



ctivity ID	Activity Name	Original Duration	Start	Finish	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Expense Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Actual Total Cost
96-INCH AN	D 87-INCH SES PIPE REHABILITATION - Final As-Built Schedule	247d	Feb-14-20 A	Feb-08-21 A	\$1,369,704.40	\$1,851,726.36	\$0.00	\$1,575,140.24	\$4,796,571.00	\$4,405,987.16
Milestones		151d	Feb-14-20 A	Sep-16-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1.1.1	Notice To Proceed	0d	Feb-14-20 A		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1.1.2	Design Change Memo 04	8d	May-08-20 A	May-15-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1.1.3	Design Change Memo 07 - PDCCR	14d	Jul-01-20 A	Jul-14-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1.1.4	Design Change Memo 09 - PDCCR Revised	15d	Jul-06-20 A	Jul-20-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1.1.5	Design Change Memo 10 - Epoxy	1d	Sep-09-20 A	Sep-09-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
1.1.6	Design Change Memo 11 - Geopolymer 87in Joints	1d	Sep-16-20 A	Sep-16-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Job Site Set	tup	111d	Mar-03-20 A	Nov-13-20 A	\$23,760.00	\$28,670.00	\$0.00	\$3,010.00	\$55,440.00	\$64,557.78
JS1.1.2.1	Job Trailer Setup	21d	Mar-03-20 A	Mar-30-20 A	\$11,880.00	\$26,170.00	\$0.00	\$1,550.00	\$39,600.00	\$39,600.00
JS1.1.2.2	Staging Yard Fence	1d	Mar-16-20 A	Mar-16-20 A	\$11,880.00	\$2,500.00	\$0.00	\$1,460.00	\$15,840.00	\$15,840.00
JS1.1.2.12	Covid-19 Guidelines Response	5d	May-13-20 A	Nov-13-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,117.78
Submittals 8	& Procurements	178d	Mar-04-20 A	Oct-22-20 A	\$118,800.00	\$0.00	\$0.00	\$0.00	\$118,800.00	\$118,800.00
SU1.1.3.01	Health & Safety Plan	32d	Mar-04-20 A	Apr-17-20 A	\$11,880.00	\$0.00	\$0.00	\$0.00	\$11,880.00	\$11,880.00
SU1.1.3.02	Baseline Schedule	25d	Apr-03-20 A	May-27-20 A	\$11,880.00	\$0.00	\$0.00	\$0.00	\$11,880.00	\$11,880.00
SU1.1.3.03	Water Pollution Control Plan	15d	Apr-07-20 A	Jun-06-20 A	\$5,940.00	\$0.00	\$0.00	\$0.00	\$5,940.00	\$5,940.00
SU1.1.3.04	PSR 96IN 001 - C Street Closure	12d	Apr-08-20 A	Apr-23-20 A	\$11,880.00	\$0.00	\$0.00	\$0.00	\$11,880.00	\$11,880.00
SU1.1.3.05	PS 96IN 002 - Electrical Tie In	22d	Apr-08-20 A	May-07-20 A	\$5,940.00	\$0.00	\$0.00	\$0.00	\$5,940.00	\$5,940.00
SU1.1.3.06	Soil & Groundwater Management Plan	20d	Apr-13-20 A	May-07-20 A	\$5,940.00	\$0.00	\$0.00	\$0.00	\$5,940.00	\$5,940.00
SU1.1.3.07	Electrical Raceway Data	16d	Apr-16-20 A	May-11-20 A	\$2,376.00	\$0.00	\$0.00	\$0.00	\$2,376.00	\$2,376.00
SU1.1.3.09	HDPE DR 17 Data	7d	Apr-17-20 A	Apr-21-20 A	\$2,376.00	\$0.00	\$0.00	\$0.00	\$2,376.00	\$2,376.00
SU1.1.3.16	Electrical Cable Data	5d	Apr-20-20 A	Apr-29-20 A	\$2,376.00	\$0.00	\$0.00	\$0.00	\$2,376.00	\$2,376.00
SU1.1.3.10	Initial Preconstruction Video/Photos Surveys	13d	Apr-21-20 A	Jun-26-20 A	\$5,940.00	\$0.00	\$0.00	\$0.00	\$5,940.00	\$5,940.00
SU1.1.3.12	Dust Control Plan	18d	Apr-29-20 A	May-07-20 A	\$5,940.00	\$0.00	\$0.00	\$0.00	\$5,940.00	\$5,940.00
