

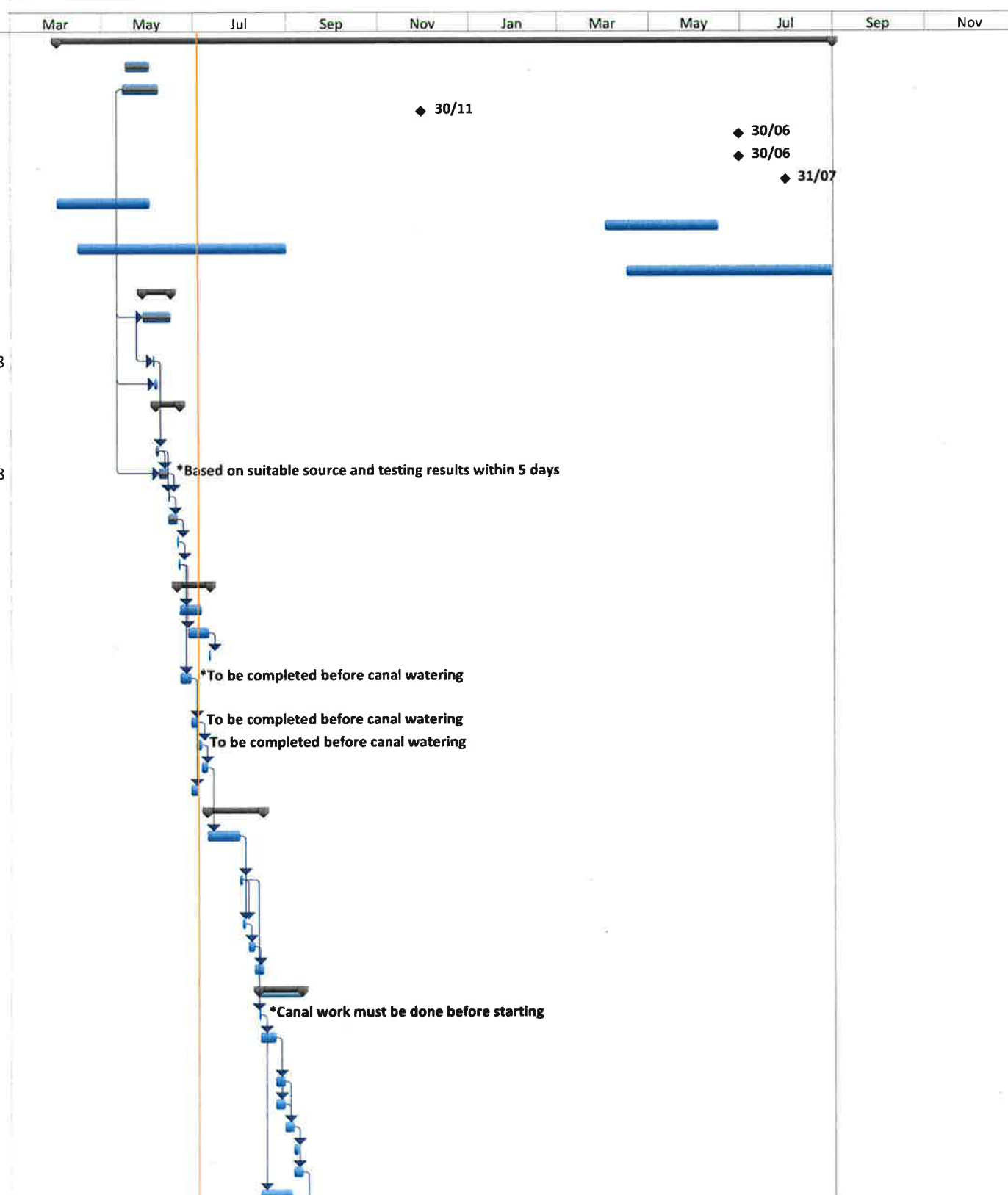


## Contract T-18-27

### South Canal Bank Road and Canal Reconstruction

#### Baseline Schedule June 28, 2018

ID	Task Name	Baseline Duration	Baseline Start	Baseline Finish	Actual Duration	Actual Start	Actual Finish	
1	<b>Preliminary Works/Milestones</b>	<b>374 days</b>	<b>Sun 01/04/18</b>	<b>Sat 31/08/19</b>	<b>33.59 days</b>	<b>Sun 01/04/18</b>	<b>NA</b>	
2	Locates	10 days	Wed 16/05/18	Tue 29/05/18	12 days	Thu 17/05/18	Fri 01/06/18	
3	Submittals (ie.traffic plans, imported clay, shop drawings, etc)	20 days	Wed 23/05/18	Tue 19/06/18	18 days	Tue 15/05/18	Thu 07/06/18	
4	Stage 1 to Stage 7 Substantial Completion	0 days	Fri 30/11/18	Fri 30/11/18	0 days	NA	NA	◆ 30/11
5	Stage 1 to Stage 7 Final Completion	0 days	Sun 30/06/19	Sun 30/06/19	0 days	NA	NA	◆ 30/06
6	Stage 8 Substantial Completion	0 days	Sun 30/06/19	Sun 30/06/19	0 days	NA	NA	◆ 30/06
7	Stage 8 Final Completion	0 days	Wed 31/07/19	Wed 31/07/19	0 days	NA	NA	◆ 31/07
8	No in-water works (2018)	47 days	Sun 01/04/18	Fri 01/06/18	0 days	NA	NA	
9	No in-water works (2019)	55 days	Tue 02/04/19	Sat 15/06/19	0 days	NA	NA	
10	No tree removals (2018)	101 days	Sun 15/04/18	Fri 31/08/18	0 days	NA	NA	
11	No tree removals (2019)	101 days	Tue 16/04/19	Sat 31/08/19	0 days	NA	NA	
12	<b>General Staging Works</b>	<b>5 days</b>	<b>Wed 30/05/18</b>	<b>Tue 05/06/18</b>	<b>13.33 days</b>	<b>Mon 28/05/18</b>	<b>NA</b>	
13	Mobilization, traffic control, site office, site preparation, project signs, etc	4 days	Wed 30/05/18	Mon 04/06/18	15 days	Mon 28/05/18	Fri 15/06/18	
14	Initial layout	2 days	Mon 04/06/18	Tue 05/06/18	1 day	Mon 04/06/18	Mon 04/06/18	
