

ATTACHMENT J

SAMPLE DESIGN-BUILD CTD

(CONTRACT TIME DETERMINATION)

BASED ON BASE TECHNICAL CONCEPT (BTC)

DEVELOPED FOR ***CONSTRUCTION PLANNING***
DURING THE ***DESIGN PHASE***

Project Name: 612631 - Chelmsford: Bridge Replacements Gorham St Westford St over 1-495 25% plans, DB DD Revised, Project ID 612631 CTD01			CST01-Baseline-All				MassDOT: Highway															
Activity ID	Activity Name	OD	Start	Finish	Calendar																	
612631 - Chelmsford: Bridge Replacements Gorham St & Westford St over 1-495 25% plans, DB DD Revised																						
						2024				2025				2026				2027				
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Milestones																						
Design Builder Selection																						
612631-LOI	Advertise request for Letter of intent	0	09-Sep-23		Milestone calendar 24 hrs /	Advertise request for Letter of intent																
612631-LOI Proc	Advertise request for Letter of intent - (Procurement duration)	42	09-Sep-23	20-Oct-23	7D/8Hr -No Hol (MS Cal)	Advertise request for Letter of intent - (Procurement duration)																
612631-RFQ	Advertise for RFQ - Milestone	0	20-Oct-23		Milestone calendar 24 hrs /	Advertise for RFQ - Milestone																
612631-RFQ Dur	Issue request for qualifications (duration) -R FQ	51	21-Oct-23	10-Dec-23	7D/8Hr -No Hol (MS Cal)	Issue request for qualifications (duration) -R FQ																
612631-SLB	Select the short listed bidders	0	10-Dec-23		Milestone calendar 24 hrs /	Select the short listed bidders																
612631-SLB Dur	Short list Bidders for the Chelmsford -2 br idge D-B project	55	11-Dec-23	03-Feb-24	7D/8Hr -No Hol (MS Cal)	Short list Bidders for the Chelmsford -2 br idge D-B project																
612631-RFP	Advertise for RFP	0	03-Feb-24		Milestone calendar 24 hrs /	Advertise for RFP																
612631-RFP Dur	Design-Builders to prepare & submit their formal proposals	42	04-Feb-24	16-Mar-24	7D/8Hr -No Hol (MS Cal)	Design-Builders to prepare & submit their formal proposals																
612631-ATC	Prepare & Submit ATC for Project	0	16-Mar-24		Milestone calendar 24 hrs /	Prepare & Submit ATC for Project																
612631-ATC Dur	ATCs are presented by bidders and MassDOT conducts interviews	15	18-Mar-24	05-Apr-24	5D/8Hr -1 1 Hol	ATCs are presented by bidders and MassDOT conducts interviews																
612631-TPP	Start of Technical and Price Proposals	0	05-Apr-24		Milestone calendar 24 hrs /	Start of Technical and Price Proposals																
612631-TPP Dur	Prepare and submit technical and price proposal submissions	20	08-Apr-24	06-May-24	5D/8Hr -1 1 Hol	Prepare and submit technical and price proposal submissions																
612631-BID	Public Price Bid opening	1	07-May-24	07-May-24	5D/8Hr -1 1 Hol	Public Price Bid opening																
612631-NOA Dur	Issue Notice of Award	30	08-May-24	06-Jun-24	7D/8Hr -No Hol (MS Cal)	Issue Notice of Award																
612631-NOA	Issue Award of DB Contract	0	06-Jun-24		Milestone calendar 24 hrs /	Issue Award of DB Contract																
612631-NTPD	Issue NTP for DB contract	15	07-Jun-24	21-Jun-24	7D/8Hr -No Hol (MS Cal)	Issue NTP for DB contract																
Construction Milestones																						
612631-NTP	Issue Notice to Proceed (NTP) to Design Builder	0	21-Jun-24		Milestone calendar 24 hrs /	Issue Notice to Proceed (NTP) to Design Builder																
612631D-FBU	Beneficial Use -F BU 8.03	0		14-Jun-27	7D/8Hr -No Hol (MS Cal)	Beneficial Use																
612631-SC	Substantial Completion -S C 7.15 & 8.03	0		23-Jul-27	7D/8Hr -No Hol (MS Cal)	Substantial Completion																
612631-CFC	Physical Completion of Work -C FC	0		07-Sep-27	7D/8Hr -No Hol (MS Cal)	Physical Completion of Work																
Project Durations																						
612631-1000	FBU -Full Beneficial Use or Occupancy	1088	22-Jun-24	14-Jun-27	7D/8Hr -No Hol (MS Cal)	FBU - Full Beneficial Use or Occupancy																
612631-1010	Project's Substantial Completion -S C	1127	22-Jun-24	23-Jul-27	7D/8Hr -No Hol (MS Cal)	Project's Substantial Completion																
612631-1020	Project CFC -Contractor's Field Completion	1173	22-Jun-24	07-Sep-27	7D/8Hr -No Hol (MS Cal)	Project's Field Completion																
Post Award/NTP Work																						
612631-NTP PreC	Schedule/set up Preconstruction Conference	14	22-Jun-24	05-Jul-24	7D/8Hr -No Hol (MS Cal)	Schedule/set up Preconstruction Conference																
612631-SU2510	Mobilize/Buy out the Project & sign up subcontractors/ Prep for submittals	30	24-Jun-24	06-Aug-24	5D/8Hr -1 1 Hol	Mobilize/Buy out the Project & sign up subcontractors/ Prep for submittals																
612631-Pre Con	Preconstruction conference meeting at D4	0	06-Jul-24		7D/8Hr -No Hol (MS Cal)	Preconstruction conference meeting at D4																
Design Packages																						
Early Release Work Items - Submittal/Approval																						
612631-PS1000	Prep & Submit the level of the Health and Safety Program for this Project -Written in the Special Pro	25	24-Jun-24	30-Jul-24	5D/8Hr -1 1 Hol	Prep & Submit the level of the Health and Safety Program for this Project -Written in the Special Provisions																
612631-PS1010	Review and Approve the Health and Safety Program for the Project (DOT)	30	31-Jul-24	29-Aug-24	7D/8Hr -No Hol (MS Cal)	Review and Approve the Health and Safety Program for the Project (DOT)																
Project Traffic Mangement Phasing /Plans																						
Remaining Level of Effort Actual Level of Effort Actual Work Remaining Work Critical Remaining Work			Layout = CST01-Baseline-All, Filter = TASK filter: All Activities Data Date = 09-Sep-23, Run Date = 19-Dec-23, 09:11 Project Start = 09-Sep-23 Project Finish = 07-Sep-27			Date	Revision		Checked	Approved	Prepared by MassDOT Highway Page 1 of 16											