SU1.1.3.11	DLE Reroute System Startup & Testing Plan	8d	Apr-29-20 A	May-12-20 A	\$5,940.00	\$0.00	\$0.00	\$0.00	\$5,940.00	\$5,940.00
SU1.1.3.08	PSR 96IN 003 - Traffic Control CCR	3d	Apr-30-20 A	Jun-11-20 A	\$2,376.00	\$0.00	\$0.00	\$0.00	\$2,376.00	\$2,376.00
SU1.1.3.13	CCTV Submittals	9d	May-05-20 A	May-11-20 A	\$5,940.00	\$0.00	\$0.00	\$0.00	\$5,940.00	\$5,940.00
SU1.1.3.14	Cleaning Plan	12d	May-06-20 A	May-21-20 A	\$5,940.00	\$0.00	\$0.00	\$0.00	\$5,940.00	\$5,940.00
SU1.1.3.17	Concrete Submittals	9d	Jun-03-20 A	Aug-04-20 A	\$2,376.00	\$0.00	\$0.00	\$0.00	\$2,376.00	\$2,376.00
SU1.1.3.18	Sheeting & Shoring Designs	9d	Jun-04-20 A	Jun-15-20 A	\$5,940.00	\$0.00	\$0.00	\$0.00	\$5,940.00	\$5,940.00
SU1.1.3.19	CIPP Submittals	12d	Jun-24-20 A	Aug-21-20 A	\$5,940.00	\$0.00	\$0.00	\$0.00	\$5,940.00	\$5,940.00
SU1.1.3.20	Traffic Control Plan - CIPP	30d	Jun-24-20 A	Aug-10-20 A	\$5,940.00	\$0.00	\$0.00	\$0.00	\$5,940.00	\$5,940.00
SU1.1.3.21	PSR 96IN 005 - 24 hr CIPP Install	46d	Jul-10-20 A	Aug-10-20 A	\$2,376.00	\$0.00	\$0.00	\$0.00	\$2,376.00	\$2,376.00
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	\$0.00	\$0.00	\$0.00	\$1,188.00	\$1,188.00
SU1.1.3.15	PSR 96IN 007 - Remove Reroute Pipes & Disconnect Power	40d	Sep-22-20 A	Oct-22-20 A	\$2,376.00	\$0.00	\$0.00	\$0.00	\$2,376.00	\$2,376.00
Constructio	n en	171d	Apr-22-20 A	Nov-06-20 A	\$848,160.00	\$1,823,056.36	\$0.00	\$1,097,390.24	\$3,768,606.60	\$3,718,904.98
	Date		Revision		Checked App	proved Date: I	May-04-21			

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tivity ID	Activity Name	Original Duration	Start	Finish	Budgeted Labor Cost	Budgeted Material Cost	Budgeted Expense Cost	Budgeted Nonlabor Cost	Budgeted Total Cost	Actual Total Cos
Reinstall DLE Re	route System (Rain for Rent)	46d	Apr-22-20 A	Jun-29-20 A	\$29,204.00	\$0.00	\$0.00	\$294,806.00	\$324,010.00	\$450,091.67
C1.2.1.02	Material Acquisition	3d	Apr-22-20 A	Apr-27-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,347.48
C1.2.1.03	Rain for Rent & Fermin Sierra Mobilize	1d	Apr-27-20 A	Apr-27-20 A	\$0.00	\$0.00	\$0.00	\$83,377.00	\$83,377.00	\$83,377.00
C1.2.1.01	Utility Locating	1d	Apr-27-20 A	Apr-27-20 A	\$0.00	\$0.00	\$0.00	\$13,200.00	\$13,200.00	\$13,200.00
C1.2.1.04	Excavation Across C St.	1d	Apr-28-20 A	Apr-28-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$24,129.00
C1.2.1.08	Install Electrical Conduit & Backfill	1d	Apr-28-20 A	Apr-28-20 A	\$0.00	\$0.00	\$0.00	\$9,585.00	\$9,585.00	\$9,585.00
C1.2.1.09	Install Trench Plates Over Conduit	1d	Apr-28-20 A	Apr-28-20 A	\$0.00	\$0.00	\$0.00	\$9,585.00	\$9,585.00	\$9,585.00
C1.2.1.05	Install 12" HDPE Pipes Across C St. & Backfill	1d	Apr-28-20 A	Apr-28-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$73.50
C1.2.1.06	Install Trench Plates Across C Street	1d	Apr-28-20 A	Apr-28-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,575.00
C1.2.1.07	Excavation for Electrical Conduit	1d	Apr-28-20 A	Apr-28-20 A	\$0.00	\$0.00	\$0.00	\$9,585.00	\$9,585.00	\$9,585.00
C1.2.1.10	Install 12" HDP Reroute Pipes	7d	Apr-29-20 A	May-07-20 A	\$0.00	\$0.00	\$0.00	\$47,925.00	\$47,925.00	\$47,925.00
