of Bridge, I-395 Seg 3 - Ph 3 Bridge over Ramp G	1	24-Apr-18	24-Apr-18																																																	
C133C1120	Finish Milestone, I-395 Seg 3 - Ph 3 Bridge over Ramp G	0		24-Apr-18																																																	
I-395 Bridge over Country Club Rd		142	15-Nov-17	09-Aug-18																																																	
C133D1000	Start Milestone, I-395 Seg 3 - Ph 3 Bridge over Country Club Rd	0	15-Nov-17																																																		
C133D1010	Install MOT / Temp. Conc Barrier Wall, I-395 Seg 3 - Ph 3 Bridge over Cour	10	15-Nov-17	04-Dec-17																																																	
C133D1170	Install Underdeck MOT, I-395 Seg 3 - Ph 3 Bridge over Country Club Rd	15	15-Nov-17	14-Dec-17																																																	
C133D1030	Repair Exist Approach Slab, I-395 Seg 3 - Ph 3 Bridge over Country Club R	12	05-Dec-17	27-Dec-17																																																	
C133D1040	Demo Deck Overhangs, I-395 Seg 3 - Ph 3 Bridge over Country Club Rd	15	05-Dec-17	03-Jan-18																																																	
C133D1070	Modify Exist Abutments, I-395 Seg 3 - Ph 3 Bridge over Country Club Rd	12	04-Jan-18	23-Jan-18																																																	
C133D1080	Erect New Beams & Diaphragms, I-395 Seg 3 - Ph 3 Bridge over Country C	5	25-Jan-18	01-Feb-18																																																	
C133D1090	Reconstruct Overhang & Re Steel, I-395 Seg 3 - Ph 3 Bridge over Country	20	02-Feb-18	09-Mar-18																																																	
C133D1150	Install Underdeck Conduits & Backwall Repair, I-395 Seg 3 - Ph 3 Bridge ov	15	02-Feb-18	01-Mar-18																																																	
C133D1020	Install Shoring & Repair Substructure, I-395 Seg 3 - Ph 3 Bridge over Coun	25	02-Mar-18	19-Apr-18																																																	
C133D1130	Widen Approach Slab / Reconstruct Backwall, I-395 Seg 3 - Ph 3 Bridge ov	20	12-Mar-18	19-Apr-18																																																	
C133D1100	Construct Parapet Wall, I-395 Seg 3 - Ph 3 Bridge over Country Club Rd	15	20-Apr-18	14-May-18																																																	
C133D1060	Patch & Repair Deck, I-395 Seg 3 - Ph 3 Bridge over Country Club Rd	10	16-May-18	01-Jun-18																																																	
C133D1120	Install Deck Drain, I-395 Seg 3 - Ph 3 Bridge over Country Club Rd	12	16-May-18	06-Jun-18																																																	

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020																																																											
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec																																															
C133D1050	Mill/Hydro-Demo Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over Country Club	10	04-Jun-18	21-Jun-18																																																	■ Mill/Hydro-Demo Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over Country Club Rd																																															
C133D1190	VDOT Inspection of Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over Country C	10	06-Jun-18	22-Jun-18																																																	■ VDOT Inspection of Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over Country Club Rd																																															
C133D1110	Pour LMC-VE Concrete on Bridge Deck & Groove, I-395 Seg 3 - Ph 3 Bridge	15	25-Jun-18	20-Jul-18																																																	■ Pour LMC-VE Concrete on Bridge Deck & Groove, I-395 Seg 3 - Ph 3 Bridge over Country Club Rd																																															
C133D1140	Replace Expansion Deck Joints, I-395 Seg 3 - Ph 3 Bridge over Country Cl	8	23-Jul-18	07-Aug-18																																																	■ Replace Expansion Deck Joints, I-395 Seg 3 - Ph 3 Bridge over Country Club Rd																																															
C133D1180	VDOT Acceptance of Bridge, I-395 Seg 3 - Ph 3 Bridge over Country Club I	1	09-Aug-18	09-Aug-18																																																	VDOT Acceptance of Bridge, I-395 Seg 3 - Ph 3 Bridge over Country Club Rd																																															
C133D1160	Finish Milestone, I-395 Seg 3 - Ph 3 Bridge over Country Club Rd	0		09-Aug-18																																																	◆ Finish Milestone, I-395 Seg 3 - Ph 3 Bridge over Country Club Rd																																															
I-395 Bridge over R-27					147					15-Nov-17					17-Aug-18																																																																																					
C133E1000	Start Milestone, I-395 Seg 3 - Ph 3 Bridge over R-27	0	15-Nov-17																																																		◆ Start Milestone, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1010	Install MOT / Temp. Conc Barrier Wall, I-395 Seg 3 - Ph 3 Bridge over R-27	15	15-Nov-17	14-Dec-17																																																	■ Install MOT / Temp. Conc Barrier Wall, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1140	Install Underdeck MOT, I-395 Seg 3 - Ph 3 Bridge over R-27	10	15-Nov-17	04-Dec-17																																																	■ Install Underdeck MOT, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1120	Install Underdeck Conduits & Backwall Repair, I-395 Seg 3 - Ph 3 Bridge ov	20	05-Dec-17	11-Jan-18																																																	■ Install Underdeck Conduits & Backwall Repair, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1020	Repair Exist Approach Slab, I-395 Seg 3 - Ph 3 Bridge over R-27	12	15-Dec-17	05-Jan-18																																																	■ Repair Exist Approach Slab, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1030	Demo Deck Overhangs, I-395 Seg 3 - Ph 3 Bridge over R-27	15	08-Jan-18	01-Feb-18																																																	■ Demo Deck Overhangs, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1060	Reconstruct Overhang & Re Steel, I-395 Seg 3 - Ph 3 Bridge over R-27	20	02-Feb-18	09-Mar-18																																																	■ Reconstruct Overhang & Re Steel, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1100	Widen Approach Slab / Reconstruct Backwall, I-395 Seg 3 - Ph 3 Bridge ov	20	12-Mar-18	19-Apr-18																																																	■ Widen Approach Slab / Reconstruct Backwall, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1080	Construct Parapet Wall, I-395 Seg 3 - Ph 3 Bridge over R-27	20	20-Apr-18	24-May-18																																																	■ Construct Parapet Wall, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1050	Patch & Repair Deck, I-395 Seg 3 - Ph 3 Bridge over R-27	10	25-May-18	11-Jun-18																																																	■ Patch & Repair Deck, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1040	Mill/Hydro-Demo Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over R-27	10	12-Jun-18	02-Jul-18																																																	■ Mill/Hydro-Demo Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1200	VDOT Inspection of Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over R-27	10	15-Jun-18	03-Jul-18																																																	■ VDOT Inspection of Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1090	Pour LMC-VE Concrete on Bridge Deck & Groove, I-395 Seg 3 - Ph 3 Bridg	15	05-Jul-18	02-Aug-18																																																	■ Pour LMC-VE Concrete on Bridge Deck & Groove, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1070	Reconstruct Pier Joint, I-395 Seg 3 - Ph 3 Bridge over R-27	8	03-Aug-18	16-Aug-18																																																	■ Reconstruct Pier Joint, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1110	Replace Expansion Deck Joints, I-395 Seg 3 - Ph 3 Bridge over R-27	8	03-Aug-18	16-Aug-18																																																	■ Replace Expansion Deck Joints, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1190	VDOT Acceptance of Bridge, I-395 Seg 3 - Ph 3 Bridge over R-27	1	17-Aug-18	17-Aug-18																																																	VDOT Acceptance of Bridge, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
C133E1130	Finish Milestone, I-395 Seg 3 - Ph 3 Bridge over R-27	0		17-Aug-18																																																	◆ Finish Milestone, I-395 Seg 3 - Ph 3 Bridge over R-27																																															
I-395 & NBL over R-27 NBL & Joyce St					132					15-Nov-17					19-Jul-18																																																																																					
C133F1000	Start Milestone, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St	0	15-Nov-17																																																		◆ Start Milestone, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1010	Install MOT / Temp. Conc Barrier Wall, I-395 Seg 3 - Ph 3 Bridge over R-27	10	15-Nov-17	04-Dec-17																																																	■ Install MOT / Temp. Conc Barrier Wall, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1140	Install Underdeck MOT, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce	15	15-Nov-17	14-Dec-17																																																	■ Install Underdeck MOT, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1030	Demo Deck Overhangs, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce	15	29-Nov-17	27-Dec-17																																																	■ Demo Deck Overhangs, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1020	Repair Exist Approach Slab, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Jo	12	05-Dec-17	27-Dec-17																																																	■ Repair Exist Approach Slab, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1120	Install Underdeck Conduits & Backwall Repair, I-395 Seg 3 - Ph 3 Bridge ov	20	15-Dec-17	19-Jan-18																																																	■ Install Underdeck Conduits & Backwall Repair, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1060	Reconstruct Overhang & Re Steel, I-395 Seg 3 - Ph 3 Bridge over R-27 NE	20	29-Dec-17	01-Feb-18																																																	■ Reconstruct Overhang & Re Steel, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1100	Widen Approach Slab / Reconstruct Backwall, I-395 Seg 3 - Ph 3 Bridge ov	20	02-Feb-18	09-Mar-18																																																	■ Widen Approach Slab / Reconstruct Backwall, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1080	Construct Parapet Wall, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce	20	12-Mar-18	19-Apr-18																																																	■ Construct Parapet Wall, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1050	Patch & Repair Deck, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St	15	20-Apr-18	14-May-18																																																	■ Patch & Repair Deck, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1040	Mill/Hydro-Demo Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & .	10	16-May-18	01-Jun-18																																																	■ Mill/Hydro-Demo Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1160	VDOT Inspection of Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL	10	18-May-18	04-Jun-18																																																	■ VDOT Inspection of Bridge Deck, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1090	Pour LMC-VE Concrete on Bridge Deck & Groove, I-395 Seg 3 - Ph 3 Bridg	15	06-Jun-18	03-Jul-18																																																	■ Pour LMC-VE Concrete on Bridge Deck & Groove, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1070	Reconstruct Pier Joint, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St	5	05-Jul-18	12-Jul-18																																																	■ Reconstruct Pier Joint, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1110	Replace Expansion Deck Joints, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL	8	05-Jul-18	18-Jul-18																																																	■ Replace Expansion Deck Joints, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1150	VDOT Acceptance of Bridge, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Ji	1	19-Jul-18	19-Jul-18																																																	VDOT Acceptance of Bridge, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
C133F1130	Finish Milestone, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St	0		19-Jul-18																																																	◆ Finish Milestone, I-395 Seg 3 - Ph 3 Bridge over R-27 NBL & Joyce St																																															
Phase 4					136					08-Nov-18					23-Jul-19																																																																																					
C134-1010	Install Temp. Conc Barrier Wall / MOT / E&S, I-395 Seg 3 - Ph 4	40	08-Nov-18	23-Jan-19																																																	■ Install Temp. Conc Barrier Wall / MOT / E&S, I-395 Seg 3 - Ph 4																																															
C134-1000	Start Milestone, I-395 Seg 3 - Ph 4	0	08-Nov-18																																																		◆ Start Milestone, I-395 Seg 3 - Ph 4																																															
C134-1020	Shift Traffic, I-395 Seg 3 - Ph 4	40	09-Nov-18	25-Jan-19																																																	■ Shift Traffic, I-395 Seg 3 - Ph 4																																															
C134-1030	Remove Exist Guardrail / Barrier Wall, I-395 Seg 3 - Ph 4	30	03-Dec-18	28-Jan-19																																																	■ Remove Exist Guardrail / Barrier Wall, I-395 Seg 3 - Ph 4																																															
C134-1040	Sawcut / Demo Exist Rdwy, I-395 Seg 3 - Ph 4	25	13-Dec-18	28-Jan-19																																																	■ Sawcut / Demo Exist Rdwy, I-395 Seg 3 - Ph 4																																															
C134-1050	Excavate Rdwy, I-395 Seg 3 - Ph 4	50	21-Dec-18	26-Mar-19																																																	■ Excavate Rdwy, I-395 Seg 3 - Ph 4																																															
C134-1090	Install / Direct Drill ITS / Elect Ductbank, I-395 Seg 3 - Ph 4	50	03-Jan-19	03-Apr-19																																																	■ Install / Direct Drill ITS / Elect Ductbank, I-395 Seg 3 - Ph 4																																															
C134-1060	Install drainage, Repair Exist pipes & Trench Drain, I-395 Seg 3 - Ph 4	50	03-Jan-19	03-Apr-19																																																	■ Install drainage, Repair Exist pipes & Trench Drain, I-395 Seg 3 - Ph 4																																															
C134-1080	Install ITS Foundations & Barrier Blisters & Associate Conduits, I-395 Seg	50	08-Jan-19	08-Apr-19																																																	■ Install ITS Foundations & Barrier Blisters & Associate Conduits, I-395 Seg 3 - Ph 4																																															
C134-1070	Construct Subbase, I-395 Seg 3 - Ph 4	50	25-Jan-19	26-Apr-19																																																	■ Construct Subbase, I-395 Seg 3 - Ph 4																																															
C134-1110	Install Barrier Footing & Slipform Wall, I-395 Seg 3 - Ph 4	60	13-Feb-19	06-Jun-19																																																	■ Install Barrier Footing & Slipform Wall, I-395 Seg 3 - Ph 4																																															
C134-1100	Install Underdrain, I-395 Seg 3 - Ph 4	60	13-Feb-19	06-Jun-19																																																	■ Install Underdrain, I-395 Seg 3 - Ph 4																																															
C134-1160	Install ITS Structures / Gates /Components, I-395 Seg 3 - Ph 4	50	15-Feb-19	20-May-19																																																	■ Install ITS Structures / Gates /Components, I-395 Seg 3 - Ph 4																																															
C134-1200	Construct Pier Protection / Substructure Repair, I-395 Seg 3 - Ph 4	5	05-Mar-19	12-Mar-19																																																	■ Construct Pier Protection / Substructure Repair, I-395 Seg 3 - Ph 4																																															
C134-1120	Flowfill Barrier Wall Footer, I-395 Seg 3 - Ph 4	25	29-Apr-19	14-Jun-19																																																	■ Flowfill Barrier Wall Footer, I-395 Seg 3 - Ph 4																																															

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020											
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
I-395 Bridge over Country Club Rd 116 08-Nov-18 17-Jun-19																																																				
C134D1150	Install Underdeck MOT, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd	5	08-Nov-18	15-Nov-18	■ Install Underdeck MOT, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ Install MOT / Temp. Conc Barrier Wall, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ◆ Start Milestone, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ Demo Deck Overhangs, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ Install Shoring & Repair Substructure, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ Reconstruct Overhang & Re Steel, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ Widen Approach Slab / Reconstruct Backwall, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ Construct Parapet Wall, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ Replace Bearing Pads, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ Install Deck Drain, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ Patch & Repair Deck, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ Mill/Hydro-Demo Bridge Deck, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ VDOT Inspection of Bridge Deck, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ Pour LMC-VE Concrete on Bridge Deck & Groove, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ Replace Expansion Deck Joints, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ Repair Exist Approach Slab, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ■ VDOT Acceptance of Bridge, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd ◆ Finish Milestone, I-395 Seg 3 - Ph 4 Bridge over Country Club Rd																																															
I-395 Bridge over R-27 136 08-Nov-18 23-Jul-19																																																				
C134E1010	Install MOT / Temp. Conc Barrier Wall, I-395 Seg 3 - Ph 4 Bridge over R-27	10	08-Nov-18	27-Nov-18	■ Install MOT / Temp. Conc Barrier Wall, I-395 Seg 3 - Ph 4 Bridge over R-27 ◆ Start Milestone, I-395 Seg 3 - Ph 4 Bridge over R-27 ■ Demo Deck Overhangs, I-395 Seg 3 - Ph 4 Bridge over R-27 ■ Repair Exist Approach Slab, I-395 Seg 3 - Ph 4 Bridge over R-27 ■ Reconstruct Overhang & Re Steel, I-395 Seg 3 - Ph 4 Bridge over R-27 ■ Widen Approach Slab / Reconstruct Backwall, I-395 Seg 3 - Ph 4 Bridge over R-27 ■ Construct Parapet Wall, I-395 Seg 3 - Ph 4 Bridge over R-27 ■ Repair Beam Seats & Replace Bearing Pads, I-395 Seg 3 - Ph 4 Bridge over R-27 ■ Patch & Repair Deck, I-395 Seg 3 - Ph 4 Bridge over R-27 ■ Mill/Hydro-Demo Bridge Deck, I-395 Seg 3 - Ph 4 Bridge over R-27 ■ VDOT Inspection of Bridge Deck, I-395 Seg 3 - Ph 4 Bridge over R-27 ■ Pour LMC-VE Concrete on Bridge Deck & Groove, I-395 Seg 3 - Ph 4 Bridge over R-27 ■ Replace Expansion Deck Joints, I-395 Seg 3 - Ph 4 Bridge over R-27 ■ Reconstruct Pier Joint, I-395 Seg 3 - Ph 4 Bridge over R-27 ■ VDOT Acceptance of Bridge, I-395 Seg 3 - Ph 4 Bridge over R-27 ◆ Finish Milestone, I-395 Seg 3 - Ph 4 Bridge over R-27																																															
I-395 & NBL over R-27 NBL & Joyce St 136 08-Nov-18 23-Jul-19																																																				
C134F1010	Install MOT / Temp. Conc Barrier Wall, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St	10	08-Nov-18	27-Nov-18	■ Install MOT / Temp. Conc Barrier Wall, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ◆ Start Milestone, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ■ Demo Deck Overhangs, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ■ Repair Exist Approach Slab, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ■ Reconstruct Overhang & Re Steel, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ■ Widen Approach Slab / Reconstruct Backwall, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ■ Construct Parapet Wall, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ■ Replace Bearing Pads, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ■ Patch & Repair Deck, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ■ Mill/Hydro-Demo Bridge Deck, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ■ VDOT Inspection of Bridge Deck, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ■ Pour LMC-VE Concrete on Bridge Deck & Groove, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ■ Replace Expansion Deck Joints, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ■ Reconstruct Pier Joint, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ■ VDOT Acceptance of Bridge, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St ◆ Finish Milestone, I-395 Seg 3 - Ph 4 Bridge over R-27 NBL & Joyce St																																															
Eads Street 259 01-Jul-17 26-Oct-18																																																				
C150-1000	Start Milestone, Eads Street	0	01-Jul-17	26-Oct-18	◆ Start Milestone, Eads Street ◆ Finish Milestone, Eads Street																																															
