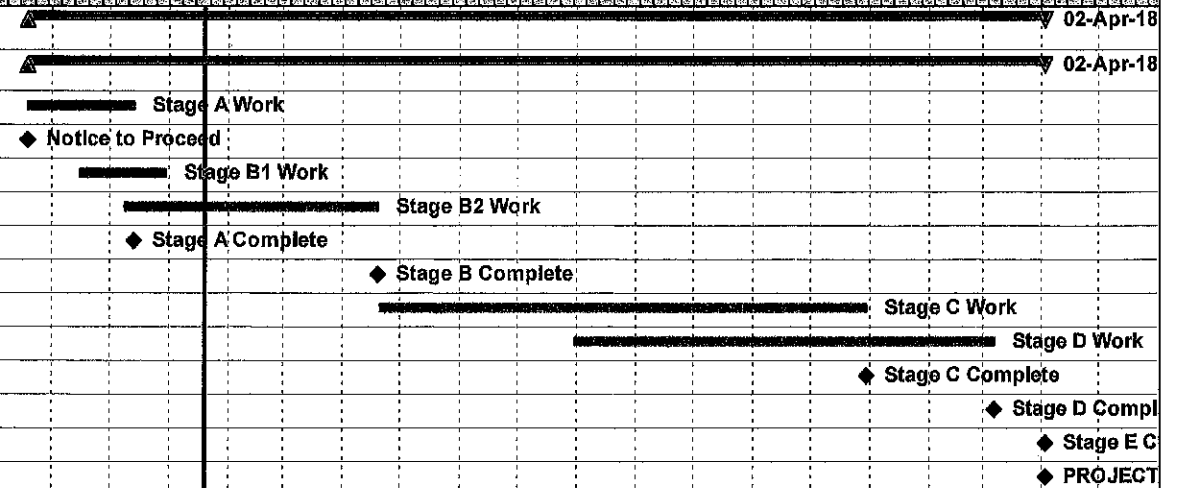


Activity ID	Activity Name	OD	RD	%	Start	Finish	Total Float	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M
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NCDPW WEST SHORE ROAD

MILESTONES

M0020	Stage A Work	23	0	100%	19-Oct-16 A	14-Dec-16 A	
M0010	Notice to Proceed	0	0	100%	19-Oct-16 A		
M0030	Stage B1 Work	3	0	100%	15-Nov-16 A	30-Dec-16 A	
M0050	Stage B2 Work	99	64	35.27%	08-Dec-16 A	19-Apr-17	8
M0040	Stage A Complete	0	0	100%		14-Dec-16 A	
M0070	Stage B Complete	0	0	0%		19-Apr-17*	8
M0060	Stage C Work	175	175	0%	20-Apr-17	29-Dec-17	0
M0080	Stage D Work	150	150	0%	31-Jul-17	06-Mar-18	0
M0090	Stage C Complete	0	0	0%		29-Dec-17	0
M0100	Stage D Complete	0	0	0%		06-Mar-18	0
M0110	Stage E Complete	0	0	0%		02-Apr-18	0
M0120	PROJECT COMPLETE	0	0	0%		02-Apr-18*	0



SUBMITTALS / PROCUREMENT

STEEL SHEETING

P0010	Prepare & Submit Sheeting	5	0	100%	19-Oct-16 A	20-Oct-16 A	
P0020	Review & Approve Sheeting	10	0	100%	20-Oct-16 A	21-Oct-16 A	
P0030	Procure/Fabricate Sheeting	60	13	79%	21-Oct-16 A	06-Feb-17	9
P0040	Deliver Sheeting	2	2	0%	06-Feb-17	08-Feb-17	9