C1.2.1.11	Move/ Reinstall Pumps in PE Box #2	1d	May-05-20 A	May-05-20 A	\$0.00	\$0.00	\$0.00	\$9,585.00	\$9,585.00	\$9,585.0
C1.2.1.12	Install discharge pipes, flow meters, valves, & sensor	2d	May-06-20 A	May-07-20 A	\$0.00	\$0.00	\$0.00	\$28,755.00	\$28,755.00	\$28,755.0
C1.2.1.12A	Move/Reinstall flowmeters in 8" discharge pipes	1d	May-08-20 A	May-08-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
C1.2.1.14	Pressure Test Reroute System	1d	May-12-20 A	May-12-20 A	\$0.00	\$0.00	\$0.00	\$28,755.00	\$28,755.00	\$28,755.0
C1.2.1.16	Tie In Electrical to Junction Box	2d	May-14-20 A	May-15-20 A	\$0.00	\$0.00	\$0.00	\$9,585.00	\$9,585.00	\$9,585.0
C1.2.1.13	Install VFD's & Control System Components	1d	May-15-20 A	May-15-20 A	\$0.00	\$0.00	\$0.00	\$9,585.00	\$9,585.00	\$19,262.7
C1.2.1.17	Install saddle and air vents	1d	May-19-20 A	May-19-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,453.4
C1.2.1.18	LOTO - Power up VFDs & Install System Components	1d	May-20-20 A	May-20-20 A	\$0.00	\$0.00	\$0.00	\$9,585.00	\$9,585.00	\$9,585.0
C1.2.1.19	Install serial cable from DCS	1d	May-20-20 A	May-20-20 A	\$0.00	\$0.00	\$0.00	\$1,917.00	\$1,917.00	\$1,917.0
C1.2.1.20	Cover Electrical Conduit with plywood	1d	May-20-20 A	May-20-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
C1.2.1.21	Connect PLC to VFDs Troubleshoot & Test	1d	May-21-20 A	May-21-20 A	\$0.00	\$0.00	\$0.00	\$9,585.00	\$9,585.00	\$9,585.0
C1.2.1.22	Pre-Functional Test of DLE Reroute System (w/o DLE flow)	2d	May-22-20 A	May-22-20 A	\$0.00	\$0.00	\$0.00	\$7,668.00	\$7,668.00	\$7,668.0
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	\$0.00	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.00	\$0.00	\$0.0
CHANGE ORDER		38d	May-13-20 A	Jun-18-20 A	\$29,204.00	\$0.00	\$0.00	\$6,529.00	\$35,733.00	\$103,558.5
CO1.2.1.01	PSR 96IN 004 - 78in Diversion	21d	May-13-20 A	Jun-02-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
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	\$0.00	\$0.00	\$0.00	\$0.00	\$21,592.4
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	\$0.00	\$0.00	\$0.00	\$0.00	\$21,592.4
C.1.2.2.01	Michels CCTV Crew Mobilize	15d	May-27-20 A	Jun-16-20 A	\$29,204.00	\$0.00	\$0.00	\$6,529.00	\$35,733.00	\$35,733.0
CO1.2.1.04	Michels Order Flowmeter Replacement Heads	2d	Jun-03-20 A	Jun-05-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$9,758.7
CO1.2.1.05	Install Strap-On Flowmeters	1d	Jun-04-20 A	Jun-04-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
CO1.2.1.06	Install Replacement Flowmeters	1d	Jun-09-20 A	Jun-09-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
CO1.2.1.07	Train O&M on DLE Reroute System	1d	Jun-09-20 A	Jun-09-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
CO1.2.1.08	City to Shutdown B & D Side Tanks	1d	Jun-16-20 A	Jun-17-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.0
CO1.2.1.09	Michels Install Stop Log & 78in Plugs	1d	Jun-16-20 A	Jun-17-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,881.9

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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	\$0.00	\$0.00	\$0.00	\$0.00
