



ctivity ID	Activity Name	Original	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cos	st 2020 2021
		Duration						ın Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May
96-INCH AN	D 87-INCH SES PIPE REHABILITATION - Final As-Built Schedu	247d	Feb-14-20 A	Feb-08-21 A		\$4,796,571.00	\$4,405,987.16	6 ▼ Feb-08-21 A, 96-IN0
1.1.1	Notice To Proceed	0d	Feb-14-20 A			\$0.00	\$0.00	
G1.3.2	DLE Reroute Allowance	133d	Feb-14-20 A	Jun-29-20 A		\$350,000.00	\$0.00	0 DLE Reroute Allowance
JS1.1.2.1	Job Trailer Setup	21d	Mar-03-20 A	Mar-30-20 A		\$39,600.00	\$39,600.00	O lob Trailor Saturb
SU1.1.3.01	Health & Safety Plan	32d	Mar-04-20 A	Apr-17-20 A		\$11,880.00	\$11,880.00	0 Health & Safety Plan
JS1.1.2.2	Staging Yard Fence	1d	Mar-16-20 A	Mar-16-20 A		\$15,840.00	\$15,840.00	0   Staging Vard Fence
G1.3.3	Michels PM/CM/Safety Rep	30d	Mar-30-20 A	Oct-31-20 A		\$498,960.00	\$498,960.00	0 Michels PM/CM/Safety Rep
SU1.1.3.02	Baseline Schedule	25d	Apr-03-20 A	May-27-20 A		\$11,880.00	\$11,880.00	0 Baseline Schedule
SU1.1.3.03	Water Pollution Control Plan	15d	Apr-07-20 A	Jun-06-20 A		\$5,940.00	\$5,940.00	0 Water Pollution Control Plan
SU1.1.3.04	PSR 96IN 001 - C Street Closure	12d	Apr-08-20 A	Apr-23-20 A		\$11,880.00	\$11,880.00	0 PSR 96IN 001 - C Street Closure
SU1.1.3.05	PS 96IN 002 - Electrical Tie In	22d	Apr-08-20 A	May-07-20 A		\$5,940.00	\$5,940.00	0 PS 96IN 002 - Electrical Tie In
SU1.1.3.06	Soil & Groundwater Management Plan	20d	Apr-13-20 A	May-07-20 A		\$5,940.00	\$5,940.00	0 Soil & Groundwater Management Plan
SU1.1.3.07	Electrical Raceway Data	16d	Apr-16-20 A	May-11-20 A		\$2,376.00	\$2,376.00	0 Electrical Raceway Data
SU1.1.3.09	HDPE DR 17 Data	7d	Apr-17-20 A	Apr-21-20 A		\$2,376.00	\$2,376.00	0 ■ HDPE DR 17 Data
SU1.1.3.16	Electrical Cable Data	5d	Apr-20-20 A	Apr-29-20 A		\$2,376.00	\$2,376.00	0 Electrical Cable Data
SU1.1.3.10	Initial Preconstruction Video/Photos Surveys	13d	Apr-21-20 A	Jun-26-20 A		\$5,940.00	\$5,940.00	0 Initial Preconstruction Video/Photos Surveys
C1.2.1.02	Material Acquisition	3d	Apr-22-20 A	Apr-27-20 A		\$0.00	\$18,347.48	8 Material Acquisition
C1.2.1.03	Rain for Rent & Fermin Sierra Mobilize	1d	Apr-27-20 A	Apr-27-20 A		\$83,377.00	\$83,377.00	0 I Rain for Rent & Fermin Sierra Mobilize
C1.2.1.01	Utility Locating	1d	Apr-27-20 A	Apr-27-20 A		\$13,200.00	\$13,200.00	0 I Utility Locating
C1.2.1.04	Excavation Across C St.	1d	Apr-28-20 A	Apr-28-20 A		\$0.00	\$24,129.00	0 I Excavation Across C St.