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612631-TMP100	Review, determine and submit the Project's phasing outlined in the Project Special Provisions	25	24-Jun-24	30-Jul-24	5D/8Hr -1 1 Hol																	
612631-TMP110	Review & Approve Project's phasing for the Project (DOT)	30	31-Jul-24	29-Aug-24	7D/8Hr -No Hol (MS Cal)																	
Phase 1 Excavation and Grading Plan																						
612631-E1100	Review, determine and submit the Project's phase 1 excavation & grading plan Early Release Work	25	30-Aug-24	04-Oct-24	5D/8Hr -1 1 Hol																	
612631-E1110	Review & Approve Phase 1 Excavation & Grading plan Early Release Work	30	05-Oct-24	03-Nov-24	7D/8Hr -No Hol (MS Cal)																	
Phase 1 Drainage Plan -Gorham & Westford Streets																						
612631-D1100	Determine & submit Project's Phs 1 Drainage work in coordination with Environmental & Utility needs	25	30-Aug-24	04-Oct-24	5D/8Hr -1 1 Hol																	
612631-D1110	Review & Approve Project's Phase 1 Drainage Work	30	05-Oct-24	03-Nov-24	7D/8Hr -No Hol (MS Cal)																	
Pre Ph 1 & Ph 1 Environmental Coordination, Notices, & Design																						
612631-E1000	Review Project environmental needs & submit incl Invasive Species & Wetlands (aka: Special Provis	25	24-Jun-24	30-Jul-24	5D/8Hr -1 1 Hol																	
612631-E1010	Review & Approve Project Envornmental needs / coordinate w/ ERDPs Drainage & Utility (DOT)	30	31-Jul-24	29-Aug-24	7D/8Hr -No Hol (MS Cal)																	
Utility Coordination, Notices, Work orders, and Desgin																						
612631-U1000	Create and submit the Utility Coordination Plan for the Project (Project's Special Provisions)	25	31-Jul-24	04-Sep-24	5D/8Hr -1 1 Hol																	
612631-U1010	Review & Approve the Utility Coordination Plan for the Project (DOT)	30	05-Sep-24	04-Oct-24	7D/8Hr -No Hol (MS Cal)																	
Bridge Demolition Plans																						
612631-BDG100	Create and submit Phase1 -B ridge Demolition Plans for Gorham St. Br.	25	30-Aug-24	04-Oct-24	5D/8Hr -1 1 Hol																	
612631-BDW100	Create and submit Phase1 -B ridge Demolition Plans for Westford St. Br.	25	09-Sep-24	11-Oct-24	5D/8Hr -1 1 Hol																	
612631-BDG110	Review & Approve Phase1 -B ridge Demolition Plans for Gorham St. Br. (DOT)	30	05-Oct-24	03-Nov-24	7D/8Hr -No Hol (MS Cal)																	
612631-BDW110	Review & Approve Phase1 -B ridge Demolition Plans for Westford St. Br. (DOT)	30	12-Oct-24	10-Nov-24	7D/8Hr -No Hol (MS Cal)																	
Early Release Design Packages																						
Geotechnical program																						
612631-GT00	Prepare and submit a geotech subsurface program with bedrock location & characteristics	20	24-Jun-24	23-Jul-24	5D/8Hr -1 1 Hol																	
612631-GT10	Review and approve geotech subsurface program with bedrock location & characteristics	30	24-Jul-24	22-Aug-24	7D/8Hr -No Hol (MS Cal)																	
612631-GT20	Obtain Geotechnial Firm & impliment subsurface program for the project	15	02-Aug-24	22-Aug-24	5D/8Hr -1 1 Hol																	
612631-GT30	Compile data and develop geotechnical report for use in designing project foundations	10	23-Aug-24	06-Sep-24	5D/8Hr -1 1 Hol																	
612631-GT40	Schedule & Conduct OTS review -G eotechnical Report	2	09-Sep-24	10-Sep-24	5D/8Hr -1 1 Hol																	
612631-GT50	Submit Geotechnical Report	10	11-Sep-24	24-Sep-24	5D/8Hr -1 1 Hol																	
612631-GT60	Approve Geotechnical Report	30	25-Sep-24	24-Oct-24	7D/8Hr -No Hol (MS Cal)																	
Substructure																						
Gorham Street Bridge Substructure Design																						
GSB - Foundation Design																						
612631-GSB100	Prepare foundation design for GSB	15	25-Sep-24	16-Oct-24	5D/8Hr -1 1 Hol																	
612631-GSB110	Schedule OTS review of GSB Foundation Design	2	17-Oct-24	18-Oct-24	5D/8Hr -1 1 Hol																	
612631-GSB120	Submit GSB Foundation Design	10	25-Oct-24	07-Nov-24	5D/8Hr -1 1 Hol																	
612631-GSB130	Review & Approve GSB foundation Design	30	08-Nov-24	07-Dec-24	7D/8Hr -No Hol (MS Cal)																	
612631-GSB140	Comment Resolution Mtg & Re-issue GSB Foundation Design	10	09-Dec-24	20-Dec-24	5D/8Hr -1 1 Hol																	
612631-GSB145	Procure materials needed for construction of GSB designed foundations	20	23-Dec-24	23-Jan-25	5D/8Hr -1 1 Hol																	
GSB - Foundation Rebar																						
612631-GSB150	Prepare GSB Foundation / Footing rebar design	20	08-Nov-24	11-Dec-24	5D/8Hr -1 1 Hol																	
Remaining Level of Effort Actual Level of Effort Actual Work Remaining Work Critical Remaining Work		Layout = CST01-Baseline-All, Filter = TASK filter: All Activities Data Date = 09-Sep-23, Run Date = 19-Dec-23, 09:11 Project Start = 09-Sep-23 Project Finish = 07-Sep-27			Date	Revision	Checked	Approved	Prepared by MassDOT Highway				Page 2 of 16									