Clean/Inspect 96-I	Inch and 87-Inch SES Pipes (Michels)	37d	May-28-20 A	Jul-09-20 A	\$88,840.00	\$0.00	\$0.00	\$60,178.00	\$149,018.00	\$164,408.29
C.1.2.2.1A	Utility Locating for Access Shaft	1d	May-28-20 A	May-28-20 A	\$0.00	\$0.00	\$0.00	\$6,600.00	\$6,600.00	\$6,600.00
C1.2.3.2	Install Access Shaft	2d	Jun-17-20 A	Jul-02-20 A	\$0.00	\$0.00	\$0.00	\$41,700.00	\$41,700.00	\$41,700.00
C1.2.2.2	Clean & Inspect 87-Inch SES Pipe	2d	Jun-18-20 A	Jun-19-20 A	\$30,000.00	\$0.00	\$0.00	\$9,585.00	\$39,585.00	\$39,585.00
C1.2.2.3	Clean & Inspect 96-Inch SES Pipe	2d	Jun-19-20 A	Jun-19-20 A	\$58,840.00	\$0.00	\$0.00	\$2,293.00	\$61,133.00	\$61,133.00
C1.2.2.4	Review & Approve Inspection Videos	4d	Jun-19-20 A	Jul-02-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CHANGE ORDER		2d	Jul-08-20 A	Jul-09-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,390.29
C1.2.2.5	87in x 136in Additional Crown Cleaning	2d	Jul-08-20 A	Jul-09-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,390.29
96-Inch Pipe Crov	vn Restoration (Michels)	4d	Aug-06-20 A	Aug-14-20 A	\$85,518.00	\$69,737.00	\$0.00	\$25,656.00	\$180,911.00	\$180,911.00
C1.2.3.3	Michels Geopolymer Crew Mobilize	1d	Aug-06-20 A	Aug-06-20 A	\$4,455.00	\$0.00	\$0.00	\$7,456.00	\$11,911.00	\$11,911.00
C1.2.3.4	Restore Pipe Crown	4d	Aug-07-20 A	Aug-14-20 A	\$81,063.00	\$69,737.00	\$0.00	\$18,200.00	\$169,000.00	\$169,000.00
87-Inch x 136-Inch	CCR Rehabilitation (Fermin Sierra)	135d	Jun-01-20 A	Oct-05-20 A	\$104,735.00	\$1,424,150.00	\$0.00	\$305,715.00	\$1,834,600.00	\$1,303,861.07
A1340	Sheeting & Shoring for CCR on 87 in * 136 in	0d	Jun-01-20 A	Aug-17-20 A	\$0.00	\$47,250.00	\$0.00	\$0.00	\$47,250.00	\$0.00
C1.2.4.1	Utility Potholing	1d	Jun-10-20 A	Jun-22-20 A	\$0.00	\$0.00	\$0.00	\$19,800.00	\$19,800.00	\$19,800.00
A1350	Excavation & Restoration to perform CCR on 87in x 136in	0d	Jun-22-20 A	Jul-08-20 A	\$0.00	\$263,150.00	\$0.00	\$0.00	\$263,150.00	\$0.00
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	\$0.00	\$0.00	\$0.00	\$8,429.40	\$8,429.40	\$8,429.40
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	\$0.00	\$0.00	\$0.00	\$8,429.39	\$8,429.39	\$8,429.39
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	\$0.00	\$0.00	\$0.00	\$0.00
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	\$0.00	\$0.00	\$0.00	\$8,429.40	\$8,429.40	\$8,429.40
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	\$0.00	\$0.00	\$0.00	\$8,429.39	\$8,429.39	\$8,429.39
A1360	Complete CCR of 87in x 136in (STA 0+16 to STA 3+77)	0d	Jul-09-20 A	Aug-10-20 A	\$0.00	\$1,113,750.00	\$0.00	\$0.00	\$1,113,750.00	\$0.00
C1.2.4.2C	Set Internal Bracing (STA 1+00 to STA 1+39)	1d	Jul-14-20 A	Jul-17-20 A	\$0.00	\$0.00	\$0.00	\$20,000.00	\$20,000.00	\$20,000.00
C1.2.4.4C	Remove Existing Crown (STA 1+00 to STA 1+39)	1d	Jul-17-20 A	Jul-20-20 A	\$0.00	\$0.00	\$0.00	\$26,183.00	\$26,183.00	\$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	\$0.00	\$0.00	\$0.00	\$26,183.00	\$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	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$20,000.00	\$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	\$0.00	\$0.00	\$0.00	\$26,183.00	\$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	\$0.00	\$0.00	\$0.00	\$26,183.00	\$26,183.00	\$26,183.00