C1.2.1.08	Install Electrical Conduit & Backfill	1d	Apr-28-20 A	Apr-28-20 A		\$9,585.00	\$9,585.00	0 I Install Electrical Conduit & Backfill
C1.2.1.09	Install Trench Plates Over Conduit	1d	Apr-28-20 A	Apr-28-20 A		\$9,585.00	\$9,585.00	0 Install Trench Plates Over Conduit
C1.2.1.05	Install 12" HDPE Pipes Across C St. & Backfill	1d	Apr-28-20 A	Apr-28-20 A		\$0.00	\$73.50	0 Install 12" HDPE Pipes Across C St. & Backfill
C1.2.1.06	Install Trench Plates Across C Street	1d	Apr-28-20 A	Apr-28-20 A		\$0.00	\$1,575.00	0 I Install Trench Plates Across C Street
C1.2.1.07	Excavation for Electrical Conduit	1d	Apr-28-20 A	Apr-28-20 A		\$9,585.00	\$9,585.00	0 I Excavation for Electrical Conduit
SU1.1.3.12	Dust Control Plan	18d	Apr-29-20 A	May-07-20 A		\$5,940.00	\$5,940.00	0 Dust Control Plan
C1.2.1.10	Install 12" HDP Reroute Pipes	7d	Apr-29-20 A	May-07-20 A		\$47,925.00	\$47,925.00	0 ■ Install 12" HDP Reroute Pipes
SU1.1.3.11	DLE Reroute System Startup & Testing Plan	8d	Apr-29-20 A	May-12-20 A		\$5,940.00	\$5,940.00	0 DLE Reroute System Startup & Testing Plan
SU1.1.3.08	PSR 96IN 003 - Traffic Control CCR	3d	Apr-30-20 A	Jun-11-20 A		\$2,376.00	\$2,376.00	0 P\$R 96IN 003 - Traffic Control CCR
C1.2.1.11	Move/ Reinstall Pumps in PE Box #2	1d	May-05-20 A	May-05-20 A		\$9,585.00	\$9,585.00	0 I Move/ Reinstall Pumps in PE Box #2
SU1.1.3.13	CCTV Submittals	9d	May-05-20 A	May-11-20 A		\$5,940.00	\$5,940.00	0 ■ CCTV Submittals
C1.2.1.12	Install discharge pipes, flow meters, valves, & sensor	2d	May-06-20 A	May-07-20 A		\$28,755.00	\$28,755.00	0 I Install discharge pipes, flow meters, valves, & sensor
SU1.1.3.14	Cleaning Plan	12d	May-06-20 A	May-21-20 A		\$5,940.00	\$5,940.00	
1.1.2	Design Change Memo 04	8d	May-08-20 A	May-15-20 A		\$0.00	\$0.00	0 Design Change Memo 04
C1.2.1.12A	Move/Reinstall flowmeters in 8" discharge pipes	1d	May-08-20 A	May-08-20 A		\$0.00	\$0.00	0 I Move/Reinstall flowmeters in 8" discharge pipes
C1.2.1.14	Pressure Test Reroute System	1d	May-12-20 A	May-12-20 A		\$28,755.00	\$28,755.00	
CO1.2.1.01	PSR 96IN 004 - 78in Diversion	21d	May-13-20 A	Jun-02-20 A		\$0.00	\$0.00	0 PSR 96IN 004 - 78in Diversion
CO1.2.1.02	Order & Delivery of 78-Inch Plug #1 (DCM 04 - 5/8/20)	7d	May-13-20 A	May-19-20 A		\$0.00	\$21,592.4	5
Actual W	/ork	Date	·	Revision		Checked	Approved	Date: May-04-21
Remainii								DD: Feb-08-21
	lemaining Work							Project Start: Feb-14-20
◆ Mileston	e					+		Project Finish: Feb-08-21
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ctivity ID	Activity Name	Original	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cos	st	2020		2021
		Duration						ın Feb Mar	Apr May Jun Jul Aug Sep		
JS1.1.2.12	Covid-19 Guidelines Response	5d	May-13-20 A	Nov-13-20 A		\$0.00	\$9,117.78				idelines Response
C1.2.1.16	Tie In Electrical to Junction Box	2d	May-14-20 A	May-15-20 A		\$9,585.00	\$9,585.00		I Tie In Electrical to Junc		
G1.3.1	SES Reroute System by O&M Will be Ready by 5/15/20	1d	May-15-20 A	May-15-20 A		\$0.00	\$0.00		I SES Reroute System b	11	/ 5/15/20
C1.2.1.13	Install VFD's & Control System Components	1d	May-15-20 A	May-15-20 A		\$9,585.00	\$19,262.7		Ⅰ Install VFD's & Control		
CO1.2.1.03	Order & Delivery of 78-Inch Plug #2 (DCM 04 REV 5/15/20)	9d	May-18-20 A	May-26-20 A		\$0.00	\$21,592.4		Order & Delivery of 7		REV 5/15/20)
C1.2.1.17	Install saddle and air vents	1d	May-19-20 A	May-19-20 A		\$0.00	\$4,453.40		l Install saddle and air v		
C1.2.1.18	LOTO - Power up VFDs & Install System Components	1d	May-20-20 A	May-20-20 A		\$9,585.00	\$9,585.00	) ס	I LOTO - Power up VFI	i i	ponents
C1.2.1.19	Install serial cable from DCS	1d	May-20-20 A	May-20-20 A		\$1,917.00	\$1,917.00	)	Install serial cable from	DCS	
C1.2.1.20	Cover Electrical Conduit with plywood	1d	May-20-20 A	May-20-20 A		\$0.00	\$0.00	0	l Cover Electrical Cond	uit with plywood	
