

Activity ID	Activity Name	Original Duration	Remaining Duration	Activity % Complete	Start	Finish	Total Float	Calendar	2017												2018					
									March	April	May	June	July	August	S	October	N	D	January	F	h					
A-057.66S002-3-02, PTC Bridge NB-355 - Update #1, 3/10/17		235	176		19-Dec-16	10-Nov-17	0		1	2	0	1	1	2	0	1	2	2	0	1	1	2	0	1	1	2
MILESTONES		327	4		19-Dec-16	10-Nov-17	0	Standard 7 Day													10-Nov-17, A-057.66S002-3-02, PTC Bridge NB-355 - Update #1, 3/10/17					
A1010	Notice to Proceed	0	0	100%	19-Dec-16			Standard 7 Day																		
A1020	Close Crackersport Road	0	0	100%	20-Feb-17			Standard 7 Day																		
A1030	Road & Bridge Work Complete	0	0	0%		06-Nov-17	0	Standard 7 Day													10-Nov-17, A-057.66S002-3-02, PTC Bridge NB-355 - Update #1, 3/10/17					
A1040	Contract Complete	0	0	0%		10-Nov-17*	0	Standard 7 Day													10-Nov-17, A-057.66S002-3-02, PTC Bridge NB-355 - Update #1, 3/10/17					
SUBMITTALS		201	120		19-Dec-16	07-Jul-17	115	Standard 7 Day													07-Jul-17, SUBMITTALS					
SUBMITTALS		171	90		19-Dec-16	07-Jun-17	145	Standard 7 Day													07-Jun-17, SUBMITTALS					
A2000	Submit Temporary Excavation Support	60	0	100%	19-Dec-16	24-Feb-17 A		Standard 7 Day																		
A2005	Submit Inlet Precast Shop Drawings	45	0	100%	19-Dec-16	17-Feb-17 A		Standard 7 Day																		
A2010	Submit Temporary Support Falsework	45	0	100%	19-Dec-16	10-Feb-17 A		Standard 7 Day																		
A2015	Submit Micropiles	45	9	80%	01-Feb-17	18-Mar-17	4	Standard 7 Day																		
A2020	Submit Beam Shop Drawings	26	0	100%	19-Dec-16	13-Jan-17 A		Standard 7 Day																		
A2030	Submit Anti-Graffiti Coating	60	0	100%	19-Dec-16	23-Feb-17 A		Standard 7 Day																		
A2040	Submit Beam Erection Plan	90	45	50%	01-Mar-17	23-Apr-17	43	Standard 7 Day																		
A2050	Submit Overhang Platform Design	60	45	25%	07-Mar-17	23-Apr-17	20	Standard 7 Day																		
A2060	Submit Deck Pan Shop Drawings	60	0	100%	05-Feb-17	02-Mar-17 A		Standard 7 Day																		
A2070	Submit Bearing Shop Drawings	90	0	100%	19-Dec-16	06-Mar-17 A		Standard 7 Day																		
A2080	Submit Demolition Plan	90	45	50%	04-Mar-17	23-Apr-17	143	Standard 7 Day																		
A2090	Submit Horizontal Slide-in Plan	90	45	50%	01-Feb-17	23-Apr-17	57	Standard 7 Day																		
A9060	Submit Operations Schedule	90	90	0%	10-Mar-17	07-Jun-17	98	Standard 7 Day																		
A9070	Submit Concrete Field QC Plan	75	30	60%	01-Feb-17	08-Apr-17	117	Standard 7 Day																		
A9090	Submit Bituminous Field QC Plan	90	9	90%	19-Dec-16	18-Mar-17	176	Standard 7 Day																		
APPROVALS		176	120		13-Jan-17 A	07-Jul-17	115	Standard 7 Day													07-Jul-17, APPROVALS					
A2100	Approve Temporary Excavation Support	30	30	0%	24-Feb-17	08-Apr-17	13	Standard 7 Day																		
A2105	Approve Inlet Precast Shop Drawings	30	0	100%	17-Feb-17	20-Feb-17 A		Standard 7 Day																		
A2110	Approve Temporary Support Falsework	30	0	100%	10-Feb-17	24-Mar-17 A		Standard 7 Day																		
A2120	Approve Micropiles	30	30	0%	19-Mar-17	17-Apr-17	4	Standard 7 Day																		
A2130	Approve Beam Shop Drawings	46	0	100%	13-Jan-17 A	27-Feb-17 A		Standard 7 Day																		