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	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$26,183.75	\$26,183.75
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	\$0.00	\$0.00	\$0.00	\$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	\$0.00	\$0.00	\$0.00	\$20,000.00	\$20,000.00	\$20,000.00
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	\$0.00	\$0.00	\$0.00	\$26,183.00	\$26,183.00	\$26,183.00
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	\$0.00	\$0.00	\$0.00	\$26,183.75	\$26,183.75
C1.2.4.7-A	Backfill 3ft lift STA 0+70 to STA 1+76	5d	Aug-13-20 A	Aug-14-20 A	\$0.00	\$0.00	\$0.00	\$30,641.21	\$30,641.21	\$30,641.21

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Change Order - I	DCM 09 - T&M for PDCCR		39d	Aug-13-20 A	Sep-25-20 A	\$0.00	\$0.00	\$0.00	\$30,641.21	\$30,641.21	\$570,848.28
A1000	Excavate Access Shaft for PDCCR STA 1+45 to STA 1+60		1d	Aug-13-20 A	Aug-13-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,549.10
A1010	Clean crown, prep to remove crown after sawcut		1d	Aug-14-20 A	Aug-14-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,401.98
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	\$0.00	\$0.00	\$0.00	\$0.00	\$17,089.75
A1030	Chip crown STA 1+42 to 1+50, 0+64 to 0+70, Clean crown STA 1+42	2 to 1+70	1d	Aug-18-20 A	Aug-18-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22,084.07
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	\$0.00	\$0.00	\$0.00	\$0.00	\$22,095.06
A1050	Chip crown STA 0+23 to 0+74, 1+42 to 1+55, 1+77 to 2+01, Clean or	rown STA 1+42 to 2+	1d	Aug-20-20 A	Aug-20-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,225.16
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	\$0.00	\$0.00	\$0.00	\$0.00	\$15,865.74
A1070	Chip crown STA 3+07 to 3+13, 3+58 to 3+68, Clean crown STA 2+55	5 to 2+73	1d	Aug-22-20 A	Aug-22-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,762.13
A1080	Chip crown STA 3+54 to 3+61, 2+58 to 2+62, Clean crown STA 2+62	2 to 2+80	1d	Aug-24-20 A	Aug-24-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$19,105.96
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	\$0.00	\$0.00	\$0.00	\$0.00	\$44,581.20
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	\$0.00	\$0.00	\$0.00	\$0.00	\$15,082.52
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	\$0.00	\$0.00	\$0.00	\$0.00	\$14,565.25
A1120	Chip crown STA 2+14 to 2+25, Install 154 couplings STA 1+92 to 2+0	5	1d	Aug-28-20 A	Aug-28-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,315.00
A1130	Chip crown STA 2+14 to 2+24, Install 82 couplings STA 2+05 to 1+98	, 36 couplings STA2	1d	Aug-29-20 A	Aug-29-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,633.73
A1140	Chip & cut rebar STA 2+24 to 2+39, Installed 216 couplings, Rebar to	p and bottom layer ε	1d	Aug-31-20 A	Aug-31-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$74,216.51
A1150	Install TL rebar STA 2+33 to 2+43, BL rebar STA 2+26 to 2+43. Install	ed 250 couplings. Cł	1d	Sep-01-20 A	Sep-01-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,361.24
