

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT CONTRACT CHANGE ORDER Page 1 of 11		Date: October 1, 2025 Project: Clays Mill Road Improvements, Section 1 Location: CMR - Waco to Harrodsburg Contract No. 17-2020 Original Contract Amt. \$10,683,653.39 Cumulative Amount of Previous Change Orders \$1,373,272.58 Percent Change - Previous Change Orders Total Contract Amount Prior to this Change Order \$12,056,925.97 Change Order No. 5 - Final	12.85%
To (Contractor): L-M Asphalt Partners, Ltd. dba ATS Construction 3009 Atkinson Ave, Suite 400, Lexington, KY 40509			
You are hereby requested to comply with the following changes from the contract plans and specification;			
Current Change Order			
Item No.	Description of changes-quantities, unit prices, change in completion date, etc.	Decrease in contract price	Increase in contract price
	See Attached Sheet		
	Total Decrease	\$686,109.34	
	Total Increase		\$1,771,121.78
	Net Amount of this Change Order	\$1,085,012.44	
	New Contract Amount Including this Change Order	\$13,141,938.41	
	Percent Change - This Change Order		10.16%
	Percent Change - All Change Orders		23.01%
Final Adjusting Change Order - No time extension is required.			
Recommended by	<i>[Signature]</i> (Proj. Engr.)	Date	10/13/25
Accepted by	<i>[Signature]</i> (Contractor)	Date	10/13/25
Approved by	<i>[Signature]</i> (Director - DOE)	Date	10/20/25
Approved by	<i>[Signature]</i> (Commissioner - EOPW)	Date	10/22/25
Approved by	<i>[Signature]</i> (Mayor)	Date	

LEXINGTON-FAYETTE URBAN COUNTY GOVERNMENT CHANGE ORDER					DATE:	October 1, 2025	
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					CONTRACT #:	17-2020	
Project: Clays Mill Road Improvements, Section 1							
You are hereby requested to comply with the following changes from the contract plans and specifications;							
Item No.	ADD / DEL	Description	Units	Quantity	Unit Price	Decrease in contract price	Increase in contract price
175	ADD	Drainage Box Changes Rt Sta 135	LS	1	2,001.00	\$ -	\$ 2,001.00
176	ADD	2049 Sump Pump	LS	1	1,840.00	\$ -	\$ 1,840.00
177	ADD	Remove/Replace Entrance Lt 203+84	SY	13.33	325.00	\$ -	\$ 4,332.25
178	ADD	Remove/Replace Entrance Lt 194+98	SY	15	325.00	\$ -	\$ 4,875.00
179	ADD	Lane Allen/Rosemont Garden Mast Arm Signage	LS	1	690.00	\$ -	\$ 690.00
180	ADD	Redo Driveway Retaining Walls	LF	142	425.00	\$ -	\$ 60,350.00
181	ADD	Small Retaining Wall Lt 187+50	LF	50	250.00	\$ -	\$ 12,500.00
182	ADD	Retaining Wall Lt 210_80-211+12	LF	45	250.00	\$ -	\$ 11,250.00
183	ADD	Retaining Wall Lt 211+84 TO 212+10	LF	25	250.00	\$ -	\$ 6,250.00
184	ADD	Retaining Walls Lt 201+00 TO LT 201+50	LF	120	250.00	\$ -	\$ 30,000.00
185	ADD	Retaining Wall Rt 189+00-196+00	LF	460	250.00	\$ -	\$ 115,000.00
186	ADD	Retaining Wall Rt - Pasadena	LF	108	250.00	\$ -	\$ 27,000.00
187	DEL	Storm Changes Lt Sta136+00	LS	1	25,000.00	\$ 25,000.00	\$ -
188	ADD	MOT-Lane Allen Closure	LS	1	46,450.00	\$ -	\$ 46,450.00
189	ADD	WQU Diversion Structure/Delays/Material Changes	LS	1	45,700.36	\$ -	\$ 45,700.36
190	ADD	EW~1700 CMR Dressing	LS	1	4,125.60	\$ -	\$ 4,125.60
191	ADD	EW~6 in Width Dashed Line-White	LS	1	138.60	\$ -	\$ 138.60

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Item No.	ADD / DEL	Description	Units	Quantity	Unit Price	Decrease in contract price	Increase in contract price	
192	ADD	Pavement Marking Thermo Only	LS	1	945.00	\$ -	\$ 945.00	
193	ADD	MOT-NB Lane Closure Waco-Pasadena	LS	1	19,850.00	\$ -	\$ 19,850.00	
194	ADD	San Lateral/Cleanouts - Lane Allen	EA	10	1,495.00	\$ -	\$ 14,950.00	
195	ADD	Tie to Existing Sanitary Manhole	LS	1	5,175.00	\$ -	\$ 5,175.00	
196	ADD	Rework sanitary MH C1 to Match Existing	EA	1	3,565.00	\$ -	\$ 3,565.00	
197	ADD	Phase two PIP CBI'2 (Premium per box)	EA	17	1,000.00	\$ -	\$ 17,000.00	
198	ADD	Sanitary MH C6 realign	LS	1	8,625.00	\$ -	\$ 8,625.00	
199	ADD	Existing Sanitary Sewer Conflict Lt Sta 205+70	LF	70	100.00	\$ -	\$ 7,000.00	
200	ADD	Culvert Design Change Impacts	LS	1	74,091.53	\$ -	\$ 74,091.53	
201	ADD	Concrete Parking Pad Rt 194+70 AND Rt 195+40(8")	SY	120	120.00	\$ -	\$ 14,400.00	
202	ADD	Lane Allen North Handicap Ramp Modifications	LS	1	6,325.00	\$ -	\$ 6,325.00	
203	ADD	Header Curb Rt Sta198+00	LS	1	2,817.50	\$ -	\$ 2,817.50	
204	ADD	Additional Striping at Southland	LS	1	507.57	\$ -	\$ 507.57	
205	ADD	1819 CMR Wall Modification	LS	1	1,382.45	\$ -	\$ 1,382.45	
206	ADD	Concrete Entrance Pavement at Retaining Walls	LS	1	9,139.00	\$ -	\$ 9,139.00	
207	ADD	Concrete Entrance Pavement Adjustment 2630,2626,2623,2779,2224,2034	SY	149.09	325.00	\$ -	\$ 48,454.25	
208	ADD	1811 CMR - Water trapped in driveway. Extend/raise existing concrete driveway.	LS	1.00	20,130.00	\$ -	\$ 20,130.00	

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You are hereby requested to comply with the following changes from the contract plans and specifications;								
Item No.	ADD / DEL	Description	Units	Quantity	Unit Price	Decrease in contract price	Increase in contract price	
209	ADD	2025 CMR - Nyloplast drain that was installed is not catching all the flow. Need an additional drain.	LS	1.00	17,250.00	\$ -	\$ 17,250.00	
210	ADD	Move sign to luminary & change street signs	LS	1.00	14,963.55		\$ 14,963.55	
211	ADD	Delay Claims	LS	1.00	438,414.80		\$ 438,414.80	
THE REMAINING ITEMS ARE FINAL QUANTITY ADJUSTMENTS								
2A	DEL	Quality Control Services - Allowance	LS	0.09	40,000.00	\$ 3,600.00	\$ -	
5A	DEL	Mail Box Relocations (Sta 119+00 to 130+00)	EA	10.00	150.00	\$ 1,500.00	\$ -	
6A	DEL	Wood Plank Fence	LF	145.00	25.00	\$ 3,625.00	\$ -	
8A	DEL	Remove and Reset Fence (Split Rail)	LF	86.00	25.00	\$ 2,150.00	\$ -	
12A	DEL	DGA Base	TON	1,169.58	26.00	\$ 30,409.08	\$ -	
13A	DEL	#2 Stone Base	TN	627.88	50.00	\$ 31,394.00	\$ -	
14A	DEL	#57 Stone	TN	1,653.06	50.00	\$ 82,653.00	\$ -	
15A	ADD	Steel Reinforcement for Concrete Culvert (Sta 196+43)	LB	3,003.50	1.25	\$ -	\$ 3,754.38	
16A	ADD	Concrete Class A for Steps	CY	8.93	891.18	\$ -	\$ 7,958.24	
17A	ADD	Concrete Class A for Retaining Walls	CY	2.21	495.00	\$ -	\$ 1,093.95	
19A	DEL	Sidewalk 4.5" Concrete	SY	28.80	35.00	\$ 1,008.00	\$ -	
20A	ADD	Sidewalk 6" Concrete	SY	1,420.46	65.00	\$ -	\$ 92,329.90	
21A	DEL	Sidewalk Ramps	SY	55.00	65.50	\$ 3,602.50	\$ -	

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Project: Clays Mill Road Improvements, Section 1							
You are hereby requested to comply with the following changes from the contract plans and specifications;							
Item No.	ADD / DEL	Description	Units	Quantity	Unit Price	Decrease in contract price	Increase in contract price
22A	ADD	Standard Curb and Gutter	LF	206.64	16.00	\$ -	\$ 3,306.24
23A	DEL	Bituminous Pavement Milling and Texturing	SY	3.50	2,558.41	\$ 8,954.43	\$ -
24A	DEL	CL2 Asphast Base 0.75D PG 64-22	TON	76.00	131.11	\$ 9,964.36	\$ -
25A	ADD	CL2 Asphast Base 1.0-0D PG 64-22	TON	76.00	126.26	\$ -	\$ 9,595.76
26A	ADD	CL3 Asphast Base 1.0-0D PG 64-22	TON	76.00	1,584.13	\$ -	\$ 120,393.88
27A	ADD	CL2 Asphast Surface 0.38B PG 64-22	TON	99.00	7.18	\$ -	\$ 710.82
28A	ADD	Asphalt Leveling and Wedging (1-1/2" avg)	TON	90.00	733.23	\$ -	\$ 65,990.70
29A	DEL	Bituminous Material for Tack	TON	0.01	10.00	\$ 0.10	\$ -
30A	ADD	8" PVC Drainage Structure	EA	2,300.00	1.00	\$ -	\$ 2,300.00
32A	DEL	Curb Box Inlet Type A (Mod)	EA	6,500.00	1.00	\$ 6,500.00	\$ -
33A	DEL	Curb Box Inlet Type A - 15'	EA	7,700.00	1.00	\$ 7,700.00	\$ -
34A	DEL	Curb Box Inlet Type B 10'	EA	6,500.00	3.00	\$ 19,500.00	\$ -
35A	ADD	Curb Box Inlet Type B 15'	EA	7,600.00	1.00	\$ -	\$ 7,600.00
36A	ADD	Curb Box Inlet Type F	EA	3,400.00	1.00	\$ -	\$ 3,400.00
37A	DEL	Curb Box Inlet Type B	EA	3,000.00	3.00	\$ 9,000.00	\$ -
38A	ADD	Curb Box Inlet Type 11	EA	3,000.00	8.00	\$ -	\$ 24,000.00
40A	ADD	Junction Box Type B - 24"	EA	3,500.00	1.00	\$ -	\$ 3,500.00

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Item No.	ADD / DEL	Description	Units	Quantity	Unit Price	Decrease in contract price	Increase in contract price
41A	DEL	Grated Surface Inlet	EA	3,000.00	2.00	\$ 6,000.00	\$ -
42A	DEL	Storm Sewer Manhole - 4' Diameter	EA	4,500.00	5.00	\$ 22,500.00	\$ -
43A	ADD	Storm Sewer Manhole - 5' Diameter	EA	5,500.00	3.00	\$ -	\$ 16,500.00
44A	DEL	Storm Sewer Manhole - 6' Diameter	EA	5,750.00	2.00	\$ 11,500.00	\$ -
45A	ADD	Sanitary Sewer Manhole - 4' Diameter	EA	3,000.00	4.00	\$ -	\$ 12,000.00
46A	DEL	Adjust Sanitary Manhole to Grade	EA	650.00	27.00	\$ 17,550.00	\$ -
47A	ADD	Storm Sewer Pipe 12"	LF	45.00	50.00	\$ -	\$ 2,250.00
48A	DEL	Storm Sewer Pipe 15"	LF	73.78	60.00	\$ 4,426.80	\$ -
49A	ADD	Storm Sewer Pipe 18"	LF	24.66	65.00	\$ -	\$ 1,602.90
50A	DEL	Storm Sewer Pipe 24"	LF	49.21	105.00	\$ 5,167.05	\$ -
51A	DEL	Storm Sewer Pipe 30"	LF	41.62	160.00	\$ 6,659.20	\$ -
52A	DEL	Storm Sewer Pipe 36"	LF	118.50	180.00	\$ 21,330.00	\$ -
53A	ADD	Storm Drain Pipe 8"	LF	17.00	42.00	\$ -	\$ 714.00
54A	DEL	Storm Drain Pipe 15"	LF	54.00	65.00	\$ 3,510.00	\$ -
55A	DEL	Ductile Iron Pipe	LF	49.00	250.67	\$ 12,282.83	\$ -
56A	ADD	PVC Pipe 10"	LF	759.00	153.00	\$ -	\$ 116,127.00
57A	DEL	Internal Inspection of Sewer Pipe: CCTV	LF	3,781.40	1.50	\$ 5,672.10	\$ -

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Item No.	ADD / DEL	Description	Units	Quantity	Unit Price	Decrease in contract price	Increase in contract price	
59A	DEL	Temporary Seeding and Protection	SY	4,186.90	0.60	\$ 2,512.14	\$ -	
60A	DEL	Seeding and Protection	SY	18,549.00	1.00	\$ 18,549.00	\$ -	
61A	ADD	Sodding	SY	12,504.00	6.20	\$ -	\$ 77,524.80	
62A	ADD	Landscaping	LS	145,000	0.032	\$ -	\$ 4,635.00	
66A	DEL	Silt Fence	LF	9,191.00	3.15	\$ 28,951.65	\$ -	
67A	ADD	Install and Maintain Silt Traps	LS	0.000001	11,558.99	\$ -	\$ 0.01	
68A	DEL	Erosion Control Blanket (for ditches)	SY	3,300.00	1.53	\$ 5,049.00	\$ -	
69A	ADD	Edge Key	LF	585.50	15.00	\$ -	\$ 8,782.50	
70A	DEL	Project Sign	EA	2.00	270.30	\$ 540.60	\$ -	
71A	DEL	Handrail - General	LF	709.00	102.00	\$ 72,318.00	\$ -	
72A	ADD	Handrail - Parapet	LF	0.25	2,615.00	\$ -	\$ 653.75	
74A	ADD	Detectable Warnings	SF	505.88	15.17	\$ -	\$ 7,674.20	
75A	DEL	Pave Striping - Perm Paint - 4" White	LF	24,495.00	0.65	\$ 15,921.75	\$ -	
76A	DEL	Pave Striping - Perm Paint - 4" Yellow	LF	2,315.00	0.65	\$ 1,504.75	\$ -	
77A	ADD	Pave Striping - Perm Paint - 6" Yellow	LF	20,423.00	1.50	\$ -	\$ 30,634.50	
78A	ADD	Pave Striping - Perm Paint - 12" White	LF	1,512.00	10.00	\$ -	\$ 15,120.00	
79A	ADD	Pave Striping - Thermo 12" Yellow	LF	112.00	10.00	\$ -	\$ 1,120.00	

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Item No.	ADD / DEL	Description	Units	Quantity	Unit Price	Decrease in contract price	Increase in contract price	
80A	DEL	Pave Striping - Thermo Stop Bar - 24"	LF	69.00	12.00	\$ 828.00	\$ -	
81A	DEL	Pave Striping - Thermo Curve Arrow	EA	3.00	160.00	\$ 480.00	\$ -	
83A	DEL	Pave Markers Type IVA - By Temp	EA	28.00	5.00	\$ 140.00	\$ -	
84A	DEL	Pave Marking - Thermo Bike	EA	2.00	225.00	\$ 450.00	\$ -	
85A	DEL	Pave Marking - Type 1 Tape School	EA	1.00	1,250.00	\$ 1,250.00	\$ -	
86A	ADD	SBM Alum Sheet Signs 0.125"	SF	64.09	20.00	\$ -	\$ 1,281.80	
87A	ADD	Steel Post Type 1 (2" Posts)	LF	190.00	15.00	\$ -	\$ 2,850.00	
88A	DEL	Conduit 2" Rigid Steel	LF	736.00	11.00	\$ 8,096.00	\$ -	
89A	ADD	Conduit 2" Sch 40 PVC	LF	2,182.00	8.00	\$ -	\$ 17,456.00	
90A	DEL	Electrical Junction Box	EA	55.00	975.00	\$ 53,625.00	\$ -	
91A	ADD	Fiber Optic Splice Enclosure (Junction Box)	EA	2.00	1,250.00	\$ -	\$ 2,500.00	
92A	ADD	Fiber Optic Cable	LF	1,617.00	3.00	\$ -	\$ 4,851.00	
96A	DEL	Safeloading Existing Pipe	CY	91.00	300.00	\$ 27,300.00	\$ -	
97A	DEL	24" Storm Pipe - Lt Sta 135+99.44	LF	301.00	185.00	\$ 55,685.00	\$ -	
98A	DEL	Additional Work - Lt Sta 135+99.44	LS	0.85	35,000.00	\$ 29,750.00	\$ -	
99A	ADD	18" Storm Pipe - Rt Stga 149+65.08 (Lines 1 & 2)	LF	0.30	170.00	\$ -	\$ 51.00	
101A	ADD	Demobilization Adjustment	LS	1.00	3,370.99	\$ -	\$ 3,370.99	

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Project:					Clays Mill Road Improvements, Section 1				
					You are hereby requested to comply with the following changes from the contract plans and specifications;				
Item No.	ADD / DEL	Description	Units	Quantity	Unit Price	Decrease in contract price	Increase in contract price		
Total decrease						\$ 686,109.34			
Total increase							\$ 1,771,121.78		
Net (increase) in contract price									\$ 1,085,012.44

CONTRACT HISTORY FORM

CO: 5 - Final
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Project Name Clays Mill Road Improvements, Sec. 1
Contractor: L-M Asphalt Partners, Ltd., dba ATS Construction
Contract Number and Date: 17-2020, 11/02/20
Responsible LFUCG Division: Engineering

CONTRACT AND CHANGE ORDER DETAILS

A. Original Contract Amount:	\$	<u>10,683,653.39</u>	
Next Lowest Bid Amount:	\$	<u>12,894,000.00</u>	
B. Amount of Selected Alternate or Phase:	\$	<u>0.00</u>	
C. Cumulative Amount of All Previous Alternates or Phases:	\$	<u>10,683,653.39</u>	
D. Amended Contract Amount:	\$	<u>10,683,653.39</u>	
E. Cumulative Amount of All Previous Change Orders:	\$	<u>1,373,272.58</u>	<u>12.9%</u> (Line E / Line D)
F. Amount of This Change Order:	\$	<u>1,085,012.44</u>	<u>10.2%</u> (Line F / Line D)
G. Cumulative Amount of All Change Orders:	\$	<u>2,458,285.02</u>	<u>23.0%</u> (Line G / Line D)
G. Total Contract Amount:	\$	<u>13,141,938.41</u>	

SIGNATURES

Project Manager:		Date: <u>10/13/25</u>
Reviewed by:		Date: <u>10/13/25</u>
Division Director:		Date: <u>10/20/25</u>

JUSTIFICATION FOR CHANGE

PROJECT:	Clays Mill Road Improvements, Section 1
CONTRACT NO.	17-2020
CHANGE ORDER:	5 - Final

1. Necessity for change: See attached Supporting Documents (136 pages).
2. Is proposed change an alternate bid? ___Yes X No
3. Will proposed change alter the physical size of the project? ___Yes X No
If "Yes", explain.
4. Effect of this change on other prime contractors: N/A
5. Has consent of surety been obtained? ___Yes X Not Necessary
6. Will this change affect expiration or extent of insurance coverage? ___Yes X No
If "Yes", will the policies be extended? ___Yes ___No
7. Effect on operation and maintenance costs: N/A
8. No contract extension is required. This is a final adjusting change order for contract close-out.

Mayor

Date

**Clays Mill Road Improvements, Section 1
Change Order No.5 - Final
Reasons for Porposed Changes**

**Contract ID: PO2-625-1500002693
Project No: 8552-004,-001,-011**

Item No.	Description	Notes
2A-101A	Original Contract Bid Items	Final quantity adjustments for items that either exceeded or were less than the as-bid quantity estimates.
175	Drainage Box Changes Rt Sta 135	A field modification was made to add 45 deg pipe bends to avoid a conflict with an existing waterline.
176	2049 Sump Pump	A field modification was made to connect a residential groundwater sump pump discharge to the new storm sewer, that previously discharged to the stormwater ditch.
177	Remove/Replace Entrance Lt 203+84	A modification was necessary to adapt to field conditions. The distance between the curb and the sidewalk created a steep apron. Modification entailed lowering the sidewalk adjacent to the driveway entrance and rebuilding the driveway entrance and sidewalk.
178	Remove/Replace Entrance Lt 194+98	A field modification was necessary to adapt to an existing uneven and steep driveway slope. The driveway entrance was widened and extended further than initially designed to provide a smooth transition between the new construction and the existing driveway.
179	Lane Allen/Rosemont Garden Mast Arm Signage	Special brackets that were not specified, were required for the hanging of the illuminated street signage.
180	Added Driveway Retaining Walls	Modifications were made to driveway retaining walls at four properties that were initially too narrow for safe ingress/egress.
181	Small Retaining Wall Lt 187+50	A Field modification made to address a grade issue requiring the addition of a retaining wall at the back of the sidewalk,
182	Retaining Wall Lt 210+80 to Lt 211+12	A Field modification made to address a grade issue requiring the addition of a retaining wall at the back of the sidewalk,
183	Retaining Wall Lt 211+84 to Lt 212+10	A Field modification made to address a grade issue requiring the addition of a retaining wall at the back of the sidewalk,
184	Retaining Walls Lt 201+00 to Lt 201+50	A Field modification made to address a grade issue requiring the addition of a retaining wall at the back of the sidewalk,
185	Retaining Wall Rt 189+00 to Rt 196+00	A Field modification made to address a grade issue requiring the addition of a retaining wall at the back of the sidewalk,
186	Retaining Wall Rt - Pasadena	A Field modification made to address a grade issue requiring the addition of a retaining wall at the back of the sidewalk,
187	Storm Changes Lt Sta136+00	Reduction in lum sum bid item, reflecting a reduction in scope of work

Item No.	Description	Notes
188	MOT-Lane Allen Closure	Multiple utilities (gas, water and fiber optic) were buried in a busy signalized intersection that had not been relocated by the utility companies in a timely manner. The decision was made to completely close the intersection and detour traffic around it. This required extensive traffic control signage and barricades for a period of three months.
189	WQU Diversion Structure/Delays/Material Changes	Sanitary sewer modifications in the vicinity of the three water quality units and associated diversion structures, necessitated design modifications to them. These changes and delayed shop drawing approvals resulted in a cost increase.
190	EW~1700 CMR Dressing	Additional landscaping was required beyond the initial contractual amount, to address property disturbance necessary to effect proper drainage.
191	EW~6 in Width Dashed Line-White	A field modification was made to the roadway striping to comply with MUTCD requirements. This type of marking was not a unit bid item in the original contract.
192	Pavement Marking Thermo Only	A field modification was made to the roadway striping to comply with MUTCD requirements. This type of marking was not a unit bid item in the original contract.
193	MOT-NB Lane Closure Waco-Pasadena	To effect a safer roadway environment for the public and the workers, and to expedite construction, a section of Clays Mill Road was closed to through traffic for about two months. Additional costs were incurred for traffic control devices and related labor.
194	San Lateral/Cleanouts - Lane Allen	Sanitary sewer relocation work involved the replacement of sewer laterals. To meet LFUCG code, it was necessary to add cleanouts at the property line.
195	Tie to Existing Sanitary Manhole	A field modification was made to connect a relocated sanitary sewer to an existing manhole.
196	Rework sanitary MH C1 to Match Existing	Due to an unforeseen utility conflict, a field modification was made to a new sanitary manhole to facilitate connection to it.
197	Phase two PIP CBI'2 (Premium per box)	In the interest of progressing work and avoiding a work delay or stoppage, field modifications were made to adapt available storm sewer curb box inlets to fit field conditions in lieu waiting for delivery of new ones.
198	Sanitary MH C6 realign	A field modification was made to sanitary reroute a sewer line to address a conflict with a sewer lateral.
199	Existing Sanitary Sewer Conflict Lt Sta 205+70	A field modification was made to lower a sanitary sewer line to address a conflict with a sewer lateral.
200	Culvert Design Change Impacts	Field modifications were made to tie the discharge wingwalls of the new culvert to the streambank, and to stabilize the stream channel walls on the discharge side of the new culvert.
201	Concrete Parking Pad Rt 194+70 AND Rt 195+40(8")	Replacement of a driveway extension that was removed during construction due to regrading.

Item No.	Description	Notes
202	Lane Allen North Handicap Ramp Modifications	Modifications to the handicap ramp were made to ensure ADA compliance.
203	Header Curb Rt Sta 198+00	Extra header curb was added behind a section of sidewalk to address a steep slope.
204	Additional Striping at Southland	Quantity adjustment of roadway marking with the addition of waterblasting existing markings, the later of which is not a unit bid item.
205	1819 CMR Wall Modification	A field modification was made to a new retaining wall to improve ingress/egress into a driveway.
206	Concrete Entrance Pavement at Retaining Walls	Additional driveway apron and entrance pavement was provided at several properties that received new retaining walls to improve ingress/egress into the driveways.
207	Concrete Entrance Pavement Adjustment 2630,2626,2623,2779,2224,2034	Additional driveway apron and entrance pavement was provided at several properties to improve ingress/egress into the driveways and in some cases address drainage issues created by the new construction.
208	1811 CMR - Driveway corrections	Regrading of roadway resulted in rainwater ponding in the residential driveway. The driveway was raised and extended to address the problem.
209	2025 CMR - Yard drainage corrections	Regrading of roadway resulted in rainwater ponding in the residential front yard. The initial design included a yard drain, but was insufficient. Additional piping and drain boxes were added to address the problem.
210	Move sign to luminary & change street signs	Roadway classification required larger street signs than originally specified. The issue was discovered after installation of the smaller signs. Additionally, a non-illuminated sign was upgraded to an illuminated sign for a major intersection.
211	Delay Claims	Multiple instances occurred in which work was either stopped or delayed in a given area due to unforeseen utility conflicts, as detailed in the Contractor's claim.



TO: Mark Feibes, PE
LFUCG Project Engineer
FROM: Dylan Murphy, PE
ATS Construction Project Manager
DATE: November 6, 2024
RE: Clays Mill Road Widening
BID NO. 17-2020
Misc Completed Extra work Items

****UPDATE 11/6/23****

Pricing below and attached has been revised based on request from LFUCG via email dated 11/1/2024

****UPDATE 12/2/23****

Pricing below and back attached has been revised based on the requests of LFUCG in our meeting on June 27, 2023.
Pricing letter revised to only include pricing items <\$2,500 OR have previously agreed upon pricing.

****Original Letter****

To minimize the number of proposal letters written for work already completed, ATS Construction has combined most of the remaining extra work items into one letter. The attachment lists extra work items that have already been completed during the project. Notes were added to each line item to explain what each line item is for.

Total for attached items - \$13,738.25 (Updated 11/6/2023)

Please note there are still a few remaining items that were not included in this attachment that require their own submittal.

ATS Construction requests you review these items and advise on approval at your earliest convenience.

Please contact me with any questions that you may have.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Clays Mill Road Misc Extra Work Pricing of completed tasks										
VP Item	Description	Notes	QTY	UM	Labor	Equipment	Materials	Cost Total	Markup (15%)	Extension
10027	DRAINAGE BOX CHANGES RT STA 135	45 deg bends had to be added to storm line to miss a crossing utility. Pipe run was short, so Inspector approved of bends in order to drain area	1.00	LS	445.00	695.00	600.00	1,740.00	261.00	2,001.00
10046	2049 SUMP PUMP	At the request of LFUCG, a residential Sump Pump was connected to the new storm system at 2049 Clays Mill Road	1.00	LS	600.00	500.00	500.00	1,600.00	240.00	1,840.00
10073	REMOVE/REPLACE ENT LT 203+84	This driveway was removed and replaced at the request of LFUCG to have the depressed sidewalk due to the closeness to the back of the curb. Requesting previously approved price of \$325/SY	13.33	SY						4,332.25
10078	~REMOVE/REPLACE ENTR LT 194+98	This entrance was built per plan, however field conditions caused complications with the tie-ins. The existing blacktop pavement was wider than the proposed concrete. LFUCG directed us to remove the asphalt and pour the driveway wider. Requesting Previously approved price of \$325/SY	15.00	SY						4,875.00
10089	Lane Allen/Rosemont Garden Mast Arm Signage	At the request of LFUCG, lane assignment signage was added to the mast arm poles at Lane Allen and Clays Mill Road. There was no pay item for the brackets for these signs. ATS Requests payment for the purchase and installation of these brackets.	1.00	LS			600.00	600.00	90.00	690.00
Total:									13,738.25	

Note: Items 177 & 178 - Concrete replacement reduced from \$650/SY to \$325/SY following phone conversation between D. Murphy and M. Feibes, on 5/8/23.

175

176

177

178

179



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: April 23, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
Added Retaining Wall Changes (Driveway Improvements)

LFUCG has provided the attached drawings for retaining wall revisions at four (4) driveway locations. ATS Construction submits this proposal for approval to complete the requested work.

ADDED Retaining Wall 142 LF @ \$425/LF = \$60,350

Notes

1. Pricing includes removal of 156 LF of Retaining walls and triangular taper of driveways (behind the sidewalk) as these were poured separate and will fall apart.
2. Pricing includes excavation, forming, pouring, and backfill of new wall.
3. Pricing includes a non-poured backfill between the new wall and driveway, but excludes any sod
4. Care will be taken to reduce risk of driveway damage, however due to the needs to remove the wall, ATS Construction cannot guarantee the driveways will not be damaged. In the event the driveways are damaged to the point of being replaced, ATS Construction will replace at the previously approved price of \$650/SY
5. Additional Concrete Entrance Pavement not included in above pricing. If LFUCG elects to place concrete entrance pavement between the existing driveway and new wall, ATS Construction will honor the contract unit price.
6. Sodding to be paid at contract Unit Price.

