Technical Proposal

for the

GDOT FY 23 Interstate ITS and CV Implementation Project

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Prepared and Submitted by

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C.1.1 Construction Staging and Traffic Management Narrative

Our approach to the construction phase of this project focuses on three major priority elements of work: the Atlanta core, statewide, and device sites. We consider the Atlanta core work element to be all the underground infrastructure and fiber work between Hub U and Hub P, within Segment 3. The statewide work element is all the underground infrastructure and fiber work outside of the Atlanta core (Segments 1 and 2). The device site work element is construction of all the new RSU and ITS device sites, including poles, cabinets, and devices.

We have broken the project into these phases for a few reasons: timeframe/schedule, logical flow of work, and in consideration of the three Segments for maintenance turnovers. Given the potential that the Atlanta core section will take as long to build as all the other segments combined, that segment has been given priority and will need to start immediately upon NTP 3. This section is the most challenging, complicated, and resource-intensive operation on the entire project, and we will assign a construction team to focus solely on that segment.

The statewide segment lends itself well to high-production work and is free of many of the problems and challenges that the Atlanta core presents. This segment will be broken into sub-segments in both design and construction packages. The goal will be to work continuous segments from one end of the limits to the other and will have a construction team solely dedicated to this work.

The device sites are essentially stand-alone spot construction, at least until the trunk fiber construction reaches them. Initial work of pole installation, power services, and some device installation can begin at any time once plans have been approved, so this work can be almost fully completed independent of the fiber trunk construction. Because this work is also different from the duct and fiber work, a separate team can be assigned to this element.

The most significant Project challenges are schedule, building through Atlanta, and the geographic scope of the project. The timeframe provided to complete this project is aggressive, and to meet this schedule we will break the entire project down into smaller segment packages for design and construction. This will allow work to begin as soon as possible while design proceeds on subsequent segments. The priority will be to get the Atlanta core and at least one statewide segment into construction quickly, to provide as much time as possible for the expected low production rates through Atlanta while having higher production in the less congested statewide areas. Additional mitigations to the schedule challenge will be utilizing multiple crews to have as much work progressing simultaneously as allowable, and using innovative products and methods through the design-build process that increase the efficiency of construction.

Building through the Atlanta core, as previously discussed, is expected to be a challenging and time-consuming process. Even using micro trenching methods, the amount of in-pavement trenching, bridge transitions and crossings, ramps, limited ROW, and congested work area make this an incredibly difficult section to construct. The only real mitigation for this is to resource-load this segment heavily and start the work as soon as possible to provide as much contract time as possible to complete. Lastly, the statewide reach of this project is a challenge when crews could be over 100 miles apart at times. Our plan is to place staging yards roughly every 40 miles while construction is ongoing in an area to provide a base of operations for crews, material, and equipment. Building the project logically from one end to another, instead of skipping around, will also ease the challenges of having crews spread out across a 300-mile project.

In terms of traffic management, this project presents minor challenges for traffic control. We anticipate no lane or traffic shifts, so all work will be done via temporary lane and shoulder closures. Much of the work in the statewide segment can be done off the shoulder with no impacts to the traveling public. Where necessary, lane and shoulder closures will be used per the requirements and restrictions in the contract.

While impacts to traffic through lane and shoulder closures on this project should be relatively minor, they

are still impacts, and we will strive to keep impacts to the traveling and general public to a minimum. Building the project in a linear fashion will keep us moving along the project alignment, and that gives the general public a feel of progress when crews aren't sitting in the same spot for 6 months. Our staging areas will all be on the right-of-way and therefore not impact private property or recreational areas. And with most of the statewide segments, once work is done in an area, the associated staging yard will be removed and the area restored. All traffic control, work site protection, and related protections will be used per the requirements of the contract and construction best practices.

Our proposed design and construction does not materially differ from the design indicated in the RID's.

C.1.2 Project Management Approach

The size and scope of this project requires an experienced and cohesive management team to achieve success. As evidenced in our Statement of Qualifications, our management, design, and construction team's experience as it relates to the requirements of this project is unmatched. Our overall approach to managing the project, both in design and construction, is to be right-sized. Meaning that the desired outcome of the project drives the level of management and supervision. We will avoid adding unnecessary layers of management and supervision that would only slow down the efforts to achieve the desired outcome – successful timely delivery of this project. Our management team is experienced, nimble, and empowered with decision-making authority to be able to quickly resolve issues and keep the project moving forward. Because of the aggressive schedule for this project, it will be imperative that both the Design-Builder and GDOT sides work together as a team to move the project forward. Unnecessary delays in approvals, or time-consuming processes that have no benefit to the project, must be avoided in order to keep this project moving forward. Our management team has years of experience both working in the GDOT Design-Build space and working directly with many of the proposed GDOT staff on this project, and through a cooperative and one-team approach, success can be achieved. One of many tools in our "approach toolbox" is using over-the-shoulder reviews to work through design and construction challenges and come up with an acceptable solution to hopefully avoid a protracted back and forth of "revise and resubmit".

C.1.3 Proposal Schedule

Proposal Schedule Narrative

Please refer to Appendix A for the full Proposal Schedule that accompanies this narrative.

Resource and Staffing Levels

The project has been broken into three Segments, matching the maintenance acceptance Segments identified in the Technical Provisions. Within these segments, sub-segments have been added for north, central, and south sectors within the segment. These sectors are what the entire project approach is based on, and represent approximately 40 mile (give or take) sections of continuous roadway. Each sector will be its own D&C package, allowing for a phased design moving into phased construction. This phased approach to design and partial-NTP's is the only way the project can be completed in the timeframe given. As one sector is designed and RFC'd, it will go to construction while subsequent sectors are designed. Using this approach provides the earliest start date for construction to begin.

In addition to these sectors, a Project-Wide Design package is planned, with railroad and bridge design being performed under this package. This package turns into a "holdout package" during construction. The purpose of this package is to separate longer-lead design work from the main design packages so the main sector design is not delayed. Essentially, any problem locations for railroad, bridge, or environmental will be pulled from its corresponding sector and placed into this package.

Schedule durations for design and construction were developed based on the production rates of a minimum of three full-time design teams and four full-time construction teams. Environmental field survey, railroad coordination, bridge design, and "holdout package" resources are all on an as-needed/as-required basis for the duration those activities are ongoing. Those additional as-needed

teams will supplement the full-time teams for those specific activities.

Full-time construction teams consist of two underground infrastructure teams, a fiber optic installation team, and a device installation team. These are all logical work breakdowns and can be assigned to a dedicated team for each scope item. Additional as-needed construction teams will consist of bridge crossing specialists, ITS installers, and a "holdout package" team, used for those specific items as needed.

A dedicated environmental survey team will begin field survey of environmental resources while the three ITS design teams are beginning preliminary/conceptual ITS design. Once environmental field work information begins to make it into the office, the ITS design teams will begin their design, with 2 sectors under design at any given time. As ITS design on each sector progresses, the package will move to the RFC phase, at which point it will be turned over to construction.

As previously discussed, Segment 3 Central Sector and Segment 1 North Sector will start design simultaneously, as the construction teams will need the earliest access to both the most time-consuming work (S3 Central) and a high-production area (S1 North).

The design and construction flow follows this order, with Segment 3 and 1 running concurrently and then Segment 2 following Segment 1:
S3 Central -> S3 North -> S3 South
S1 North -> S1 Central -> S1 South -> S2 North -> S2 Central -> S2 South

Critical Path
The critical path starts at the Basis of D&C and runs through admin activities until NTP 2. Once NTP 2 is issued, it follows the design for Segment 3 Central Sector, into material procurement stages for the initial material release, and then into construction of Segment 3. Segment 3, especially the Central Sector, and specifically the underground infrastructure, will take the entire project to complete and therefore is the primary critical path on the project.

Non-work periods, start, or completion constraints
There are no special calendars or constraints used in the proposal schedule. A Calendar Day (CD) calendar was used for most activities including Milestones, and a Business Day (BD) calendar was used as required in the TP's for GDOT reviews, approvals, and NTP dates. Holidays, weekends, commonly accepted non-work days, and allowable work hours per the RFP were all factored into our calculated required durations, but not added as special constraints or custom calendars.

Schedule Lag
No lag was built into the schedule. All dates are computed via predecessor and duration relationship. Only milestone dates were hard-coded. This is shown in the "Predecessors" column in Appendix A.

Project Schedule Workplan Discussion
Additional information for the Project Schedule Workplan (PSWP) will be included in that document at which time it is required, the following discussion only represents a high level overview of the concept for the PSWP.

The project schedule was developed on Microsoft Project (.mpp file) and adheres to the requirements for a non-P6 schedule per the RFP.

The schedule will be used by the Project Manager to prosecute the work. A dedicated Project Scheduler will be responsible for schedule updates and managing the schedule file and associated data. The Project Manager will meet regularly with the Design Project Manager, Assistant Project Managers, Project Superintendents, and others as necessary, to review the schedule, ensure compliance, and develop mitigation and recovery efforts if necessary.

The project schedule will not be cost or resource loaded within the .mpp file. Activities, durations, work sequences, and resource availability will be computed manually and then entered into the .mpp file as a Task, Duration, and Predecessor. As the project progresses to construction, additional Tasks will be added to track the more detailed construction work, and any edits will be made for resequencing and duration changes.

The project schedule will be updated with percentages complete by the Project Scheduler at intervals and/or conditions required by the RFP.

Activities required by Others (GDOT, USACE, EPD, etc as applicable) are shown as individual Tasks in the schedule. Additional "Work by Others" will be added as new tasks as that work is identified.

The Project Scheduler will meet as needed with the D-B Project Management Team (described earlier in this discussion) to review the schedule, solicit input, and update the schedule. The D-B Project Manager will have the final authority for the schedule, but will incorporate all necessary input from relevant team members as required.

The Project Schedule will be part of the overall quality management program for the D-B team, and be subject to the appropriate quality reviews per the Quality Manuals that will be developed and submitted for the project. Schedule Quality is the responsibility of all parties inputting data into the schedule process, but is managed by the Project Manager, Project Scheduler, and the Project Quality Staff.

The D-B team will meet with GDOT as required and needed to discuss the schedule, solicit input, facilitate review, and coordinate activities.

The WBS was created per the requirements contained within the RFP, and using a logical breakdown of the phases of design and construction in the order that the project will be designed and built. Commonly accepted design and construction practices, as well as project schedules previously approved on other GDOT projects were used as a starting point and template for the creation of this project schedule.

C.2 Project Differences from Basic Configuration

We have not identified any material differences between the Basic Configuration and our approach to design and construction of this project.

C.3 Substantial Completion, and Final Acceptance Proposal – Form M

Form M is attached as Appendix B

C.4 Work Product Requirements

Work Product is attached as Appendix C

C.5 Organizational Chart

The Organizational Chart is attached as Appendix D. No changes have been made since this chart was submitted with our SOQ.