A1160	Install rebar STA 2+43 to 2+51, 2+53 to 2+57. Chip crown 3+56 to 3+	68, 1+80 to 1+75	1d	Sep-02-20 A	Sep-02-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,976.30
A1170	Install rebar STA 2+69, 3+00 to 3+02, 2+39to 3+64 (170 couplings).	Chip crown STA 1+5(1d	Sep-03-20 A	Sep-03-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$15,083.36
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	\$0.00	\$0.00	\$0.00	\$0.00	\$29,620.31
A1190	Clean concrete debris STA 1+50 to 3+68, Chip TL rebar at access sl	naft, Inst. 104 couplin	1d	Sep-05-20 A	Sep-05-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,594.53
A1200	Chip TL at access shaft from STA 1+55 to 1+50, Inst. 205 couplings S	STA 2+00 to 1+85.	1d	Sep-08-20 A	Sep-08-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,564.22
A1210	Install rebar STA 1+52 to 1+65, 205 couplings, 2 layers #4 rebar & 1 l	ayer #3 rebar at aco	1d	Sep-09-20 A	Sep-09-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,787.19
A1220	Install concrete forms for access shaft, poured concrete, installed cou	plings & rebar down	1d	Sep-10-20 A	Sep-10-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$18,867.63
A1230	Installed 83 couplings downstream of access point. Poured slurry at a	access point	1d	Sep-11-20 A	Sep-11-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,553.72
A1240	Finish minor chipping, install #3 rebar, installed 198 couplings upstrea	m of access point	1d	Sep-14-20 A	Sep-14-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$22,511.67
A1250	Install rebar & 196 couplings upstream from access point		1d	Sep-15-20 A	Sep-15-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$16,108.42
A1260	Finish epoxy painting couplings, install #3 rebar and 104 couplings		1d	Sep-16-20 A	Sep-16-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$12,587.80
A1270	Remove shorings, forms, and platforms. Removed & returned shields	3	1d	Sep-17-20 A	Sep-17-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$14,140.92
A1280	Return rental equipment		1d	Sep-23-20 A	Sep-23-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,876.60
A1290	Backfill to Grade STA 0+70 to STA 1+76		2d	Sep-24-20 A	Sep-25-20 A	\$0.00	\$0.00	\$0.00	\$30,641.21	\$30,641.21	\$30,641.21
CHANGE ORDER	R - DCM 11 - GEOPOLYMER 87in Crown Restoration and Joint Sealing		8d	Sep-21-20 A	Oct-05-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$353,204.00
A1300	Geopolymer Crew Mobilization		1d	Sep-21-20 A	Sep-21-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,000.00
A1310	Clean and Spray Crown		3d	Sep-21-20 A	Sep-23-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$280,264.00
A1320	Spray 60 joints		4d	Sep-23-20 A	Sep-28-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$59,940.00
A1330	Site Restoration		7d	Sep-25-20 A	Oct-05-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
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96-Inch CIPP Re	ehabilitation (Michels)	55d	Jul-01-20 A	Aug-28-20 A	\$461,863.00	\$327,169.36	\$0.00	\$329,944.64	\$1,118,977.00	\$1,118,977.00