Please contact me with any questions that you may have.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

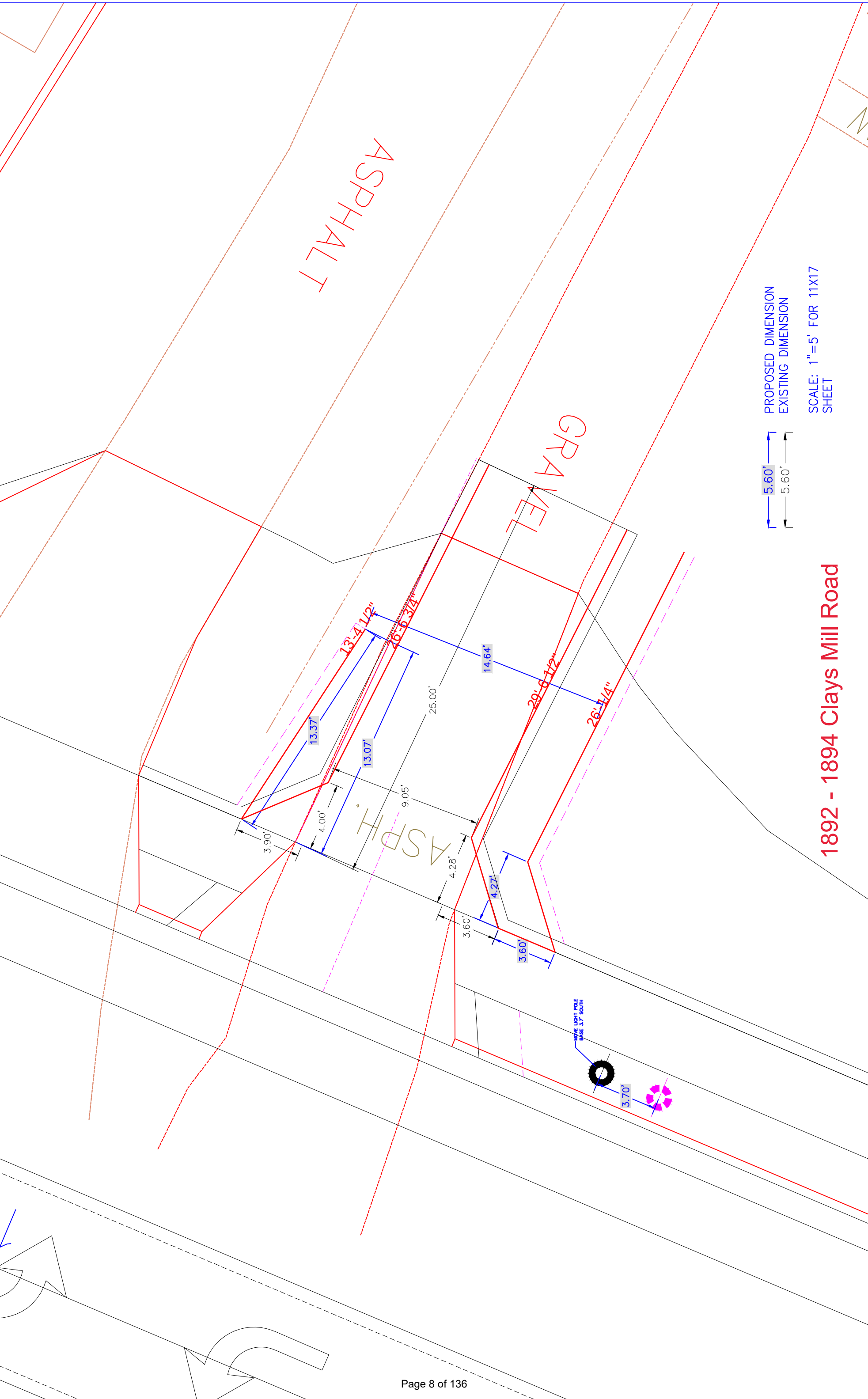
CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

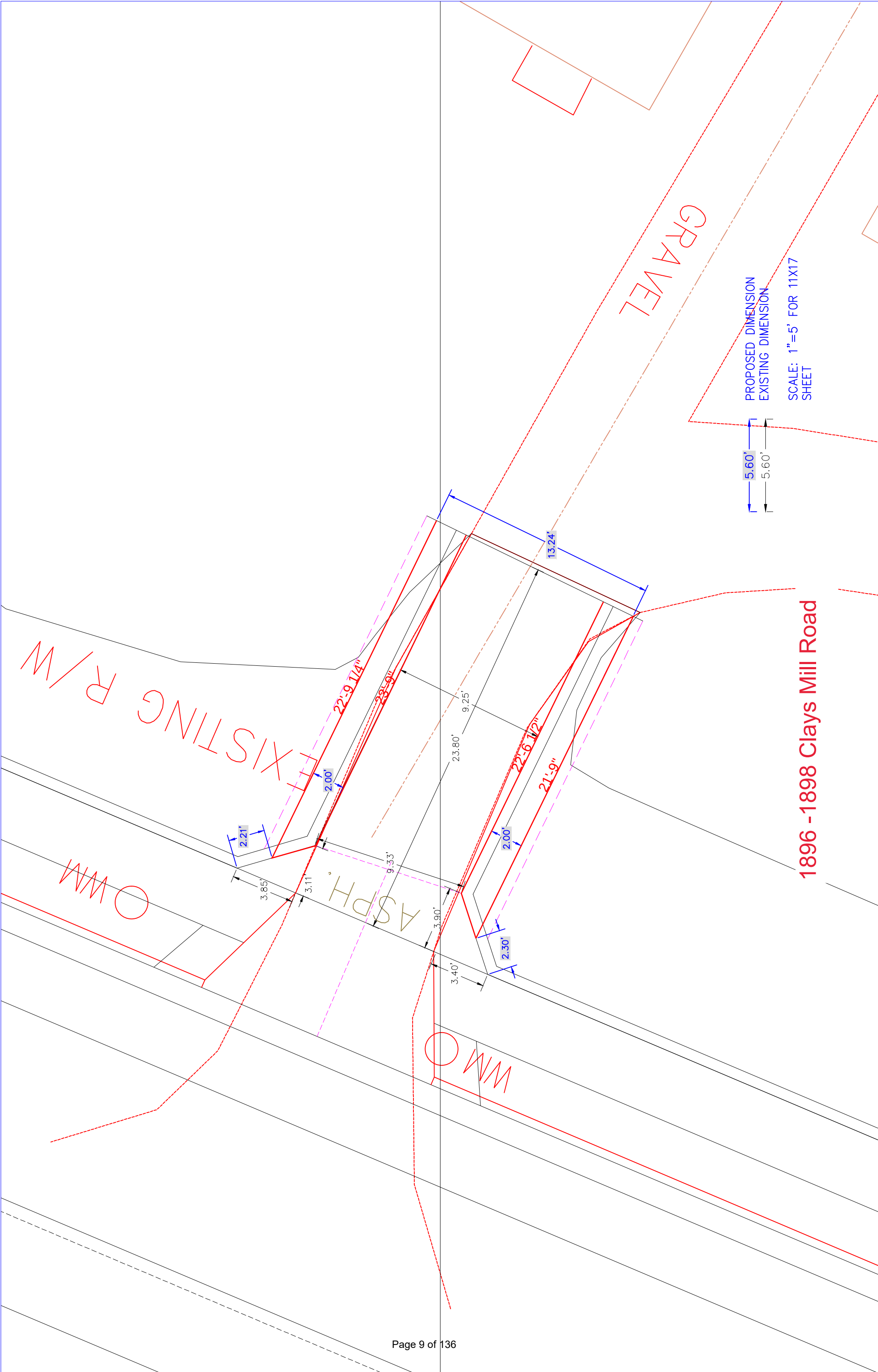
file: C:\Users\dmurphy\ATS Construction\ATS PM - Grade-Drainage-Concrete - Projects-Field Information\620012_17-2020_LFUCG CLAYS
MILL RD IMPROV\Correspondence\Submittals

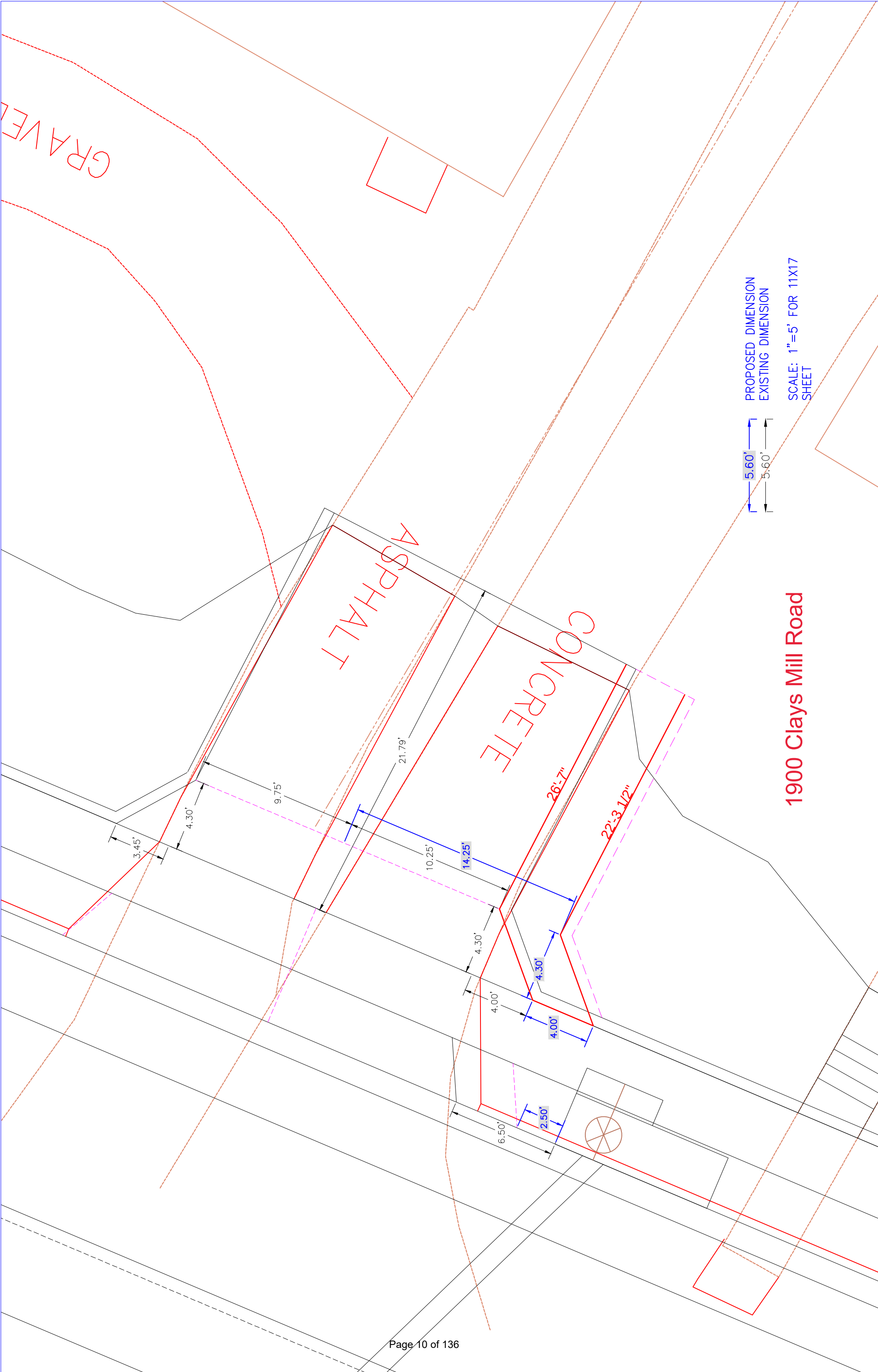
Direct Cost Report

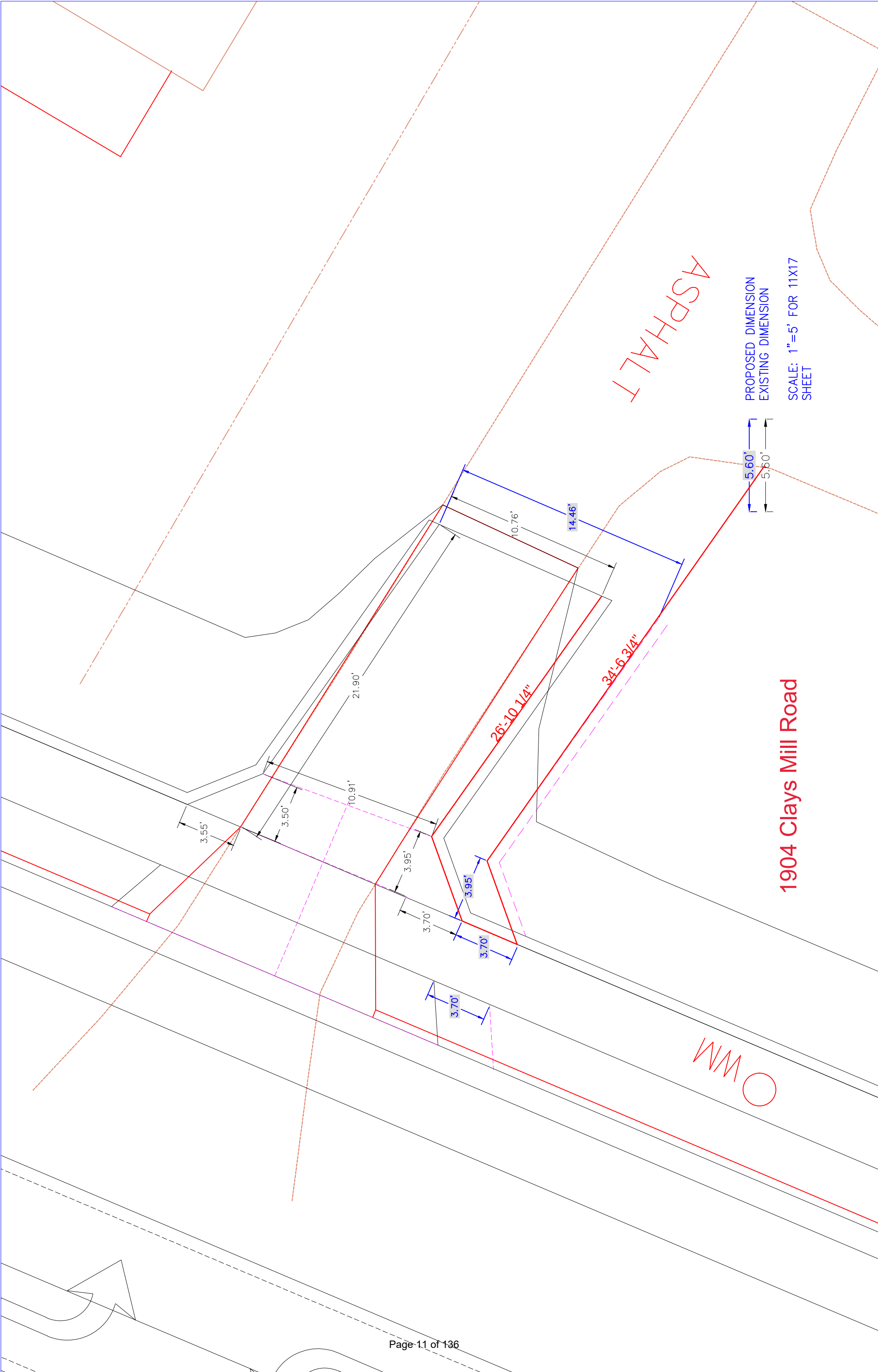
Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
BID ITEM = 40510										
Description =	MODIFY GRAVITY RETAINING WALLS		Unit =	LF	Takeoff Quan:	142.000	Engr Quan:	142.000		
30.08100.	RETAINING WALLS		Quan:	142.00 LF	Hrs/Shft:	10.00	Cal: 510	WC: NONE		
[[Crew Notes:]]										**Unreviewed
<u>3CONC</u>	CONCRETE CREW		56.80 CH	Prod:	25.0000 US	Lab Pcs:	5.00	Eqp Pcs:	1.00	
2CONCLA	CLASS A CONCRETE@1	1.00	26.36 CY	150.000		4,191				4,191
3FORMS	FORMS	1.00	984.16 SF	0.200			197			197
3MSUP	MISCELLANEOUS SUPP	1.00	1.00 LS	500.000			500			500
8TPKFM	PICKUP TRUCK - FORE	1.00	56.80 HR	30.325				1,722		1,722
LG1	LABORER GROUP 1	2.00	113.60 MH	23.070	5,120					5,120
LG4	LABORER GROUP 4	2.00	113.60 MH	23.970	5,257					5,257
OG1	OPERATOR GROUP 1	1.00	56.80 MH	33.300	3,467					3,467
\$20,454.82	2.0000 MH/LF		284.00 MH	[56.047]	13,844	4,191	697	1,722		20,455
30.08100.01	BACKFILL WALLS		Quan:	142.00 LF	Hrs/Shft:	10.00	Cal: 510	WC: NONE		
[[Crew Notes:]]										**Unreviewed
<u>5FAB</u>	FABRIC CREW		24.06 CH	Prod:	59.0000 US	Lab Pcs:	5.00	Eqp Pcs:	4.00	
8HOE312	HOE 312	1.00	24.07 HR	59.828			1,440			1,440
8LOADSS	SKID STEER LOADER	1.00	24.07 HR	41.750			1,005			1,005
8TDTSGL	DUMP TRUCK - SINGLE	1.00	24.07 HR	57.100			1,374			1,374
8TPKFM	PICKUP TRUCK - FORE	1.00	24.07 HR	30.325			730			730
LG2	LABORER GROUP 2	1.00	24.07 MH	23.320	1,093					1,093
OG1	OPERATOR GROUP 1	2.00	48.14 MH	33.300	2,939					2,939
OG2	OPERATOR GROUP 2	1.00	24.07 MH	30.440	1,377					1,377
TD4	TRUCK DRIVER GROUP	1.00	24.07 MH	16.570	710					710
\$10,668.39	0.8475 MH/LF		120.35 MH	[25.532]	6,119		4,549			10,668
30.08100.02	DEMO EXIST WALL-EXCAVATE NEW WALL		Quan:	156.00 LF	Hrs/Shft:	10.00	Cal: 510	WC: NONE		
[[Crew Notes:]]										**Unreviewed
<u>5FAB</u>	FABRIC CREW		44.57 CH	Prod:	35.0000 US	Lab Pcs:	6.00	Eqp Pcs:	5.00	
8LOADBH	CAT420D RUBBER TIRE	1.00	44.57 HR	37.156			1,656			1,656
8LOADSS	SKID STEER LOADER	1.00	44.57 HR	41.750			1,861			1,861
8MISCTT	TOOL TRAILER	1.00	44.57 HR	16.900			753			753
8TDTSGL	DUMP TRUCK - SINGLE	1.00	44.57 HR	57.100			2,545			2,545
8TPKFM	PICKUP TRUCK - FORE	1.00	44.57 HR	30.325			1,352			1,352
LG2	LABORER GROUP 2	2.00	89.14 MH	23.320	4,047					4,047
OG1	OPERATOR GROUP 1	1.00	44.57 MH	33.300	2,721					2,721
OG2	OPERATOR GROUP 2	2.00	89.14 MH	30.440	5,101					5,101
TD4	TRUCK DRIVER GROUP	1.00	44.57 MH	16.570	1,315					1,315
\$21,350.46	1.7142 MH/LF		267.42 MH	[49.464]	13,184		8,167			21,350
====> Item Totals: 40510 - MODIFY GRAVITY RETAINING WALLS										
\$52,473.67	4.7307 MH/LF		671.77 MH	[135.919]	33,147	4,191	697	14,438		52,474
369.533	142 LF				233.43	29.52	4.91	101.68		369.53

Report shows cost only.
\$369.53/LF + 15% = \$424.96/LF
Rounded to \$425.00/LF









Mark Feibes

From: Mark Feibes
Sent: Tuesday, July 25, 2023 3:31 PM
To: Jones, Jackie (KYTC); (Shane.Tucker@ky.gov)
Subject: Clays Mill Road Section 1 - Additional Work
Attachments: CMR - PROPOSAL - RETAINING WALL CHANGES.pdf; CMR PROPOSAL - DRAINAGE IMPROVEMENTS AT 1879 CMR.pdf

Jackie,

I have a couple of additional work items for Clays Mill Road to request for approval.

1. Adjustments to retaining walls to provide better clearance for vehicles in and out of four driveways. The walls were originally built to the width of the existing driveways. After constructing, property owners complained that they sometimes rub up against the walls because the width is too narrow.
2. Construction of a surface drain and connection to the storm sewer to prevent standing water in a residential driveway. Clays Mill Road was substantially raised in front of this property, resulting in a low spot in their driveway that hadn't existed before. This drain corrects the problem.

The total cost of these items are:

- | | |
|---|---|
| 1 | \$60,350.00 – base cost |
| | 15,655.00 – estimated driveway replacement (See last page of “retaining wall changes”.) |
| 2 | <u>4,772.50</u> |
| | \$80,777.50 |

There are sufficient funds to cover these items:

C-Phase			
Current eMARS Budget	\$	1,582,578.57	
* CO#3		(641,855.91)	
Balance	\$	940,722.66	

* Signed by SHE 07/13/23 - Does not appear to be entered into eMARS yet.

Click Authorization Number to view Project Authorization Documents (TC10-1)

Select

67901

Export to Excel

Project ID			Combined Totals MARS/eMARS		
SYP Item #	Phase	Program Code	Project Budget	Project Expenditures July 1, 2006 - Current	Current
7-224.10	C	6790101C	\$13,200,299.96	\$10,758,672.10	
7-224.10	C	6790106C	\$254,246.63	\$294,588.43	
7-224.10	D	6790103D	\$1,118,000.00	\$939,376.68	
7-224.10	D	6790104D	\$11,450.00	\$6,361.09	
7-224.50	D	6790102D	\$579,484.60	\$579,484.60	
7-224.10	R	6790102R	\$811,224.65	\$811,224.65	
7-224.10	R	6790103R	\$5,527.36	\$5,527.36	
7-224.10	U	6790102U	\$224,000.00	\$0.00	
7-224.10	U	6790103U	\$10,000.00	\$3,079.29	
7-224.50	U	6790101U	\$573,501.84	\$573,501.84	

Please review and let me know if these changes are acceptable. If so, they will be incorporated into a future change order.

Thanks,

Mark Feibes, P.E.

Section Manager

Department of Environmental Quality and Public Works

Division of Engineering, Design and Construction Section

859.258.3428 office

859.227.6319 cell

lexingtonky.gov



LEXINGTON

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TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: April 23, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
Gravity Retaining Walls

Throughout the summer and fall of 2023, LFUCG directed ATS Construction to construct several additional gravity retaining walls due to field conditions that differed from the plans. ATS Construction was committed to completing the project and therefore continued with constructing the walls. No plans or information were provided for these walls prior to construction, however ATS Construction worked with LFUCG to layout the limits and alignment of the walls in the field. Further, several of these walls were added after curb and gutter and other construction phases were complete forcing special care to be taken during the construction of these walls. All wall extents and elevations were approved by LFUCG prior to construction. ATS Construction submits the following pricing for these added retaining walls.

Total of 808 LF @ \$250/LF = \$202,000

(Locations and lengths attached to this letter.)

Please contact me with any questions that you may have.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Clays Mill Road
Added Retatining Wall Location Breakout

VP Item	Description	QTY	Unit	Unit Price	Extension
10049	LT STA 187+50	50.00	LF	250.00	12,500.00
10067	LT Sta 210+80-211+12	45.00	LF	250.00	11,250.00
10068	LT Sta 211+84-212+10	25.00	LF	250.00	6,250.00
10072	LT Sta 200+00-201+50	120.00	LF	250.00	30,000.00
10075	RT Sta189+00-196+00	460.00	LF	250.00	115,000.00
10080	Pasadena Drive	108.00	LF	250.00	27,000.00
Total:					202,000.00

Direct Cost Report

Activity	Desc	Quantity	Unit	Unit	Labor	Perm	Constr	Equip	Sub-	Total
Resource		Pcs		Cost		Material	Matl/Exp	Ment	Contract	
BID ITEM = 40500										
Description =	ADDED GRAVITY RETAINING WALLS		Unit =	LF	Takeoff	Quan:	808.000	Engr	Quan:	808.000
30.08100.	RETAINING WALLS		Quan:	808.00	LF	Hrs/Shft:	10.00	Cal:	510	WC: NONE
[[Crew Notes:										**Unreviewed
]]										
3CONC	CONCRETE CREW	323.20	CH	Prod:	25.0000	US	Lab Pcs:	5.00	Eqp Pcs:	1.00
2CONCLA	CLASS A CONCRETE@1	1.00	150.00	CY	150.000	23,850				23,850
3FORMS	FORMS	1.00	5,600.00	SF	0.200		1,120			1,120
3MSUP	MISCELLANEOUS SUPP	1.00	1.00	LS	500.000		500			500
8TPKFM	PICKUP TRUCK - FORE	1.00	323.20	HR	30.325			9,801		9,801
LG1	LABORER GROUP 1	2.00	646.40	MH	23.070	29,134				29,134
LG4	LABORER GROUP 4	2.00	646.40	MH	23.970	29,912				29,912
OG1	OPERATOR GROUP 1	1.00	323.20	MH	33.300	19,730				19,730
\$114,047.00	2.0000 MH/LF	1,616.00	MH	[56.047]	78,776	23,850	1,620	9,801		114,047
30.08100.01	BACKFILL WALLS		Quan:	808.00	LF	Hrs/Shft:	10.00	Cal:	510	WC: NONE
[[Crew Notes:										**Unreviewed
]]										
5FAB	FABRIC CREW	136.94	CH	Prod:	59.0000	US	Lab Pcs:	5.00	Eqp Pcs:	4.00
8HOE312	HOE 312	1.00	136.95	HR	59.828			8,193		8,193
8LOADSS	SKID STEER LOADER	1.00	136.95	HR	41.750			5,718		5,718
8TDTSG	DUMP TRUCK - SINGLE	1.00	136.95	HR	57.100			7,820		7,820
8TPKFM	PICKUP TRUCK - FORE	1.00	136.95	HR	30.325			4,153		4,153
LG2	LABORER GROUP 2	1.00	136.95	MH	23.320	6,218				6,218
OG1	OPERATOR GROUP 1	2.00	273.90	MH	33.300	16,720				16,720
OG2	OPERATOR GROUP 2	1.00	136.95	MH	30.440	7,836				7,836
TD4	TRUCK DRIVER GROUP	1.00	136.95	MH	16.570	4,041				4,041
\$60,699.72	0.8474 MH/LF	684.75	MH	[25.529]	34,816			25,884		60,700
=====	Item Totals:	40500	-	ADDED GRAVITY RETAINING WALLS						
\$174,746.72	2.8474 MH/LF	2,300.75	MH	[81.577]	113,592	23,850	1,620	35,685		174,747
216.271	808 LF				140.58	29.52	2.00	44.16		216.27

Report shows cost only.
\$216.27/LF + 15% Markup = \$248.71
Rounded to \$250/LF



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: June 24, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
Drainage Changes LT STA 135+99.44

As a part of the original bid documents, line item 98 was provided for "ADDITIONAL WORK -LT STA 135+99.44." This item was added by addendum for the additional restoration work that would need to be completed off right of way between residential properties for a proposed storm line. During construction, this storm line was revised to tie into the existing storm closer to the project therefore not needing to restore as much.

We bid this item at \$35,000.00 but understand that the full amount of this work was not complete. We are requesting \$10,000 for restoration work still completed in this area.

Given the information above, this letter serves as a proposed change order of -\$25,000 for bid item 98- ADDITIONAL WORK-LT STA 135+99.44."

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC



TO: Mark Feibes, PE
 LFUCG Project Engineer
FROM: Dylan Murphy, PE
 ATS Construction Project Manager
DATE: October 30, 2024
RE: Clays Mill Road Widening
 BID NO. 17-2020
 MOT-Lane Allen Closure – Revision 1

In a letter dated June 24, 2023 (attached), supplemental pricing was provided for the closure of the Clays Mill Road and Lane Allen intersection to complete both contractual work and utility relocations. This proposal has been modified based on the attached closure plan and summaries and includes subsequent closures to Harrodsburg Road.

Revised proposal below based on quantities of the attached closure plan.

Description	QTY	UM	UP	Amount
DETOUR SIGNAGE	51	EA	\$ 150.00	\$ 7,650.00
TYPE 3 BARRICADES	71	EA	\$ 300.00	\$21,300.00
CHANGEABLE MESSAGE BOARDS	5	EA	\$3,500.00	\$17,500.00
			Total	\$46,450.00

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
 Project Manager
 ATS Construction

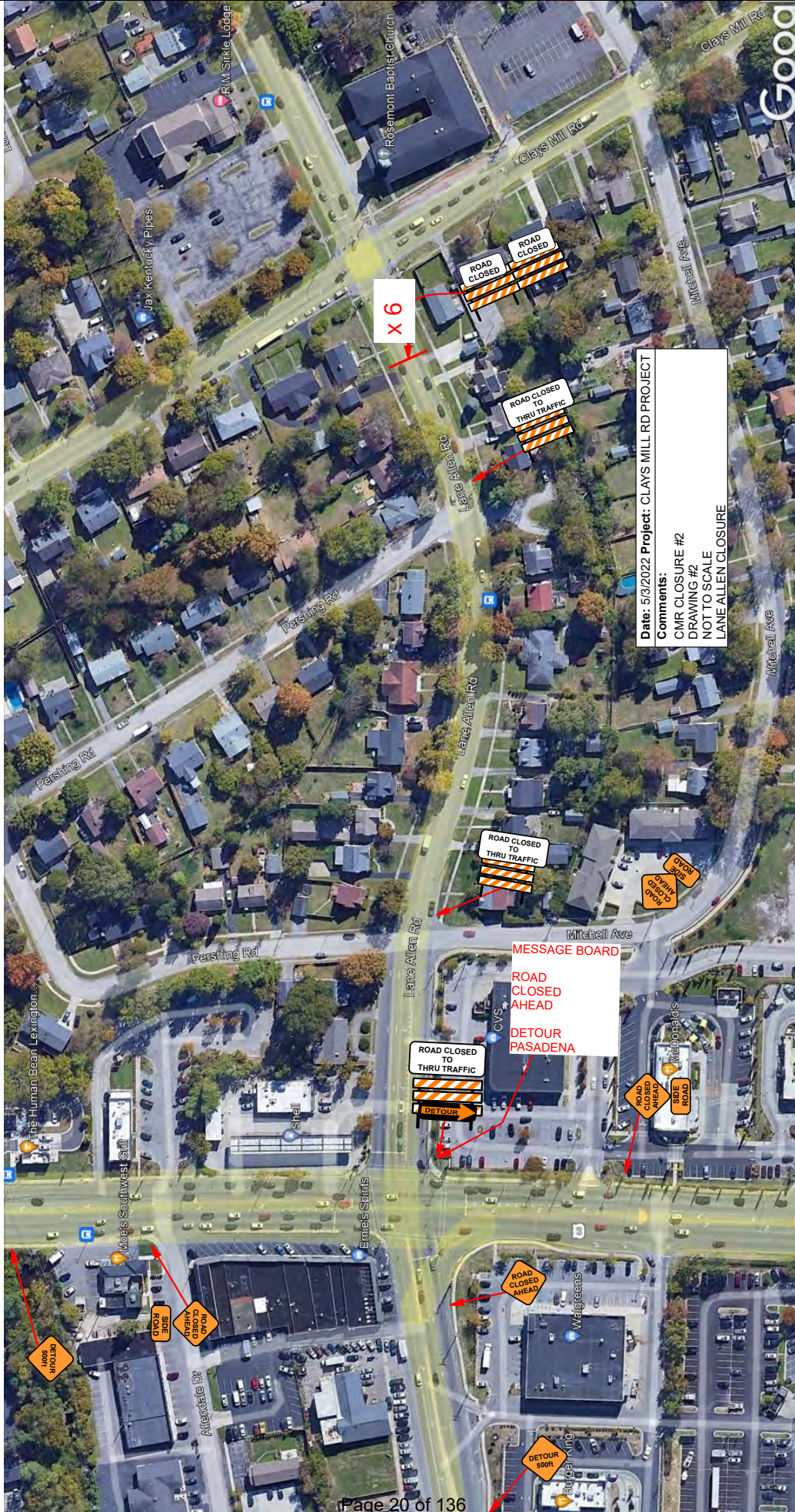
CC: Doug Burton, PE LFUCG Engineering
 Brian Billings, PE ATS Construction
 Jamie Davis, Superintendent, ATS Construction
 Josh Withrow, PE KYTC

Barricades - 7
Signs - 4
Message Boards - 1



Clays Mill Road
Lane Allen to Harrodsburg Closures

Barricades - 9
Signs - 6
Message Boards - 1



Clays Mill Road Lane Allen to Harrodsburg Closures

Barricades - 4
Signs - 6
Message Boards - 1





Barricades - 39
Signs - 10
Message Boards - 2







Void - superseded by
submittal dated 10/30/24

TO: Mark Feibes, PE
LFUCG Project Engineer
FROM: Dylan Murphy, PE
ATS Construction Project Manager
DATE: June 24, 2023
RE: Clays Mill Road Widening
BID NO. 17-2020
MOT-Lane Allen Closure

In the spring of 2022, the Clays Mill Road project was faced with a difficult challenge at the intersection of Clays Mill Road and Lane Allen/Rosemont Garden. Multiple utility companies still had yet to relocate their facilities in the intersection and contract work was due to start. The known utility companies that needed to relocate their facilities were Kentucky American Water and Columbia Gas Company. Windstream Communications also had a large existing duct bank that was discovered that would need to be relocated in order to install the storm sewer system.

