

# TECHNICAL PROPOSAL

Submitted To:



## Design-Build Services for I-85 Widening Phase III, from US 129 to US 441 P.I. No. 0015245 Jackson and Banks Counties, GA



Submitted By:



*in  
association  
with*



June 17, 2021



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### SCHEDULE AND SCHEDULE RELATED ATTACHMENTS

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Attachment 2 – Proposal Schedule .....	n/a



## C.1 TECHNICAL PROPOSAL

### C.1.1. Construction Staging and Traffic Management Narrative

#### C.1.1. (a) Construction Phasing Approach

C.W. Matthews Contracting Co., Inc., and Infrastructure Consulting Engineering, PLLC (CWM/ICE Team) developed a preliminary Construction Staging and Traffic Control Plan focused on the safe passage of motorist through the work zone while staging construction in an efficient manner to meet contract milestones. The CWM/ICE Team has many years of collaborative experience in providing technical solutions for projects on the I-85 corridor and immediately after release of the RFP involved the Project Development Team in developing mitigation strategies to address the following project challenges:

PROJECT CHALLENGES		
#	SIGNIFICANT KNOWN AND ANTICIPATED PROJECT CHALLENGES	ADDRESSING THE CHALLENGE
1	<b>Multiple traffic shifts associated with bridge construction.</b>	Staging for the North Oconee and Ridgeway Church Road Bridges as shown in the costing plans indicated three major stages of construction involving shifting of traffic five times. The CWM/ICE Team developed a revised staging plan with two stages of construction only shifting traffic three times reducing driver confusion and eliminating two traffic shifts and the associated resigning, restriping and repaving operations, while providing a safer work zone.
2	<b>Efficient phasing for schedule compliance</b>	The allowable 1095 contract days to achieve substantial completion for design, permitting and construction is an aggressive schedule for completing almost 13 miles of multi-lane interstate widening. The CWM/ICE Team developed a schedule, logistical plan and phasing approach to the project, with a commitment of resources allowing multiple production crews to efficiently work concurrently in several areas. The optimization of the bridge plans to eliminate a major stage of construction significantly reduces the number of bridge construction shifts. This schedule and phasing approach ensures on time performance.

The CWM/ICE Team's approach to the construction phasing plan is based on dividing the project into seven segments consisting of six two-mile segments and then one .71-mile segment at the northern end of the project. This segmentation provides multiple work areas while operating within the allowable shoulder closure length and duration constraints. The construction activities in each segment described below, are relatively consistent except in Segments 4 and 6, which include the bridge demolition and replacement activities. The CWM/ICE Team's goal is to work initially in Segments 2,4 and 6 with crews working on the interior widening in three segments. Once the widening in these segments is complete, the CWM/ICE Team will begin the interior widening of Segments 1,3,5 and 7 with additional crews working on the outside shoulders in the previously widened segments, utilizing the extensive local resources of the CWM/ICE Team. In addition to the segmental approach, there will be specific project-wide activities, such as ITS installation and cross slope correction. The planning for construction staging placed emphasis on careful analysis of the scope to avoid conflicts: such as, pavement transitions, lane shifts and drainage from stage to stage. The detailed Construction Phasing and Staging Plan, aligned with the project schedule and coordinated with the Traffic Control plan will be based on the phasing described below:

#### Project- Wide Activities

1. Installation of advance warning signs and traffic control devices
2. Mitigation of utility conflicts
3. ITS infrastructure installation
4. Mill and Inlay / Cross slope correction on existing lanes
5. Shift Traffic to the outside - northbound and southbound / reduce lane widths to 11'



## Typical Segment Phasing

1. Install temporary barrier wall along inside of existing lane 1 North and Southbound.
2. Rough grade median and install drainage.
3. Fine grade subgrade and place and compact both lifts of GAB.
4. Install footing for median barrier wall.
5. Pave 25mm on the new shoulder and inside lanes.
6. Slip-form median barrier wall.
7. Pave 19mm on the new shoulder and inside lanes.
8. Pave 12.5mm on the new shoulder and inside lanes.
9. Shift traffic to the new alignment.
10. Perform outside shoulder grading.
11. Pave Lane 3 and outside shoulders and install grassing and guardrail.
12. Install OGFC and temporary pavement markings.
13. Install permanent pavement markings and open Lane 3.