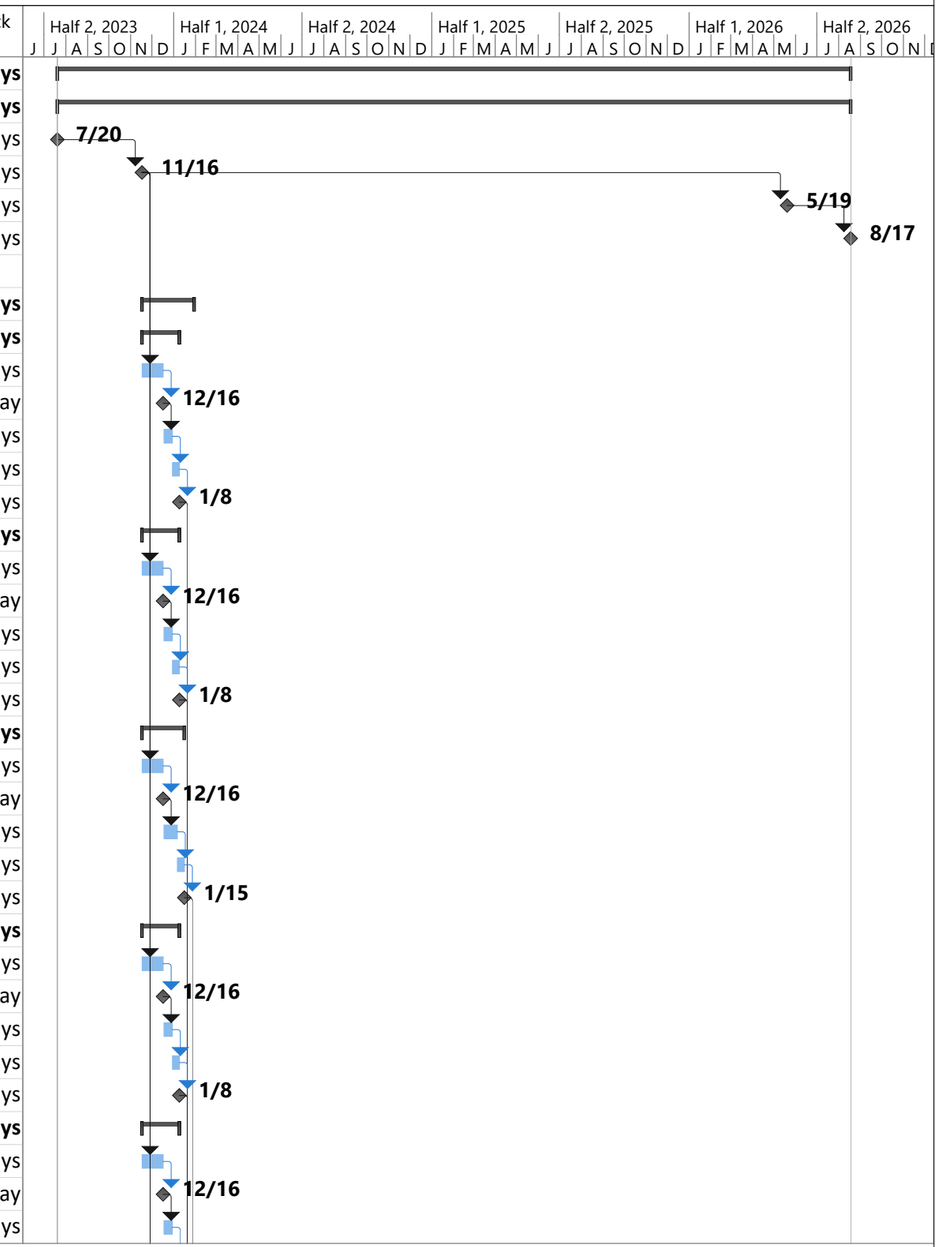
Appendix A

Proposal Schedule

GDOT FY 23 Interstate ITS and CV Implementation Project - PI 0019550

Proposal Schedule

ID	Task ID	Task Name	Duration	Start	Finish	Predecessors	Free Slack
1	**1**	**0019550 FY 23 Interstate ITS and CV Implementation Project**	**1125 days**	**Thu 7/20/23**	**Mon 8/17/26**		**0 days**
2	**1.1**	**Milestones**	**1125 days**	**Thu 7/20/23**	**Mon 8/17/26**		**0 days**
3	1.1.1	Proposal Due Date	0 days	Thu 7/20/23	Thu 7/20/23		0 days
4	1.1.2	NTP 1	0 days	Thu 11/16/23	Thu 11/16/23	3FS+120 days	0 days
5	1.1.3	Substantial Completion	0 days	Tue 5/19/26	Tue 5/19/26	4FS+915 days	0 days
6	1.1.4	Final Acceptance	0 days	Mon 8/17/26	Mon 8/17/26	5FS+90 days	0 days
7							
8	**1.2**	**NTP 2 Conditions**	**74 days**	**Fri 11/17/23**	**Mon 1/29/24**		**0 days**
9	**1.2.1**	**020020 PMP Executive Summary**	**53 days**	**Fri 11/17/23**	**Mon 1/8/24**		**21 days**
10	1.2.1.1	Develop document	30 days	Fri 11/17/23	Sat 12/16/23	4	0 days
11	1.2.1.2	Submit document	0 days	Sat 12/16/23	Sat 12/16/23	10	1 day
12	1.2.1.3	GDOT Review - PMP Executive Summary	10 days	Mon 12/18/23	Fri 12/29/23	11	0 days
13	1.2.1.4	Comment Resolution	10 days	Sat 12/30/23	Mon 1/8/24	12	0 days
14	1.2.1.5	Submittal Approved	0 days	Mon 1/8/24	Mon 1/8/24	13	15 days
15	**1.2.2**	**020030 Design-Builder's Organization Description**	**53 days**	**Fri 11/17/23**	**Mon 1/8/24**		**21 days**
16	1.2.2.1	Develop document	30 days	Fri 11/17/23	Sat 12/16/23	4	0 days
17	1.2.2.2	Submit document	0 days	Sat 12/16/23	Sat 12/16/23	16	1 day
18	1.2.2.3	GDOT Review - D-B Organization Description	10 days	Mon 12/18/23	Fri 12/29/23	17	0 days
19	1.2.2.4	Comment Resolution	10 days	Sat 12/30/23	Mon 1/8/24	18	0 days
20	1.2.2.5	Submittal Approved	0 days	Mon 1/8/24	Mon 1/8/24	19	15 days
21	**1.2.3**	**020050 DBE Performance Plan**	**60 days**	**Fri 11/17/23**	**Mon 1/15/24**		**14 days**
22	1.2.3.1	Develop document	30 days	Fri 11/17/23	Sat 12/16/23	4	0 days
23	1.2.3.2	Submit document	0 days	Sat 12/16/23	Sat 12/16/23	22	1 day
24	1.2.3.3	GDOT Review - DBE Performance Plan	15 days	Mon 12/18/23	Fri 1/5/24	23	0 days
25	1.2.3.4	Comment Resolution	10 days	Sat 1/6/24	Mon 1/15/24	24	0 days
26	1.2.3.5	Submittal Approved	0 days	Mon 1/15/24	Mon 1/15/24	25	10 days
27	**1.2.4**	**020080 Quality Management Plan**	**53 days**	**Fri 11/17/23**	**Mon 1/8/24**		**21 days**
28	1.2.4.1	Develop document	30 days	Fri 11/17/23	Sat 12/16/23	4	0 days
29	1.2.4.2	Submit document	0 days	Sat 12/16/23	Sat 12/16/23	28	1 day
30	1.2.4.3	GDOT Review - Quality Management Plan	10 days	Mon 12/18/23	Fri 12/29/23	29	0 days
31	1.2.4.4	Comment Resolution	10 days	Sat 12/30/23	Mon 1/8/24	30	0 days
32	1.2.4.5	Submittal Approved	0 days	Mon 1/8/24	Mon 1/8/24	31	15 days
33	**1.2.5**	**020090 Adminstrative Quality Management Plan**	**53 days**	**Fri 11/17/23**	**Mon 1/8/24**		**21 days**
34	1.2.5.1	Develop document	30 days	Fri 11/17/23	Sat 12/16/23	4	0 days
35	1.2.5.2	Submit document	0 days	Sat 12/16/23	Sat 12/16/23	34	1 day
36	1.2.5.3	GDOT Review - Admin Quality Management Plan	10 days	Mon 12/18/23	Fri 12/29/23	35	0 days



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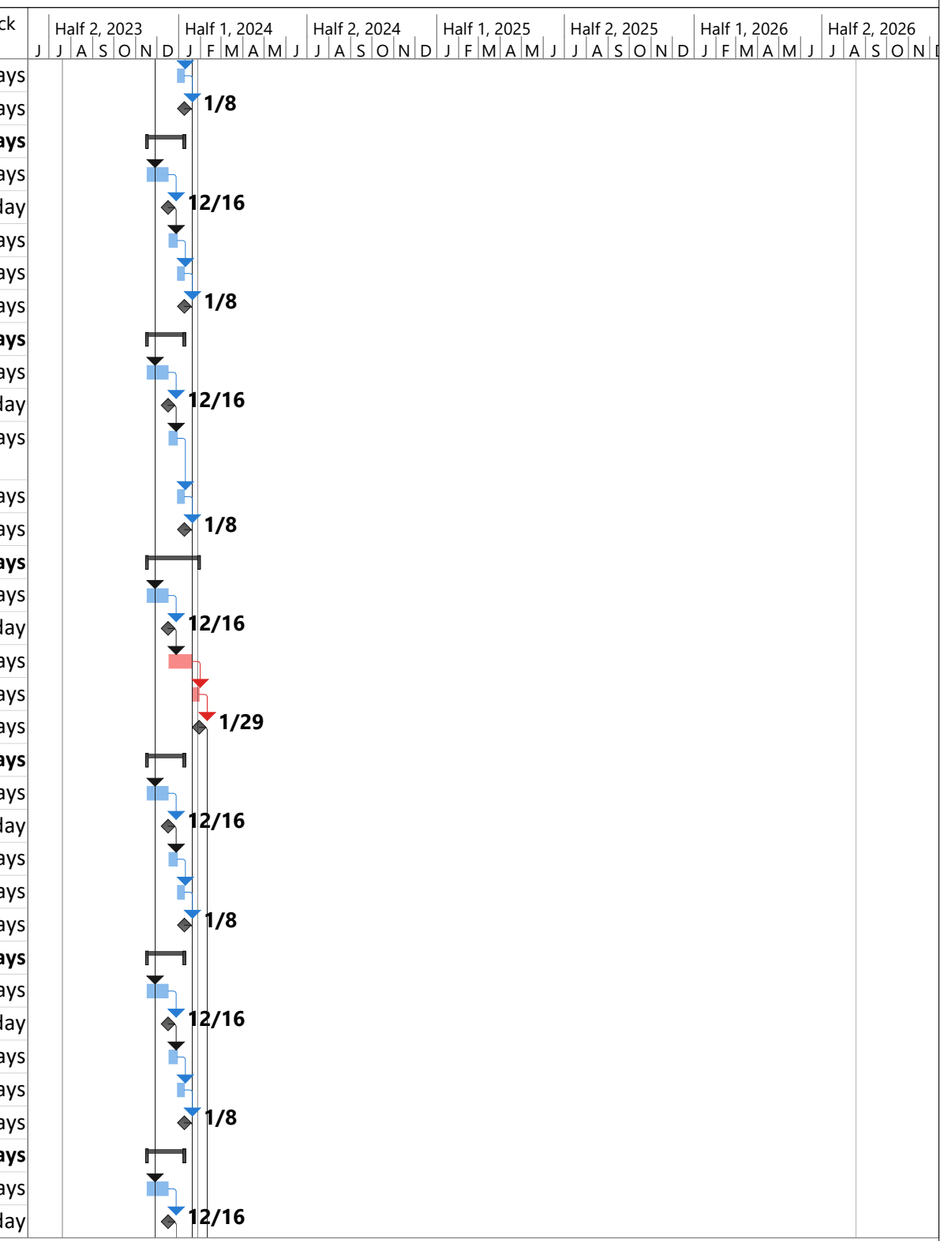
Task | Milestone | Summary | Deadline | Critical | Critical Split | Progress

GDOT FY 23 Interstate ITS and CV Implementation Project - PI 0019550

Proposal Schedule

ID	Task ID	Task Name	Duration	Start	Finish	Predecessors	Free Slack
37	1.2.5.4	Comment Resolution	10 days	Sat 12/30/23	Mon 1/8/24	36	0 days
38	1.2.5.5	Submittal Approved	0 days	Mon 1/8/24	Mon 1/8/24	37	15 days
39	**1.2.6**	**020100 Design Quality Management Plan**	**53 days**	**Fri 11/17/23**	**Mon 1/8/24**		**21 days**
40	1.2.6.1	Develop document	30 days	Fri 11/17/23	Sat 12/16/23	4	0 days
41	1.2.6.2	Submit document	0 days	Sat 12/16/23	Sat 12/16/23	40	1 day
42	1.2.6.3	GDOT Review - Design Quality Management Plan	10 days	Mon 12/18/23	Fri 12/29/23	41	0 days
43	1.2.6.4	Comment Resolution	10 days	Sat 12/30/23	Mon 1/8/24	42	0 days
44	1.2.6.5	Submittal Approved	0 days	Mon 1/8/24	Mon 1/8/24	43	15 days
45	**1.2.7**	**02110 Construction Quality Management Plan**	**53 days**	**Fri 11/17/23**	**Mon 1/8/24**		**21 days**
46	1.2.7.1	Develop document	30 days	Fri 11/17/23	Sat 12/16/23	4	0 days
47	1.2.7.2	Submit document	0 days	Sat 12/16/23	Sat 12/16/23	46	1 day
48	1.2.7.3	GDOT Review - Construction Quality Management Plan	10 days	Mon 12/18/23	Fri 12/29/23	47	0 days
49	1.2.7.4	Comment Resolution	10 days	Sat 12/30/23	Mon 1/8/24	48	0 days
50	1.2.7.5	Submittal Approved	0 days	Mon 1/8/24	Mon 1/8/24	49	15 days
51	**1.2.8**	**02120 Basis of D&C**	**74 days**	**Fri 11/17/23**	**Mon 1/29/24**		**0 days**
52	1.2.8.1	Develop document	30 days	Fri 11/17/23	Sat 12/16/23	4	0 days
53	1.2.8.2	Submit document	0 days	Sat 12/16/23	Sat 12/16/23	52	1 day
54	1.2.8.3	GDOT Review - Basis of D&C	25 days	Mon 12/18/23	Fri 1/19/24	53	0 days
55	1.2.8.4	Comment Resolution	10 days	Sat 1/20/24	Mon 1/29/24	54	0 days
56	1.2.8.5	Submittal Approved	0 days	Mon 1/29/24	Mon 1/29/24	55	0 days
57	**1.2.9**	**020190 Safety Plan**	**53 days**	**Fri 11/17/23**	**Mon 1/8/24**		**21 days**
58	1.2.9.1	Develop document	30 days	Fri 11/17/23	Sat 12/16/23	4	0 days
59	1.2.9.2	Submit document	0 days	Sat 12/16/23	Sat 12/16/23	58	1 day
60	1.2.9.3	GDOT Review - Safety Plan	10 days	Mon 12/18/23	Fri 12/29/23	59	0 days
61	1.2.9.4	Comment Resolution	10 days	Sat 12/30/23	Mon 1/8/24	60	0 days
62	1.2.9.5	Submittal Approved	0 days	Mon 1/8/24	Mon 1/8/24	61	15 days
63	**1.2.10**	**020200 Project Schedule Workplan**	**53 days**	**Fri 11/17/23**	**Mon 1/8/24**		**21 days**
64	1.2.10.1	Develop document	30 days	Fri 11/17/23	Sat 12/16/23	4	0 days
65	1.2.10.2	Submit document	0 days	Sat 12/16/23	Sat 12/16/23	64	1 day
66	1.2.10.3	GDOT Review - Project Schedule Workplan	10 days	Mon 12/18/23	Fri 12/29/23	65	0 days
67	1.2.10.4	Comment Resolution	10 days	Sat 12/30/23	Mon 1/8/24	66	0 days
68	1.2.10.5	Submittal Approved	0 days	Mon 1/8/24	Mon 1/8/24	67	15 days
69	**1.2.11**	**020220 NTP 2 Baseline SOV**	**53 days**	**Fri 11/17/23**	**Mon 1/8/24**		**21 days**
70	1.2.11.1	Develop document	30 days	Fri 11/17/23	Sat 12/16/23	4	0 days
71	1.2.11.2	Submit document	0 days	Sat 12/16/23	Sat 12/16/23	70	1 day