Each one of these utility companies would've had to create/submit/approve their own MOT plan to LFUCG and do their relocations one at a time which would have greatly delayed the construction of the project. Considering the amount of work that had to be done IN the intersection, it was proposed that ATS Construction supply the required traffic control to completely close the intersection to allow each utility contractor to efficiently relocate their facilities in a timely manner and keep construction on the right path. The closure of the intersection lasted approximately two months with the stipulation that it MUST be open when the nearby schools started back in August 2022.

A closure plan was presented and approved by LFUCG and modified throughout the summer to maintain traffic to the best of our abilities. ATS Construction submits the following pricing for Traffic Control Devices provided for this closure. Please note that the unit prices are based on previously approved unit prices for the same items and time frame in Change Order #01.

Description	QTY	UM	UP	Amount
DETOUR SIGNAGE	60	EA	150.00	9,000.00
TYPE 3 BARRICADES	80	EA	300.00	24,000.00
CHANGEABLE MESSAGE BOARDS	5	EA	3,500.00	17,500.00
			Total	50,500.00

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

file: C:\Users\dmurphy\ATS Construction\ATS PM - Grade-Drainage-Concrete - Projects-Field Information\620012_17-2020_LFUCG CLAYS
MILL RD IMPROV\Correspondence\Submittals



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: June 24, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
WQU Additional Costs

Through the course of the above referenced project, there have been two issues that have affected the construction of the three (3) water quality units both in time and cost. Below is an explanation of each issue and the impact ATS Construction experienced from each.

Increased material prices due to Delayed shop drawing approval - \$21,565.36

After being awarded the contract, ATS Construction proceeded with procurement of shop drawings for drainage materials. Precast shop drawings for curb boxes and other standard items were priority to get started on the project. On May 10, 2021 the submittals for the Water Quality Units were sent by the contractor for approval. A subsequent follow-up email was sent on January 18, 2022. Due to an abundance of problems on the project and specifically unknown changes around the adjacent box culvert, final approval on these shop drawings were not completed and returned to the contractor until September 9, 2022.

Without approved shop drawings ATS Construction was unable to order these products. Given the extended approval process, the manufacturer would not honor their original quote due to fluctuations in the market of raw materials alongside abnormal increase of inflation. Attached to this letter is the original quote provided in August of 2020 and the final invoice for the three water quality units. Once tax, overhead, and markup were added to the cost adjustment, the overall cost impact ATS Construction endured was **\$21,565.36**. We request payment for this adjustment in materials only. We are not requesting any adjustment in labor for this issue.

Diversion Structures for two of the WQU's – 2 EA @ \$12,067.50 = \$24,135.00

During the procurement stage of the water quality units, it was discovered that details and line items for diversion structures required in the plans were inadvertently left out of the bid documents. These diversion structures can be seen depicted on Plan sheet R-29 (LT Sta 196+00 and LT Sta 196+80). With that said, there are no detail sheets anywhere in the plans that show inverts, sizing of box(s) or manholes, weir wall details, connection details, etc. Further, I could not locate any description or requirements of these diversion structures in the project specifications or bid documents. On October 19, 2022 I sent an email to LFUCG alerting of the omission and lack of instruction to start a conversation regarding these structures (Attached). To expedite the process, ATS Construction drafted 3D Drawings for the proposed diversion structures for LFUCG and CDP Engineering to review and approve for a pour in place method. This allowed for the project to continue working and reach substantial completion by the end of 2022. A cost breakdown on the construction of these structures is attached. The total cost impact for this work was **\$24,135.00**.

Given this information, ATS Construction respectfully submits a total cost impact of \$45,700.36

Below is a list of attachments to this letter for backup purposes.

file: C:\Users\dmurphy\ATS Construction\ATS PM - Grade-Drainage-Concrete - Projects-Field Information\620012_17-2020_LFUCG CLAYS MILL RD IMPROV\Correspondence\Submittals

- Original Material Quote for WQU's
- Final Invoice for WQU's – Breakdown of cost impact posted on this attachment
- Diversion Structure Initial Email
- Cost Breakdown of Diversion Structure Design and Construction

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC



Interstate Construction Products Inc.

PO Box 605

Phone: 606-843-2637

Fax: 606-843-2832

E-mail: jeanniescott@interstate-cp.com

www.interstate-cp.com

Exact quantities, types, and gages could vary and are the sole responsibility of the contractor.

Date: 8/12/2020

To: ATS

County: Fayette

Project: Clays Mill Road Improvements

Section 1

<u>Diameter</u>	<u>Description</u>	<u>Quantity</u>	<u>Cost</u>	<u>Total</u>
<u>Pipe</u>				
12" x 20'	N-12 Smoothwall Plastic Pipe			
15" x 20'	N-12 Smoothwall Plastic Pipe			
18" x 20'	N-12 Smoothwall Plastic Pipe			
24" x 20'	N-12 Smoothwall Plastic Pipe			
30" x 20'	N-12 Smoothwall Plastic Pipe			
36" x 20'	N-12 Smoothwall Plastic Pipe			
30" x 20'	N-12 HP Smoothwall Plastic Pipe			
36" x 20'	N-12 HP Smoothwall Plastic Pipe			
<u>Water Quality Units</u>				
6'	Downstream Defender	1 ea	\$13,608.55 ea	\$13,608.55
4"	First Defense	1 ea	\$8,073.80 ea	\$8,073.80
6'	First Defense	1 ea	\$14,238.75 ea	\$14,238.75

Fuel Surcharge will be added to all deliveries by ICP as follows:

1-50 miles: \$50.00

51-100 miles: \$92.00

100 miles and over: \$130.00 (subject to adjustment)

***Please call our office to schedule delivery (606) 843-2637**

***Once material is produced, or approved, material is non-returnable**

*Add sales tax where applicable.

*ICP will collect taxes in the following states: KY, TN, VA, WVA. All other state sales tax are the sole responsibility of the contractor.

The information listed above is an ESTIMATE only.

Terms: Net 30 Days

Prices quoted firm for 30 days

We appreciate very much the opportunity to present this quotation and hope that we may be able to work with you on this project.

Page 28 of 136

Yours Very Truly

Interstate Construction Products Inc.

Interstate Construction Products, Inc

PO Box 605
London, KY 40743

Invoice

Date	Invoice #
12/13/2022	57716

Bill To
ATS Construction 3009 Atkinson Ave Suite 400 Lexington, KY 40509

Delivery Ticket No.	P.O. No.	Terms	Project	County																																													
		Net 30	Clays Mill	Fayette																																													
Description	Qty	Rate	Amount																																														
6' Downstream Defender	1	20,280.00	20,280.00	T																																													
4' First Defense	1	12,315.00	12,315.00	T																																													
6' First Defense	1	20,280.00	20,280.00	T																																													
<table border="1"> <thead> <tr> <th>Item</th><th>Unit</th><th>Original Quote</th><th>Invoice</th><th>Difference</th></tr> </thead> <tbody> <tr> <td>630</td><td>6' Downstream Defender</td><td>\$ 13,608.55</td><td>\$ 20,280.00</td><td>\$ 6,671.45</td></tr> <tr> <td>640</td><td>4' First Defense</td><td>\$ 8,073.80</td><td>\$ 12,315.00</td><td>\$ 4,241.20</td></tr> <tr> <td>650</td><td>6' First Defense</td><td>\$ 14,238.75</td><td>\$ 20,280.00</td><td>\$ 6,041.25</td></tr> <tr> <td></td><td>Subtotal</td><td></td><td>\$ 16,953.90</td><td></td></tr> <tr> <td></td><td>Tax (6%)</td><td></td><td>\$ 1,017.23</td><td></td></tr> <tr> <td></td><td>Total</td><td></td><td>\$ 17,971.13</td><td></td></tr> <tr> <td></td><td>OHP (20%)</td><td></td><td>\$ 3,594.23</td><td></td></tr> <tr> <td></td><td>Price</td><td></td><td>\$ 21,565.36</td><td></td></tr> </tbody> </table>					Item	Unit	Original Quote	Invoice	Difference	630	6' Downstream Defender	\$ 13,608.55	\$ 20,280.00	\$ 6,671.45	640	4' First Defense	\$ 8,073.80	\$ 12,315.00	\$ 4,241.20	650	6' First Defense	\$ 14,238.75	\$ 20,280.00	\$ 6,041.25		Subtotal		\$ 16,953.90			Tax (6%)		\$ 1,017.23			Total		\$ 17,971.13			OHP (20%)		\$ 3,594.23			Price		\$ 21,565.36	
Item	Unit	Original Quote	Invoice	Difference																																													
630	6' Downstream Defender	\$ 13,608.55	\$ 20,280.00	\$ 6,671.45																																													
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	Tax (6%)		\$ 1,017.23																																														
	Total		\$ 17,971.13																																														
	OHP (20%)		\$ 3,594.23																																														
	Price		\$ 21,565.36																																														

Subtotal	\$52,875.00
Sales Tax (6.0%)	\$3,172.50
Total	\$56,047.50

There will be a \$25.00
returned check fee.

Phone #	Fax #	E-mail	Web Site
606-843-2637	606-843-2832	jeannie@interstate-cp.com	www.interstate-cp.com

Dylan Murphy

From: Dylan Murphy
Sent: Wednesday, October 19, 2022 9:02 AM
To: Mark H. Feibes (mfeibes@lexingtonky.gov)
Cc: Rhodes, Stephen (KYTC-D07); Darrinw@lexingtonky.gov; Withrow, Joshua B (KYTC-D07); Jamie Davis; Bruce Lovins
Subject: CMR - Water quality units

Mark,

I just realized something on the water quality units layout that I wanted to bring to your attention. It appears that both water quality units on the left side of CMR call for diversion structures that were NOT part of the WQU shop drawings and therefore not in production. Looking further into this, there are no detail drawings, dimensions, or typicals on these diversions structures anywhere in the plans other than what's on the plan sheets. With their proximity to the curb and sidewalk, I am also concerned with how these boxes top out to avoid conflict with curb and/or sidewalk. There just isn't enough information to go by to build these structures.

It is my opinion that we have 2 paths to look at solving this problem.

1. Continue building WQU's as approved and LFUCG provide detail drawings on the diversion structures to be built in the field.
 - a. Highly suggest modifying the diversion structure(s) to 1 structure LT STA 196+80
 - b. Side note: if I'm looking at it correctly, the weir wall is drawn incorrectly in the plan view.
2. Scrap the current WQU's in lieu for an inline system that deletes both diversion structures.
 - a. I have called and discussed with manufacturer and they agreed to change gears if necessary and are getting preliminary shop drawings together just in case.

Please review and advise as soon as possible.

Thank you,

Dylan Murphy, PE

Project Engineer

ATS Construction

3009 Atkinson Avenue

Suite 400

Lexington, KY 40509

Work: (859) 543-4536

Cell: (859) 559-1001

DMurphy@atsconstruction.com

Direct Cost Report

Activity Resource	Desc	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
BID ITEM = 40600										
Description =	WQU DIVERSION STRUCTURES		Unit =	EA	Takeoff Quan:		2.000	Engr Quan:		2.000
20.40600.	WQU DIVERSION STRUCTURES		Quan:	2.00 EA	Hrs/Shft:	10.00	Cal: 510	WC: NONE		
<u>3POURH</u>	HAND POUR		30.00 CH	Prod:	3.0000 S	Lab Pcs:	7.50	Eqp Pcs:		**Unreviewed
2CONCLA	CLASS A CONCRETE@1	1.00	10.00 CY	160.000		1,696				1,696
2CONSR	STEEL REINFORCEME@	1.00	200.00 LBS	1.000		212				212
2DHSPCGMHA	G/F MH TY A@106%	1.00	4.00 EA	450.000		1,908				1,908
3ENG	ENGINEERING BOXES	1.00	2.00 EA	1,500.000			3,000			3,000
3FORMS	FORMS	1.00	2.00 EA	200.000			400			400
8LOAD246STW	LOADER CAT 246 ST-W	0.50	15.00 HR	28.670				430		430
8TPKFM	PICKUP TRUCK - FORE	1.00	30.00 HR	30.325				910		910
CARP	CARPENTER	3.00	90.00 MH	27.500	4,756					4,756
LG1	LABORER GROUP 1	3.00	90.00 MH	23.070	4,056					4,056
OG1	OPERATOR GROUP 1	1.50	45.00 MH	33.300	2,747					2,747
\$20,115.48	112.5000 MH/EA		225.00 MH	[3327.39]	11,560	3,816	3,400	1,340		20,115
=====	Item Totals:	40600	- WQU DIVERSION STRUCTURES							
\$20,115.48	112.5000 MH/EA		225.00 MH	[3327.39]	11,560	3,816	3,400	1,340		20,115
10,057.740	2 EA				5,779.84	1,908.00	1,700.00	669.90		10,057.74

\$20,115.48 ***** Report Totals ***** 225.00 MH 11,560 3,816 3,400 1,340 **20,115**

>>> indicates Non Additive Activity

-----Report Notes:-----

The estimate was prepared with TAKEOFF Quantities.

This report shows TAKEOFF Quantities with the resources.

COST: \$20,115.00
OHP (20%): \$4,023.00
TOTAL: \$24,135.00

"Unreviewed" Activities are marked.

Bid Date: Owner: Engineering Firm:

Estimator-In-Charge:

JOB NOTES

* on units of MH indicate average labor unit cost was used rather than base rate.

[] in the Unit Cost Column = Labor Unit Cost Without Labor Burdens

In equipment resources, rent % and EOE % not = 100% are represented as XXX%YYY where XXX=Rent% and YYY=EOE%

-----Calendar Codes-----

410 4 x 10 Hr Week
508 5 x 8 Hr Week
509 5 x 9 Hr week
510 5 x 10 Hr Week (Default Calendar)
511 5 x 11 Hr Week
512 5 x 12 Hr Week
608 6 x 8 Hr Week
609 6 x 9 Hr Week
610 6 x 10 Hr Week
W10 Weekend Work 10 Hr Days



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: June 24, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
1700 Clays Mill Road

During construction near McCubbing Drive, ATS Construction was directed by LFUCG officials to stop all work on the address of 1700 Clays Mill Road due to a dispute with the homeowner. The dispute carried on through the completion of the project and was not completed until May 2023.

By having to come back to this property, ATS Construction experienced additional costs for mobilization and loss of production to regrade this property by itself and protect the permanent work completed around it. ATS Construction respectfully submits the pricing below for the additional grade work.

Cost:	\$ 3,438.00
Overhead:	\$ 343.80
Markup:	<u>\$ 343.80</u>
	\$ 4,125.60

A cost breakdown of the above pricing is attached to this letter.

In addition to the pricing above, ATS Construction also requests to be paid 200 SY of sodding completed on this property at contract unit price.

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
 Project Manager
 ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

file: C:\Users\dmurphy\ATS Construction\ATS PM - Grade-Drainage-Concrete - Projects-Field Information\620012_17-2020_LFUCG CLAYS
 MILL RD IMPROV\Correspondence\Submittals

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
BID ITEM = 40700										
Description =	1700 CMR DRESSING		Unit =	LS	Takeoff Quan:		1.000	Engr Quan:		1.000
50.40700.	1700 CMR DRESSING		Quan:	1.00 LS	Hrs/Shft:	10.00	Cal: 510	WC: NONE		
<u>5FD</u>	FINAL DRESS		10.00 CH	Prod:	1.0000 S	Lab Pcs:	3.00	Eqp Pcs:		**Unreviewed
3MOB	MOBILIZATION OF EQUI	1.00	1.00 LS	500.000		500				500
8LOADSS	SKID STEER LOADER	1.00	10.00 HR	41.750				418		418
8MISCTT	TOOL TRAILER	1.00	10.00 HR	16.900				169		169
8TDTSG	DUMP TRUCK - SINGLE	1.00	10.00 HR	57.100				571		571
8TPKFM	PICKUP TRUCK - FORE	1.00	10.00 HR	30.325				303		303
OG1	OPERATOR GROUP 1	1.00	10.00 MH	33.300	610					610
OG2	OPERATOR GROUP 2	1.00	10.00 MH	30.440	572					572
TD4	TRUCK DRIVER GROUP	1.00	10.00 MH	16.570	295					295
\$3,438.47	30.0000 MH/LS	30.00	MH	[883.41]	1,478	500		1,461		3,438
====> Item Totals: 40700 - 1700 CMR DRESSING										
\$3,438.47	30.0000 MH/LS	30.00	MH	[883.41]	1,478	500		1,461		3,438
3,438.470	1 LS				1,477.72	500.00		1,460.75		3,438.47
\$3,438.47	*** Report Totals ***	30.00	MH		1,478	500		1,461		3,438

>>> indicates Non Additive Activity

-----Report Notes:-----

The estimate was prepared with TAKEOFF Quantities.

This report shows TAKEOFF Quantities with the resources.

"Unreviewed" Activities are marked.

Bid Date: Owner: Engineering Firm:

Estimator-In-Charge:

JOB NOTES

* on units of MH indicate average labor unit cost was used rather than base rate.

[] in the Unit Cost Column = Labor Unit Cost Without Labor Burdens

In equipment resources, rent % and EOE % not = 100% are represented as XXX%YYY where XXX=Rent% and YYY=EOE%

-----Calendar Codes-----

410 4 x 10 Hr Week

508 5 x 8 Hr Week

509 5 x 9 Hr week

510 5 x 10 Hr Week (Default Calendar)

511 5 x 11 Hr Week

512 5 x 12 Hr Week

608 6 x 8 Hr Week

609 6 x 9 Hr Week

610 6 x 10 Hr Week

W10 Weekend Work 10 Hr Days



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: June 24, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
Project Striping Additions.

During construction of the above referenced project, some striping items were added that did not have a line item for payment. ATS Construction respectfully submits the following pricing for payment for these added items. The invoices for the information below have been attached to this letter. Please note that 5% markup has been added to the pricing per the project specifications.

Invoice #	Date	6 Width Dashed Line- White	PM Thermo Only
20-141.21	3/31/2023		2
20-141.22	4/15/2023		1
20-141.24	4/30/2023	24	
	Total QTY	24.00	3.00
	Unit Price	5.50	300.00
	Extension	132.00	900.00
	Markup (5%)	6.60	45.00
	Total Price	138.60	945.00

Should you have any questions, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Central Seal Company

Remit To:

P O Box 490
Danville, KY 40423

Bill To:

ATS Construction
3009 Atkinson Avenue
Suite 400
Lexington, KY 40509

INVOICE

Invoice: 20-141.21**Date:** 03/31/2023**Due Date:** 04/30/2023**Contract ID:** 20-034-141 - Fayette Co-Clays**Description:** Fayette Co-Clays Mill Rd.Sec#1**PO No:****Our Job No:****Period Ending:** 03/31/2023**Customer No:** ATS

LINE #	ITEM CODE	DESCRIPTION OF ITEMS	UNIT	QTY BILLED	UNIT PRICE	TOTAL COST
77	6542	PAVE STRIPE HOT EXTRUSION APPLIED - 6 INCH YELLOW	LF	67.00	1.50	100.50
78	6546	PAVE STRIPE THERMO - 12 INCH WHITE	LF	576.00	10.00	5,760.00
79	6547	PAVE STRIPE THERMO - 12 INCH YELLOW	LF	231.00	10.00	2,310.00
80	6568	PM THERMO STOP BAR 24 LF	LF	48.00	12.00	576.00
81	6574	PM THERMO CURVE ARROW	EACH	14.00	160.00	2,240.00
82	6575	PM THERMO COMBO ARROW	EACH		275.00	
83	6588	PAVE MARKER TYPE IVA - BY TEMP	EACH		5.00	
84	20782NS714	PM THERMO - BIKE SYMBOL	EACH	32.00	225.00	7,200.00
85	6559	PAVEMENT MARKING - TYPE 1 TAPE - SCHOOL	EACH		1,250.00	
CO	6576	PM THERMO ONLY	EACH	2.00	300.00	600.00

Work Performed 3/27, 3/29 & 3/30/2023
Clays Mill Road

Comments:**Terms:** Net 30 Days

Total Work:	18,786.50
Less Retainage:	.00
Total Amount:	18,786.50

Page:

1 of 1



Danville, KY

W/O NUMBER

GROUP NUMBER

JOB NUMBER

CONTRACTOR:

ROAD NUMBER:

ROAD NAME:

Resident:

Inspector:

P O Box 490
Danville, KY 40423
859/236-2367
FAX: 859/236-2373

20-034-141

0

0

ATS Contruction

0

Clays Mill

Mark Feibes

Josh Withrow

DATE: 3/27/2023

DAY #: 32

SCALE: Yes

L1- 23.07

OP1- 33.30

OP2- 30.44

COUNTY: Fayette

BATCH # WHITE

BATCH # YELLOW

Email: mfeibes@lexingtonky.gov (859-227-6319)

Email: joshua.withrow@ky.gov

TIME		DESCRIPTION OF FUNCTION	EMPLOYEES	ITEM DESCRIPTION		ITEM TOTAL
FROM	TO					
			Seths crw	4" Temp Paint White		
				4" Temp Paint Yellow		
				6510	4" Total Temp Paint	-
				4" Perm Paint White		
				4" Perm Paint Yellow		
				0		-
				75	PS Hot Extrusion Applied 4" W	
				76	PS Hot Extrusion Applied 4" Y	
				77	PS Hot Extrusion Applied 6" Y	
				78	PS Thermo 12" W	
				79	PS Thermo 12" Y	231
				80	PM Thermo Stop Bar 24"	
				81	PM Thermo Curve Arrow	12
				82	PM Thermo Combo Arrow	
				83	Pavement Markers Type 1VA BY Temp	
				84	PM Thermo Bike	32
				85	PM Ty 1 Tape "SCHOOL"	
				0	Waterblast Existing Stripe	
				0	Waterblast Thermo	
				0	PM Thermo ONLY	2
				0		-

INSPECTOR:

WEATHER:

TEMPERATURE:

HUMIDITY:

DEW POINT:

BEAKER READING:

ALL WORK ON THIS JOB COMPLETE:

Yes

No

Truck #

of Hours

Small Equipment #

of Hours

Comments:

Thermo Complete:

Yes

No

Central Seal Company

Remit To:

P O Box 490
Danville, KY 40423

Bill To:

ATS Construction
3009 Atkinson Avenue
Suite 400
Lexington, KY 40509

INVOICE

Invoice: 20-141.22**Date:** 04/15/2023**Due Date:** 05/15/2023**Contract ID:** 20-034-141 - Fayette Co-Clays**Description:** Fayette Co-Clays Mill Rd.Sec#1**PO No:****Our Job No:****Period Ending:** 04/15/2023**Customer No:** ATS

LINE #	ITEM CODE	DESCRIPTION OF ITEMS	UNIT	QTY BILLED	UNIT PRICE	TOTAL COST
75	6540	PAVE STRIPE HOT EXTRUSION APPLIED - 4 INCH WHITE	LF	58.00	.65	37.70
76	6541	PAVE STRIPE HOT EXTRUSION APPLIED - 4 INCH YELLOW	LF	20,766.00	.65	13,497.90
77	6542	PAVE STRIPE HOT EXTRUSION APPLIED - 6 INCH YELLOW	LF	21,313.00	1.50	31,969.50
78	6546	PAVE STRIPE THERMO - 12 INCH WHITE	LF	168.00	10.00	1,680.00
79	6547	PAVE STRIPE THERMO - 12 INCH YELLOW	LF		10.00	
80	6568	PM THERMO STOP BAR 24 LF	LF	32.00	12.00	384.00
81	6574	PM THERMO CURVE ARROW	EACH	5.00	160.00	800.00
82	6575	PM THERMO COMBO ARROW	EACH	2.00	275.00	550.00
83	6588	PAVE MARKER TYPE IVA - BY TEMP	EACH		5.00	
84	20782NS714	PM THERMO - BIKE SYMBOL	EACH		225.00	
85	6559	PAVEMENT MARKING - TYPE 1 TAPE - SCHOOL	EACH		1,250.00	
CO	6576	PM THERMO ONLY	EACH	1.00	300.00	300.00

Work Performed 04/04 - 04/14/2023

Comments:**Terms:** Net 30 Days

Total Work:	49,219.10
Less Retainage:	.00
Total Amount:	49,219.10

Page:

1 of 1



P O Box 490
Danville, KY 40423
859/236-2367
FAX: 859/236-2373

DATE: 4/4/2023

DAY #: 35

SCALE: Yes

L1- 23.07

OP1- 33.30

OP2- 30.44

Danville, KY

W/O NUMBER 20-034-141

GROUP NUMBER 0

JOB NUMBER 0

CONTRACTOR: ATS Contruction

COUNTY: Fayette

ROAD NUMBER: 0

BATCH # WHITE

ROAD NAME: Clays Mill

BATCH # YELLOW

Resident: Mark Feibes

Email: mfeibes@lexingtonky.gov (859-227-6319)

Inspector: Josh Withrow

Email: joshua.withrow@ky.gov

TIME		DESCRIPTION OF FUNCTION	EMPLOYEES	ITEM DESCRIPTION	ITEM TOTAL
FROM	TO				
			Seths crw	4" Temp Paint White	
				4" Temp Paint Yellow	
				6510	4" Total Temp Paint
				4" Perm Paint White	
				4" Perm Paint Yellow	
				0	-
				75	PS Hot Extrusion Applied 4" W
				0	PS Hot Extrusion Applied 6" W
				77	PS Hot Extrusion Applied 6" Y
				78	PS Thermo 12" W
				79	PS Thermo 12" Y
				80	PM Thermo Stop Bar 24"
				81	PM Thermo Curve Arrow
				82	PM Thermo Combo Arrow
				83	Pavement Markers Type 1VA BY Temp
				84	PM Thermo Bike
				85	PM Ty 1 Tape "SCHOOL"
				0	Waterblast Existing Stripe
				0	Waterblast Thermo
				0	PM Thermo ONLY
				0	-

INSPECTOR: _____

WEATHER: _____

TEMPERATURE: _____

HUMIDITY: _____

DEW POINT: _____

BEAKER READING: _____

ALL WORK ON THIS JOB COMPLETE: _____

Truck #

of Hours

Small Equipment #

of Hours

Yes

No

Thermo Complete:

Yes

No

Comments:

Central Seal Company

Remit To:

P O Box 490
Danville, KY 40423

Bill To:

ATS Construction
3009 Atkinson Avenue
Suite 400
Lexington, KY 40509

INVOICE

Invoice: 20-141.24**Date:** 04/30/2023**Due Date:** 05/30/2023**Contract ID:** 20-034-141 - Fayette Co-Clays**Description:** Fayette Co-Clays Mill Rd.Sec#1**PO No:****Our Job No:****Period Ending:** 04/30/2023**Customer No:** ATS

LINE #	ITEM CODE	DESCRIPTION OF ITEMS	UNIT	QTY BILLED	UNIT PRICE	TOTAL COST
75	6540	PAVE STRIPE HOT EXTRUSION APPLIED - 4 INCH WHITE	LF		.65	
76	6541	PAVE STRIPE HOT EXTRUSION APPLIED - 4 INCH YELLOW	LF		.65	
77	6542	PAVE STRIPE HOT EXTRUSION APPLIED - 6 INCH YELLOW	LF		1.50	
78	6546	PAVE STRIPE THERMO - 12 INCH WHITE	LF		10.00	
79	6547	PAVE STRIPE THERMO - 12 INCH YELLOW	LF		10.00	
80	6568	PM THERMO STOP BAR 24 LF	LF		12.00	
81	6574	PM THERMO CURVE ARROW	EACH		160.00	
82	6575	PM THERMO COMBO ARROW	EACH		275.00	
83	6588	PAVE MARKER TYPE IVA - BY TEMP	EACH	116.00	5.00	580.00
84	20782NS714	PM THERMO - BIKE SYMBOL	EACH		225.00	
85	6559	PAVEMENT MARKING - TYPE 1 TAPE - SCHOOL	EACH		1,250.00	
CO	6576	PM THERMO ONLY	EACH		300.00	
CO	1012	6 WIDTH DASHED LINE - WHITE	LF	24.00	5.50	132.00

Work Performed on 04/18 & 04/21/2023
Clays Mill

Comments:**Terms:** Net 30 Days

Total Work:	712.00
Less Retainage:	.00
Total Amount:	712.00

Page:

1 of 1



Danville, KY

W/O NUMBER 20-034-141
GROUP NUMBER 0
JOB NUMBER 0

CONTRACTOR: ATS Contruction
ROAD NUMBER: 0
ROAD NAME: Clays Mill

Resident: Mark Feibes
Inspector: Josh Withrow

P O Box 490
Danville, KY 40423
859/236-2367
FAX: 859/236-2373

DATE: 4/21/2023
DAY #: 40
SCALE: Yes
L1- 23.07
OP1- 33.30
OP2- 30.44
COUNTY: Fayette
BATCH # WHITE
BATCH # YELLOW

Email: mfeibes@lexingtonky.gov (859-227-6319)
Email: joshua.withrow@ky.gov

TIME		DESCRIPTION OF FUNCTION	EMPLOYEES	ITEM DESCRIPTION	ITEM TOTAL
FROM	TO				
			Seth Crew	4" Temp Paint White	
				4" Temp Paint Yellow	
				6510 4" Total Temp Paint	-
				4" Perm Paint White	
				4" Perm Paint Yellow	
				0 -	-
				75 PS Hot Extrusion Applied 4" W	
				0 PS Hot Extrusion Applied 6" W	
				77 PS Hot Extrusion Applied 6" Y	
				78 PS Thermo 12" W	
				79 PS Thermo 12" Y	
				80 PM Thermo Stop Bar 24"	
				81 PM Thermo Curve Arrow	
				82 PM Thermo Combo Arrow	
				83 Pavement Markers Type 1VA BY Temp	
				84 PM Thermo Bike	
				85 PM Ty 1 Tape "SCHOOL"	
				0 Waterblast Existing Stripe	
				0 Waterblast Thermo	
				0 PM Thermo ONLY	
				0 Thermo 6" white Dash	24

INSPECTOR:		Truck #	# of Hours	Small Equipment #	# of Hours
WEATHER:					
TEMPERATURE:					
HUMIDITY:					
DEW POINT:					
BEAKER READING:					
ALL WORK ON THIS JOB COMPLETE:					
Yes	No				
		Comments:			
Thermo Complete:					
Yes	No				



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: October 30, 2024

RE: Clays Mill Road Widening
BID NO. 17-2020
Proposed closure of Clays Mill Road from Waco Dr to Pasadena Dr
Revision 2

The purpose of this letter is to revise the supplemental proposal submitted on 6/24/2023 based on the attached signage plan. The quantities below reflect the amount of additional MOT used to detour Northbound traffic around Clays Mill Road from Waco Dr to Pasadena Dr.