A2140	Approve Anti-Graffiti Coating	30	0	100%	23-Feb-17	06-Mar-17 A		Standard 7 Day																		
A2150	Approve Beam Erection Plan	30	30	0%	24-Apr-17	23-May-17	43	Standard 7 Day																		
A2160	Approve Overhang Platform Design	30	30	0%	24-Apr-17	23-May-17	20	Standard 7 Day																		
A2170	Approve Deck Pan Shop Drawings	30	30	0%	02-Mar-17	08-Apr-17	58	Standard 7 Day																		
A2180	Approve Bearing Shop Drawings	30	30	0%	06-Mar-17	08-Apr-17	28	Standard 7 Day																		
A2190	Approve Demolition Plan	30	30	0%	24-Apr-17	23-May-17	143	Standard 7 Day																		
A2200	Approve Horizontal Slide-in Plan	60	60	0%	24-Apr-17	22-Jun-17	57	Standard 7 Day																		
A9050	Approve Operations Schedule	30	30	0%	08-Jun-17	07-Jul-17	98	Standard 7 Day																		
A9080	Approve Concrete Field QC Plan	21	21	0%	09-Apr-17	29-Apr-17	117	Standard 7 Day																		
A9100	Approve Bituminous Field QC Plan	21	21	0%	19-Mar-17	08-Apr-17	176	Standard 7 Day																		
FABRICATE & DELIVER		156	150		20-Feb-17	06-Aug-17	57	Standard 7 Day													06-Aug-17, FABRICATE & DELIVER					
A3010	F&D Temporary Excavation Support	5	5	0%	09-Apr-17	13-Apr-17	13	Standard 7 Day																		
A3015	F&D Inlet Precast	30	0	100%	20-Feb-17	03-Mar-17 A		Standard 7 Day																		
A3020	F&D Temporary Support Falsework	30	30	0%	10-Mar-17	08-Apr-17	23	Standard 7 Day																		
A3030	F&D Micropiles	30	30	0%	18-Apr-17	17-May-17	4	Standard 7 Day																		
A3040	F&D Beams	118	118	0%	27-Feb-17	05-Jul-17	0	Standard 7 Day																		
A3050	F&D Overhang Platform Materials	30	30	0%	24-May-17	22-Jun-17	20	Standard 7 Day																		

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A3060	F&D Deck Pans	45	45	0%	09-Apr-17	23-May-17	58	Standard 7 Day																
A3070	F&D Bearings	60	60	0%	09-Apr-17	07-Jun-17	28	Standard 7 Day																
A3090	F&D Horizontal Slide-in Equipment	45	45	0%	23-Jun-17	06-Aug-17	57	Standard 7 Day																
NOTIFICATIONS		95	14		03-Feb-17	23-Mar-17	204	Standard 7 Day	23-Mar-17, NOTIFICATIONS															
A4000	Notify Local Residents	14	0	100%	03-Feb-17	20-Feb-17 A		Standard 7 Day	fy Local Residents															
A4010	Notify PENNDOT	14	0	100%	03-Feb-17	20-Feb-17 A		Standard 7 Day	fy PENNDOT															
A4020	Notify South Whitehall Township	14	0	100%	03-Feb-17	20-Feb-17 A		Standard 7 Day	fy South Whitehall Township															
A4030	Install "This Bridge To Be Closed" Sign	14	0	100%	03-Feb-17	20-Feb-17 A		Standard 7 Day	all "This Bridge To Be Closed" Sign															
A4040	Notify Emergency Services	14	0	100%	03-Feb-17	20-Feb-17 A		Standard 7 Day	fy Emergency Services															
A4045	Notify PA-1 Call	14	0	100%	03-Feb-17	20-Feb-17 A		Standard 7 Day	fy PA-1 Call															
A4050	Notify Mandatory Contacts (Weekend Closure)	14	14	0%	10-Mar-17	23-Mar-17	204	Standard 7 Day	fy Notify Mandatory Contacts (Weekend Closure)															
A4060	Place CMS (Weekend Closure)	14	14	0%	10-Mar-17	23-Mar-17	204	Standard 7 Day	fy Place CMS (Weekend Closure)															
GENERAL		235	4		19-Dec-16	10-Nov-17	0		10-Nov-17, GENERAL															
A5000	Mobilize Inspectors Field Office	15	0	100%	19-Dec-16	07-Feb-17 A		Standard 5 Day	Inspectors Field Office															
A5010	Mobilize RCI Facilities	5	0	100%	07-Feb-17	10-Feb-17 A		Standard 5 Day	e RCI Facilities															
