

Activity ID	Activity Name	Planned Duration	Start	Finish	2023												2024					
					Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Bridge Project Reflection					12-Oct-23 07:00 PM, Bridge Project Reflection																	
Identify the problem					24-Aug-22 07:00 PM, Identify the problem																	
A1000	Start of the Project	0d	08-Aug-22 08:00 AM A	12-Oct-23 07:00 PM	Start of the Project, 08-Aug-22 08:00 AM A																	
A1010	analyze the purpose of the bridge	10d	08-Aug-22 08:00 AM A	18-Aug-22 07:00 PM A	analyze the purpose of the bridge																	
A1020	Discussion among engineers and cc	5d	19-Aug-22 08:00 AM A	24-Aug-22 07:00 PM	Discussion among engineers and contractors																	
A1030	analyze the load capacity of the bridge	13d	10-Aug-22 08:00 AM A	24-Aug-22 07:00 PM	analyze the load capacity of the bridge																	
Determine Constraints					21-Sep-22 07:00 PM, Determine Constraints																	
A1040	analyze the materials used for the construction	4d	25-Aug-22 08:00 AM	29-Aug-22 07:00 PM	analyze the materials used for the construction																	
A1050	Prepare the rough sketch	6d	30-Aug-22 08:00 AM	05-Sep-22 07:00 PM	Prepare the rough sketch																	
A1060	Estimate the cost	14d	06-Sep-22 08:00 AM	21-Sep-22 07:00 PM	Estimate the cost																	
A1070	Prepare the schedule	12d	06-Sep-22 08:00 AM	19-Sep-22 07:00 PM	Prepare the schedule																	
Analysis of Design					31-Oct-22 07:00 PM, Analysis of Design																	
A1080	Analyze the span	6d	20-Sep-22 08:00 AM	26-Sep-22 07:00 PM	Analyze the span																	
A1090	According to the span decide the type of bridge	7d	27-Sep-22 08:00 AM	04-Oct-22 07:00 PM	According to the span decide the type of bridge																	
A1100	Analyze the materials	15d	24-Sep-22 08:00 AM	11-Oct-22 07:00 PM	Analyze the materials																	
A1110	Determine the strength, market appeal of the material	6d	12-Oct-22 08:00 AM	18-Oct-22 07:00 PM	Determine the strength, market appeal of the material																	
A1120	Prepare the drawings	10d	24-Sep-22 08:00 AM	05-Oct-22 07:00 PM	Prepare the drawings																	
A1130	Prepare the model	5d	19-Oct-22 08:00 AM	24-Oct-22 07:00 PM	Prepare the model																	
A1140	Calculate the bridge will carry the loads	6d	25-Oct-22 08:00 AM	31-Oct-22 07:00 PM	Calculate the bridge will carry the loads																	
Design Refinement					14-Nov-22 07:00 PM, Design Refinement																	
A1150	Analyze & select the bridge type	6d	01-Nov-22 08:00 AM	07-Nov-22 07:00 PM	Analyze & select the bridge type																	
A1160	Analyze the calculation	6d	08-Nov-22 08:00 AM	14-Nov-22 07:00 PM	Analyze the calculation																	
A1170	verify the calculations	10d	03-Nov-22 08:00 AM	14-Nov-22 07:00 PM	verify the calculations																	
A1180	Analyze & correct the calculation	6d	08-Nov-22 08:00 AM	14-Nov-22 07:00 PM	Analyze & correct the calculation																	
Implement Plan					27-Jan-23 07:00 PM, Implement Plan																	
A1190	After planning get approval	26d	15-Nov-22 08:00 AM	14-Dec-22 07:00 PM	After planning get approval																	
A1200	Outline the construction	6d	15-Dec-22 08:00 AM	21-Dec-22 07:00 PM	Outline the construction																	