C1.2.1.21	Connect PLC to VFDs Troubleshoot & Test	1d	May-21-20 A	May-21-20 A		\$9,585.00	\$9,585.00	0	Connect PLC to VFDs	Troubleshoot & Test	
C1.2.1.22	Pre-Functional Test of DLE Reroute System (w/o DLE flow)	2d	May-22-20 A	May-22-20 A		\$7,668.00	\$7,668.00	0		DLE Reroute System (v	
C.1.2.2.01	Michels CCTV Crew Mobilize	15d	May-27-20 A	Jun-16-20 A		\$35,733.00	\$35,733.00	)	Michels CCTV Ci	ew Mobilize	
C1.2.1.23	48hr Functional Acceptance Test of DLE Reroute System	6d	May-27-20 A	Jun-01-20 A		\$0.00	\$0.00	0		eptance Test of DLE Re	route System
C.1.2.2.1A	Utility Locating for Access Shaft	1d	May-28-20 A	May-28-20 A		\$6,600.00	\$6,600.00	O	l Utility Locating for Ad	cess Shaft	
A1340	Sheeting & Shoring for CCR on 87 in * 136 in	0d	Jun-01-20 A	Aug-17-20 A		\$47,250.00	\$0.00	O	Shee	ting & Shoring for CCR (	on 87 in * 136 in
SU1.1.3.17	Concrete Submittals	9d	Jun-03-20 A	Aug-04-20 A		\$2,376.00	\$2,376.00	o	Concre	te Submittals	
CO1.2.1.04	Michels Order Flowmeter Replacement Heads	2d	Jun-03-20 A	Jun-05-20 A		\$0.00	\$9,758.7	1	■ Michels Order Flow	meter Replacement He	ads
SU1.1.3.18	Sheeting & Shoring Designs	9d	Jun-04-20 A	Jun-15-20 A		\$5,940.00	\$5,940.00	0	Sheeting & Shori	ng Designs	
CO1.2.1.05	Install Strap-On Flowmeters	1d	Jun-04-20 A	Jun-04-20 A		\$0.00	\$0.00	0	। Install Strap-On Flo		
CO1.2.1.06	Install Replacement Flowmeters	1d	Jun-09-20 A	Jun-09-20 A		\$0.00	\$0.00	0	│ Install Replaceme	nt Flowmeters	
CO1.2.1.07	Train O&M on DLE Reroute System	1d	Jun-09-20 A	Jun-09-20 A		\$0.00	\$0.00	ס	□ Train O&M on DLE	Reroute System	
C1.2.4.1	Utility Potholing	1d	Jun-10-20 A	Jun-22-20 A		\$19,800.00	\$19,800.00	ס	Utility Potholing		
CO1.2.1.08	City to Shutdown B & D Side Tanks	1d	Jun-16-20 A	Jun-17-20 A		\$0.00	\$0.00	o	l Çity to Shutdown	B & D Side Tanks	
CO1.2.1.09	Michels Install Stop Log & 78in Plugs	1d	Jun-16-20 A	Jun-17-20 A		\$0.00	\$14,881.9	1	I Michels Install St	pp Log & 78in Plugs	
C1.2.1.15	Test Control System and Handover DLE Reroute System	14d	Jun-16-20 A	Jun-29-20 A		\$0.00	\$0.00	o	Test Control S	stem and Handover DL	E Reroute \$ystem
C1.2.3.2	Install Access Shaft	2d	Jun-17-20 A	Jul-02-20 A		\$41,700.00	\$41,700.00	o	Install Access	Shaft	
C1.2.2.2	Clean & Inspect 87-Inch SES Pipe	2d	Jun-18-20 A	Jun-19-20 A		\$39,585.00	\$39,585.00	0	l Clean & Inspect	87-Inch SES Pipe	
CO1.2.1.10	Rain for Rent adjust setpoint for DLE Pumps	1d	Jun-18-20 A	Jun-18-20 A		\$0.00	\$0.00	0	Ⅰ Rain for Rent ad	ust setpoint for DLE Pur	nps
C1.2.2.3	Clean & Inspect 96-Inch SES Pipe	2d	Jun-19-20 A	Jun-19-20 A		\$61,133.00	\$61,133.00	0	l Clean & Inspect	96-Inch SES Pipe	
C1.2.2.4	Review & Approve Inspection Videos	4d	Jun-19-20 A	Jul-02-20 A		\$0.00	\$0.00	0	Review & App	rove Inspection Videos	
A1350	Excavation & Restoration to perform CCR on 87in x 136in	0d	Jun-22-20 A	Jul-08-20 A		\$263,150.00	\$0.00	0	Excavation 8	Restoration to perform	CCR on 87in x 136in
C1.2.4.3A	Excavation to Top of Pipe (STA 0+48 to STA 0+80)	1d	Jun-23-20 A	Jun-24-20 A		\$8,429.40	\$8,429.40		I Excavation to T	op of Pipe (STA 0+48 to	STA 0+80)
SU1.1.3.19	CIPP Submittals	12d	Jun-24-20 A	Aug-21-20 A		\$5,940.00	\$5,940.00		ii	P Submittals	
SU1.1.3.20	Traffic Control Plan - CIPP	30d	Jun-24-20 A	Aug-10-20 A		\$5,940.00	\$5,940.00		Traffic	Control Plan - CIPP	
C1.2.4.3B	Excavation to Top of Pipe (STA 0+80 to STA 1+12)	2d	Jun-25-20 A	Jun-26-20 A		\$8,429.39	\$8,429.39			op of Pipe (STA 0+80 to	STA 1+12)
C.1.2.4.8	Hand dig around utilities (STA 0+48 to STA 0+80)	5d	Jun-29-20 A	Jun-29-20 A		\$0.00	\$0.00			nd utilities (STA0+48 to	
C1.2.4.3C	Excavation to Top of Pipe (STA 1+12 to STA 1+44)	2d	Jun-30-20 A	Jun-30-20 A		\$8,429.40	\$8,429.40			Top of Pipe (STA 1+12 t	
C1.2.5.1	Liner Order & Delivery	34d	Jul-01-20 A	Aug-19-20 A		\$0.00	\$0.00		 	Order & Delivery	
	,	Date		Revision		Checked	Approved		!		1 !
