

Project Schedule Narrative Report

For The

Caltrans 007-0W4004

Prepared by _ .



August 23, 2023

Baseline Schedule Analysis

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Section 1 - Key Milestones Summary

Notice to Proceed: September [REDACTED]

Final Completion: November [REDACTED]

Job Site Management every Monday starting [REDACTED]

Section 2 - Critical / Longest Path

The critical path consists of the following activity and stages. The Longest path diagram is shown in Exhibit 1

The Longest path begins with Preliminaries

1. NTP
2. [REDACTED]

The LP then falls into Execution through

1. [REDACTED]
2. Individual Slab Replacement Works
3. Grinding Works
4. [REDACTED]
5. [REDACTED]
6. [REDACTED]
7. Stripping
8. [REDACTED]
9. Demobilization

Section 4 - Schedule Analysis

scheduling/Leveling Report - 2023-08-23 10:23:03 - PM.exe

Default Project.....07-0W4004-BL

Projects:
07-0W4004-BL.....Caltrans 07-0W4004 CPM Baseline Schedule Rev 0.0

Scheduling/Leveling Settings:

General

SchedulingYes
LevelingNo

Use Expected Finish DatesYes

Recalculate assignment costs after schedulingNo

Calculate start-to-start lag fromEarly Start
Define critical activities as Total Float less than or equal to .0

Advanced

Calculate multiple float paths.....No

Statistics:

Projects.....1
Activities.....172
In Progress.....0
Activities with Constraint.....12

Project: 07-0W4004-BL Activity: MS-0030 Job Site Management #2

Project: 07-0W4004-BL Activity: MS-0080 Job Site Management #7

Project: 07-0W4004-BL Activity: MS-0090 Job Site Management #8

Project: 07-0W4004-BL Activity: MS-0120 Project Finish

Errors:

Warnings:

Activities without successors.....1

Project: 07-0W4004-BL Activity: MS-0120 Project Finish

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

Milestone Activities with invalid relationships.....0

Scheduling/Leveling Results:

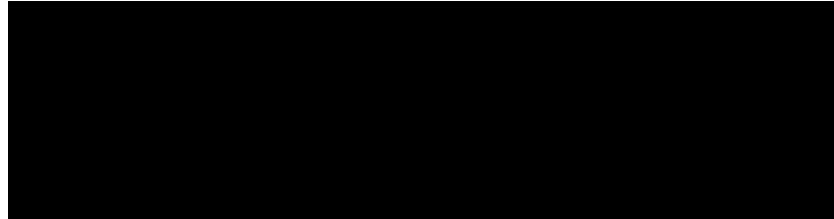
Projects Scheduled/Leveled.....1
Activities Scheduled/Leveled.....172

Relationships with other projects.....0
Data Date.....11-Sep-23
Earliest Early Start Date.....11-Sep-23
Latest Early Finish Date.....23-Nov-23

Exceptions:

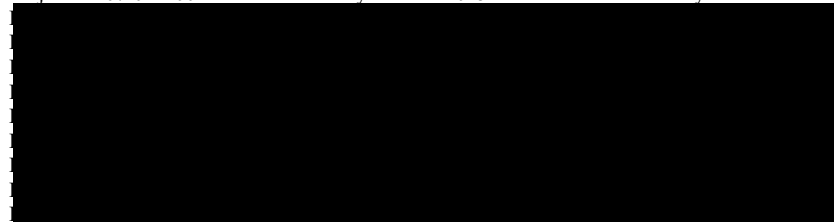
Critical Activities.....172

Project: 07-0W4004-BL Activity: CON-0010 Mobilization to Site

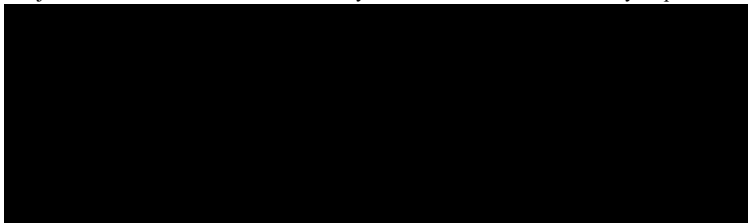


Vehicle

Project: 07-0W4004-BL Activity: CON-0995 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-100 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-1000 Crack Treatment
Project: 07-0W4004-BL Activity: CON-1005 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-1010 Crack Treatment
Project: 07-0W4004-BL Activity: CON-1015 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-1020 Crack Treatment
Project: 07-0W4004-BL Activity: CON-1025 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-1030 Crack Treatment
Project: 07-0W4004-BL Activity: CON-1035 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-1040 Crack Treatment
Project: 07-0W4004-BL Activity: CON-1045 Install Traffic Control System

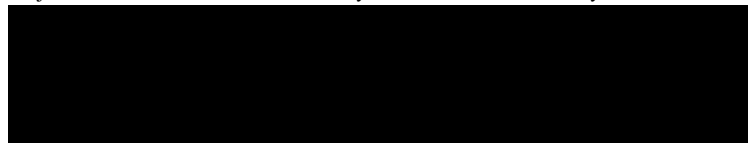


Project: 07-0W4004-BL Activity: CON-1095 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-110 Install Stationary Impact Attenuator Vehicle



Project: 07-0W4004-BL Activity: CON-1220 Install Slurry Seal
Project: 07-0W4004-BL Activity: CON-1230 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-1240 Install Slurry Seal

Project: 07-0W4004-BL Activity: CON-1270 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-1280 Install Slurry Seal
Project: 07-0W4004-BL Activity: CON-1290 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-130 Replace Base
Project: 07-0W4004-BL Activity: CON-1300 Install Slurry Seal



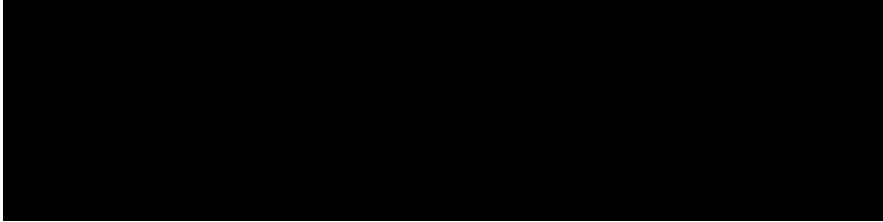
Project: 07-0W4004-BL Activity: CON-1370 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-1380 Install Slurry Seal



Project: 07-0W4004-BL Activity: CON-1400 Install Slurry Seal
Project: 07-0W4004-BL Activity: CON-1410 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-1420 Install Slurry Seal
Project: 07-0W4004-BL Activity: CON-1430 Install Traffic Control System



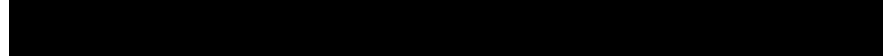
Project: 07-0W4004-BL Activity: CON-180 Install Stationary Impact Attenuator Vehicle
Project: 07-0W4004-BL Activity: CON-190 Install Mobile Barrier System
Project: 07-0W4004-BL Activity: CON-200 Replace Base
Project: 07-0W4004-BL Activity: CON-210 Install Basebond Breaker
Project: 07-0W4004-BL Activity: CON-220 Drill & Bond Breaker
Project: 07-0W4004-BL Activity: CON-230 Individual Slab Replacement (RSC)



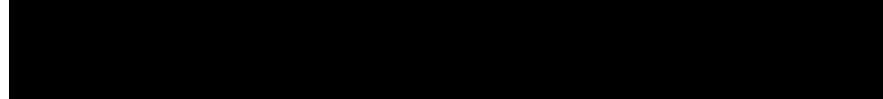
Project: 07-0W4004-BL Activity: CON-330 Install Mobile Barrier System
Project: 07-0W4004-BL Activity: CON-340 Replace Base
Project: 07-0W4004-BL Activity: CON-350 Install Basebond Breaker
Project: 07-0W4004-BL Activity: CON-360 Drill & Bond Breaker