C1.2.5.1	Liner Order & Delivery	34d	Jul-01-20 A	Aug-19-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
C1.2.5.2	Michels CIPP Crew Mobilize	1d	Aug-10-20 A	Aug-10-20 A	\$27,644.00	\$0.00	\$0.00	\$20,000.00	\$47,644.00	\$47,644.00
C1.2.5.3	Wetout Setup	6d	Aug-10-20 A	Aug-18-20 A	\$26,730.00	\$0.00	\$0.00	\$12,870.00	\$39,600.00	\$39,600.00
C1.2.5.5	CIPP Installation	2d	Aug-19-20 A	Aug-21-20 A	\$155,998.03	\$311,996.06	\$0.00	\$181,997.70	\$649,991.79	\$649,991.79
C1.2.5.4	Install Bulkhead	1d	Aug-20-20 A	Aug-20-20 A	\$78,000.00	\$15,173.30	\$0.00	\$10,000.00	\$103,173.30	\$103,173.30
C1.2.5.6	CIPP Curing	1d	Aug-21-20 A	Aug-24-20 A	\$54,681.84	\$0.00	\$0.00	\$48,491.46	\$103,173.30	\$103,173.30
C1.2.5.8	Remove Bulkhead	2d	Aug-25-20 A	Aug-26-20 A	\$26,586.65	\$0.00	\$0.00	\$25,000.00	\$51,586.65	\$51,586.65
C1.2.5.17	Breakdown and Remove Equipment	4d	Aug-25-20 A	Aug-28-20 A	\$9,170.96	\$0.00	\$0.00	\$4,585.48	\$13,756.44	\$13,756.44
C1.2.5.7	Cut Tail End Off Liner	2d	Aug-26-20 A	Aug-27-20 A	\$78,173.30	\$0.00	\$0.00	\$25,000.00	\$103,173.30	\$103,173.30
C1.2.5.9	Post CIPP Inspection	0d	Aug-28-20 A	Aug-28-20 A	\$4,878.22	\$0.00	\$0.00	\$2,000.00	\$6,878.22	\$6,878.22
10' of 96-Inch St	tructural Crown Repair (Michels)	18d	Sep-09-20 A	Oct-19-20 A	\$58,000.00	\$2,000.00	\$0.00	\$48,822.00	\$108,822.00	\$108,822.00
C1.2.6.1	Michels Services Crew Mobilize	1d	Sep-09-20 A	Sep-09-20 A	\$20,000.00	\$0.00	\$0.00	\$3,822.00	\$23,822.00	\$23,822.00
C1.2.6.4	Apply Epoxy Coating	3d	Sep-10-20 A	Sep-15-20 A	\$28,000.00	\$2,000.00	\$0.00	\$8,500.00	\$38,500.00	\$38,500.00
C1.2.6.14	Third Party Testing - Epoxy	1d	Sep-15-20 A	Sep-16-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
C1.2.6.2	Install new reinforcing bars (CCR for Access Shaft)	1d	Sep-23-20 A	Sep-24-20 A	\$0.00	\$0.00	\$0.00	\$12,000.00	\$12,000.00	\$12,000.00
C1.2.6.3	Backfill Access Shaft	0d	Oct-02-20 A	Oct-02-20 A	\$0.00	\$0.00	\$0.00	\$8,000.00	\$8,000.00	\$8,000.00
C1.2.6.24	Repair Test Locations & Invert at Isolation Gate	3d	Oct-15-20 A	Oct-19-20 A	\$5,000.00	\$0.00	\$0.00	\$15,000.00	\$20,000.00	\$20,000.00
C1.2.6.5	Final Post Rehabilitation Inspection	0d	Oct-19-20 A	Oct-19-20 A	\$5,000.00	\$0.00	\$0.00	\$1,500.00	\$6,500.00	\$6,500.00
CHANGE ORDE	ER - DCM 10 - 87-Inch x 136-Inch Epoxy Rehabilitation 9 to 3 O'Clock(Michels)	6d	Sep-24-20 A	Oct-15-20 A	\$20,000.00	\$0.00	\$0.00	\$3,822.00	\$23,822.00	\$341,939.00
C1.2.4.5.1	Geopolymer Cure Time	6d	Sep-24-20 A	Sep-30-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
C1.2.7.1	Michels Services Crew Mobilize	1d	Sep-28-20 A	Sep-28-20 A	\$20,000.00	\$0.00	\$0.00	\$3,822.00	\$23,822.00	\$23,822.00
C1.2.7.11	Prep 1/4" Groove at Springlines	3d	Sep-28-20 A	Sep-30-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$64,000.00
C1.2.7.21	Clean & Prep Crown	2d	Oct-01-20 A	Oct-02-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$65,042.00
C1.2.7.2	Epoxy Application from 9 to 3 O'Clock	5d	Oct-05-20 A	Oct-13-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$169,575.00
C1.2.7.31	Set Blowers to Dry Pipe	3d	Oct-05-20 A	Oct-07-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,000.00