EROSION CONTROL

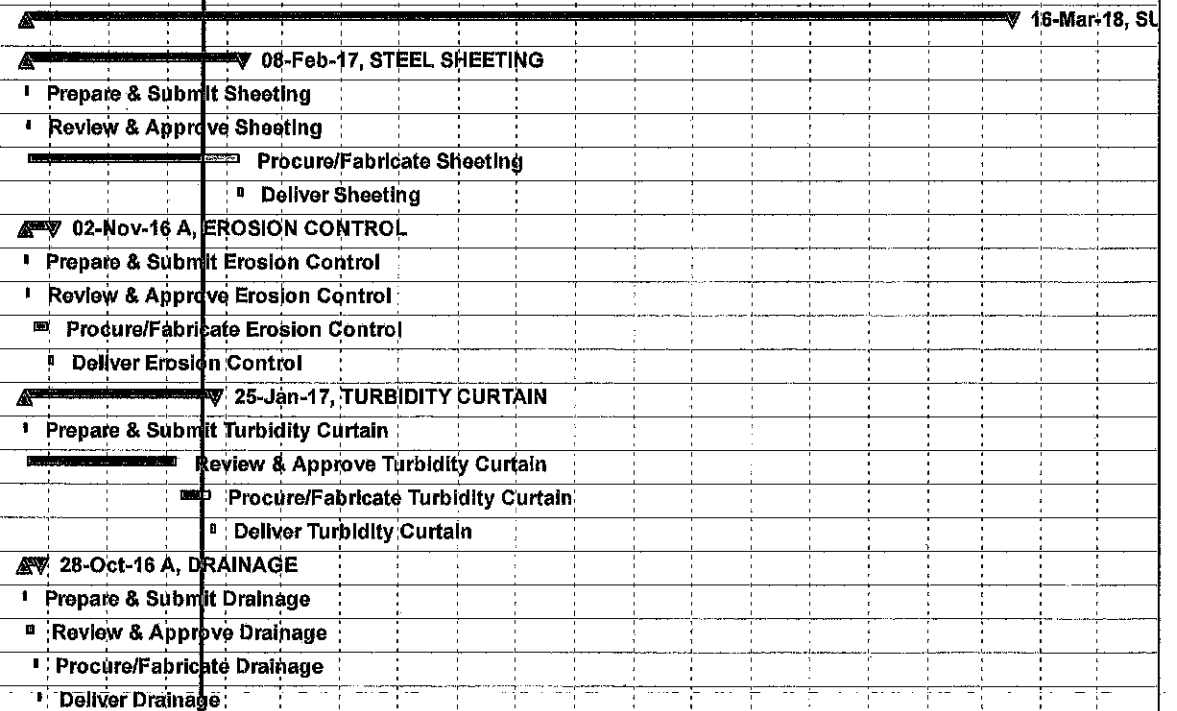
P0050	Prepare & Submit Erosion Control	2	0	100%	19-Oct-16 A	20-Oct-16 A	
P0060	Review & Approve Erosion Control	5	0	100%	20-Oct-16 A	21-Oct-16 A	
P0070	Procure/Fabricate Erosion Control	2	0	100%	24-Oct-16 A	31-Oct-16 A	
P0080	Deliver Erosion Control	2	0	100%	01-Nov-16 A	02-Nov-16 A	

TURBIDITY CURTAIN

P0090	Prepare & Submit Turbidity Curtain	5	0	100%	19-Oct-16 A	20-Oct-16 A	
P0100	Review & Approve Turbidity Curtain	10	0	100%	21-Oct-16 A	06-Jan-17 A	
P0110	Procure/Fabricate Turbidity Curtain	30	3	90%	09-Jan-17 A	23-Jan-17	14
P0120	Deliver Turbidity Curtain	2	2	0%	24-Jan-17	25-Jan-17	14

DRAINAGE

P0130	Prepare & Submit Drainage	3	0	100%	19-Oct-16 A	20-Oct-16 A	
P0140	Review & Approve Drainage	5	0	100%	21-Oct-16 A	24-Oct-16 A	
P0150	Procure/Fabricate Drainage	10	0	100%	25-Oct-16 A	26-Oct-16 A	
P0160	Deliver Drainage	2	0	100%	27-Oct-16 A	28-Oct-16 A	