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							Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
612631-GSB160	Schedule OTS review of GSB Foundation / Footing rebar Design		2	12-Dec-24	13-Dec-24	5D/8Hr -1 1 Hol																	
612631-GSB170	Submit GSB Foundation / Footing rebar Design		5	16-Dec-24	20-Dec-24	5D/8Hr -1 1 Hol																	
612631-GSB180	Review & Approve GSB Foundation / Footing rebar Design		30	21-Dec-24	19-Jan-25	7D/8Hr -No Hol (MS Cal)																	
612631-GSB190	Comment Resolution Mtg & Re-issue GSB Foundation / Footing Rebar Design		10	21-Jan-25	03-Feb-25	5D/8Hr -1 1 Hol																	
612631-GSB195	Procure reinforcing steel for GSB's designed foundation / footing		40	21-Jan-25	18-Mar-25	5D/8Hr -1 1 Hol																	
GSB - Substructure Design																							
612631-GSB200	Prepare Substructure design for GSB		15	01-Nov-24	22-Nov-24	5D/8Hr -1 1 Hol																	
612631-GSB210	Schedule OTS review of GSB Substructure Design		2	25-Nov-24	26-Nov-24	5D/8Hr -1 1 Hol																	
612631-GSB220	Submit GSB Substructure Design		10	02-Dec-24	13-Dec-24	5D/8Hr -1 1 Hol																	
612631-GSB230	Review & Approve GSB Substructure Design		30	14-Dec-24	12-Jan-25	7D/8Hr -No Hol (MS Cal)																	
612631-GSB240	Comment Resolution Mtg & Re-issue GSB Substructure Design		10	13-Jan-25	27-Jan-25	5D/8Hr -1 1 Hol																	
612631-GSB245	Procure materials needed for construction of GSB designed Substructure		20	28-Jan-25	25-Feb-25	5D/8Hr -1 1 Hol																	
GSB - Substructure Rebar																							
612631-GSB250	Prepare GSB Substructure rebar design		20	16-Dec-24	15-Jan-25	5D/8Hr -1 1 Hol																	
612631-GSB260	Schedule OTS review of GSB Substructure rebar Design		2	16-Jan-25	17-Jan-25	5D/8Hr -1 1 Hol																	
612631-GSB270	Submit GSB Substructure rebar Design		10	21-Jan-25	03-Feb-25	5D/8Hr -1 1 Hol																	
612631-GSB280	Review & Approve GSB Substructure rebar Design		30	04-Feb-25	05-Mar-25	7D/8Hr -No Hol (MS Cal)																	
612631-GSB290	Comment Resolution Mtg & Re-issue GSB Substructure Rebar Design		10	06-Mar-25	19-Mar-25	5D/8Hr -1 1 Hol																	
612631-GSB295	Procure reinforcing steel for GSB's substructure		40	20-Mar-25	15-May-25	5D/8Hr -1 1 Hol																	
Westford Street Bridge Substructure Design																							
WSB - Foundation Design																							
612631-WSB100	Prepare foundation design for WSB		20	17-Oct-24	14-Nov-24	5D/8Hr -1 1 Hol																	
612631-WSB110	Schedule OTS review of WSB Foundation Design		2	15-Nov-24	18-Nov-24	5D/8Hr -1 1 Hol																	
612631-WSB120	Submit WSB Foundation Design		10	19-Nov-24	05-Dec-24	5D/8Hr -1 1 Hol																	
612631-WSB130	Review & Approve WSB foundation Design		30	06-Dec-24	04-Jan-25	7D/8Hr -No Hol (MS Cal)																	
612631-WSB140	Comment Resolution Mtg & Re-issue WSB Foundation Design		10	06-Jan-25	17-Jan-25	5D/8Hr -1 1 Hol																	
612631-WSB145	Procure materials needed for construction of WSB designed foundations		20	21-Jan-25	18-Feb-25	5D/8Hr -1 1 Hol																	
WSB - Foundation Rebar																							
612631-WSB150	Prepare foundation rebar design for WSB		20	06-Dec-24	07-Jan-25	5D/8Hr -1 1 Hol																	
612631-WSB160	Schedule OTS review of WSB Foundation Rebar Design		2	08-Jan-25	09-Jan-25	5D/8Hr -1 1 Hol																	
612631-WSB170	Submit WSB Foundation Rebar Design		10	10-Jan-25	24-Jan-25	5D/8Hr -1 1 Hol																	
612631-WSB180	Review & Approve WSB Foundation Rebar Design		30	25-Jan-25	23-Feb-25	7D/8Hr -No Hol (MS Cal)																	
612631-WSB190	Comment Resolution Mtg & Re-issue WSB Foundation Reabr Design		10	24-Feb-25	07-Mar-25	5D/8Hr -1 1 Hol																	
612631-WSB195	Procure reinforcing steel to construct WSB's designed foundations		40	10-Mar-25	05-May-25	5D/8Hr -1 1 Hol																	
WSB - Substructure Design																							
612631-WSB200	Prepare Substructure design for WSB		15	21-Jan-25	10-Feb-25	5D/8Hr -1 1 Hol																	
612631-WSB210	Schedule OTS review of WSB Substructure Design		2	11-Feb-25	12-Feb-25	5D/8Hr -1 1 Hol																	
612631-WSB220	Submit WSB Substructure Design		15	13-Feb-25	06-Mar-25	5D/8Hr -1 1 Hol																	
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						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4					
