FDOT-T5700

Improvements at State Road 44 & I-95 Interchange

Main Contractor: CHINCHOR ELECTRIC INC.

CPM Scheduling Consultant: HSE CONTRACTORS INC.

Baseline Schedule Narrative

Notice to Proceed   March 26, 2021

Completion Date   January 9, 2022

Contents

1. Project Information

1.1. Project Description

The FDOT awarded construction contract no. T5700 to Chinchor Electric for the works of improvements at State Road (SR) No. 44 and I-95 Interchange.

Project Layout

1.2. Scope of Work

The improvements under this contract consist of milling & resurfacing, base work, shoulder treatment, drainage improvements, curb and gutter, traffic signals, lighting, highway signing, wrong way detection system (WWDS), and other incidental construction.

2. Project Phasing

2.1. Phase I

Phase I covers the scope from **STA. 111+72.97** to **STA. 112+77.26** on SR 44 west bound (WB) lane as well as the WWDS for I-95 south bound (SB) exit to SR 44 WB.

2.2. Phase II

Phase II covers the scope from **STA. 113+92.27** to **STA. 118+55.44** on SR 44 WB in addition to lighting and signalization works associated with the same area.

2.3. Phase III

Phase III covers the scope from **the I-95 NB exit to SR 44 EB** to **Memorial Medical Parkway** on SR 44 EB along with the signalization and communications works associated with the same area.

2.4. Phase IV

Phase IV covers the work from **STA. 110+00** to **the I-95 NB exit to SR 44 EB** on SR 44 EB and continues on the exit ramp until **STA 35+00** along with the signalization, communication, and WWDS works associated with the same area.

2.5. Phase V

Phase V covers the works of placing the friction course and striping and removal of MOT signs and Demobilization.
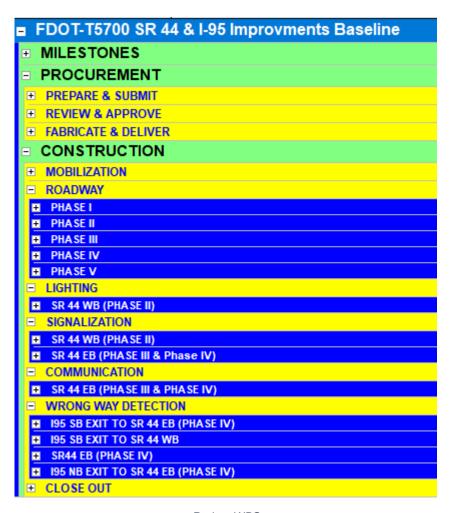
3. Key Dates

Item	Date	Duration
NTP	Mar-26-2021	
Flexible Start Time	Jul-24-2021	120 calendar days from NTP issuance
Project Finish	Jan-09-2021	170 calendar days from Start Time

4. WBS

The below figure is extracted from the baseline schedule of the project on the P6 software and shows all WBS levels. The table reflects how the contractor can mange all project components and monitor their progress separately and/ or collectively. The Milestones section includes all important milestones for the project. The Procurement section includes the procurement cycle for important materials arranged by the stage. And the Construction Section is divided into mobilization, then construction activities arranged by scope and stage, and finally close out.

Project WBS

5. Calendars

This section contains details on the calendars which are assigned on all activities. The calendar usage and assignment demonstrate that the builder has taken into account all official holidays and weekends, and has scheduled the project activities efficiently to minimize any risk on project completion. The Calendars used in this project are:

- FDOT 7 Day Calendar: the calendar is based on 7-day week and is assigned on milestones and procurement activities.
- FDOT 5 Day Calendar: the calendar is based on 5-day week and recognizes weekends and federal holidays as non-working days and is assigned to construction activities.

2021 Federal Holidays:

Date	Holiday
Friday, January 1	New Year's Day
Monday, January 18	Birthday of Martin Luther King, Jr.
Wednesday, January 20	Inauguration Day
Monday, February 15	Washington's Birthday
Monday, May 31	Memorial Day
Friday, June 18	Juneteenth National Independence Day
Monday, July 5	Independence Day
Monday, September 6	Labor Day
Monday, October 11	Columbus Day
Thursday, November 11	Veterans Day
Thursday, November 25	Thanksgiving Day
Friday, December 24	Christmas Day

2022 Federal Holidays:

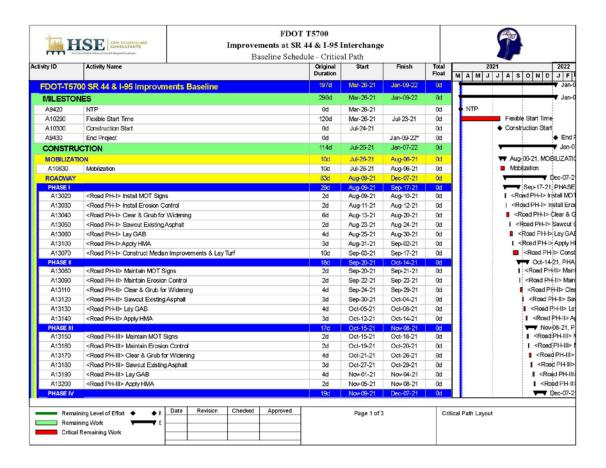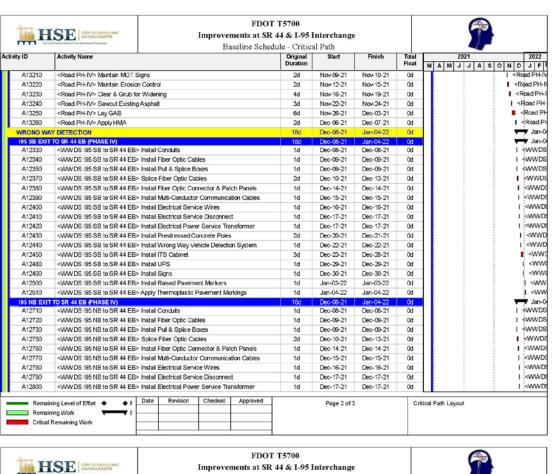| Date	Holiday
Friday, December 31, 2021	New Year's Day
Monday, January 17	Birthday of Martin Luther King, Jr.
Monday, February 21	Washington's Birthday
Monday, May 30	Memorial Day
Monday, June 20	Juneteenth National Independence Day
Monday, July 4	Independence Day
Monday, September 5	Labor Day
Monday, October 10	Columbus Day
Friday, November 11	Veterans Day
Thursday, November 24	Thanksgiving Day
Monday, December 26	Christmas Day