Activity ID	Activity Name	OD	RD	%	Start	Finish	Total Elap	Gantt Chart (O N D J F M A M J J A S O N D J F M A M)											
ELECTRICAL								12-Jan-17 A, ELECTRICAL											
P0170	Prepare & Submit Electrical	5	0	100%	19-Oct-16 A	20-Oct-16 A		▣ Prepare & Submit Electrical											
P0180	Review & Approve Electrical	10	0	100%	21-Oct-16 A	26-Oct-16 A		▣ Review & Approve Electrical											
P0190	Procure/Fabricate Electrical	25	0	100%	27-Oct-16 A	27-Dec-16 A		▣ Procure/Fabricate Electrical											
P0200	Deliver Electrical	2	0	100%	03-Jan-17 A	12-Jan-17 A		▣ Deliver Electrical											
CONCRETE MIX DESIGN - CLASS A								06-Feb-17, CONCRETE MIX DESIGN - CLASS A											
P0210	Prepare & Submit Concrete Design Mixes	40	0	100%	19-Oct-16 A	16-Dec-16 A		▣ Prepare & Submit Concrete Design Mixes											
P0220	Review & Approve Concrete Design Mixes	10	6	40%	19-Dec-16 A	26-Jan-17	42	▣ Review & Approve Concrete Design Mixes											
P0230	Procure/Fabricate Concrete Design Mixes	5	5	0%	27-Jan-17	02-Feb-17	42	▣ Procure/Fabricate Concrete Design Mixes											
P0240	Deliver Concrete Design Mixes	2	2	0%	03-Feb-17	06-Feb-17	42	▣ Deliver Concrete Design Mixes											
CONCRETE MIX DESIGN - SEAWALL CAP								31-Jan-17, CONCRETE MIX DESIGN - SEAWALL CAP											
P0250	Prepare & Submit Concrete Design Mix - Cap	40	0	100%	19-Oct-16 A	16-Dec-16 A		▣ Prepare & Submit Concrete Design Mix - Cap											
P0260	Review & Approve Concrete Design Mix - Cap	10	2	80%	19-Dec-16 A	20-Jan-17	125	▣ Review & Approve Concrete Design Mix - Cap											
P0270	Procure/Fabricate Concrete Design Mix - Cap	5	5	0%	23-Jan-17	27-Jan-17	125	▣ Procure/Fabricate Concrete Design Mix - Cap											
P0280	Deliver Concrete Design Mix - Cap	2	2	0%	30-Jan-17	31-Jan-17	125	▣ Deliver Concrete Design Mix - Cap											
CONCRETE BRICK/BLOCK/MORTAR								18-Nov-16 A, CONCRETE BRICK/BLOCK/MORTAR											
P0290	Prepare & Submit Concrete Brick/Block/Mort	5	0	100%	19-Oct-16 A	02-Nov-16 A		▣ Prepare & Submit Concrete Brick/Block/Mortar											
P0300	Review & Approve Concrete Brick/Block/Mor	10	0	100%	03-Nov-16 A	15-Nov-16 A		▣ Review & Approve Concrete Brick/Block/Mortar											
