

West Virginia South
Garage Restoration 2021, OAA Project CEB 21-03

Main-Contractor: Rostocon Corporation



HSE CONTRACTORS INC.
CPM SCHEDULING CONSULTANTS

Rev -Narrative Report Baseline Schedule

Notice to Proceed	June 15th, 2021
Substantial Completion	October 17th , 2022
Final Completion	December 9th, 2022

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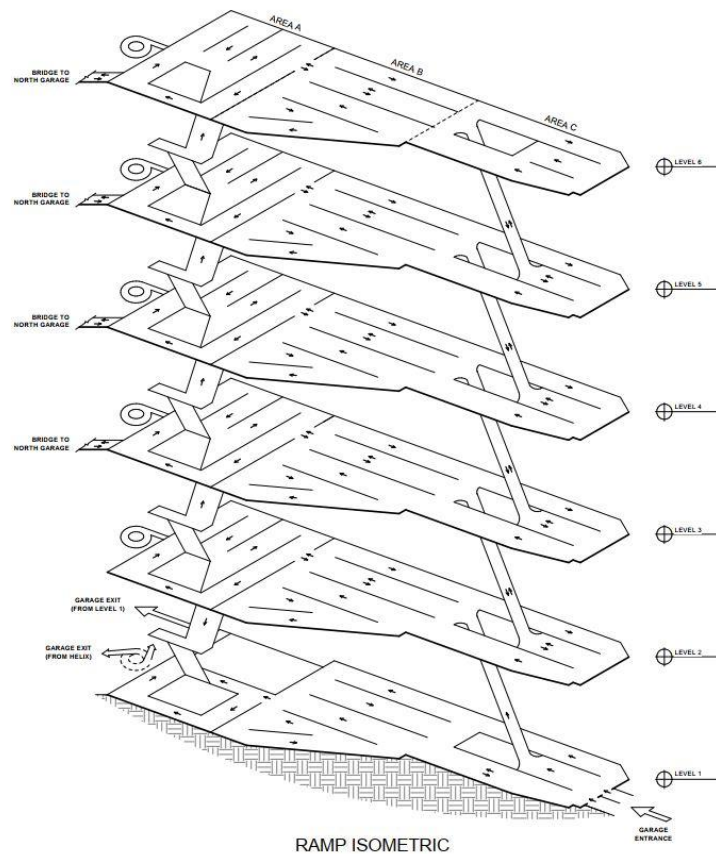
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1. Introduction:

The project scope is for the restoration of six stories garage of the Eppley airfield south.

2. Project Description

This work will include general, construction, APGS, signage mechanical, and electrical work as required to complete the project titled South Garage Restoration 2021, CEB 21-03 at Eppley Airfield



3 - Scope of Work

The project includes activities in the following trades:

- Concrete Works
- Masonry Work
- Metals
- Carpentry
- Roofing
- Piping
- Specialties
- Plumbing
- Heating, Ventilating and Air Conditioning (HVAC)
- Electrical
- Single Space Automated Parking Guidance System (APGS)
- Vehicular Signage

4 - Key Dates

SGR - CBE21-3		421	13-Apr-21	09-Dec-22	0
Keydates and Milestones		421	13-Apr-21	09-Dec-22	0
KM011	NTA	0	13-Apr-21		0
KM001	NTP	0	15-Jun-21		20
KM002	Substantial Completion	0		17-Oct-22*	0
KM003	Final Completion	0		09-Dec-22	0

5 - Project Phasing

The Project will have 12 phases in the construction phase. The sequence would be from the top down till phase 12 which would be equivalent to level 1 in the garage. Each phase will start with the space capture followed by the demolition and concrete repairs, then the MEP activities and finally the finishes in each phase where all these activities lead to the “pre-requisite” which is the inspection phase that would take place in the start of the next phase.