Actual W Remaini						2.700,100	. pp.0100	Date: May-0			
	emaining Work							DD: Feb-08-			
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ctivity ID	Activity Name	Original Duration	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cos	
C1.2.4.3D	Excavation to Top of Pipe (STA 1+44 to STA 1+76)	2d	Jul-01-20 A	Jul-02-20 A		\$8,429.39	\$8,429.39	n Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May  Excavation to Top of Pipe (STA 1+44 to STA 1+76)
1.1.3	Design Change Memo 07 - PDCCR	14d	Jul-01-20 A	Jul-14-20 A		\$0.00	\$0.00	<del>-</del> <del></del>
1.1.4	Design Change Memo 09 - PDCCR Revised	15d	Jul-06-20 A	Jul-20-20 A		\$0.00	\$0.00	<u> </u>
C1.2.2.5	87in x 136in Additional Crown Cleaning	2d	Jul-08-20 A	Jul-09-20 A		\$0.00	\$15,390.29	
A1360	Complete CCR of 87in x 136in (STA 0+16 to STA 3+77)	Od	Jul-09-20 A	Aug-10-20 A		\$1,113,750.00	\$0.00	
SU1.1.3.21	PSR 96IN 005 - 24 hr CIPP Install	46d	Jul-10-20 A	Aug-10-20 A		\$2,376.00	\$2,376.00	
C1.2.4.2C	Set Internal Bracing (STA 1+00 to STA 1+39)	40u	Jul-10-20 A Jul-14-20 A	Jul-17-20 A		\$20,000.00	\$2,370.00	<del></del>
C1.2.4.2C	Remove Existing Crown (STA 1+00 to STA 1+39)	1d	Jul-17-20 A	Jul-20-20 A		\$20,000.00	\$26,183.00	
	,							
C1.2.4.5C-1	Install Rebar (STA 1+00 to STA 1+39)	1d	Jul-21-20 A	Jul-30-20 A		\$26,183.00	\$26,183.00	
C1.2.4.5C-11	Build & Set Additional Forms for Exploratory Cut (STA 1+39 to 1+42)	2d	Jul-27-20 A	Jul-28-20 A		\$0.00	\$0.00	
C1.2.4.2B	Set Internal Bracing (STA 0+88 to STA 1+01)	1d	Jul-29-20 A	Jul-29-20 A		\$20,000.00	\$20,000.00	
C1.2.4.4B	Remove Existing Crown (STA 0+88 to STA 1+01)	1d	Jul-30-20 A	Jul-31-20 A		\$26,183.00	\$26,183.00	
C1.2.4.5B-1	Install Rebar (STA 0+88 to STA 1+01)	3d	Jul-31-20 A	Aug-04-20 A		\$26,183.00	\$26,183.00	<u> </u>
C1.2.4.5B-11	Pour New Concrete Crown STA 0+76 to STA 0+88	1d	Aug-04-20 A	Aug-04-20 A		\$26,183.75	\$26,183.75	
C1.2.4.5B-21	Pour New Concrete Crown STA 1+01 to STA 1+15	1d	Aug-04-20 A	Aug-04-20 A		\$26,183.75	\$26,183.75	<u> </u>
C1.2.4.5C-2	Pour New Concrete Crown STA 1+24 to STA 1+42	1d	Aug-04-20 A	Aug-04-20 A		\$26,183.75	\$26,183.75	
C1.2.4.2A	Set Internal Bracing STA 0+80 to STA 1+00 & STA 1+12 to STA 1+24	1d	Aug-05-20 A	Aug-06-20 A		\$20,000.00	\$20,000.00	
C1.2.3.3	Michels Geopolymer Crew Mobilize	1d	Aug-06-20 A	Aug-06-20 A		\$11,911.00	\$11,911.00	
C1.2.3.4	Restore Pipe Crown	4d	Aug-07-20 A	Aug-14-20 A		\$169,000.00	\$169,000.00	Restore Pipe Crown
C1.2.4.4A	Remove Existing Crown STA 0+80 to STA 1+00 & STA 1+12 to STA 1+24	4d	Aug-07-20 A	Aug-10-20 A		\$26,183.00	\$26,183.00	Remove Existing Crown \$TA 0+80 to STA 1+00 & STA
C1.2.5.2	Michels CIPP Crew Mobilize	1d	Aug-10-20 A	Aug-10-20 A		\$47,644.00	\$47,644.00	I Michels CIPP Crew Mobilize
C1.2.4.5B-2	Pour New Concrete Crown STA 0+80 to STA 1+00 & STA 1+12 to STA 1+24	5d	Aug-10-20 A	Aug-10-20 A		\$26,183.75	\$26,183.75	Pour New Concrete Crown STA 0+80 to STA 1+00 &