### **C.1.1. (b) Approach to Minimizing Impacts and User Distraction**

Due to the number of traffic shifts required to accomplish the project's scope of work, including staged bridge construction and traffic shifts within phasing segments to facilitate concurrent construction, effective notification, and outreach to the traveling public, first responders, and a robust Traffic Management Plan will be critical to the success of the project. The CWM/ICE team's goal will be to construct as much of the project as possible during off-peak hours utilizing the allowable lane and shoulder closures.

The CWM Team's approach to traffic management includes:

- ***Traffic Management Project Development Group (PDG)***. This step began early in the procurement and will continue after NTP 1 with inclusion of GDOT for developing the project-specific framework for the TMP and specific solutions for the TCP.
- ***Development of the Traffic Management Plan (TMP)*** The TMP will outline the procedures for public notification, governmental entity coordination, installation and maintenance of traffic control devices, procedures for incident management and response.
- ***Development of a Temporary Traffic Control Plan (TTCP) for each phase of construction***. These detailed plans identifying the planned staging, opening, and modifications to temporary and permanent traffic control devices will be developed in accordance with the MUTCD, AASHTO's Roadside Design Guide, GDOT Special Provision 150 – Traffic Control and the Technical Provisions.
- ***Development of a GDOT-DB Team Public Information and Communications Plan***. This plan will be in conformance with GDOT's Public Involvement Plan and supplement GDOT's public outreach program developing specific strategies for outreach to user's groups, media, and governmental entities and third parties for early notification of changing traffic movements, through public information and involvement activities.

The primary objective of the CWM/ICE Team's construction sequencing will be to safely move the traveling public through the Project with minimal delays. The Construction Phasing & Staging Plan will meet this objective and will also address specific project challenges such as:

- Limited lane closures time durations and limited shoulder closure distances
- Alignment shifts of traffic to new lanes.
- Temporary traffic control for bridge demolition and beam erection.
- Ingress and egress points for construction activities minimizing the impact to motorists, businesses, and residents in the project corridor.





During the construction phase, the CWM/ICE team will maintain the project in accordance with the Maintenance Management Plan with appropriate resources to ensure that pavement, signs, and striping are maintained to a level providing the traveling public safe passage through the project limits. Conflicts at transition points where vehicles and trucks interact will be minimized by strategically planning access points with clear signing of these locations including CMS signs advising drivers of trucks entering and exiting the travel lanes. Entrance and exit points to the work areas will be protected with impact attenuators and constructed with an aggregate surface to assist trucks in maintaining speed. The CWM/ICE Team will develop optimized temporary profiles and alignments to provide smooth and consistent transitions between temporary and existing and/or permanent pavement, while designing traffic shifts to allow for the maximum practical lane and shoulder widths.

**C.1.1. (c) Project Differences from Reference Information Documents (RID's)** - The CWM Team does not propose to design and construct P.I. No. 0015245 materially different from the Reference Information Documents. Bridge plans have been optimized to reduce the number of construction stages.

**C.1.2. Project Management Approach:** The CWM/ICE Team's approach to management of the I-85 Widening Phase III Project will be guided by the Project Management Plan (PMP) and "lessons learned" from the team's 15 years of teaming on GDOT design-build projects. These many years of CWM/ICE collaboration resulting in the successful delivery of GDOT design-build projects provides the framework for a seamless transition through each phase of the project integrating team members into the D/B delivery process as appropriate. Even though CWM and ICE have never had a dispute during project execution, our dispute resolution process and contract agreements are structured to provide for the continuation of the work in the event of a dispute.

Kyle Marchman, PE, Lead Contractor Project Manager, Tyler McIntosh, PE, the Lead Design Consultant Project Manager and Dennis Garber, PE, Quality Control Manager will guide the CWM Team and utilize the PMP to address design and construction in an integrated manner from NTP1 through Final Acceptance. Mr. Marchman has been involved in numerous Design-Build projects and has the authority and understands the importance of making decisions quickly as needed. He also has the authority to employ internal or external resources as needed to meet the contract goals and expectations.

Mr. McIntosh's role as Lead Designer and Engineer of Record gives us continuity and a unified flow of project-specific knowledge between GDOT project management, the design team, the construction team, and quality assurance/quality control team.