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
SGR - CBE21-3		421	13-Apr-21	09-Dec-22	0
+ Keydates and Milestones		421	13-Apr-21	09-Dec-22	0
+ Procurment		192	13-Apr-21	09-Dec-21	0
- Construction		325	21-Jun-21	29-Sep-22	0
- Phase Plan		325	21-Jun-21	29-Sep-22	0
+ Phase 1 "Helix"		125	21-Jun-21	17-Dec-21	1
+ Phase 2A		82	25-Aug-21	22-Dec-21	1
+ Phase 2B		41	07-Oct-21	07-Dec-21	1
+ Phase 3		41	16-Nov-21	18-Jan-22	1
+ Phase 4		40	29-Dec-21	24-Feb-22	1
+ Phase 5		36	07-Feb-22	29-Mar-22	1
+ Phase 6		31	18-Feb-22	04-Apr-22	0
+ Phase 7		49	23-Mar-22	01-Jun-22	0
+ Phase 8		40	06-May-22	05-Jul-22	42
+ Phase 9		26	21-Jun-22	28-Jul-22	0
+ Phase 10		26	15-Jul-22	22-Aug-22	0
+ Phase 11		28	09-Aug-22	19-Sep-22	0
+ Phase 12 - Level 1 -		19	01-Sep-22	29-Sep-22	0
+ Close-Out		12	29-Sep-22	17-Oct-22	0

6 - Calendars

Standard (Assigned for all construction activities) which is 5 Working Days with the Federal Holidays.

- Federal Holidays of 2021

Holiday Name	Day of Week	2021 Observed Date ?
New Year's Day	Friday	January 1st, 2021
Birthday of Martin Luther King, Jr.	Monday	January 18th, 2021
Washington's Birthday (12 days)	Monday	February 15th, 2021
Memorial Day	Monday	May 31st, 2021
Independence Day †	Monday	July 5th, 2021
Labor Day	Monday	September 6th, 2021
Columbus Day	Monday	October 11th, 2021
Veterans Day	Thursday	November 11th, 2021
Thanksgiving Day	Thursday	November 25th, 2021
Christmas Day †	Friday	December 24th, 2021

- Federal Holidays of 2022

Holiday Name	Day of Week	2022 Observed Date ?
New Year's Day †	Friday	December 31st, 2021
Birthday of Martin Luther King, Jr.	Monday	January 17th, 2022
Washington's Birthday (12 days)	Monday	February 21st, 2022
Memorial Day	Monday	May 30th, 2022
Independence Day	Monday	July 4th, 2022
Labor Day	Monday	September 5th, 2022
Columbus Day	Monday	October 10th, 2022
Veterans Day	Friday	November 11th, 2022
Thanksgiving Day	Thursday	November 24th, 2022
Christmas Day †	Monday	December 26th, 2022