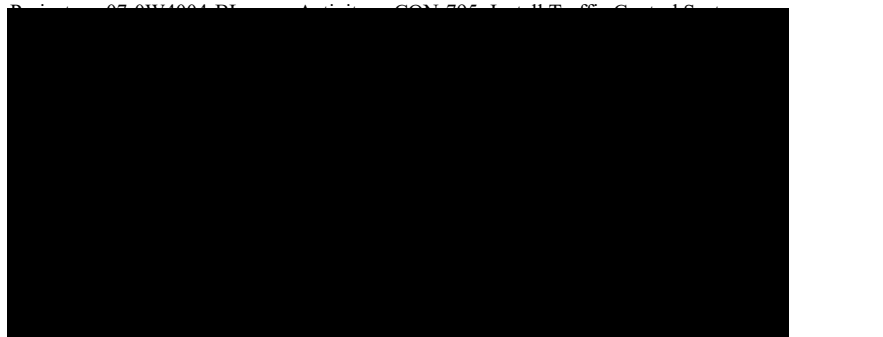
Project: 07-0W4004-BL Activity: CON-400 Install Mobile Barrier System
Project: 07-0W4004-BL Activity: CON-410 Replace Base
Project: 07-0W4004-BL Activity: CON-420 Install Basebond Breaker
Project: 07-0W4004-BL Activity: CON-430 Drill & Bond Breaker
Project: 07-0W4004-BL Activity: CON-440 Individual Slab Replacement (RSC)
Project: 07-0W4004-BL Activity: CON-450 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-460 Install Stationary Impact Attenuator Vehicle
Project: 07-0W4004-BL Activity: CON-470 Install Mobile Barrier System
Project: 07-0W4004-BL Activity: CON-480 Replace Base
Project: 07-0W4004-BL Activity: CON-490 Install Basebond Breaker
Project: 07-0W4004-BL Activity: CON-500 Drill & Bond Breaker
Project: 07-0W4004-BL Activity: CON-510 Individual Slab Replacement (RSC)



Project: 07-0W4004-BL Activity: CON-540 Install Mobile Barrier System
Project: 07-0W4004-BL Activity: CON-550 Replace Base
Project: 07-0W4004-BL Activity: CON-560 Install Basebond Breaker
Project: 07-0W4004-BL Activity: CON-570 Drill & Bond Breaker
Project: 07-0W4004-BL Activity: CON-580 Individual Slab Replacement (RSC)
Project: 07-0W4004-BL Activity: CON-590 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-600 Install Stationary Impact Attenuator Vehicle
Project: 07-0W4004-BL Activity: CON-610 Install Mobile Barrier System
Project: 07-0W4004-BL Activity: CON-620 Replace Base
Project: 07-0W4004-BL Activity: CON-630 Install Basebond Breaker
Project: 07-0W4004-BL Activity: CON-640 Drill & Bond Breaker
Project: 07-0W4004-BL Activity: CON-650 Individual Slab Replacement (RSC)



Project: 07-0W4004-BL Activity: CON-700 Install Basebond Breaker
Project: 07-0W4004-BL Activity: CON-710 Drill & Bond Breaker
Project: 07-0W4004-BL Activity: CON-720 Individual Slab Replacement (RSC)
Project: 07-0W4004-BL Activity: CON-730 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-740 Install Stationary Impact Attenuator Vehicle
Project: 07-0W4004-BL Activity: CON-750 Install Mobile Barrier System
Project: 07-0W4004-BL Activity: CON-760 Replace Base
Project: 07-0W4004-BL Activity: CON-770 Install Basebond Breaker
Project: 07-0W4004-BL Activity: CON-780 Drill & Bond Breaker
Project: 07-0W4004-BL Activity: CON-790 Individual Slab Replacement (RSC)