6. Working hours

The working hours are 8 hours per day, totalling 40 hours per week and 172 hours per month. These work durations have been used throughout all scheduled construction activities to calculate durations and remaining time to complete.
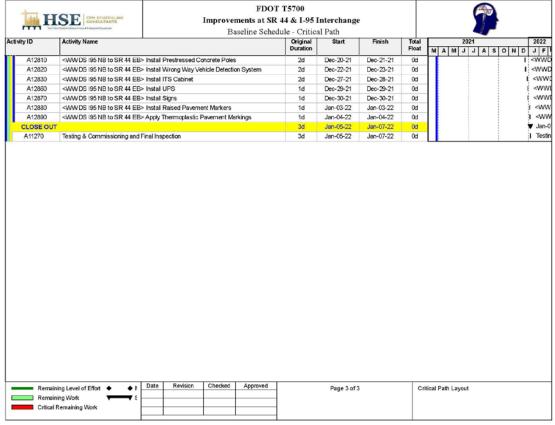
7. Critical path

The critical path of the project starts with mobilization and then moves on to roadway works moving from Phase I through to Phase IV followed by WWDS related to Phase IV and then close out, as detailed below.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2021 M A M J J A S O N D	2022 J F
A13210	<Road PH-IV> Maintain MOT Signs	2d	Nov-09-21	Nov-10-21	0d		I <Road PH-IV
A13220	<Road PH-IV> Maintain Erosion Control	2d	Nov-12-21	Nov-15-21	0d		I <Road PH-N
A13230	<Road PH-IV> Clear & Grub for Widening	4d	Nov-16-21	Nov-19-21	0d		I <Road PH-I
A13240	<Road PH-IV> Sawcut Existing Asphalt	3d	Nov-22-21	Nov-24-21	0d		I <Road PH-
A13250	<Road PH-IV> Lay GAB	6d	Nov-26-21	Dec-03-21	0d		I <Road PH
A13260	<Road PH-IV> Apply HMA	2d	Dec-06-21	Dec-07-21	0d		I <Road PH
WRONG WAY DETECTION		**18d**	**Dec-08-21**	**Jan-04-22**	**0d**		Jan-0
I95 SB EXIT TO SR 44 EB (PHASE IV)		**18d**	**Dec-08-21**	**Jan-04-22**	**0d**		Jan-0
A12330	<WWDS I95 SB to SR 44 EB> Install Conduits	1d	Dec-08-21	Dec-08-21	0d		I <WWDS
A12340	<WWDS I95 SB to SR 44 EB> Install Fiber Optic Cables	1d	Dec-09-21	Dec-09-21	0d		I <WWDS
A12350	<WWDS I95 SB to SR 44 EB> Install Pull & Splice Boxes	1d	Dec-09-21	Dec-09-21	0d		I <WWDS
A12370	<WWDS I95 SB to SR 44 EB> Splice Fiber Optic Cables	2d	Dec-10-21	Dec-13-21	0d		I <WWDS
A12380	<WWDS I95 SB to SR 44 EB> Install Fiber Optic Connector & Patch Panels	1d	Dec-14-21	Dec-14-21	0d		I <WWDS
A12390	<WWDS I95 SB to SR 44 EB> Install Multi-Conductor Communication Cables	1d	Dec-15-21	Dec-15-21	0d		I <WWDS
A12400	<WWDS I95 SB to SR 44 EB> Install Electrical Service Wires	1d	Dec-16-21	Dec-16-21	0d		I <WWDS
A12410	<WWDS I95 SB to SR 44 EB> Install Electrical Service Disconnect	1d	Dec-17-21	Dec-17-21	0d		I <WWDS
A12420	<WWDS I95 SB to SR 44 EB> Install Electrical Power Service Transformer	1d	Dec-17-21	Dec-17-21	0d		I <WWDS
A12430	<WWDS I95 SB to SR 44 EB> Install Prestressed Concrete Poles	2d	Dec-20-21	Dec-21-21	0d		I <WWD
A12440	<WWDS I95 SB to SR 44 EB> Install Wrong Way Vehicle Detection System	1d	Dec-22-21	Dec-22-21	0d		I <WWD
A12450	<WWDS I95 SB to SR 44 EB> Install ITS Cabinet	3d	Dec-23-21	Dec-28-21	0d		I <WWD
A12480	<WWDS I95 SB to SR 44 EB> Install UPS	1d	Dec-29-21	Dec-29-21	0d		<WWD
A12490	<WWDS I95 SB to SR 44 EB> Install Signs	1d	Dec-30-21	Dec-30-21	0d		<WWD
A12500	<WWDS I95 SB to SR 44 EB> Install Raised Pavement Markers	1d	Jan-03-22	Jan-03-22	0d		<WW
A12510	<WWDS I95 SB to SR 44 EB> Apply Thermoplastic Pavement Markings	1d	Jan-04-22	Jan-04-22	0d		<WW
I95 NB EXIT TO SR 44 EB (PHASE IV)		**18d**	**Dec-08-21**	**Jan-04-22**	**0d**		Jan-0
A12710	<WWDS I95 NB to SR 44 EB> Install Conduits	1d	Dec-08-21	Dec-08-21	0d		I <WWDS
A12720	<WWDS I95 NB to SR 44 EB> Install Fiber Optic Cables	1d	Dec-09-21	Dec-09-21	0d		I <WWDS
A12730	<WWDS I95 NB to SR 44 EB> Install Pull & Splice Boxes	1d	Dec-09-21	Dec-09-21	0d		I <WWDS
A12750	<WWDS I95 NB to SR 44 EB> Splice Fiber Optic Cables	2d	Dec-10-21	Dec-13-21	0d		I <WWDS
A12760	<WWDS I95 NB to SR 44 EB> Install Fiber Optic Connector & Patch Panels	1d	Dec-14-21	Dec-14-21	0d		I <WWDS
A12770	<WWDS I95 NB to SR 44 EB> Install Multi-Conductor Communication Cables	1d	Dec-15-21	Dec-15-21	0d		I <WWDS
A12780	<WWDS I95 NB to SR 44 EB> Install Electrical Service Wires	1d	Dec-16-21	Dec-16-21	0d		I <WWDS
A12790	<WWDS I95 NB to SR 44 EB> Install Electrical Service Disconnect	1d	Dec-17-21	Dec-17-21	0d		I <WWDS
A12800	<WWDS I95 NB to SR 44 EB> Install Electrical Power Service Transformer	1d	Dec-17-21	Dec-17-21	0d		I <WWDS