Past success has shown us early and effective communication and transparency among all stakeholders promotes sharing of information that results in a cohesive design and construction plan. The CWM Team supports the Project Meetings as outlined in the contract Project Management requirements. In addition to the regularly scheduled meetings, an effective communication plan among the CWM Team and GDOT is essential in maintaining design consistency, quality, and schedule.

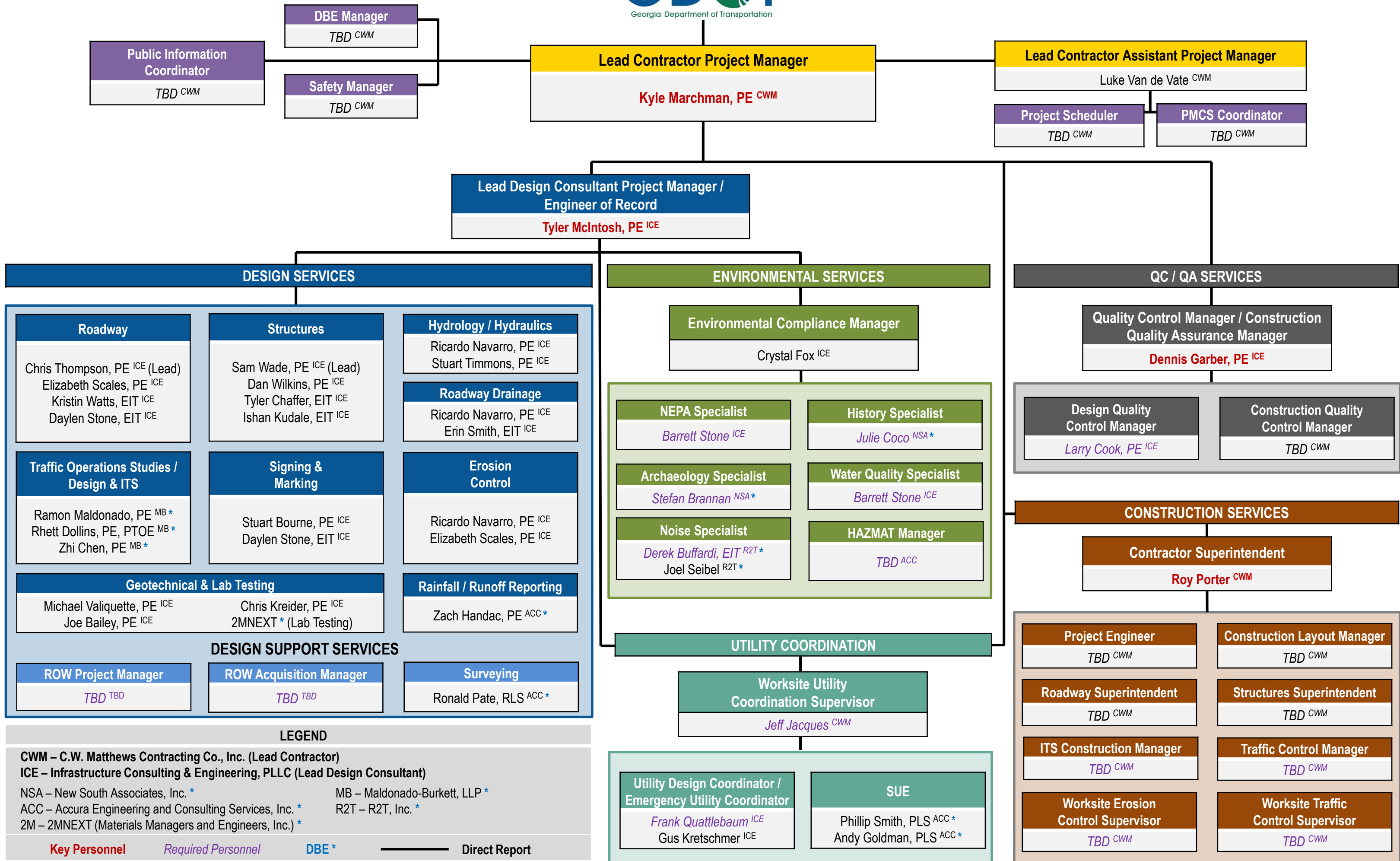
### **C.1.3. Proposal Schedule and Form M**

Form M, certifying the CWM/ICE Team's commitment to the NTP2 Conditions Deadline, Substantial Completion Deadline and Final Acceptance Deadline is included as part of the schedule attachments.