C150-1010	Finish Milestone, Eads Street	0	01-Jul-17	26-Oct-18																																																
North 253 01-Jul-17 17-Oct-18																																																				
C150N1000	Start Milestone, Eads Street North	0	01-Jul-17	17-Oct-18	◆ Start Milestone, Eads Street North																																															

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020														
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
C150N1010	Finish Milestone, Eads Street North	0		17-Oct-18																																																	◆	Finish Milestone, Eads Street North	
Phase 1					49	01-Jul-17	29-Sep-17																																																
C151N1000	Start Milestone, Eads Street North Ph 1	0	01-Jul-17																																																		◆	Start Milestone, Eads Street North Ph 1	
C151N1010	Install MOT / E&S, Eads Street North Ph 1	10	03-Jul-17	19-Jul-17																																																	■	Install MOT / E&S, Eads Street North Ph 1	
C151N1020	Clear & Grub & Erosion Control, Eads Street North Ph 1	10	21-Jul-17	10-Aug-17																																																	■	Clear & Grub & Erosion Control, Eads Street North Ph 1	
C151N1040	Exc & Embank, Eads Street North Ph 1	20	28-Jul-17	31-Aug-17																																																	■	Exc & Embank, Eads Street North Ph 1	
C151N1030	Install Drainage, Eads Street North Ph 1	20	08-Aug-17	08-Sep-17																																																	■	Install Drainage, Eads Street North Ph 1	
C151N1050	Construct Subbase, Eads Street North Ph 1	10	01-Sep-17	18-Sep-17																																																	■	Construct Subbase, Eads Street North Ph 1	
C151N1060	Install Elect & TC Ductbank, Eads Street North Ph 1	10	06-Sep-17	22-Sep-17																																																	■	Install Elect & TC Ductbank, Eads Street North Ph 1	
C151N1070	AC Paving, Eads Street North Ph 1	5	20-Sep-17	28-Sep-17																																																	■	AC Paving, Eads Street North Ph 1	
C151N1080	Striping, Eads Street North Ph 1	5	22-Sep-17	29-Sep-17																																																	■	Striping, Eads Street North Ph 1	
C151N1090	Finish Milestone, Eads Street North Ph 1	0		29-Sep-17																																																	◆	Finish Milestone, Eads Street North Ph 1	
Phase 2					97	30-Sep-17	30-Mar-18																																																
C152N1000	Start Milestone, Eads Street North Ph 2	0	30-Sep-17																																																		◆	Start Milestone, Eads Street North Ph 2	
C152N1010	Install MOT / E&S, Eads Street North Ph 2	10	02-Oct-17	18-Oct-17																																																	■	Install MOT / E&S, Eads Street North Ph 2	
C152N1020	Clear & Grub & Erosion Control, Eads Street North Ph 2	10	19-Oct-17	06-Nov-17																																																	■	Clear & Grub & Erosion Control, Eads Street North Ph 2	
C152N1030	Demo Exist Rdwy, Eads Street North Ph 2	10	23-Oct-17	09-Nov-17																																																	■	Demo Exist Rdwy, Eads Street North Ph 2	
C152N1050	Exc & Embank, Eads Street North Ph 2	20	27-Oct-17	05-Dec-17																																																	■	Exc & Embank, Eads Street North Ph 2	
C152N1040	Install Drainage, Eads Street North Ph 2	20	08-Nov-17	15-Dec-17																																																	■	Install Drainage, Eads Street North Ph 2	
C152N1060	Construct Subbase, Eads Street North Ph 2	10	08-Dec-17	26-Dec-17																																																	■	Construct Subbase, Eads Street North Ph 2	
C152N1080	Install Elect & TC DB, Eads Street North Ph 2	10	18-Dec-17	04-Jan-18																																																	■	Install Elect & TC DB, Eads Street North Ph 2	
C152N1070	Install U/D, Eads Street North Ph 2	5	22-Dec-17	02-Jan-18																																																	■	Install U/D, Eads Street North Ph 2	
C152N1090	Construct Curbs & Gutter (includes under I-395 SB Bridge), Eads Street N	15	03-Jan-18	26-Jan-18																																																	■	Construct Curbs & Gutter (includes under I-395 SB Bridge), Eads Street North Ph 2	
C152N1100	AC Paving, Eads Street North Ph 2	5	01-Mar-18	08-Mar-18																																																	■	AC Paving, Eads Street North Ph 2	
C152N1110	Striping, Eads Street North Ph 2	5	02-Mar-18	09-Mar-18																																																	■	Striping, Eads Street North Ph 2	
C152N1130	Install TCDs, Eads Street North Ph 2	15	05-Mar-18	30-Mar-18																																																	■	Install TCDs, Eads Street North Ph 2	
C152N1120	Install Lighting / Signs, Eads Street North Ph 2	15	05-Mar-18	30-Mar-18																																																	■	Install Lighting / Signs, Eads Street North Ph 2	
C152N1140	Finish Milestone, Eads Street North Ph 2	0		30-Mar-18																																																	◆	Finish Milestone, Eads Street North Ph 2	
Phase 3					77	31-Mar-18	24-Aug-18																																																
C153N1000	Start Milestone, Eads Street North Ph 3	0	31-Mar-18																																																		◆	Start Milestone, Eads Street North Ph 3	
C153N1010	Install MOT / E&S, Eads Street North Ph 3	10	02-Apr-18	20-Apr-18																																																	■	Install MOT / E&S, Eads Street North Ph 3	
C153N1020	Clear & Grub & Erosion Control, Eads Street North Ph 3	10	23-Apr-18	04-May-18																																																	■	Clear & Grub & Erosion Control, Eads Street North Ph 3	
C153N1030	Demo Exist Rdwy, Eads Street North Ph 3	10	25-Apr-18	09-May-18																																																	■	Demo Exist Rdwy, Eads Street North Ph 3	
C153N1050	Exc & Embank, Eads Street North Ph 3	20	30-Apr-18	04-Jun-18																																																	■	Exc & Embank, Eads Street North Ph 3	
C153N1040	Install Drainage, Eads Street North Ph 3	20	07-May-18	12-Jun-18																																																	■	Install Drainage, Eads Street North Ph 3	
C153N1060	Construct Subbase, Eads Street North Ph 3	10	06-Jun-18	22-Jun-18																																																	■	Construct Subbase, Eads Street North Ph 3	
C153N1080	Install Elect & TC DB, Eads Street North Ph 3	10	15-Jun-18	03-Jul-18																																																	■	Install Elect & TC DB, Eads Street North Ph 3	
C153N1070	Install U/D, Eads Street North Ph 3	5	25-Jun-18	03-Jul-18																																																	■	Install U/D, Eads Street North Ph 3	
C153N1090	Construct Flatwork / Sidewalk (includes under I-395 SB Bridge), Eads Stre	10	05-Jul-18	20-Jul-18																																																	■	Construct Flatwork / Sidewalk (includes under I-395 SB Bridge), Eads Street North Ph 3	
C153N1100	AC Paving, Eads Street North Ph 3	5	23-Jul-18	02-Aug-18																																																	■	AC Paving, Eads Street North Ph 3	
C153N1110	Striping, Eads Street North Ph 3	5	24-Jul-18	03-Aug-18																																																	■	Striping, Eads Street North Ph 3	
C153N1130	Install TCDs, Eads Street North Ph 3	10	27-Jul-18	14-Aug-18																																																	■	Install TCDs, Eads Street North Ph 3	
C153N1120	Install Lighting / Signs, Eads Street North Ph 3	15	27-Jul-18	24-Aug-18																																																	■	Install Lighting / Signs, Eads Street North Ph 3	
C153N1140	Finish Milestone, Eads Street North Ph 3	0		24-Aug-18																																																	◆	Finish Milestone, Eads Street North Ph 3	
Phase 4					30	25-Aug-18	17-Oct-18																																																
C154N1000	Start Milestone, Eads Street North Ph 4	0	25-Aug-18																																																		◆	Start Milestone, Eads Street North Ph 4	
C154N1010	Install MOT / E&S, Eads Street North Ph 4	10	27-Aug-18	10-Sep-18																																																	■	Install MOT / E&S, Eads Street North Ph 4	
C154N1060	Install Lighting / Signs, Eads Street North Ph 4	15	11-Sep-18	08-Oct-18																																																	■	Install Lighting / Signs, Eads Street North Ph 4	
C154N1030	Complete Signalization / ITS, Eads Street North Ph 4	20	11-Sep-18	17-Oct-18																																																	■	Complete Signalization / ITS, Eads Street North Ph 4	
C154N1020	Construct Median (includes under I-395 SB Bridge), Eads Street North Ph 4	10	11-Sep-18	28-Sep-18																																																	■	Construct Median (includes under I-395 SB Bridge), Eads Street North Ph 4	
C154N1040	Final AC Paving, Eads Street North Ph 4	5	01-Oct-18	08-Oct-18																																																	■	Final AC Paving, Eads Street North Ph 4	
C154N1050	Striping, Eads Street North Ph 4	5	10-Oct-18	17-Oct-18																																																	■	Striping, Eads Street North Ph 4	
C154N1070	Finish Milestone, Eads Street North Ph 4	0		17-Oct-18																																																	◆	Finish Milestone, Eads Street North Ph 4	
South					259	01-Jul-17	26-Oct-18																																																
C150S1000	Start Milestone, Eads Street South	0	01-Jul-17																																																		◆	Start Milestone, Eads Street South	
C150S1010	Finish Milestone, Eads Street South	0		26-Oct-18																																																	◆	Finish Milestone, Eads Street South	
Phase 1					48	01-Jul-17	28-Sep-17																																																
C151S1000	Start Milestone, Eads Street South Ph 1	0	01-Jul-17																																																		◆	Start Milestone, Eads Street South Ph 1	

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020											
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
SG5-1110	Develop Final Sound Barrier & Retaining Wall Memo - DEW	35	08-Jun-17	27-Jul-17	Develop Final Sound Barrier & Retaining Wall Memo - DEW																																															
Design Submittal - DEW Package					Design Submittal - DEW Package																																															
Final Design Submittal - DEW Package					Final Design Submittal - DEW Package																																															
SG5-1280	Assemble Final Design Submittal - DEW Package	10	28-Jul-17	10-Aug-17	Assemble Final Design Submittal - DEW Package																																															
SG5-1290	Perform QA/QC Review Final Design Submittal - DEW Package	15	11-Aug-17	31-Aug-17	Perform QA/QC Review Final Design Submittal - DEW Package																																															