Remaining Level of Effort ◆ ◆ ▮
Remaining Work
Critical Remaining Work

Date	Revision	Checked	Approved

Page 2 of 3

Critical Path Layout

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2021 M A M J J A S O N D	2022 J F
A12810	<WWDS I95 NB to SR 44 EB> Install Prestressed Concrete Poles	2d	Dec-20-21	Dec-21-21	0d		I <WWD
A12820	<WWDS I95 NB to SR 44 EB> Install Wrong Way Vehicle Detection System	2d	Dec-22-21	Dec-23-21	0d		I <WWD
A12830	<WWDS I95 NB to SR 44 EB> Install ITS Cabinet	2d	Dec-27-21	Dec-28-21	0d		I <WWD
A12860	<WWDS I95 NB to SR 44 EB> Install UPS	1d	Dec-29-21	Dec-29-21	0d		<WWD
A12870	<WWDS I95 NB to SR 44 EB> Install Signs	1d	Dec-30-21	Dec-30-21	0d		<WWD
A12880	<WWDS I95 NB to SR 44 EB> Install Raised Pavement Markers	1d	Jan-03-22	Jan-03-22	0d		<WW
A12890	<WWDS I95 NB to SR 44 EB> Apply Thermoplastic Pavement Markings	1d	Jan-04-22	Jan-04-22	0d		<WW
CLOSE OUT		**3d**	**Jan-05-22**	**Jan-07-22**	**0d**		Jan-0
A11270	Testing & Commissioning and Final Inspection	3d	Jan-05-22	Jan-07-22	0d		I Testin

Remaining Level of Effort ◆ ◆ ▮
Remaining Work
Critical Remaining Work

Date	Revision	Checked	Approved

Page 3 of 3

Critical Path Layout

8. Conclusion

The project poses a number of challenges that have been successfully identified by the contractor as demonstrated in the detailed sequencing operations of the schedule and this narrative report.

The overall strategy is to start the roadway works first to complete the rough scope in the beginning of the project and then to clear the grounds for finer items such as electrical works and communications works for the signalization and WWDS to follow, all done with respect to the phasing strategy issued in the design drawings.

The schedule is built using Primavera (P6), with detailed activities down to the specific task to be executed on the job site.

9. Schedule Log

Scheduling/Leveling Report - 2021-12-17 09:38:31 - PM.EXE

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Default Project...FDOT-T5700-BL-1

Projects:

FDOT-T5700-BL-1..FDOT-T5700 SR 44 & I-95 Improvments Baseline

Scheduling/Leveling Settings:

General

Scheduling ....Yes

Leveling ....No

Ignore relationships to and from other projects ....No

Make open-ended activities critical ....No

Use Expected Finish Dates ....Yes

Schedule automatically when a change affects dates ....No

Level resources during scheduling ....No

Recalculate assignment costs after scheduling ....No

When scheduling progressed activities use ....Retained Logic

Calculate start-to-start lag from ....Early Start

Define critical activities as Total Float less than or equal to .0

Compute Total Float As ....Finish Float

Calculate float based on finish date of ....Each project

Calendar for scheduling Relationship Lag ....Predecessor Activity Calendar

Advanced

Calculate multiple float paths..................................Yes

Calculate multiple float paths using............................Total Float

Number of paths to calculate....................................10

Statistics:

Projects...1

Activities...249

Not Started..249

In Progress..0

Completed..0

Relationships..386

Activities with Constraint...................................1

       Project: FDOT-T5700-BL-1   Activity: A9430 End Project

Errors:

Warnings:

Activities without predecessors.................................1

Project: FDOT-T5700-BL-1   Activity: A9420 NTP

Activities without successors....................................1

Project: FDOT-T5700-BL-1   Activity: A9430 End Project

Out-of-sequence activities......................................0

Activities with Actual Dates > Data Date........................0

Milestone Activities with invalid relationships.................0

Finish milestone and predecessors have different calendars.......0

Scheduling/Leveling Results:

    # Projects Scheduled/Leveled....................................1

    # Activities Scheduled/Leveled................................249

    # Relationships with other projects............................0

    Data Date..Mar-26-21

    Earliest Early Start Date.......................................Mar-26-21

    Latest Early Finish Date..Jan-09-22

    Number of float paths...10

Exceptions:

    Critical Activities..63

        Project: FDOT-T5700-BL-1   Activity: A10290   Flexible Start Time

        Project: FDOT-T5700-BL-1   Activity: A10300   Construction Start

        Project: FDOT-T5700-BL-1   Activity: A10830   Mobilization

        Project: FDOT-T5700-BL-1   Activity: A11270   Testing &
Commissioning and Final Inspection

Project: FDOT-T5700-BL-1 Activity: A12330 <WWDS I95 SB to SR 44 EB> Install Conduits

Project: FDOT-T5700-BL-1 Activity: A12340 <WWDS I95 SB to SR 44 EB> Install Fiber Optic Cables

Project: FDOT-T5700-BL-1 Activity: A12350 <WWDS I95 SB to SR 44 EB> Install Pull & Splice Boxes

Project: FDOT-T5700-BL-1 Activity: A12370 <WWDS I95 SB to SR 44 EB> Splice Fiber Optic Cables

Project: FDOT-T5700-BL-1 Activity: A12380 <WWDS I95 SB to SR 44 EB> Install Fiber Optic Connector & Patch Panels

Project: FDOT-T5700-BL-1 Activity: A12390 <WWDS I95 SB to SR 44 EB> Install Multi-Conductor Communication Cables

Project: FDOT-T5700-BL-1 Activity: A12400 <WWDS I95 SB to SR 44 EB> Install Electrical Service Wires

Project: FDOT-T5700-BL-1 Activity: A12410 <WWDS I95 SB to SR 44 EB> Install Electrical Service Disconnect

Project: FDOT-T5700-BL-1 Activity: A12420 <WWDS I95 SB to SR 44 EB> Install Electrical Power Service Transformer

Project: FDOT-T5700-BL-1 Activity: A12430 <WWDS I95 SB to SR 44 EB> Install Prestressed Concrete Poles

Project: FDOT-T5700-BL-1 Activity: A12440 <WWDS I95 SB to SR 44 EB> Install Wrong Way Vehicle Detection System

Project: FDOT-T5700-BL-1 Activity: A12450 <WWDS I95 SB to SR 44 EB> Install ITS Cabinet

Project: FDOT-T5700-BL-1 Activity: A12480 <WWDS I95 SB to SR 44 EB> Install UPS

Project: FDOT-T5700-BL-1 Activity: A12490 <WWDS I95 SB to SR 44 EB> Install Signs

Project: FDOT-T5700-BL-1 Activity: A12500 <WWDS I95 SB to SR 44 EB> Install Raised Pavement Markers

Project: FDOT-T5700-BL-1 Activity: A12510 <WWDS I95 SB to SR 44 EB> Apply Thermoplastic Pavement Markings

Project: FDOT-T5700-BL-1 Activity: A12710 <WWDS I95 NB to SR 44 EB> Install Conduits

Project: FDOT-T5700-BL-1 Activity: A12720 <WWDS I95 NB to SR 44 EB> Install Fiber Optic Cables

Project: FDOT-T5700-BL-1 Activity: A12730 <WWDS I95 NB to SR 44 EB> Install Pull & Splice Boxes

Project: FDOT-T5700-BL-1 Activity: A12750 <WWDS I95 NB to SR 44 EB> Splice Fiber Optic Cables

Project: FDOT-T5700-BL-1 Activity: A12760 <WWDS I95 NB to SR 44 EB> Install Fiber Optic Connector & Patch Panels

Project: FDOT-T5700-BL-1 Activity: A12770 <WWDS I95 NB to SR 44 EB> Install Multi-Conductor Communication Cables

Project: FDOT-T5700-BL-1 Activity: A12780 <WWDS I95 NB to SR 44 EB> Install Electrical Service Wires

Project: FDOT-T5700-BL-1 Activity: A12790 <WWDS I95 NB to SR 44 EB> Install Electrical Service Disconnect

Project: FDOT-T5700-BL-1 Activity: A12800 <WWDS I95 NB to SR 44 EB> Install Electrical Power Service Transformer

Project: FDOT-T5700-BL-1 Activity: A12810 <WWDS I95 NB to SR 44 EB> Install Prestressed Concrete Poles

Project: FDOT-T5700-BL-1 Activity: A12820 <WWDS I95 NB to SR 44 EB> Install Wrong Way Vehicle Detection System

Project: FDOT-T5700-BL-1 Activity: A12830 <WWDS I95 NB to SR 44 EB> Install ITS Cabinet

Project: FDOT-T5700-BL-1 Activity: A12860 <WWDS I95 NB to SR 44 EB> Install UPS

Project: FDOT-T5700-BL-1 Activity: A12870 <WWDS I95 NB to SR 44 EB> Install Signs

Project: FDOT-T5700-BL-1 Activity: A12880 <WWDS I95 NB to SR 44 EB> Install Raised Pavement Markers

Project: FDOT-T5700-BL-1 Activity: A12890 <WWDS I95 NB to SR 44 EB> Apply Thermoplastic Pavement Markings