15	Pre & post condition survey	2 days	Fri 01/06/18	Mon 04/06/18	0 days	Tue 05/06/18	NA	
16	<b>Stage 1-Canal Works (*Owner to have certain works done prior to Stage 1)</b>	<b>19 days</b>	<b>Wed 06/06/18</b>	<b>Mon 02/07/18</b>	<b>10.15 days</b>	<b>Wed 06/06/18</b>	<b>NA</b>	
17	Install turbidity curtains	2 days	Wed 06/06/18	Thu 07/06/18	2 days	Wed 06/06/18	Thu 07/06/18	
18	Install transverse cofferdams	8 days	Fri 08/06/18	Tue 19/06/18	4 days	Fri 08/06/18	Wed 13/06/18	
19	Fish shocking and relocation	2 days	Wed 20/06/18	Thu 21/06/18	1 day	Thu 14/06/18	Thu 14/06/18	
20	Dewater canal	5 days	Fri 22/06/18	Thu 28/06/18	4 days	Thu 14/06/18	Tue 19/06/18	
21	Protect catchbasins, subdrain outlets, irrigation lines	1 day	Fri 29/06/18	Fri 29/06/18	0 days	NA	NA	
22	Confirm elevation of active fibreoptic	1 day	Mon 02/07/18	Mon 02/07/18	0 days	NA	NA	
23	<b>Stage 2-Canal Works</b>	<b>12 days</b>	<b>Tue 03/07/18</b>	<b>Wed 18/07/18</b>	<b>0 days</b>	<b>Wed 20/06/18</b>	<b>NA</b>	
24	Construct longitudinal dam & flood berm on north bank	10 days	Tue 03/07/18	Mon 16/07/18	0 days	Wed 20/06/18	NA	
25	Remove old bridge components	10 days	Tue 03/07/18	Mon 16/07/18	0 days	Wed 27/06/18	NA	
26	Remove east side CB & CB outlet	1 day	Tue 17/07/18	Tue 17/07/18	0 days	NA	NA	
27	Install helical piles for generator station and pumping station (*Building permit by Owner)	5 days	Tue 03/07/18	Mon 09/07/18	0 days	NA	NA	
28	Install precast pumping station & base slab & beam	3 days	Tue 10/07/18	Thu 12/07/18	0 days	NA	NA	
29	Install overflow pipes & inlet & outlet for pumping station	2 days	Fri 13/07/18	Mon 16/07/18	0 days	NA	NA	