7- Working Hours

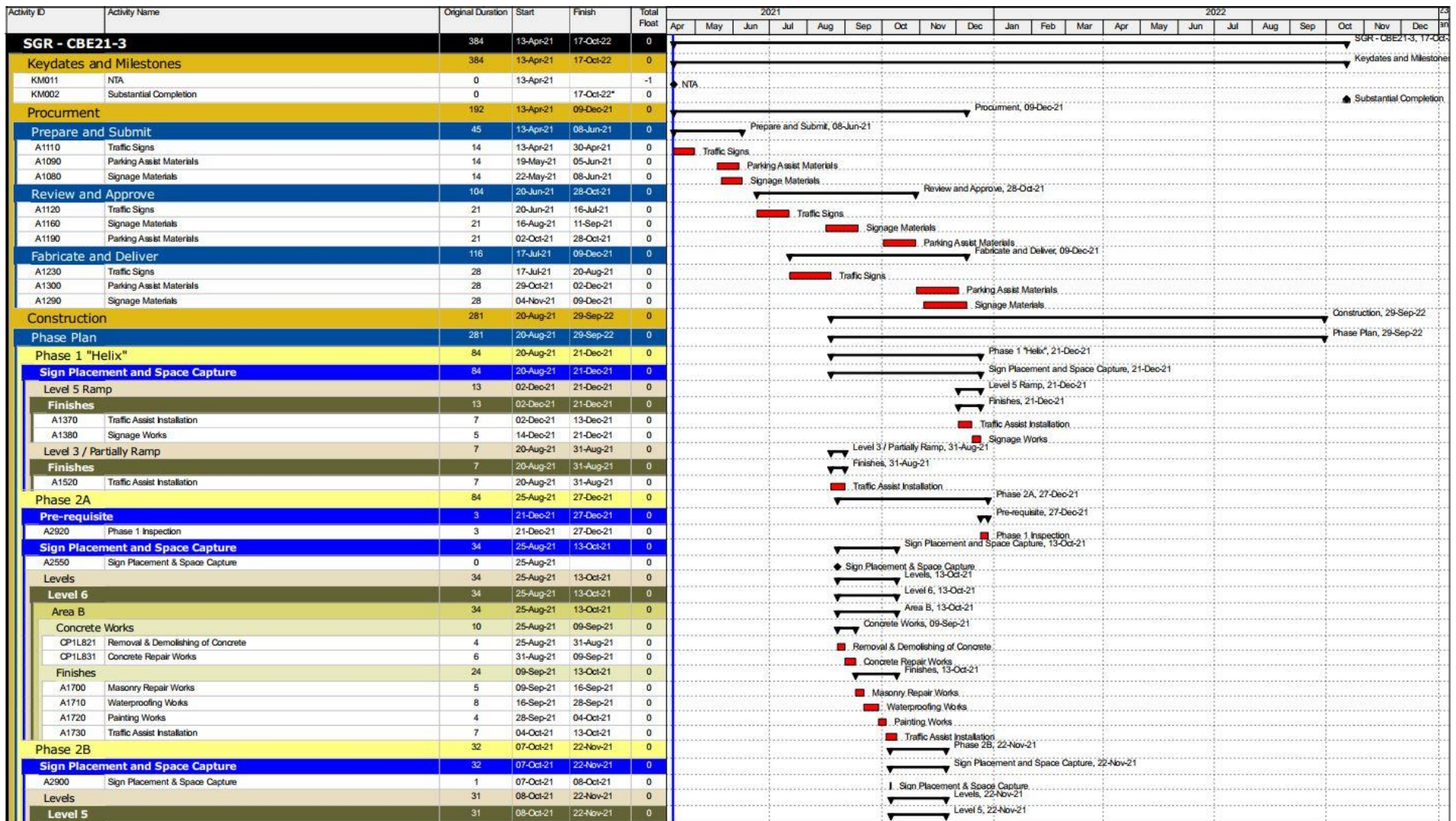
Hours per Time Period

Specify the number of work hours for each time period.

Hours/Day	Hours/Week	Hours/Month	Hours/Year
8.0	40.0	172.0	2000.0

8- Critical Path

The critical path starts with the preparing and submittal of traffic assist, signage and waterproofing materials through their review and approve and fabricate and deliver. Then the path would be in phase 1 in traffic assist installation and signage then it would lead to pre-requisite of phase 1 in the start of phase 2. Then the “sign placement and space capture” of phase 2 followed by the demolishing and concrete repairs and their respective finishes. After phase 2 the path will lead to phase 3 with similar path as the previous phase and this will be applied to all the upcoming phases till phase 12. Finally, the pre-requisite activities will lead to the punch list and the substantial completion.



Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2021												2022											
						Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
	Area A	4	08-Oct-21	14-Oct-21	0																								
	Concrete Works	4	08-Oct-21	14-Oct-21	0																								
	CP1L931 Removal & Demolishing of Concrete	4	08-Oct-21	14-Oct-21	0																								
	Area B	31	08-Oct-21	22-Nov-21	0																								
	Concrete Works	10	08-Oct-21	22-Oct-21	0																								
	CP1L951 Removal & Demolishing of Concrete	4	08-Oct-21	14-Oct-21	0																								
	CP1L961 Concrete Repair Works	6	14-Oct-21	22-Oct-21	0																								
	Finishes	21	22-Oct-21	22-Nov-21	0																								
	A1800 Masonry Repair Works	5	22-Oct-21	29-Oct-21	0																								
	A1810 Waterproofing Works	5	29-Oct-21	05-Nov-21	0																								
	A1820 Painting Works	4	05-Nov-21	11-Nov-21	0																								
	A1830 Traffic Assist Installation	7	11-Nov-21	22-Nov-21	0																								
	Phase 3	32	16-Nov-21	04-Jan-22	0																								
	Sign Placement and Space Capture	32	16-Nov-21	04-Jan-22	0																								
	A2910 Sign Placement & Space Capture	1	16-Nov-21	17-Nov-21	0																								
	Level 4	31	17-Nov-21	04-Jan-22	0																								
	Area A	4	17-Nov-21	23-Nov-21	0																								
	Concrete Works	4	17-Nov-21	23-Nov-21	0																								
	CP1L1151 Removal & Demolishing of Concrete	4	17-Nov-21	23-Nov-21	0																								
	Area B	31	17-Nov-21	04-Jan-22	0																								
	Concrete Works	10	17-Nov-21	03-Dec-21	0																								
	CP1L1261 Removal & Demolishing of Concrete	4	17-Nov-21	23-Nov-21	0																								
	CP1L1271 Concrete Repair Works	6	23-Nov-21	03-Dec-21	0																								
	Finishes	21	03-Dec-21	04-Jan-22	0																								
	A1900 Masonry Repair Works	5	03-Dec-21	10-Dec-21	0																								
	A1910 Waterproofing Works	5	10-Dec-21	17-Dec-21	0																								
	A1920 Painting Works	4	17-Dec-21	23-Dec-21	0																								
	A1930 Traffic Assist Installation	7	23-Dec-21	04-Jan-22	0																								
	Phase 4	31	29-Dec-21	11-Feb-22	0																								
	Sign Placement and Space Capture	31	29-Dec-21	11-Feb-22	0																								
	A2930 Sign Placement & Space Capture	1	29-Dec-21	30-Dec-21	0																								
	Level 3	31	29-Dec-21	11-Feb-22	0																								
	Area A	4	29-Dec-21	04-Jan-22	0																								
	Concrete Works	4	29-Dec-21	04-Jan-22	0																								
	CP1L1371 Removal & Demolishing of Concrete	4	29-Dec-21	04-Jan-22	0																								
	Area B	31	29-Dec-21	11-Feb-22	0																								
	Concrete Works	10	29-Dec-21	12-Jan-22	0																								
	CP1L1481 Removal & Demolishing of Concrete	4	29-Dec-21	04-Jan-22	0																								
	CP1L1491 Concrete Repair Works	6	04-Jan-22	12-Jan-22	0																								
	Finishes	21	12-Jan-22	11-Feb-22	0																								
	A1950 Masonry Repair Works	5	12-Jan-22	20-Jan-22	0																								
	A1960 Waterproofing Works	5	20-Jan-22	27-Jan-22	0																								
	A1970 Painting Works	4	27-Jan-22	02-Feb-22	0																								
	A1980 Traffic Assist Installation	7	02-Feb-22	11-Feb-22	0																								
	Phase 5	31	07-Feb-22	22-Mar-22	0																								
	Sign Placement and Space Capture	31	07-Feb-22	22-Mar-22	0																								
	A2940 Sign Placement & Space Capture	1	07-Feb-22	08-Feb-22	0																								
	Level 2	31	07-Feb-22	22-Mar-22	0																								
	Area A	10	07-Feb-22	21-Feb-22	0																								
	Concrete Works	10	07-Feb-22	21-Feb-22	0																								

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2021												2022												23
						Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan			
	CP1L1591 Removal & Demolishing of Concrete	4	07-Feb-22	11-Feb-22	0																									
	CP1L1601 Concrete Repair Works	6	11-Feb-22	21-Feb-22	0																									
	Area B	31	07-Feb-22	22-Mar-22	0																									
	Concrete Works	14	07-Feb-22	25-Feb-22	0																									
	CP1L2241 Removal & Demolishing of Concrete	4	07-Feb-22	11-Feb-22	0																									
	CP1L2251 Concrete Repair Works	10	11-Feb-22	25-Feb-22	0																									
	Finishes	21	21-Feb-22	22-Mar-22	0																									
	A2100 Masonry Repair Works	5	21-Feb-22	28-Feb-22	0																									
	A2110 Waterproofing Works	5	28-Feb-22	07-Mar-22	0																									
	A2120 Painting Works	4	07-Mar-22	11-Mar-22	0																									
	A2130 Traffic Assist Installation	7	11-Mar-22	22-Mar-22	0																									
	Phase 6	26	25-Feb-22	04-Apr-22	0																									
	Sign Placement & Space Capture	26	25-Feb-22	04-Apr-22	0																									
	A2950 Sign Placement & Space Capture	1	16-Mar-22	17-Mar-22	0																									
	Level 6	26	25-Feb-22	04-Apr-22	0																									
	Area C	26	25-Feb-22	04-Apr-22	0																									
	Concrete Works	10	16-Mar-22	30-Mar-22	0																									
	CP1L2261 Removal & Demolishing of Concrete	4	16-Mar-22	22-Mar-22	0																									
	CP1L2271 Concrete Repair Works	6	22-Mar-22	30-Mar-22	0																									
	Finishes	26	25-Feb-22	04-Apr-22	0																									
	A2150 Masonry Repair Works	5	25-Feb-22	04-Mar-22	0																									
	A2160 Waterproofing Works	5	04-Mar-22	11-Mar-22	0																									
	A2170 Painting Works	4	11-Mar-22	17-Mar-22	0																									
	A2180 Traffic Assist Installation	7	17-Mar-22	28-Mar-22	0																									
	A2190 Signage Works	5	28-Mar-22	04-Apr-22	0																									
	Phase 7	44	30-Mar-22	01-Jun-22	0																									
	Pre-requisite	3	04-Apr-22	07-Apr-22	0																									
	A2620 Phase 6 Inspection	3	04-Apr-22	07-Apr-22	0																									
	Sign Placement & Space Capture	44	30-Mar-22	01-Jun-22	0																									
	Level 4	40	05-Apr-22	01-Jun-22	0																									
	Area C	40	05-Apr-22	01-Jun-22	0																									
	Concrete Works	14	05-Apr-22	25-Apr-22	0																									
	CP1L2301 Removal & Demolishing of Concrete	4	05-Apr-22	11-Apr-22	0																									
	CP1L2311 Concrete Repair Works	10	11-Apr-22	25-Apr-22	0																									
	Finishes	26	25-Apr-22	01-Jun-22	0																									
	A2250 Masonry Repair Works	5	25-Apr-22	02-May-22	0																									
	A2260 Waterproofing Works	5	02-May-22	09-May-22	0																									
	A2270 Painting Works	4	09-May-22	13-May-22	0																									
	A2280 Traffic Assist Installation	7	13-May-22	24-May-22	0																									
	A2290 Signage Works	5	24-May-22	01-Jun-22	0																									
	Level 5	31	30-Mar-22	12-May-22	0																									
	Area C	31	30-Mar-22	12-May-22	0																									
	Concrete Works	10	30-Mar-22	13-Apr-22	0																									
	CP1L2281 Removal & Demolishing of Concrete	4	30-Mar-22	05-Apr-22	0																									
	CP1L2291 Concrete Repair Works	6	05-Apr-22	13-Apr-22	0																									
	Finishes	21	13-Apr-22	12-May-22	0																									
	A2200 Masonry Repair Works	5	13-Apr-22	20-Apr-22	0																									
	A2210 Waterproofing Works	5	20-Apr-22	27-Apr-22	0																									
	A2220 Painting Works	4	27-Apr-22	03-May-22	0																									
	A2230 Traffic Assist Installation	7	03-May-22	12-May-22	0																									
	Phase 8	40	06-May-22	05-Jul-22	0																									