Project: FDOT-T5700-BL-1 Activity: A13020 <Road PH-I> Install MOT Signs

Project: FDOT-T5700-BL-1 Activity: A13030 <Road PH-I> Install Erosion Control

Project: FDOT-T5700-BL-1 Activity: A13040 <Road PH-I> Clear & Grub for Widening

Project: FDOT-T5700-BL-1 Activity: A13050 <Road PH-I> Sawcut Existing Asphalt

Project:	FDOT-T5700-BL-1	Activity:	A13060	<Road PH-I> Lay GAB
Project:	FDOT-T5700-BL-1	Activity:	A13070	<Road PH-I> Construct Median Improvements & Lay Turf
Project:	FDOT-T5700-BL-1	Activity:	A13080	<Road PH-II> Maintain MOT Signs
Project:	FDOT-T5700-BL-1	Activity:	A13090	<Road PH-II> Maintain Erosion Control
Project:	FDOT-T5700-BL-1	Activity:	A13100	<Road PH-I> Apply HMA
Project:	FDOT-T5700-BL-1	Activity:	A13110	<Road PH-II> Clear & Grub for Widening
Project:	FDOT-T5700-BL-1	Activity:	A13120	<Road PH-II> Sawcut Existing Asphalt
Project:	FDOT-T5700-BL-1	Activity:	A13130	<Road PH-II> Lay GAB
Project:	FDOT-T5700-BL-1	Activity:	A13140	<Road PH-II> Apply HMA
Project:	FDOT-T5700-BL-1	Activity:	A13150	<Road PH-III> Maintain MOT Signs
Project:	FDOT-T5700-BL-1	Activity:	A13160	<Road PH-III> Maintain Erosion Control
Project:	FDOT-T5700-BL-1	Activity:	A13170	<Road PH-III> Clear & Grub for Widening
Project:	FDOT-T5700-BL-1	Activity:	A13180	<Road PH-III> Sawcut Existing Asphalt
Project:	FDOT-T5700-BL-1	Activity:	A13190	<Road PH-III> Lay GAB
Project:	FDOT-T5700-BL-1	Activity:	A13200	<Road PH-III> Apply HMA
Project:	FDOT-T5700-BL-1	Activity:	A13210	<Road PH-IV> Maintain MOT Signs
Project:	FDOT-T5700-BL-1	Activity:	A13220	<Road PH-IV> Maintain Erosion Control
Project:	FDOT-T5700-BL-1	Activity:	A13230	<Road PH-IV> Clear & Grub for Widening
Project:	FDOT-T5700-BL-1	Activity:	A13240	<Road PH-IV> Sawcut Existing Asphalt

Project: FDOT-T5700-BL-1   Activity: A13250   <Road PH-IV> Lay GAB

Project: FDOT-T5700-BL-1   Activity: A13260   <Road PH-IV> Apply HMA

Project: FDOT-T5700-BL-1   Activity: A9420 NTP

Project: FDOT-T5700-BL-1   Activity: A9430 End Project

Activities with unsatisfied constraints..........................0

Activities with unsatisfied relationships........................0

Activities with external dates..................................0

Activities that are not on any float paths........................166

Project: FDOT-T5700-BL-1   Activity: A10000   <Rev & App> Raised Pavement Marker

Project: FDOT-T5700-BL-1   Activity: A10010   <Rev & App> Thermoplastic Pavement Marker

Project: FDOT-T5700-BL-1   Activity: A10020   <Fab & Del> Signal Cable

Project: FDOT-T5700-BL-1   Activity: A10030   <Fab & Del> Fiber Optic Cable

Project: FDOT-T5700-BL-1   Activity: A10040   <Fab & Del> Patch Panel

Project: FDOT-T5700-BL-1   Activity: A10050   <Fab & Del> Connector Panel

Project: FDOT-T5700-BL-1   Activity: A10060   <Fab & Del> Multi Conductor Cable

Project: FDOT-T5700-BL-1   Activity: A10070   <Fab & Del> Pull & Splice Box

Project: FDOT-T5700-BL-1   Activity: A10080   <Fab & Del> Electrical Power Service Meter

Project: FDOT-T5700-BL-1   Activity: A10090   <Fab & Del> Electrical Service Wire

Project:	FDOT-T5700-BL-1	Activity:	A10100	<Fab & Del> Electrical Service Disconnect
Project:	FDOT-T5700-BL-1	Activity:	A10110	<Fab & Del> Transformer
Project:	FDOT-T5700-BL-1	Activity:	A10120	<Fab & Del> Prestressed Concrete Pole
Project:	FDOT-T5700-BL-1	Activity:	A10130	<Fab & Del> Aluminum Pole
Project:	FDOT-T5700-BL-1	Activity:	A10140	<Fab & Del> Steel Mast Arm
Project:	FDOT-T5700-BL-1	Activity:	A10150	<Fab & Del> Vehicular Traffic Signal
Project:	FDOT-T5700-BL-1	Activity:	A10160	<Fab & Del> Inductive Loop Detector
Project:	FDOT-T5700-BL-1	Activity:	A10170	<Fab & Del> Inductive Loop
Project:	FDOT-T5700-BL-1	Activity:	A10180	<Fab & Del> Wrong Way Detection System
Project:	FDOT-T5700-BL-1	Activity:	A10190	<Fab & Del> Signal Priority & Preemption System
Project:	FDOT-T5700-BL-1	Activity:	A10200	<Fab & Del> Traffic Controller
Project:	FDOT-T5700-BL-1	Activity:	A10210	<Fab & Del> ITS Cabinet
Project:	FDOT-T5700-BL-1	Activity:	A10220	<Fab & Del> CCTV Camera
Project:	FDOT-T5700-BL-1	Activity:	A10230	<Fab & Del> Ethernet Switch
Project:	FDOT-T5700-BL-1	Activity:	A10240	<Fab & Del> Media Converter
Project:	FDOT-T5700-BL-1	Activity:	A10250	<Fab & Del> UPS
Project:	FDOT-T5700-BL-1	Activity:	A10260	<Fab & Del> Signs
Project:	FDOT-T5700-BL-1	Activity:	A10270	<Fab & Del> Raised Pavement Marker
Project:	FDOT-T5700-BL-1	Activity:	A10280	<Fab & Del> Thermoplastic Pavement Marker