Description	QTY	UM	UP	Amount
DETOUR SIGNAGE	9	EA	\$ 150.00	\$ 1,350.00
TYPE 3 BARRICADES	15	EA	\$ 300.00	\$ 4,500.00
CHANGEABLE MESSAGE BOARDS	4	EA	\$3,500.00	\$14,000.00
			Total	\$19,850.00

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Clays Mill Road Waco to Pasadena Northbound Closure

Figure 2



- Barricades - 15 (doubles at NB approaches)
- Signs - 9
- Message Boards - 4


 Void - superseded by
 submittal dated 10/30/24

TO: Mark Feibes, PE
 LFUCG Project Engineer

FROM: Dylan Murphy, PE
 ATS Construction Project Manager

DATE: September 23, 2021 (Resubmitted 6/24/2023)

RE: Clays Mill Road Widening
 BID NO. 17-2020
 Proposed closure of Clays Mill Road from Waco Dr to Pasadena Dr

In a letter dated September 23, 2021 (herein attached) ATS Construction proposed a revised traffic control plan for the section of work on Clays Mill Road from Waco to Pasadena. In this letter, ATS Construction agreed to proceed with the revised plan with the understanding that additional costs would be negotiated later. The intent of this letter is to formally propose the cost impact ATS Construction experienced due to the change in traffic control during this time.

In review of this closure, it appears that this section of closure was very comparable to the full closure completely just prior from Pasadena to Stratford. Both closures were about the same length, had approx. 5 cross streets/intersections and were closed for approx. 2 months. A full closure of this section could be argued to require nearly the exact same signage, barricades, and message boards as the section from Pasadena to Stratford. With that said, this section had an additional challenge of keeping one lane of traffic open on the mainline in the southbound direction. This required additional signage and cone grabbers to delineate the traffic as well as additional labor/equipment to maintain traffic control and access to side streets and entrances.

Given the extreme similarity of roadway for this closure compared to the previous closure, ATS Construction proposes to be paid for the same signage as was approved and paid for in Change Order 01 and further listed below for the section from Pasadena to Stratford. ATS Construction values our relationship with LFUCG and therefore is only requesting payment for the signage. We will accept the cost of the additional cone grabbers and labor/equipment to support the temporary traffic pattern and will not request additional payment for that.

Item	Description	QTY	Unit	Unit Price	Extension
105	DETOUR SIGNAGE	40	EA	150.00	6,000.00
106	TYPE 3 BARRICADES	50	EA	300.00	15,000.00
107	CHANGEABLE MESSAGE BOARDS	4	EA	3,500.00	14,000.00
				Total:	35,000.00

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: September 23, 2021

RE: Clays Mill Road Widening
BID NO. 17-2020

Proposed closure of Clays Mill Road from Waco Dr to Pasadena Dr

ATS Construction would like to offer the following proposal to LFUCG as a change to the Maintenance of Traffic plan in the original bid documents.

The section from Waco Dr to Pasadena goes through a residential area with several driveways and cross streets. Per the original bid documents, the Maintenance of Traffic plan lays out this area in three construction phases. Phase 1 is to construct various temporary pavement widening left of centerline to push traffic over into two lanes (one each direction). Phase 2, which is the current phase, is to construct everything Right of proposed Centerline including all roadside developments. Phase 3 is to switch traffic to newly constructed phase 2 and construct everything left of centerline. Additionally, the Bid documents state that the contractor is to maintain a minimum of two ten-foot travel lanes for traffic. Adding in minimum widths for striping, the absolute minimum allowed width to maintain traffic would be approx. 22 ft.

As discussed in previous conversations, it appears that the plans did not consider the elevation differences and other constraints that hinder the three-phase traffic plan. Some of these constraints, such as utility pole locations, could not be reasonably foreseen by the designer or the contractor until construction commenced. As it currently stands, the contractor cannot construct this corridor and maintain the required width for the traffic. As a worst-case scenario example, the cross section below (Figure 1) is from STA 124+50. As listed, traffic is currently on existing asphalt and temporary widening with approx. 24 ft of width. To match that width and allow for a 1 ft safety buffer on each side, 24 ft width (from edge of gutter) was used for phase 2 construction analysis. As you can see, to construct 24' width right of centerline, we would actually need to excavate right up to the existing edge of the northbound travel lane (approx. 5 ft LT of CL). While this may be physically possible, we would have a 3 ft dropoff just outside the northbound travel lane and no room for a barrier wall. Further expansion on the diversion is also not possible in this

area as there is a utility pole that already had guardrail put up around it to protect cars from hitting it. Therefore, some sort of safety wedge would have to be put in between the construction and the traffic. Due to the length of the project and some of the depths, a daily safety wedge would not be possible. Because of the items listed above and the need for a safety wedge, construction would have to impede on the Northbound traffic to build enough width to move traffic onto the newly constructed pavement.

Figure 1



PROPOSED PLAN

To mitigate this issue, ATS Construction proposes to add an additional phase in which the Northbound Traffic is closed on Clays Mill Road and Detoured around using Stone Road as depicted in Figure 2 below. Construction would be built in such a way that the Northbound lane would only be detoured for approx. 10 business days or less.

Figure 2



In general, the sequence of work would be as follows.

1. Keep Traffic as is and Excavate red area (Figure 1).
2. Build Curb, DGA, 2 layers of asphalt base approx. 19' wide and sidewalk
3. Once Sidewalk is completed, close the Northbound lane of Clays Mill Road and put traffic on detour in Figure 2
4. Excavate and construct Blue area (Figure 1) through second asphalt base layer
5. Simultaneously, backfill Curb and Sidewalk and all remaining finish work behind curb.
6. Pave final Asphalt Base Layer, place Temporary Striping, and switch traffic.

Figure 3 below shows a detailed schedule of this work. This schedule assumes no weather delays and a start date of Monday, September 27, 2021. With this schedule, the Northbound lane closure would be from October 28 thru November 10 and having traffic back on new pavement before the Thanksgiving Holiday

Construction would then begin on Phase 3 LT of CL Given the late start to this phase, it is unclear as to the completion of the phase 3 side since weather becomes unpredictable and temperature could fall below specified requirements.

Figure 3

		Task Mode ▾	Task Name ▾	Duration ▾	Start ▾	Finish ▾	Predecessors
1			RT EXCAVATION AND ROADSIDE DEVL (RED AREA)	32 days	Mon 9/27/21	Tue 11/9/21	
2			MILLING EXISTING ROADWAY	2 days	Mon 9/27/21	Tue 9/28/21	
3			ROADWAY EXCAVATION	10 days	Wed 9/29/21	Tue 10/12/21	2
4			BLUETOP	5 days	Thu 10/7/21	Wed 10/13/21	3SS+6 days
5			INSTALL BOX TOPS/POUR APRONS (15 EA)	5 days	Wed 10/6/21	Tue 10/12/21	3SS+5 days
6			DGA BASE (1760 TON)	3 days	Thu 10/14/21	Mon 10/18/21	5,4
7			STANDARD CURB AND GUTTER (2310 LF)	2 days	Tue 10/19/21	Wed 10/20/21	6
8			ENTRANCE 6" INCH CONCRETE 16 EA (587 SY)	7 days	Thu 10/28/21	Fri 11/5/21	9SS+1 day
9			SIDEWALK 4.5 INCH CONCRETE (1228 SY)	3 days	Wed 10/27/21	Fri 10/29/21	11
10			FINAL DRESS CURB/SIDEWALK	2 days	Mon 11/1/21	Tue 11/2/21	9
11			ASPHALT BASE (1537 TON)-2 LIFTS @ ~19' WIDE + PASADENA TURN LANE	3 days	Fri 10/22/21	Tue 10/26/21	7FS+1 day
12			WOOD PLANK FENCE (145 LF)	1 day	Wed 11/3/21	Wed 11/3/21	10
13			SODDING (2477 SY)	4 days	Thu 11/4/21	Tue 11/9/21	12
14			CLOSE CLAYS MILL RD NB LANE (WACO TO PASADENA)	0 days	Wed 10/27/21	Wed 10/27/21	11FS+1 day
15			ROAD CLOSURE-CMR NB LANE (BLUE AREA)	10 days	Thu 10/28/21	Wed 11/10/21	
16			MILL NB LANE OF CLAYS MILL	1 day	Thu 10/28/21	Thu 10/28/21	14
17			ROADWAY EXCAVATION/SAFETY WEDGE	3 days	Fri 10/29/21	Tue 11/2/21	16
18			BLUETOP	2 days	Mon 11/1/21	Tue 11/2/21	17SS+1 day
19			DGA BASE (590 TON)	3 days	Wed 11/3/21	Fri 11/5/21	18
20			ASPHALT BASE (1638 TON)- 2 LIFTS @ 6' WIDE+FINAL LIFT FULL WIDTH	2 days	Mon 11/8/21	Tue 11/9/21	19
21			TEMPORARY STRIPING/SIGNAGE	1 day	Wed 11/10/21	Wed 11/10/21	20
22			SWAP TRAFFIC (NEW BASE RT OF CL)	0 days	Wed 11/10/21	Wed 11/10/21	21

LOCAL ACCESS

It is understood that access to all Cross Streets and residential driveways must be maintained throughout the construction. ATS will ensure that this occurs per the specifications and contract documents.

EXTRA WORK

Previously, ATS Construction had presented the idea of closing the Northbound Lane immediately and constructing the Red and Blue sections simultaneously (Figure 1). This plan would have kept the construction in three phases, however, would have created another lengthy closure shortly after the summer closure between Pasadena and Stratford. Understandably, LFUCG rejected that plan. After meeting on site and considering all angles, ATS came up with this plan to fit the needs as best as possible of all parties.

With that said, I think it is important that the team can agree that this does change the scope of work by adding a phase to the construction and ATS endures additional costs. ATS does not currently have a proposed value of what that cost would be or the delayed amount of time, however, is dedicated to proceeding with the work as laid out in this letter. We understand the importance of this corridor to the public and to LFUCG and are committed to constructing the best product in hard circumstances and minimize public delays. With approval of this conceptual plan ATS will go to work with the understanding that any potential cost and/or time adjustments will be negotiated later.

Please review this proposal at your earliest convenience and let me know if you have any questions at all. We look forward to a response and getting to work.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: December 2, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
Sanitary Laterals/Cleanouts near Lane Allen

ATS Construction respectfully submits the following supplemental pricing for additional work completed during the construction of the Clays Mill Road project. A cost breakdown of the below information is attached to this letter.

Extra Work Description:

The Original Contract Documents only had provisions for DIP Sewer laterals paid by the LF. These were revised to PVC laterals and added a two-way cleanout at each lateral. Submitting pricing based on EA lateral connection to include pipe, connection, and cleanouts.

Pricing:

10 EA @ \$1,495.00/EA = \$14,950.00

Cost:	\$ 13,000.00
Markup (15%)	\$ 1,950.00
Total:	\$ 14,950.00

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
BID ITEM = 510033										
Description =	SAN LATERALS/CLEANOUTS-LANE ALLEN		Unit =	EA	Takeoff Quan:		10.000	Engr Quan:		10.000
50.10033.	SAN LATERALS/CLEANOUTS-LANE ALLEN		Quan:	10.00 EA	Hrs/Shft:	10.00	Cal: 510	WC: NONE		
[[Crew Notes:										**Unreviewed
]]										
<u>2PIPE</u>	PIPE CREW		15.00 CH	Prod:	1.5000 HU	Lab Pcs:	4.50	Eqp Pcs:	4.50	
2DPCO	CLEANOUT FITTING @1	1.00	10.00 EA	295.000		3,127				3,127
2DPSEW6	SEWER PIPE-6 IN@106%	1.00	280.00 LF	6.000		1,781				1,781
3MSUP	MISCELLANEOUS SUPP	1.00	1.00 LS	17.310			17			17
8HOE325PIPE	HOE 325 - PIPE CREW	1.00	15.00 HR	102.800				1,542		1,542
8LOADIT28	LOADER CAT IT28	0.50	7.50 HR	50.550				379		379
8MISCTT	TOOL TRAILER	1.00	15.00 HR	16.900				254		254
8TDTRENT	DUMP TRUCK - RENT	1.00	15.00 HR	119.600				1,794		1,794
8TPKFM	PICKUP TRUCK - FORE	1.00	15.00 HR	30.325				455		455
LG2	LABORER GROUP 2	2.00	30.00 MH	23.320	1,362					1,362
OG1	OPERATOR GROUP 1	2.50	37.50 MH	33.300	2,289					2,289
\$12,999.98	6.7500 MH/EA		67.50 MH	[214.319]	3,651	4,908	17	4,423		13,000
=====>	Item Totals:	510033	- SAN LATERALS/CLEANOUTS-LANE ALLEN							
\$12,999.98	6.7500 MH/EA		67.50 MH	[214.319]	3,651	4,908	17	4,423		13,000
1,299.998	10 EA				365.14	490.78	1.73	442.35		1,300.00



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: December 2, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
Tie to Existing Manhole LT Sta 184+25

ATS Construction respectfully submits the following supplemental pricing for additional work completed during the construction of the Clays Mill Road project. A cost breakdown of the below information is attached to this letter.

Extra Work Description:

Sanitary plans were changed from the original design. This change forced the contractor to tie to an existing sanitary manhole at Mitchell Ave. The existing manhole at Mitchell Ave also had to be adjusted to match the revised finished grade.

Pricing:

Cost:	\$ 4,500.00
Markup (15%)	\$ 675.00
Total:	\$ 5,175.00

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
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BID ITEM = 510035

Description = TIE TO EXIST MH LT STA 184+25 Unit = EA Takeoff Quan: 1.000 Engr Quan: 1.000

50.10035. TIE TO EXIST MH LT STA 184+25 Quan: 1.00 EA Hrs/Shft: 10.00 Cal: 510 WC: NONE

**Unreviewed

[[Crew Notes:
]]

<u>2PIPE</u>	PIPE CREW		6.00	CH	Prod:	0.6000	S	Lab Pcs:	4.50	Eqp Pcs:	5.00
3MSUP	MISCELLANEOUS SUPP	1.00	1.00	LS	911.250			911			911
8HOE325PIPE	HOE 325 - PIPE CREW	1.00	6.00	HR	102.800				617		617
8LOADIT28	LOADER CAT IT28	0.50	3.00	HR	50.550				152		152
8MISCTT	TOOL TRAILER	1.00	6.00	HR	16.900				101		101
8TDTRENT	DUMP TRUCK - RENT	1.50	9.00	HR	119.600				1,076		1,076
8TPKFM	PICKUP TRUCK - FORE	1.00	6.00	HR	30.325				182		182
LG2	LABORER GROUP 2	2.00	12.00	MH	23.320	545					545
OG1	OPERATOR GROUP 1	2.50	15.00	MH	33.300	916					916
\$4,500.00	27.0000 MH/EA		27.00	MH	[857.27]	1,461		911	2,128		4,500

=====> Item Totals: 510035 - TIE TO EXIST MH LT STA 184+25

\$4,500.00	27.0000 MH/EA		27.00	MH	[857.27]	1,461		911	2,128		4,500
4,500.000	1 EA					1,460.55		911.25	2,128.20		4,500.00



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: December 2, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
Rework San Manhole C1 to Match Exist

ATS Construction respectfully submits the following supplemental pricing for additional work completed during the construction of the Clays Mill Road project. A cost breakdown of the below information is attached to this letter.

Extra Work Description:

Precast was built per the EOR Approved Shop Drawing. Existing Condition under the intersection turned out to be different than planned. LFUCG stated that the crossing road had to be opened back up so we were instructed to modify the manhole we had and make it fit.

Pricing:

Cost:	\$ 3,100.00
Markup (15%)	\$ 465.00
Total:	\$ 3,565.00

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
BID ITEM	= 510039									
Description =	REWORK SAN MH C1 TO MATCH EXIST	Unit =	EA	Takeoff Quan:	1.000	Engr Quan:	1.000			
50.10039.	REWORK SAN MH C1 TO MATCH EXIST	Quan:	1.00 EA	Hrs/Shft:	10.00	Cal:	510	WC:	NONE	
										**Unreviewed
[[Crew Notes:]]										
<u>2PIPE</u>	PIPE CREW	6.50	CH	Prod:	0.6500 S	Lab Pcs:	5.00	Eqp Pcs:	3.00	
3MSUP	MISCELLANEOUS SUPP	1.00	LS	785.460		785				785
8LOADIT28	LOADER CAT IT28	1.00	HR	50.550				329		329
8MISCTT	TOOL TRAILER	1.00	HR	16.900				110		110
8TPKFM	PICKUP TRUCK - FORE	1.00	HR	30.325				197		197
LG2	LABORER GROUP 2	3.00	MH	23.320	885					885
OG1	OPERATOR GROUP 1	2.00	MH	33.300	794					794
\$3,099.98	32.5000 MH/EA	32.50	MH	[976.4]	1,679	785		636		3,100
====>	Item Totals:	510039	- REWORK SAN MH C1 TO MATCH EXIST							
\$3,099.98	32.5000 MH/EA	32.50	MH	[976.4]	1,679	785		636		3,100
3,099.980	1 EA				1,679.00	785.46		635.52		3,099.98



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: December 2, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
PREMIUM FOR CURB BOX INLET TY A DUE TO SANITARY DELAY AT CULVERT

In February 2022, ATS Crews moved pipe crews to the existing box culvert located at STA 196+00 to start laying the trunk storm sewer pipe (LT of centerline) back towards Lane Allen to connect the storm sewer. Upon starting to dig the trench, ATS quickly found the existing Sanitary sewer (running adjacent to the proposed storm) was in direct conflict with the storm sewer construction. After discussing with LFUCG it became apparent that this conflict required a full redesign of the sanitary sewer in this area.

Due to this delay, ATS had to jump on a future phase to keep the project moving. The area jump to was located RT of CL from Stratford Ave to Mitchell Ave. Precast had not been approved or built for this area yet, therefore ATS had to retrofit pipe wells already built or pour the wells in place. These curb box inlets were paid at contract unit price. ATS is requesting a premium of \$1,000/Box to retrofit the boxes.

17 EA Modified Boxes @ \$1000/Box = \$17,000

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: December 2, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
Sanitary MH C6 Outlet Realignment

ATS Construction respectfully submits the following supplemental pricing for additional work completed during the construction of the Clays Mill Road project. A cost breakdown of the below information is attached to this letter.

Extra Work Description:

Per the revised sanitary sewer plan, manhole C6 was supposed to tie to C5 with a short connection. Existing elevations of the PVC Lateral were lower than the proposed C5 and trunk line. Modifications were made to C6 to run the outlet line adjacent to the storm sewer and tie to the existing Sanitary Manhole Lt Sta 188+05. The Lateral from C5 was capped off.

Pricing:

Cost:	\$ 7,500.00
Markup (15%)	\$ 1,125.00
Total:	\$ 8,625.00

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
BID ITEM	= 510045									
Description =	SAN MH C6 REALIGN		Unit =	LS	Takeoff Quan:		1.000	Engr Quan:		1.000
50.10045.	SAN MH C6 REALIGN		Quan:	1.00 LS	Hrs/Shft:	10.00	Cal: 510	WC: NONE		
										**Unreviewed
[[Crew Notes:]]										
<u>2PIPE</u>	PIPE CREW		9.50 CH	Prod:	0.9500 S	Lab Pcs:	4.50	Eqp Pcs:	5.00	
3MSUP	MISCELLANEOUS SUPP	1.00	1.00 LS	1,817.810		1,818				1,818
8HOE325PIPE	HOE 325 - PIPE CREW	1.00	9.50 HR	102.800				977		977
8LOADIT28	LOADER CAT IT28	0.50	4.75 HR	50.550				240		240
8MISCTT	TOOL TRAILER	1.00	9.50 HR	16.900				161		161
8TDTRENT	DUMP TRUCK - RENT	1.50	14.25 HR	119.600				1,704		1,704
8TPKFM	PICKUP TRUCK - FORE	1.00	9.50 HR	30.325				288		288
LG2	LABORER GROUP 2	2.00	19.00 MH	23.320	863					863
OG1	OPERATOR GROUP 1	2.50	23.75 MH	33.300	1,450					1,450
\$7,499.99	42.7500 MH/LS		42.75 MH	[1357.35]	2,313		1,818	3,370		7,500
=====>	Item Totals:	510045	- SAN MH C6 REALIGN							
\$7,499.99	42.7500 MH/LS		42.75 MH	[1357.35]	2,313		1,818	3,370		7,500
7,499.990	1 LS				2,312.54		1,817.81	3,369.64		7,499.99



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: December 2, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
Existing Sanitary Sewer Conflict- LT Sta 205+70

ATS Construction respectfully submits the following supplemental pricing for additional work completed during the construction of the Clays Mill Road project. A cost breakdown of the below information is attached to this letter.

Extra Work Description:

While installing the proposed storm sewer LT of CL near Woodbine Drive, the existing Sanitary Sewer lateral from the FCPS Trade school was found to be in direct conflict. Approx 70 LF of sanitary sewer was lowered and a two-way clean-out was added for future maintenance. A portion of this pipe was under existing pavement.

Pricing:

Cost:	\$ 6,087.00
Markup (15%)	\$ 913.00
Total:	\$ 7,000.00

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
----------------------	------	-----------------	--------------	--------------	-------	------------------	--------------------	---------------	------------------	-------

BID ITEM = 510058

Description = EX SAN SEWER CONFLICT-LT STA 205+70 Unit = LS Takeoff Quan: 1.000 Engr Quan: 1.000

50.10058. EX SAN SEWER CONFLICT-LT STA 205+70 Quan: 1.00 LS Hrs/Shft: 10.00 Cal: 510 WC: NONE

**Unreviewed

[[Crew Notes:

]]

<u>2PIPE</u>	PIPE CREW		8.00	CH	Prod:	0.8000	S	Lab Pcs:	4.50	Eqp Pcs:	5.00
3MSUP	MISCELLANEOUS SUPP	1.00	1.00	LS		1,302.010		1,302			1,302
8HOE325PIPE	HOE 325 - PIPE CREW	1.00	8.00	HR		102.800			822		822
8LOADIT28	LOADER CAT IT28	0.50	4.00	HR		50.550			202		202
8MISCTT	TOOL TRAILER	1.00	8.00	HR		16.900			135		135
8TDTRENT	DUMP TRUCK - RENT	1.50	12.00	HR		119.600			1,435		1,435
8TPKFM	PICKUP TRUCK - FORE	1.00	8.00	HR		30.325			243		243
LG2	LABORER GROUP 2	2.00	16.00	MH		23.320	726				726
OG1	OPERATOR GROUP 1	2.50	20.00	MH		33.300	1,221				1,221
\$6,087.00	36.0000 MH/LS		36.00	MH	[1143.03]	1,947		1,302	2,838		6,087

=====> Item Totals: 510058 - EX SAN SEWER CONFLICT-LT STA 205+70

\$6,087.00	36.0000 MH/LS		36.00	MH	[1143.03]	1,947		1,302	2,838		6,087
6,087.000	1 LS					1,947.39		1,302.01	2,837.60		6,087.00



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: December 2, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
Box Culvert Impact Chagnes

ATS Construction submits the following supplemental pricing for work to construct Gabion basket retaining walls as shown in the sketch provided on November 21, 2022 via email. This pricing also includes filling in voids on either side of the culvert with Class II Channel Lining and grout. This work also includes black vinyl fencing installed per the drawing provided by LFUCG.

Description	Qty	UM	Unit Cost	OHP	Unit Price	Extension
GABION BASKET RET WALL	216	CY	\$ 204.37	15%	\$ 235.03	\$50,766.48
CONCRETE CAP ON GABION WALL 2	16	SY	\$ 382.89	15%	\$ 440.32	\$ 7,045.12
CHANNEL LINING CLASS II W/ GROUT	30	CY	\$ 110.94	15%	\$ 127.58	\$ 3,827.40
BLACK VINYL FENCING (SUB)	1	LS	\$11,859.55	5%	\$12,452.53	\$12,452.53
					Total:	\$74,091.53

Backup for the costs above is attached to this letter.

Notes:

1. NO 57 Stone backfill is to be placed behind the gabion walls at contract unit price.

Please contact me with any questions that you may have.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

file: C:\Users\dmurphy\ATS Construction\ATS PM - Grade-Drainage-Concrete - Projects-Field Information\620012_17-2020_LFUCG CLAYS
MILL RD IMPROV\Correspondence\Submittals

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
BID ITEM	=	31010								
Description =	GABION RETAINING WALL	Unit =	CY	Takeoff Quan:	216.000	Engr Quan:	216.000			
50.31010.	GABION BASKET RETAINING WALLS	Quan:	216.00 CY	Hrs/Shft:	10.00	Cal:	510	WC:	NONE	
<u>2PIPE</u>	PIPE CREW	60.00	CH	Prod:	6.0000 S	Lab Pcs:	6.00	Eqp Pcs:	4.00	**Unreviewed
	CLASS A CONCRETE@1	1.00	3.00 CY	160.000		509			509	
	GABION BASKETS@106	1.00	18.00 EA	250.000		4,770			4,770	
	CHANNEL LINING CL@1	1.00	250.00 TON	25.000		6,625			6,625	
	HOE 325 - PIPE CREW	1.00	60.00 HR	102.800				6,168	6,168	
	LOADER CAT 930	1.00	60.00 HR	52.340				3,140	3,140	
	TOOL TRAILER	1.00	60.00 HR	16.900				1,014	1,014	
	PICKUP TRUCK - FORE	1.00	60.00 HR	30.325				1,820	1,820	
	LABORER GROUP 2	2.00	120.00 MH	23.320	5,449				5,449	
	OPERATOR GROUP 1	4.00	240.00 MH	33.300	14,651				14,651	
\$44,145.33	1.6666 MH/CY	360.00	MH	[54.951]	20,100	11,904		12,142	44,145	
=====>	Item Totals:	31010	- GABION RETAINING WALL							
\$44,145.33	1.6666 MH/CY	360.00	MH	[54.951]	20,100	11,904		12,142	44,145	
204.377	216 CY				93.05	55.11		56.21	204.38	

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
BID ITEM	=	31015								
Description =	CONCRETE CAP ON GABION WALL 2	Unit =	SY	Takeoff Quan:	16.000	Engr Quan:	16.000			
30.31015.	CONCRETE CAP ON GABION WALL 2	Quan:	16.00 SY	Hrs/Shft:	10.00	Cal: 510	WC: NONE			
<u>3POURH</u>	HAND POUR	10.00	CH	Prod:	1.0000 S	Lab Pcs:	7.50	Eqp Pcs:	1.50	**Unreviewed
	CLASS A CONCRETE@1	1.00	8.00 CY	160.000		1,357			1,357	
	WIRE MESH@106%	1.00	16.00 SY	10.000		170			170	
	MISCELLANEOUS SUPP	1.00	1.00 LS	300.000			300		300	
	LOADER CAT 246 ST-W	0.50	5.00 HR	28.670				143	143	
	PICKUP TRUCK - FORE	1.00	10.00 HR	30.325				303	303	
	CARPENTER	3.00	30.00 MH	27.500	1,585				1,585	
	LABORER GROUP 1	3.00	30.00 MH	23.070	1,352				1,352	
	OPERATOR GROUP 1	1.50	15.00 MH	33.300	916				916	
\$6,126.23	4.6875 MH/SY	75.00	MH	[138.641]	3,853	1,526	300	447	6,126	
====>	Item Totals:	31015	- CONCRETE CAP ON GABION WALL 2							
\$6,126.23	4.6875 MH/SY	75.00	MH	[138.641]	3,853	1,526	300	447	6,126	
382.889	16 SY				240.83	95.40	18.75	27.91	382.89	

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
BID ITEM	=	31020								
Description =	CHANNEL LINING WITH GROUT		Unit =	TON	Takeoff Quan:		30.000	Engr Quan:		30.000
50.02483.	CHANNEL LINING CLASS II		Quan:	30.00 CY	Hrs/Shft:	10.00	Cal: 510	WC: NONE		
5CL	CHANNEL LINING		7.50	CH	Prod:	0.7500 S	Lab Pcs:	3.00	Eqp Pcs:	**Unreviewed
	GROUT@106%	1.00	2.00 CY		160.000		339			339
	CHANNEL LINING CL@1	1.00	30.00 TON		25.000		795			795
	HOE 325	1.00	7.50 HR		87.525			656		656
	LOADER CAT 930	1.00	7.50 HR		52.340			393		393
	PICKUP TRUCK - FORE	1.00	7.50 HR		30.325			227		227
	OPERATOR GROUP 1	3.00	22.50 MH		33.300	1,374				1,374
\$3,784.14	0.7500 MH/CY		22.50 MH		[27.473]	1,374	1,134	1,276		3,784
====>	Item Totals:	31020	- CHANNEL LINING WITH GROUT							
\$3,784.14	0.7500 MH/TON		22.50 MH		[27.473]	1,374	1,134	1,276		3,784
126.138	30 TON					45.78	37.81	42.55		126.14

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
\$54,055.70	*** Report Totals ***	457.50	MH		25,326	14,564	300	13,865		54,056

>>> indicates Non Additive Activity

-----Report Notes:-----

The estimate was prepared with TAKEOFF Quantities.