The CWM/ICE Team's Proposal Schedule is provided in the schedule attachments.

**C.2 Project Differences from Reference Information Documents (RID's)** – This information is included in C.1.1. (c)

## C.1.2 Organization Chart



## C.1.3. Schedule and Schedule Related Attachments





**FORM M**

**SUBSTANTIAL COMPLETION AND FINAL ACCEPTANCE DEADLINES COMMITMENT**

The Proposer shall commit to the Substantial Completion Deadline and Final Acceptance Deadline listed below.

**Required fields are identified with an asterisk (\*).**

Table M-1: Milestone Deadlines

Milestone Deadlines	Duration
*NTP2 Conditions Deadline	Not later than 90 days after the date GDOT issues NTP1
*Substantial Completion Deadline	No later than 1095 Days after NTP 1
*Final Acceptance Deadline	No later than 180 Days after Substantial Completion

Date: June 17, 2021

Proposer: C. W. Matthews Contracting Co., Inc.

Signature:  Daniel P Garcia

Title: President

I-85 Widening Phase III Proposal Schedule Project No. PI: 0015245		I-85 Phase III Proposal Schedule					C.W. Matthews Contracting Project Substantial Completion Date: 09/21/2024																					
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Free Float	Total Float	2021			2022				2023				2024				2025				2026		
							Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4			
I-85 Widening Phase III Proposal Schedule																												
Project Management																												
Project Milestones																												
Start Milestones																												
MS.1000	Notice to Proceed #1	0	23-Sep-2021		0	0																						
MS.1010	Notice to Proceed #2 - Conditions Deadline - (NTP1 + 90 Days)	0	11-Dec-2021		0	11																						
MS.1015	Notice to Proceed #3A- Early Works Package	0	06-Apr-2022		1	57																						
MS.1020	Notice to Proceed #3B - Non PermitAreas	0	17-Jul-2022		0	1																						
MS.1050	Notice to Proceed #3E - Ridgeway Church Bridge	0	26-Jul-2022		0	100																						
MS.1030	Notice to Proceed #3C - PermitAreas	0	20-Sep-2022		283	535																						
MS.1040	Notice to Proceed #3D - North Oconee River Bridge	0	20-Sep-2022		0	50																						
Finish Milestones																												
Substantial Completion																												
MS.1210	Forecasted Project Substantial Completion Date	0		21-Sep-2024	0	0																						
MS.1220	Project Substantial Completion Deadline (NTP1+1095 Days)	0		21-Sep-2024	0	0																						
Final Acceptance																												
MS.1230	Forecasted Final Acceptance Date	0		20-Mar-2025	0	0																						
MS.1240	Final Acceptance Deadline (Substantial Completion + 180 Days)	0		20-Mar-2025	0	0																						
Project Submittals																												
Project Management Plan																												
PMP Exectutive Summary																												
PM.1120	Prepare Project Management Plan	30	23-Sep-2021	22-Oct-2021	2	184																						
PM.1130	Project Management Plan - GDOT Review/Comment	10	25-Oct-2021	05-Nov-2021	0	130																						
PM.1140	Project Management Plan -Address GDOT Comments	10	06-Nov-2021	15-Nov-2021	0	184																						
PM.1150	Project Management Plan - GDOT Review/Acceptance	10	16-Nov-2021	29-Nov-2021	91	132																						
Organizational & Control Plans																												
Design-Builder's Organization Description																												
AM.1540	Prepare Design-Builder's Organization Description	15	23-Sep-2021	07-Oct-2021	0	40																						
AM.1550	Design-Builder's Organization Description - GDOT Review/Comment	10	08-Oct-2021	21-Oct-2021	0	28																						
AM.1560	Design-Builder's Organization Description -Address GDOT Comments	7	22-Oct-2021	28-Oct-2021	0	40																						
AM.1570	Design-Builder's Organization Description - GDOT Review/Acceptance	10	29-Oct-2021	11-Nov-2021	21	28																						
Team Communication Plan and Partnering Plan																												
AM.1040	Prepare Team Communication Plan	15	23-Sep-2021	07-Oct-2021	0	40																						
AM.1050	Team Communication Plan - GDOT Review/Comment	10	08-Oct-2021	21-Oct-2021	0	28																						
AM.1060	Team Communication Plan -Address GDOT Comments	7	22-Oct-2021	28-Oct-2021	0	40																						
AM.1070	Team Communication Plan - GDOT Review/Acceptance	10	29-Oct-2021	11-Nov-2021	21	28																						
DBE Performance Plan																												
AM.1580	Prepare DBE Performance Plan	15	23-Sep-2021	07-Oct-2021	0	14																						
AM.1590	DBE Performance Plan - GDOT Review/Comment	25	08-Oct-2021	11-Nov-2021	0	10																						
AM.1600	DBE Performance Plan -Address GDOT Comments	5	12-Nov-2021	16-Nov-2021	0	14																						
AM.1610	DBE Performance Plan - GDOT Review/Acceptance	15	17-Nov-2021	07-Dec-2021	3	10																						
OJT Plan																												
AM.1620	Prepare OJT Plan	10	23-Sep-2021	02-Oct-2021	1	12																						
AM.1630	OJT Plan - GDOT Review/Comment	30	04-Oct-2021	12-Nov-2021	0	9																						
AM.1640	OJT Plan -Address GDOT Comments	5	13-Nov-2021	17-Nov-2021	0	13																						