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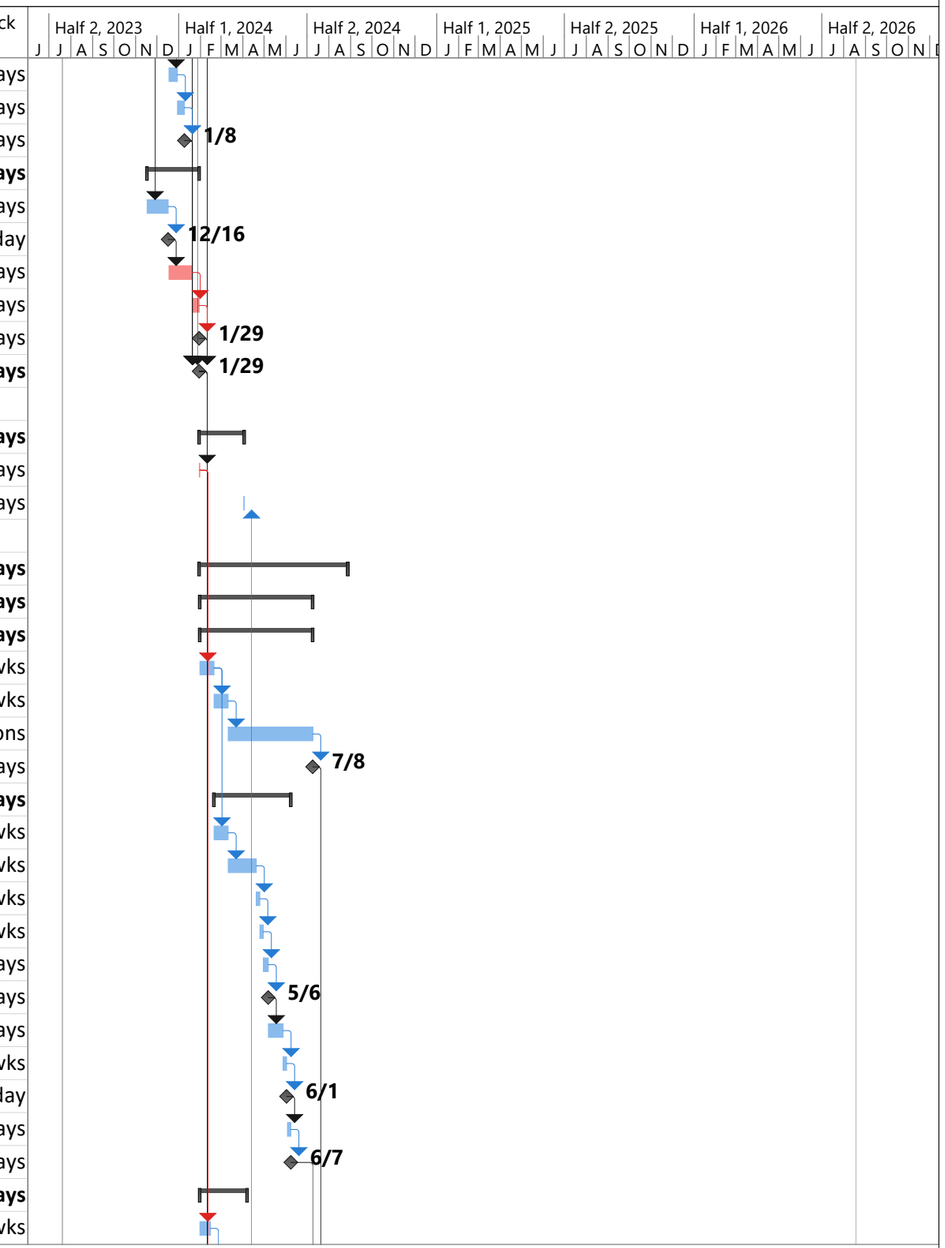
Task | Milestone | Summary | Deadline | Critical | Critical Split | Progress

GDOT FY 23 Interstate ITS and CV Implementation Project - PI 0019550

Proposal Schedule

ID	Task ID	Task Name	Duration	Start	Finish	Predecessors	Free Slack
72	1.2.11.3	GDOT Review - NTP 2 Baseline SOV	10 days	Mon 12/18/23	Fri 12/29/23	71	0 days
73	1.2.11.4	Comment Resolution	10 days	Sat 12/30/23	Mon 1/8/24	72	0 days
74	1.2.11.5	Submittal Approved	0 days	Mon 1/8/24	Mon 1/8/24	73	15 days
75	**1.2.12**	**020250 NTP 2 Baseline Project Schedule**	**74 days**	**Fri 11/17/23**	**Mon 1/29/24**		**0 days**
76	1.2.12.1	Develop document	30 days	Fri 11/17/23	Sat 12/16/23	4	0 days
77	1.2.12.2	Submit document	0 days	Sat 12/16/23	Sat 12/16/23	76	1 day
78	1.2.12.3	GDOT Review - NTP 2 Baseline Project Schedule	25 days	Mon 12/18/23	Fri 1/19/24	77	0 days
79	1.2.12.4	Comment Resolution	10 days	Sat 1/20/24	Mon 1/29/24	78	0 days
80	1.2.12.5	Submittal Approved	0 days	Mon 1/29/24	Mon 1/29/24	79	0 days
81	**1.3**	**NTP 2 Issued**	**0 days**	**Mon 1/29/24**	**Mon 1/29/24**	**14,20,26,32,38,44**	**0 days**
82							
83	**1.4**	**Workshops**	**64 days**	**Tue 1/30/24**	**Tue 4/2/24**		**0 days**
84	1.4.1	ITS Design Kickoff Workshop	1 day	Tue 1/30/24	Tue 1/30/24	81	0 days
85	1.4.2	Communications Network Workshop	1 day	Tue 4/2/24	Tue 4/2/24	111	867 days
86							
87	**1.5**	**Final Design**	**211 days**	**Tue 1/30/24**	**Tue 8/27/24**		**0 days**
88	**1.5.1**	**Project-Wide**	**160 days**	**Wed 1/31/24**	**Mon 7/8/24**		**4 days**
89	**1.5.1.1**	**Railroad Permit Package**	**160 days**	**Wed 1/31/24**	**Mon 7/8/24**		**5 days**
90	1.5.1.1.1	Field Survey	4 wks	Wed 1/31/24	Mon 2/19/24	84	0 wks
91	1.5.1.1.2	Prepare Permit Packages	4 wks	Tue 2/20/24	Sun 3/10/24	90	0 wks
92	1.5.1.1.3	Acquire Railroad Permits	6 mons	Mon 3/11/24	Mon 7/8/24	91	0 mons
93	1.5.1.1.4	Railroad Permits Approved	0 days	Mon 7/8/24	Mon 7/8/24	92	0 days
94	**1.5.1.2**	**Bridge Attachment Package**	**109 days**	**Tue 2/20/24**	**Fri 6/7/24**		**36 days**
95	1.5.1.2.1	Field Survey	4 wks	Tue 2/20/24	Sun 3/10/24	90	0 wks
96	1.5.1.2.2	Prepare Bridge Attachment Designs	8 wks	Mon 3/11/24	Fri 4/19/24	95	0 wks
97	1.5.1.2.3	Internal Constructability Review	1 wk	Sat 4/20/24	Wed 4/24/24	96	0 wks
98	1.5.1.2.4	Finalize design	1 wk	Thu 4/25/24	Mon 4/29/24	97	0 wks
99	1.5.1.2.5	Design QA/QC	7 days	Tue 4/30/24	Mon 5/6/24	98	0 days
100	1.5.1.2.6	Submit Final Plans	0 days	Mon 5/6/24	Mon 5/6/24	99	0 days
101	1.5.1.2.7	GDOT Review - Final Plans	15 days	Tue 5/7/24	Mon 5/27/24	100	0 days
102	1.5.1.2.8	Comment Resolution	1 wk	Tue 5/28/24	Sat 6/1/24	101	0 wks
103	1.5.1.2.9	Submit RFC Plans	0 days	Sat 6/1/24	Sat 6/1/24	102	1 day
104	1.5.1.2.10	GDOT Review - RFC Plans	5 days	Mon 6/3/24	Fri 6/7/24	103	0 days
105	1.5.1.2.11	Plans Released for Construction	0 days	Fri 6/7/24	Fri 6/7/24	104	31 days
106	**1.5.1.3**	**Preliminary ITS/Network Design**	**67 days**	**Wed 1/31/24**	**Sat 4/6/24**		**4 days**
107	1.5.1.3.1	Develop preliminary ITS design	3 wks	Wed 1/31/24	Wed 2/14/24	84	0 wks



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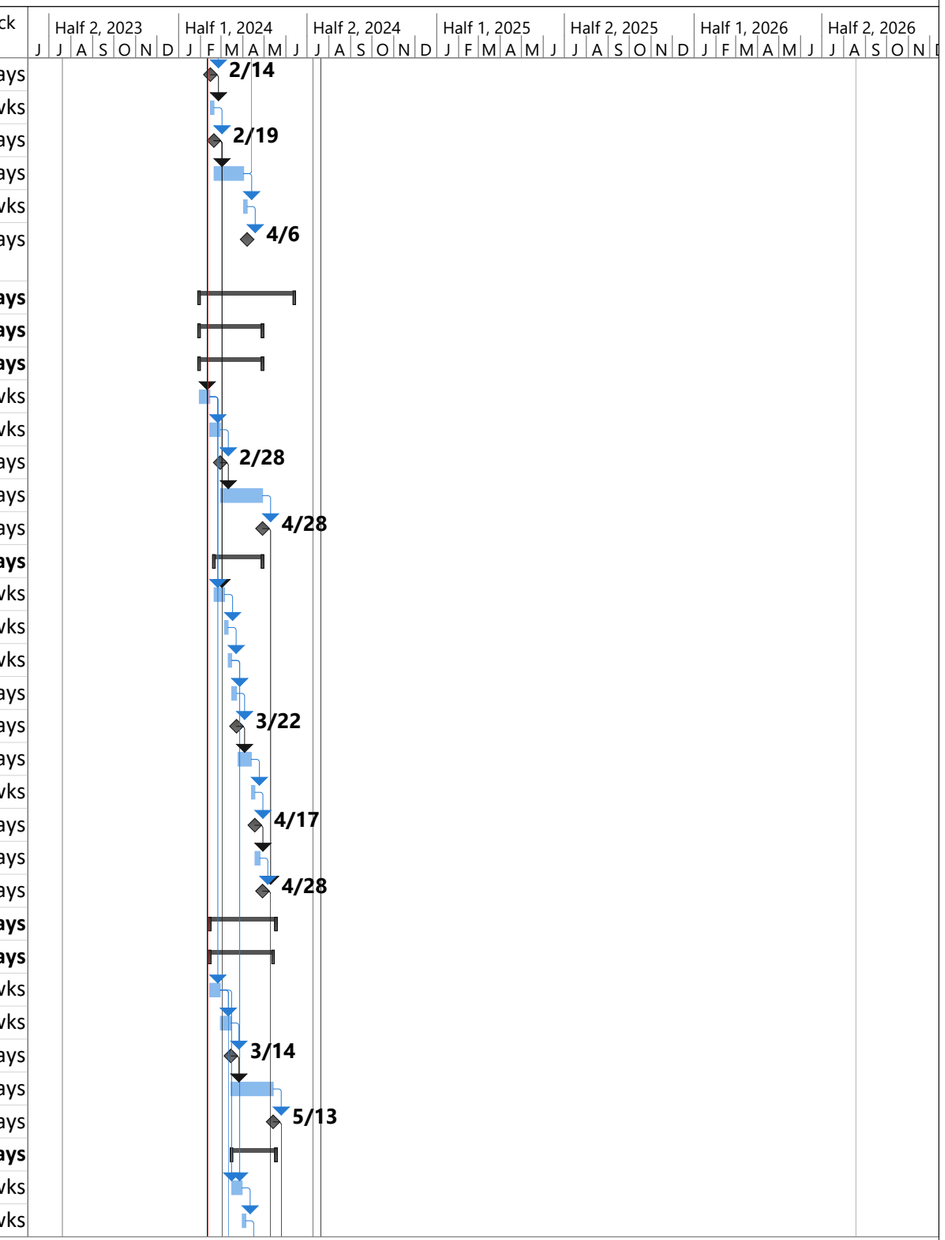
Task | Milestone | Summary | Deadline | Critical | Critical Split | Progress