SG5-1300	Constr. Review Final Design Submittal - DEW Package	10	18-Aug-17	31-Aug-17	Constr. Review Final Design Submittal - DEW Package																																															
SG5-1310	Submit Final Design Submittal - DEW Package	0		31-Aug-17	Submit Final Design Submittal - DEW Package																																															
SG5-1320	Transurban Review Final Design Submittal - DEW Package	28	01-Sep-17	28-Sep-17	Transurban Review Final Design Submittal - DEW Package																																															
SG5-1330	Address Review Comments Final Design Submittal - DEW Package	5	29-Sep-17	05-Oct-17	Address Review Comments Final Design Submittal - DEW Package																																															
SG5-1340	Produce and Submit RFC Final Design Submittal - DEW Package	10	06-Oct-17	19-Oct-17	Produce and Submit RFC Final Design Submittal - DEW Package																																															
Intermediate Design Submittal - DEW Package					Intermediate Design Submittal - DEW Package																																															
SG5-1220	Assemble Intermediate Design Submittal - DEW Package	10	03-May-17	16-May-17	Assemble Intermediate Design Submittal - DEW Package																																															
SG5-1230	Perform QA/QC Review Intermediate Design Submittal - DEW Package	15	17-May-17	07-Jun-17	Perform QA/QC Review Intermediate Design Submittal - DEW Package																																															
SG5-1240	Constr. Review Intermediate Design Submittal - DEW Package	10	24-May-17	07-Jun-17	Constr. Review Intermediate Design Submittal - DEW Package																																															
SG5-1250	Submit Intermediate Design Submittal - DEW Package	0		07-Jun-17	Submit Intermediate Design Submittal - DEW Package																																															
SG5-1260	Transurban Review Intermediate Design Submittal - DEW Package	28	08-Jun-17	05-Jul-17	Transurban Review Intermediate Design Submittal - DEW Package																																															
SG5-1270	Address Review Comments Intermediate Design Submittal - DEW Package	5	06-Jul-17	12-Jul-17	Address Review Comments Intermediate Design Submittal - DEW Package																																															
Utilities - DEW					Utilities - DEW																																															
SG5-1200	Develop Intermediate Utilities Design - DEW	50	22-Feb-17	02-May-17	Develop Intermediate Utilities Design - DEW																																															
SG5-1210	Develop Final Utilities Design - DEW	35	08-Jun-17	27-Jul-17	Develop Final Utilities Design - DEW																																															
Signing & Illumination - DEW					Signing & Illumination - DEW																																															
SG5-1180	Develop Intermediate Signing & Illumination Design - DEW	50	22-Feb-17	02-May-17	Develop Intermediate Signing & Illumination Design - DEW																																															
SG5-1190	Develop Final Signing & Illumination Design - DEW	35	08-Jun-17	27-Jul-17	Develop Final Signing & Illumination Design - DEW																																															
Procurement					Procurement																																															
ITS Components / Roadside Equipment					ITS Components / Roadside Equipment																																															
F200-1000	Prepare Shop Drawings for DEW ITS Components / Roadside Equipment	30	20-Oct-17	18-Nov-17	Prepare Shop Drawings for DEW ITS Components / Roadside Equipment																																															
F200-1010	Review Shop Drawings for DEW ITS Components / Roadside Equipment	28	19-Nov-17	16-Dec-17	Review Shop Drawings for DEW ITS Components / Roadside Equipment																																															
F200-1020	Fabricate DEW ITS Components / Roadside Equipment	90	17-Dec-17	16-Mar-18	Fabricate DEW ITS Components / Roadside Equipment																																															
Sign Structures					Sign Structures																																															
F200-1030	Prepare Shop Drawings for DEW Sign Structures	30	21-Sep-17	20-Oct-17	Prepare Shop Drawings for DEW Sign Structures																																															
F200-1040	Review Shop Drawings for DEW Sign Structures	28	21-Oct-17	17-Nov-17	Review Shop Drawings for DEW Sign Structures																																															
F200-1050	Fabricate DEW Sign Structures	140	18-Nov-17	06-Apr-18	Fabricate DEW Sign Structures																																															
Stainless Steel Rebar					Stainless Steel Rebar																																															
F200-1060	Prepare Shop Drawings for DEW Stainless Steel Rebar	30	20-Oct-17	18-Nov-17	Prepare Shop Drawings for DEW Stainless Steel Rebar																																															
F200-1070	Review Shop Drawings for DEW Stainless Steel Rebar	28	19-Nov-17	16-Dec-17	Review Shop Drawings for DEW Stainless Steel Rebar																																															
F200-1080	Fabricate DEW Stainless Steel Rebar	90	17-Dec-17	16-Mar-18	Fabricate DEW Stainless Steel Rebar																																															
Temp Barrier Wall					Temp Barrier Wall																																															
F200-1090	Prepare Shop Drawings for DEW Temp Barrier Wall	30	27-Apr-17	26-May-17	Prepare Shop Drawings for DEW Temp Barrier Wall																																															
F200-1100	Review Shop Drawings for DEW Temp Barrier Wall	28	27-May-17	23-Jun-17	Review Shop Drawings for DEW Temp Barrier Wall																																															
F200-1110	Fabricate DEW Temp Barrier Wall	90	01-Jul-17	28-Sep-17	Fabricate DEW Temp Barrier Wall																																															
Light Weight Steel					Light Weight Steel																																															
F200-1120	Prepare Shop Drawings for DEW Light Weight Steel	30	21-Sep-17	20-Oct-17	Prepare Shop Drawings for DEW Light Weight Steel																																															
F200-1130	Review Shop Drawings for DEW Light Weight Steel	28	21-Oct-17	17-Nov-17	Review Shop Drawings for DEW Light Weight Steel																																															
F200-1140	Fabricate DEW Light Weight Steel	90	18-Nov-17	15-Feb-18	Fabricate DEW Light Weight Steel																																															
Bearing Pads					Bearing Pads																																															
F200-1150	Prepare Shop Drawings for DEW Bearing Pads	30	20-Oct-17	18-Nov-17	Prepare Shop Drawings for DEW Bearing Pads																																															
F200-1160	Review Shop Drawings for DEW Bearing Pads	28	19-Nov-17	16-Dec-17	Review Shop Drawings for DEW Bearing Pads																																															
F200-1170	Fabricate DEW Bearing Pads	90	17-Dec-17	16-Mar-18	Fabricate DEW Bearing Pads																																															
Shoring					Shoring																																															
F200-1180	Prepare Shop Drawings for DEW Shoring	30	20-Oct-17	18-Nov-17	Prepare Shop Drawings for DEW Shoring																																															
F200-1190	Review Shop Drawings for DEW Shoring	28	19-Nov-17	16-Dec-17	Review Shop Drawings for DEW Shoring																																															
F200-1200	Fabricate DEW Shoring	60	17-Dec-17	14-Feb-18	Fabricate DEW Shoring																																															
Seminary Road Sound Barrier					Seminary Road Sound Barrier																																															
Ground Mounted					Ground Mounted																																															
F251-1000	Prepare Shop Drawings for DEW Seminary Rd Sound Barrier - Ground Mo	30	29-Jun-17	28-Jul-17	Prepare Shop Drawings for DEW Seminary Rd Sound Barrier - Ground Mounted																																															
F251-1010	Review Shop Drawings for DEW Seminary Rd Sound Barrier - Ground Mo	28	29-Jul-17	25-Aug-17	Review Shop Drawings for DEW Seminary Rd Sound Barrier - Ground Mounted																																															
F251-1020	Fabricate DEW Seminary Rd Sound Barrier - Ground Mounted	553	26-Aug-17	01-Mar-19	Fabricate DEW Seminary Rd Sound Barrier - Ground Mounted																																															
Wall Mounted					Wall Mounted																																															

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020											
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N
F251-1030	Prepare Shop Drawings for DEW Seminary Rd Sound Barrier - Wall Mounted	30	29-Jun-17	28-Jul-17	Prepare Shop Drawings for DEW Seminary Rd Sound Barrier - Wall Mounted																																															
F251-1040	Review Shop Drawings for DEW Seminary Rd Sound Barrier - Wall Mounted	28	29-Jul-17	25-Aug-17	Review Shop Drawings for DEW Seminary Rd Sound Barrier - Wall Mounted																																															
F251-1050	Fabricate DEW Seminary Rd Sound Barrier - Wall Mounted	553	26-Aug-17	01-Mar-18	Fabricate DEW Seminary Rd Sound Barrier - Wall Mounted																																															
DEW Sound Barrier																																																				
Ground Mounted																																																				
F252-1000	Prepare Shop Drawings for DEW Sound Barrier - Ground Mounted	30	31-Oct-17	29-Nov-17	Prepare Shop Drawings for DEW Sound Barrier - Ground Mounted																																															
F252-1010	Review Shop Drawings for DEW Sound Barrier - Ground Mounted	28	30-Nov-17	27-Dec-17	Review Shop Drawings for DEW Sound Barrier - Ground Mounted																																															
F252-1020	Fabricate DEW Sound Barrier - Ground Mounted	100	17-Jan-18	26-Apr-18	Fabricate DEW Sound Barrier - Ground Mounted																																															
Wall Mounted																																																				
F252-1060	Prepare Shop Drawings for DEW Sound Barrier - Wall Mounted	30	31-Oct-17	29-Nov-17	Prepare Shop Drawings for DEW Sound Barrier - Wall Mounted																																															
F252-1070	Review Shop Drawings for DEW Sound Barrier - Wall Mounted	28	30-Nov-17	27-Dec-17	Review Shop Drawings for DEW Sound Barrier - Wall Mounted																																															
F252-1080	Fabricate DEW Sound Barrier - Wall Mounted	100	17-Jan-18	26-Apr-18	Fabricate DEW Sound Barrier - Wall Mounted																																															
Construction																																																				
C200-1000	Start Construction Milestone, DEW	0	15-Jul-17		Start Construction Milestone, DEW																																															
C200-1050	Final Mill-and-Overlay, DEW	30	10-Sep-19	04-Nov-19	Final Mill-and-Overlay, DEW																																															
C200-1030	Landscape, DEW	15	10-Sep-19	04-Oct-19	Landscape, DEW																																															