Remaining Level of Effort

Actual Level of Effort

Primary Baseline

Actual Work

Remaining Work

Critical Remaining Work

Baseline Miles...

Milestone

Summary

Page 1 of 30

CWM

CONTRACTING Co.

Remaining Level of Effort

Actual Work

Baseline Miles...

Actual Level of Effort

Remaining Work

Milestone

Primary Baseline

Critical Remaining Work

Summary







## I-85 Phase III Proposal Schedule

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## I-85 Phase III Proposal Schedule

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I-85 Widening Phase III Proposal Schedule Project No. PI: 0015245			I-85 Phase III Proposal Schedule					C.W. Matthews Contracting Project Substantial Completion Date: 09/21/2024																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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	BRDG.1050	Drill Caissons - Bent3 SB - North Oconee - Stage 2	20	17-Jan-2023	15-Feb-2023	0	37																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</





I-85 Widening Phase III Proposal Schedule Project No. PI: 0015245			I-85 Phase III Proposal Schedule					C.W. Matthews Contracting Project Substantial Completion Date: 09/21/2024																											
Activity ID		Activity Name		Original Duration	Early Start	Early Finish	Free Float	Total Float	2021			2022				2023				2024				2025				2026							
									Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4								
	BRDG.1570	Construct Bent 1 NB - North Oconee - Stage 4		7	29-Feb-2024	09-Mar-2024	0	3																											
	BRDG.1610	Cure Bent 1 NB - North Oconee - Stage 4		7	10-Mar-2024	16-Mar-2024	12	16																											
	BRDG.1580	Construct Bent 4 NB - North Oconee - Stage 4		7	11-Mar-2024	21-Mar-2024	0	3																											
	BRDG.1620	Cure Bent 4 NB - North Oconee - Stage 4		7	22-Mar-2024	28-Mar-2024	0	4																											
	Superstructure			129	13-Nov-2023	01-Jun-2024	0	18																											
	BRDG.1650	Grade for Crane Access - North Oconee - Stage 4		6	13-Nov-2023	21-Nov-2023	75	78																											
	BRDG.1840	Erect Beams - Span 2 NB - North Oconee - Stage 4		1	24-Feb-2024	24-Feb-2024	0	3																											
	BRDG.1660	Erect Beams - Span 1 NB - North Oconee - Stage 4		1	29-Mar-2024	29-Mar-2024	0	3																											
	BRDG.1670	Erect Beams - Span 3 NB - North Oconee - Stage 4		1	30-Mar-2024	30-Mar-2024	0	3																											
	BRDG.1700	Grade Beams - NB - North Oconee - Stage 4		3	01-Apr-2024	03-Apr-2024	0	3																											
	BRDG.1860	Construct Subdeck - I-85 NB - North Oconee - Stage 4		20	04-Apr-2024	01-May-2024	0	3																											
	BRDG.1870	Construct Deck - I-85 NB - North Oconee - Stage 4		20	02-May-2024	29-May-2024	0	3																											
	BRDG.1880	Construct Approach Slabs - I-85 NB - North Oconee - Stage 4		4	02-May-2024	06-May-2024	0	18																											
	BRDG.1890	Construct Bridge Barrier - I-85 NB - North Oconee - Stage 4		2	07-May-2024	09-May-2024	0	18																											
	BRDG.1900	Remove Overhangs - I-85 NB - North Oconee - Stage 4		8	10-May-2024	20-May-2024	0	18																											
	BRDG.1910	Profilograph - I-85 NB - North Oconee - Stage 4		1	21-May-2024	21-May-2024	0	18																											
	BRDG.1920	Grind and Groove Deck - I-85 NB - North Oconee - Stage 4		3	22-May-2024	24-May-2024	0	18																											