GDOT FY 23 Interstate ITS and CV Implementation Project - PI 0019550

Proposal Schedule

ID	Task ID	Task Name	Duration	Start	Finish	Predecessors	Free Slack
108	1.5.1.3.2	Preliminary ITS Design OTS workshop	0 days	Wed 2/14/24	Wed 2/14/24	107	0 days
109	1.5.1.3.3	Prepare preliminary ITS design for submission	1 wk	Thu 2/15/24	Mon 2/19/24	108	0 wks
110	1.5.1.3.4	Submit Prelim ITS design	0 days	Mon 2/19/24	Mon 2/19/24	109	0 days
111	1.5.1.3.5	GDOT Review - Prelim ITS Design	30 days	Tue 2/20/24	Mon 4/1/24	110	0 days
112	1.5.1.3.6	Comment Resolution	1 wk	Tue 4/2/24	Sat 4/6/24	111	0 wks
113	1.5.1.3.7	Preliminary ITS/Network Design Concept Approved	0 days	Sat 4/6/24	Sat 4/6/24	112	863 days
114	**1.5.2**	**Segment 1 - State Line to Hub T**	**135 days**	**Tue 1/30/24**	**Wed 6/12/24**		**26 days**
115	**1.5.2.1**	**S1 North**	**90 days**	**Tue 1/30/24**	**Sun 4/28/24**		**26 days**
116	**1.5.2.1.1**	**Environmental**	**90 days**	**Tue 1/30/24**	**Sun 4/28/24**		**26 days**
117	1.5.2.1.1.1	Environmental Field Work	3 wks	Tue 1/30/24	Tue 2/13/24	81	0 wks
118	1.5.2.1.1.2	Prepare Re-evaluation Package	3 wks	Wed 2/14/24	Wed 2/28/24	117	0 wks
119	1.5.2.1.1.3	Submit Re-evaluation Package	0 days	Wed 2/28/24	Wed 2/28/24	118	0 days
120	1.5.2.1.1.4	GDOT Review	60 days	Thu 2/29/24	Sun 4/28/24	119	0 days
121	1.5.2.1.1.5	Submittal Approved	0 days	Sun 4/28/24	Sun 4/28/24	120	0 days
122	**1.5.2.1.2**	**Design**	**69 days**	**Tue 2/20/24**	**Sun 4/28/24**		**26 days**
123	1.5.2.1.2.1	Prelim design and layout	3 wks	Tue 2/20/24	Tue 3/5/24	110,117	0 wks
124	1.5.2.1.2.2	Internal Constructability Review	1 wk	Wed 3/6/24	Sun 3/10/24	123	0 wks
125	1.5.2.1.2.3	Finalize design	1 wk	Mon 3/11/24	Fri 3/15/24	124	0 wks
126	1.5.2.1.2.4	Design QA/QC	7 days	Sat 3/16/24	Fri 3/22/24	125	0 days
127	1.5.2.1.2.5	Submit Final Plans	0 days	Fri 3/22/24	Fri 3/22/24	126	2 days
128	1.5.2.1.2.6	GDOT Review - Final Plans	15 days	Mon 3/25/24	Fri 4/12/24	127	0 days
129	1.5.2.1.2.7	Comment Resolution	1 wk	Sat 4/13/24	Wed 4/17/24	128	0 wks
130	1.5.2.1.2.8	Submit RFC Plans	0 days	Wed 4/17/24	Wed 4/17/24	129	0 days
131	1.5.2.1.2.9	GDOT Review - RFC Plans	5 days	Thu 4/18/24	Wed 4/24/24	130	2 days
132	1.5.2.1.2.10	Plans Released for Construction	0 days	Sun 4/28/24	Sun 4/28/24	131,121	0 days
133	**1.5.2.2**	**S1 Central**	**94 days**	**Wed 2/14/24**	**Fri 5/17/24**		**127 days**
134	**1.5.2.2.1**	**Environmental**	**90 days**	**Wed 2/14/24**	**Mon 5/13/24**		**131 days**
135	1.5.2.2.1.1	Environmental Field Work	3 wks	Wed 2/14/24	Wed 2/28/24	117	0 wks
136	1.5.2.2.1.2	Prepare Re-evaluation Package	3 wks	Thu 2/29/24	Thu 3/14/24	135	0 wks
137	1.5.2.2.1.3	Submit Re-evaluation Package	0 days	Thu 3/14/24	Thu 3/14/24	136	0 days
138	1.5.2.2.1.4	GDOT Review	60 days	Fri 3/15/24	Mon 5/13/24	137	0 days
139	1.5.2.2.1.5	Submittal Approved	0 days	Mon 5/13/24	Mon 5/13/24	138	4 days
140	**1.5.2.2.2**	**Design**	**63 days**	**Sat 3/16/24**	**Fri 5/17/24**		**126 days**
141	1.5.2.2.2.1	Prelim design and layout	3 wks	Sat 3/16/24	Sat 3/30/24	125,135	0 wks
142	1.5.2.2.2.2	Internal Constructability Review	1 wk	Sun 3/31/24	Thu 4/4/24	141	0 wks



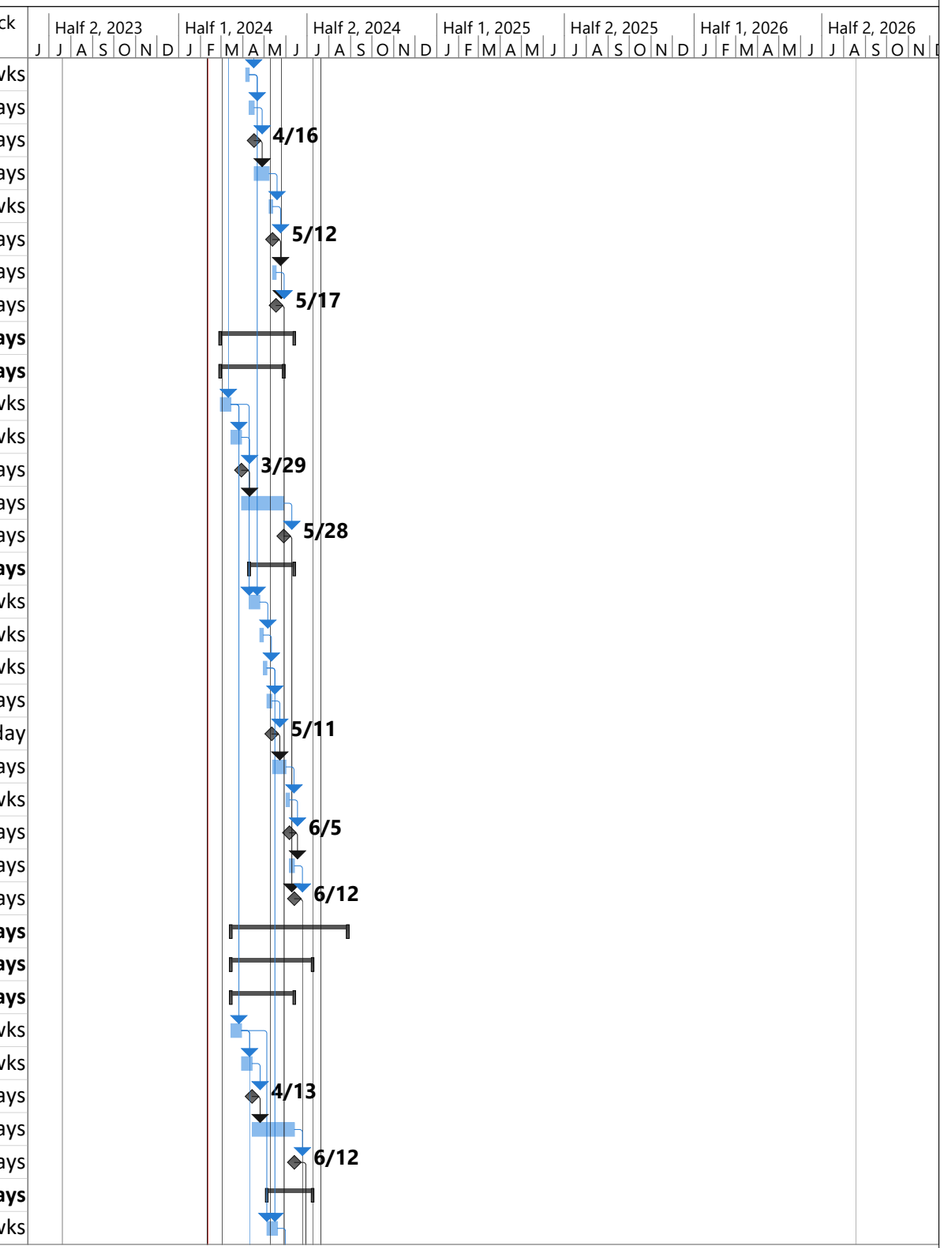
Brooks-Berry-Haynie
Electrical Contractors Since 1953

Task | Milestone | Summary | Deadline | Critical | Critical Split | Progress

GDOT FY 23 Interstate ITS and CV Implementation Project - PI 0019550

Proposal Schedule

ID	Task ID	Task Name	Duration	Start	Finish	Predecessors	Free Slack
143	1.5.2.2.2.3	Finalize design	1 wk	Fri 4/5/24	Tue 4/9/24	142	0 wks
144	1.5.2.2.2.4	Design QA/QC	7 days	Wed 4/10/24	Tue 4/16/24	143	0 days
145	1.5.2.2.2.5	Submit Final Plans	0 days	Tue 4/16/24	Tue 4/16/24	144	0 days
146	1.5.2.2.2.6	GDOT Review - Final Plans	15 days	Wed 4/17/24	Tue 5/7/24	145	0 days
147	1.5.2.2.2.7	Comment Resolution	1 wk	Wed 5/8/24	Sun 5/12/24	146	0 wks
148	1.5.2.2.2.8	Submit RFC Plans	0 days	Sun 5/12/24	Sun 5/12/24	147	0 days
149	1.5.2.2.2.9	GDOT Review - RFC Plans	5 days	Mon 5/13/24	Fri 5/17/24	148	0 days
150	1.5.2.2.2.10	Plans Released for Construction	0 days	Fri 5/17/24	Fri 5/17/24	149,139	0 days
151	**1.5.2.3**	**S1 South**	**105 days**	**Thu 2/29/24**	**Wed 6/12/24**		**191 days**
152	**1.5.2.3.1**	**Environmental**	**90 days**	**Thu 2/29/24**	**Tue 5/28/24**		**206 days**
153	1.5.2.3.1.1	Environmental Field Work	3 wks	Thu 2/29/24	Thu 3/14/24	135	0 wks
154	1.5.2.3.1.2	Prepare Re-evaluation Package	3 wks	Fri 3/15/24	Fri 3/29/24	153	0 wks
155	1.5.2.3.1.3	Submit Re-evaluation Package	0 days	Fri 3/29/24	Fri 3/29/24	154	0 days
156	1.5.2.3.1.4	GDOT Review	60 days	Sat 3/30/24	Tue 5/28/24	155	0 days
157	1.5.2.3.1.5	Submittal Approved	0 days	Tue 5/28/24	Tue 5/28/24	156	15 days
158	**1.5.2.3.2**	**Design**	**64 days**	**Wed 4/10/24**	**Wed 6/12/24**		**191 days**
159	1.5.2.3.2.1	Prelim design and layout	3 wks	Wed 4/10/24	Wed 4/24/24	143,153	0 wks
160	1.5.2.3.2.2	Internal Constructability Review	1 wk	Thu 4/25/24	Mon 4/29/24	159	0 wks
161	1.5.2.3.2.3	Finalize design	1 wk	Tue 4/30/24	Sat 5/4/24	160	0 wks
162	1.5.2.3.2.4	Design QA/QC	7 days	Sun 5/5/24	Sat 5/11/24	161	0 days
163	1.5.2.3.2.5	Submit Final Plans	0 days	Sat 5/11/24	Sat 5/11/24	162	1 day
164	1.5.2.3.2.6	GDOT Review - Final Plans	15 days	Mon 5/13/24	Fri 5/31/24	163	0 days
165	1.5.2.3.2.7	Comment Resolution	1 wk	Sat 6/1/24	Wed 6/5/24	164	0 wks
166	1.5.2.3.2.8	Submit RFC Plans	0 days	Wed 6/5/24	Wed 6/5/24	165	0 days
167	1.5.2.3.2.9	GDOT Review - RFC Plans	5 days	Thu 6/6/24	Wed 6/12/24	166	0 days
168	1.5.2.3.2.10	Plans Released for Construction	0 days	Wed 6/12/24	Wed 6/12/24	167,157	0 days
169	**1.5.3**	**Segment 2 - Hub T to Hub-CC**	**166 days**	**Fri 3/15/24**	**Tue 8/27/24**		**281 days**
170	**1.5.3.1**	**S2 North**	**116 days**	**Fri 3/15/24**	**Mon 7/8/24**		**255 days**
171	**1.5.3.1.1**	**Environmental**	**90 days**	**Fri 3/15/24**	**Wed 6/12/24**		**281 days**
172	1.5.3.1.1.1	Environmental Field Work	3 wks	Fri 3/15/24	Fri 3/29/24	153	0 wks
173	1.5.3.1.1.2	Prepare Re-evaluation Package	3 wks	Sat 3/30/24	Sat 4/13/24	172	0 wks
174	1.5.3.1.1.3	Submit Re-evaluation Package	0 days	Sat 4/13/24	Sat 4/13/24	173	0 days
175	1.5.3.1.1.4	GDOT Review	60 days	Sun 4/14/24	Wed 6/12/24	174	0 days
176	1.5.3.1.1.5	Submittal Approved	0 days	Wed 6/12/24	Wed 6/12/24	175	26 days
177	**1.5.3.1.2**	**Design**	**65 days**	**Sun 5/5/24**	**Mon 7/8/24**		**255 days**
178	1.5.3.1.2.1	Prelim design and layout	3 wks	Sun 5/5/24	Sun 5/19/24	161,172	0 wks