P0310	Procure/Fabricate Concrete Brick/Block/Mort	2	0	100%	16-Nov-16 A	17-Nov-16 A		▣ Procure/Fabricate Concrete Brick/Block/Mortar											
P0320	Deliver Concrete Brick/Block/Mortar	2	0	100%	17-Nov-16 A	18-Nov-16 A		▣ Deliver Concrete Brick/Block/Mortar											
ITEM 5C SELECT FILL								21-Dec-16 A, ITEM 5C SELECT FILL											
P0330	Prepare & Submit Select Fill	5	0	100%	19-Oct-16 A	16-Dec-16 A		▣ Prepare & Submit Select Fill											
P0340	Review & Approve Select Fill	10	0	100%	16-Dec-16 A	19-Dec-16 A		▣ Review & Approve Select Fill											
P0350	Procure/Fabricate Select Fill	2	0	100%	19-Dec-16 A	20-Dec-16 A		▣ Procure/Fabricate Select Fill											
P0360	Deliver Select Fill	2	0	100%	20-Dec-16 A	21-Dec-16 A		▣ Deliver Select Fill											
ITEM 12DIP - 12" & 18" PIPE								06-Jan-17 A, ITEM 12DIP - 12" & 18" PIPE											
P0370	Prepare & Submit 12" & 18" DIP	5	0	100%	19-Oct-16 A	14-Dec-16 A		▣ Prepare & Submit 12" & 18" DIP											
P0380	Review & Approve 12" & 18" DIP	10	0	100%	14-Dec-16 A	19-Dec-16 A		▣ Review & Approve 12" & 18" DIP											
P0390	Procure/Fabricate 12" & 18" DIP	15	0	100%	20-Dec-16 A	30-Dec-16 A		▣ Procure/Fabricate 12" & 18" DIP											
P0400	Deliver 12" & 18" DIP	2	0	100%	03-Jan-17 A	06-Jan-17 A		▣ Deliver 12" & 18" DIP											
ITEM 17A-2 - EXPANSION JOINTS								31-Jan-17, ITEM 17A-2 - EXPANSION JOINTS											
P0410	Prepare & Submit Expansion Joints	40	0	100%	21-Dec-16 A	23-Dec-16 A		▣ Prepare & Submit Expansion Joints											
P0420	Review & Approve Expansion Joints	10	0	100%	23-Dec-16 A	27-Dec-16 A		▣ Review & Approve Expansion Joints											
P0430	Procure/Fabricate Expansion Joints	15	7	53.33%	28-Dec-16 A	27-Jan-17	46	▣ Procure/Fabricate Expansion Joints											
P0440	Deliver Expansion Joints	2	2	0%	30-Jan-17	31-Jan-17	46	▣ Deliver Expansion Joints											
ITEM 17A-2 - FORM LINER								17-Feb-17, ITEM 17A-2 - FORM LINER											
P0450	Prepare & Submit From Liner	40	0	100%	13-Dec-16 A	16-Dec-16 A		▣ Prepare & Submit From Liner											
P0460	Review & Approve From Liner	10	5	50%	16-Dec-16 A	25-Jan-17	112	▣ Review & Approve From Liner											
P0470	Procure/Fabricate From Liner	15	15	0%	26-Jan-17	15-Feb-17	112	▣ Procure/Fabricate From Liner											