612631-WSB230	Review & Approve WSB Substructure Design	30	07-Mar-25	05-Apr-25	7D/8Hr -No Hol (MS Cal)																		
612631-WSB240	Comment Resolution Mtg & Re-issue WSB Substructure Design	10	07-Apr-25	18-Apr-25	5D/8Hr -1 1 Hol																		
612631-WSB245	Procure materials needed for construction of WSB designed Substructure	20	22-Apr-25	19-May-25	5D/8Hr -1 1 Hol																		
WSB Substructure Rebar																							
612631-WSB270	Prepare substructure rebar design for WSB	20	07-Mar-25	03-Apr-25	5D/8Hr -1 1 Hol																		
612631-WSB280	Schedule OTS review of WSB substructure rebar design	2	04-Apr-25	07-Apr-25	5D/8Hr -1 1 Hol																		
612631-WSB290	Submit WSB substructure rebar design	10	08-Apr-25	22-Apr-25	5D/8Hr -1 1 Hol																		
612631-WSB295	Review & Approve WSB substructure r ebar design	30	23-Apr-25	22-May-25	7D/8Hr -No Hol (MS Cal)																		
612631-WSB250	Comment Resolution Mtg & Re-issue WSB Substructure rebar design	10	23-May-25	06-Jun-25	5D/8Hr -1 1 Hol																		
612631-WSB260	Procure reinforcing steel to construct WSB's designed substructure	40	09-Jun-25	05-Aug-25	5D/8Hr -1 1 Hol																		
Superstructure																							
Gorham Street Bridge Superstructure Design																							
612631-GSB300	Prepare Superstructure Design for GSB	15	09-Dec-24	31-Dec-24	5D/8Hr -1 1 Hol																		
612631-GSB310	Schedule OTS review of GSB Superstructure Design	2	02-Jan-25	03-Jan-25	5D/8Hr -1 1 Hol																		
612631-GSB320	Submit GSB Superstructure Design	10	06-Jan-25	17-Jan-25	5D/8Hr -1 1 Hol																		
612631-GSB330	Review & Approve GSB Superstructure Design	30	18-Jan-25	16-Feb-25	7D/8Hr -No Hol (MS Cal)																		
612631-GSB340	Comment Resolution Mtg & Re-issue GSB Superstructure Design	10	18-Feb-25	03-Mar-25	5D/8Hr -1 1 Hol																		
GSB -Structural Steel																							
612631-GSB355	Prepare and Submit -S tructural steel shop drawings	20	04-Mar-25	31-Mar-25	5D/8Hr -1 1 Hol																		
612631-GSB360	Review and Approve -S tructural steel shop drawings	30	01-Apr-25	30-Apr-25	7D/8Hr -No Hol (MS Cal)																		
612631-GSB365	Procure Structural Steel for the girders	120	01-May-25	28-Aug-25	7D/8Hr -No Hol (MS Cal)																		
GSB -Deck Rebar & Shear Studs																							
612631-GSB385	Prepare & Submit Superstructure Rebar & Shear Studs	20	01-Apr-25	29-Apr-25	5D/8Hr -1 1 Hol																		
612631-GSB395	Review & Approve Superstructure Rebar & Shear Studs	30	30-Apr-25	29-May-25	7D/8Hr -No Hol (MS Cal)																		
GSB -Bearings																							
612631-GSB375	Prepare and Submit -G SB Bearing shop drawings	20	01-Apr-25	29-Apr-25	5D/8Hr -1 1 Hol																		
612631-GSB380	Review and Approve -G SB Bearing shop drawings	30	30-Apr-25	29-May-25	7D/8Hr -No Hol (MS Cal)																		
Westford Street Bridge Superstructure Design																							
612631-WSB300	Prepare Superstructure Design for WSB	15	07-Mar-25	27-Mar-25	5D/8Hr -1 1 Hol																		
612631-WSB305	Schedule OTS review of WSB Superstructure Design	2	28-Mar-25	31-Mar-25	5D/8Hr -1 1 Hol																		
612631-WSB310	Submit WSB Superstructure Design	10	01-Apr-25	14-Apr-25	5D/8Hr -1 1 Hol																		
612631-WSB315	Review & Approve WSB Superstructure Design	30	15-Apr-25	14-May-25	7D/8Hr -No Hol (MS Cal)																		
612631-WSB320	Comment Resolution Mtg & Re-issue WSB Superstructure Design	10	15-May-25	29-May-25	5D/8Hr -1 1 Hol																		
WSB -Structural Steel																							
612631-WSB355	Prepare and Submit -S tructural steel shop drawings -W SB	20	08-May-25	05-Jun-25	5D/8Hr -1 1 Hol																		
612631-WSB360	Review and Approve -S tructural steel shop drawings -W SB	30	06-Jun-25	05-Jul-25	7D/8Hr -No Hol (MS Cal)																		
612631-WSB365	Procure Structural Steel for the girders -W SB	100	06-Jul-25	13-Oct-25	7D/8Hr -No Hol (MS Cal)																		
WSB -Deck Rebar and Shear Studs																							
612631-WSB385	Prepare & Submit Superstructure Rebar & Shear Studs -W estford	20	08-May-25	05-Jun-25	5D/8Hr -1 1 Hol																		
Remaining Level of Effort Actual Level of Effort Actual Work Remaining Work Critical Remaining Work		Layout = CST01-Baseline-All, Filter = TASK filter: All Activities Data Date = 09-Sep-23, Run Date = 19-Dec-23, 09:11 Project Start = 09-Sep-23 Project Finish = 07-Sep-27				Date	Revision				Checked	Approved	Prepared by MassDOT Highway				Page 4 of 16						