This report shows TAKEOFF Quantities with the resources.

"Unreviewed" Activities are marked.

Bid Date: Owner: Engineering Firm:

Estimator-In-Charge:

* on units of MH indicate average labor unit cost was used rather than base rate.

[] in the Unit Cost Column = Labor Unit Cost Without Labor Burdens

In equipment resources, rent % and EOE % not = 100% are represented as XXX%YYY where XXX=Rent% and YYY=EOE%

-----Calendar Codes-----

410	4 x 10 Hr Week
508	5 x 8 Hr Week
509	5 x 9 Hr week
510	5 x 10 Hr Week (Default Calendar)
511	5 x 11 Hr Week
512	5 x 12 Hr Week
608	6 x 8 Hr Week
609	6 x 9 Hr Week
610	6 x 10 Hr Week
W10	Weekend Work 10 Hr Days

RIO GRANDE - LEXINGTON

137 S Forbes Rd.
Lexington, KY 40511-2025
USA

QUOTATION

Quote Number: 30982
Quote Date: Jul 5, 2023
Page: 1

Mitch Babb
Cell Phone: (859) 263-7944 ext. 206
Email:

Voice: 859 263-7944
Fax: 859-818-0312

Quoted To:

ATS
3009 ATKINSON AVE
SUITE 400
LEXINGTON, KY 40509

Ship To:

ATS
Clays Mill Headwalls
LEXINGTON, KY

Customer ID	Good Thru	Payment Terms	Sales Rep
ATS2237001	7/14/23	Net 7 Days	BEAUGASTINEAU

Quantity	Item	Description	Unit Price	Amount
		Dylan Murphy - 8595591001 - dmurphy@atsconstruction.com		
		.		
520.00	KY105165-64	CHAINLINK MATERIALS SQ FT	5.31	2,761.20
520.00	KY105165-58	BLACK VINYLE PER SQ MATERIALS ADD	2.65	1,378.00
72.00	KY105165-65	END POST MATERIAL PER FT FOR OVERALL LENGTH	26.30	1,893.60
72.00	KY105165-59	BLACK VINYLE END POST/CORNER-ADD GALV PRICE	8.85	637.20
20.00	KY105165-16	ROCK DRILLED FOR 2" - 3" POSTS	45.00	900.00
41.00	KY105165-27	INSTALLATION RATE. LABOR & TRAVEL. PER MAN PER HOUR.	88.25	3,618.25
		.		
			Subtotal	11,188.25
			Sales Tax	671.30
			Freight	
			TOTAL	11,859.55



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: December 2, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
Concrete Parking Pads RT 194+70 and RT 195+40 (8 IN)

ATS Construction respectfully submits the following supplemental pricing for additional work completed during the construction of the Clays Mill Road project. A cost breakdown of the below information is attached to this letter.

Extra Work Description:

At the request of LFUCG, a residential parking pad was added RT Sta 194+70 (80 SY) and at RT Sta 195+40 (40 SY). The requested depth was 8 IN of concrete.

Pricing:

Cost:	\$ 12,520.00
Markup (15%)	\$ 1,880.00
Total:	\$ 14,400.00

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Direct Cost Report

Activity Resource	Desc	Pcs	Quantity Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
BID ITEM = 510077										
Description =	CONCRETE PARKING PAD RT 194+78 AND RT 19		Unit =	SY	Takeoff Quan:		120.000	Engr Quan:		120.000
50.10077.	CONCRETE PARKING PAD RT 194+78 AND RT 19	Quan:	120.00 SY	Hrs/Shft:	10.00	Cal: 510	WC: NONE			
										**Unreviewed
<u>3POURH</u>	HAND POUR		20.00 CH	Prod:	2.0000 S	Lab Pcs:	7.50	Eqp Pcs:	1.50	
2CONCLA	CLASS A CONCRETE@1	1.00	25.00 CY	145.000		3,843			3,843	
3MSUP	MISCELLANEOUS SUPP	1.00	1.00 LS	77.850			78		78	
8LOAD246STW	LOADER CAT 246 ST-W	0.50	10.00 HR	28.670				287	287	
8TPKFM	PICKUP TRUCK - FORE	1.00	20.00 HR	30.325				607	607	
CARP	CARPENTER	3.00	60.00 MH	27.500	3,171				3,171	
LG1	LABORER GROUP 1	3.00	60.00 MH	23.070	2,704				2,704	
OG1	OPERATOR GROUP 1	1.50	30.00 MH	33.300	1,831				1,831	
\$12,520.00	1.2500 MH/SY		150.00 MH	[36.971]	7,706	3,843	78	893		12,520
=====>	Item Totals:	510077	- CONCRETE PARKING PAD RT 194+78 AND RT 19							
\$12,520.00	1.2500 MH/SY		150.00 MH	[36.971]	7,706	3,843	78	893		12,520
104.333	120 SY				64.22	32.02	0.65	7.44		104.33



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: December 2, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
Lane Allen Northeast Handicap Ramp Modifications

ATS Construction respectfully submits the following supplemental pricing for additional work completed during the construction of the Clays Mill Road project. A cost breakdown of the below information is attached to this letter.

Extra Work Description:

LFUCG requested modifications to the handicap ramps on the Northwest corner of the Lane Allen/CMR Intersection while the road was closed.

Pricing:

Cost:	\$ 5,500.00
Markup (15%)	\$ 825.00
Total:	\$ 6,325.00

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Direct Cost Report

Activity	Desc	Quantity	Unit	Unit	Labor	Perm	Constr	Equip	Sub-	
Resource		Pcs		Cost		Material	Matl/Exp	Ment	Contract	Total
BID ITEM = 510079										
Description =	LANE ALLEN NORTHWEST HANDICAP RAMP MODS Unit =			LS	Takeoff Quan:		1.000	Engr Quan:		1.000
50.10079.	LANE ALLEN NORTHWEST HANDICAP RAMP M			Quan:	1.00 LS	Hrs/Shft:	10.00	Cal:	510	WC: NONE
<u>3POURH</u>	HAND POUR		8.50	CH	Prod:	0.8500 S	Lab Pcs:	7.50	Eqp Pcs:	**Unreviewed
2CONCLA	CLASS A CONCRETE@1	1.00	3.00	CY	185.000	588				2.50
3MSUP	MISCELLANEOUS SUPP	1.00	1.00	LS	240.240		240			588
8LOAD246STW	LOADER CAT 246 ST-W	0.50	4.25	HR	28.670					240
8TDTRENT	DUMP TRUCK - RENT	1.00	8.50	HR	119.600				122	122
8TPKFM	PICKUP TRUCK - FORE	1.00	8.50	HR	30.325				1,017	1,017
CARP	CARPENTER	3.00	25.50	MH	27.500	1,348			258	258
LG1	LABORER GROUP 1	3.00	25.50	MH	23.070	1,149				1,348
OG1	OPERATOR GROUP 1	1.50	12.75	MH	33.300	778				1,149
\$5,499.98	63.7500 MH/LS		63.75	MH	[1885.52]	3,275	588	240	1,396	778
====>	Item Totals:	510079	- LANE ALLEN NORTHWEST HANDICAP RAMP MODS							
\$5,499.98	63.7500 MH/LS		63.75	MH	[1885.52]	3,275	588	240	1,396	5,500
5,499.980	1 LS					3,275.25	588.30	240.24	1,396.19	5,499.98



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: December 2, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
Header Curb RT Sta 198+00

ATS Construction respectfully submits the following supplemental pricing for additional work completed during the construction of the Clays Mill Road project. A cost breakdown of the below information is attached to this letter.

Extra Work Description:

LFUCG Direct ATS Construction to add header curb was added in the church parking lot on the backside of the sidewalk and at the bottom of the parking lot to assist with drainage. A total of 90LF of header curb was added.

Pricing:

Cost:	\$ 2,450.00
Markup (15%)	\$ 367.50
Total:	\$ 2,817.50

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
BID ITEM = 510084										
Description =	HEADER CURB RT 198+00		Unit =	LF	Takeoff Quan:		90.000	Engr Quan:		90.000
50.10084.	HEADER CURB RT 198+00		Quan:	90.00 LF	Hrs/Shft:	10.00	Cal: 510	WC: NONE		
										**Unreviewed
<u>3POURH</u>	HAND POUR		5.00 CH	Prod:	0.5000 S		Lab Pcs:	7.50	Eqp Pcs:	1.50
2CONCLA	CLASS A CONCRETE@1	1.00	1.00 CY	200.000		212				212
3MSUP	MISCELLANEOUS SUPP	1.00	1.00 LS	88.060			88			88
8LOAD246STW	LOADER CAT 246 ST-W	0.50	2.50 HR	28.670				72		72
8TPKFM	PICKUP TRUCK - FORE	1.00	5.00 HR	30.325				152		152
CARP	CARPENTER	3.00	15.00 MH	27.500	793					793
LG1	LABORER GROUP 1	3.00	15.00 MH	23.070	676					676
OG1	OPERATOR GROUP 1	1.50	7.50 MH	33.300	458					458
\$2,449.98	0.4166 MH/LF		37.50 MH	[12.324]	1,927	212	88	223		2,450
=====>	Item Totals:	510084	- HEADER CURB RT 198+00							
\$2,449.98	0.4166 MH/LF		37.50 MH	[12.324]	1,927	212	88	223		2,450
27.222	90 LF				21.41	2.36	0.98	2.48		27.22



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: December 2, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
Lane Allen at Southland Striping

ATS Construction submits the following supplemental pricing for additional striping requested by LFUCG at the intersection of Lane Allen and Southland Drive.

Subtotal: \$483.40
Markup(5%): \$ 24.17
Total: \$507.57

Please contact me with any questions that you may have.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

**Central Seal Company**

P O Box 490

Danville, KY 40423

(859) 236-2367

Fax #:(859) 236-2373

INVOICE

Invoice No:20-141.23

Date:4/15/2023

Due Date:5/15/2023

Bill To:

ATS Construction

3009 Atkinson Avenue

Suite 400

Lexington, KY 40509

Job No:20-034-141

Description: Fayette Co-Clays Mill Rd.Sec#

PO #:FayetteClaysMil

Quantity	Description	Unit Price	Extended Price
271.00	Pave Stripe Perm Paint 4" - White	0.35	94.85
553.00	Pave Stripe Perm Paint 4" - Yellow	0.35	193.55
39.00	Waterblasting - Thermo	5.00	195.00
Work Performed 04/04 & 04/05/2023			
Clays Mill Road			

Thank You For Your Business!**Amount Now Due:****483.40**

Terms: Net 30 Days



P O Box 490
Danville, KY 40423
859/236-2367
FAX: 859/236-2373

DATE: 4/4/2023

DAY #: 35

SCALE: Yes

L1- 23.07

OP1- 33.30

OP2- 30.44

W/O NUMBER 20-034-141

GROUP NUMBER 0

JOB NUMBER 0

CONTRACTOR: ATS Contruction

COUNTY: Fayette

ROAD NUMBER: 0

BATCH # WHITE

ROAD NAME: Clays Mill

BATCH # YELLOW

Resident: Mark Feibes

Email: mfeibes@lexingtonky.gov (859-227-6319)

Inspector: Josh Withrow

Email: joshua.withrow@ky.gov

TIME		DESCRIPTION OF FUNCTION	EMPLOYEES	ITEM DESCRIPTION	ITEM TOTAL
FROM	TO				
			Seths crw	4" Temp Paint White	
				4" Temp Paint Yellow	
				6510 4" Total Temp Paint	-
				4" Perm Paint White	
				4" Perm Paint Yellow	
				0	-
				75 PS Hot Extrusion Applied 4" W	
				0 PS Hot Extrusion Applied 6" W	
				77 PS Hot Extrusion Applied 6" Y	
				78 PS Thermo 12" W	168
				79 PS Thermo 12" Y	
				80 PM Thermo Step Bar 24"	32
				81 PM Thermo Curve Arrow	5
				82 PM Thermo Combo Arrow	2
				83 Pavement Markers Type 1VA BY Temp	
				84 PM Thermo Bike	
				85 PM Ty 1 Tape "SCHOOL"	
				0 Waterblast Existing Stripe	
				0 Waterblast Thermo	39
				0 PM Thermo ONLY	1
				0	-

INSPECTOR:		Truck #	# of Hours	Small Equipment #	# of Hours
WEATHER:					
TEMPERATURE:					
HUMIDITY:					
DEW POINT:					
BEAKER READING:					
ALL WORK ON THIS JOB COMPLETE:					
Yes	No				
		Comments:			
Thermo Complete:					
Yes	No				



INSPECTOR:		Truck #	# of Hours	Small Equipment #	# of Hours
WEATHER:					
TEMPERATURE:					
HUMIDITY:					
DEW POINT:					
BEAKER READING:					
ALL WORK ON THIS JOB COMPLETE:					
Yes	No	Comments:			
Thermo Complete:					
Yes	No				



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: December 2, 2023

RE: Clays Mill Road Widening
BID NO. 17-2020
1819 CMR Wall Modifications

ATS Construction submits the following supplemental pricing for requested retaining wall changes located at 1819 Clays Mill Road. This retaining wall was added by change order and field designed with LFUCG approval. After driveway was completed and in use, changes were requested by the property owner and directed by LFUCG. Pricing below reflects Time and Materials plus 15% markup.

Labor	\$ 1,097.40
Equip	\$ 83.00
Materials	\$ 21.73
Subtotal	\$ 1,202.13
Markup	\$ 180.32
Total	\$ 1,382.45

Please contact me with any questions that you may have.

Respectfully submitted,

Dylan Murphy, PE
 Project Manager
 ATS Construction

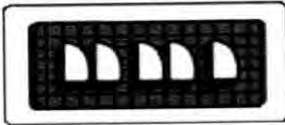
CC: Doug Burton, PE LFUCG Engineering
 Brian Billings, PE ATS Construction
 Jamie Davis, Superintendent, ATS Construction
 Josh Withrow, PE KYTC

JC Detail

Mth	Trans#	Posted Date	Actual Date	Trans Type	Source	Description	Units	Hours	Cost
620012. LFUCG-CLAYS MILL ROAD IMPROVEMENTS-17-2020									
50.10100.	EW~1819 WALL MODS 1 LABOR								
11/23	4812	11/08/23	11/01/23	PR	PR Entry	C/5203 1.00 / 11493 / LEE JR , GARNETT 5 Regular Earnings	0.000	6.00	222.84
11/23	4813	11/08/23	11/01/23	PR	PR Entry	C/5312 1.00 / 15358 / LEE , TYLOR S5 Regular Earnings	0.000	6.00	165.00
11/23	4814	11/08/23	11/01/23	PR	PR Entry	C/5316 1.00 / 16140 / CRAWFORD , TANNER A5 Regular Earnings	0.000	6.00	138.42
11/23	4815	11/08/23	11/03/23	PR	PR Entry	C/5203 1.00 / 11493 / LEE JR , GARNETT 5 Regular Earnings	0.000	3.00	111.42
11/23	4816	11/08/23	11/03/23	PR	PR Entry	C/5312 1.00 / 15358 / LEE , TYLOR S5 Regular Earnings	0.000	3.00	82.50
Total for Cost Type: 1							0.000	24.00	720.18
50.10100.	EW~1819 WALL MODS 2 BURD								
11/23	4817	11/08/23	11/01/23	PR	PR Entry	C/5203 1.00 / 11493 / LEE JR , GARNETT 15 W/C Insurance	0.000	0.00	10.63
11/23	4818	11/08/23	11/01/23	PR	PR Entry	C/5203 1.00 / 11493 / LEE JR , GARNETT 16 General Liability	0.000	0.00	8.16
11/23	4819	11/08/23	11/01/23	PR	PR Entry	C/5203 1.00 / 11493 / LEE JR , GARNETT 5 Payroll Taxes	0.000	0.00	17.02
11/23	4820	11/08/23	11/01/23	PR	PR Entry	C/5312 1.00 / 15358 / LEE , TYLOR S10 Fringe Benefits	0.000	0.00	96.36
11/23	4821	11/08/23	11/01/23	PR	PR Entry	C/5312 1.00 / 15358 / LEE , TYLOR S15 W/C Insurance	0.000	0.00	5.33
11/23	4822	11/08/23	11/01/23	PR	PR Entry	C/5312 1.00 / 15358 / LEE , TYLOR S16 General Liability	0.000	0.00	6.04
11/23	4823	11/08/23	11/01/23	PR	PR Entry	C/5312 1.00 / 15358 / LEE , TYLOR S5 Payroll Taxes	0.000	0.00	27.45
11/23	4824	11/08/23	11/01/23	PR	PR Entry	C/5316 1.00 / 16140 / CRAWFORD , TANNER A10 Fringe Benefits	0.000	0.00	85.26
11/23	4825	11/08/23	11/01/23	PR	PR Entry	C/5316 1.00 / 16140 / CRAWFORD , TANNER A15 W/C Insurance	0.000	0.00	6.60
11/23	4826	11/08/23	11/01/23	PR	PR Entry	C/5316 1.00 / 16140 / CRAWFORD , TANNER A16 General Liability	0.000	0.00	5.07
11/23	4827	11/08/23	11/01/23	PR	PR Entry	C/5316 1.00 / 16140 / CRAWFORD , TANNER A5 Payroll Taxes	0.000	0.00	23.82
11/23	4828	11/08/23	11/03/23	PR	PR Entry	C/5203 1.00 / 11493 / LEE JR , GARNETT 15 W/C Insurance	0.000	0.00	5.31
11/23	4829	11/08/23	11/03/23	PR	PR Entry	C/5203 1.00 / 11493 / LEE JR , GARNETT 16 General Liability	0.000	0.00	4.08
11/23	4830	11/08/23	11/03/23	PR	PR Entry	C/5203 1.00 / 11493 / LEE JR , GARNETT 5 Payroll Taxes	0.000	0.00	8.50
11/23	4831	11/08/23	11/03/23	PR	PR Entry	C/5312 1.00 / 15358 / LEE , TYLOR S10 Fringe Benefits	0.000	0.00	48.18
11/23	4832	11/08/23	11/03/23	PR	PR Entry	C/5312 1.00 / 15358 / LEE , TYLOR S15 W/C Insurance	0.000	0.00	2.67
11/23	4833	11/08/23	11/03/23	PR	PR Entry	C/5312 1.00 / 15358 / LEE , TYLOR S16 General Liability	0.000	0.00	3.02
11/23	4834	11/08/23	11/03/23	PR	PR Entry	C/5312 1.00 / 15358 / LEE , TYLOR S5 Payroll Taxes	0.000	0.00	13.72
Total for Cost Type: 2							0.000	0.00	377.22
50.10100.	EW~1819 WALL MODS 5 EQUIPINT								

JC Detail

Mth	Trans#	Posted Date	Actual Date	Trans Type	Source	Description	Units	Hours	Cost
620012. LFUCG-CLAYS MILL ROAD IMPROVEMENTS-17-2020 - Continued									
11/23	4835	11/08/23	11/01/23	PR	PR Entry	C/5203 / 11493 / LEE JR , GARNETT 01.LT6150 /2016 CHEVROLET SILVERADO 2500 / 1	0.000	6.00	42.00
11/23	4836	11/08/23	11/03/23	PR	PR Entry	C/5203 / 11493 / LEE JR , GARNETT 01.LT6150 /2016 CHEVROLET SILVERADO 2500 / 1	0.000	3.00	21.00
Total for Cost Type: 5							0.000	9.00	63.00
Total For Phase: 50.10100.								33.00	1,160.40
Total For Job: 620012.								33.00	1,160.40
Total For Company:6								33.00	1,160.40



MMI of Kentucky
2081 Mercer Road
LEXINGTON, KY 40511 USA

Phone: (859) 255-0070
Fax: (859) 231-6522

Invoice

Page: 1

Invoice No: 0000113943
Invoice Date: 11/2/2023
Order #: 0000116752
Customer: 1039
Job:
Salesperson: ANDREW BUCHER
Contact: GRETCHEN ACCTS PAYABLE
Phone:

Website: www.cmcmmi.com

Sold To

ATS CONSTRUCTION/CR SHOP
3009 ATKINSON AVENUESUITE 400
LEXINGTON, KY 40509 USA

Ship To

ATS CONSTRUCTION/CR SHOP
3009 ATKINSON AVENUESUITE 400
LEXINGTON, KY 40509 USA

Customer P.O.		Customer Job #	Ship Via	BOL	F.O.B.	Terms	
620012					OUR YARD	1% 10 NET 30	
Item	Description	Ordered	Shipped	BackOrdered	UM	Price	Amount
SUREGROUT	50# BG KAUFMAN SURE GROUT	1.00	1.000	0.00	BAG	12.00/BAG	12.00
520	12" HAND-HELD CONCRETE BROOM	1.00	1.000	0.00	EA	8.50/EA	8.50

Total Weight: 50 Lbs

Subtotal	20.50
Taxable Total	20.50
KY 6%	1.23
Trade Discount	0.00
Payment/Credit Amount	0.00
Balance	21.73

Terms Discount: 0.21



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: February 5, 2024

RE: Clays Mill Road Widening
BID NO. 17-2020
Entrance Pavement at Retaining Wall Modifications

In conjunction with the retaining wall revisions change order proposal (ref # 10099), ATS Construction submits the following pricing for additional driveway pavement completed because of the retaining wall revisions. The pricing is broke out between new entrance pavement and entrance pavement that was removed and replaced. Photos and area breakouts are attached to this letter (Pink=New Pavement, Blue=Remove & Replace). Both options have previously agreed upon pricing.

Address	Type	Area (SY)	UP	Amount	Notes
1892 CMR	New	27.50	\$ 65.00	\$1,787.50	3 Areas Combined
1892 CMR	Replace	5.00	\$ 325.00	\$1,625.00	
1894 & 1896 CMR	New	12.41	\$ 65.00	\$ 806.65	2 Areas Combined
1900 CMR	New	15.17	\$ 65.00	\$ 986.05	3 Areas Combined
1900 CMR	Replace	5.55	\$ 325.00	\$1,803.75	
1904 CMR	New	18.87	\$ 65.00	\$1,226.55	3 Areas Combined
1904 CMR	Replace	2.78	\$ 325.00	\$ 903.50	
				\$9,139.00	

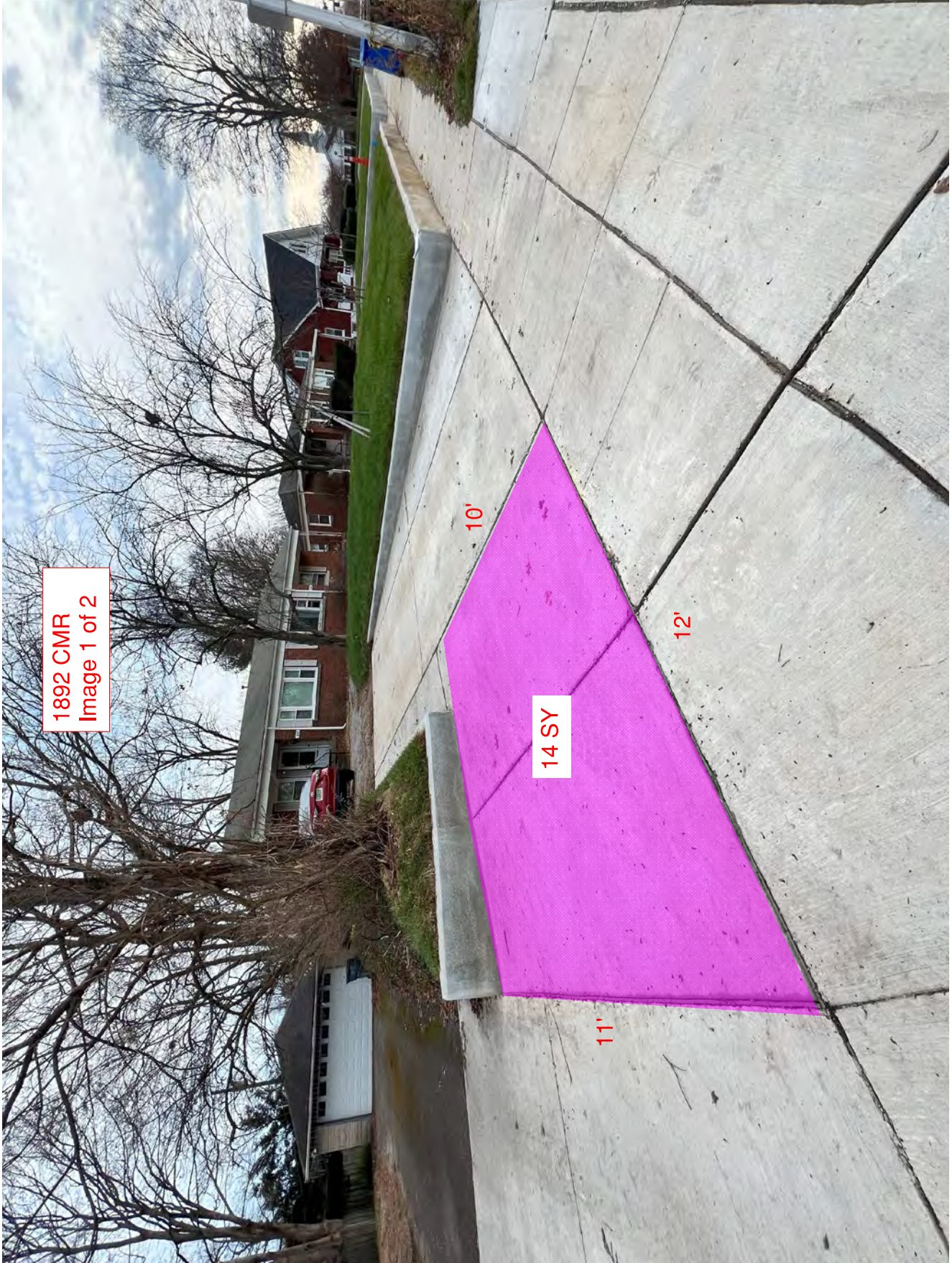
Please contact me with any questions that you may have.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

file: C:\Users\dmurphy\ATS Construction\ATS PM - Grade-Drainage-Concrete - Projects-Field Information\620012_17-2020_LFUCG CLAYS
MILL RD IMPROV\Correspondence\Submittals



1892 CMR
Image 1 of 2





1900 CMR

2.5 SY

15'

1"

8.5 SY

17'

7'

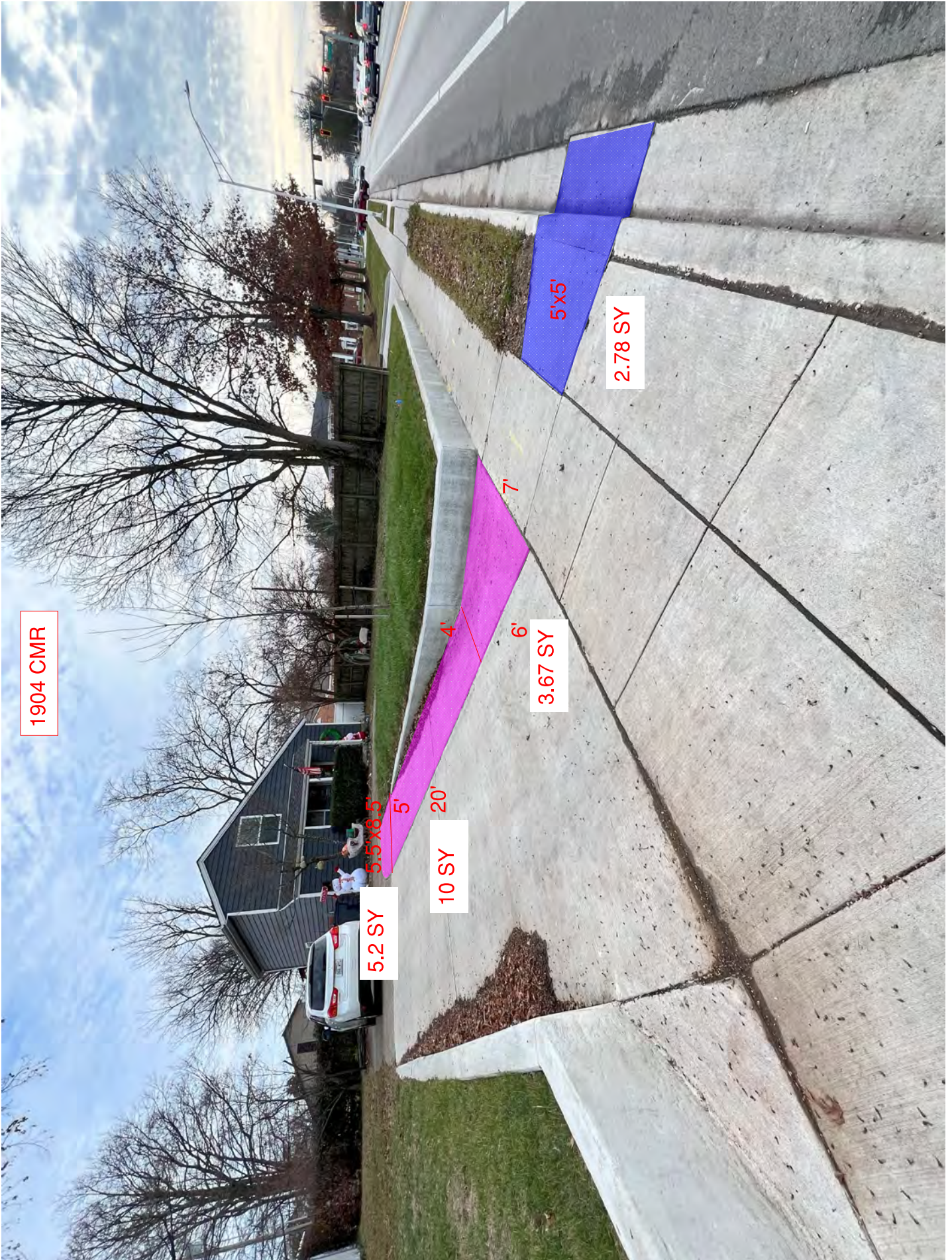
4.17 SY

5'

8'

5.55 SY

10'x5'





TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: February 5, 2024

RE: Clays Mill Road Widening
BID NO. 17-2020
Remove and Replace Entrance Pavement

At the request of LFUCG, ATS Construction removed and replaced entrance pavement at the addresses listed to improve safety, visibility and/or functionality. This work was completed at the previously approved pricing for the same scope of work. The addresses and quantities are listed below. Sketches of the driveway with measurements are attached to this letter.