Project: 07-0W4004-BL Activity: CON-900 Install Traffic Control System
Project: 07-0W4004-BL Activity: CON-910 Grind Existing Concrete Pavement
Project: 07-0W4004-BL Activity: CON-920 Remove Yellow Thermoplastic Traffic Stripe (Hazardous Waste)

Project: 07-0W4004-BL Activity: CON-930 Remove Pavement Marker
Project: 07-0W4004-BL Activity: CON-940 Remove Thermoplastic Traffic Stripe
Project: [REDACTED]
Project: [REDACTED]
Project: [REDACTED]
Project: [REDACTED]
Project: 07-0W4004-BL Activity: FCO-0010 Remove Construction Area Signs
Project: 07-0W4004-BL Activity: FCO-0020 Demobilization
Project: 07-0W4004-BL Activity: MS-0010 Notice To Proceed (NTP)
Project: 07-0W4004-BL Activity: MS-0020 Job Site Management #1



Project: 07-0W4004-BL Activity: MS-0120 Project Finish

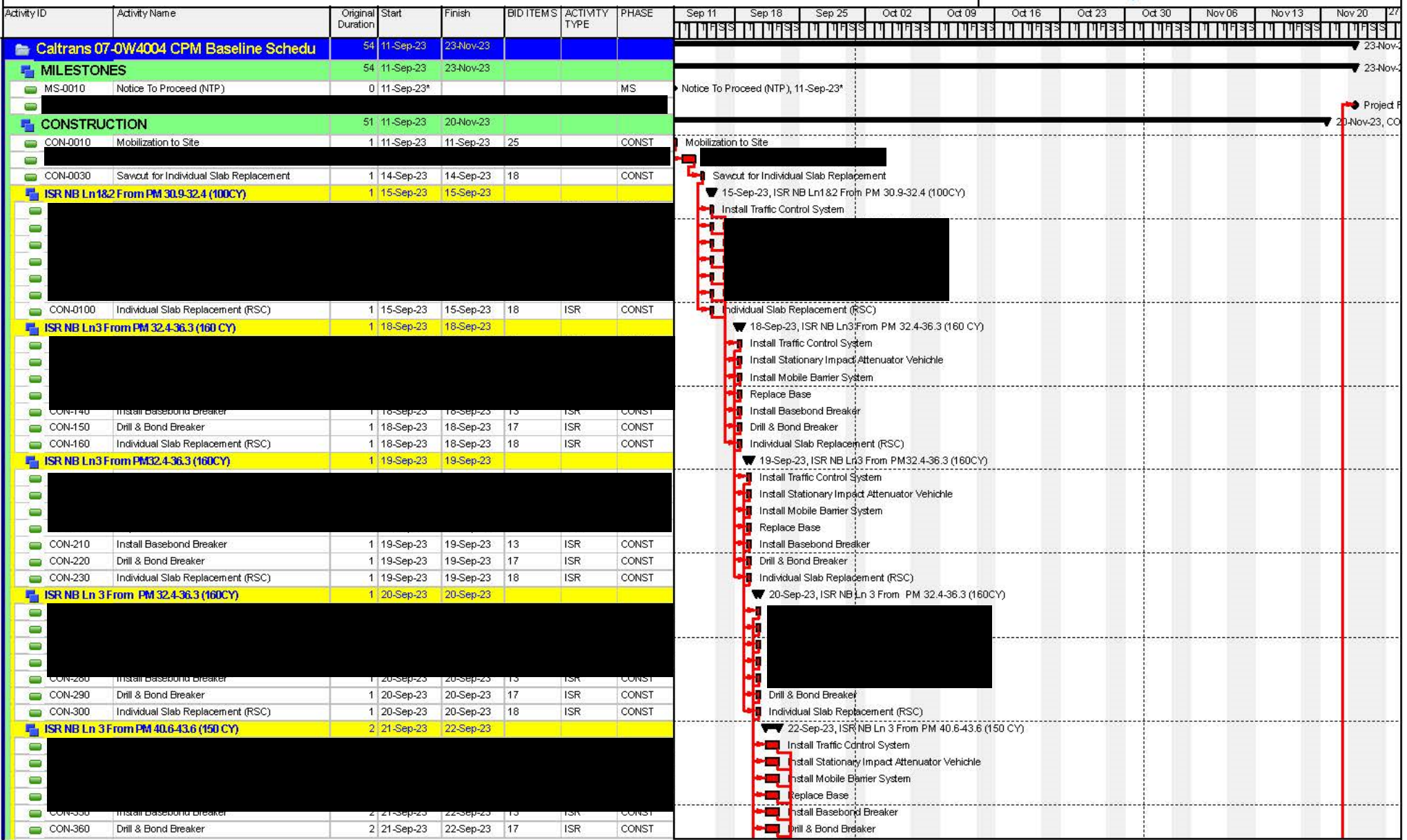
Activities with unsatisfied constraints.....0