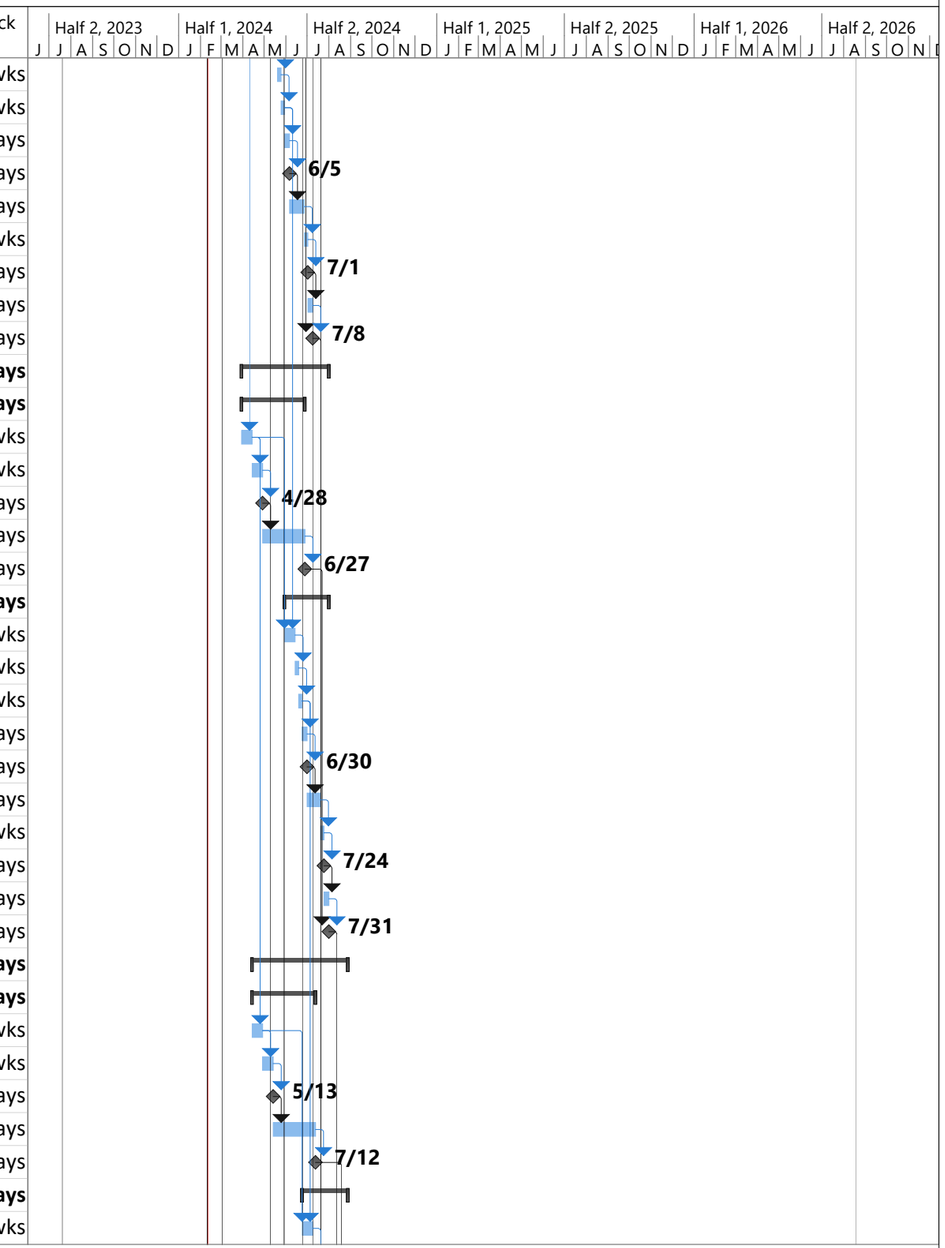


Brooks-Berry-Haynie
Electrical Contractors Since 1953

Task | Milestone | Summary | Deadline | Critical | Critical Split | Progress

Proposal Schedule

ID	Task ID	Task Name	Duration	Start	Finish	Predecessors	Free Slack
179	1.5.3.1.2.2	Internal Constructability Review	1 wk	Mon 5/20/24	Fri 5/24/24	178	0 wks
180	1.5.3.1.2.3	Finalize design	1 wk	Sat 5/25/24	Wed 5/29/24	179	0 wks
181	1.5.3.1.2.4	Design QA/QC	7 days	Thu 5/30/24	Wed 6/5/24	180	0 days
182	1.5.3.1.2.5	Submit Final Plans	0 days	Wed 6/5/24	Wed 6/5/24	181	0 days
183	1.5.3.1.2.6	GDOT Review - Final Plans	15 days	Thu 6/6/24	Wed 6/26/24	182	0 days
184	1.5.3.1.2.7	Comment Resolution	1 wk	Thu 6/27/24	Mon 7/1/24	183	0 wks
185	1.5.3.1.2.8	Submit RFC Plans	0 days	Mon 7/1/24	Mon 7/1/24	184	0 days
186	1.5.3.1.2.9	GDOT Review - RFC Plans	5 days	Tue 7/2/24	Mon 7/8/24	185	0 days
187	1.5.3.1.2.10	Plans Released for Construction	0 days	Mon 7/8/24	Mon 7/8/24	186,176	0 days
188	**1.5.3.2**	**S2 Central**	**124 days**	**Sat 3/30/24**	**Wed 7/31/24**		**322 days**
189	**1.5.3.2.1**	**Environmental**	**90 days**	**Sat 3/30/24**	**Thu 6/27/24**		**356 days**
190	1.5.3.2.1.1	Environmental Field Work	3 wks	Sat 3/30/24	Sat 4/13/24	172	0 wks
191	1.5.3.2.1.2	Prepare Re-evaluation Package	3 wks	Sun 4/14/24	Sun 4/28/24	190	0 wks
192	1.5.3.2.1.3	Submit Re-evaluation Package	0 days	Sun 4/28/24	Sun 4/28/24	191	0 days
193	1.5.3.2.1.4	GDOT Review	60 days	Mon 4/29/24	Thu 6/27/24	192	0 days
194	1.5.3.2.1.5	Submittal Approved	0 days	Thu 6/27/24	Thu 6/27/24	193	34 days
195	**1.5.3.2.2**	**Design**	**63 days**	**Thu 5/30/24**	**Wed 7/31/24**		**322 days**
196	1.5.3.2.2.1	Prelim design and layout	3 wks	Thu 5/30/24	Thu 6/13/24	180,190	0 wks
197	1.5.3.2.2.2	Internal Constructability Review	1 wk	Fri 6/14/24	Tue 6/18/24	196	0 wks
198	1.5.3.2.2.3	Finalize design	1 wk	Wed 6/19/24	Sun 6/23/24	197	0 wks
199	1.5.3.2.2.4	Design QA/QC	7 days	Mon 6/24/24	Sun 6/30/24	198	0 days
200	1.5.3.2.2.5	Submit Final Plans	0 days	Sun 6/30/24	Sun 6/30/24	199	0 days
201	1.5.3.2.2.6	GDOT Review - Final Plans	15 days	Mon 7/1/24	Fri 7/19/24	200	0 days
202	1.5.3.2.2.7	Comment Resolution	1 wk	Sat 7/20/24	Wed 7/24/24	201	0 wks
203	1.5.3.2.2.8	Submit RFC Plans	0 days	Wed 7/24/24	Wed 7/24/24	202	0 days
204	1.5.3.2.2.9	GDOT Review - RFC Plans	5 days	Thu 7/25/24	Wed 7/31/24	203	0 days
205	1.5.3.2.2.10	Plans Released for Construction	0 days	Wed 7/31/24	Wed 7/31/24	204,194	0 days
206	**1.5.3.3**	**S1 South**	**136 days**	**Sun 4/14/24**	**Tue 8/27/24**		**415 days**
207	**1.5.3.3.1**	**Environmental**	**90 days**	**Sun 4/14/24**	**Fri 7/12/24**		**461 days**
208	1.5.3.3.1.1	Environmental Field Work	3 wks	Sun 4/14/24	Sun 4/28/24	190	0 wks
209	1.5.3.3.1.2	Prepare Re-evaluation Package	3 wks	Mon 4/29/24	Mon 5/13/24	208	0 wks
210	1.5.3.3.1.3	Submit Re-evaluation Package	0 days	Mon 5/13/24	Mon 5/13/24	209	0 days
211	1.5.3.3.1.4	GDOT Review	60 days	Tue 5/14/24	Fri 7/12/24	210	0 days
212	1.5.3.3.1.5	Submittal Approved	0 days	Fri 7/12/24	Fri 7/12/24	211	46 days
213	**1.5.3.3.2**	**Design**	**65 days**	**Mon 6/24/24**	**Tue 8/27/24**		**415 days**
214	1.5.3.3.2.1	Prelim design and layout	3 wks	Mon 6/24/24	Mon 7/8/24	198,208	0 wks



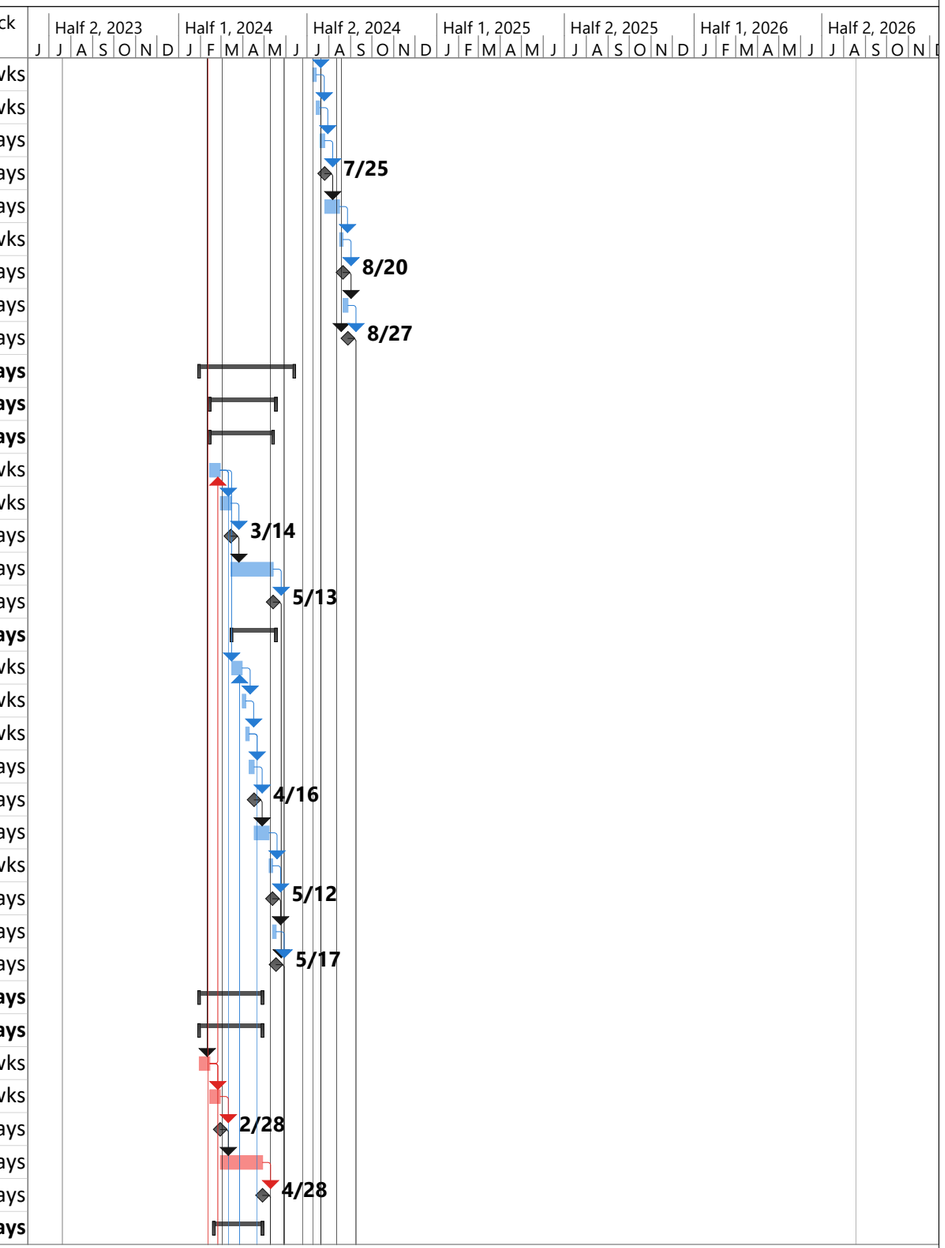
Brooks-Berry-Haynie
Electrical Contractors Since 1953