| | Project: | FDOT-T5700-BL-1 | Activity: | A10850 | <Light> Install Conduits for Lighting |

| | Project: | FDOT-T5700-BL-1 | Activity: | A10860 | <Light> Install Pull & Splice Boxes for Lighting |

| | Project: | FDOT-T5700-BL-1 | Activity: | A10870 | <Light> Install Lighting Conductors |

| | Project: | FDOT-T5700-BL-1 | Activity: | A10880 | <Light> Relocate Light Pole |

| | Project: | FDOT-T5700-BL-1 | Activity: | A10890 | <Prep & Sub> Lighting Conductors |

| | Project: | FDOT-T5700-BL-1 | Activity: | A10900 | <Rev & App> Lighting Conductors |

| | Project: | FDOT-T5700-BL-1 | Activity: | A10910 | <Fab & Del> Lighting Conductors |

| | Project: | FDOT-T5700-BL-1 | Activity: | A11780 | <Sign SR44 WB> Install Conduits |

| | Project: | FDOT-T5700-BL-1 | Activity: | A11790 | <Sign SR44 WB> Install Signal Cables |

| | Project: | FDOT-T5700-BL-1 | Activity: | A11800 | <Sign SR44 WB> Remove Existing Signal Cables |

| | Project: | FDOT-T5700-BL-1 | Activity: | A11810 | <Sign SR44 WB> Install Multi-Conductor Communication Cables |

| | Project: | FDOT-T5700-BL-1 | Activity: | A11820 | <Sign SR44 WB> Install Pull & Splice Boxes |

| | Project: | FDOT-T5700-BL-1 | Activity: | A11830 | <Sign SR44 WB> Install Electrical Service Wires |

| | Project: | FDOT-T5700-BL-1 | Activity: | A11840 | <Sign SR44 WB> Install Electrical Service Disconnect |

| | Project: | FDOT-T5700-BL-1 | Activity: | A11850 | <Sign SR44 WB> Install Prestressed Concrete Poles |

| | Project: | FDOT-T5700-BL-1 | Activity: | A11860 | <Sign SR44 WB> Remove Existing Prestressed Concrete Poles |

| | Project: | FDOT-T5700-BL-1 | Activity: | A11870 | <Sign SR44 WB> Install Aluminum Signal Poles |

| | Project: | FDOT-T5700-BL-1 | Activity: | A11880 | <Sign SR44 WB> Remove Existing Aluminum Signal Poles |

Project: FDOT-T5700-BL-1   Activity: A11890   <Sign SR44 WB>
Install Steel Mast Arm

Project: FDOT-T5700-BL-1   Activity: A11900   <Sign SR44 WB>
Install Aluminum Vehicular Traffic Signals

Project: FDOT-T5700-BL-1   Activity: A11910   <Sign SR44 WB>
Install Inductive Loop Detector

Project: FDOT-T5700-BL-1   Activity: A11920   <Sign SR44 WB>
Install Inductive Loop

Project: FDOT-T5700-BL-1   Activity: A11930   <Sign SR44 WB>
Relocate Vehicle Detection System Equipment

Project: FDOT-T5700-BL-1   Activity: A11940   <Sign SR44 WB>
Install Signal Priority & Preemption System

Project: FDOT-T5700-BL-1   Activity: A11950   <Sign SR44 WB>
Install Traffic Controller

Project: FDOT-T5700-BL-1   Activity: A11960   <Sign SR44 WB>
Remove Existing Traffic Controller

Project: FDOT-T5700-BL-1   Activity: A11970   <Sign SR44 WB>
Relocate System Control Equipment

Project: FDOT-T5700-BL-1   Activity: A11980   <Sign SR44 WB>
Install ITS CCTV Cameras

Project: FDOT-T5700-BL-1   Activity: A11990   <Sign SR44 WB>
Install UPS

Project: FDOT-T5700-BL-1   Activity: A12000   <Sign SR44 WB>
Install Signs

Project: FDOT-T5700-BL-1   Activity: A12020   <Sign SR44 EB> Install
Conduits

Project: FDOT-T5700-BL-1   Activity: A12030   <Sign SR44 EB> Install
Signal Cables

Project: FDOT-T5700-BL-1   Activity: A12040   <Sign SR44 EB>
Remove Existing Signal Cables

Project: FDOT-T5700-BL-1   Activity: A12050   <Sign SR44 EB> Install
Multi-Conductor Communication Cables

Project: FDOT-T5700-BL-1   Activity: A12060   <Sign SR44 EB> Install
Pull & Splice Boxes

Project: FDOT-T5700-BL-1   Activity: A12070   <Sign SR44 EB> Install
Electrical Service Wires

Project: FDOT-T5700-BL-1 Activity: A12080 <Sign SR44 EB> Install Electrical Service Disconnect

Project: FDOT-T5700-BL-1 Activity: A12090 <Sign SR44 EB> Install Prestressed Concrete Poles

Project: FDOT-T5700-BL-1 Activity: A12100 <Sign SR44 EB> Remove Existing Prestressed Concrete Poles

Project: FDOT-T5700-BL-1 Activity: A12110 <Sign SR44 EB> Install Aluminum Signal Poles

Project: FDOT-T5700-BL-1 Activity: A12120 <Sign SR44 EB> Remove Existing Aluminum Signal Poles

Project: FDOT-T5700-BL-1 Activity: A12130 <Sign SR44 EB> Install Steel Mast Arm

Project: FDOT-T5700-BL-1 Activity: A12140 <Sign SR44 EB> Install Aluminum Vehicular Traffic Signals