30	Install oil grit separator	2 days	Tue 17/07/18	Wed 18/07/18	0 days	NA	NA	
31	Install concrete slab work for generator station	3 days	Tue 10/07/18	Thu 12/07/18	0 days	NA	NA	
32	<b>Stage 3-Canal Works</b>	<b>27 days</b>	<b>Thu 19/07/18</b>	<b>Fri 24/08/18</b>	<b>0 days</b>	<b>NA</b>	<b>NA</b>	
33	Excavate new canal & install flood berm under bridge & litteral shelf work	15 days	Thu 19/07/18	Wed 08/08/18	0 days	NA	NA	
34	Remove abandoned bell fibreoptics & protect riverstone at south abutment	2 days	Thu 09/08/18	Fri 10/08/18	0 days	NA	NA	
35	Extend irrigation line (Mann) to new canal (By others)	2 days	Mon 13/08/18	Tue 14/08/18	0 days	NA	NA	
36	Water up canal	4 days	Wed 15/08/18	Mon 20/08/18	0 days	NA	NA	
37	Remove transverse dams	4 days	Tue 21/08/18	Fri 24/08/18	0 days	NA	NA	
38	<b>Stage 4-Road Works (Wist Road Section)</b>	<b>21 days</b>	<b>Mon 13/08/18</b>	<b>Mon 10/09/18</b>	<b>0 days</b>	<b>NA</b>	<b>NA</b>	
39	Adjust traffic control/detour signing	1 day	Mon 13/08/18	Mon 13/08/18	0 days	NA	NA	
40	Excavate existing roadway & install geotextile & install SSM & do removals	8 days	Tue 14/08/18	Thu 23/08/18	0 days	NA	NA	
41	Install storm works	4 days	Fri 24/08/18	Wed 29/08/18	0 days	NA	NA	
42	Install hydro servicing for pump station & flood warning signs	4 days	Fri 24/08/18	Wed 29/08/18	0 days	NA	NA	
43	Install granular b subbase with subdrain	4 days	Thu 30/08/18	Tue 04/09/18	0 days	NA	NA	
44	Install culverts & entrances	3 days	Wed 05/09/18	Fri 07/09/18	0 days	NA	NA	
45	Install granular a base & curb	4 days	Wed 05/09/18	Mon 10/09/18	0 days	NA	NA	
46	Finish pump station construction	15 days	Tue 14/08/18	Mon 03/09/18	0 days	NA	NA	