C200-1020	Final Paving and Striping, DEW	30	10-Sep-19	04-Nov-19	Final Paving and Striping, DEW																																															
C200-1010	Finish Construction Milestone, DEW	0		04-Nov-19	Finish Construction Milestone, DEW																																															
I-395 GP Lanes																																																				
C210-1020	Start Milestone, DEW I-395 GP Lanes	0	15-Jul-17		Start Milestone, DEW I-395 GP Lanes																																															
C210-1030	Finish Milestone, DEW I-395 GP Lanes	0		24-Oct-19	Finish Milestone, DEW I-395 GP Lanes																																															
Phase 1																																																				
C211-1040	Start Milestone, DEW I-395 GP Lanes Ph 1	0	15-Jul-17		Start Milestone, DEW I-395 GP Lanes Ph 1																																															
C211-1050	Finish Milestone, DEW I-395 GP Lanes Ph 1	0		26-Apr-18	Finish Milestone, DEW I-395 GP Lanes Ph 1																																															
Area 1 - Ramp ED-A																																																				
C211A1000	Start Milestone, DEW Ph 1 Area 1	0	15-Jul-17		Start Milestone, DEW Ph 1 Area 1																																															
C211A1145	Utility Relocate, DEW Ph 1 Area 1	40	17-Jul-17	28-Sep-17	Utility Relocate, DEW Ph 1 Area 1																																															
C211A1010	Install MOT / E&S, DEW Ph 1 Area 1	20	30-Aug-17	03-Oct-17	Install MOT / E&S, DEW Ph 1 Area 1																																															
C211A1020	Clear and Grub, DEW Ph 1 Area 1	10	05-Oct-17	20-Oct-17	Clear and Grub, DEW Ph 1 Area 1																																															
C211A1030	Excavate / Embank, DEW Ph 1 Area 1	30	13-Oct-17	11-Dec-17	Excavate / Embank, DEW Ph 1 Area 1																																															
C211A1040	Install drainage, Repair Exist pipes, DEW Ph 1 Area 1	30	23-Oct-17	19-Dec-17	Install drainage, Repair Exist pipes, DEW Ph 1 Area 1																																															
C211A1060	Install ITS / Lighting Foundations, DEW Ph 1 Area 1	20	10-Nov-17	19-Dec-17	Install ITS / Lighting Foundations, DEW Ph 1 Area 1																																															
C211A1070	Construct Subbase, DEW Ph 1 Area 1	15	30-Nov-17	29-Dec-17	Construct Subbase, DEW Ph 1 Area 1																																															
C211A1080	Install Underdrain, DEW Ph 1 Area 1	15	12-Dec-17	08-Jan-18	Install Underdrain, DEW Ph 1 Area 1																																															
C211A1050	Install ITS / Elect Ductbank, DEW Ph 1 Area 1	15	12-Dec-17	08-Jan-18	Install ITS / Elect Ductbank, DEW Ph 1 Area 1																																															
C211A1090	Install Barrier Footing & Slipform Wall, DEW Ph 1 Area 1	5	02-Jan-18	08-Jan-18	Install Barrier Footing & Slipform Wall, DEW Ph 1 Area 1																																															
C211A1100	Asphalt Paving, DEW Ph 1 Area 1	10	01-Mar-18	19-Mar-18	Asphalt Paving, DEW Ph 1 Area 1																																															
C211A1110	Install Guardrail, DEW Ph 1 Area 1	10	09-Mar-18	27-Mar-18	Install Guardrail, DEW Ph 1 Area 1																																															
C211A1130	Striping, DEW Ph 1 Area 1	5	12-Mar-18	20-Mar-18	Striping, DEW Ph 1 Area 1																																															
C211A1120	Install ITS / Lights, DEW Ph 1 Area 1	10	09-Apr-18	26-Apr-18	Install ITS / Lights, DEW Ph 1 Area 1																																															
C211A1140	Finish Milestone, DEW Ph 1 Area 1	0		26-Apr-18	Finish Milestone, DEW Ph 1 Area 1																																															
Area 2 - Sta 46+50 to 119+50 & Ramp DK-B																																																				
C211B1000	Start Milestone, DEW Ph 1 Area 2	0	15-Jul-17		Start Milestone, DEW Ph 1 Area 2																																															
C211B1010	Install Temp. Conc Barrier Wall / MOT / E&S, DEW Ph 1 Area 2	7	17-Jul-17	31-Jul-17	Install Temp. Conc Barrier Wall / MOT / E&S, DEW Ph 1 Area 2																																															
C211B1020	Shift Traffic, DEW Ph 1 Area 2	5	01-Aug-17	10-Aug-17	Shift Traffic, DEW Ph 1 Area 2																																															
C211B1050	Clear and Grub, DEW Ph 1 Area 2	15	11-Aug-17	05-Sep-17	Clear and Grub, DEW Ph 1 Area 2																																															
C211B1040	Sawcut / Demo Exist Rdwy, DEW Ph 1 Area 2	10	11-Aug-17	28-Aug-17	Sawcut / Demo Exist Rdwy, DEW Ph 1 Area 2																																															
C211B1030	Remove Exist Retaining / Sound Barrier, DEW Ph 1 Area 2	20	11-Aug-17	12-Sep-17	Remove Exist Retaining / Sound Barrier, DEW Ph 1 Area 2																																															
C211B1060	Excavate / Embank, DEW Ph 1 Area 2	60	29-Aug-17	18-Dec-17	Excavate / Embank, DEW Ph 1 Area 2																																															
C211B1270	Construct Retaining Wall for Ramp DK-B (Approx. Sta 89+50 to 109+50), D	75	13-Sep-17	01-Feb-18	Construct Retaining Wall for Ramp DK-B (Approx. Sta 89+50 to 109+50), DEW Ph 1 Area 2																																															
C211B1280	Construct Retaining Wall for Ramp DK-B (Approx. Sta 75+30 to 85+60), DE	38	13-Sep-17	22-Nov-17	Construct Retaining Wall for Ramp DK-B (Approx. Sta 75+30 to 85+60), DEW Ph 1 Area 2																																															
C211B1260	Construct Retaining Wall Approx. Sta 46+80 to 61+90), DEW Ph 1 Area 2	65	13-Sep-17	15-Jan-18	Construct Retaining Wall Approx. Sta 46+80 to 61+90), DEW Ph 1 Area 2																																															
C211B1130	Install ITS / Lighting Foundations, DEW Ph 1 Area 2	35	20-Oct-17	27-Dec-17	Install ITS / Lighting Foundations, DEW Ph 1 Area 2																																															
C211B1110	Install drainage, Repair Exist pipes, DEW, DEW Ph 1 Area 2	35	20-Oct-17	27-Dec-17	Install drainage, Repair Exist pipes, DEW, DEW Ph 1 Area 2																																															
C211B1140	Construct Pier Protection Walls, DEW Ph 1 Area 2	15	29-Nov-17	27-Dec-17	Construct Pier Protection Walls, DEW Ph 1 Area 2																																															
C211B1150	Construct Subbase, DEW Ph 1 Area 2	25	29-Dec-17	09-Feb-18	Construct Subbase, DEW Ph 1 Area 2																																															
C211B1170	Install Barrier Footing & Slipform Wall, DEW Ph 1 Area 2	25	25-Jan-18	09-Mar-18	Install Barrier Footing & Slipform Wall, DEW Ph 1 Area 2																																															
C211B1160	Install Underdrain, DEW Ph 1 Area 2	25	25-Jan-18	09-Mar-18	Install Underdrain, DEW Ph 1 Area 2																																															

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020																																																											
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec																																															
C213B1070	Install Elect Ductbank, DEW Ph 3 Area 2	5	04-Sep-19	10-Sep-19																																																	█	Install Elect Ductbank, DEW Ph 3 Area 2																																														
C213B1110	Asphalt Paving, DEW Ph 3 Area 2	5	19-Sep-19	30-Sep-19																																																	█	Asphalt Paving, DEW Ph 3 Area 2																																														
C213B1140	Striping, DEW Ph 3 Area 2	3	01-Oct-19	03-Oct-19																																																	█	Striping, DEW Ph 3 Area 2																																														
C213B1130	Install Lights, DEW Ph 3 Area 2	5	01-Oct-19	07-Oct-19																																																	█	Install Lights, DEW Ph 3 Area 2																																														
C213B1120	Install Guardrail, DEW Ph 3 Area 2	5	01-Oct-19	07-Oct-19																																																	█	Install Guardrail, DEW Ph 3 Area 2																																														
C213B1150	Finish Milestone, DEW Ph 3 Area 2	0		07-Oct-19																																																	◆	Finish Milestone, DEW Ph 3 Area 2																																														
Area 3 - Ramp DK-E		66	27-Jun-19	24-Oct-19																																																	◆	Start Milestone, DEW Ph 3 Area 3																																														
C213C1000	Start Milestone, DEW Ph 3 Area 3	0	27-Jun-19																																																		◆	Start Milestone, DEW Ph 3 Area 3																																														
C213C1010	Install Temp. Conc Barrier Wall / MOT / E&S, DEW Ph 3 Area 3	3	28-Jun-19	02-Jul-19																																																	█	Install Temp. Conc Barrier Wall / MOT / E&S, DEW Ph 3 Area 3																																														
C213C1020	Shift Traffic, DEW Ph 3 Area 3	3	03-Jul-19	08-Jul-19																																																	█	Shift Traffic, DEW Ph 3 Area 3																																														
C213C1050	Demo Exist Ramp, DEW Ph 3 Area 3	5	10-Jul-19	16-Jul-19																																																	█	Demo Exist Ramp, DEW Ph 3 Area 3																																														
C213C1060	Excavate / Embank, DEW Ph 3 Area 3	10	18-Jul-19	05-Aug-19																																																	█	Excavate / Embank, DEW Ph 3 Area 3																																														
C213C1070	Install drainage, Repair Exist pipes, DEW Ph 3 Area 3	10	29-Jul-19	13-Aug-19																																																	█	Install drainage; Repair Exist pipes, DEW Ph 3 Area 3																																														
C213C1170	Construct SMM Basin D, DEW Ph 3 Area 3	40	14-Aug-19	24-Oct-19																																																	█	Construct SMM Basin D, DEW Ph 3 Area 3																																														
C213C1090	Construct Subbase, DEW Ph 3 Area 3	5	14-Aug-19	23-Aug-19																																																	█	Construct Subbase, DEW Ph 3 Area 3																																														
C213C1110	Install Underdrain, DEW Ph 3 Area 3	5	26-Aug-19	03-Sep-19																																																	█	Install Underdrain, DEW Ph 3 Area 3																																														
C213C1100	Install Barrier Footing & Slipform Wall, DEW Ph 3 Area 3	5	26-Aug-19	03-Sep-19																																																	█	Install Barrier Footing & Slipform Wall, DEW Ph 3 Area 3																																														
C213C1080	Install Elect Ductbank, DEW Ph 3 Area 3	5	26-Aug-19	03-Sep-19																																																	█	Install Elect Ductbank, DEW Ph 3 Area 3																																														
C213C1120	Asphalt Paving, DEW Ph 3 Area 3	5	04-Sep-19	10-Sep-19																																																	█	Asphalt Paving, DEW Ph 3 Area 3																																														