A1210	Install temporary power	4d	22-Dec-22 08:00 AM	26-Dec-22 07:00 PM	Install temporary power																	
A1220	Install temporary water service	5d	27-Dec-22 08:00 AM	31-Dec-22 07:00 PM	Install temporary water service																	
A1230	70	10d	02-Jan-23 08:00 AM	12-Jan-23 07:00 PM	70																	
A1240	Arrange the machinery	6d	07-Jan-23 08:00 AM	13-Jan-23 07:00 PM	Arrange the machinery																	
A1250	Implement the blueprint model with dimensions	12d	14-Jan-23 08:00 AM	27-Jan-23 07:00 PM	Implement the blueprint model with dimensions																	
Construction					13-May-23 07:00 PM, Construction																	
A1260	After get approval make as a document	28d	28-Jan-23 08:00 AM	01-Mar-23 07:00 PM	After get approval make as a document																	
A1270	Prepare an agreement for contractor	28d	28-Jan-23 08:00 AM	01-Mar-23 07:00 PM	Prepare an agreement for contractor																	
A1280	Stabilizing the ground	10d	02-Mar-23 08:00 AM	13-Mar-23 07:00 PM	Stabilizing the ground																	
A1290	Excavation	10d	14-Mar-23 08:00 AM	24-Mar-23 07:00 PM	Excavation																	
A1300	Construct bridge deck	12d	25-Mar-23 08:00 AM	07-Apr-23 07:00 PM	Construct bridge deck																	
A1310	Build pier cap	20d	08-Apr-23 08:00 AM	01-May-23 07:00 PM	Build pier cap																	
A1320	Construction of beams	12d	11-Apr-23 08:00 AM	24-Apr-23 07:00 PM	Construction of beams																	
A1330	Construct bridge deck	12d	25-Apr-23 08:00 AM	08-May-23 07:00 PM	Construct bridge deck																	
A1340	Curing the pier	5d	09-May-23 08:00 AM	13-May-23 07:00 PM	Curing the pier																	
Pre-stressed concrete					05-Aug-23 07:00 PM, Pre-stressed concrete																	
A1350	Rolls of post-tensioning cables	12d	15-May-23 08:00 AM	27-May-23 07:00 PM	Rolls of post-tensioning cables																	
A1360	Pulling anchors for post-tensioning	12d	29-May-23 08:00 AM	10-Jun-23 07:00 PM	Pulling anchors for post-tensioning																	
A1370	Post-tensioning cables stripped for	12d	29-May-23 08:00 AM	10-Jun-23 07:00 PM	Post-tensioning cables stripped for																	
A1380	Positioned post-tensioning cable	12d	12-Jun-23 08:00 AM	24-Jun-23 07:00 PM	Positioned post-tensioning cable																	
A1390	Post-tensioning cable ends extending from freshly poured concrete	18d	26-Jun-23 08:00 AM	15-Jul-23 07:00 PM	Post-tensioning cable ends extending from freshly poured concrete																	
A1400	Post-tensioning cable ends extending from concrete slab	24d	26-Jun-23 08:00 AM	22-Jul-23 07:00 PM	Post-tensioning cable ends extending from concrete slab																	
A1410	Hydraulic Jack for tensioning cables	12d	24-Jul-23 08:00 AM	05-Aug-23 07:00 PM	Hydraulic Jack for tensioning cables																	
A1420	Cable conduits in formwork	12d	22-Jul-23 08:00 AM	04-Aug-23 07:00 PM	Cable conduits in formwork																	
Final step					15-Sep-23 07:00 PM, Final step																	
A1430	Build abutment	12d	05-Aug-23 08:00 AM	18-Aug-23 07:00 PM	Build abutment																	
A1440	Insert the pre-stressed concrete	12d	19-Aug-23 08:00 AM	01-Sep-23 07:00 PM	Insert the pre-stressed concrete																	

█ Actual Level of Effort
 █ Actual Work
 █ Critical Remaining Work
█ Primary Baseline
 █ Remaining Work
 ◆ Milestone