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	612631-BS2120W	Finalize formal WSB Bridge, 2nd Structural Bridge Design	20	09-Dec-24	08-Jan-25	5D/8Hr -1 1 Hol																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

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						2024				2025				2026				2027				
						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Bridge Foundation / Footing																						
612631-FRG100	Prepare & Submit Spread footing for Gorham Street Bridge	25	23-Dec-24	30-Jan-25	5D/8Hr -1 1 Hol																	
612631-FRG120	Review & Approve Spread Footing for Gorham Street Bridge	30	31-Jan-25	01-Mar-25	7D/8Hr -No Hol (MS Cal)																	
612631-FRW100	Prepare & Submit Spread Footing design S dwgs for Westford Street Bridge	25	31-Jan-25	07-Mar-25	5D/8Hr -1 1 Hol																	
612631-FRG140	Prepare & Submit Rebar for Spread footings for the Gorham Street Bridge	20	06-Feb-25	06-Mar-25	5D/8Hr -1 1 Hol																	
612631-FRG150	Review & Approve Rebar for Spread footing for the Gorham Street Bridge	30	07-Mar-25	05-Apr-25	7D/8Hr -No Hol (MS Cal)																	
612631-FRW120	Review & Approve Spread Footing design S dwgs for Westford Street Bridge	30	08-Mar-25	06-Apr-25	7D/8Hr -No Hol (MS Cal)																	
612631-FRW130	Prepare & Submit Spread Footing Rebar S dwgs for Westford Street Bridge	25	10-Mar-25	11-Apr-25	5D/8Hr -1 1 Hol																	
612631-FRG130	Procure Footing Rebar for Gorham Street Bridge	20	19-Mar-25	15-Apr-25	5D/8Hr -1 1 Hol																	
612631-FRW140	Review & Approve Spread Footing Rebar S dwgs for Westford Street Bridge	30	12-Apr-25	11-May-25	7D/8Hr -No Hol (MS Cal)																	
612631-FRW150	Procure Footing Rebar for Westford Street Bridge	40	12-May-25	09-Jul-25	5D/8Hr -1 1 Hol																	
Bridge Submittals and Shop Drawings																						
612631-SS130	Prepare & Submit Structural Steel Shop Drawings -G orham Street Bridge	50	21-Jan-25	01-Apr-25	5D/8Hr -1 1 Hol																	
612631-SS160	P & S Laminated Elastomeric Bearings w/o anchor bolts -G orham Street Bridge	20	05-Mar-25	01-Apr-25	5D/8Hr -1 1 Hol																	
612631-SS140	Review & Approve Structural Steel Shop Drawings -G orham Street Bridge	30	02-Apr-25	01-May-25	7D/8Hr -No Hol (MS Cal)																	
612631-SS100	Prepare & Submit Structural Steel Shop Drawings -W estford Street Bridge	50	15-Apr-25	26-Jun-25	5D/8Hr -1 1 Hol																	
612631-SS170	R & A Laminated Elastomeric Bearings w/o anchor bolts -G orham Street Bridge	30	30-Apr-25	29-May-25	7D/8Hr -No Hol (MS Cal)																	
612631-SS150	Fabricate Str. Steel -G orham Steet Bridge over I-495	100	02-May-25	24-Sep-25	5D/8Hr -1 1 Hol																	
612631-SS180	Fabricate Laminated Elastomeric Bearings w/o anchor bolts -G orham Street Bridge	40	30-May-25	28-Jul-25	5D/8Hr -1 1 Hol																	
612631-SS250	P & S Laminated Elastomeric Bearings w/o anchor bolts -W estford Street Bridge	20	27-Jun-25	25-Jul-25	5D/8Hr -1 1 Hol																	
612631-SS110	Review & Approve Structural Steel Shop Drawings -W estford Street Bridge	30	27-Jun-25	26-Jul-25	7D/8Hr -No Hol (MS Cal)																	
612631-SS210	Fabricate Str.all elements for Westford Street Bridge over I-495	100	27-Jun-25	19-Nov-25	5D/8Hr -1 1 Hol																	
612631-SS260	R & A Laminated Elastomeric Bearings w/o anchor bolts -W estford Street Bridge	30	26-Jul-25	24-Aug-25	7D/8Hr -No Hol (MS Cal)																	
612631-SS270	Fabricate Laminated Elastomeric Bearings w/o anchor bolts -W estfrod Street Bridge	40	25-Aug-25	21-Oct-25	5D/8Hr -1 1 Hol																	
612631-SS120	Fabricate Str. Steel -W estford Street Bridge over I-495	100	29-Aug-25	28-Jan-26	5D/8Hr -1 1 Hol																	
Superstructure Rebar Shop Drawings																						
612631-GSR100	Prepare & Submit Superstructure Rebar -G SB	30	25-Mar-25	06-May-25	5D/8Hr -1 1 Hol																	
612631-WSD100	Prepare & Submit Superstructure Rebar -W SB	30	01-May-25	12-Jun-25	5D/8Hr -1 1 Hol																	
612631-GSR110	Review & Approve Superstructure Rebar -G SB	30	07-May-25	05-Jun-25	7D/8Hr -No Hol (MS Cal)																	
612631-GSR120	Fabricate Superstructure Rebar -G SB	40	06-Jun-25	04-Aug-25	5D/8Hr -1 1 Hol																	
612631-WSD110	Review & Approve Superstructure Rebar -W SB	30	13-Jun-25	12-Jul-25	7D/8Hr -No Hol (MS Cal)																	
612631-WSD120	Fabricate Superstructure Rebar -W SB	40	15-Aug-25	10-Oct-25	5D/8Hr -1 1 Hol																	
Substructure Rebar Shop Drawings																						
612631-SSR100	Prepare & Submit Substructure Rebar -GSB	40	15-Oct-24	13-Dec-24	5D/8Hr -1 1 Hol																	
612631-SSR110	Review & Approve Substructure Rebar -GSB	30	18-Feb-25	19-Mar-25	7D/8Hr -No Hol (MS Cal)																	
612631-SSR120	Fabricate substructure Rebar -G SB	30	03-Apr-25	15-May-25	5D/8Hr -1 1 Hol																	
612631-SSR290	Prepare & Submit Substructure Rebar -W SBridge	40	09-Apr-25	05-Jun-25	5D/8Hr -1 1 Hol																	
Remaining Level of Effort Actual Level of Effort Actual Work Remaining Work Critical Remaining Work		Layout = CST01-Baseline-All, Filter = TASK filter: All Activities Data Date = 09-Sep-23, Run Date = 19-Dec-23, 09:11 Project Start = 09-Sep-23 Project Finish = 07-Sep-27			Date	Revision	Checked	Approved	Prepared by MassDOT Highway		Page 8 of 16											