## Contract T-18-27 South Canal Bank Road and Canal Reconstruction Baseline Schedule June 28, 2018

ID	Task Name	Baseline Duration	Baseline Start	Baseline Finish	Actual Duration	Actual Start	Actual Finish	Gantt Chart												
								Mar	May	Jul	Sep	Nov	Jan	Mar	May	Jul	Sep	Nov		
47	<b>Stage 5-Road Works (Davis Road Section)</b>	<b>22 days</b>	<b>Tue 11/09/18</b>	<b>Wed 10/10/18</b>	<b>0 days</b>	<b>NA</b>	<b>NA</b>													
48	Adjust traffic control/detour signing	1 day	Tue 11/09/18	Tue 11/09/18	0 days	NA	NA													
49	Excavate existing roadway & do removals	7 days	Wed 12/09/18	Thu 20/09/18	0 days	NA	NA													
50	Install storm works	4 days	Fri 21/09/18	Wed 26/09/18	0 days	NA	NA													
51	Install hydro servicing and gas servicing for generator station & hydro for flood warning signs	5 days	Fri 21/09/18	Thu 27/09/18	0 days	NA	NA													
52	Install subdrain	2 days	Fri 28/09/18	Mon 01/10/18	0 days	NA	NA													
53	Install culverts & entrances	3 days	Tue 02/10/18	Thu 04/10/18	0 days	NA	NA													
54	Install granular a base & curb	4 days	Fri 05/10/18	Wed 10/10/18	0 days	NA	NA													
55	Finish generator station construction	15 days	Wed 12/09/18	Tue 02/10/18	0 days	NA	NA													
56	<b>Stage 6-Road Works (Bridge Section)</b>	<b>13 days</b>	<b>Thu 11/10/18</b>	<b>Mon 29/10/18</b>	<b>0 days</b>	<b>NA</b>	<b>NA</b>													
57	Adjust traffic control/detour signing	1 day	Thu 11/10/18	Thu 11/10/18	0 days	NA	NA													
58	Excavate existing roadway & install geotextile & install SSM & do removals	5 days	Fri 12/10/18	Thu 18/10/18	0 days	NA	NA													
59	Install culverts & storm works	3 days	Fri 19/10/18	Tue 23/10/18	0 days	NA	NA													
60	Commence three phase wiring between generator and pumping station and activate pumping station	5 days	Fri 19/10/18	Thu 25/10/18	0 days	NA	NA													
61	Install granular b subbase with subdrain	2 days	Wed 24/10/18	Thu 25/10/18	0 days	NA	NA													
62	Install granular a base	2 days	Fri 26/10/18	Mon 29/10/18	0 days	NA	NA													
63	<b>Stage 7-Final Works for 2018 (Road Works &amp; Activation of Stations)</b>	<b>11 days</b>	<b>Tue 30/10/18</b>	<b>Tue 13/11/18</b>	<b>0 days</b>	<b>NA</b>	<b>NA</b>													
64	Topsoil and hydroseeding	5 days	Tue 30/10/18	Mon 05/11/18	0 days	NA	NA													
65	Granular a fine grading & base asphalt	4 days	Tue 06/11/18	Fri 09/11/18	0 days	NA	NA													
66	Place temporary line markings	1 day	Mon 12/11/18	Mon 12/11/18	0 days	NA	NA													
67	Driveway granulars	2 days	Mon 12/11/18	Tue 13/11/18	0 days	NA	NA													
68	Install flood warning signs & ground mounted signs	4 days	Tue 06/11/18	Fri 09/11/18	0 days	NA	NA													
69	Activate generator station	5 days	Tue 30/10/18	Mon 05/11/18	0 days	NA	NA													
70	Remove temporary pumping provisions	1 day	Tue 06/11/18	Tue 06/11/18	0 days	NA	NA													
71	Remove turbidity curtains	2 days	Wed 07/11/18	Thu 08/11/18	0 days	NA	NA													
72	<b>Stage 8-Top Asphalt &amp; Demobilization for 2019</b>	<b>15 days</b>	<b>Tue 21/05/19</b>	<b>Mon 10/06/19</b>	<b>0 days</b>	<b>NA</b>	<b>NA</b>													
73	Top Asphalt & adjustments	4 days	Tue 21/05/19	Fri 24/05/19	0 days	NA	NA													
74	Permanent line markings	2 days	Mon 27/05/19	Tue 28/05/19	0 days	NA	NA													
75	Driveway paving	2 days	Mon 27/05/19	Tue 28/05/19	0 days	NA	NA													
76	Granular shouldering	4 days	Wed 29/05/19	Mon 03/06/19	0 days	NA	NA													
77	Demobilization	5 days	Tue 04/06/19	Mon 10/06/19	0 days	NA	NA													