Project: FDOT-T5700-BL-1 Activity: A12150 <Sign SR44 EB> Install Inductive Loop Detector

Project: FDOT-T5700-BL-1 Activity: A12160 <Sign SR44 EB> Install Inductive Loop

Project: FDOT-T5700-BL-1 Activity: A12170 <Sign SR44 EB> Relocate Vehicle Detection System Equipment

Project: FDOT-T5700-BL-1 Activity: A12180 <Sign SR44 EB> Install Signal Priority & Preemption System

Project: FDOT-T5700-BL-1 Activity: A12190 <Sign SR44 EB> Install Traffic Controller

Project: FDOT-T5700-BL-1 Activity: A12200 <Sign SR44 EB> Remove Existing Traffic Controller

Project: FDOT-T5700-BL-1 Activity: A12210 <Sign SR44 EB> Relocate System Control Equipment

Project: FDOT-T5700-BL-1 Activity: A12220 <Sign SR44 EB> Install ITS CCTV Cameras

Project: FDOT-T5700-BL-1 Activity: A12230 <Sign SR44 EB> Install UPS

Project: FDOT-T5700-BL-1 Activity: A12240 <Sign SR44 EB> Install Signs

Project: FDOT-T5700-BL-1 Activity: A12250 <Sign SR44 EB> Remove Existing Light Pole

Project: FDOT-T5700-BL-1 Activity: A12260 <Comm> Install Conduits

Project: FDOT-T5700-BL-1 Activity: A12270 <Comm> Install Fiber Optic Cables

Project: FDOT-T5700-BL-1 Activity: A12280 <Comm> Remove Existing Fiber Optic Cables

Project: FDOT-T5700-BL-1 Activity: A12290 <Comm> Splice Fiber Optic Cables

Project: FDOT-T5700-BL-1 Activity: A12300 <Comm> Install Fiber Optic Patch Panel

Project: FDOT-T5700-BL-1 Activity: A12310 <Comm> Install Pull & Splice Boxes

Project: FDOT-T5700-BL-1 Activity: A12320 <Comm> Install Field Managed Ethernet Switches

Project: FDOT-T5700-BL-1 Activity: A12360 <WWDS I95 SB to SR 44 EB> Remove Existing Fiber Optic Cables

Project: FDOT-T5700-BL-1 Activity: A12520 <WWDS I95 SB to SR 44 WB> Install Conduits

Project: FDOT-T5700-BL-1 Activity: A12530 <WWDS I95 SB to SR 44 WB> Install Fiber Optic Cables

Project: FDOT-T5700-BL-1 Activity: A12540 <WWDS I95 SB to SR 44 WB> Install Pull & Splice Boxes

Project: FDOT-T5700-BL-1 Activity: A12550 <WWDS I95 SB to SR 44 WB> Remove Existing Fiber Optic Cables

Project: FDOT-T5700-BL-1 Activity: A12560 <WWDS I95 SB to SR 44 WB> Splice Fiber Optic Cables

Project: FDOT-T5700-BL-1 Activity: A12570 <WWDS I95 SB to SR 44 WB> Install Fiber Optic Connector & Patch Panels

Project: FDOT-T5700-BL-1 Activity: A12580 <WWDS I95 SB to SR 44 WB> Install Multi-Conductor Communication Cables

Project: FDOT-T5700-BL-1 Activity: A12590 <WWDS I95 SB to SR 44 WB> Install Electrical Service Wires

Project: FDOT-T5700-BL-1 Activity: A12600 <WWDS I95 SB to SR 44 WB> Install Electrical Service Disconnect

Project: FDOT-T5700-BL-1 Activity: A12610 <WWDS I95 SB to SR 44 WB> Install Electrical Power Service Transformer

Project: FDOT-T5700-BL-1 Activity: A12620 <WWDS I95 SB to SR 44 WB> Install Prestressed Concrete Poles

Project: FDOT-T5700-BL-1 Activity: A12630 <WWDS I95 SB to SR 44 WB> Install Wrong Way Vehicle Detection System

Project: FDOT-T5700-BL-1 Activity: A12640 <WWDS I95 SB to SR 44 WB> Install ITS Cabinet

Project: FDOT-T5700-BL-1 Activity: A12650 <WWDS I95 SB to SR 44 WB> Install ITS CCTV Cameras

Project: FDOT-T5700-BL-1 Activity: A12660 <WWDS I95 SB to SR 44 WB> Install Field Managed Ethernet Switches

Project: FDOT-T5700-BL-1 Activity: A12670 <WWDS I95 SB to SR 44 WB> Install UPS

Project: FDOT-T5700-BL-1 Activity: A12680 <WWDS I95 SB to SR 44 WB> Install Signs

Project: FDOT-T5700-BL-1 Activity: A12690 <WWDS I95 SB to SR 44 WB> Install Raised Pavement Markers

Project: FDOT-T5700-BL-1 Activity: A12700 <WWDS I95 SB to SR 44 WB> Apply Thermoplastic Pavement Markings

Project: FDOT-T5700-BL-1 Activity: A12740 <WWDS I95 NB to SR 44 EB> Remove Existing Fiber Optic Cables

Project: FDOT-T5700-BL-1 Activity: A12920 <WWDS SR 44 EB> Install Pull & Splice Boxes