Task | Milestone | Summary | Deadline | Critical | Critical Split | Progress

GDOT FY 23 Interstate ITS and CV Implementation Project - PI 0019550

Proposal Schedule

ID	Task ID	Task Name	Duration	Start	Finish	Predecessors	Free Slack
215	1.5.3.3.2.2	Internal Constructability Review	1 wk	Tue 7/9/24	Sat 7/13/24	214	0 wks
216	1.5.3.3.2.3	Finalize design	1 wk	Sun 7/14/24	Thu 7/18/24	215	0 wks
217	1.5.3.3.2.4	Design QA/QC	7 days	Fri 7/19/24	Thu 7/25/24	216	0 days
218	1.5.3.3.2.5	Submit Final Plans	0 days	Thu 7/25/24	Thu 7/25/24	217	0 days
219	1.5.3.3.2.6	GDOT Review - Final Plans	15 days	Fri 7/26/24	Thu 8/15/24	218	0 days
220	1.5.3.3.2.7	Comment Resolution	1 wk	Fri 8/16/24	Tue 8/20/24	219	0 wks
221	1.5.3.3.2.8	Submit RFC Plans	0 days	Tue 8/20/24	Tue 8/20/24	220	0 days
222	1.5.3.3.2.9	GDOT Review - RFC Plans	5 days	Wed 8/21/24	Tue 8/27/24	221	0 days
223	1.5.3.3.2.10	Plans Released for Construction	0 days	Tue 8/27/24	Tue 8/27/24	222,212	0 days
224	**1.5.4**	**Segment 3 - Hub CC to Northern Limits**	**135 days**	**Tue 1/30/24**	**Wed 6/12/24**		**0 days**
225	**1.5.4.1**	**S3 North**	**94 days**	**Wed 2/14/24**	**Fri 5/17/24**		**282 days**
226	**1.5.4.1.1**	**Environmental**	**90 days**	**Wed 2/14/24**	**Mon 5/13/24**		**286 days**
227	1.5.4.1.1.1	Environmental Field Work	3 wks	Wed 2/14/24	Wed 2/28/24	245	0 wks
228	1.5.4.1.1.2	Prepare Re-evaluation Package	3 wks	Thu 2/29/24	Thu 3/14/24	227	0 wks
229	1.5.4.1.1.3	Submit Re-evaluation Package	0 days	Thu 3/14/24	Thu 3/14/24	228	0 days
230	1.5.4.1.1.4	GDOT Review	60 days	Fri 3/15/24	Mon 5/13/24	229	0 days
231	1.5.4.1.1.5	Submittal Approved	0 days	Mon 5/13/24	Mon 5/13/24	230	4 days
232	**1.5.4.1.2**	**Design**	**63 days**	**Sat 3/16/24**	**Fri 5/17/24**		**280 days**
233	1.5.4.1.2.1	Prelim design and layout	3 wks	Sat 3/16/24	Sat 3/30/24	253,227	0 wks
234	1.5.4.1.2.2	Internal Constructability Review	1 wk	Sun 3/31/24	Thu 4/4/24	233	0 wks
235	1.5.4.1.2.3	Finalize design	1 wk	Fri 4/5/24	Tue 4/9/24	234	0 wks
236	1.5.4.1.2.4	Design QA/QC	7 days	Wed 4/10/24	Tue 4/16/24	235	0 days
237	1.5.4.1.2.5	Submit Final Plans	0 days	Tue 4/16/24	Tue 4/16/24	236	0 days
238	1.5.4.1.2.6	GDOT Review - Final Plans	15 days	Wed 4/17/24	Tue 5/7/24	237	0 days
239	1.5.4.1.2.7	Comment Resolution	1 wk	Wed 5/8/24	Sun 5/12/24	238	0 wks
240	1.5.4.1.2.8	Submit RFC Plans	0 days	Sun 5/12/24	Sun 5/12/24	239	0 days
241	1.5.4.1.2.9	GDOT Review - RFC Plans	5 days	Mon 5/13/24	Fri 5/17/24	240	0 days
242	1.5.4.1.2.10	Plans Released for Construction	0 days	Fri 5/17/24	Fri 5/17/24	241,231	0 days
243	**1.5.4.2**	**S3 Central**	**90 days**	**Tue 1/30/24**	**Sun 4/28/24**		**0 days**
244	**1.5.4.2.1**	**Environmental**	**90 days**	**Tue 1/30/24**	**Sun 4/28/24**		**0 days**
245	1.5.4.2.1.1	Environmental Field Work	3 wks	Tue 1/30/24	Tue 2/13/24	81	0 wks
246	1.5.4.2.1.2	Prepare Re-evaluation Package	3 wks	Wed 2/14/24	Wed 2/28/24	245	0 wks
247	1.5.4.2.1.3	Submit Re-evaluation Package	0 days	Wed 2/28/24	Wed 2/28/24	246	0 days
248	1.5.4.2.1.4	GDOT Review	60 days	Thu 2/29/24	Sun 4/28/24	247	0 days
249	1.5.4.2.1.5	Submittal Approved	0 days	Sun 4/28/24	Sun 4/28/24	248	0 days
250	**1.5.4.2.2**	**Design**	**69 days**	**Tue 2/20/24**	**Sun 4/28/24**		**0 days**



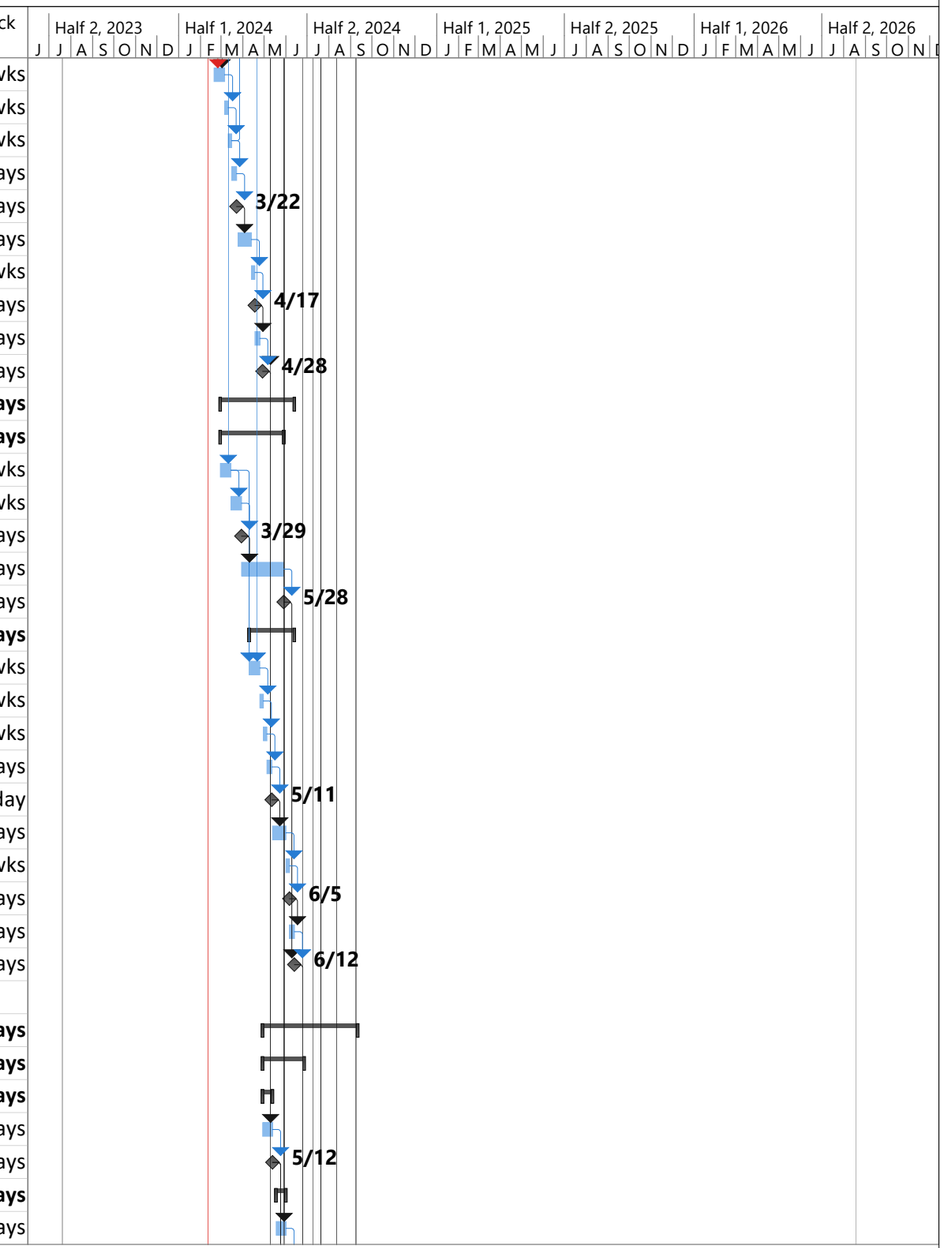
Brooks-Berry-Haynie
Electrical Contractors Since 1953

Task | Milestone | Summary | Deadline | Critical | Critical Split | Progress

GDOT FY 23 Interstate ITS and CV Implementation Project - PI 0019550

Proposal Schedule

ID	Task ID	Task Name	Duration	Start	Finish	Predecessors	Free Slack
251	1.5.4.2.2.1	Prelim design and layout	3 wks	Tue 2/20/24	Tue 3/5/24	110,245	0 wks
252	1.5.4.2.2.2	Internal Constructability Review	1 wk	Wed 3/6/24	Sun 3/10/24	251	0 wks
253	1.5.4.2.2.3	Finalize design	1 wk	Mon 3/11/24	Fri 3/15/24	252	0 wks
254	1.5.4.2.2.4	Design QA/QC	7 days	Sat 3/16/24	Fri 3/22/24	253	0 days
255	1.5.4.2.2.5	Submit Final Plans	0 days	Fri 3/22/24	Fri 3/22/24	254	2 days
256	1.5.4.2.2.6	GDOT Review - Final Plans	15 days	Mon 3/25/24	Fri 4/12/24	255	0 days
257	1.5.4.2.2.7	Comment Resolution	1 wk	Sat 4/13/24	Wed 4/17/24	256	0 wks
258	1.5.4.2.2.8	Submit RFC Plans	0 days	Wed 4/17/24	Wed 4/17/24	257	0 days
259	1.5.4.2.2.9	GDOT Review - RFC Plans	5 days	Thu 4/18/24	Wed 4/24/24	258	2 days
260	1.5.4.2.2.10	Plans Released for Construction	0 days	Sun 4/28/24	Sun 4/28/24	259,249	0 days
261	**1.5.4.3**	**S3 South**	**105 days**	**Thu 2/29/24**	**Wed 6/12/24**		**416 days**
262	**1.5.4.3.1**	**Environmental**	**90 days**	**Thu 2/29/24**	**Tue 5/28/24**		**431 days**
263	1.5.4.3.1.1	Environmental Field Work	3 wks	Thu 2/29/24	Thu 3/14/24	227	0 wks
264	1.5.4.3.1.2	Prepare Re-evaluation Package	3 wks	Fri 3/15/24	Fri 3/29/24	263	0 wks
265	1.5.4.3.1.3	Submit Re-evaluation Package	0 days	Fri 3/29/24	Fri 3/29/24	264	0 days
266	1.5.4.3.1.4	GDOT Review	60 days	Sat 3/30/24	Tue 5/28/24	265	0 days
267	1.5.4.3.1.5	Submittal Approved	0 days	Tue 5/28/24	Tue 5/28/24	266	15 days
268	**1.5.4.3.2**	**Design**	**64 days**	**Wed 4/10/24**	**Wed 6/12/24**		**416 days**
269	1.5.4.3.2.1	Prelim design and layout	3 wks	Wed 4/10/24	Wed 4/24/24	263,235	0 wks
270	1.5.4.3.2.2	Internal Constructability Review	1 wk	Thu 4/25/24	Mon 4/29/24	269	0 wks
271	1.5.4.3.2.3	Finalize design	1 wk	Tue 4/30/24	Sat 5/4/24	270	0 wks
272	1.5.4.3.2.4	Design QA/QC	7 days	Sun 5/5/24	Sat 5/11/24	271	0 days
273	1.5.4.3.2.5	Submit Final Plans	0 days	Sat 5/11/24	Sat 5/11/24	272	1 day
274	1.5.4.3.2.6	GDOT Review - Final Plans	15 days	Mon 5/13/24	Fri 5/31/24	273	0 days
275	1.5.4.3.2.7	Comment Resolution	1 wk	Sat 6/1/24	Wed 6/5/24	274	0 wks
276	1.5.4.3.2.8	Submit RFC Plans	0 days	Wed 6/5/24	Wed 6/5/24	275	0 days
277	1.5.4.3.2.9	GDOT Review - RFC Plans	5 days	Thu 6/6/24	Wed 6/12/24	276	0 days
278	1.5.4.3.2.10	Plans Released for Construction	0 days	Wed 6/12/24	Wed 6/12/24	277,267	0 days
279							
280	**1.6**	**NTP 3**	**135 days**	**Mon 4/29/24**	**Tue 9/10/24**		**0 days**
281	**1.6.1**	**Segment 1 - State Line to Hub T**	**59 days**	**Mon 4/29/24**	**Wed 6/26/24**		**26 days**
282	**1.6.1.1**	**S1 North**	**14 days**	**Mon 4/29/24**	**Sun 5/12/24**		**26 days**
283	1.6.1.1.1	NTP 3 Conditions Notice	14 days	Mon 4/29/24	Sun 5/12/24	132	0 days
284	1.6.1.1.2	NTP Issued	0 days	Sun 5/12/24	Sun 5/12/24	283	0 days
285	**1.6.1.2**	**S1 Central**	**14 days**	**Sat 5/18/24**	**Fri 5/31/24**		**127 days**
286	1.6.1.2.1	NTP 3 Conditions Notice	14 days	Sat 5/18/24	Fri 5/31/24	150	0 days