	BRDG.1930	Seal Joints and Clean Up - I-85 NB - North Oconee - Stage 4		5	28-May-2024	01-Jun-2024	15	18																											
	I-85 SB			300	29-Sep-2023	24-Jul-2024	0	59																											
	Guard Rail			167	29-Sep-2023	11-Jul-2024	0	3																											
	CPM.3220	Remove Guardrail - Segment 4 - I-85 SB - Stage 4		4	29-Sep-2023	03-Oct-2023	0	155																											
	CPM.3230	Grade New Shoulder Break - Segment 4 - I-85 SB - Stage 4		3	07-Oct-2023	10-Oct-2023	5	155																											
	CPM.3240	Install New Guardrail - Segment 4 - I-85 SB - Stage 4		6	01-Jul-2024	11-Jul-2024	3	3																											
	Signs			3	05-Oct-2023	07-Oct-2023	0	157																											
	CPM.3250	Install Overhead Sign Foundations - Segment 4 - I-85 SB - Stage 4		2	05-Oct-2023	06-Oct-2023	0	155																											
	CPM.3260	Install Overhead Sign Structures - Segment 4 - I-85 SB - Stage 4		1	07-Oct-2023	07-Oct-2023	154	157																											
	ITS			19	19-Oct-2023	17-Nov-2023	0	185																											
	Fiber Optic Trunk Line			12	19-Oct-2023	06-Nov-2023	0	185																											
	CPM.3270	Install Fiber Optic Trunk Line - Segment 4 - I-85 SB - Stage 4		12	19-Oct-2023	06-Nov-2023	0	185																											
	Electrical			12	19-Oct-2023	06-Nov-2023	0	185																											
	CPM.3280	Install Electrical Duct Bank - Segment 4 - I-85 SB - Stage 4		12	19-Oct-2023	06-Nov-2023	0	185																											
	Structures			6	07-Nov-2023	16-Nov-2023	0	185																											
	CPM.3290	Install ITS Structures - Segment 4 - I-85 SB - Stage 4		6	07-Nov-2023	16-Nov-2023	0	185																											
	Cabinets and Devices			1	17-Nov-2023	17-Nov-2023	0	185																											
	CPM.3300	Install ITS Cabinets and Devices - Segment 4 - I-85 SB - Stage 4		1	17-Nov-2023	17-Nov-2023	185	185																											
	Bridges			247	21-Nov-2023	24-Jul-2024	0	44																											
	Foundations			78	21-Nov-2023	30-Mar-2024	0	11																											
	BRDG.1730	Drill Caissons - Bent 2 SB - North Oconee - Stage 4		20	21-Nov-2023	08-Jan-2024	0	3																											
	BRDG.1750	Drill Caissons - Bent 3 SB - North Oconee - Stage 4		20	05-Feb-2024	05-Mar-2024	0	7																											
	BRDG.1550	Excavate/Drive H-Pile - Bent 1 SB - North Oconee - Stage 4		3	25-Mar-2024	27-Mar-2024	0	8																											
	BRDG.1560	Excavate/Drive H-Pile - Bent 4 SB - North Oconee - Stage 4		3	28-Mar-2024	30-Mar-2024	3	11																											
	Substructure			101	09-Jan-2024	18-Apr-2024	0	13																											
	BRDG.1770	Construct Bent 2 SB - North Oconee - Stage 4		7	09-Jan-2024	18-Jan-2024	0	16																											
	BRDG.1810	Cure Bent 2 SB - North Oconee - Stage 4		7	19-Jan-2024	25-Jan-2024	57	67																											
	BRDG.1790	Construct Bent 3 SB - North Oconee - Stage 4		6	07-Mar-2024	15-Mar-2024	0	7																											
	BRDG.1830	Cure Bent 3 SB - North Oconee - Stage 4		7	16-Mar-2024	22-Mar-2024	0	10																											
<div><div></div> Remaining Level of Effort</div> <div><div></div> Actual Level of Effort</div> <div><div></div> Primary Baseline</div>				<div><div></div> Actual Work</div> <div><div></div> Remaining Work</div> <div><div></div> Critical Remaining Work</div>				<div><div></div> Baseline Miles...</div> <div><div></div> Milestone</div> <div><div></div> Summary</div>				Page 20 of 30													<div><div></div> CWM</div> <div>CONTRACTING Co.</div>										