C1.2.5.3	Wetout Setup	6d	Aug-10-20 A	Aug-18-20 A		\$39,600.00	\$39,600.00	) ■ Wetout Setup
C1.2.4.7-A	Backfill 3ft lift STA 0+70 to STA 1+76	5d	Aug-13-20 A	Aug-14-20 A		\$30,641.21	\$30,641.21	I Backfill 3ft lift STA 0+70 to STA 1+76
A1000	Excavate Access Shaft for PDCCR STA 1+45 to STA 1+60	1d	Aug-13-20 A	Aug-13-20 A		\$0.00	\$3,549.10	I Excavate Access Shaft for PDCCR STA 1+45 to STA
A1010	Clean crown, prep to remove crown after sawcut	1d	Aug-14-20 A	Aug-14-20 A		\$0.00	\$6,401.98	I Clean crown, prep to remove crown after sawcut
A1020	Chip crown to expose rebar STA 1+48 to 1+55, 1+77 to 1+85	1d	Aug-17-20 A	Aug-17-20 A		\$0.00	\$17,089.75	Chip crown to expose rebar STA1+48 to 1+55, 1+7
A1030	Chip crown STA 1+42 to 1+50, 0+64 to 0+70, Clean crown STA 1+42 to 1+70	1d	Aug-18-20 A	Aug-18-20 A		\$0.00	\$22,084.07	7 I Chip crown STA 1+42 to 1+50, 0+64 to 0+70, Clean
C1.2.5.5	CIPP Installation	2d	Aug-19-20 A	Aug-21-20 A		\$649,991.79	\$649,991.79	9 I CIPP Installation
A1040	Chip crown STA 1+50 to 1+55, 1+81 to 1+88, Clean crown STA 1+81 to 1+95	1d	Aug-19-20 A	Aug-19-20 A		\$0.00	\$22,095.06	Chip crown STA 1+50 to 1+55, 1+81 to 1+88, Clean
C1.2.5.4	Install Bulkhead	1d	Aug-20-20 A	Aug-20-20 A		\$103,173.30	\$103,173.30	) I Install Bulkhead
A1050	Chip crown STA 0+23 to 0+74, 1+42 to 1+55, 1+77 to 2+01, Clean crown STA 1	1d	Aug-20-20 A	Aug-20-20 A		\$0.00	\$15,225.16	Chip drown STA 0+23 to 0+74, 1+42 to 1+55, 1+77
C1.2.5.6	CIPP Curing	1d	Aug-21-20 A	Aug-24-20 A		\$103,173.30	\$103,173.30	CIPP Curing
A1060	Chip crown STA 2+01 to 2+10, 1+63 to 1+81, Clean crown STA 2+20 to 2+35	1d	Aug-21-20 A	Aug-21-20 A		\$0.00	\$15,865.74	
A1070	Chip crown STA 3+07 to 3+13, 3+58 to 3+68, Clean crown STA 2+55 to 2+73	1d	Aug-22-20 A	Aug-22-20 A		\$0.00	\$13,762.13	I Chip crown STA 3+07 to 3+13, 3+58 to 3+68, Clear
A1080	Chip crown STA 3+54 to 3+61, 2+58 to 2+62, Clean crown STA 2+62 to 2+80	1d	Aug-24-20 A	Aug-24-20 A		\$0.00	\$19,105.96	
C1.2.5.8	Remove Bulkhead	2d	Aug-25-20 A	Aug-26-20 A		\$51,586.65	\$51,586.65	
A1090	Chip crown STA 2+42 to 2+56, Install 114 couplings from STA 2+05 to 2+14	1d	Aug-25-20 A	Aug-25-20 A		\$0.00	\$44,581.20	
		Date		Revision		Checked	Approved	
Actual W  Remainir	OIK	5410		1 10 101011		Showa		Date: May-04-21
	emaining Work							DD: Feb-08-21 Project Start: Feb-14-20
◆ Milestone	-							Project Start: Feb-14-20 Project Finish: Feb-08-21
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activity ID	Activity Name	Original Duration		Finish	Total Float	Budgeted Total Cost	Actual Total Cost	in Feb Mar Apr May Jun	20 Jul Aug Sep Oct Nov Dec	2021 Jan Feb Mar Apr May In
C1.2.5.17	Breakdown and Remove Equipment	4d	Aug-25-20 A	Aug-28-20 A		\$13,756.44	\$13,756.44	4	Breakdown and Rem	<u> </u>
C1.2.5.7	Cut Tail End Off Liner	2d	Aug-26-20 A	Aug-27-20 A		\$103,173.30	\$103,173.30		Cut Tail End Off Liner	