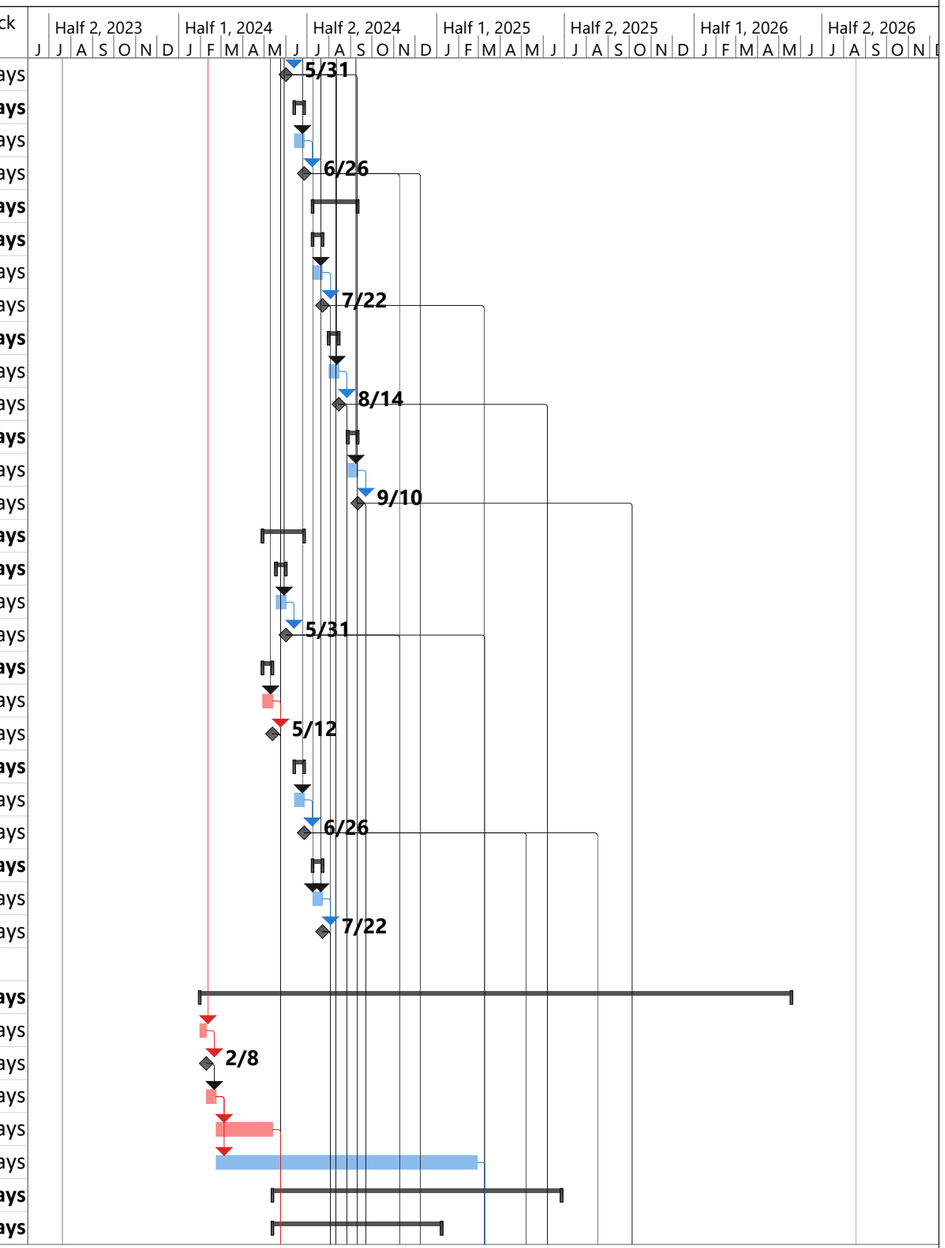
Brooks-Berry-Haynie
Electrical Contractors Since 1953

Task | Milestone | Summary | Deadline | Critical | Critical Split | Progress

GDOT FY 23 Interstate ITS and CV Implementation Project - PI 0019550

Proposal Schedule

ID	Task ID	Task Name	Duration	Start	Finish	Predecessors	Free Slack
287	1.6.1.2.2	NTP Issued	0 days	Fri 5/31/24	Fri 5/31/24	286	71 days
288	**1.6.1.3**	**S1 South**	**14 days**	**Thu 6/13/24**	**Wed 6/26/24**		**191 days**
289	1.6.1.3.1	NTP 3 Conditions Notice	14 days	Thu 6/13/24	Wed 6/26/24	168	0 days
290	1.6.1.3.2	NTP Issued	0 days	Wed 6/26/24	Wed 6/26/24	289	135 days
291	**1.6.2**	**Segment 2 - Hub T To Hub-CC**	**64 days**	**Tue 7/9/24**	**Tue 9/10/24**		**255 days**
292	**1.6.2.1**	**S2 North**	**14 days**	**Tue 7/9/24**	**Mon 7/22/24**		**255 days**
293	1.6.2.1.1	NTP 3 Conditions Notice	14 days	Tue 7/9/24	Mon 7/22/24	187	0 days
294	1.6.2.1.2	NTP Issued	0 days	Mon 7/22/24	Mon 7/22/24	293	0 days
295	**1.6.2.2**	**S2 Central**	**14 days**	**Thu 8/1/24**	**Wed 8/14/24**		**322 days**
296	1.6.2.2.1	NTP 3 Conditions Notice	14 days	Thu 8/1/24	Wed 8/14/24	205	0 days
297	1.6.2.2.2	NTP Issued	0 days	Wed 8/14/24	Wed 8/14/24	296	0 days
298	**1.6.2.3**	**S2 South**	**14 days**	**Wed 8/28/24**	**Tue 9/10/24**		**415 days**
299	1.6.2.3.1	NTP 3 Conditions Notice	14 days	Wed 8/28/24	Tue 9/10/24	223	0 days
300	1.6.2.3.2	NTP Issued	0 days	Tue 9/10/24	Tue 9/10/24	299	0 days
301	**1.6.3**	**Segment 3 - Hub CC to Northern Limits**	**59 days**	**Mon 4/29/24**	**Wed 6/26/24**		**0 days**
302	**1.6.3.1**	**S3 North**	**14 days**	**Sat 5/18/24**	**Fri 5/31/24**		**282 days**
303	1.6.3.1.1	NTP 3 Conditions Notice	14 days	Sat 5/18/24	Fri 5/31/24	242	0 days
304	1.6.3.1.2	NTP Issued	0 days	Fri 5/31/24	Fri 5/31/24	303	161 days
305	**1.6.3.2**	**S3 Central**	**14 days**	**Mon 4/29/24**	**Sun 5/12/24**		**0 days**
306	1.6.3.2.1	NTP 3 Conditions Notice	14 days	Mon 4/29/24	Sun 5/12/24	260	0 days
307	1.6.3.2.2	NTP Issued	0 days	Sun 5/12/24	Sun 5/12/24	306	0 days
308	**1.6.3.3**	**S3 South**	**14 days**	**Thu 6/13/24**	**Wed 6/26/24**		**416 days**
309	1.6.3.3.1	NTP 3 Conditions Notice	14 days	Thu 6/13/24	Wed 6/26/24	278	0 days
310	1.6.3.3.2	NTP Issued	0 days	Wed 6/26/24	Wed 6/26/24	309	315 days
311	**1.6.4**	**Bridge/Railroad Holdout**	**14 days**	**Tue 7/9/24**	**Mon 7/22/24**		**5 days**
312	1.6.4.1	NTP 3 Conditions Notice	14 days	Tue 7/9/24	Mon 7/22/24	93,105	0 days
313	1.6.4.2	NTP Issued	0 days	Mon 7/22/24	Mon 7/22/24	312	0 days
314							
315	**1.7**	**Construction Phase**	**839 days**	**Wed 1/31/24**	**Mon 5/18/26**		**0 days**
316	1.7.1	Develop Material Submittals	7 days	Wed 1/31/24	Thu 2/8/24	84	0 days
317	1.7.2	Submit Material	0 days	Thu 2/8/24	Thu 2/8/24	316	0 days
318	1.7.3	GDOT Review - Material Submittals	10 days	Fri 2/9/24	Thu 2/22/24	317	0 days
319	1.7.4	Material Procurement - Initial Material Release	80 days	Fri 2/23/24	Sun 5/12/24	318	0 days
320	1.7.5	Material Procurement - Ongoing	370 days	Fri 2/23/24	Wed 2/26/25	318	10 days
321	**1.7.6**	**Segment 1**	**410 days**	**Mon 5/13/24**	**Thu 6/26/25**		**26 days**
322	**1.7.6.1**	**S1 North**	**240 days**	**Mon 5/13/24**	**Tue 1/7/25**		**26 days**



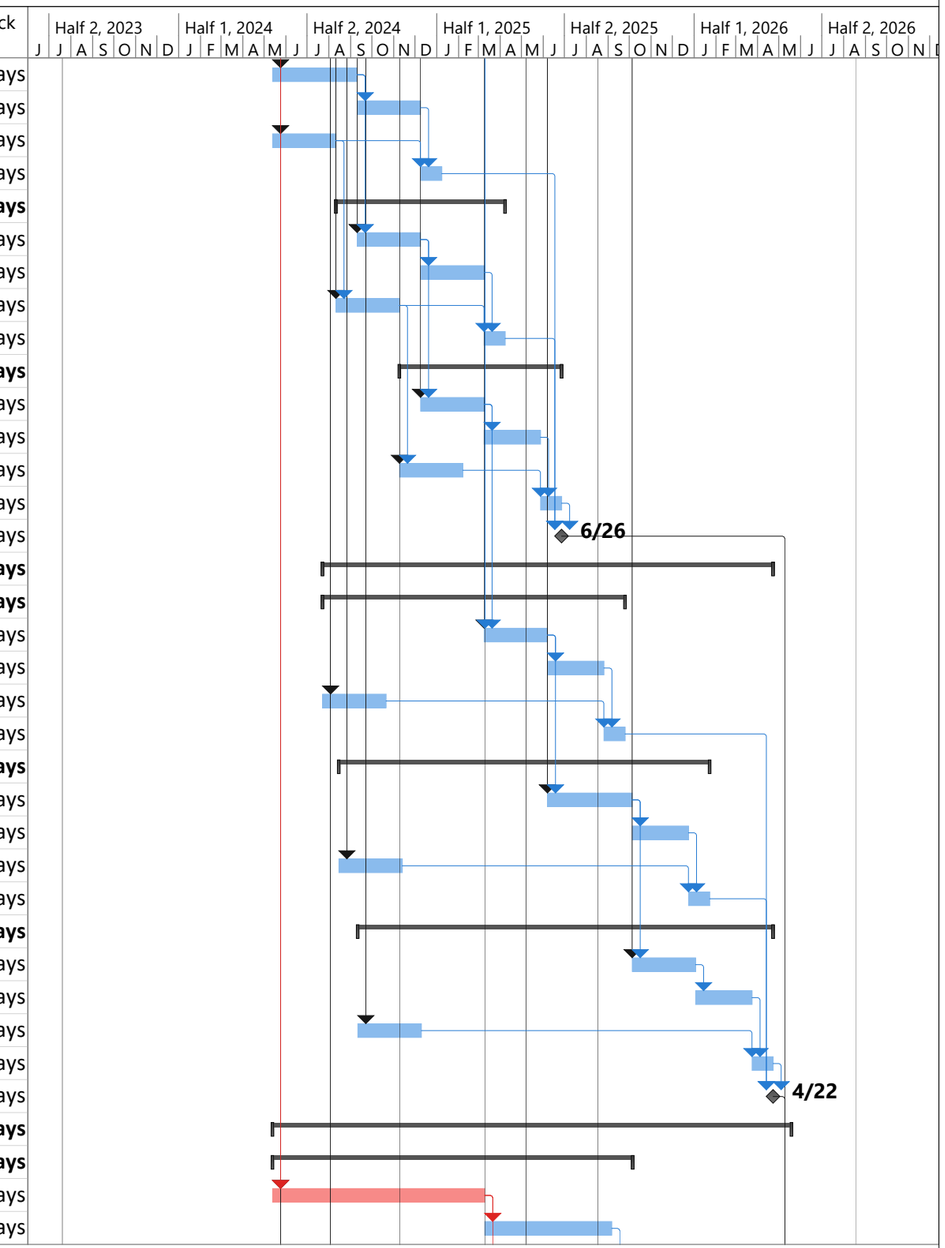
Brooks-Berry-Haynie
Electrical Contractors Since 1953