Activities with unsatisfied relationships.....0

Activities with external dates.....0

Exhibits

1. Exhibit 1: CRITICAL / LONGEST PATH



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



Activity ID	Activity Name	Original Duration	Start	Finish	BID ITEMS	ACTIVITY TYPE	PHASE	Sep 11	Sep 18	Sep 25	Oct 02	Oct 09	Oct 16	Oct 23	Oct 30	Nov 06	Nov 13	Nov 20	27	
CON-370	Individual Slab Replacement (RSC)	2	21-Sep-23	22-Sep-23	18	ISR	CONST													
ISR NB Ln 1 & 2 From PM 32.4-36.3 (35 CY)																				
		1	25-Sep-23	25-Sep-23																
CON-410	Replace Base	1	25-Sep-23	25-Sep-23	12	ISR	CONST													
CON-420	Install Basebond Breaker	1	25-Sep-23	25-Sep-23	13	ISR	CONST													
CON-430	Drill & Bond Breaker	1	25-Sep-23	25-Sep-23	17	ISR	CONST													
CON-440	Individual Slab Replacement (RSC)	1	25-Sep-23	25-Sep-23	18	ISR	CONST													
ISR SB Ln 2 & 3 From PM 33.9-33.0 (84 CY)																				
CON-480	Replace Base	1	25-Sep-23	25-Sep-23	12	ISR	CONST													
CON-490	Install Basebond Breaker	1	25-Sep-23	25-Sep-23	13	ISR	CONST													
CON-500	Drill & Bond Breaker	1	25-Sep-23	25-Sep-23	17	ISR	CONST													
CON-510	Individual Slab Replacement (RSC)	1	25-Sep-23	25-Sep-23	18	ISR	CONST													
ISR SB Ln 2 & 3 From PM 33.0-31.6 (140 CY)																				
CON-550	Replace Base	1	26-Sep-23	26-Sep-23	12	ISR	CONST													
CON-560	Install Basebond Breaker	1	26-Sep-23	26-Sep-23	13	ISR	CONST													
CON-570	Drill & Bond Breaker	1	26-Sep-23	26-Sep-23	17	ISR	CONST													
CON-580	Individual Slab Replacement (RSC)	1	26-Sep-23	26-Sep-23	18	ISR	CONST													
ISR SB Ln 1 From PM 33.0-31.6 (12 CY)																				
CON-620	Replace Base	1	27-Sep-23	27-Sep-23	12	ISR	CONST													
CON-630	Install Basebond Breaker	1	27-Sep-23	27-Sep-23	13	ISR	CONST													
CON-640	Drill & Bond Breaker	1	27-Sep-23	27-Sep-23	17	ISR	CONST													
CON-650	Individual Slab Replacement (RSC)	1	27-Sep-23	27-Sep-23	18	ISR	CONST													
ISR SB Ln 1 & HOV From PM 43.6-40.6 (105 CY)																				
CON-690	Replace Base	1	27-Sep-23	27-Sep-23	12	ISR	CONST													
CON-700	Install Basebond Breaker	1	27-Sep-23	27-Sep-23	13	ISR	CONST													
CON-710	Drill & Bond Breaker	1	27-Sep-23	27-Sep-23	17	ISR	CONST													
CON-720	Individual Slab Replacement (RSC)	1	27-Sep-23	27-Sep-23	18	ISR	CONST													
ISR SB Ln 2 From PM 43.6-40.6 (115 CY)																				
CON-760	Replace Base	1	28-Sep-23	28-Sep-23	12	ISR	CONST													
CON-770	Install Basebond Breaker	1	28-Sep-23	28-Sep-23	13	ISR	CONST													
CON-780	Drill & Bond Breaker	1	28-Sep-23	28-Sep-23	17	ISR	CONST													