Project: FDOT-T5700-BL-1 Activity: A9440 <Rev & App> Conduits

Project: FDOT-T5700-BL-1 Activity: A9450 <Fab & Del> Conduits

Project: FDOT-T5700-BL-1 Activity: A9460 <Prep & Sub> Signal Cable

Project: FDOT-T5700-BL-1 Activity: A9470 <Prep & Sub> Fiber Optic Cable

Project: FDOT-T5700-BL-1 Activity: A9480 <Prep & Sub> Patch Panel

Project: FDOT-T5700-BL-1 Activity: A9490 <Prep & Sub> Connector Panel

Project: FDOT-T5700-BL-1 Activity: A9500 <Prep & Sub> Multi Conductor Cable

Project: FDOT-T5700-BL-1 Activity: A9510 <Prep & Sub> Pull & Splice Box

Project: FDOT-T5700-BL-1 Activity: A9520 <Prep & Sub> Electrical Power Service Meter

Project:	FDOT-T5700-BL-1	Activity:	A9530 <Prep & Sub> Electrical Service Wire
Project:	FDOT-T5700-BL-1	Activity:	A9540 <Prep & Sub> Electrical Service Disconnect
Project:	FDOT-T5700-BL-1	Activity:	A9550 <Prep & Sub> Transformer
Project:	FDOT-T5700-BL-1	Activity:	A9560 <Prep & Sub> Prestressed Concrete Pole
Project:	FDOT-T5700-BL-1	Activity:	A9570 <Prep & Sub> Aluminum Pole
Project:	FDOT-T5700-BL-1	Activity:	A9580 <Prep & Sub> Steel Mast Arm
Project:	FDOT-T5700-BL-1	Activity:	A9590 <Prep & Sub> Vehicular Traffic Signal
Project:	FDOT-T5700-BL-1	Activity:	A9600 <Prep & Sub> Inductive Loop Detector
Project:	FDOT-T5700-BL-1	Activity:	A9610 <Prep & Sub> Inductive Loop
Project:	FDOT-T5700-BL-1	Activity:	A9620 <Prep & Sub> Wrong Way Detection System
Project:	FDOT-T5700-BL-1	Activity:	A9630 <Prep & Sub> Signal Priority & Preemption System
Project:	FDOT-T5700-BL-1	Activity:	A9640 <Prep & Sub> Traffic Controller
Project:	FDOT-T5700-BL-1	Activity:	A9650 <Prep & Sub> ITS Cabinet
Project:	FDOT-T5700-BL-1	Activity:	A9660 <Prep & Sub> CCTV Camera
Project:	FDOT-T5700-BL-1	Activity:	A9670 <Prep & Sub> Ethernet Switch
Project:	FDOT-T5700-BL-1	Activity:	A9680 <Prep & Sub> Media Converter
Project:	FDOT-T5700-BL-1	Activity:	A9690 <Prep & Sub> UPS
Project:	FDOT-T5700-BL-1	Activity:	A9700 <Prep & Sub> Signs
Project:	FDOT-T5700-BL-1	Activity:	A9730 <Prep & Sub> Raised Pavement Marker
Project:	FDOT-T5700-BL-1	Activity:	A9740 <Prep & Sub> Thermoplastic Pavement Marker
Project:	FDOT-T5700-BL-1	Activity:	A9750 <Rev & App> Signal Cable
Project:	FDOT-T5700-BL-1	Activity:	A9760 <Rev & App> Fiber Optic Cable

	Project:	FDOT-T5700-BL-1	Activity:	A9770 <Rev & App> Patch Panel
	Project:	FDOT-T5700-BL-1	Activity:	A9780 <Rev & App> Connector Panel
	Project:	FDOT-T5700-BL-1	Activity:	A9790 <Rev & App> Multi Conductor Cable
	Project:	FDOT-T5700-BL-1	Activity:	A9800 <Rev & App> Pull & Splice Box
	Project:	FDOT-T5700-BL-1	Activity:	A9810 <Rev & App> Electrical Power Service Meter
	Project:	FDOT-T5700-BL-1	Activity:	A9820 <Rev & App> Electrical Service Wire
	Project:	FDOT-T5700-BL-1	Activity:	A9830 <Rev & App> Electrical Service Disconnect
	Project:	FDOT-T5700-BL-1	Activity:	A9840 <Rev & App> Transformer
	Project:	FDOT-T5700-BL-1	Activity:	A9850 <Rev & App> Prestressed Concrete Pole
	Project:	FDOT-T5700-BL-1	Activity:	A9860 <Rev & App> Aluminum Pole
	Project:	FDOT-T5700-BL-1	Activity:	A9870 <Rev & App> Steel Mast Arm
	Project:	FDOT-T5700-BL-1	Activity:	A9880 <Rev & App> Vehicular Traffic Signal
	Project:	FDOT-T5700-BL-1	Activity:	A9890 <Rev & App> Inductive Loop Detector
	Project:	FDOT-T5700-BL-1	Activity:	A9900 <Rev & App> Inductive Loop
	Project:	FDOT-T5700-BL-1	Activity:	A9910 <Rev & App> Wrong Way Detection System
	Project:	FDOT-T5700-BL-1	Activity:	A9920 <Rev & App> Signal Priority & Preemption System
	Project:	FDOT-T5700-BL-1	Activity:	A9930 <Rev & App> Traffic Controller
	Project:	FDOT-T5700-BL-1	Activity:	A9940 <Rev & App> ITS Cabinet
	Project:	FDOT-T5700-BL-1	Activity:	A9950 <Rev & App> CCTV Camera
	Project:	FDOT-T5700-BL-1	Activity:	A9960 <Rev & App> Ethernet Switch
	Project:	FDOT-T5700-BL-1	Activity:	A9970 <Rev & App> Media Converter
	Project:	FDOT-T5700-BL-1	Activity:	A9980 <Rev & App> UPS
	Project:	FDOT-T5700-BL-1	Activity:	A9990 <Rev & App> Signs