## I-85 Phase III Proposal Schedule

Activity ID		Activity Name	Original Duration	Early Start	Early Finish	Free Float	Total Float	2021			2022			2023			2024			2025			2026		
								Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
Segment 4 - STA 730+00 to STA 836+00	BRDG.1590	Construct Bent 1 SB - North Oconee - Stage 4	6	28-Mar-2024	03-Apr-2024	0	8																		
	BRDG.1600	Construct Bent 4 SB - North Oconee - Stage 4	6	04-Apr-2024	11-Apr-2024	0	8																		
	BRDG.1630	Cure Bent 1 SB - North Oconee - Stage 4	7	04-Apr-2024	10-Apr-2024	8	21																		
	BRDG.1640	Cure Bent 4 SB - North Oconee - Stage 4	7	12-Apr-2024	18-Apr-2024	0	13																		
	Superstructure		91	23-Mar-2024	24-Jul-2024	0	34																		
	BRDG.1850	Erect Beams - Span 2 SB - North Oconee - Stage 4	1	23-Mar-2024	23-Mar-2024	0	8																		
	BRDG.1680	Erect Beams - Span 1 SB - North Oconee - Stage 4	1	19-Apr-2024	19-Apr-2024	0	10																		
	BRDG.1690	Erect Beams - Span 3 SB - North Oconee - Stage 4	1	20-Apr-2024	20-Apr-2024	0	10																		
	BRDG.1710	Grade Beams - SB - North Oconee - Stage 4	3	22-Apr-2024	25-Apr-2024	5	10																		
	BRDG.1940	Construct Subdeck - I-85 SB - North Oconee - Stage 4	18	02-May-2024	24-May-2024	2	5																		
	BRDG.1950	Construct Deck - I-85 SB - North Oconee - Stage 4	18	30-May-2024	22-Jun-2024	0	3																		
	BRDG.1960	Construct Approach Slabs - I-85 SB - North Oconee - Stage 4	4	24-Jun-2024	27-Jun-2024	0	3																		
	BRDG.1970	Construct Bridge Barrier - I-85 SB - North Oconee - Stage 4	2	28-Jun-2024	29-Jun-2024	0	3																		
	BRDG.1980	Remove Overhangs - I-85 SB - North Oconee - Stage 4	8	01-Jul-2024	12-Jul-2024	0	34																		
	BRDG.1990	Profilograph - I-85 SB - North Oconee - Stage 4	1	13-Jul-2024	13-Jul-2024	0	34																		
	BRDG.2000	Grind and Groove Deck - I-85 SB - North Oconee - Stage 4	3	15-Jul-2024	18-Jul-2024	0	34																		
	BRDG.2010	Seal Joints and Clean Up - I-85 SB - North Oconee - Stage 4	5	19-Jul-2024	24-Jul-2024	34	34																		
	Segment 5 - STA 730+40 to STA 836+00			176	24-Feb-2023	17-Nov-2023	0	185																	
	Stage 2 - Inside Widening			137	24-Feb-2023	18-Sep-2023	0	2																	
Traffic Control			18	24-Feb-2023	27-Mar-2023	0	3																		
CPM.3430	Set Temporary Barrier Wall at Left EOP - Segment 5 - I-85NB - Stage 2	3	24-Feb-2023	02-Mar-2023	0	0																			
CPM.5590	Set Temporary Barrier Wall at Left EOP - Segment 5 - I-85SB - Stage 2	3	23-Mar-2023	27-Mar-2023	3	3																			
Grading			62	03-Mar-2023	05-Jun-2023	0	2																		
Rough Grade			47	03-Mar-2023	13-May-2023	0	2																		
CPM.3440	Remove Cable Barrier - Segment 5 - I-85NB/SB - Stage 2	8	03-Mar-2023	16-Mar-2023	0	0																			
CPM.3450	Remove Top Soil - Segment 5 - I-85NB/SB - Stage 2	10	17-Mar-2023	03-Apr-2023	0	0																			
CPM.3460	Rough Grade to Subgrade - Segment 5 - I-85 NB - Stage 2	14	04-Apr-2023	22-Apr-2023	0	0																			