Project Name: 612631 - Chelmsford: Bridge Replacements Gorham St Westford St over 1-495 25% plans, DB DD Revised, Project ID 612631 CTD01			CST01-Baseline-All				MassDOT: Highway															
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						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
612631-SSR300	Review & Approve Substructure Rebar -WSBridge	30	06-Jun-25	05-Jul-25	7D/8Hr -No Hol (MS Cal)																	
612631-SSR310	Fabricate substructure Rebar -WSB	30	07-Jul-25	15-Aug-25	5D/8Hr -1 1 Hol																	
Superpave 9.5																						
612631-HMA100	Prepare & Submit Superpave 9.5	20	19-May-25	16-Jun-25	5D/8Hr -1 1 Hol																	
612631-HMA110	Review & Approve Superpave 9.5	30	17-Jun-25	16-Jul-25	7D/8Hr -No Hol (MS Cal)																	
Pavement Marking Plan																						
612631-PM100	Prepare & Submit Pavement Marking Plan	20	17-Jun-25	16-Jul-25	5D/8Hr -1 1 Hol																	
612631-PM110	Review & Approve Pavement Marking Plan	30	17-Jul-25	15-Aug-25	7D/8Hr -No Hol (MS Cal)																	
Native Seeding and establishment																						
612631-HMA120	Prepare & Submit Seeds Permanent and Annual (cover crop)	20	24-Jun-24	23-Jul-24	5D/8Hr -1 1 Hol																	
612631-HMA130	Review & Approve Seeds Permanent and Annual (cover crop)	30	24-Jul-24	22-Aug-24	7D/8Hr -No Hol (MS Cal)																	
Permits & MBTA Coordination																						
612631-P100	Prepare & Submit Waterline Pipe protection plan -Wilmington/MWRA -8m Permits	30	24-Jun-24	06-Aug-24	5D/8Hr -1 1 Hol																	
612631-P110	Review and Approve a pipe protection plan -Wilmington/ MWRA -8 m Permit	30	18-Nov-24	17-Dec-24	7D/8Hr -No Hol (MS Cal)																	
Utilities																						
612631-PU1010	Gorham Street bridge Test existing Gas Line for PCBs and Concrete Telephone conduit for transite/a	5	24-Jun-24	28-Jun-24	5D/8Hr -1 1 Hol																	
612631-PU1020	Results of Utility testing -p CBs & asbestos -Design project based on results.	30	01-Jul-24	13-Aug-24	5D/8Hr -1 1 Hol																	
612631-PU1000	Note: Utility Work Order (for a service connection) , request takes a Minimum 90 Days to Compete.	90	05-Oct-24	02-Jan-25	7D/8Hr -No Hol (MS Cal)																	
Utility work on Gorham Roadway & Bridge																						
National Grid -Gorham -onto bridge																						
612631-NGE1000	Early utility work: Conduit from existing westside pole to east side (HH/MH?). Plan "BO", possible nigh	3	07-Oct-24	09-Oct-24	5D/8Hr -1 1 Hol																	
612631-NGE1020	Pull Wire to northbound lane during Ph 1 contruction and remove OH (Ph 2) wire from SB lane/west	3	10-Oct-24	15-Oct-24	5D/8Hr -1 1 Hol																	
612631-NGE1010	Complete conduit work across bridge in Phase 1 -p er plan to be done "BO" could be contract work,c	10	10-Oct-24	24-Oct-24	5D/8Hr -1 1 Hol																	
Crown Castle -1 fiber cable with 288ct																						
612631-C C100	Crown Castle -has 1 fiber cable with 288 ct pairs -to be done w ith comcast's three activities	1	05-Nov-24	05-Nov-24	5D/8Hr -1 1 Hol																	
Town of Chelmsford -Gorham -Cobras contract item																						
612631-CG200	Move Cobra Streetlights -co ntract work no utility work	0	16-Oct-24	16-Oct-24	5D/8Hr -1 1 Hol																	
Chelmsford Fire Alarm -Decommission this section																						
612631-FA100	Fire Alarm in this section should be decommissioned -DB needs to confirm during design	0	16-Oct-24	16-Oct-24	5D/8Hr -1 1 Hol																	
Lightpath - 1 Fiber under seconary (OH)																						
612631-LP100	Install Riser and conduit from westside to eastside pre Ph 1 or during Ph 1	4	06-Nov-24	12-Nov-24	5D/8Hr -1 1 Hol																	
612631-LP110	Install the balance of conduit for this ductback during phase 1 GSB after girders are set	5	13-Nov-24	19-Nov-24	5D/8Hr -1 1 Hol																	
612631-LP120	Pull and splice wire	6	20-Nov-24	02-Dec-24	5D/8Hr -1 1 Hol																	
Verizon/ MCI -Gorham -2 cables (144 & 48) requests a 1" conduit.																						
612631-V-MCI-100	Install riser and conduit from westside to eastside two cables (144 &48 Pair?) pre Ph 1 or during Ph1	4	16-Oct-24	21-Oct-24	5D/8Hr -1 1 Hol																	
612631-V-MCI-110	Install the balance of conduit for this ductback during phase 1 GSB after girders are set	8	03-Dec-24	12-Dec-24	5D/8Hr -1 1 Hol																	
612631-V-MCI-120	Pull wire and splice	5	13-Dec-24	19-Dec-24	5D/8Hr -1 1 Hol																	
AT&T / Siena -Gorham -1 n Lumen duct in Median																						

Remaining Level of Effort

Actual Level of Effort

Actual Work

Remaining Work

Critical Remaining Work

Layout = CST01-Baseline-All, Filter = TASK filter: All Activities
Data Date = 09-Sep-23, Run Date = 19-Dec-23, 09:11
Project Start = 09-Sep-23 Project Finish = 07-Sep-27