C1.2.7.12	Third Party Testing - Epoxy Adhesion & Holiday Testing	2d	Oct-13-20 A	Oct-15-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
C1.2.7.3	Post Rehabilitation Inspection	1d	Oct-15-20 A	Oct-15-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$6,500.00
Terminate DLE	Reroute System (Rain for Rent)	13d	Oct-20-20 A	Nov-06-20 A	\$0.00	\$0.00	\$0.00	\$28,446.60	\$28,446.60	\$49,894.95
C1.2.8.08	Michels to Remove Stop Logs & 78in Plugs	0d	Oct-20-20 A	Oct-20-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,946.96
C1.2.8.07	City to Shutdown B & D Side Tanks	0d	Oct-20-20 A	Oct-20-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
C1.2.8.02	Disconnect Power / LOTO	1d	Oct-28-20 A	Oct-28-20 A	\$0.00	\$0.00	\$0.00	\$1,065.00	\$1,065.00	\$1,065.00
C1.2.8.04	Breakdown and Flush Discharge Pipes	7d	Oct-28-20 A	Nov-05-20 A	\$0.00	\$0.00	\$0.00	\$9,585.00	\$9,585.00	\$14,513.89
C1.2.8.01	Rain for Rent Mobilize	1d	Oct-28-20 A	Oct-28-20 A	\$0.00	\$0.00	\$0.00	\$7,146.60	\$7,146.60	\$7,146.60
C1.2.8.03	Remove trench plates & buried pipe on C St	1d	Oct-30-20 A	Oct-30-20 A	\$0.00	\$0.00	\$0.00	\$5,390.00	\$5,390.00	\$7,962.50
C1.2.8.05	Remove Pumps	1d	Nov-03-20 A	Nov-03-20 A	\$0.00	\$0.00	\$0.00	\$3,760.00	\$3,760.00	\$3,760.00

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C1.2.8.06	Site Restoration	0d	Nov-06-20 A	Nov-06-20 A	\$0.00	\$0.00	\$0.00	\$1,500.00	\$1,500.00	\$1,500.00
General		133d	Feb-14-20 A	Oct-31-20 A	\$374,220.00	\$0.00	\$0.00	\$474,740.00	\$848,960.00	\$498,960.00
G1.3.2	DLE Reroute Allowance	133d	Feb-14-20 A	Jun-29-20 A	\$0.00	\$0.00	\$0.00	\$350,000.00	\$350,000.00	\$0.00
G1.3.3	Michels PM/CM/Safety Rep	30d	Mar-30-20 A	Oct-31-20 A	\$374,220.00	\$0.00	\$0.00	\$124,740.00	\$498,960.00	\$498,960.00
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	\$0.00	\$0.00	\$0.00	\$0.00
Testing Star	tup and Comissioning	6d	Oct-15-20 A	Oct-27-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CX.1000	Pre Operational	2d	Oct-15-20 A	Oct-17-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CX.2000	Functional	1d	Oct-19-20 A	Oct-19-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CX.3000	Operational	7d	Oct-20-20 A	Oct-27-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Closeout		50d	Oct-15-20 A	Feb-08-21 A	\$4,764.40	\$0.00	\$0.00	\$0.00	\$4,764.40	\$4,764.40
CO1.4.1	Substantial Completion	0d	Oct-15-20 A	Oct-15-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CO1.4.4	Contract Completion Date	0d		Oct-30-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CO1.4.7	Operation and Maintenance Training	4d	Nov-02-20 A	Nov-06-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CO1.4.2	Project Punchlist & Demob	9d	Nov-09-20 A	Nov-23-20 A	\$4,764.40	\$0.00	\$0.00	\$0.00	\$4,764.40	\$4,764.40
CO1.4.3	Weather Days Allowance	6d	Nov-24-20 A	Nov-30-20 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CO1.4.5	As Builts	9d	Dec-30-20 A	Feb-08-21 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CO1.4.6	Record Documents	9d	Dec-30-20 A	Feb-08-21 A	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

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