█ Actual Level of Effort
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 ▼ summary

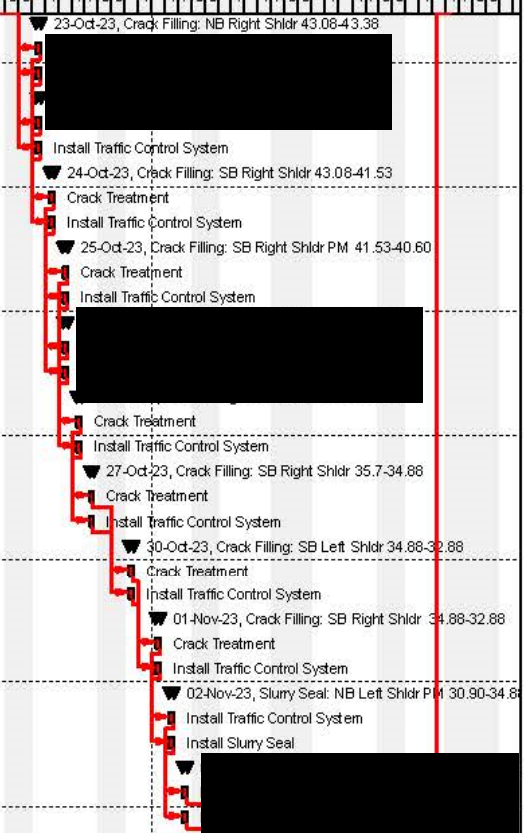


Activity ID	Activity Name	Original Duration	Start	Finish	BID ITEMS	ACTIVITY TYPE	PHASE	Sep 11	Sep 18	Sep 25	Oct 02	Oct 09	Oct 16	Oct 23	Oct 30	Nov 06	Nov 13	Nov 20	27	
CON-790	Individual Slab Replacement (RSC)	1	28-Sep-23	28-Sep-23	18	ISR	CONST													
CCG: NB Ln 1 & 2 From PM 30.9-32.4		1	29-Sep-23	29-Sep-23																
CCG: NB Ln 3 From PM 30.9-32.4		1	02-Oct-23	02-Oct-23																
CON-810	Grind Existing Concrete Pavement	1	02-Oct-23	02-Oct-23	19	CCG	CONST													
CON-805	Install Traffic Control System	1	02-Oct-23	02-Oct-23	4	CCG	CONST													
CCG: NB Ln 3 From PM 32.4-36.3		1	03-Oct-23	03-Oct-23																
CON-820	Grind Existing Concrete Pavement	1	03-Oct-23	03-Oct-23	19	CCG	CONST													
CON-815	Install Traffic Control System	1	03-Oct-23	03-Oct-23	4	CCG	CONST													
CCG: NB Ln 3 From PM 40.6-43.6		1	04-Oct-23	04-Oct-23																
CCG: NB Ln 1 & 2 From PM 32.4-36.3		1	05-Oct-23	05-Oct-23																
CON-850	Grind Existing Concrete Pavement	1	05-Oct-23	05-Oct-23	19	CCG	CONST													
CON-840	Install Traffic Control System	1	05-Oct-23	05-Oct-23	4	CCG	CONST													
CCG: SB Ln 2 & 3 From PM 33.9-31.6		1	05-Oct-23	05-Oct-23																
CCG: SB Ln 2 & 3 From PM 33.0-31.6		1	06-Oct-23	06-Oct-23																
CON-890	Grind Existing Concrete Pavement	1	06-Oct-23	06-Oct-23	19	CCG	CONST													