Date

Revision

Checked

Approved

Prepared by MassDOT Highway

Page 9 of 16

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						Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
612631-ATT20	AT&T is in Lumen Duct in I-495 Median -Up center pier	10	22-Oct-24	04-Nov-24	5D/8Hr -1 1 Hol																	
Comcast -With AT&T Aerial on Gorham St																						
612631-C1000	Install riser from pole to conduit underground in Phase1 or earlier to tie into conduit across bridge PI	4	22-Oct-24	25-Oct-24	5D/8Hr -1 1 Hol																	
612631-C1010	Install the rest of the conduit for the ductbank during Phase 1 Comcast	8	05-Nov-24	15-Nov-24	5D/8Hr -1 1 Hol																	
612631-C1020	Pull wire in new ductback and splice (2-4" conduits)	8	20-Dec-24	03-Jan-25	5D/8Hr -1 1 Hol																	
Verizon -Gorham -3 copper & 2 Fiber with air pipe at bridge																						
612631-VG100	Pre Stg 1: Install 6 x4" conduit ductbank-riser & conduit from westside to the eastside both ends of t	3	28-Oct-24	30-Oct-24	5D/8Hr -1 1 Hol																	
612631-VG110	Stg 1: Complete the duct bank in Phase 1	5	31-Oct-24	06-Nov-24	5D/8Hr -1 1 Hol																	
612631-VG120	Stage 1: Pull wire through the new duct bank and splice wire	6	17-Mar-25	24-Mar-25	Winter SD - 5D/8Hr -1 1 Hol																	
612631-VG130	Stage 1: Remove dead Cables and any overhead dead wires	2	25-Mar-25	26-Mar-25	Winter SD - 5D/8Hr -1 1 Hol																	
612631-VG140	Remove old poles -National Grid ?	5	27-Mar-25	02-Apr-25	Winter SD - 5D/8Hr -1 1 Hol																	
National Grid Gas -gas on bridge can shut down to be upgraded to an 8" line																						
612631-NGG1000	Install gas line from the westside to the eastside in Pre Ph 1 or during Ph 1	8	31-Oct-24	12-Nov-24	Winter SD - 5D/8Hr -1 1 Hol																	
612631-NGG1010	Complete 8" gas line in Phase 1	15	13-Nov-24	06-Dec-24	5D/8Hr -1 1 Hol																	
Utility Work on Westford Roadway & Bridge																						
National Grid -Westford - as of 3/9/23 onto bridge																						
612631-NGW1000	Stage 1: National G. Elec. (BO) -Install 4 poles No & So. of bridge	5	09-Apr-25	15-Apr-25	5D/8Hr -1 1 Hol																	
612631-NGW1020	Stage 1: National Grid Elec. - (BO) - Install 6x5" conduit array with MH	5	16-Apr-25	23-Apr-25	5D/8Hr -1 1 Hol																	
612631-NGW1030	Stage 1: (1) 2.5" conduit (or 2-5") and 1 Fiber Optic cable -acrossed the bridge - (BO)	2	24-Apr-25	25-Apr-25	5D/8Hr -1 1 Hol																	
Town of Chelmsford -Westford -cables are a contract item																						
612631 -C CW10	Chelmsford -remove cobra's is contract work no Utility work	0	01-May-25	01-May-25	5D/8Hr -1 1 Hol																	
Chelmsford Fire Alarm & Fiber - Westford - unknown I																						
612631 -F W100	Move Fire Line(s)? Unknown at this time -to be r esearched	10	01-May-25	14-May-25	5D/8Hr -1 1 Hol																	
Verizon/ MCI -Westford - unknown																						
612631 -V -MCI10	On Westford Bridge -unknown -to b e researched	10	15-May-25	29-May-25	5D/8Hr -1 1 Hol																	
AT&T / Slena -Westford -in Lumen duct that needs to be moved here																						
612631-ATTW10	Move AT&T (Lumen) duct to build bridge -p hase this work.	10	30-May-25	12-Jun-25	5D/8Hr -1 1 Hol																	
Comcast -Westford -OH & In conduit on Bridge																						
612631 -C W100	Move Comcast line(s) -ther e are OH lines and conduit on the Bridge	20	13-Jun-25	14-Jul-25	5D/8Hr -1 1 Hol																	
Verizon - Westford -																						
612631-NGW1010	Verizon: Install 4x4" conduit array across the bridge in Stage 1	3	28-Apr-25	30-Apr-25	5D/8Hr -1 1 Hol																	
612631 -V W100	Stg 1: Elec (BO):Place Strand and Cables (4 Cables from east side of br)	17	01-Jul-25	24-Jul-25	5D/8Hr -1 1 Hol																	
612631 -V W110	Stg 1: Splice & cut over	32	25-Jul-25	09-Sep-25	5D/8Hr -1 1 Hol																	
612631 -V W120	Stage 1: Transfer Cables	20	10-Sep-25	07-Oct-25	Winter SD - 5D/8Hr -1 1 Hol																	
612631 -V W130	Stage 1: Remove dead Cables	19	08-Oct-25	04-Nov-25	Winter SD - 5D/8Hr -1 1 Hol																	
612631 -V W140	Remove old poles (NGE?)	10	05-Nov-25	19-Nov-25	Winter SD - 5D/8Hr -1 1 Hol																	
National Grid Gas -Westford - gas line is abandoned																						
612631-GW100	gas line N/A - W SB	0	20-Aug-25	20-Aug-25	Winter SD - 5D/8Hr -1 1 Hol																	
Construction																						

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612631-GSF2025	Stage 2: Form, install rebar, and place concrete for Center Pier foundation	3	01-Oct-26	05-Oct-26	Winter SD - 5D/8Hr -1 1 Hol																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														</