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2021												2022												at
						Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
Pre-requisite		3	01-Jun-22	06-Jun-22	0																									
A2630	Phase 7 Inspection	3	01-Jun-22	06-Jun-22	0																									
Sign Placement & Space Capture		40	06-May-22	05-Jul-22	0																									
A2970	Sign Placement & Space Capture	1	06-May-22	09-May-22	0																									
Level 3		40	06-May-22	05-Jul-22	0																									
Area C		40	06-May-22	05-Jul-22	0																									
Concrete Works		14	06-May-22	26-May-22	0																									
CP1L2321	Removal & Demolishing of Concrete	4	06-May-22	12-May-22	0																									
CP1L2331	Concrete Repair Works	10	12-May-22	26-May-22	0																									
Finishes		26	26-May-22	05-Jul-22	0																									
A2300	Masonry Repair Works	5	26-May-22	03-Jun-22	0																									
A2310	Waterproofing Works	5	03-Jun-22	10-Jun-22	0																									
A2320	Painting Works	4	10-Jun-22	16-Jun-22	0																									
A2330	Traffic Assist Installation	7	16-Jun-22	27-Jun-22	0																									
A2340	Signage Works	5	27-Jun-22	05-Jul-22	0																									
Level 2		36	12-May-22	05-Jul-22	0																									
Area C		36	12-May-22	05-Jul-22	0																									
Concrete Works		10	12-May-22	26-May-22	0																									
CP1L2341	Removal & Demolishing of Concrete	4	12-May-22	18-May-22	0																									
CP1L2351	Concrete Repair Works	6	18-May-22	26-May-22	0																									
Finishes		26	26-May-22	05-Jul-22	0																									
A2350	Masonry Repair Works	5	26-May-22	03-Jun-22	0																									
A2360	Waterproofing Works	5	03-Jun-22	10-Jun-22	0																									
A2370	Painting Works	4	10-Jun-22	16-Jun-22	0																									
A2380	Traffic Assist Installation	7	16-Jun-22	27-Jun-22	0																									
A2390	Signage Works	5	27-Jun-22	05-Jul-22	0																									
Phase 9		26	21-Jun-22	28-Jul-22	0																									
Pre-requisite		3	05-Jul-22	08-Jul-22	0																									
A2640	Phase 8 Inspection	3	05-Jul-22	08-Jul-22	0																									
Sign Placement & Space Capture		26	21-Jun-22	28-Jul-22	0																									
A2980	Sign Placement & Space Capture	1	21-Jun-22	22-Jun-22	0																									
Finishes		26	21-Jun-22	28-Jul-22	0																									
A2400	Masonry Repair Works	5	21-Jun-22	28-Jun-22	0																									
A2410	Waterproofing Works	5	28-Jun-22	06-Jul-22	0																									
A2420	Painting Works	4	06-Jul-22	12-Jul-22	0																									
A2430	Traffic Assist Installation	7	12-Jul-22	21-Jul-22	0																									
A2440	Signage Works	5	21-Jul-22	28-Jul-22	0																									
Phase 10		26	15-Jul-22	22-Aug-22	0																									
Pre-requisite		3	28-Jul-22	02-Aug-22	0																									
A2650	Phase 9 Inspection	3	28-Jul-22	02-Aug-22	0																									
Sign Placement & Space Capture		26	15-Jul-22	22-Aug-22	0																									
A2990	Sign Placement & Space Capture	1	15-Jul-22	18-Jul-22	0																									
Finishes		26	15-Jul-22	22-Aug-22	0																									
A2450	Masonry Repair Works	5	15-Jul-22	22-Jul-22	0																									
A2460	Waterproofing Works	5	22-Jul-22	29-Jul-22	0																									
A2470	Painting Works	4	29-Jul-22	04-Aug-22	0																									
A2480	Traffic Assist Installation	7	04-Aug-22	15-Aug-22	0																									
A2490	Signage Works	5	15-Aug-22	22-Aug-22	0																									
Phase 11		28	09-Aug-22	19-Sep-22	0																									
Pre-requisite		3	14-Sep-22	19-Sep-22	0																									
A2670	Phase 10 Inspection	3	14-Sep-22	19-Sep-22	0																									