A1100	Chip crown STA 2+46 to 2+56, Install 66 couplings from STA 2+01 to 2+05	1d	Aug-26-20 A	Aug-26-20 A		\$0.00	\$15,082.52		I Chip crown STA 2+46	to 2+56, Install 66 couplings fro
A1110	Chip crown STA 2+30 to 2+46 and STA 1+80 to 2+01	1d	Aug-27-20 A	Aug-27-20 A		\$0.00	\$14,565.25		Chip crown STA 2+30	to 2+46 and STA 1+80 to 2+01
C1.2.5.9	Post CIPP Inspection	0d	Aug-28-20 A	Aug-28-20 A		\$6,878.22	\$6,878.22		I Post CIPP Inspection	
A1120	Chip crown STA 2+14 to 2+25, Install 154 couplings STA 1+92 to 2+05	1d	Aug-28-20 A	Aug-28-20 A		\$0.00	\$15,315.00		I Chip crown STA 2+14	to 2+25, Install 154 couplings
A1130	Chip crown STA 2+14 to 2+24, Install 82 couplings STA 2+05 to 1+98, 36 couplings	1d	Aug-29-20 A	Aug-29-20 A		\$0.00	\$14,633.73			to 2+24, Install 82 couplings S
A1140	Chip & cut rebar STA2+24 to 2+39, Installed 216 couplings, Rebar top and botto	1d	Aug-31-20 A	Aug-31-20 A		\$0.00	\$74,216.51		Chip & cut rebar STA	2+24 to 2+39, Installed 216 co
A1150	Install TL rebar STA 2+33 to 2+43, BL rebar STA 2+26 to 2+43. Installed 250 cou	1d	Sep-01-20 A	Sep-01-20 A		\$0.00	\$16,361.24		<u> </u>	2+33 to 2+43, BL rebar STA 2+2
A1160	Install rebar STA 2+43 to 2+51, 2+53 to 2+57. Chip crown 3+56 to 3+68, 1+80 to	1d	Sep-02-20 A	Sep-02-20 A		\$0.00	\$16,976.30		I Install rebar STA 2+4	3 to 2+51, 2+53 to 2+57. Chip
A1170	Install rebar STA 2+69, 3+00 to 3+02, 2+39to 3+64 (170 couplings). Chip crown	1d	Sep-03-20 A	Sep-03-20 A		\$0.00	\$15,083.36		i	9, 3+00 to 3+02, 2+39to 3+64
A1180	Install rebar downstream end 13'. Chip and cut rebar STA 1+62 to 1+75	1d	Sep-04-20 A	Sep-04-20 A		\$0.00	\$29,620.31			eam end 13'. Chip and cut reb
A1190	Clean concrete debris STA 1+50 to 3+68, Chip TL rebar at access shaft, Inst. 10	1d	Sep-05-20 A	Sep-05-20 A		\$0.00	\$14,594.53			ris STA 1+50 to 3+68, Chip TL
A1200	Chip TL at access shaft from STA 1+55 to 1+50, Inst. 205 couplings STA 2+00 to	1d	Sep-08-20 A	Sep-08-20 A		\$0.00	\$16,564.22		i i	haft from STA 1+55 to 1+50, In
C1.2.6.1	Michels Services Crew Mobilize	1d	Sep-09-20 A	Sep-09-20 A		\$23,822.00	\$23,822.00		Michels Services C	<u> </u>
A1210	Install rebar STA 1+52 to 1+65, 205 couplings, 2 layers #4 rebar & 1 layer #3 ret	1d	Sep-09-20 A	Sep-09-20 A		\$0.00	\$16,787.19			52 to 1+65, 205 couplings, 2 la
1.1.5	Design Change Memo 10 - Epoxy	1d	Sep-09-20 A	Sep-09-20 A		\$0.00	\$0.00		Design Change Me	
C1.2.6.4	Apply Epoxy Coating	3d	Sep-10-20 A	Sep-15-20 A		\$38,500.00	\$38,500.00		■ Apply Epoxy Coat	j
A1220	Install concrete forms for access shaft, poured concrete, installed couplings & rel	1d	Sep-10-20 A	Sep-10-20 A		\$0.00	\$18,867.63			ns for access shaft, poured cor
A1230	Installed 83 couplings downstream of access point. Poured slurry at access poin	1d	Sep-11-20 A	Sep-11-20 A		\$0.00	\$13,553.72			gs downstream of access poin
A1240	Finish minor chipping, install #3 rebar, installed 198 couplings upstream of acces	1d	Sep-14-20 A	Sep-14-20 A		\$0.00	\$22,511.67		I Finish minor chipp	ng, install #3 rebar, installed 19