CON-880	Install Traffic Control System	1	06-Oct-23	06-Oct-23	4	CCG	CONST													
CCG: SB Ln 1, 2, & HOV From PM 43.6-40.6		1	09-Oct-23	09-Oct-23																
Stripe Removal (Chisp)		3	10-Oct-23	12-Oct-23																
CON-920	Remove Yellow Thermoplastic Traffic Stripe (Hazardous Waste)	3	10-Oct-23	12-Oct-23	11	STR	CONST													
CON-1100	Install Traffic Control System	3	10-Oct-23	12-Oct-23	4	STR	CONST													
Crack Filling: Left Shldr PM 30.9-32.8		1	13-Oct-23	13-Oct-23																
CON-950	Crack Treatment	1	13-Oct-23	13-Oct-23	14	CF	CONST													
CON-1110	Install Traffic Control System	1	13-Oct-23	13-Oct-23	4	CF	CONST													
Crack Filling: NB Right Shldr PM 30.9-32.88		1	16-Oct-23	16-Oct-23																
Crack Filling: NB Left Shldr PM 32.8-34.8		1	17-Oct-23	17-Oct-23																
CON-970	Crack Treatment	1	17-Oct-23	17-Oct-23	14	CF	CONST													
CON-1130	Install Traffic Control System	1	17-Oct-23	17-Oct-23	4	CF	CONST													
Crack Filling: NB Right Shldr PM 32.8-34.8		1	18-Oct-23	18-Oct-23																
Crack Filling: NB Left Shldr PM 34.88-36.30		1	19-Oct-23	19-Oct-23																
CON-990	Crack Treatment	1	19-Oct-23	19-Oct-23	14	CF	CONST													
CON-1150	Install Traffic Control System	1	19-Oct-23	19-Oct-23	4	CF	CONST													
Crack Filling: NB Right Shldr PM 34.88-36.30		1	20-Oct-23	20-Oct-23																
CON-0995	Install Traffic Control System	1	20-Oct-23	20-Oct-23	4	CF	CONST													