C213C1040	Concrete Patch & THMACO, DEW Ph 3 Area 3	5	04-Sep-19	10-Sep-19																																																	█	Concrete Patch & THMACO, DEW Ph 3 Area 3																																														
C213C1150	Striping, DEW Ph 3 Area 3	3	11-Sep-19	16-Sep-19																																																	█	Striping, DEW Ph 3 Area 3																																														
C213C1140	Install Guardrail, DEW Ph 3 Area 3	5	11-Sep-19	18-Sep-19																																																	█	Install Guardrail, DEW Ph 3 Area 3																																														
C213C1130	Install Lights, DEW Ph 3 Area 3	5	11-Sep-19	18-Sep-19																																																	█	Install Lights, DEW Ph 3 Area 3																																														
C213C1160	Finish Milestone, DEW Ph 3 Area 3	0		24-Oct-19																																																	◆	Finish Milestone, DEW Ph 3 Area 3																																														
Area 4 - Ramp DK-J		45	27-Jun-19	17-Sep-19																																																	◆	Start Milestone, DEW Ph 3 Area 4																																														
C213D1000	Start Milestone, DEW Ph 3 Area 4	0	27-Jun-19																																																		◆	Start Milestone, DEW Ph 3 Area 4																																														
C213D1010	Install Temp. Conc Barrier Wall / MOT / E&S, DEW Ph 3 Area 4	3	28-Jun-19	02-Jul-19																																																	█	Install Temp. Conc Barrier Wall / MOT / E&S, DEW Ph 3 Area 4																																														
C213D1020	Shift Traffic, DEW Ph 3 Area 4	2	03-Jul-19	05-Jul-19																																																	█	Shift Traffic, DEW Ph 3 Area 4																																														
C213D1040	Excavate / Embank, DEW Ph 3 Area 4	10	08-Jul-19	23-Jul-19																																																	█	Excavate / Embank, DEW Ph 3 Area 4																																														
C213D1050	Install drainage, Repair Exist pipes, DEW Ph 3 Area 4	10	26-Jul-19	12-Aug-19																																																	█	Install drainage; Repair Exist pipes, DEW Ph 3 Area 4																																														
C213D1070	Construct Subbase, DEW Ph 3 Area 4	5	13-Aug-19	21-Aug-19																																																	█	Construct Subbase, DEW Ph 3 Area 4																																														
C213D1080	Install Underdrain, DEW Ph 3 Area 4	5	23-Aug-19	30-Aug-19																																																	█	Install Underdrain, DEW Ph 3 Area 4																																														
C213D1060	Install Elect Ductbank, DEW Ph 3 Area 4	5	23-Aug-19	30-Aug-19																																																	█	Install Elect Ductbank, DEW Ph 3 Area 4																																														
C213D1090	Asphalt Paving, DEW Ph 3 Area 4	5	03-Sep-19	09-Sep-19																																																	█	Asphalt Paving, DEW Ph 3 Area 4																																														
C213D1110	Striping, DEW Ph 3 Area 4	2	10-Sep-19	11-Sep-19																																																	█	Striping, DEW Ph 3 Area 4																																														
C213D1100	Install Lights, DEW Ph 3 Area 4	5	10-Sep-19	17-Sep-19																																																	█	Install Lights, DEW Ph 3 Area 4																																														
C213D1120	Finish Milestone, DEW Ph 3 Area 4	0		17-Sep-19																																																	◆	Finish Milestone, DEW Ph 3 Area 4																																														
DEW Bridge Repair		291	15-Nov-17	14-May-19																																																	◆	Start Milestone, DEW Sanger Ave Bridge Stg 1																																														
I-395 over Sanger Ave Bridge		132	13-Dec-17	16-Aug-18																																																	◆	Start Milestone, DEW Sanger Ave Bridge Stg 1																																														
Stage 1		122	13-Dec-17	27-Jul-18																																																	◆	Start Milestone, DEW Sanger Ave Bridge Stg 1																																														
C212C1000	Start Milestone, DEW Sanger Ave Bridge Stg 1	0	13-Dec-17																																																		◆	Start Milestone, DEW Sanger Ave Bridge Stg 1																																														
C212C1170	Install Underdeck MOT, DEW Sanger Ave Bridge Stg 1	10	14-Dec-17	02-Jan-18																																																	█	Install Underdeck MOT, DEW Sanger Ave Bridge Stg 1																																														
C212C1010	Install MOT, DEW Sanger Ave Bridge Stg 1	10	14-Dec-17	02-Jan-18																																																	█	Install MOT, DEW Sanger Ave Bridge Stg 1																																														
C212C1140	Replace Expansion Deck Joints, DEW Sanger Ave Bridge Stg 1 (Winter Po	5	03-Jan-18	10-Jan-18																																																	█	Replace Expansion Deck Joints, DEW Sanger Ave Bridge Stg 1 (Winter Pour)																																														
C212C1040	Demo Deck Overhangs & Parapet, DEW Sanger Ave Bridge Stg 1	10	11-Jan-18	26-Jan-18																																																	█	Demo Deck Overhangs & Parapet, DEW Sanger Ave Bridge Stg 1																																														
C212C1020	Install Shoring & Repair Substructure, DEW Sanger Ave Bridge Stg 1	5	15-Feb-18	23-Feb-18																																																	█	Install Shoring & Repair Substructure, DEW Sanger Ave Bridge Stg 1																																														
C212C1030	Repair Beams, DEW Sanger Ave Bridge Stg 1	5	26-Feb-18	05-Mar-18																																																	█	Repair Beams, DEW Sanger Ave Bridge Stg 1																																														
C212C1060	Reconstruct Overhang & Re Steel, DEW Sanger Ave Bridge Stg 1	15	22-May-18	18-Jun-18																																																	█	Reconstruct Overhang & Re Steel, DEW Sanger Ave Bridge Stg 1																																														
C212C1070	Construct Parapet, DEW Sanger Ave Bridge Stg 1	5	19-Jun-18	27-Jun-18																																																	█	Construct Parapet, DEW Sanger Ave Bridge Stg 1																																														
C212C1150	Mill/Hydro-Demo Bridge Deck, DEW Sanger Ave Bridge Stg 1	5	29-Jun-18	06-Jul-18																																																	█	Mill/Hydro-Demo Bridge Deck, DEW Sanger Ave Bridge Stg 1																																														
C212C1180	VDOT Inspection of Bridge Deck, DEW Sanger Ave Bridge Stg 1	5	02-Jul-18	09-Jul-18																																																	█	VDOT Inspection of Bridge Deck, DEW Sanger Ave Bridge Stg 1																																														
C212C1050	Patch & Repair Deck, DEW Sanger Ave Bridge Stg 1	5	11-Jul-18	18-Jul-18																																																	█	Patch & Repair Deck, DEW Sanger Ave Bridge Stg 1																																														
C212C1160	Pour LMC-VE Concrete on Bridge Deck & Groove, DEW Sanger Ave Bridg	5	19-Jul-18	27-Jul-18																																																	█	Pour LMC-VE Concrete on Bridge Deck & Groove, DEW Sanger Ave Bridge Stg 1																																														
C212C1080	Finish Milestone, DEW Sanger Ave Bridge Stg 1	0		27-Jul-18																																																	◆	Finish Milestone, DEW Sanger Ave Bridge Stg 1																																														
Stage 2		107	27-Jan-18	16-Aug-18																																																	◆	Start Milestone, DEW Sanger Ave Bridge Stg 2																																														
C212C1090	Start Milestone, DEW Sanger Ave Bridge Stg 2	0	27-Jan-18																																																		◆	Start Milestone, DEW Sanger Ave Bridge Stg 2																																														
C212C1100	Install Sound Barrier Bracket, DEW Sanger Ave Bridge Stg 2	50	16-Feb-18	21-May-18																																																	█	Install Sound Barrier Bracket, DEW Sanger Ave Bridge Stg 2																																														
C212C1110	Erect Sound Barrier (NB-3) Posts, DEW Sanger Ave Bridge Stg 2	10	29-Jun-18	16-Jul-18																																																	█	Erect Sound Barrier (NB-3) Posts, DEW Sanger Ave Bridge Stg 2																																														

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020														
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec														
C212C1120	Erect Sound Barrier (NB-3) Panels, DEW Sanger Ave Bridge Stg 2	10	30-Jul-18	16-Aug-18																																																			
C212C1130	Finish Milestone, DEW Sanger Ave Bridge Stg 2	0		16-Aug-18																																																			
I-395 over West Braddock Rd					277	13-Dec-17	14-May-19																																																
C212D1000	Start Milestone, DEW Bridge over West Braddock Rd	0	13-Dec-17																																																				
C212D1160	Install Underdeck MOT, DEW Bridge over West Braddock Rd	5	14-Dec-17	20-Dec-17																																																			
C212D1010	Install MOT, DEW Bridge over West Braddock Rd	10	14-Dec-17	02-Jan-18																																																			
C212D1030	Install Shoring & Repair Substructure, DEW Bridge over West Braddock Rd	5	22-Dec-17	02-Jan-18																																																			
C212D1050	Replace Expansion Deck Joints, DEW Bridge over West Braddock Rd (Wi	5	03-Jan-18	10-Jan-18																																																			
C212D1080	Reconstruct Pier Joint, DEW Bridge over West Braddock Rd (Winter Pour)	5	03-Jan-18	10-Jan-18																																																			
C212D1100	Demo Deck Overhangs, DEW Bridge over West Braddock Rd - SBL	10	11-Jan-18	26-Jan-18																																																			
C212D1170	Install Sound Barrier Bracket, DEW Bridge over West Braddock Rd - SBL	50	16-Feb-18	21-May-18																																																			
C212D1140	Replace Bearing Pads, DEW Bridge over West Braddock Rd	5	19-Mar-18	26-Mar-18																																																			
C212D1110	Reconstruct Overhang & Re Steel, DEW Bridge over West Braddock Rd -	10	22-May-18	07-Jun-18																																																			
C212D1120	Construct Parapet Wall, DEW Bridge over West Braddock Rd - SBL	10	08-Jun-18	27-Jun-18																																																			
C212D1180	Erect Sound Barrier Posts, DEW Bridge over West Braddock Rd - SBL	10	29-Jun-18	16-Jul-18																																																			
C212D1060	Mill/Hydro-Demo Bridge Deck, DEW Bridge over West Braddock Rd	5	29-Jun-18	06-Jul-18																																																			