A1250	Install rebar & 196 couplings upstream from access point	1d	Sep-15-20 A	Sep-15-20 A		\$0.00	\$16,108.42			couplings upstream from acce
C1.2.6.14	Third Party Testing - Epoxy	1d	Sep-15-20 A	Sep-16-20 A		\$0.00	\$0.00		I Third Party Testing	- Epoxy
1.1.6	Design Change Memo 11 - Geopolymer 87in Joints	1d	Sep-16-20 A	Sep-16-20 A		\$0.00	\$0.00		1	lemo 11 - Geopolymer 87in Joi
A1260	Finish epoxy painting couplings, install #3 rebar and 104 couplings	1d	Sep-16-20 A	Sep-16-20 A		\$0.00	\$12,587.80		I Finish epoxy paint	ing couplings, install #3 rebar a
A1270	Remove shorings, forms, and platforms. Removed & returned shields	1d	Sep-17-20 A	Sep-17-20 A		\$0.00	\$14,140.92			, forms, and platforms. Remove
A1300	Geopolymer Crew Mobilization	1d	Sep-21-20 A	Sep-21-20 A		\$0.00	\$13,000.00		l Geopolymer Cre	<u> </u>
A1310	Clean and Spray Crown	3d	Sep-21-20 A	Sep-23-20 A		\$0.00	\$280,264.00		Clean and Spray	
SU1.1.3.22	PSR 96IN 006 - Shutdown to Remove Stop Logs & Plugs	22d	Sep-22-20 A	Oct-06-20 A		\$1,188.00	\$1,188.00			- Shutdown to Remove Stop L
SU1.1.3.15	PSR 96IN 007 - Remove Reroute Pipes & Disconnect Power	40d	Sep-22-20 A	Oct-22-20 A		\$2,376.00	\$2,376.00		PSR 96IN (	007 - Remove Reroute Pipes &
C1.2.6.2	Install new reinforcing bars (CCR for Access Shaft)	1d	Sep-23-20 A	Sep-24-20 A		\$12,000.00	\$12,000.00		I Install new reinfo	rcing bars (CCR for Access Sh
A1280	Return rental equipment	1d	Sep-23-20 A	Sep-23-20 A		\$0.00	\$2,876.60			
A1320	Spray 60 joints	4d	Sep-23-20 A	Sep-28-20 A		\$0.00	\$59,940.00		Spray 60 joints	<u></u>
C1.2.4.5.1	Geopolymer Cure Time	6d	Sep-24-20 A	Sep-30-20 A		\$0.00	\$0.00		■ Geopolymer C	ure Time
A1290	Backfill to Grade STA 0+70 to STA 1+76	2d	Sep-24-20 A	Sep-25-20 A		\$30,641.21	\$30,641.21			STA 0+70 to STA 1+76
A1330	Site Restoration	7d	Sep-25-20 A	Oct-05-20 A		\$0.00	\$0.00		Site Restoration	in :
C1.2.7.1	Michels Services Crew Mobilize	1d	Sep-28-20 A	Sep-28-20 A		\$23,822.00	\$23,822.00		Michels Service	s Crew Mobilize
C1.2.7.11	Prep 1/4" Groove at Springlines	3d	Sep-28-20 A	Sep-30-20 A		\$0.00	\$64,000.00		Prep 1/4" Groo	ve at Springlines
Actual '	Work	Date		Revision		Checked	Approved	Date: May-04-21	·	
	ning Work							DD: Feb-08-21		
	Remaining Work							Project Start: Feb-14-20		
♦ Milesto								Project Finish: Feb-08-21		
Summa	ary							Page: 4 of 5		





Activity ID	Activity Name	Original	Start	Finish	Total Float	Budgeted Total Cost	Actual Total Cost	2020				2021		
		Duration						ın Feb Mar	Apr May .	Jun Jul Aug	-   .			Feb Mar Apr May
C1.2.7.21	Clean & Prep Crown	2d	Oct-01-20 A	Oct-02-20 A		\$0.00	\$65,042.00		1			n & Prep (	Crown	
C1.2.6.3	Backfill Access Shaft	0d	Oct-02-20 A	Oct-02-20 A		\$8,000.00	\$8,000.00			!	l Back	fill Access	Shaft	
C1.2.7.2	Epoxy Application from 9 to 3 O'Clock	5d	Oct-05-20 A	Oct-13-20 A		\$0.00	\$169,575.00				■ Ep	oxy Applic	ation fro	om 9 to 3 O'Clock