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



Activity ID	Activity Name	Original Duration	Start	Finish	BID ITEMS	ACTIVITY TYPE	PHASE	Sep 11	Sep 18	Sep 25	Oct 02	Oct 09	Oct 16	Oct 23	Oct 30	Nov 06	Nov 13	Nov 20	27		
Crack Filling: NB Right Shldr 43.08-43.38																					
CON-1010	Crack Treatment	1	23-Oct-23	23-Oct-23	14	CF	CONST														
CON-1005	Install Traffic Control System	1	23-Oct-23	23-Oct-23	4	CF	CONST														
Crack Filling: SB Right Shldr 43.38-43.08																					
Crack Filling: SB Right Shldr 43.08-41.53																					
CON-1030	Crack Treatment	1	24-Oct-23	24-Oct-23	14	CF	CONST														
CON-1025	Install Traffic Control System	1	24-Oct-23	24-Oct-23	4	CF	CONST														
Crack Filling: SB Right Shldr PM 41.53-40.60																					
Crack Filling: SB Right Shldr 36.3-35.7																					
Crack Filling: SB Left Shldr 36.3-34.88																					
CON-1055	Install Traffic Control System	1	26-Oct-23	26-Oct-23	4	CF	CONST														
Crack Filling: SB Right Shldr 35.7-34.88																					
CON-1070	Crack Treatment	1	27-Oct-23	27-Oct-23	14	CF	CONST														
CON-1065	Install Traffic Control System	1	27-Oct-23	27-Oct-23	4	CF	CONST														
Crack Filling: SB Left Shldr 34.88-32.88																					
Crack Filling: SB Right Shldr 34.88-32.88																					
CON-1090	Crack Treatment	1	01-Nov-23	01-Nov-23	14	CF	CONST														
CON-1085	Install Traffic Control System	1	01-Nov-23	01-Nov-23	4	CF	CONST														
Slurry Seal: NB Left Shldr PM 30.90-34.88																					
CON-1200	Install Slurry Seal	1	02-Nov-23	02-Nov-23	15	SS	CONST														
Slurry Seal: NB Right Shldr PM 30.90-32.88																					
Slurry Seal: NB Right Shldr PM 32.88-34.88																					
CON-1230	Install Traffic Control System	1	06-Nov-23	06-Nov-23	4	SS	CONST														
Slurry Seal: NB Left Shldr PM 34.08-36.30																					
Slurry Seal: NB Right Shldr PM 34.88-36.30																					
CON-1270	Install Traffic Control System	1	07-Nov-23	07-Nov-23	4	SS	CONST														
CON-1280	Install Slurry Seal	1	07-Nov-23	07-Nov-23	15	SS	CONST														
Slurry Seal: NB Right Shldr PM 43.08-43.38																					
Slurry Seal: SB Right Shldr PM 43.38-40.6																					
CON-1310	Install Traffic Control System	1	08-Nov-23	08-Nov-23	4	SS	CONST														
CON-1320	Install Slurry Seal	1	08-Nov-23	08-Nov-23	15	SS	CONST														



■ Actual Level of Effort
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 ▼ summary



Activity ID	Activity Name	Original Duration	Start	Finish	BID ITEMS	ACTIVITY TYPE	PHASE	Sep 11	Sep 18	Sep 25	Oct 02	Oct 09	Oct 16	Oct 23	Oct 30	Nov 06	Nov 13	Nov 20	Nov 27	
Slurry Seal: SB Left Shldr 36.3-35.7		1	09-Nov-23	09-Nov-23																
CON-1330	Install Traffic Control System	1	09-Nov-23	09-Nov-23	4	SS	CONST													
CON-1340	Install Slurry Seal	1	09-Nov-23	09-Nov-23	15	SS	CONST													
Slurry Seal: SB Right Shldr 36.3-35.7		1	10-Nov-23	10-Nov-23																
CON-1350	Install Traffic Control System	1	10-Nov-23	10-Nov-23	4	SS	CONST													
CON-1360	Install Slurry Seal	1	10-Nov-23	10-Nov-23	15	SS	CONST													
Slurry Seal: SB Left Shldr PM 34.88-30.90		1	13-Nov-23	13-Nov-23																
Slurry Seal: SB Right Shldr PM 35.7-34.88		1	14-Nov-23	14-Nov-23																
CON-1390	Install Traffic Control System	1	14-Nov-23	14-Nov-23	4	SS	CONST													
CON-1400	Install Slurry Seal	1	14-Nov-23	14-Nov-23	15	SS	CONST													
Slurry Seal: SB Right Shldr PM 34.88-32.88		1	15-Nov-23	15-Nov-23																
CON-1410	Install Traffic Control System	1	15-Nov-23	15-Nov-23	4	SS	CONST													
CON-1420	Install Slurry Seal	1	15-Nov-23	15-Nov-23	15	SS	CONST													
Stripping (Chisp)		3	16-Nov-23	20-Nov-23																
FINAL CONSTRUCTION ACTIVITIES		3	21-Nov-23	23-Nov-23																
FCO-0010	Remove Construction Area Signs	2	21-Nov-23	22-Nov-23	3		CONST													
FCO-0020	Demobilization	1	23-Nov-23	23-Nov-23	25		CONST													

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