Task | Milestone | Summary | Deadline | Critical | Critical Split | Progress

GDOT FY 23 Interstate ITS and CV Implementation Project - PI 0019550

Proposal Schedule

ID	Task ID	Task Name	Duration	Start	Finish	Predecessors	Free Slack
323	1.7.6.1.1	Underground Infrastructure	120 days	Mon 5/13/24	Mon 9/9/24	284	0 days
324	1.7.6.1.2	Fiber Optic System	90 days	Tue 9/10/24	Sun 12/8/24	323	0 days
325	1.7.6.1.3	ITS Devices	90 days	Mon 5/13/24	Sat 8/10/24	284	0 days
326	1.7.6.1.4	Testing/Acceptance	30 days	Mon 12/9/24	Tue 1/7/25	324,325	170 days
327	**1.7.6.2**	**S1 Central**	**240 days**	**Sun 8/11/24**	**Mon 4/7/25**		**56 days**
328	1.7.6.2.1	Underground Infrastructure	90 days	Tue 9/10/24	Sun 12/8/24	287,323	0 days
329	1.7.6.2.2	Fiber Optic System	90 days	Mon 12/9/24	Sat 3/8/25	328	0 days
330	1.7.6.2.3	ITS Devices	90 days	Sun 8/11/24	Fri 11/8/24	287,325	0 days
331	1.7.6.2.4	Testing/Acceptance	30 days	Sun 3/9/25	Mon 4/7/25	329,330	80 days
332	**1.7.6.3**	**S1 South**	**230 days**	**Sat 11/9/24**	**Thu 6/26/25**		**56 days**
333	1.7.6.3.1	Underground Infrastructure	90 days	Mon 12/9/24	Sat 3/8/25	290,328	0 days
334	1.7.6.3.2	Fiber Optic System	80 days	Sun 3/9/25	Tue 5/27/25	333	0 days
335	1.7.6.3.3	ITS Devices	90 days	Sat 11/9/24	Thu 2/6/25	290,330	110 days
336	1.7.6.3.4	Testing/Acceptance	30 days	Wed 5/28/25	Thu 6/26/25	334,335	0 days
337	1.7.6.4	Segment 1 Turnover	0 days	Thu 6/26/25	Thu 6/26/25	326,331,336	326 days
338	**1.7.7**	**Segment 2**	**639 days**	**Tue 7/23/24**	**Wed 4/22/26**		**26 days**
339	**1.7.7.1**	**S2 North**	**429 days**	**Tue 7/23/24**	**Wed 9/24/25**		**236 days**
340	1.7.7.1.1	Underground Infrastructure	90 days	Sun 3/9/25	Fri 6/6/25	294,333,320	0 days
341	1.7.7.1.2	Fiber Optic System	80 days	Sat 6/7/25	Mon 8/25/25	340	0 days
342	1.7.7.1.3	ITS Devices	90 days	Tue 7/23/24	Sun 10/20/24	294	309 days
343	1.7.7.1.4	Testing/Acceptance	30 days	Tue 8/26/25	Wed 9/24/25	341,342	210 days
344	**1.7.7.2**	**S2 Central**	**526 days**	**Thu 8/15/24**	**Thu 1/22/26**		**116 days**
345	1.7.7.2.1	Underground Infrastructure	120 days	Sat 6/7/25	Sat 10/4/25	297,340	0 days
346	1.7.7.2.2	Fiber Optic System	80 days	Sun 10/5/25	Tue 12/23/25	345	0 days
347	1.7.7.2.3	ITS Devices	90 days	Thu 8/15/24	Tue 11/12/24	297	406 days
348	1.7.7.2.4	Testing/Acceptance	30 days	Wed 12/24/25	Thu 1/22/26	346,347	90 days
349	**1.7.7.3**	**S2 South**	**589 days**	**Wed 9/11/24**	**Wed 4/22/26**		**26 days**
350	1.7.7.3.1	Underground Infrastructure	90 days	Sun 10/5/25	Fri 1/2/26	300,345	0 days
351	1.7.7.3.2	Fiber Optic System	80 days	Sat 1/3/26	Mon 3/23/26	350	0 days
352	1.7.7.3.3	ITS Devices	90 days	Wed 9/11/24	Mon 12/9/24	300	469 days
353	1.7.7.3.4	Testing/Acceptance	30 days	Tue 3/24/26	Wed 4/22/26	351,352	0 days
354	1.7.7.4	Segment 2 Turnover	0 days	Wed 4/22/26	Wed 4/22/26	343,348,353	26 days
355	**1.7.8**	**Segment 3**	**736 days**	**Mon 5/13/24**	**Mon 5/18/26**		**0 days**
356	**1.7.8.1**	**S3 Central**	**511 days**	**Mon 5/13/24**	**Sun 10/5/25**		**0 days**
357	1.7.8.1.1	Underground Infrastructure	301 days	Mon 5/13/24	Sun 3/9/25	307,319	0 days
358	1.7.8.1.2	Fiber Optic System	180 days	Mon 3/10/25	Fri 9/5/25	357	0 days



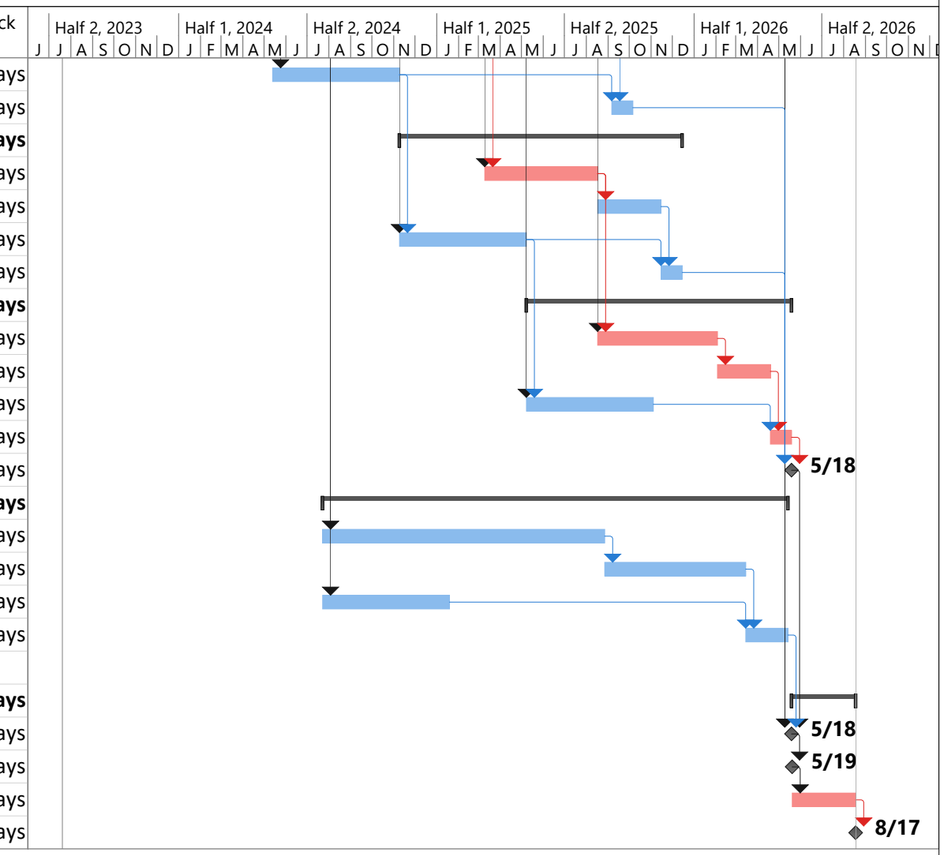
Brooks-Berry-Haynie
Electrical Contractors Since 1953

Task | Milestone | Summary | Deadline | Critical | Critical Split | Progress

GDOT FY 23 Interstate ITS and CV Implementation Project - PI 0019550

Proposal Schedule

ID	Task ID	Task Name	Duration	Start	Finish	Predecessors	Free Slack
359	1.7.8.1.3	ITS Devices	180 days	Mon 5/13/24	Fri 11/8/24	307	0 days
360	1.7.8.1.4	Testing/Acceptance	30 days	Sat 9/6/25	Sun 10/5/25	358,359	225 days
361	**1.7.8.2**	**S3 North**	**401 days**	**Sat 11/9/24**	**Sun 12/14/25**		**121 days**
362	1.7.8.2.1	Underground Infrastructure	160 days	Mon 3/10/25	Sat 8/16/25	304,357	0 days
363	1.7.8.2.2	Fiber Optic System	90 days	Sun 8/17/25	Fri 11/14/25	362	0 days
364	1.7.8.2.3	ITS Devices	180 days	Sat 11/9/24	Wed 5/7/25	304,359	0 days
365	1.7.8.2.4	Testing/Acceptance	30 days	Sat 11/15/25	Sun 12/14/25	363,364	155 days
366	**1.7.8.3**	**S3 South**	**376 days**	**Thu 5/8/25**	**Mon 5/18/26**		**0 days**
367	1.7.8.3.1	Underground Infrastructure	170 days	Sun 8/17/25	Mon 2/2/26	310,362	0 days
368	1.7.8.3.2	Fiber Optic System	75 days	Tue 2/3/26	Sat 4/18/26	367	0 days
369	1.7.8.3.3	ITS Devices	180 days	Thu 5/8/25	Mon 11/3/25	310,364	166 days
370	1.7.8.3.4	Testing/Acceptance	30 days	Sun 4/19/26	Mon 5/18/26	368,369	0 days
371	1.7.8.4	Segment 3 Turnover	0 days	Mon 5/18/26	Mon 5/18/26	365,360,370	0 days
372	**1.7.9**	**Holdout Work Packages**	**660 days**	**Tue 7/23/24**	**Wed 5/13/26**		**5 days**
373	1.7.9.1	Underground Infrastructure	400 days	Tue 7/23/24	Tue 8/26/25	313	0 days
374	1.7.9.2	Fiber Optic System	200 days	Wed 8/27/25	Sat 3/14/26	373	0 days
375	1.7.9.3	ITS Devices	180 days	Tue 7/23/24	Sat 1/18/25	313	420 days
376	1.7.9.4	Testing/Acceptance	60 days	Sun 3/15/26	Wed 5/13/26	374,375	5 days
377							
378	**1.8**	**Projected Milestone Dates**	**91 days**	**Mon 5/18/26**	**Mon 8/17/26**		**0 days**
379	1.8.1	Projected Substantial Completion	0 days	Mon 5/18/26	Mon 5/18/26	337,354,371,376	0 days
380	1.8.2	Substantial Completion Milestone Date	0 days	Tue 5/19/26	Tue 5/19/26	379	0 days
381	1.8.3	Final Acceptance Activities	90 days	Wed 5/20/26	Mon 8/17/26	380	0 days
382	1.8.4	Projected Final Acceptance	0 days	Mon 8/17/26	Mon 8/17/26	381	0 days



Brooks-Berry-Haynie
Electrical Contractors Since 1953

Task | Milestone | Summary | Deadline | Critical | Critical Split | Progress

Appendix B

Substantial Completion, and Final Acceptance Proposal

FORM M

FORM M
SUBSTANTIAL COMPLETION AND FINAL ACCEPTANCE PROPOSAL

Proposer Name: Brooks-Berry-Haynie & Associates, Inc.

The Proposer will commit to the Milestone Deadlines as set forth below in Table M-1. All days are calendar days.

Table M-1: Milestone Deadlines

Milestones	***Deadlines***
Substantial Completion Deadline	915 days after the date GDOT issues NTP1
Final Acceptance Deadline	90 days after the Substantial Completion Date

Date: 7/20/2023

Proposer: Brooks-Berry-Haynie & Associates, Inc.

Signature:

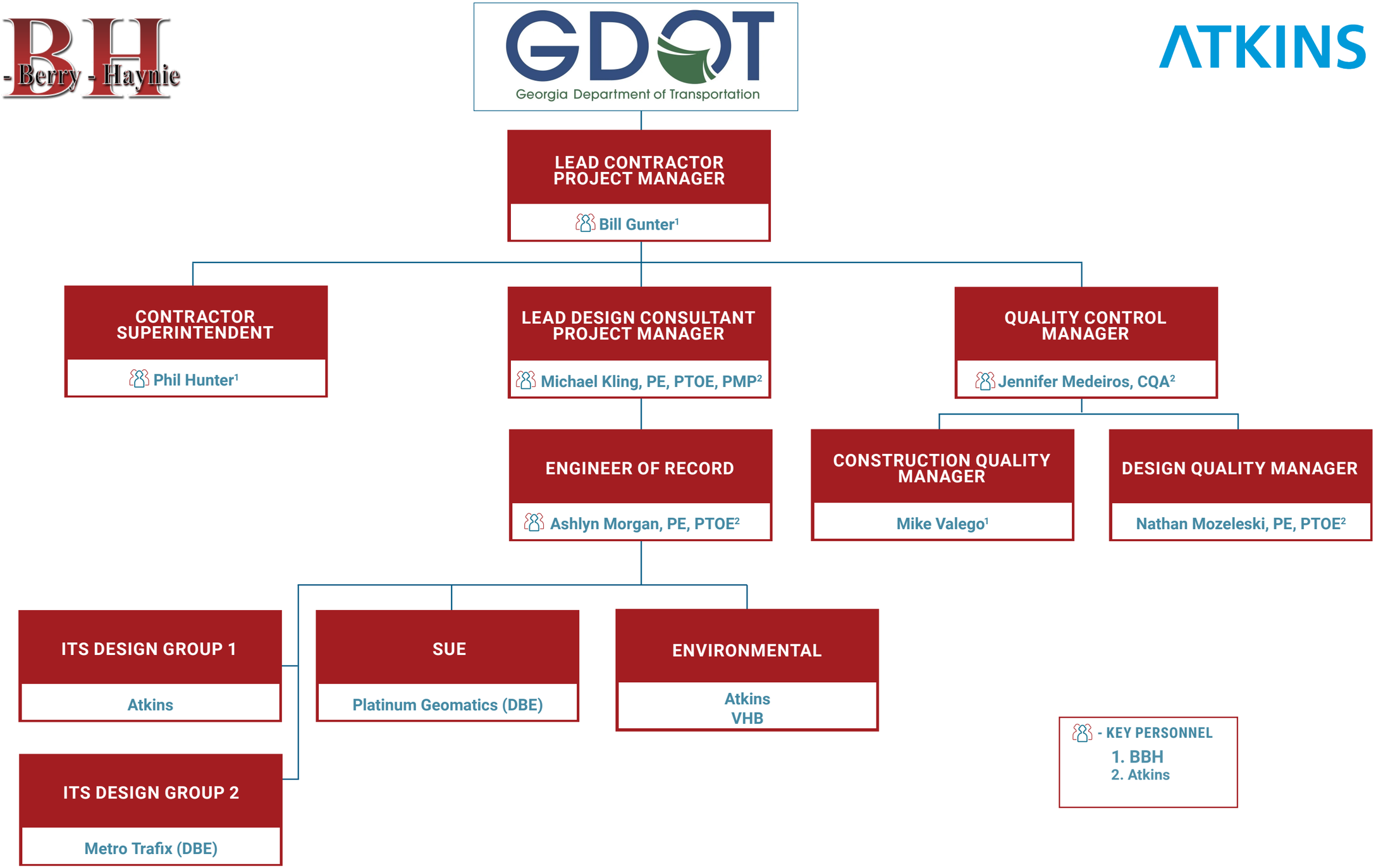
Title: President

Appendix C

Work Product

Work Product has been uploaded to E-Builder as a separate file within the PDMS Technical Proposal folder structure.

Appendix D

Organizational Chart

Organizational Chart