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2021												2022												23
						Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	23			
Sign Placement & Space Capture		27	09-Aug-22	19-Sep-22	0																									
A3000	Sign Placement & Space Capture	1	09-Aug-22	10-Aug-22	0																									
Finishes		27	09-Aug-22	19-Sep-22	0																									
A2500	Masonry Repair Works	5	09-Aug-22	16-Aug-22	0																									
A2510	Waterproofing Works	5	16-Aug-22	23-Aug-22	0																									
A2520	Painting Works	4	23-Aug-22	29-Aug-22	0																									
A2530	Traffic Assist Installation	7	29-Aug-22	08-Sep-22	0																									
A2540	Signage Works	5	12-Sep-22	19-Sep-22	0																									
Phase 12 - Level 1 -		19	01-Sep-22	29-Sep-22	0																									
Pre-requisite		3	19-Sep-22	22-Sep-22	0																									
A2680	Phase 11 Inspection	3	19-Sep-22	22-Sep-22	0																									
Sign Placement & Space Capture		19	01-Sep-22	29-Sep-22	0																									
A3010	Sign Placement & Space Capture	5	01-Sep-22	09-Sep-22	0																									
Level 1 MEC		19	01-Sep-22	29-Sep-22	0																									
Area A		5	01-Sep-22	09-Sep-22	0																									
CP1L2421	HVAC Replacement & Rough-In	5	01-Sep-22	09-Sep-22	0																									
Area B		5	09-Sep-22	16-Sep-22	0																									
CP1L2451	HVAC Replacement & Rough-In	5	09-Sep-22	16-Sep-22	0																									
Area C		9	16-Sep-22	29-Sep-22	0																									
CP1L2481	HVAC Replacement & Rough-In	5	16-Sep-22	23-Sep-22	0																									
CP1L2491	HVAC Trim-Out	3	23-Sep-22	28-Sep-22	0																									
CP1L2501	HVAC Testing	1	28-Sep-22	29-Sep-22	0																									
Close-Out		12	29-Sep-22	17-Oct-22	0																									
A2690	Phase 12 Inspection	3	29-Sep-22	04-Oct-22	0																									
A1590	Punch List	0		17-Oct-22	0																									

9 – Schedule Log

Scheduling/Leveling Report - 2021-06-18 13:47:45 - PM.EXE

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Default Project.....SGR

Projects:

SGR.....SGR - CBE21-3

Scheduling/Leveling Settings:

General

SchedulingYes

LevelingNo

Ignore relationships to and from other projectsNo

Make open-ended activities criticalNo

Use Expected Finish DatesYes

Schedule automatically when a change affects datesYes

Level resources during schedulingNo

Recalculate assignment costs after schedulingNo

When scheduling progressed activities useRetained Logic

Calculate start-to-start lag fromEarly Start

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

Compute Total Float AsFinish Float

Calculate float based on finish date ofEach project

Calendar for scheduling Relationship LagPredecessor Activity Calendar

Advanced

Calculate multiple float paths.....No

Statistics:

Projects.....1
Activities.....445
Not Started.....445
In Progress.....0
Completed.....0
Relationships.....706
Activities with Constraint.....1

Project: SGR Activity: KM002 Substantial Completion

Errors:

Warnings:

Activities without predecessors.....1

Project: SGR Activity: KM011 NTA

Activities without successors.....1

Project: SGR Activity: KM003 Final Completion

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.....445

Relationships with other projects.....0

Data Date.....13-Apr-21

Earliest Early Start Date.....13-Apr-21

Latest Early Finish Date.....08-Dec-22

Exceptions:

Critical Activities.....125

Project:	SGR	Activity:	A1080 Signage Materials
Project:	SGR	Activity:	A1090 Parking Assist Materials
Project:	SGR	Activity:	A1110 Traffic Signs
Project:	SGR	Activity:	A1120 Traffic Signs
Project:	SGR	Activity:	A1160 Signage Materials
Project:	SGR	Activity:	A1190 Parking Assist Materials
Project:	SGR	Activity:	A1230 Traffic Signs
Project:	SGR	Activity:	A1290 Signage Materials
Project:	SGR	Activity:	A1300 Parking Assist Materials
Project:	SGR	Activity:	A1370 Traffic Assist Installation
Project:	SGR	Activity:	A1380 Signage Works
Project:	SGR	Activity:	A1500 Waterproofing Works
Project:	SGR	Activity:	A1510 Painting Works
Project:	SGR	Activity:	A1520 Traffic Assist Installation
Project:	SGR	Activity:	A1590 Punch List
Project:	SGR	Activity:	A1700 Masonry Repair Works
Project:	SGR	Activity:	A1710 Waterproofing Works
Project:	SGR	Activity:	A1720 Painting Works
Project:	SGR	Activity:	A1730 Traffic Assist Installation
Project:	SGR	Activity:	A1800 Masonry Repair Works
Project:	SGR	Activity:	A1810 Waterproofing Works
Project:	SGR	Activity:	A1820 Painting Works
Project:	SGR	Activity:	A1830 Traffic Assist Installation
Project:	SGR	Activity:	A1900 Masonry Repair Works
Project:	SGR	Activity:	A1910 Waterproofing Works
Project:	SGR	Activity:	A1920 Painting Works
Project:	SGR	Activity:	A1930 Traffic Assist Installation
Project:	SGR	Activity:	A1950 Masonry Repair Works
Project:	SGR	Activity:	A1960 Waterproofing Works
Project:	SGR	Activity:	A1970 Painting Works
Project:	SGR	Activity:	A1980 Traffic Assist Installation
Project:	SGR	Activity:	A2100 Masonry Repair Works
Project:	SGR	Activity:	A2110 Waterproofing Works
Project:	SGR	Activity:	A2120 Painting Works
Project:	SGR	Activity:	A2130 Traffic Assist Installation

Project:	SGR	Activity:	A2150 Masonry Repair Works
Project:	SGR	Activity:	A2160 Waterproofing Works
Project:	SGR	Activity:	A2170 Painting Works
Project:	SGR	Activity:	A2180 Traffic Assist Installation
Project:	SGR	Activity:	A2190 Signage Works
Project:	SGR	Activity:	A2200 Masonry Repair Works
Project:	SGR	Activity:	A2210 Waterproofing Works
Project:	SGR	Activity:	A2220 Painting Works
Project:	SGR	Activity:	A2230 Traffic Assist Installation
Project:	SGR	Activity:	A2250 Masonry Repair Works
Project:	SGR	Activity:	A2260 Waterproofing Works
Project:	SGR	Activity:	A2270 Painting Works
Project:	SGR	Activity:	A2280 Traffic Assist Installation
Project:	SGR	Activity:	A2290 Signage Works
Project:	SGR	Activity:	A2300 Masonry Repair Works
Project:	SGR	Activity:	A2310 Waterproofing Works
Project:	SGR	Activity:	A2320 Painting Works
Project:	SGR	Activity:	A2330 Traffic Assist Installation
Project:	SGR	Activity:	A2340 Signage Works
Project:	SGR	Activity:	A2350 Masonry Repair Works
Project:	SGR	Activity:	A2360 Waterproofing Works
Project:	SGR	Activity:	A2370 Painting Works
Project:	SGR	Activity:	A2380 Traffic Assist Installation
Project:	SGR	Activity:	A2390 Signage Works
Project:	SGR	Activity:	A2400 Masonry Repair Works
Project:	SGR	Activity:	A2410 Waterproofing Works
Project:	SGR	Activity:	A2420 Painting Works
Project:	SGR	Activity:	A2430 Traffic Assist Installation
Project:	SGR	Activity:	A2440 Signage Works
Project:	SGR	Activity:	A2450 Masonry Repair Works
Project:	SGR	Activity:	A2460 Waterproofing Works
Project:	SGR	Activity:	A2470 Painting Works
Project:	SGR	Activity:	A2480 Traffic Assist Installation
Project:	SGR	Activity:	A2490 Signage Works
Project:	SGR	Activity:	A2500 Masonry Repair Works
Project:	SGR	Activity:	A2510 Waterproofing Works
Project:	SGR	Activity:	A2520 Painting Works