A5020	Setup Long Term Signage	3	0	100%	14-Feb-17	14-Feb-17 A		5 Day w/ Holiday	Long Term Signage															
A5030	Initial Control Survey	5	0	100%	31-Jan-17 A	03-Feb-17 A		Standard 5 Day	ontrol Survey															
A5040	Implement Crackersport Rd. Detour	1	0	100%	20-Feb-17	20-Feb-17 A		Standard 5 Day	ement Crackersport Rd. Detour															
A5050	Install Initial E&S Control	3	0	100%	21-Feb-17	22-Feb-17 A		Standard 5 Day	all Initial E&S Control															
A5060	Clear & Grub	5	0	100%	23-Feb-17	28-Feb-17 A		Standard 5 Day	lear & Grub															
A5070	Remove Long Term Signage	2	2	0%	07-Nov-17	08-Nov-17	2	Standard 5 Day	Remove Long Term Signage															
A5080	PTC Walk Through	1	1	0%	07-Nov-17	07-Nov-17	0	Standard 5 Day	PTC Walk Through															
A5090	Complete Punch List	3	3	0%	08-Nov-17	10-Nov-17	0	Standard 5 Day	Complete Punch List															
A5100	Demobilize RCI Facilities	3	3	0%	08-Nov-17	10-Nov-17	0	Standard 5 Day	Demobilize RCI Facilities															
STAGE 1		208	172		15-Feb-17	06-Nov-17	0		06-Nov-17, STAGE 1															
SHOULDER WIDENING		82	48		15-Feb-17	18-May-17	94	5 Day w/ Holiday	18-May-17, SHOULDER WIDENING															
A6000	Install Temporary Barrier	2	0	100%	15-Feb-17	15-Feb-17 A		5 Day w/ Holiday	Temporary Barrier															
A6010	Remove Existing Guiderail	2	2	0%	10-Mar-17	13-Mar-17	94	5 Day w/ Holiday	Remove Existing Guiderail															
A6020	NB Embankment Widening Sta. 650+37.50 - 652+00.00	8	8	0%	14-Mar-17	23-Mar-17	94	5 Day w/ Holiday	NB Embankment Widening Sta. 650+37.50 - 652+00.00															
A6030	NB Embankment Widening Sta. 652+80.00 - 653+87.50	8	8	0%	24-Mar-17	04-Apr-17	94	5 Day w/ Holiday	NB Embankment Widening Sta. 652+80.00 - 653+87.50															
A6040	SB Embankment Widening Sta. 652+90.00 - 654+12.50	8	8	0%	05-Apr-17	18-Apr-17	94	5 Day w/ Holiday	SB Embankment Widening Sta. 652+90.00 - 654+12.50															
A6050	SB Embankment Widening Sta. 651+12.50 - 651+75.00	8	8	0%	19-Apr-17	28-Apr-17	94	5 Day w/ Holiday	SB Embankmen Widening Sta. 651+12.50 - 651+75.00															
A6055	Install Drainage	4	4	0%	01-May-17	04-May-17	94	5 Day w/ Holiday	Install Drainage															
A6060	Construct Northbound Shoulder	5	5	0%	05-May-17	11-May-17	94	5 Day w/ Holiday	Construct Northbound Shoulder															
A6070	Construct Southbound Shoulder	5	5	0%	12-May-17	18-May-17	94	5 Day w/ Holiday	Construct Southbound Shoulder															
ABUTMENT CONSTRUCTION		139	139		14-Apr-17	25-Oct-17	3		25-Oct-17, ABUTMENT CONSTRUCT															
ABUTMENT 1		96	96		14-Apr-17	25-Aug-17	46		25-Aug-17 ABUTMENT 1															
A6100	Ab 1 - Excavate/Install TSOE	17	17	0%	14-Apr-17	08-May-17	9	Standard 5 Day	Ab 1 - Excavate/Install TSOE															
A6102	Ab 1 - Install Test Miropile	2	2	0%	14-Apr-17	17-Apr-17	15	Standard 5 Day	Ab 1 - Install Test Miropile															
A6104	Ab 1 - Preform Static Verification Load Test	2	2	0%	27-Apr-17	28-Apr-17	15	Standard 5 Day	Ab 1 - Preform Static Verification Load Test															
A6110	Ab 1 - Install Micropiles	25	25	0%	18-May-17	22-Jun-17	2	Standard 5 Day	Ab 1 - Install Micropiles															
A6120	Ab 1 - Footer - Form/Pour/Strip	10	10	0%	23-Jun-17	07-Jul-17	44	Standard 5 Day	Ab 1 - Footer - Form/Pour/Strip															