C212D1290	VDOT Inspection of Bridge Deck, DEW Bridge over West Braddock Rd	5	02-Jul-18	09-Jul-18																																																			
C212D1070	Patch & Repair Deck, DEW Bridge over West Braddock Rd	5	09-Jul-18	16-Jul-18																																																			
C212D1190	Erect Sound Barrier Panels, DEW Bridge over West Braddock Rd - SBL	10	18-Jul-18	06-Aug-18																																																			
C212D1090	Pour LMC-VE Concrete on Bridge Deck & Groove, DEW Bridge over West	5	18-Jul-18	24-Jul-18																																																			
C212D1150	Finish Milestone, DEW Bridge over West Braddock Rd	0		06-Aug-18																																																			
NBL Sound Barrier					145	17-Aug-18	14-May-19																																																
C212D1210	Install MOT, DEW Bridge over West Braddock Rd - NBL	10	17-Aug-18	04-Sep-18																																																			
C212D1200	Start Milestone, DEW Bridge over West Braddock Rd - NBL	0	17-Aug-18																																																				
C212D1220	Demo Deck Overhangs, DEW Bridge over West Braddock Rd - NBL	10	05-Sep-18	20-Sep-18																																																			
C212D1230	Install Sound Barrier Bracket, DEW Bridge over West Braddock Rd - NBL	50	21-Sep-18	24-Dec-18																																																			
C212D1240	Reconstruct Overhang & Re Steel, DEW Bridge over West Braddock Rd -	10	04-Mar-19	21-Mar-19																																																			
C212D1250	Construct Parapet Wall, DEW Bridge over West Braddock Rd - NBL	10	22-Mar-19	05-Apr-19																																																			
C212D1260	Erect Sound Barrier Posts, DEW Bridge over West Braddock Rd - NBL	10	08-Apr-19	25-Apr-19																																																			
C212D1270	Erect Sound Barrier Panels, DEW Bridge over West Braddock Rd - NBL	10	26-Apr-19	14-May-19																																																			
C212D1280	Finish Milestone, DEW Bridge over West Braddock Rd - NBL	0		14-May-19																																																			
I-395 over Rte 27 NBL and Joyce St					92	15-Nov-17	03-May-18																																																
C212E1160	Install Underdeck MOT, DEW Bridge over R-27 NBL & Joyce St	5	15-Nov-17	22-Nov-17																																																			
C212E1010	Install MOT, DEW Bridge over R-27 NBL & Joyce St	5	15-Nov-17	22-Nov-17																																																			
C212E1000	Start Milestone, DEW Bridge over R-27 NBL & Joyce St	0	15-Nov-17																																																				
C212E1030	Install Underdeck Conduits & Backwall Repair, DEW Bridge over R-27 NBL	5	27-Nov-17	04-Dec-17																																																			
C212E1140	Install Shoring & Repair Substructure, DEW Bridge over R-27 NBL & Joyce	5	15-Feb-18	23-Feb-18																																																			
C212E1040	Replace Expansion Deck Joints, DEW Bridge over R-27 NBL & Joyce St	5	01-Mar-18	08-Mar-18																																																			
C212E1070	Reconstruct Pier Joint, DEW Bridge over R-27 NBL & Joyce St	5	01-Mar-18	08-Mar-18																																																			
C212E1090	Demo Deck Overhangs, DEW Bridge over R-27 NBL & Joyce St	5	09-Mar-18	19-Mar-18																																																			
C212E1150	Replace Bearing Pads, DEW Bridge over R-27 NBL & Joyce St	5	19-Mar-18	26-Mar-18																																																			
C212E1100	Reconstruct Overhang & Re Steel, DEW Bridge over R-27 NBL & Joyce St	5	20-Mar-18	27-Mar-18																																																			
C212E1110	Construct Parapet Wall, DEW Bridge over R-27 NBL & Joyce St	5	29-Mar-18	05-Apr-18																																																			
C212E1050	Mill/Hydro-Demo Bridge Deck, DEW Bridge over R-27 NBL & Joyce St	5	06-Apr-18	18-Apr-18																																																			
C212E1170	VDOT Inspection of Bridge Deck, DEW Bridge over R-27 NBL & Joyce St	5	09-Apr-18	19-Apr-18																																																			
C212E1060	Patch & Repair Deck, DEW Bridge over R-27 NBL & Joyce St	5	20-Apr-18	26-Apr-18																																																			
C212E1080	Pour LMC-VE Concrete on Bridge Deck & Groove, DEW Bridge over R-27	5	27-Apr-18	03-May-18																																																			
C212E1130	Finish Milestone, DEW Bridge over R-27 NBL & Joyce St	0		03-May-18																																																			
Edsall Rd					155	20-Oct-17	09-Aug-18																																																
C220-1000	Start Milestone, DEW Edsall Rd	0	20-Oct-17																																																				
C220-1010	Finish Milestone, DEW Edsall Rd	0		09-Aug-18																																																			
Phase 1					82	20-Oct-17	23-Mar-18																																																
C221-1010	Install MOT, DEW Edsall Rd Ph 1	5	20-Oct-17	27-Oct-17																																																			
C221-1000	Start Milestone, DEW Edsall Rd Ph 1	0	20-Oct-17																																																				
C221-1020	Demo Exist Rdwy (Partial), DEW Edsall Rd Ph 1	10	25-Oct-17	13-Nov-17																																																			
C221-1030	Construct Temp Median, DEW Edsall Rd Ph 1	10	06-Nov-17	22-Nov-17																																																			
C221-1040	Install Temp. Conc Barrier Wall, DEW Edsall Rd Ph 1	10	15-Nov-17	04-Dec-17																																																			
C221-1050	Shift Traffic, DEW Edsall Rd Ph 1	5	05-Dec-17	14-Dec-17																																																			

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020												
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	N	Dec
C221-1060	Finish Milestone, DEW Edsall Rd Ph 1	0		23-Mar-18	◆ Finish Milestone, DEW Edsall Rd Ph 1																																																
EB					<div style="display: flex; justify-content: space-between;"> 53 22-Nov-17 01-Mar-18 Asphalt Paving, DEW Edsall Rd Ph 1 EB </div> <div style="display: flex; justify-content: space-between;"> 5 22-Nov-17 01-Mar-18 Install Guardrail, DEW Edsall Rd Ph 1 EB </div> <div style="display: flex; justify-content: space-between;"> 5 29-Nov-17 08-Dec-17 Install Lights / ITS / Signal, DEW Edsall Rd Ph 1 EB </div> <div style="display: flex; justify-content: space-between;"> 10 29-Nov-17 18-Dec-17 Clear and Grub, DEW Edsall Rd Ph 1 EB </div> <div style="display: flex; justify-content: space-between;"> 5 15-Dec-17 22-Dec-17 Excavate / Embank, DEW Edsall Rd Ph 1 EB </div> <div style="display: flex; justify-content: space-between;"> 10 26-Dec-17 11-Jan-18 Install drainage, Repair Exist pipes, DEW Edsall Rd Ph 1 EB </div> <div style="display: flex; justify-content: space-between;"> 10 04-Jan-18 19-Jan-18 Construct Subbase, DEW Edsall Rd Ph 1 EB </div> <div style="display: flex; justify-content: space-between;"> 10 12-Jan-18 29-Jan-18 Install Curb & Gutters / Barrier Wal, DEW Edsall Rd Ph 1 EB </div> <div style="display: flex; justify-content: space-between;"> 10 22-Jan-18 06-Feb-18 Install Elect / ITS Ductbank, DEW Edsall Rd Ph 1 EB </div> <div style="display: flex; justify-content: space-between;"> 10 22-Jan-18 06-Feb-18 Install Underdrain, DEW Edsall Rd Ph 1 EB </div> <div style="display: flex; justify-content: space-between;"> 5 31-Jan-18 06-Feb-18 Striping, DEW Edsall Rd Ph 1 EB </div>																																																
WB					<div style="display: flex; justify-content: space-between;"> 54 15-Dec-17 23-Mar-18 Clear and Grub, DEW Edsall Rd Ph 1 WB </div> <div style="display: flex; justify-content: space-between;"> 5 15-Dec-17 22-Dec-17 Excavate / Embank, DEW Edsall Rd Ph 1 WB </div> <div style="display: flex; justify-content: space-between;"> 10 26-Dec-17 11-Jan-18 Install drainage, Repair Exist pipes, DEW Edsall Rd Ph 1 WB </div> <div style="display: flex; justify-content: space-between;"> 10 04-Jan-18 19-Jan-18 Construct Subbase, DEW Edsall Rd Ph 1 WB </div> <div style="display: flex; justify-content: space-between;"> 10 12-Jan-18 29-Jan-18 Install Curb & Gutters / Barrier Wal, DEW Edsall Rd Ph 1 WB </div> <div style="display: flex; justify-content: space-between;"> 10 22-Jan-18 06-Feb-18 Install Elect / ITS Ductbank, DEW Edsall Rd Ph 1 WB </div> <div style="display: flex; justify-content: space-between;"> 10 22-Jan-18 06-Feb-18 Install Underdrain, DEW Edsall Rd Ph 1 WB </div> <div style="display: flex; justify-content: space-between;"> 5 31-Jan-18 06-Feb-18 Asphalt Paving, DEW Edsall Rd Ph 1 WB </div> <div style="display: flex; justify-content: space-between;"> 5 01-Mar-18 08-Mar-18 Striping, DEW Edsall Rd Ph 1 WB </div> <div style="display: flex; justify-content: space-between;"> 5 02-Mar-18 09-Mar-18 Install Guardrail, DEW Edsall Rd Ph 1 WB </div> <div style="display: flex; justify-content: space-between;"> 5 06-Mar-18 14-Mar-18 Install Lights / ITS / Signal, DEW Edsall Rd Ph 1 WB </div>																																																
Phase 2					<div style="display: flex; justify-content: space-between;"> 155 20-Oct-17 09-Aug-18 Start Milestone, DEW Edsall Rd Ph 2 </div> <div style="display: flex; justify-content: space-between;"> 0 24-Mar-18 Install Temp. Conc Barrier Wall, DEW Edsall Rd Ph 2 </div> <div style="display: flex; justify-content: space-between;"> 5 26-Mar-18 02-Apr-18 Shift Traffic, DEW Edsall Rd Ph 2 </div> <div style="display: flex; justify-content: space-between;"> 5 03-Apr-18 13-Apr-18 Finish Milestone, DEW Edsall Rd Ph 2 </div>																																																
WB					<div style="display: flex; justify-content: space-between;"> 44 16-Apr-18 03-Jul-18 Clear and Grub, DEW Edsall Rd Ph 2 WB </div> <div style="display: flex; justify-content: space-between;"> 5 16-Apr-18 23-Apr-18 Excavate / Embank, DEW Edsall Rd Ph 2 WB </div> <div style="display: flex; justify-content: space-between;"> 10 20-Apr-18 03-May-18 Install drainage, Repair Exist pipes, DEW Edsall Rd Ph 2 WB </div> <div style="display: flex; justify-content: space-between;"> 10 27-Apr-18 14-May-18 Construct Subbase, DEW Edsall Rd Ph 2 WB </div> <div style="display: flex; justify-content: space-between;"> 10 04-May-18 24-May-18 Install Curb & Gutters / Barrier Wal, DEW Edsall Rd Ph 2 WB </div> <div style="display: flex; justify-content: space-between;"> 10 16-May-18 01-Jun-18 Install Underdrain, DEW Edsall Rd Ph 2 WB </div> <div style="display: flex; justify-content: space-between;"> 10 16-May-18 01-Jun-18 Install Elect / ITS Ductbank, DEW Edsall Rd Ph 2 WB </div> <div style="display: flex; justify-content: space-between;"> 10 16-May-18 01-Jun-18 Asphalt Paving, DEW Edsall Rd Ph 2 WB </div> <div style="display: flex; justify-content: space-between;"> 10 22-May-18 07-Jun-18 Install Guardrail, DEW Edsall Rd Ph 2 WB </div> <div style="display: flex; justify-content: space-between;"> 10 28-May-18 12-Jun-18 Install Lights / ITS / Signal, DEW Edsall Rd Ph 2 WB </div> <div style="display: flex; justify-content: space-between;"> 20 28-May-18 03-Jul-18 Striping, DEW Edsall Rd Ph 2 WB </div>																																																