Address	Side	Station	Pay Limit Area (SY)	Unit Price	Extension
2630 & 2626	RT	146+00	36.75	\$ 325.00	\$ 11,943.75
2779	LT	147+00	17.83	\$ 325.00	\$ 5,794.75
2623	LT	148+00	9.73	\$ 325.00	\$ 3,162.25
2224	RT	170+50	57.70	\$ 325.00	\$ 18,752.86
2034	LT	184+25	27.08	\$ 325.00	\$ 8,801.00
				Total:	\$ 48,454.61

Please contact me with any questions that you may have.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC



CLAYS MILL ROAD ENTRANCE PAVEMENT MEASUREMENTS

2626 & 2630

$$① (9.67 \times 8.5) \div 9 = 9.13 \text{ SY}$$

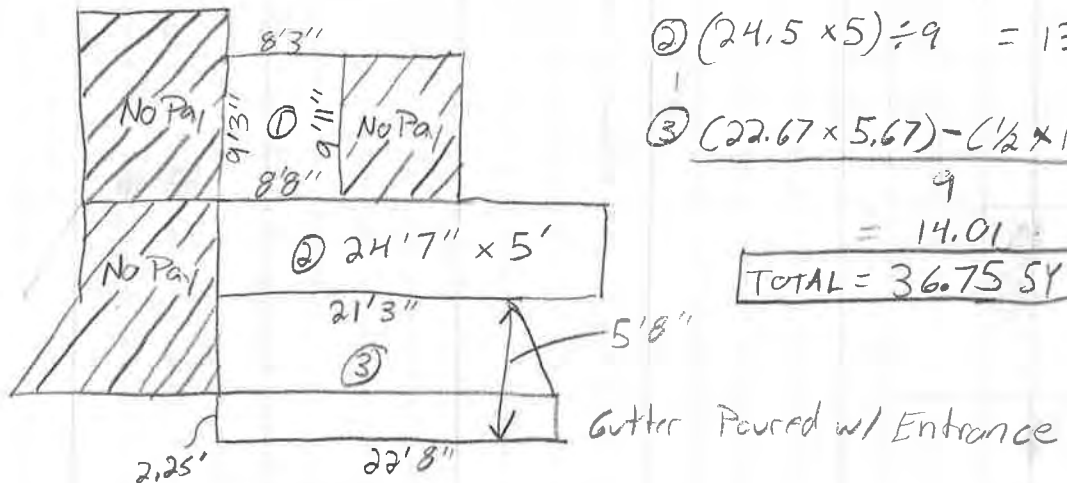
$$② (24.5 \times 5) \div 9 = 13.61 \text{ SY}$$

$$③ \frac{(22.67 \times 5.67) - (\frac{1}{2} \times 1.42 \times 3.42)}{9}$$

$$= 14.01$$

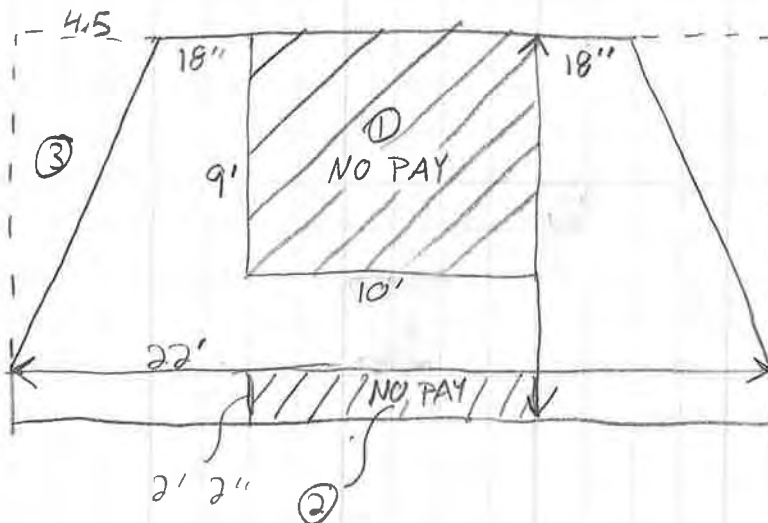
$$\text{TOTAL} = 36.75 \text{ SY}$$

N.T.S.



2779

N.T.S.



$$① 9 \times 10 = 90 \text{ SF}$$

$$② 10 \times 2.17 = 21.75 \text{ SF}$$

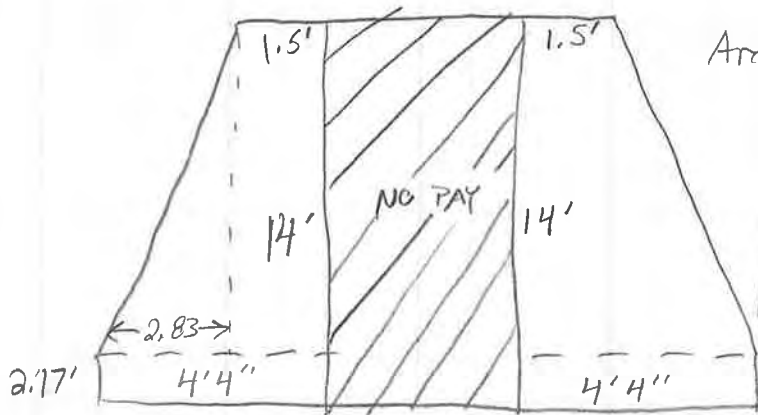
$$③ \frac{1}{2} [4.5 \times 12.83] = 28.88 \text{ SF}$$

$$\text{Area} = [(22 \times 15) - ① - ② - ③] \div 9 = [330 - 90 - 21.75 - 28.88] \div 9$$

$$\text{TOTAL} = 17.83 \text{ SY}$$



2623



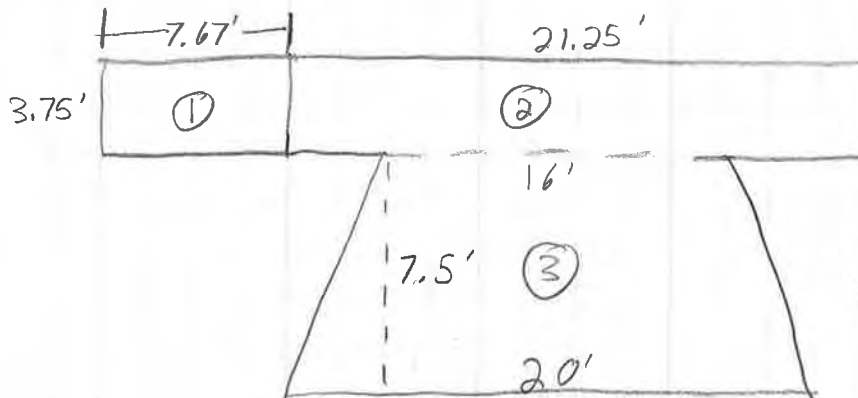
$$Area = 2 \left[(1.83 \times 1.5) + (4.33 \times 2.17) + \frac{1}{2} (2.83 \times 11.83) \right]$$

$$= 2 [17.75 + 9.40 + 16.74]$$

$$= 87.78 SF$$

$$\boxed{TOTAL = 9.73 SY}$$

MITCHELL AVE



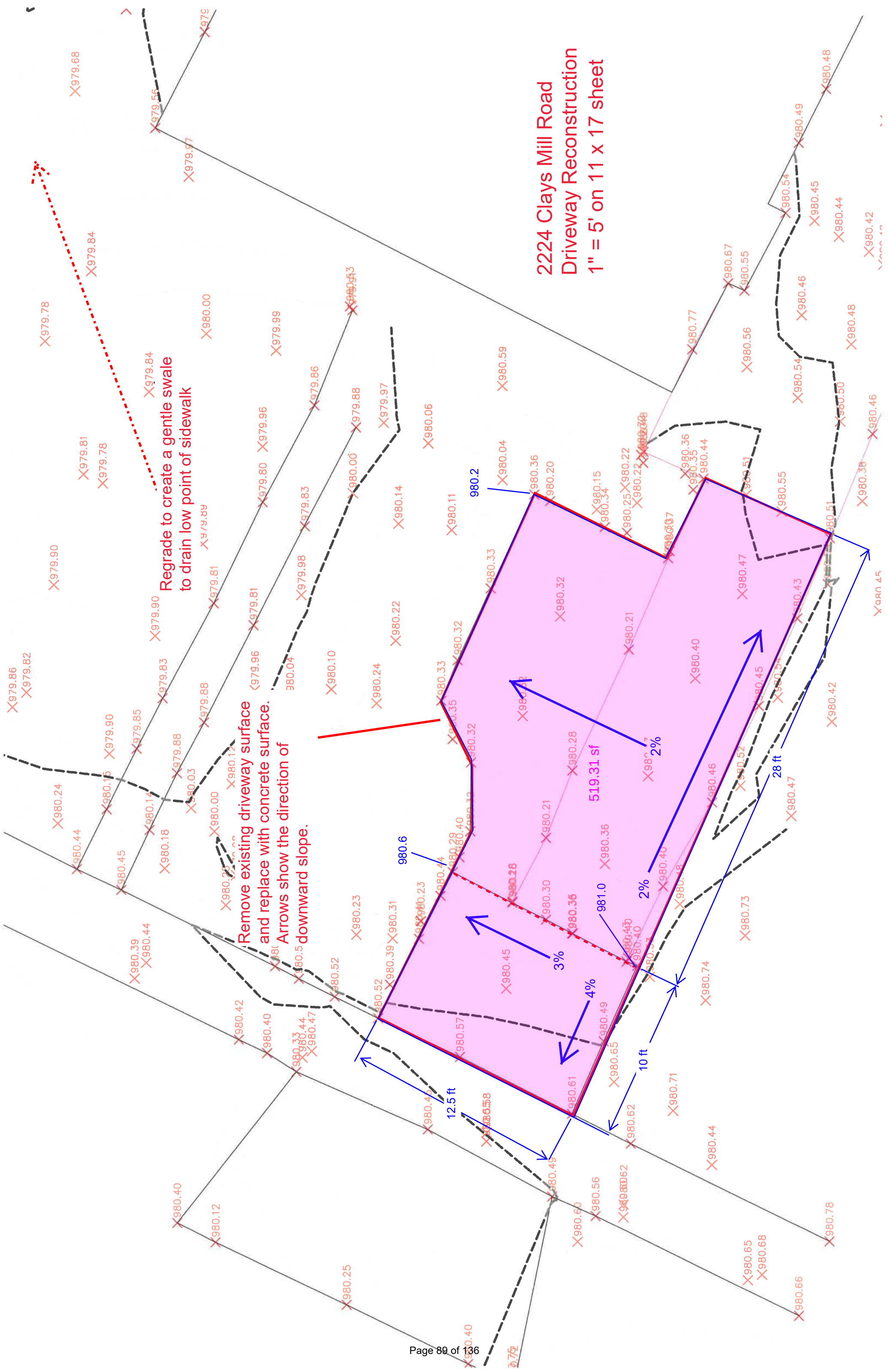
$$\textcircled{1} \quad 7.67 \times 3.75 / 9 = 3.20 SY$$

$$\textcircled{2} \quad 21.25 \times 3.75 / 9 = 8.85 SY$$

$$\textcircled{3} \quad \frac{\frac{1}{2} (16 + 20) \cdot 7.5}{9} = 15 SY$$

$$\boxed{TOTAL = 27.05 SY}$$

Page 2





TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: September 30, 2024

RE: Clays Mill Road Widening
BID NO. 17-2020
1811 CMR – Driveway Modifications

At the request of LFUCG, ATS Construction proposes the following price to remove, regrade, and repave the driveway at 1811 Clays Mill Road per the attached drawing provided by LFUCG.

Total Price - \$20,130.00

*Price above includes 20% OHP added to attached total cost breakdown.

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
BID ITEM = 510210										
Description = 1811 CMR DRIVEWAY MODIFICATIONS			Unit =	LS	Takeoff Quan:		1.000	Engr Quan:		1.000
50.10210.01	REMOVAL/GRADING/STONE		Quan:	1.00 LS	Hrs/Shft:	10.00	Cal: 510	WC: NONE		
**Unreviewed										
[[Crew Notes:]]										
<u>5FAB</u>	(Mod) FABRIC CREW		15.00 CH	Prod:	1.5000 S	Lab Pcs:		5.00	Eqp Pcs:	5.00
2SDGA	DENSE GRADED AGGR	1.00	25.00 TON	24.000		636				636
8HOE312	HOE 312	1.00	15.00 HR	62.734				941		941
8LOADSS	SKID STEER LOADER	1.00	15.00 HR	43.750				656		656
8ROLLIR90	ROLLER IR DD90	1.00	15.00 HR	53.480				802		802
8TDTRENT	DUMP TRUCK - RENT	1.00	15.00 HR	128.800				1,932		1,932
8TPKFM	PICKUP TRUCK - FORE	1.00	15.00 HR	31.325				470		470
LG2	LABORER GROUP 2	1.00	15.00 MH	23.320	681					681
OG1	OPERATOR GROUP 1	3.00	45.00 MH	33.300	2,747					2,747
OG2	OPERATOR GROUP 2	1.00	15.00 MH	30.440	858					858
\$9,723.77	75.0000 MH/LS		75.00 MH	[2535.39]	4,286	636		4,801		9,724
50.10210.02	ASPHALT PAVING		Quan:	1.00 LS	Hrs/Shft:	10.00	Cal: 510	WC: NONE		
**Unreviewed										
<u>1P09</u>	9 MAN PAVING CREW		5.00 CH	Prod:	0.5000 S	Lab Pcs:		9.00	Eqp Pcs:	5.00
2A2S38D64	CL2 ASPH SURF 0.38D P	1.00	10.00 TON	55.000		550				550
7HAULA	HAULING SUB - ASPHAL	1.00	5.00 HRS	128.000			640			640
8ADISTR	DISTRIBUTOR TRU 25%	1.00	5.00 HR	39.592				109		109
8APRT10	PAVER - 10FT RUBBER T	1.00	5.00 HR	175.826				879		879
8ARDDIR110	ASPHALT ROLLER IR D	2.00	10.00 HR	61.222				612		612
8TPKFM	PICKUP TRUCK - FORE	1.00	5.00 HR	31.325				157		157
LG1	LABORER GROUP 1	1.00	5.00 MH	23.070	225					225
LG3	LABORER GROUP 3	1.00	5.00 MH	23.370	227					227
OG1	OPERATOR GROUP 1	6.00	30.00 MH	33.300	1,831					1,831
OG4	OPERATOR GROUP 4	1.00	5.00 MH	30.120	284					284
\$5,514.58	45.0000 MH/LS		45.00 MH	[1519.99]	2,568	550	640	1,757		5,515
50.10210.03	CONCRETE SIDEWALK		Quan:	1.00 LS	Hrs/Shft:	10.00	Cal: 510	WC: NONE		
**Unreviewed										
<u>3POURH</u>	(Mod) HAND POUR		2.50 CH	Prod:	2.5000 CH	Lab Pcs:		5.00	Eqp Pcs:	1.50
2CONCLA	CLASS A CONCRETE@1	1.00	2.00 CY	350.000		742				742
8LOAD246STW	LOADER CAT 246 ST-W	0.50	1.25 HR	29.470				37		37
8TPKFM	PICKUP TRUCK - FORE	1.00	2.50 HR	31.325				78		78
CARP	CARPENTER	2.00	5.00 MH	27.500	264					264
LG1	LABORER GROUP 1	1.00	2.50 MH	23.070	113					113
OG1	OPERATOR GROUP 1	2.00	5.00 MH	33.300	305					305
\$1,539.28	12.5000 MH/LS		12.50 MH	[397.84]	682	742		115		1,539
====> Item Totals: 510210 - 1811 CMR DRIVEWAY MODIFICATIONS										
\$16,777.63	132.5000 MH/LS		132.50 MH	[4453.22]	7,537	1,928	640	6,673		16,778
16,777.630	1 LS				7,536.65	1,928.00	640.00	6,672.98		16,777.63
\$16,777.63	*** Report Totals ***		132.50 MH		7,537	1,928	640	6,673		16,778

>>> indicates Non Additive Activity

-----Report Notes:-----

The estimate was prepared with TAKEOFF Quantities.

This report shows TAKEOFF Quantities with the resources.

'Unreviewed' Activities are marked.

Direct Cost Report

Activity	Desc	Quantity	Unit	Unit	Perm	Constr	Equip	Sub-	
Resource		Pcs	Unit	Cost	Labor	Material	Matl/Exp	Ment	Contract
Total									

BID ITEM = 510210

Description = 1811 CMR DRIVEWAY MODIFICATIONS Unit = LS Takeoff Quan: 1.000 Engr Quan: 1.000

Bid Date: Owner: Engineering Firm:

Estimator-In-Charge:

JOB NOTES

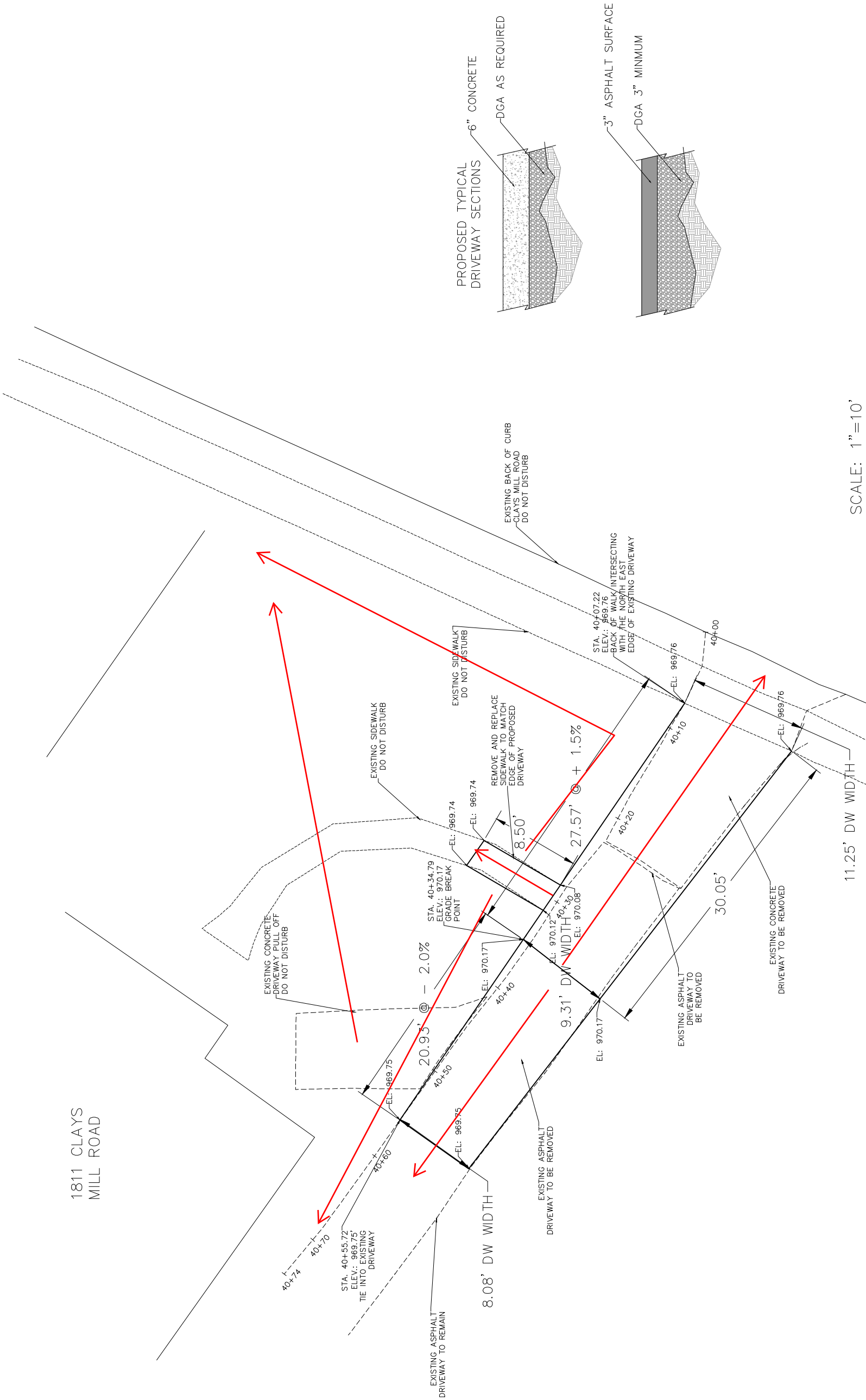
* on units of MH indicate average labor unit cost was used rather than base rate.

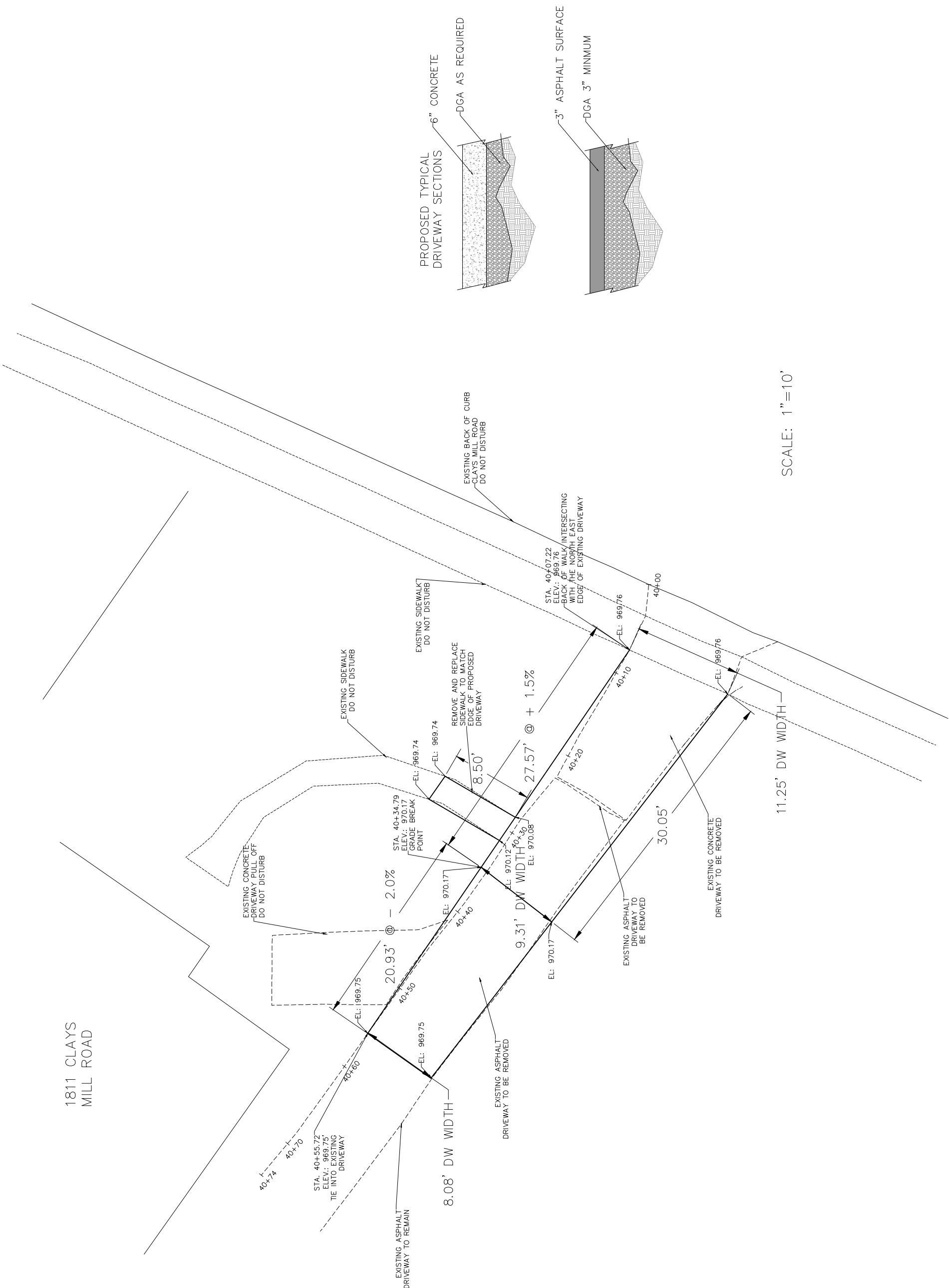
[] in the Unit Cost Column = Labor Unit Cost Without Labor Burdens

In equipment resources, rent % and EOE % not = 100% are represented as XXX%YYY where XXX=Rent% and YYY=EOE%

-----Calendar Codes-----

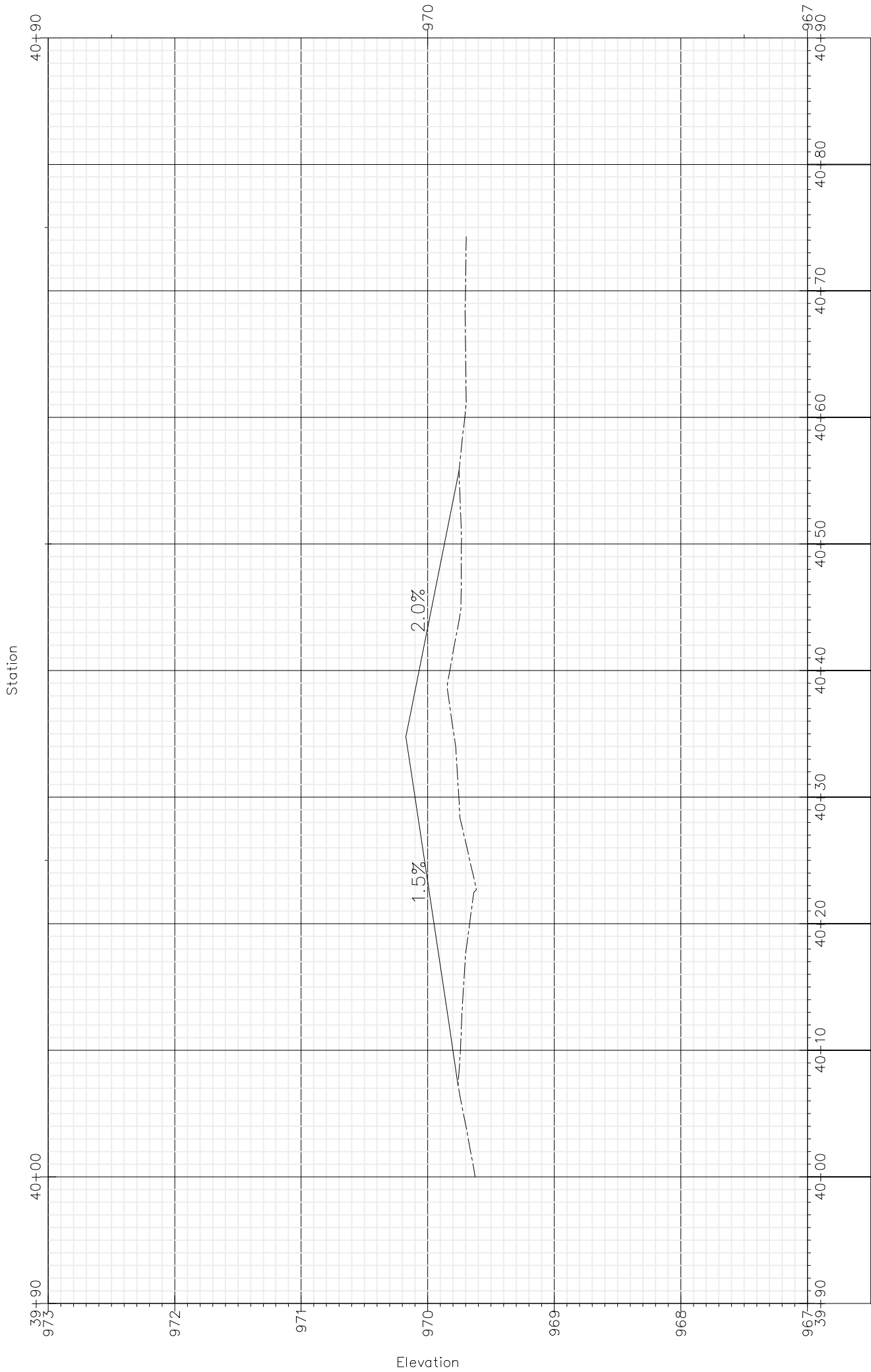
410 4 x 10 Hr Week
508 5 x 8 Hr Week
509 5 x 9 Hr week
510 5 x 10 Hr Week (Default Calendar)
511 5 x 11 Hr Week
512 5 x 12 Hr Week
608 6 x 8 Hr Week
609 6 x 9 Hr Week
610 6 x 10 Hr Week
W10 Weekend Work 10 Hr Days