CPM.3470	Rough Grade to Subgrade - Segment 5 - I-85 SB - Stage 2	15	24-Apr-2023	13-May-2023	0	2																			
Fine Grade			30	24-Apr-2023	05-Jun-2023	0	2																		
CPM.3500	Fine Grade - Segment 5 - I-85 NB - Stage 2	14	24-Apr-2023	12-May-2023	0	0																			
CPM.3510	Fine Grade - Segment 5 - I-85 SB - Stage 2	15	15-May-2023	05-Jun-2023	2	2																			
Drainage			14	04-Apr-2023	22-Apr-2023	0	0																		
CPM.3480	Install Storm Drain - L-Series - Segment 5 - I-85 NB/SB - Stage 2	6	04-Apr-2023	11-Apr-2023	0	0																			
CPM.3490	Install Storm Drain Structures - L-1 to L-7 - Segment 5 - I-85 NB/SB - Stage 2	6	13-Apr-2023	20-Apr-2023	0	0																			
CPM.5350	Install Storm Drain - M-Series - Segment 5 - I-85 NB/SB - Stage 2	2	13-Apr-2023	14-Apr-2023	4	4																			
CPM.5360	Install Storm Drain Structures - M-1 to M-3 - Segment 5 - I-85 NB/SB - Stage 2	2	21-Apr-2023	22-Apr-2023	0	0																			
Signs			6	15-May-2023	23-May-2023	0	35																		
Foundations			6	15-May-2023	23-May-2023	0	35																		
CPM.3560	Construct Median Sign Foundations - Segment 5 - I-85 NB/SB - Stage 2	6	15-May-2023	23-May-2023	35	35																			
Barrier Wall			47	08-Jul-2023	11-Sep-2023	0	0																		
CPM.3520	Fine Grade Barrier Wall Pad - Segment 5 - I-85 NB/SB - Stage 2	6	08-Jul-2023	14-Jul-2023	0	0																			
CPM.3530	Pour Barrier Wall Footings - Segment 5 - I-85 NB/SB - Stage 2	10	15-Jul-2023	27-Jul-2023	0	0																			
CPM.3540	Slip Barrier Wall - Segment 5 - I-85 NB/SB - Stage 2	25	28-Jul-2023	01-Sep-2023	0	0																			
CPM.3550	Pour Barrier Wall Transitions - Segment 5 - I-85 NB/SB - Stage 2	6	05-Sep-2023	11-Sep-2023	0	0																			
Base and Paving			88	13-May-2023	18-Sep-2023	0	2																		
GAB			51	13-May-2023	26-Jul-2023	0	18																		





## I-85 Phase III Proposal Schedule

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## I-85 Phase III Proposal Schedule

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I-85 Widening Phase III Proposal Schedule Project No. PI: 0015245			I-85 Phase III Proposal Schedule							C.W. Matthews Contracting Project Substantial Completion Date: 09/21/2024																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Activity ID	Activity Name	Original Duration	Early Start	Early Finish	Free Float	Total Float	2021			2022				2023				2024				2025				2026																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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CPM.4500	Install ITS Cabinets and Devices - Segment6 - I-85 SB - Stage 4	1	20-Nov-2023	20-Nov-2023	183	183																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													







## I-85 Phase III Proposal Schedule

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Submitted By:



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association  
with*