A6140	Ab 1 - Walls - Form/Pour/Strip	15	15	0%	10-Jul-17	28-Jul-17	44	Standard 5 Day	Ab 1 - Walls - Fbrm/Pour/Strip															
A6150	Ab 1 - Cure For Loading	7	7	0%	29-Jul-17	04-Aug-17	65	Standard 7 Day	Ab 1 - Cure For Loading															
A6160	Ab 1 - Backfill	5	5	0%	07-Aug-17	11-Aug-17	44	Standard 5 Day	Ab 1 - Backfill															
A6165	Ab 1 - Final Cure	28	28	0%	29-Jul-17	25-Aug-17	66	Standard 7 Day	Ab 1 - Final Cure															

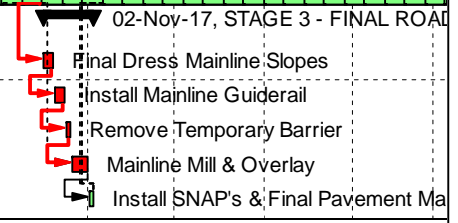
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ABUTMENT 2		89	89		23-Jun-17	25-Oct-17	3		[Gantt bars for Ab 2 - Excavate/Install TSOE, Ab 2 - Install Test Micropile, Ab 2 - Preform Static Verification Load Test, Ab 2 - Install Micropiles, Ab 2 - Footer Form/Pour/Strip, Ab 2 - Walls Form/Pour/Strip, Ab 2 - Cure For Loading, Ab 2 - Backfill, Ab 2 - Final Cure]												25-Oct-17, ABUTMENT 2			
TEMPORARY SUPPORT STRUCTURE		45	45		10-Apr-17	12-Jun-17	16	Standard 5 Day	[Gantt bars for Drive Piles & Brace, Install Pile Caps, Install Slide Beams & Jacking Beams, Install Slide Chanel & Temp Bearings, Install Work Platforms]												12-Jun-17, TEMPORARY SUPPORT STRUCTURE			
SUPERSTRUCTURE CONSTRUCTION		88	88		06-Jul-17	06-Nov-17	0		[Gantt bars for NB - Erect Beams, NB - Install Overhang Platforms, NB - Diaphragms Form/Pour/Strip, NB - Install Communication Conduit, NB - Install Deck Pans, NB - Install Deck Reinforcement, NB - Prepare & Pour Deck, NB - Maintain Cure, NB - Install Parapets, NB - Final Cure on Parapets]												06-Nov-17, SUPERSTRUCTURE CONSTRUCTION			
NORTHBOUND		73	73		06-Jul-17	16-Oct-17	10		[Gantt bars for NB - Erect Beams, NB - Install Overhang Platforms, NB - Diaphragms Form/Pour/Strip, NB - Install Communication Conduit, NB - Install Deck Pans, NB - Install Deck Reinforcement, NB - Prepare & Pour Deck, NB - Maintain Cure, NB - Install Parapets, NB - Final Cure on Parapets]												16-Oct-17, NORTHBOUND			
SOUTHBOUND		85	85		11-Jul-17	06-Nov-17	0		[Gantt bars for SB - Erect Beams, SB - Install Overhang Platforms, SB - Diaphragms Form/Pour/Strip, SB - Install Deck Pans, SB - Install Deck Reinforcement, SB - Prepare & Pour Deck & Diaphragms, SB - Maintain Cure, SB - Install Parapets, SB - Final Cure on Parapets, SB - Install Anti-Graffiti Coatings (All Locations)]												06-Nov-17, SOUTHBOUND			
STAGE 2 - DEMOLITION & SLIDE-IN		25	25		03-Oct-17	06-Nov-17	0		[Gantt bars for Test Slide System, *** WEEKEND CLOSURE ***, Remove Temporary Support Structure, Install Articulated Slope Walls, Repair Crackersport Road, Remove Crackersport Road Detour]												06-Nov-17, STAGE 2 - DEMOLITION & SLIDE-IN			

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STAGE 3 - FINAL ROADWAY GRADING		14	14		16-Oct-17	02-Nov-17	2																			
A9000	Final Dress Mainline Slopes	4	4	0%	16-Oct-17	19-Oct-17	0	5 Day w/ Holiday																		
A9010	Install Mainline Guiderail	2	2	0%	20-Oct-17	23-Oct-17	0	5 Day w/ Holiday																		
A9020	Remove Temporary Barrier	2	2	0%	24-Oct-17	25-Oct-17	0	5 Day w/ Holiday																		
A9030	Mainline Mill & Overlay	4	4	0%	26-Oct-17	31-Oct-17	0	5 Day w/ Bituminous																		
A9040	Install SNAP's & Final Pavement Markings	2	2	0%	01-Nov-17	02-Nov-17	2	5 Day w/ Holiday																		



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