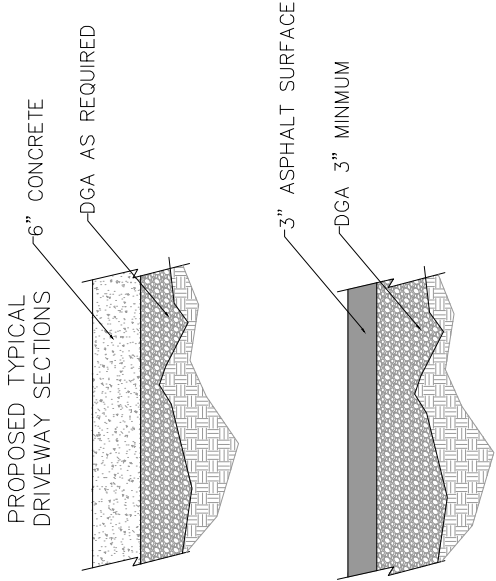
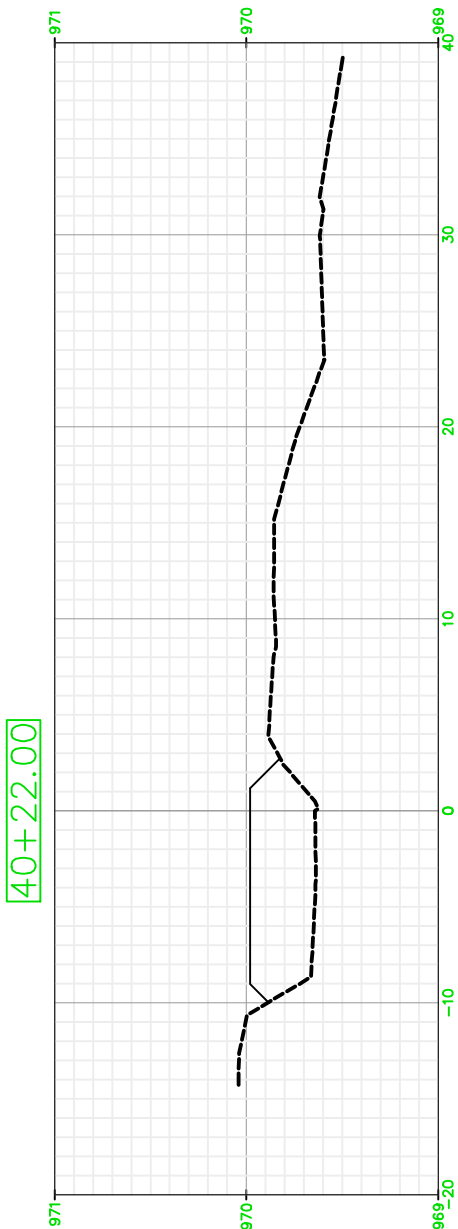
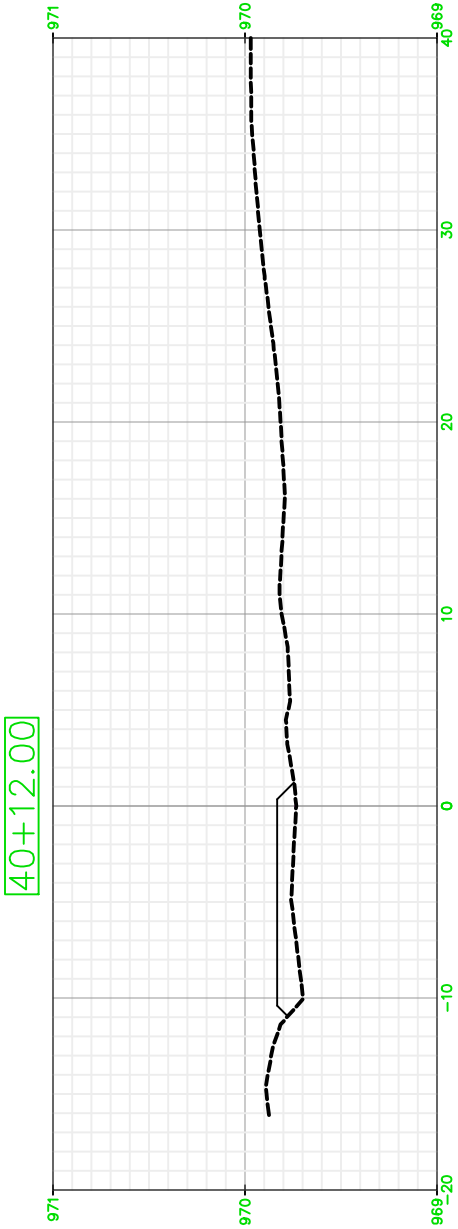


SCALE: 1"=10'

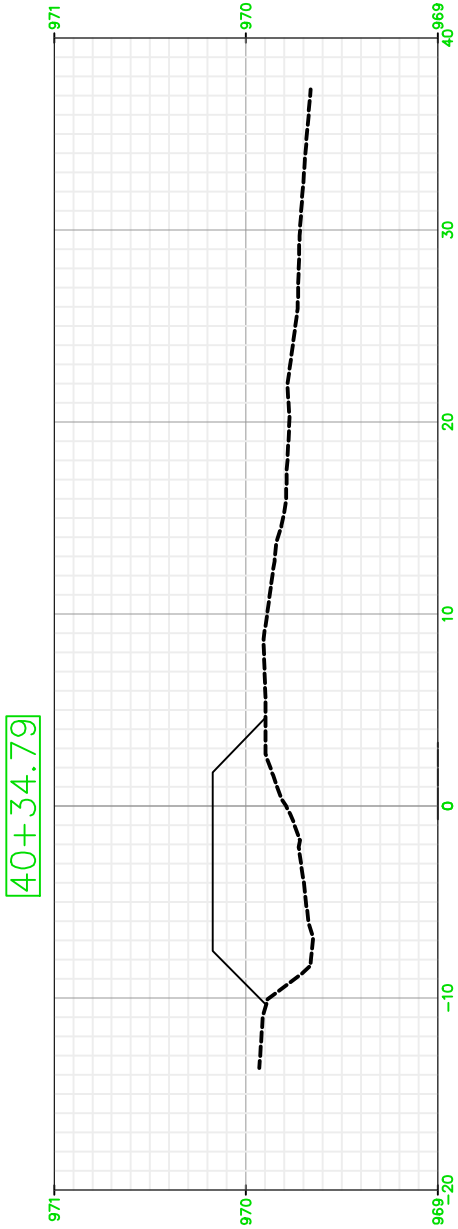
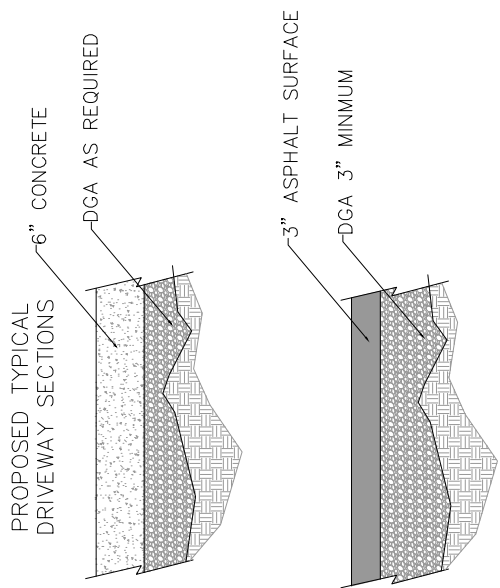
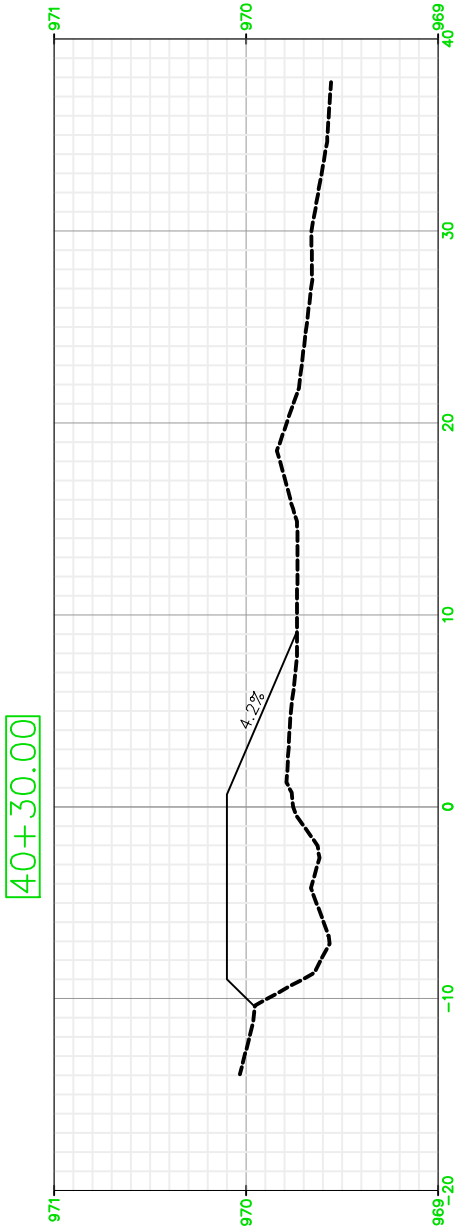
Alignment – (4) PROFILE



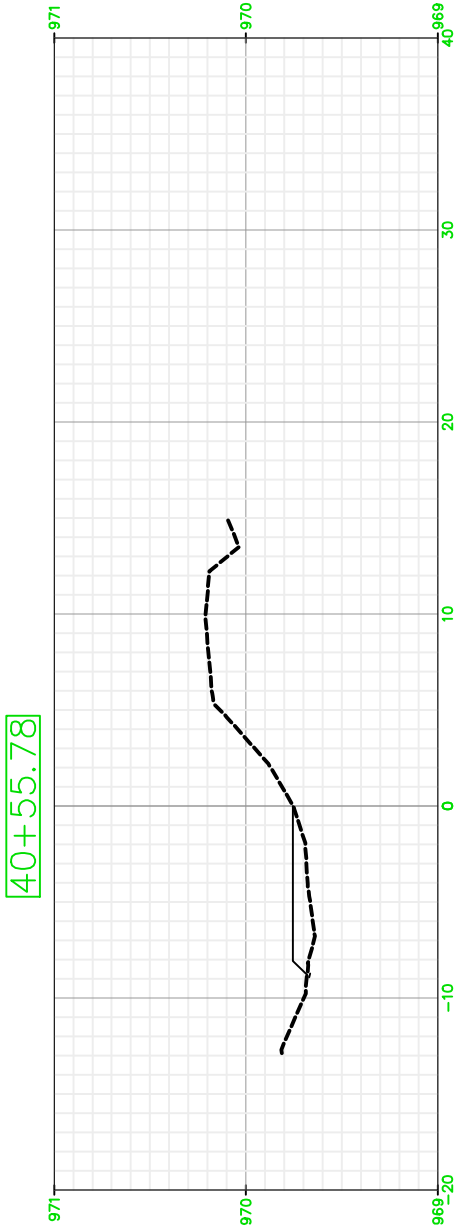
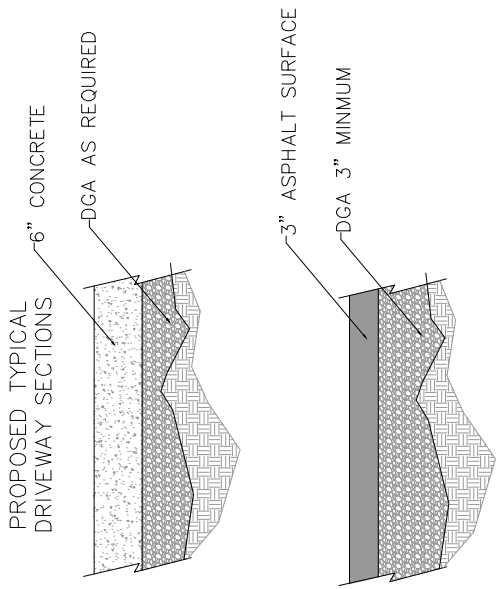
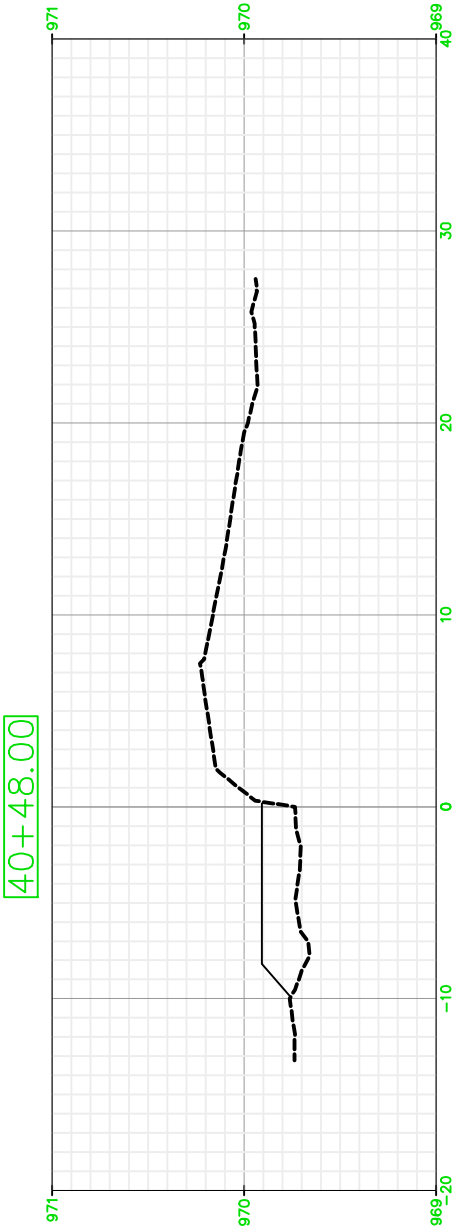
SCALE: HOR. 1"=10'
 VERT. 1"=1'



SCALE: HOR. 1"=10'
VERT. 1"=1'



SCALE: HOR. 1"=10'
VERT. 1"=1'



SCALE: HOR. 1"=10'
 VERT. 1"=1'



TO: Mark Feibes, PE
 LFUCG Project Engineer

FROM: Dylan Murphy, PE
 ATS Construction Project Manager

DATE: September 30, 2024

RE: Clays Mill Road Widening
 BID NO. 17-2020
 2025 CMR Drainage Modifications

At the request of LFUCG, ATS Construction submits the following pricing for the drainage revisions at the residence of 2025 Clays Mill Road.

Item	Description	Qty	UM	UP	Amount
	<u>Contract Items</u>				
30	8" PVC DRAINAGE STRUCTURE	2.00	ea	2,300.00	4,600.00
53	STORM DRAIN PIPE-8 IN	40.00	LF	42.00	1,680.00
61	SODDING	550.00	SY	6.20	3,410.00
	<u>Supplemental Pricing</u>				
*	DEMO AND DRESSING	1.00	LS	5,710.00	5,710.00
*	SIDEWALK REPAIR	1.00	LS	1,850.00	1,850.00
				Total:	17,250.00

*-Supplemental Pricing. UP equals total cost (attached) + 20% OHP

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
 Project Manager
 ATS Construction

CC: Doug Burton, PE LFUCG Engineering
 Brian Billings, PE ATS Construction
 Jamie Davis, Superintendent, ATS Construction
 Josh Withrow, PE KYTC

Direct Cost Report

Activity Resource	Desc	Quantity Pcs	Unit	Unit Cost	Labor	Perm Material	Constr Matl/Exp	Equip Ment	Sub- Contract	Total
BID ITEM = 510200										
Description = 2025 CMR DRAINAGE			Unit =	LS	Takeoff Quan:		1.000	Engr Quan:		1.000
50.10200.01	DEMO AND DRESSING		Quan:	1.00 LS	Hrs/Shft:	10.00	Cal: 510	WC: NONE		
<u>5FD</u>	(Mod) FINAL DRESS		15.00 CH	Prod:	1.5000 S	Lab Pcs:	3.00	Eqp Pcs:		**Unreviewed
8HOE312	HOE 312	1.00	15.00 HR	62.734				941		941
8LOADSS	SKID STEER LOADER	1.00	15.00 HR	43.750				656		656
8TPKFM	PICKUP TRUCK - FORE	1.00	15.00 HR	31.325				470		470
OG1	OPERATOR GROUP 1	2.00	30.00 MH	33.300	1,831					1,831
OG2	OPERATOR GROUP 2	1.00	15.00 MH	30.440	858					858
\$4,756.80	45.0000 MH/LS		45.00 MH	[1601.16]	2,690			2,067		4,757
50.10200.02	SIDEWALK REPAIR		Quan:	1.00 LS	Hrs/Shft:	10.00	Cal: 510	WC: NONE		
<u>3POURH</u>	(Mod) HAND POUR		2.50 CH	Prod:	0.2500 S	Lab Pcs:	5.00	Eqp Pcs:		**Unreviewed
2CONCLA	CLASS A CONCRETE@1	1.00	2.00 CY	350.000		742				742
8LOAD246STW	LOADER CAT 246 ST-W	0.50	1.25 HR	29.470				37		37
8TPKFM	PICKUP TRUCK - FORE	1.00	2.50 HR	31.325				78		78
CARP	CARPENTER	2.00	5.00 MH	27.500	264					264
LG1	LABORER GROUP 1	1.00	2.50 MH	23.070	113					113
OG1	OPERATOR GROUP 1	2.00	5.00 MH	33.300	305					305
\$1,539.28	12.5000 MH/LS		12.50 MH	[397.84]	682	742		115		1,539
====> Item Totals: 510200 - 2025 CMR DRAINAGE										
\$6,296.08	57.5000 MH/LS		57.50 MH	[1999]	3,372	742		2,182		6,296
6,296.080	1 LS				3,371.82	742.00		2,182.26		6,296.08
\$6,296.08	*** Report Totals ***		57.50 MH		3,372	742		2,182		6,296

>>> indicates Non Additive Activity

-----Report Notes:-----

The estimate was prepared with TAKEOFF Quantities.

This report shows TAKEOFF Quantities with the resources.

'Unreviewed' Activities are marked.

Bid Date: Owner: Engineering Firm:

Estimator-In-Charge:

JOB NOTES

* on units of MH indicate average labor unit cost was used rather than base rate.

[] in the Unit Cost Column = Labor Unit Cost Without Labor Burdens

In equipment resources, rent % and EOE % not = 100% are represented as XXX%YYY where XXX=Rent% and YYY=EOE%

-----Calendar Codes-----

410 4 x 10 Hr Week

508 5 x 8 Hr Week

509 5 x 9 Hr week

510 5 x 10 Hr Week (Default Calendar)

511 5 x 11 Hr Week

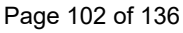
512 5 x 12 Hr Week

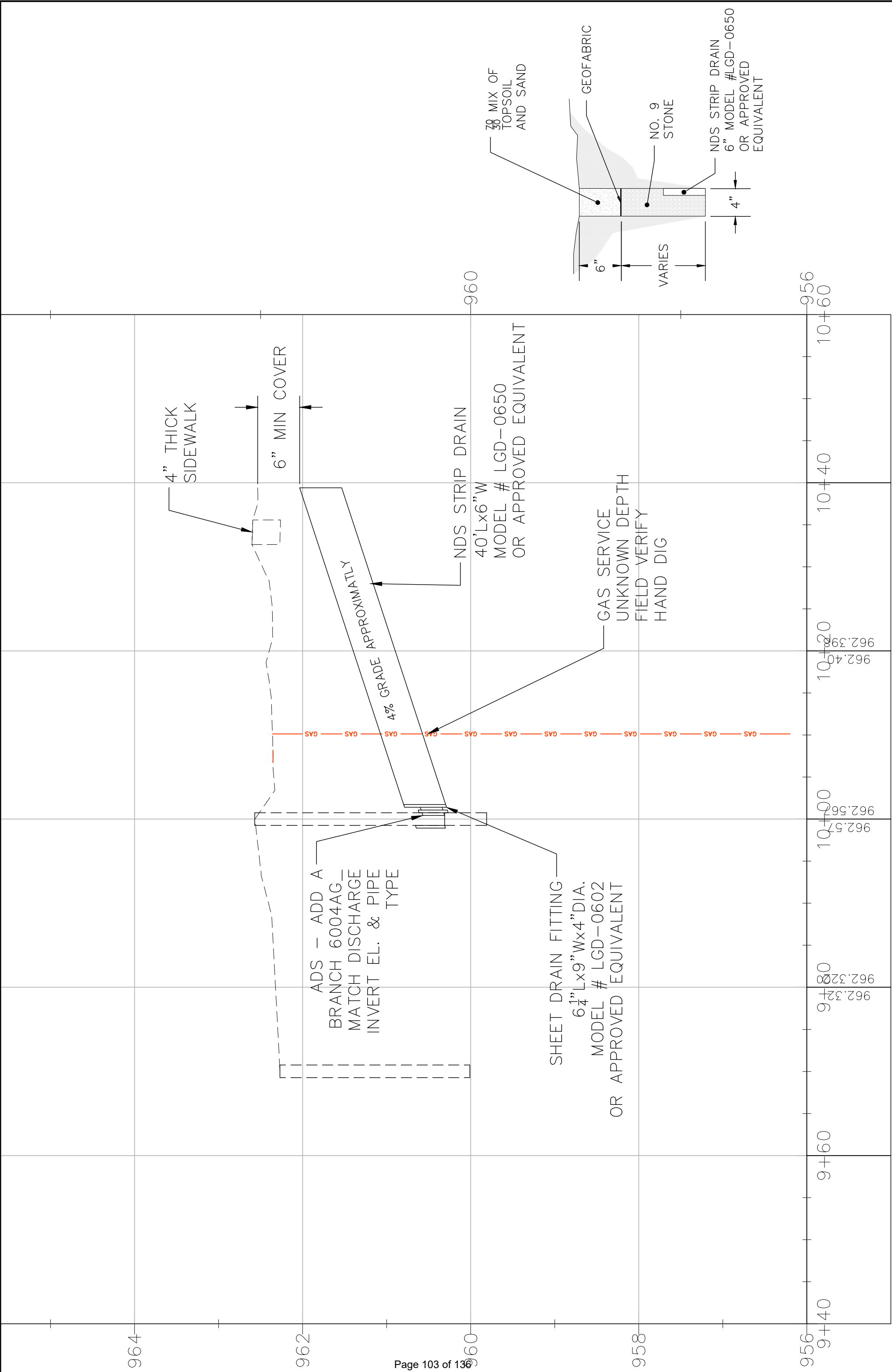
608 6 x 8 Hr Week

609 6 x 9 Hr Week

610 6 x 10 Hr Week

Activity	Desc	Quantity	Unit	Unit		Perm	Constr	Equip	Sub-	
Resource		Pcs	Unit	Cost	Labor	Material	Matl/Exp	Ment	Contract	Total
BID ITEM	=	510200								
Description =	2025 CMR DRAINAGE		Unit =	LS	Takeoff Quan:		1.000	Engr Quan:		1.000
W10	Weekend Work 10 Hr Days									





Add-A-Branch™ Kit

Nyloplast Add-a-Branch kits are a quick and cost-effective way to connect 4-24" (100-600 mm) diameter lateral pipes to Nyloplast Drain Basins in the field. Using an Add-a-Branch kit provides flexibility during the installation phases of a job site when unknown variables may be expected or encountered.

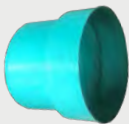
When you have to make field connections, use Nyloplast and Add-a-Branch to save you time and money. Avoid time to knockout precast concrete and time for grouting and curing of concrete. Add a branch installs 3-4 times faster than traditional connection methods.

Our newest 24" Add-a-Branch kits have the ability to connect a variety of lateral pipe types to the 36" Drain Basins. Add-A-Branch Pipe connections include ADS N-12®, PVC Sewer SDR35, PVC Schedule 40 and many more, making them versatile for all storm water installations.

Kit Includes:



N-12 Valley Gasket & Add-A-Branch Gasket



Nyloplast Branch



Add-A-Branch Product Numbers

Pipe Size	Part Number	Min Basin Size
4" (100 mm)	6004AG_	8" (200 mm)
6" (150 mm)	6006AG_	10" (250 mm)
8" (200 mm)	6008AG_	12" (300 mm)
10" (250 mm)	6010AG_	15" (375 mm)
12" (300 mm)	6012AG_	18" (450 mm)
15" (375 mm)	6015AG_	24" (600 mm)
4" (100 mm)	6004AG_30	SPEC. TO 30" (750 mm)
6" (150 mm)	6006AG_30	SPEC. TO 30" (750 mm) & 36" (900 mm)
8" (200 mm)	6008AG_30	SPEC. TO 30" (750 mm) & 36" (900 mm)
10" (250 mm)	6010AG_30	SPEC. TO 30" (750 mm) & 36" (900 mm)
12" (300 mm)	6012AG_30	SPEC. TO 30" (750 mm) & 36" (900 mm)
15" (375 mm)	6015AG_30	SPEC. TO 30" (750 mm) & 36" (900 mm)
18" (450 mm)	6018AG_30	SPEC. TO 30" (750 mm) & 36" (900 mm)
24" (600 mm)	6024AG_36	SPEC. TO 36" (900 mm)

* The space in the _ part number is either "N" for N-12®, "S" for SDR, or "D" for DWV.



Add-A-Branch Kit Specification

Scope

Joint performance between all 4"-24" (100-600 mm) Add-a-Branch adapters and the Nyloplast Drain Basins provide a soil tight connection as specified in ASTM F 2306. Gaskets per ASTM F477

Installation

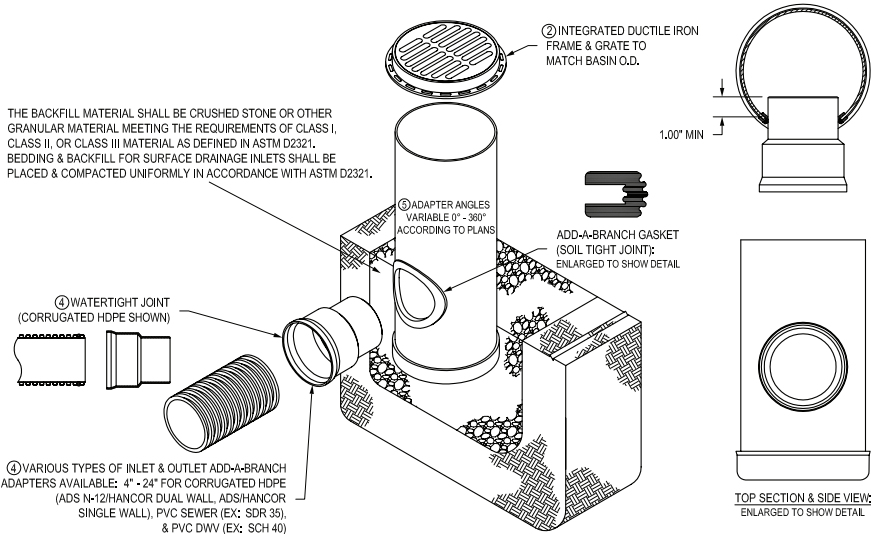
- Installation of Add-a-Branch structures shall be in accordance with manufacturer's recommended installation guidelines.
- It is recommended that the Add-A-Branch connection be 2 diameters smaller than basin diameter
- This type of field connection can be cut into the basin using jigsaw, sawzaw or other cutting tools. Just stick on the template and follow the cut pattern.
- If multiple branches require field install, follow minimum angle chart.

Angle Requirement Chart

Adapter Size In. (mm)	Basin Size in.(mm)							
	8 (200)	10 (250)	12 (300)	15 (375)	18 (450)	24 (600)	30 (750)	36 (900)
4 - 4 (100 - 100)	119°	96°	75°	60°	48°	38°	28°	20°
4 - 6 (100 - 150)	-	100°	87°	69°	55°	43°	32°	25°
4 - 8 (100 - 200)	-	-	102°	79°	63°	49°	36°	30°
4 - 10 (100 - 250)	-	-	-	91°	71°	55°	40°	34°
4 - 12 (100 - 300)	-	-	-	-	80°	61°	45°	37°
4 - 15 (100 - 375)	-	-	-	-	-	70°	51°	41°
4 - 18 (100 - 450)	-	-	-	-	-	-	58°	46°
4 - 24 (100 - 600)	-	-	-	-	-	-	-	59°
6 - 6 (150 - 150)	-	127°	100°	78°	62°	49°	36°	30°
6 - 8 (150 - 200)	-	-	114°	88°	70°	55°	40°	34°
6 - 10 (150 - 250)	-	-	-	100°	79°	61°	44°	37°
6 - 12 (150 - 300)	-	-	-	-	87°	67°	49°	40°
6 - 15 (150 - 375)	-	-	-	-	-	76°	55°	44°
6 - 18 (150 - 450)	-	-	-	-	-	-	62°	50°
6 - 24 (150 - 600)	-	-	-	-	-	-	-	62°
8 - 8 (200 - 200)	-	-	129°	98°	78°	60°	44°	37°
8 - 10 (200 - 250)	-	-	-	110°	86°	66°	49°	40°
8 - 12 (200 - 300)	-	-	-	-	95°	72°	53°	43°

Adapter Size In. (mm)	Basin Size in.(mm)							
	8 (200)	10 (250)	12 (300)	15 (375)	18 (450)	24 (600)	30 (750)	36 (900)
8 - 15 (200 - 375)	-	-	-	-	-	82°	59°	47°
8 - 18 (200 - 450)	-	-	-	-	-	-	67°	55°
8 - 24 (200 - 600)	-	-	-	-	-	-	-	71°
10 - 10 (250 - 250)	-	-	-	122°	95°	72°	53°	43°
10 - 12 (250 - 300)	-	-	-	-	103°	78°	57°	47°
10 - 15 (250 - 375)	-	-	-	-	-	88°	63°	53°
10 - 18 (250 - 450)	-	-	-	-	-	-	71°	62°
10 - 24 (250 - 600)	-	-	-	-	-	-	-	79°
12 - 12 (300 - 300)	-	-	-	-	112°	84°	61°	53°
12 - 15 (300 - 375)	-	-	-	-	-	94°	67°	60°
12 - 18 (300 - 450)	-	-	-	-	-	-	75°	71°
12 - 24 (300 - 600)	-	-	-	-	-	-	-	85°
15 - 15 (375 - 375)	-	-	-	-	-	103°	73°	69°
15 - 18 (375 - 450)	-	-	-	-	-	-	81°	77°
15 - 24 (375 - 600)	-	-	-	-	-	-	-	92°
18 - 18 (450 - 450)	-	-	-	-	-	-	87°	82°
18 - 24 (450 - 600)	-	-	-	-	-	-	-	103°
24 - 24 (600 - 600)	-	-	-	-	-	-	-	115°

Nyloplast Drain Basin with Add-a-branch

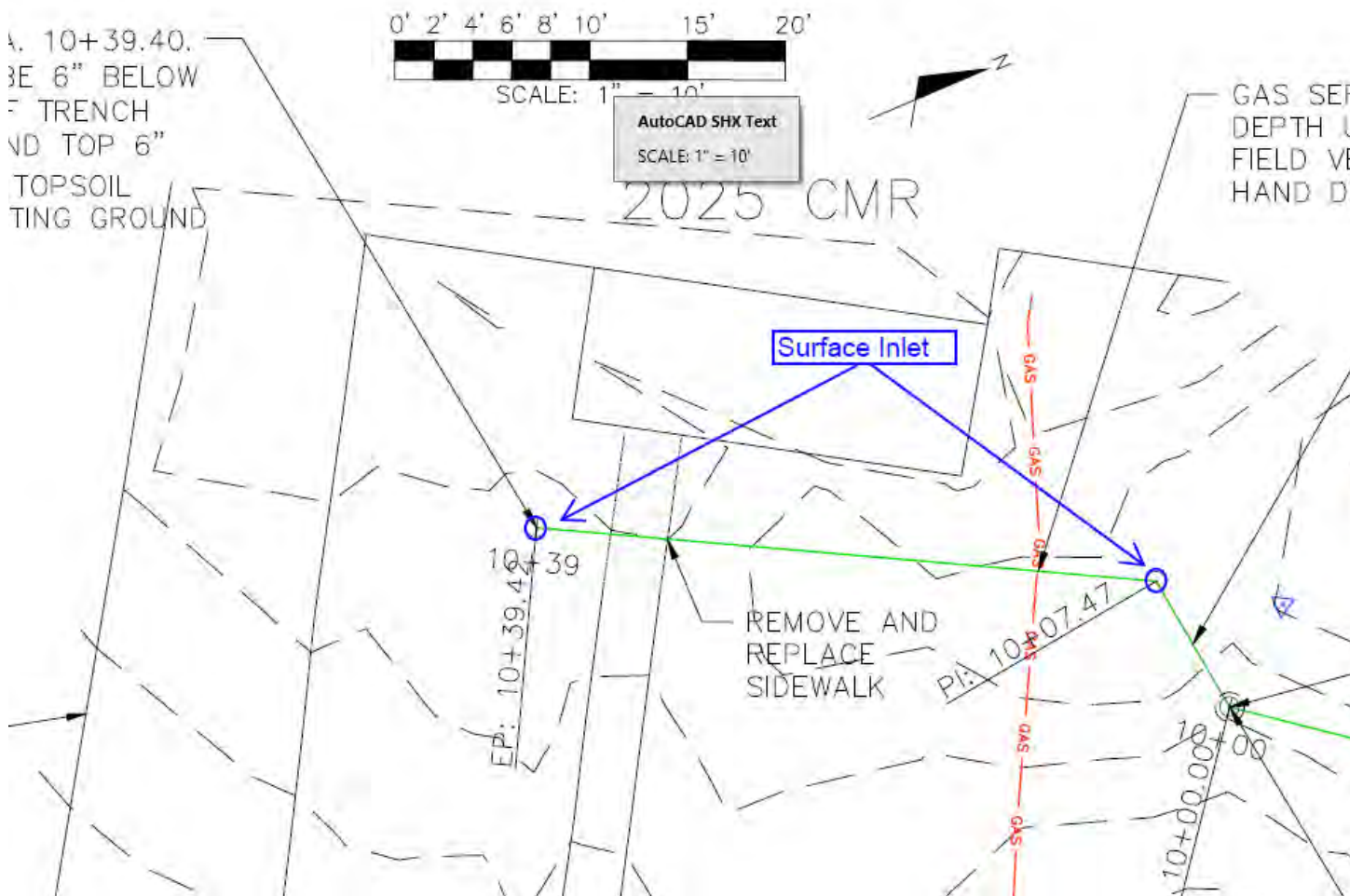


adspipe.com
1-800-821-6710

Dylan Murphy

From: Mark Feibes <mfeibes@lexingtonky.gov>
Sent: Friday, September 20, 2024 10:18 AM
To: Dylan Murphy
Subject: RE: Clays Mill Road - Grass restoration

Dylan,
We want to go back to the inlet concept.