Activity ID	Activity Name	OD	RD	%	Start	Finish	Total Float	Gantt Chart (O N D J F M A M J J A S O N D J F M A M)											
P0480	Deliver From Liner	2	2	0%	16-Feb-17	17-Feb-17	112												
ITEM 20 - BROKEN STONE																			
P0490	Prepare & Submit Broken Stone	20	0	100%	03-Jan-17 A	05-Jan-17 A													
P0500	Review & Approve Broken Stone	10	3	70%	06-Jan-17 A	23-Jan-17	4												
P0510	Procure/Fabricate Broken Stone	15	15	0%	24-Jan-17	13-Feb-17	4												
P0520	Deliver Broken Stone	2	2	0%	14-Feb-17	15-Feb-17	4												
ITEM 22C-2 - BASE COURSE ASPHALT																			
P0530	Prepare & Submit Base Course Asphalt	40	0	100%	19-Oct-16 A	23-Nov-16 A													
P0540	Review & Approve Base Course Asphalt	10	0	100%	23-Nov-16 A	29-Nov-16 A													
P0550	Procure/Fabricate Base Course Asphalt	15	1	93.33%	29-Nov-16 A	19-Jan-17	64												
P0560	Deliver Base Course Asphalt	2	2	0%	20-Jan-17	23-Jan-17	64												
ITEM 29 - ASPHALT FOR DRIVEWAY REST																			
P0570	Prepare & Submit Asphalt for Driveways	40	0	100%	19-Oct-16 A	23-Nov-16 A													
P0580	Review & Approve Asphalt for Driveways	10	0	100%	23-Nov-16 A	29-Nov-16 A													
P0590	Procure/Fabricate Asphalt for Driveways	15	1	93.33%	29-Nov-16 A	19-Jan-17	266												
P0600	Deliver Asphalt for Driveways	2	2	0%	20-Jan-17	23-Jan-17	266												
ITEM 33 - STEEL FOR STRUCTURES																			
P0610	Prepare & Submit Steel for Structures	40	0	100%	21-Dec-16 A	23-Dec-16 A													
P0620	Review & Approve Steel for Structures	10	1	90%	23-Dec-16 A	19-Jan-17	116												
P0630	Procure/Fabricate Steel for Structures	15	15	0%	20-Jan-17	09-Feb-17	116												
P0640	Deliver Steel for Structures	2	2	0%	10-Feb-17	13-Feb-17	116												
ITEM 36DRAN - ASPHALT BINDER / TOP																			
P0650	Prepare & Submit Asphalt Binder/Top	40	0	100%	19-Oct-16 A	23-Nov-16 A													
P0660	Review & Approve Asphalt Binder/Top	10	0	100%	23-Nov-16 A	29-Nov-16 A													
P0670	Procure/Fabricate Asphalt Binder/Top	15	1	93.33%	29-Nov-16 A	19-Jan-17	64												
P0680	Deliver Asphalt Binder/Top	2	2	0%	20-Jan-17	23-Jan-17	64												
ITEM 96X-2 - DRY SPLASH PAD STONE																			
P0690	Prepare & Submit Dry Splash Stone	20	20	0%	19-Jan-17	15-Feb-17	2												
P0700	Review & Approve Dry Splash Stone	10	10	0%	16-Feb-17	02-Mar-17	2												
P0710	Procure/Fabricate Dry Splash Stone	15	15	0%	03-Mar-17	23-Mar-17	2												
P0720	Deliver Dry Splash Stone	2	2	0%	24-Mar-17	27-Mar-17	2												
ITEM 85SP-3S - SEAWALL RAILING																			
P0730	Prepare & Submit Seawall Railing	40	40	0%	19-Jan-17	16-Mar-17	167												
P0740	Review & Approve Seawall Railing	30	30	0%	17-Mar-17	27-Apr-17	167												
P0750	Procure/Fabricate Seawall Railing	15	15	0%	28-Apr-17	18-May-17	167												
P0760	Deliver Seawall Railing	2	2	0%	19-May-17	22-May-17	167												
ITEM 502.01 PERVIOUS CONCRETE																			
P0770	Prepare & Submit Pervious Concrete	40	40	0%	19-Jan-17	16-Mar-17	67												
P0780	Review & Approve Pervious Concrete	10	10	0%	17-Mar-17	30-Mar-17	67												