C1.2.7.31	Set Blowers to Dry Pipe	3d	Oct-05-20 A	Oct-07-20 A		\$0.00	\$13,000.00			!	I Set	Blowers to	Dry Pi	pe
C1.2.7.12	Third Party Testing - Epoxy Adhesion & Holiday Testing	2d	Oct-13-20 A	Oct-15-20 A		\$0.00	\$0.00					ird Party T	esting -	Epoxy Adhesion & Hol
C1.2.7.3	Post Rehabilitation Inspection	1d	Oct-15-20 A	Oct-15-20 A		\$0.00	\$6,500.00		1		l Po			nspection
CO1.4.1	Substantial Completion	0d	Oct-15-20 A	Oct-15-20 A		\$0.00	\$0.00		1	   		bstantial (		tion
CX.1000	Pre Operational	2d	Oct-15-20 A	Oct-17-20 A		\$0.00	\$0.00				<b>I</b> Pr	e Operatio	onal	
C1.2.6.24	Repair Test Locations & Invert at Isolation Gate	3d	Oct-15-20 A	Oct-19-20 A		\$20,000.00	\$20,000.00				■ R	epair Test	Locatio	ns & Invert at Isolation (
C1.2.6.5	Final Post Rehabilitation Inspection	0d	Oct-19-20 A	Oct-19-20 A		\$6,500.00	\$6,500.00				l Fi	nal Post R	Rehabilit	ation Inspection
CX.2000	Functional	1d	Oct-19-20 A	Oct-19-20 A		\$0.00	\$0.00		i			unctional	. j	
CX.3000	Operational	7d	Oct-20-20 A	Oct-27-20 A		\$0.00	\$0.00		1			•		
C1.2.8.08	Michels to Remove Stop Logs & 78in Plugs	0d	Oct-20-20 A	Oct-20-20 A		\$0.00	\$13,946.96				I M	lichels to F	Remove	Stop Logs & 78in Plug
C1.2.8.07	City to Shutdown B & D Side Tanks	0d	Oct-20-20 A	Oct-20-20 A		\$0.00	\$0.00				I C	ity to Shut	down E	& D Side Tanks
C1.2.8.02	Disconnect Power / LOTO	1d	Oct-28-20 A	Oct-28-20 A		\$1,065.00	\$1,065.00					Disconne	ct Powe	er/LOTO
C1.2.8.04	Breakdown and Flush Discharge Pipes	7d	Oct-28-20 A	Nov-05-20 A		\$9,585.00	\$14,513.89		i			Breakdo	wn and	l Flush Discharge Pipes
C1.2.8.01	Rain for Rent Mobilize	1d	Oct-28-20 A	Oct-28-20 A		\$7,146.60	\$7,146.60				I	Rain for R	Rent Mo	bilize
C1.2.8.03	Remove trench plates & buried pipe on C St	1d	Oct-30-20 A	Oct-30-20 A		\$5,390.00	\$7,962.50				T	Remove	trench	plates & buried pipe on
CO1.4.4	Contract Completion Date	0d		Oct-30-20 A		\$0.00	\$0.00		]		•	Contract	Comple	tion Date
CO1.4.7	Operation and Maintenance Training	4d	Nov-02-20 A	Nov-06-20 A		\$0.00	\$0.00		J					Maintenance Training
C1.2.8.05	Remove Pumps	1d	Nov-03-20 A	Nov-03-20 A		\$3,760.00	\$3,760.00							3
C1.2.8.06	Site Restoration	0d	Nov-06-20 A	Nov-06-20 A		\$1,500.00	\$1,500.00					Site Res	storation	
CO1.4.2	Project Punchlist & Demob	9d	Nov-09-20 A	Nov-23-20 A		\$4,764.40	\$4,764.40							chlist & Demob
CO1.4.3	Weather Days Allowance	6d	Nov-24-20 A	Nov-30-20 A		\$0.00	\$0.00		Ì	į.		We	ather D	ays Allowance
CO1.4.5	As Builts	9d	Dec-30-20 A	Feb-08-21 A		\$0.00	\$0.00		d					As Builts
CO1.4.6	Record Documents	9d	Dec-30-20 A	Feb-08-21 A		\$0.00	\$0.00		i				-	Record Documents

	Actual Work
	Remaining Work
	Critical Remaining Work
<b>*</b> *	Milestone
	Summary

Date	Revision	Checked	Approved

Date: May-04-21 DD: Feb-08-21 Project Start: Feb-14-20 Project Finish: Feb-08-21

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