Median					<div style="display: flex; justify-content: space-between;"> 155 20-Oct-17 09-Aug-18 Clear and Grub, DEW Edsall Rd Ph 2 Median </div> <div style="display: flex; justify-content: space-between;"> 5 16-Apr-18 23-Apr-18 Excavate / Embank, DEW Edsall Rd Ph 2 Median </div> <div style="display: flex; justify-content: space-between;"> 10 24-Apr-18 07-May-18 Construct Subbase, DEW Edsall Rd Ph 2 Median </div> <div style="display: flex; justify-content: space-between;"> 5 09-May-18 18-May-18 Install Median, DEW Edsall Rd Ph 2 Median </div> <div style="display: flex; justify-content: space-between;"> 20 21-May-18 25-Jun-18 Install Underdrain, DEW Edsall Rd Ph 2 Median </div> <div style="display: flex; justify-content: space-between;"> 5 21-May-18 28-May-18 Install Elect / ITS Ductbank, DEW Edsall Rd Ph 2 Median </div> <div style="display: flex; justify-content: space-between;"> 5 21-May-18 28-May-18 Asphalt Paving, DEW Edsall Rd Ph 2 Median </div> <div style="display: flex; justify-content: space-between;"> 5 27-Jun-18 05-Jul-18 Striping, DEW Edsall Rd Ph 2 Median </div> <div style="display: flex; justify-content: space-between;"> 5 29-Jun-18 06-Jul-18 Install Lights / ITS / Signal, DEW Edsall Rd Ph 2 Median </div>																																																
Bridge B-620					<div style="display: flex; justify-content: space-between;"> 122 20-Oct-17 06-Jun-18 Install Underdeck MOT, DEW Edsall Rd Ph 1 B-620 </div> <div style="display: flex; justify-content: space-between;"> 10 20-Oct-17 08-Nov-17 Install New Diaphragms, DEW Edsall Rd Ph 1 B-620 </div> <div style="display: flex; justify-content: space-between;"> 40 09-Nov-17 23-Jan-18 Demo Exist Bridge Median, DEW Edsall Rd Ph 2 B-620 </div> <div style="display: flex; justify-content: space-between;"> 15 16-Apr-18 07-May-18 Reconstruct Deck Joint, DEW Edsall Rd Ph 2 B-620 </div> <div style="display: flex; justify-content: space-between;"> 15 24-Apr-18 18-May-18 Reconstruct Bridge Median, DEW Edsall Rd Ph 2 B-620 </div>																																																

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



Activity ID	Activity Name	Original Duration	Start	Finish	2017												2018												2019												2020											
					Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Duke St					<div style="display: flex; justify-content: space-between;"> ◆ Start Milestone, DEW Duke St ◆ Finish Milestone, DEW Duke St </div>																																															
C230-1190	Start Milestone, DEW Duke St	0	10-Aug-18	17-Jun-19																																																
C230-1180	Finish Milestone, DEW Duke St	0	10-Aug-18	17-Jun-19																																																
Phase 1					<div style="display: flex; justify-content: space-between;"> ■ Install MOT, DEW Duke St Ph 1 ◆ Start Milestone, DEW Duke St Ph 1 ■ Demo Exist Rdwy (Partial), DEW Duke St Ph 1 ■ Construct Temp Median / Shoulder, DEW Duke St Ph 1 ■ Install Temp. Conc Barrier Wall, DEW Duke St Ph 1 ■ Shift Traffic, DEW Duke St Ph 1 ■ Clear and Grub, DEW Duke St Ph 1 ■ Excavate / Embank, DEW Duke St Ph 1 ■ Install drainage, Repair Exist pipes, DEW Duke St Ph 1 ■ Construct Subbase, DEW Duke St Ph 1 ■ Install Curb & Gutters / Barrier Wall, DEW Duke St Ph 1 ■ Install Underdrain, DEW Duke St Ph 1 ■ Install Elect / ITS Ductbank, DEW Duke St Ph 1 ■ Asphalt Paving, DEW Duke St Ph 1 ■ Install Guardrail, DEW Duke St Ph 1 ■ Install Lights / ITS / Signal, DEW Duke St Ph 1 ■ Striping, DEW Duke St Ph 1 ◆ Finish Milestone, DEW Duke St Ph 1 </div>																																															
C231-1010	Install MOT, DEW Duke St Ph 1	5	10-Aug-18	05-Mar-19																																																
C231-1000	Start Milestone, DEW Duke St Ph 1	0	10-Aug-18	17-Aug-18																																																
C231-1020	Demo Exist Rdwy (Partial), DEW Duke St Ph 1	10	22-Aug-18	05-Sep-18																																																
C231-1030	Construct Temp Median / Shoulder, DEW Duke St Ph 1	10	29-Aug-18	13-Sep-18																																																
C231-1040	Install Temp. Conc Barrier Wall, DEW Duke St Ph 1	10	06-Sep-18	21-Sep-18																																																
C231-1050	Shift Traffic, DEW Duke St Ph 1	5	24-Sep-18	02-Oct-18																																																
C231-1060	Clear and Grub, DEW Duke St Ph 1	5	04-Oct-18	11-Oct-18																																																
C231-1070	Excavate / Embank, DEW Duke St Ph 1	10	10-Oct-18	25-Oct-18																																																
C231-1080	Install drainage, Repair Exist pipes, DEW Duke St Ph 1	10	18-Oct-18	02-Nov-18																																																
C231-1100	Construct Subbase, DEW Duke St Ph 1	10	26-Oct-18	12-Nov-18																																																
C231-1120	Install Curb & Gutters / Barrier Wall, DEW Duke St Ph 1	10	05-Nov-18	21-Nov-18																																																
C231-1110	Install Underdrain, DEW Duke St Ph 1	10	05-Nov-18	21-Nov-18																																																
C231-1090	Install Elect / ITS Ductbank, DEW Duke St Ph 1	10	05-Nov-18	21-Nov-18																																																
C231-1130	Asphalt Paving, DEW Duke St Ph 1	10	13-Nov-18	04-Mar-19																																																
C231-1150	Install Guardrail, DEW Duke St Ph 1	10	26-Nov-18	13-Dec-18																																																
C231-1140	Install Lights / ITS / Signal, DEW Duke St Ph 1	30	26-Nov-18	21-Jan-19																																																
C231-1160	Striping, DEW Duke St Ph 1	5	22-Feb-19	05-Mar-19																																																
C231-1170	Finish Milestone, DEW Duke St Ph 1	0	05-Mar-19	05-Mar-19																																																
Phase 2					<div style="display: flex; justify-content: space-between;"> ■ Install Temp. Conc Barrier Wall, DEW Duke St Ph 2 ◆ Start Milestone, DEW Duke St Ph 2 ■ Shift Traffic, DEW Duke St Ph 2 ◆ Finish Milestone, DEW Duke St Ph 2 </div>																																															
C232-1190	Install Temp. Conc Barrier Wall, DEW Duke St Ph 2	5	06-Mar-19	14-Mar-19																																																
C232-1180	Start Milestone, DEW Duke St Ph 2	0	06-Mar-19	25-Mar-19																																																
C232-1200	Shift Traffic, DEW Duke St Ph 2	5	18-Mar-19	17-Jun-19																																																
C232-1210	Finish Milestone, DEW Duke St Ph 2	0	06-Mar-19	17-Jun-19																																																
WB					<div style="display: flex; justify-content: space-between;"> ■ Clear and Grub, DEW Duke St Ph 2 WB ■ Excavate / Embank, DEW Duke St Ph 2 WB ■ Install drainage, Repair Exist pipes, DEW Duke St Ph 2 WB ■ Construct Subbase, DEW Duke St Ph 2 WB ■ Install Curb & Gutters / Barrier Wall, DEW Duke St Ph 2 WB ■ Install Underdrain, DEW Duke St Ph 2 WB ■ Install Elect / ITS Ductbank, DEW Duke St Ph 2 WB ■ Asphalt Paving, DEW Duke St Ph 2 WB ■ Striping, DEW Duke St Ph 2 WB ■ Install Guardrail, DEW Duke St Ph 2 WB ■ Install Lights / ITS / Signal, DEW Duke St Ph 2 WB </div>																																															
C232W1000	Clear and Grub, DEW Duke St Ph 2 WB	5	26-Mar-19	02-Apr-19																																																
C232W1010	Excavate / Embank, DEW Duke St Ph 2 WB	5	03-Apr-19	10-Apr-19																																																
C232W1020	Install drainage, Repair Exist pipes, DEW Duke St Ph 2 WB	5	12-Apr-19	19-Apr-19																																																
C232W1040	Construct Subbase, DEW Duke St Ph 2 WB	5	22-Apr-19	29-Apr-19																																																
C232W1060	Install Curb & Gutters / Barrier Wall, DEW Duke St Ph 2 WB	5	01-May-19	09-May-19																																																
C232W1050	Install Underdrain, DEW Duke St Ph 2 WB	5	01-May-19	09-May-19																																																
C232W1030	Install Elect / ITS Ductbank, DEW Duke St Ph 2 WB	5	01-May-19	09-May-19																																																
C232W1070	Asphalt Paving, DEW Duke St Ph 2 WB	5	10-May-19	17-May-19																																																
C232W1100	Striping, DEW Duke St Ph 2 WB	5	20-May-19	29-May-19																																																
C232W1090	Install Guardrail, DEW Duke St Ph 2 WB	5	20-May-19	29-May-19																																																
C232W1080	Install Lights / ITS / Signal, DEW Duke St Ph 2 WB	15	20-May-19	17-Jun-19																																																
Median					<div style="display: flex; justify-content: space-between;"> ■ Clear and Grub, DEW Duke St Ph 2 Median ■ Excavate / Embank, DEW Duke St Ph 2 Median ■ Construct Subbase, DEW Duke St Ph 2 Median ■ Install Median, DEW Duke St Ph 2 Median ■ Install Underdrain, DEW Duke St Ph 2 Median ■ Install Elect / ITS Ductbank, DEW Duke St Ph 2 Median ■ Asphalt Paving, DEW Duke St Ph 2 Median ■ Striping, DEW Duke St Ph 2 Median ■ Install Lights / ITS / Signal, DEW Duke St Ph 2 Median </div>																																															
C232M1000	Clear and Grub, DEW Duke St Ph 2 Median	5	26-Mar-19	02-Apr-19																																																
C232M1010	Excavate / Embank, DEW Duke St Ph 2 Median	5	03-Apr-19	10-Apr-19																																																
C232M1030	Construct Subbase, DEW Duke St Ph 2 Median	5	12-Apr-19	19-Apr-19																																																
C232M1050	Install Median, DEW Duke St Ph 2 Median	5	22-Apr-19	29-Apr-19																																																
C232M1040	Install Underdrain, DEW Duke St Ph 2 Median	5	22-Apr-19	29-Apr-19																																																
C232M1020	Install Elect / ITS Ductbank, DEW Duke St Ph 2 Median	5	22-Apr-19	29-Apr-19																																																
C232M1060	Asphalt Paving, DEW Duke St Ph 2 Median	5	01-May-19	09-May-19																																																
C232M1080	Striping, DEW Duke St Ph 2 Median	5	10-May-19	17-May-19																																																
C232M1070	Install Lights / ITS / Signal, DEW Duke St Ph 2 Median	15	10-May-19	07-Jun-19																																																

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