Activity ID	Activity Name	OD	RD	%	Start	Finish	Total Float	Gantt Chart (Months: O, N, D, J, F, M, A, M, J, J, A, S, O, N, D, J, F, M, A, M)											
P0790	Procure/Fabricate Pervious Concrete	15	15	0%	31-Mar-17	20-Apr-17	67	Procure/Fabricate Pervious Concrete											
P0800	Deliver Pervious Concrete	2	2	0%	21-Apr-17	24-Apr-17	67	Deliver Pervious Concrete											
ITEM 604.51 FLEX CHECK VALVE								03-Feb-17, ITEM 604.51 FLEX CHECK VALVE											
P0810	Prepare & Submit Flex Check Valve	40	0	100%	19-Oct-16 A	10-Nov-16 A		Prepare & Submit Flex Check Valve											
P0820	Review & Approve Flex Check Valve	10	0	100%	10-Nov-16 A	13-Jan-17 A		Review & Approve Flex Check Valve											
P0830	Procure/Fabricate Flex Check Valve	15	10	33.33%	16-Jan-17 A	01-Feb-17	42	Procure/Fabricate Flex Check Valve											
P0840	Deliver Flex Check Valve	2	2	0%	02-Feb-17	03-Feb-17	42	Deliver Flex Check Valve											
ITEM 606.32 GUIDE RAIL								24-Apr-17, ITEM 606.32 GUIDE RAIL											
P0850	Prepare & Submit Guide Rail	40	40	0%	19-Jan-17	16-Mar-17	97	Prepare & Submit Guide Rail											
P0860	Review & Approve Guide Rail	10	10	0%	17-Mar-17	30-Mar-17	97	Review & Approve Guide Rail											
P0870	Procure/Fabricate Guide Rail	15	15	0%	31-Mar-17	20-Apr-17	97	Procure/Fabricate Guide Rail											
P0880	Deliver Guide Rail	2	2	0%	21-Apr-17	24-Apr-17	97	Deliver Guide Rail											
LANDSCAPING								16-Mar-18, LANDSCAPING											
P0890	Prepare & Submit Landscaping	150	150	0%	19-Jan-17	21-Aug-17	0	Prepare & Submit Landscaping											
P0900	Review & Approve Landscaping	10	10	0%	22-Aug-17	05-Sep-17	0	Review & Approve Landscaping											
P0910	Procure/Fabricate Landscaping	130	130	0%	06-Sep-17	14-Mar-18	0	Procure/Fabricate Landscaping											
P0920	Deliver Landscaping	2	2	0%	15-Mar-18	16-Mar-18	0	Deliver Landscaping											
STRIPING								10-Apr-17, STRIPING											
P0930	Prepare & Submit Striping	40	40	0%	19-Jan-17	16-Mar-17	222	Prepare & Submit Striping											
P0940	Review & Approve Striping	10	10	0%	17-Mar-17	30-Mar-17	222	Review & Approve Striping											
P0950	Procure/Fabricate Striping	5	5	0%	31-Mar-17	06-Apr-17	222	Procure/Fabricate Striping											
P0960	Deliver Striping	2	2	0%	07-Apr-17	10-Apr-17	222	Deliver Striping											
CONSTRUCTION WORK								02-Apr-18, CONSTRUCTION WORK											
STAGE A - OFF ROADWAY WORK								25-Jan-17, STAGE A - OFF ROADWAY WORK											
0010	Mobilization	10	0	100%	19-Oct-16 A	01-Nov-16 A		Mobilization											
0020	Construction Signage	5	0	100%	02-Nov-16 A	08-Nov-16 A		Construction Signage											
0030	Erosion and Sediment Control Devices	3	0	100%	09-Nov-16 A	14-Nov-16 A		Erosion and Sediment Control Devices											
0040	Selective Clearing & Grubbing	5	5	0%	19-Jan-17	25-Jan-17	19	Selective Clearing & Grubbing											
STAGE B1 - Single Lane Closure 7am - 9am, ROAD CLOSURE 9am - 3pm								20-Jan-17, STAGE B1 - Single Lane Closure 7am - 9am, ROAD CLOSURE 9am - 3pm											
PREP WORK & REMOVALS								20-Jan-17, PREP WORK & REMOVALS											
0060	Mill Asphalt	2	0	100%	15-Nov-16 A	16-Nov-16 A		Mill Asphalt											
0070	Sawcut	2	0	100%	17-Nov-16 A	18-Nov-16 A		Sawcut											
0050	Construction Privacy Fencing	2	2	0%	19-Jan-17	20-Jan-17	22	Construction Privacy Fencing											
DRAINAGE STRUCTURES								30-Dec-16 A, DRAINAGE STRUCTURES											
0080	Install Drainage Structures STA 52+50 to STA 97+50	13	0	100%	17-Nov-16 A	30-Dec-16 A		Install Drainage Structures STA 52+50 to STA 97+50											
STAGE B2 - FULL ROAD CLOSURE								19-Apr-17, STAGE B2 - FULL ROAD CLOSURE											
DRAINAGE PIPE INSTALLATION								17-Apr-17, DRAINAGE PIPE INSTALLATION											
0090	Remove Concrete Roadway	15	0	100%	08-Dec-16 A	11-Jan-17 A		Remove Concrete Roadway											
0100	Install Drainage Pipe	15	2	86.67%	08-Dec-16 A	20-Jan-17	0	Install Drainage Pipe											