Project:	SGR	Activity:	A2530 Traffic Assist Installation
Project:	SGR	Activity:	A2540 Signage Works
Project:	SGR	Activity:	A2550 Sign Placement & Space Capture
Project:	SGR	Activity:	A2620 Phase 6 Inspection
Project:	SGR	Activity:	A2630 Phase 7 Inspection
Project:	SGR	Activity:	A2640 Phase 8 Inspection
Project:	SGR	Activity:	A2650 Phase 9 Inspection
Project:	SGR	Activity:	A2670 Phase 10 Inspection
Project:	SGR	Activity:	A2680 Phase 11 Inspection
Project:	SGR	Activity:	A2690 Phase 12 Inspection
Project:	SGR	Activity:	A2900 Sign Placement & Space Capture
Project:	SGR	Activity:	A2910 Sign Placement & Space Capture
Project:	SGR	Activity:	A2920 Phase 1 Inspection
Project:	SGR	Activity:	A2930 Sign Placement & Space Capture
Project:	SGR	Activity:	A2940 Sign Placement & Space Capture
Project:	SGR	Activity:	A2950 Sign Placement & Space Capture
Project:	SGR	Activity:	A2970 Sign Placement & Space Capture
Project:	SGR	Activity:	A2980 Sign Placement & Space Capture
Project:	SGR	Activity:	A2990 Sign Placement & Space Capture
Project:	SGR	Activity:	A3000 Sign Placement & Space Capture
Project:	SGR	Activity:	A3010 Sign Placement & Space Capture
Project:	SGR	Activity:	CP1L1151 Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L1261 Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L1271 Concrete Repair Works
Project:	SGR	Activity:	CP1L1371 Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L1481 Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L1491 Concrete Repair Works
Project:	SGR	Activity:	CP1L1591 Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L1601 Concrete Repair Works
Project:	SGR	Activity:	CP1L2241 Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L2251 Concrete Repair Works
Project:	SGR	Activity:	CP1L2261 Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L2271 Concrete Repair Works
Project:	SGR	Activity:	CP1L2281 Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L2291 Concrete Repair Works
Project:	SGR	Activity:	CP1L2301 Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L2311 Concrete Repair Works

Project:	SGR	Activity:	CP1L2321	Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L2331	Concrete Repair Works
Project:	SGR	Activity:	CP1L2341	Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L2351	Concrete Repair Works
Project:	SGR	Activity:	CP1L2421	HVAC Replacement & Rough-In
Project:	SGR	Activity:	CP1L2451	HVAC Replacement & Rough-In
Project:	SGR	Activity:	CP1L2481	HVAC Replacement & Rough-In
Project:	SGR	Activity:	CP1L2491	HVAC Trim-Out
Project:	SGR	Activity:	CP1L2501	HVAC Testing
Project:	SGR	Activity:	CP1L821	Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L831	Concrete Repair Works
Project:	SGR	Activity:	CP1L931	Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L951	Removal & Demolishing of Concrete
Project:	SGR	Activity:	CP1L961	Concrete Repair Works
Project:	SGR	Activity:	KM002	Substantial Completion
Project:	SGR	Activity:	KM011	NTA

Activities with unsatisfied constraints.....1

Project:	SGR	Activity:	KM002	Substantial Completion
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Activities with unsatisfied relationships.....0

Activities with external dates.....0