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Activity ID	Activity Name	OD	Start	Finish	Calendar																			
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Stage 1 -WS Bridge Demolition																								
612631-WBD1100	Stage 1: Demolish southside of Westford Street Bridge (WSB) -deck and parapet	8	28-May-25	06-Jun-25	Winter SD - 5D/8Hr -1 1 Hol	Stage 1: Demolish southside of Westford Street Bridge (WSB) -deck and parapet																		
612631-WBD1110	Stage 1: Remove existing superstructure southside girders -Westford Street Bridge	5	09-Jun-25	13-Jun-25	Winter SD - 5D/8Hr -1 1 Hol	Stage 1: Remove existing superstructure southside girders -Westford Street Bridge																		
612631-WBD1120	Stage 1: Demolish piers and abutments -WSB	15	16-Jun-25	08-Jul-25	Winter SD - 5D/8Hr -1 1 Hol	Stage 1: Demolish piers and abutments -WSB																		
612631-WBD1130	Stage 1: Demolish existing footing -WSB	10	09-Jul-25	22-Jul-25	Winter SD - 5D/8Hr -1 1 Hol	Stage 1: Demolish existing footing -WSB																		
Stage 1 -WS Bridge Footing & Substructure																								
612631-WBF1100	Stage 1: Excavate and Grade for Westford Street Bridge Footings	6	23-Jul-25	30-Jul-25	5D/8Hr -1 1 Hol	Stage 1: Excavate and Grade for Westford Street Bridge Footings																		
612631-WBF1110	Stage 1: Place gravel borrow, compact & grade for footings -WSB	4	31-Jul-25	05-Aug-25	Winter SD - 5D/8Hr -1 1 Hol	Stage 1: Place gravel borrow, compact & grade for footings -WSB																		
612631-WBF1115	Stage 1: Form, install rebar, and place concrete for the phase 1 WS Footings (3)	9	06-Aug-25	18-Aug-25	5D/8Hr -1 1 Hol	Stage 1: Form, install rebar, and place concrete for the phase 1 WS Footings (3)																		
612631-WBF1120	Stage 1: Cure footings WSB	3	19-Aug-25	21-Aug-25	7D/8Hr -No Hol (MS Cal)	Stage 1: Cure footings WSB																		
612631-WBF1125	Stage 1: Form, rebar, & place concrete -Bridge seat & wingwalls -WSB North Abutment	5	19-Aug-25	25-Aug-25	5D/8Hr -1 1 Hol	Stage 1: Form, rebar, & place concrete -Bridge seat & wingwalls -WSB North Abutment																		
612631-WBF1130	Stage 1: Form, rebar, & place concrete -Bridge seat & wingalls -WSB South Abutment	5	26-Aug-25	02-Sep-25	5D/8Hr -1 1 Hol	Stage 1: Form, rebar, & place concrete -Bridge seat & wingalls -WSB South Abutment																		
612631-WBF1150	Stage 1: Cure WSB Abutment Bridge Seat & Wingwalls	3	03-Sep-25	05-Sep-25	7D/8Hr -No Hol (MS Cal)	Stage 1: Cure WSB Abutment Bridge Seat & Wingwalls																		
612631-WBF1160	Stage 1: Form, rebar, & place concrete -Backwall and pedestals (if any) WSB North Abutment	4	03-Sep-25	08-Sep-25	5D/8Hr -1 1 Hol	Stage 1: Form, rebar, & place concrete -Backwall and pedestals (if any) WSB North Abutment																		
612631-WBF1135	Stage 1: Form, rebar, & place concrete -Pier Stem Wall -WSB Center Pier	7	03-Sep-25	11-Sep-25	5D/8Hr -1 1 Hol	Stage 1: Form, rebar, & place concrete -Pier Stem Wall -WSB Center Pier																		
612631-WBF1165	Stage 1: Form, rebar, & place concrete -Backwall and pedestals (if any) WSB South Abutment	4	09-Sep-25	12-Sep-25	5D/8Hr -1 1 Hol	Stage 1: Form, rebar, & place concrete -Backwall and pedestals (if any) WSB South Abutment																		
612631-WBF1140	Stage 1:Cure Pier -WSB	3	12-Sep-25	14-Sep-25	7D/8Hr -No Hol (MS Cal)	Stage 1: Cure Pier -WSB																		
612631-WBF1175	Stage 1: Cure Backwalls WSB	7	13-Sep-25	19-Sep-25	7D/8Hr -No Hol (MS Cal)	Stage 1: Cure Backwalls WSB																		
612631-WBF1180	Stage 1: Form, install rebar & place concrete for bridge pedestals -WSB	3	15-Sep-25	17-Sep-25	Winter SD - 5D/8Hr -1 1 Hol	Stage 1: Form, install rebar & place concrete for bridge pedestals -WSB																		
612631-WBF1190	Stage 1: Cure pedestals WSB	7	18-Sep-25	26-Sep-25	5D/8Hr -1 1 Hol	Stage 1: Cure pedestals WSB																		
612631-WBF1195	Stage 1 -Ins tall Westford Street Bearings	3	22-Oct-25	24-Oct-25	Winter SD - 5D/8Hr -1 1 Hol	Stage 1 -Ins tall Westford Street Bearings																		
Stage 1 -WS Bridge Superstructure																								
612631-WSS1100	Stage 1: Install girders, diaphragms, and tighten bolts -WSB	10	29-Jan-26	11-Feb-26	5D/8Hr -1 1 Hol	Stage 1: Install girders, diaphragms, and tighten bolts -WSB																		
612631-WSS1105	Stage 1: Install utility conduits supports -WSB	3	12-Feb-26	17-Feb-26	5D/8Hr -1 1 Hol	Stage 1: Install utility conduits supports -WSB																		
612631-WSS1110	Stage 1: Install a 6 x 5" electric, 4x 4" verizon, 2.5" & 1 unknown fiber (BO) -WSB	10	18-Feb-26	03-Mar-26	5D/8Hr -1 1 Hol	Stage 1: Install a 6 x 5" electric, 4x 4" verizon, 2.5" & 1 unknown fiber (BO) -WSB																		
612631-WSS1115	Stage 1: Install a 6" DIP waterline across the bridge -Contract work -WSB	2	04-Mar-26	05-Mar-26	5D/8Hr -1 1 Hol	Stage 1: Install a 6" DIP waterline across the bridge -Contract work -WSB																		
612631-WSS1125	Stage 1: Install stay-in-place forms & overhangs, shoot shear studs for bridge deck -WSB	10	16-Mar-26	27-Mar-26	Winter SD - 5D/8Hr -1 1 Hol	Stage 1: Install stay-in-place forms & overhangs, shoot shear studs for bridge deck -WSB																		
612631-WSS1130	Stage 1: Install bridge deck rebar and install edge form and bulkheads -WSB	7	30-Mar-26	07-Apr-26	5D/8Hr -1 1 Hol	Stage 1: Install bridge deck rebar and install edge form and bulkheads -WSB																		
612631-WSS1135	Stage 1: Install bridge deck finish machine and place bridge deck concrete -WSB	3	08-Apr-26	10-Apr-26	5D/8Hr -1 1 Hol	Stage 1: Install bridge deck finish machine and place bridge deck concrete -WSB																		
612631-WSS1140	Stage 1: Cure bridge deck -WSB	14	11-Apr-26	24-Apr-26	7D/8Hr -No Hol (MS Cal)	Stage 1: Cure bridge deck -WSB																		
612631-WSS1145	Stage 1: Form, install rebar, and place concrete the bridge's sidewalk -WSB	7	16-Apr-26	27-Apr-26	5D/8Hr -1 1 Hol	Stage 1: Form, install rebar, and place concrete the bridge's sidewalk -WSB																		
612631-WSS1150	Stage 1: Cure superstructure sidewalk WSB	3	28-Apr-26	30-Apr-26	7D/8Hr -No Hol (MS Cal)	Stage 1: Cure superstructure sidewalk WSB																		
612631-WSS1155	Stage 1: Form (southside) parapet, install rebar, & place concrete WSB	4	28-Apr-26	01-May-26	5D/8Hr -1 1 Hol	Stage 1: Form (southside) parapet, install rebar, & place concrete WSB																		
612631-WSS1160	Stage 1: Cure Parapet -WSB	7	02-May-26	08-May-26	7D/8Hr -No Hol (MS Cal)	Stage 1: Cure Parapet -WSB																		
612631-WSS1170	Stage 1: Install Bridge Rail and / or Bridge Screening WSB	6	11-May-26	18-May-26	5D/8Hr -1 1 Hol	Stage 1: Install Bridge Rail and / or Bridge Screening WSB																		
Stage 1 -WS Roadway																								
612631-WSRPre100	Pre Stg 1: Crossover (both ends) SB lane -electric duct bank (BO)	5	20-Mar-25	26-Mar-25	5D/8Hr -1 1 Hol	Pre Stg 1: Crossover (both ends) SB lane -electric duct bank (BO)																		
Remaining Level of Effort Actual Level of Effort Actual Work Remaining Work Critical Remaining Work		Layout = CST01-Baseline-All, Filter = TASK filter: All Activities Data Date = 09-Sep-23, Run Date = 19-Dec-23, 09:11 Project Start = 09-Sep-23 Project Finish = 07-Sep-27			Date	Revision	Checked	Approved	Prepared by MassDOT Highway								Page 14 of 16							

Project Name: 612631 - Chelmsford: Bridge Replacements Gorham St Westford St over 1-495 25% plans, DB DD Revised, Project ID 612631 CTD01			CST01-Baseline-All				MassDOT: Highway																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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