Activity ID	Activity Name	OD	RD	%	Start	Finish	Total Float	G O N D J F M A M J J A S O N D J F M A M											
0110	Install Storm Water Treatment Units	15	15	0%	28-Mar-17	17-Apr-17	2	Install Storm Water Treatment Units											
PSEG								22-Feb-17, PSEG											
0120	PSEG MH Installation	15	0	100%	03-Jan-17 A	12-Jan-17 A		PSEG MH Installation											
0130	PSEG Conduit	15	9	40%	10-Jan-17 A	31-Jan-17	0	PSEG Conduit											
0140	PSEG Pull Wire & Energize	15	15	0%	01-Feb-17	22-Feb-17	0	PSEG Pull Wire & Energize											
CABLEVISION								31-Jan-17, CABLEVISION											
0150	Cablevision Work Complete	15	9	40%	10-Jan-17 A	31-Jan-17	15	Cablevision Work Complete											
NATIONAL GRID								13-Feb-17, NATIONAL GRID											
0160	Gas Main Installation	20	18	10%	11-Jan-17 A	13-Feb-17	6	Gas Main Installation											
SEAWALL WORK								19-Apr-17, SEAWALL WORK											
0170	Turbidity Curtain Along Shore Line	5	5	0%	01-Feb-17	07-Feb-17	10	Turbidity Curtain Along Shore Line											
0180	Removals & Install Sheeting STA 46+60 to 52	15	15	0%	23-Feb-17	15-Mar-17	0	Removals & Install Sheeting STA 46+60 to 52+00											
0190	Removals & Install Sheeting STA 52+00 to 58	15	15	0%	16-Mar-17	05-Apr-17	0	Removals & Install Sheeting STA 52+00 to 58+00											
0200	Removals & Install Sheeting STA 58+00 to 60	5	5	0%	06-Apr-17	12-Apr-17	0	Removals & Install Sheeting STA 58+00 to 60+00											
0205	Removals & Install Sheeting STA 60+00 to S1	5	5	0%	13-Apr-17	19-Apr-17	0	Removals & Install Sheeting STA 60+00 to STA 63+00											
CONCRETE CURB WEST SIDE								10-Mar-17, CONCRETE CURB WEST SIDE											
0210	Install Concrete Curb West Side	12	12	0%	23-Feb-17	10-Mar-17	31	Install Concrete Curb West Side											
PAVING								19-Apr-17, PAVING											
0220	Install Asphalt Base	5	5	0%	13-Apr-17	19-Apr-17	8	Install Asphalt Base											
PRIVACY FENCING								12-Apr-17, PRIVACY FENCING											
0230	Install Privacy Fencing	5	5	0%	06-Apr-17	12-Apr-17	5	Install Privacy Fencing											
STAGE C - Single Lane Closure 7am - 9am, ROAD CLOSURE 9am - 3pm								29-Dec-17, STAGE C - Single											
SEAWALL WORK SHEETING								28-Jul-17, SEAWALL WORK SHEETING											
0240	Removals & Install Sheeting STA 63+00 to 66	10	10	0%	20-Apr-17	03-May-17	0	Removals & Install Sheeting STA 63+00 to 66+00											
0250	Removals & Install Sheeting STA 66+00 to 72	15	15	0%	04-May-17	24-May-17	0	Removals & Install Sheeting STA 66+00 to 72+00											
0260	Removals & Install Sheeting STA 72+00 to 78	15	15	0%	25-May-17	15-Jun-17	0	Removals & Install Sheeting STA 72+00 to 78+00											
0270	Removals & Install Sheeting STA 78+00 to 84	15	15	0%	16-Jun-17	07-Jul-17	0	Removals & Install Sheeting STA 78+00 to 84+00											
0280	Removals & Install Sheeting STA 84+00 to 89	15	15	0%	10-Jul-17	28-Jul-17	0	Removals & Install Sheeting STA 84+00 to 89+45											
SEAWALL WORK GAP								29-Dec-17, SEAWALL WORK											
0290	Install Concrete CAP STA 46+60 to 52+60	15	15	0%	31-Jul-17	18-Aug-17	0	Install Concrete CAP STA 46+60 to 52+60											
0300	Install Concrete CAP STA 52+60 to 58+60	15	15	0%	21-Aug-17	11-Sep-17	0	Install Concrete CAP STA 52+60 to 58+60											
0310	Install Concrete CAP STA 58+60 to 64+60	15	15	0%	12-Sep-17	02-Oct-17	0	Install Concrete CAP STA 58+60 to 64+60											
0320	Install Concrete CAP STA 64+60 to 70+60	15	15	0%	03-Oct-17	23-Oct-17	0	Install Concrete CAP STA 64+60 to 70+60											
0330	Install Concrete CAP STA 70+60 to 76+60	15	15	0%	24-Oct-17	14-Nov-17	0	Install Concrete CAP STA 70+60 to 76+60											
0340	Install Concrete CAP STA 76+60 to 82+60	15	15	0%	15-Nov-17	07-Dec-17	0	Install Concrete CAP STA 76+60 to 82+60											
0350	Install Concrete CAP STA 82+60 to 89+45	15	15	0%	08-Dec-17	29-Dec-17	0	Install Concrete CAP STA 82+60 to 89+45											
STAGE D								30-Mar-18,											
CONCRETE CURBS & WALKS								12-Feb-18, CONCR											
0360	Install Concrete Curbs & Walks STA 46+60 to	15	15	0%	31-Jul-17	18-Aug-17	0	Install Concrete Curbs & Walks STA 46+60 to 52+60											
0370	Install Concrete Curbs & Walks STA 52+60 to	15	15	0%	21-Aug-17	11-Sep-17	0	Install Concrete Curbs & Walks STA 52+60 to 58+60											