Mark Feibes, P.E.
Section Manager
Department of Environmental Quality and Public Works
Division of Engineering, Design and Construction Section

859.258.3428 office
859.227.6319 cell
lexingtonky.gov





1775 - 2025

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From: Dylan Murphy <DMurphy@atsconstruction.com>

Sent: Friday, September 20, 2024 8:37 AM

To: Mark Feibes <mfeibes@lexingtonky.gov>

Subject: RE: Clays Mill Road - Grass restoration

[EXTERNAL] Use caution before clicking links and/or opening attachments.

Mark,

Did you find out if there needed to be any inlets at 2025 CMR or just the strip drain?

Thanks,

Dylan Murphy, PE

Project Engineer

ATS Construction

3009 Atkinson Avenue

Suite 400

Lexington, KY 40509

Work: (859) 543-4536

Cell: (859) 559-1001

DMurphy@atsconstruction.com

From: Mark Feibes <mfeibes@lexingtonky.gov>

Sent: Thursday, September 12, 2024 9:06 AM

To: Dylan Murphy <DMurphy@atsconstruction.com>

Subject: RE: Clays Mill Road - Grass restoration

Works for me.

Thanks,

Mark Feibes, P.E.

Section Manager

Department of Environmental Quality and Public Works

Division of Engineering, Design and Construction Section

859.258.3428 office

859.227.6319 cell

lexingtonky.gov



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From: Dylan Murphy <DMurphy@atsconstruction.com>

Sent: Thursday, September 12, 2024 8:42 AM

To: Mark Feibes <mfeibes@lexingtonky.gov>

Subject: RE: Clays Mill Road - Grass restoration

[EXTERNAL] Use caution before clicking links and/or opening attachments.

Lets plan on 10:00am at Rosemont Baptist.

From: Mark Feibes <mfeibes@lexingtonky.gov>

Sent: Thursday, September 12, 2024 7:54 AM

To: Dylan Murphy <DMurphy@atsconstruction.com>

Subject: RE: Clays Mill Road - Grass restoration

Dylan,

What time are you planning on heading to Clays Mill? If it's 10 or later, I can meet you and go over a few things.

Mark Feibes, P.E.

Section Manager

Department of Environmental Quality and Public Works

Division of Engineering, Design and Construction Section

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From: Dylan Murphy <DMurphy@atsconstruction.com>
Sent: Wednesday, September 11, 2024 2:01 PM
To: Mark Feibes <mfeibes@lexingtonky.gov>
Subject: RE: Clays Mill Road - Grass restoration

[EXTERNAL] Use caution before clicking links and/or opening attachments.

Mark,

Apologies for the delay in responding. I will go out tomorrow morning and take a look at this myself to better respond to it.

I agree we need to final this thing out as soon as possible. Please send me your final list as soon as you can get it together and we will get it knocked out.

Thank you,

Dylan Murphy, PE

Project Engineer
ATS Construction
3009 Atkinson Avenue
Suite 400
Lexington, KY 40509
Work: (859) 543-4536
Cell: (859) 559-1001
DMurphy@atsconstruction.com

From: Mark Feibes <mfeibes@lexingtonky.gov>
Sent: Wednesday, September 4, 2024 1:56 PM
To: Dylan Murphy <DMurphy@atsconstruction.com>
Subject: Clays Mill Road - Grass restoration

Dylan,

I've received a couple of complaints in the last week regarding the restoration work on CMR. One is from 2623 CMR and the other from 556 Rosemont (Baptist Church). The choir mats are full of weeds and the sites can't be mowed because of the mats. Both owners want the mats removed. Attached is a photo from 2623 CMR. Doing a driveby this morning, there are numerous other places along CMR that have similar conditions. I think the mats need to come up and then maybe hit with some weed n feed along with some grass seed, if needed. The weather is turning and should be ideal for establishing grass in these areas.

Also, there are a few other loose ends I'll be sending you reminders on, hopefully before the end of this week. The federal funds expire at the end of the year, so we need to make this final push now. There's still a change order to finalize, and that takes time to process through KYTC and then LFUCG, so time is getting short.

Thanks,

Mark Feibes, P.E.
Section Manager
Department of Environmental Quality and Public Works

Division of Engineering, Design and Construction Section

859.258.3428 office

859.227.6319 cell

lexingtonky.gov



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Mark Feibes

From: Mark Feibes
Sent: Tuesday, October 8, 2024 10:48 AM
To: Jones, Jackie M (KYTC); Tucker, Shane S (KYTC-D07)
Subject: RE: Clays Mill Road Section 1 - 7-224.1 Additional Work Items

Jackie and Shane,
I will direct ATS to proceed with the work. This will be picked up in the final change order.
Thanks,

Mark Feibes, P.E.
Section Manager
Department of Environmental Quality and Public Works
Division of Engineering, Design and Construction Section

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859.227.6319 cell
lexingtonky.gov



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From: Jones, Jackie M (KYTC) <Jackie.Jones@ky.gov>
Sent: Tuesday, October 8, 2024 9:11 AM
To: Tucker, Shane S (KYTC-D07) <Shane.Tucker@ky.gov>; Mark Feibes <mfeibes@lexingtonky.gov>
Subject: RE: Clays Mill Road Section 1 - 7-224.1 Additional Work Items

[EXTERNAL] Use caution before clicking links and/or opening attachments.

I'm fine with it.

Jackie Jones
Kentucky Transportation Cabinet
Department of Rural & Municipal Aid
502-782-4734 (p) | 502-229-6431 (c)
[KYTC Local Public Agency Guide](#)

From: Tucker, Shane S (KYTC-D07) <Shane.Tucker@ky.gov>
Sent: Tuesday, October 8, 2024 8:52 AM

To: Feibes, Mark <mfeibes@lexingtonky.gov>; Jones, Jackie M (KYTC) <Jackie.Jones@ky.gov>

Subject: RE: Clays Mill Road Section 1 - 7-224.1 Additional Work Items

Mark,

I'm okay with the proposed CO because in essence it is corrective work. Hopefully, this is the last of the requests and we can officially close this project out. Jackie, what are your thoughts?

Thanks,

Shane



Shane Tucker

Dept. of Highways - District 7 - Planning

(859) 246-2355 OFFICE

(502) 564-2360 DIRECT

From: Mark Feibes <mfeibes@lexingtonky.gov>

Sent: Thursday, October 3, 2024 3:28 PM

To: Tucker, Shane S (KYTC-D07) <Shane.Tucker@ky.gov>; Jones, Jackie M (KYTC) <Jackie.Jones@ky.gov>

Subject: Clays Mill Road Section 1 - 7-224.1 Additional Work Items

****CAUTION** PDF attachments may contain links to malicious sites. Please contact the COT Service Desk ServiceCorrespondence@ky.gov for any assistance.**

Shane and Jackie,

As we are nearly complete with punchlist items for the subject project, ATS has submitted the attached proposals for additional work to address drainage issues caused by the project:

1818 Clays Mill Road – At this property, the elevation of Clays Mill Road was raised, preventing the driveway from draining back to the road as it had previously done, resulting in ponding of water in the driveway. With the proposed driveway regrading, water will shed either back to Clays Mill Road or to the back of the property. The cost to perform this work is \$20,130.

2024 Clays Mill Road - This is another location where the elevation of Clays Mill Road was raised. The original design included a yard drain to collect water, but due to the relative flat topography of the yard, localized ponding continues. Adding two more surface inlets will address this problem. The cost to perform this work is \$17,250.

I have reviewed the proposals and find them acceptable. Furthermore, there are sufficient unobligated funds in Supplemental Agreement No.4 to cover their cost. Please let me know if you find them acceptable. If so, I will direct ATS to perform the work, and include these items in a final change order submittal at a future date.

Please let me know if you have any questions.

Thanks,

Mark Feibes, P.E.

Section Manager

Department of Environmental Quality and Public Works
Division of Engineering, Design and Construction Section

859.258.3428 office

859.227.6319 cell

lexingtonky.gov



1775 - 2025

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TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: October 30, 2024

RE: Clays Mill Road Widening
BID NO. 17-2020
Post Construction Signing Changes

After construction of the original signing was completed on the project, LFUCG made additional requests to move some of the signs to Luminary poles using bands and to redo the street name signs to be dual-single sided signs mounted directly to the post. This extra work was performed by a subcontractor while performing punch-list work (originally performed by ATS).

The attached invoice was sent to ATS Construction for both scopes of work. I have broken out the extra work from the punchlist work. This breakout includes the cost to move signs to the luminary poles, add street label signs, and replace posts with longer posts as necessary.

Total Cost (including markup) - \$14,963.55

We request that you review and respond to this information at your earliest convenience. Should you have any questions during the review, please feel free to contact me.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Clays Mill Road Signing Extra Work

Breakout for Extra work only as highlighted in Green on next page

	QTY	UC	MU	UP	Amount
Luminary					
Install	46	\$ 125.00	5%	\$ 131.25	\$ 6,037.50
Premium	46	\$ 75.00	5%	\$ 78.75	\$ 3,622.50
					\$ 9,660.00
Sign Change					
14' Post	22	\$ 125.00	5%	\$ 131.25	\$ 2,887.50
16' Post	3	\$ 142.00	5%	\$ 149.10	\$ 447.30
Premium	25	\$ 75.00	5%	\$ 78.75	\$ 1,968.75
					\$ 5,303.55
Total					\$ 14,963.55

District 7 - Furnishing & Installing Roadway Sheeting Signs**S&L Contracting - Contractor****Master Agreement No. MA-605-2200000202-1***Expires 10/31/2023***County: FAYETTE****Route: CLAYS MILL****Milepoints:****Date: August 22, 2023****Completion Date:** _____**DO#: NOT COMPLETED****Inspection Date:** _____**Notes:**

Items	Description	Unit	Qty	Unit Cost	Total Cost
0	PAY ADJUSTMENT FOR SCALE	EA	96	\$75.00	\$ 7,200.00
1	REINSTALL EXISTING SIGN	EA	142	\$65.00	\$9,230.00
2	REINSTALL EXISTING POST	EA	21	\$75.00	\$1,575.00
3	REMOVE EXISTING SIGNS AND ASSEMBLY	EA	42	\$65.00	\$2,730.00
4	REPAIR TYPE "D" OMNI-DIRECTIONAL BREAKAWAY SLIP BASE	EA	0	\$190.00	\$0.00
5	REPAIR CONCRETE SURFACE MOUNT SYSTEM	EA	0	\$100.00	\$0.00
6	INSTALL BAR CODE AND DATA FILE	EA	0	\$8.00	\$0.00
7	ANCHOR INSTALLATION THRU CONCRETE or ASPHALT	EA	0	\$75.00	\$0.00
8	CONCRETE SURFACE MOUNT SYSTEM	EA	0	\$212.00	\$0.00
9	ANCHOR SIGN POST TO BARRIER WALL	EA	0	\$168.00	\$0.00
10	LUMINARY, UTILITY, OR SIGNAL POLE INSTALLATION OF SIGNS	EA	46	\$125.00	\$5,750.00
11	12 GAGE ANCHOR (3' X 2.25" X 2.25") FOR TYPE 1 POST w/ 10 GAGE SOIL STABILIZER	EA	50	\$180.00	\$9,000.00
12	TYPE "D" OMNI-DIRECTIONAL BREAKAWAY SLIP BASE & ANCHOR	EA	0	\$750.00	\$0.00
13	7 GAGE HEAVY DUTY ANCHOR (3" X 3" X 48") FOR TYPE I POST (2.5" X 2.5")	EA	0	\$500.00	\$0.00
14	7 GAGE HEAVY DUTY WINGED ANCHOR (3" X 3" X 36") FOR TYPE I POST (2.5" X 2.5")	EA	0	\$300.00	\$0.00
15	7 GAGE QUICK DRIVE ANCHOR (3" X 3" X 36") FOR TYPE I POST (2.5" X 2.5")	EA	0	\$218.00	\$0.00
16	8" TRIANGULAR SLIP BASE BOTTOM INSERT & TOP HALF (USE WITH ITEMS #13 & #14)	EA	0	\$150.00	\$0.00
17	12 GAGE SQUARE POST (TYPE I) 8' X 2" X 2"	EA	0	\$75.00	\$0.00
18	12 GAGE SQUARE POST (TYPE I) 10' X 2" X 2"	EA	0	\$90.00	\$0.00
19	12 GAGE SQUARE POST (TYPE I) 12' X 2" X 2"	EA	0	\$107.00	\$0.00
20	12 GAGE SQUARE POST (TYPE I) 14' X 2" X 2"	EA	22	\$125.00	\$2,750.00
21	12 GAGE SQUARE POST (TYPE I) 16' X 2" X 2"	EA	3	\$142.00	\$426.00
22	12 GAGE SQUARE POST (TYPE I) VAR X 2.50" X 2.50" (USE WITH ITEMS #12 THRU #15)	LFT	0	\$15.00	\$0.00
23	12 GAGE SQUARE POST (TYPE I) VAR X 2.25" X 2.25" (USE INSIDE ITEM #22)	LFT	0	\$13.00	\$0.00
24	ALUMINUM SIGN BRACING	LFT	0	\$18.00	\$0.00
25	REFLECTIVE SIGN POST PANEL (3" X 60")	EA	0	\$23.00	\$0.00
26	REFLECTIVE SIGN POST PANEL (3" X 72")	EA	0	\$26.00	\$0.00
27	ADJUSTABLE CHEVRON BRACKET	EA	0	\$150.00	\$0.00
28	REGULATORY SIGN ≤ 36" IN WIDTH AND HEIGHT (0.080 GAGE, Type XI Sheeting)	SQFT	0.00	\$16.80	\$0.00
29	REGULATORY SIGN > 36" IN WIDTH OR HEIGHT (0.125 GAGE, Type XI Sheeting)	SQFT	0.00	\$18.65	\$0.00
30	CUSTOM REGULATORY SIGN ≤ TO 36" IN WIDTH & HEIGHT (0.080 GAGE, Type XI Sheeting)	SQFT	0.00	\$18.00	\$0.00
31	CUSTOM REGULATORY SIGN > 36" IN WIDTH OR HEIGHT (0.125 GAGE, Type XI Sheeting)	SQFT	0.00	\$22.00	\$0.00
32	WARNING SIGN ≤ TO 36" IN WIDTH & HEIGHT (0.080 GAGE, Type XI, BLACK / YELLOW)	SQFT	0.00	\$16.80	\$0.00
33	WARNING SIGN ≤ TO 36" IN WIDTH & HEIGHT (0.080 GAGE, Type XI, FLUORESCENT)	SQFT	0.00	\$16.80	\$0.00
34	WARNING SIGN > 36" IN WIDTH OR HEIGHT (0.125 GAGE, Type XI, BLACK / YELLOW)	SQFT	0.00	\$18.65	\$0.00
35	WARNING SIGN > 36" IN WIDTH OR HEIGHT (0.125 GAGE, Type XI, FLUORESCENT)	SQFT	0.00	\$18.65	\$0.00
36	CUSTOM WARNING SIGN ≤ TO 36" IN WIDTH & HT (0.080 GAGE, Type XI, BLK / YELLOW)	SQFT	0.00	\$22.00	\$0.00
37	CUSTOM WARNING SIGN ≤ TO 36" IN WIDTH & HT (0.080 GAGE, Type XI, FLUORESCENT)	SQFT	0.00	\$22.00	\$0.00
38	CUSTOM WARNING SIGN > 36" IN WIDTH OR HT (0.125 GAGE, Type XI, BLK / YELLOW)	SQFT	0.00	\$18.65	\$0.00
39	CUSTOM WARNING SIGN > 36" IN WIDTH OR HT (0.125 GAGE, Type XI, FLUORESCENT)	SQFT	0.00	\$22.00	\$0.00
40	TYPE 1 & 4 OBJECT MARKER 18" X 18" WITH NINE RETROREFLECTIVE DEVICES	EA	0	\$83.00	\$0.00
41	TYPE 2 OBJECT MARKER 6" X 12" WITH THREE RETROREFLECTIVE DEVICES	EA	0	\$43.00	\$0.00
42	INTERSTATE ROUTE SIGN W/ KENTUCKY 24" X 24"	EA	0	\$100.00	\$0.00
43	INTERSTATE ROUTE SIGN W/ KENTCUKY 36" X 36"	EA	0	\$150.00	\$0.00
44	GUIDE, INFO, & SERVICE SIGN ≤ TO 36" IN WIDTH & HEIGHT (0.080 GAGE, Type XI Sheeting)	SQFT	0.00	\$16.80	\$0.00
45	GUIDE, INFO, & SERVICE SIGN > 36" IN WIDTH OR HEIGHT (0.125 GAGE, Type XI Sheeting)	SQFT	0.00	\$18.65	\$0.00
46	CUSTOM GUIDE SIGN ≤ TO 36" IN WIDTH & HEIGHT (0.080 GAGE, Type XI Sheeting)	SQFT	0.00	\$16.80	\$0.00
47	CUSTOM GUIDE SIGN > 36" IN WIDTH OR HEIGHT (0.125 GAGE, Type XI Sheeting)	SQFT	0.00	\$18.65	\$0.00
0				Total:	\$38,661.00



TO: Mark Feibes, PE
LFUCG Project Engineer

FROM: Dylan Murphy, PE
ATS Construction Project Manager

DATE: December 13, 2024

RE: Clays Mill Road Widening
BID NO. 17-2020
Overall Project Delay Claim

The intent of this letter is to formally submit a construction delay claim proposal for the above referenced project. While several claims have been handled directly through change orders, ATS Construction has experienced a loss of production for several aspects of the job due to factors outside of our control. Pursuant to the contract documents, ATS Construction followed KYTC Specification 105.13 and submitted form TC 63-77 "Notice of Potential Claim" on three occasions as listed below.

Description	Date Submitted
Longview Storm	3/1/2022
Sheridan Storm Conflict	3/1/2022
Culvert Storm Conflicts	3/10/2022

The first two items were handled directly via change order; however the last item (Culvert Storm Conflicts) is where ATS Construction experienced the largest delays and loss of production. Attached to this letter is the original TC 63-77 form submitted on March 10, 2022.

On this day, ATS Construction had mobilized crews and equipment to the area of the proposed box culvert (Approx Sta 196+50) to begin laying the storm sewer pipe that connects to the box culvert for phase 2 construction. During our exploration of utilities, ATS crews found that the existing and proposed waterlines were in the way of installing the storm sewer as well as finding out that the existing Sanitary sewer that crossed the creek was in direct conflict with the proposed storm along with the proposed box culvert installation. Further investigation by the Engineer of Record (EOR) and LFUCG revealed that the existing sanitary sewer would have to be redesigned and rerouted to allow for the proposed storm sewer to be installed.

This halted the work on the project and started a domino effect of lost production throughout the project that rippled to the very end. The information below will provide background information along with impacts to construction.

Background

As a part of the bid documents for this project, the contractor was to construct the project in two major phases as utility relocations were still ongoing at the time of the bidding. Phase 1 could be worked on immediately and was defined in the bid documents as Station 116+19 to 169+00 (Waco Road to Stratford Drive). Phase 2 was defined as STA 169+00 to 215+95 (Stratford Drive to Harrodsburg Road). As directed by the utility notes, the contractor could not work in phase 2

file: C:\Users\dmurphy\ATS Construction\ATS PM - Grade-Drainage-Concrete - Projects-Field Information\620012_17-2020_LFUCG CLAYS MILL RD IMPROV\Correspondence\Submittals

area until all relocation work was completed. The contractor was also instructed to anticipate all utility relocations to be completed 366 days following the Notice to Proceed which would have been 10/7/2021. Below is the excerpt from the utility notes in the bid proposal.

“Until all Phase 2 utility relocation work is complete, the CONTRACTOR may only work within the Phase 1 area, unless written arrangements have been made with the Engineer to permit specific work in Phase 2. 366 days following Notice to Proceed, the CONTRACTOR can anticipate full access to the Phase 2 area. However, as utility relocation work will be ongoing at the time of contract award, there may be exceptions.”

The Notice to proceed was issued October 12, 2020, therefore making the official Phase 2 start date October 13, 2021.

Further, the original bid documents also allowed for a full roadway closure for the construction of the culvert at STA 196+43; however, there are important notes to consider with this closure.

1. Technical Specification B.3 stated that the closure must be restricted to the summer. It became further defined later that “summer” meant from the last school closing to the first school opening. There were approximately 5 schools located along the project corridor and at time of bid the school closings/openings could not be accurately defined. However, given that Phase 2 could not start until 366 days after the Notice to Proceed, it was reasonable to deduct that the following summer after Phase 2 starting would be when the culvert would be constructed which would be the summer of 2022.
2. The bid documents, including the traffic control plans, did not clearly define limits of the closures and how it would be controlled. There was an obvious 4 lane, signalized intersection to the south at Lane Allen and Clays Mill, however the north side of the culvert had multiple approach roads, most of which did not line straight up and no defined road closure limit.

With the information above, ATS Construction was able to prepare a detailed preconstruction schedule for Phase 1 (Waco Road to Stratford) for the first year of the project, however with the unknowns of utility companies and the notice to proceed, we could not prepare a detailed schedule for phase 2. The preconstruction schedule showed us constructing phase 2 during the second year of the project and listed the box culvert being constructed in the summer of 2022. During the first year of the project, we were able to monitor the progress of the utility company relocations in phase 2 and also discuss the sequence of construction once we could begin. During our progress meetings it was discussed and determined the best place for us to start Phase 2 construction was at the box culvert and work our way back towards Lane Allen Blvd. This was based on the current status of utility relocations at the time as well as starting at the low point of the new drainage system in order to maintain drainage throughout phase 2. This would also allow us to tie in the drainage system to the new culvert while the road was closed. All construction materials (including precast) were ordered for this priority and delivered to the project as such.

Challenges and Impacts

As soon as we uncovered the impacts of the waterline and the sewer line, the project immediately was delayed. We had completed all the work we could on Phase 1 for the drainage crew until further questions were answered and we did not have any precast materials built to jump to a different spot on phase 2. We immediately notified LUFUG of the issues and that we were shut down.

It became quickly apparent that the sanitary sewer conflict would require a redesign and would HAVE to be relocated prior to the storm sewer AND the proposed box culvert being constructed. Therefore, ATS Construction met with LUFUG to look at options to continue work in other locations, however there were several challenges that were presented in this path.

The first and biggest challenge was that contrary to the bid documents, utility companies such as gas, water, electric and communications were still not relocated in several locations of phase 2 work after the 366 day deadline. There were places where gas or water mains had been relocated, but the service taps were not. This would create an issue where both existing AND new facilities would have to be worked around to perform construction activities. If a service line was exposed while performing construction activities, we would have to halt operations to confirm if the line was live or dead. In some cases, the utility companies and/or their contractor could not or would not tell us the status of the exposed line. With an urban project such as this with a multitude of residences and service lines, it is expected that utility conflicts should have some impact on the efficiency of construction. A reasonable amount of conflicts were factored into this project; however, the bid documents stated that all utilities should have been relocated by October 13, 2021. The actual final relocation of all utilities was not until Fall of 2022 with a major relocation occurring in the intersection of Lane Allen Blvd and Clays Mill Road.

The next challenge was that none of the precast shop drawings outside of the first area of phase 2 had been approved for construction and were therefore not built. Given the urban nature of the project, it was imperative that the drainage was installed at the same time as the widening excavation was performed.

After discussions with LFUCG officials, we were able to work out a plan that could get the crews back to work. ATS crews had to form and pour and/or modify existing precast boxes to construct Right of Centerline from Stratford to Mitchell Ave. While additional costs for the boxes were handled via a direct change order, excavation crews in a hindered to have to double back to locations to backfill boxes rather than backfilling and compacting immediately after installing the precast wells.

After notifying LFUCG of the sanitary sewer conflicts, LFUCG notified the CDP Engineers, the Engineer of Record (EOR) to investigate and design a relocation of the existing sanitary sewer. During this process, ATS Construction learned that an LFUCG Division of Water Quality (DWQ) project was currently being designed to relocate the sanitary main on the North side of the culvert. This DWQ project and main relocation would need to be taken into account for the redesign of the sanitary that was in conflict with our work. As mentioned earlier in this letter, the TC 63-77 form was submitted on March 10, 2022. Final relocation plans for the sanitary sewer were received June 22, 2022. It is important to note that the relocation PLANS were received approximately one month into the summer shutdown that the culvert was supposed to be constructed in delaying these crews as well. Shop drawings were expedited and approved and precast materials were delivered to the project August 26, 2024 for construction to begin on the relocation of the sanitary sewer.

Conclusion

After all these challenges and impacts, ATS Construction and LFUCG officials met to discuss the remainder of the project. Even though the sanitary had to be relocated, the culvert was delayed by several months, and the crews continually had to jump around to avoid utilities and obstacles to keep work moving, ATS Construction committed to LFUCG that we would have the project substantially complete by the original completion date by any means necessary. ATS crews worked extended hours, provided additional crews, and completely prioritized this project to meet this commitment. We are proud to have partnered with LFUCG and can successfully say that we met this commitment.

With that said, this success did not come without additional costs incurred by ATS Construction. We see that two major items of work were impacted by this loss of production. The first being roadway excavation and the second being Sidewalk construction.

As bid, ATS Construction budgeted Approximately 2,268.95 Manhours to perform the roadway excavation requirements of this project. Actual Manhours used at the end of the project totaled 10,276.5 manhours for a difference of 8,007.55 manhours.

As mentioned previously, ATS Construction bid this project with the idea that all of Phase 2 would be available for construction after the given date. Therefore, construction could commence in an efficient manor in large sections, including the finish work such as Sidewalk construction. With this knowledge, ATS Construction bid this project to slip-form a majority of the sidewalk construction. Since crews continually had to jump around, most of the project had to be hand formed instead which takes more crew members and more time. As seen in Attachment A, we spent an additional 2,952.82 manhours to construct the sidewalk. Attachment B shows additional breakdown of these manhours.

As you can see in Attachment A, an efficiency factor has been applied to each line item. We understand that we are not perfect and some of these manhours may be for corrective or redo work. The purpose of this efficiency factor is to take that into account. Furthermore, given that this is a scale job, I have applied an average wage amount of \$50/Hour to account for the different pay scales within the crew. Attachment C shows further breakdown of these manhours.

For these two items, ATS Construction requests payment for \$438,414.80 for additional costs incurred due to the loss of production and delays as described above. Please note that this is **ONLY** for labor costs. ATS Construction does not intend to seek additional payment for idle equipment, lost profit on other jobs, or any other form of loss so long as LFUCG and ATS Construction come to an agreement on labor costs.

Please review this information and reply at your earliest convenience. ATS Construction values the professional relationship with LFUCG both on this project and all other projects we work on. We look forward to discussing this and finishing this project out.

Respectfully submitted,

Dylan Murphy, PE
Project Manager
ATS Construction

CC: Doug Burton, PE LFUCG Engineering
Brian Billings, PE ATS Construction
Jamie Davis, Superintendent, ATS Construction
Josh Withrow, PE KYTC

Clays Mill Road Claim Summary

			Billing Info			Budgeted		Actual						
Item #	Description	UM	Billed Qty	UP	Billed Amt	MH/Unit	Total MH	MH/Unit	Total MH	Difference	Efficiency Factor	Loss Production MH	Avg \$/HR	Amount
90	EXCAVATION AND PLACEMENT	LS	1.00	\$ 400,000.00	\$ 400,000.00				10,276.50	8,007.55	80%	6,406.04	\$ 50.00	\$ 320,302.00
190	SIDEWALK 4.5 INCH CONCRETE	SY	9,856.20	\$ 35.00	\$ 344,967.00	0.146	2,411.68	0.544	5,364.50	2,952.82	80%	2,362.26	\$ 50.00	\$ 118,112.80

\$ 438,414.80

Clays Mill Road - Loss Production Claim Items - Details Info

Cost Code	Description	Unit	Budgeted Quantity	Actual Quantity	Expected Labor Hours	Actual Labor Hours
Sidewalk						
30.02719.01	SIDEWALK-4 1/2 INCH CONCRETE- MACHINE POUR	SY	8,905.00	1,803.43	235.83	477.50
30.02719.02	SIDEWALK-4 1/2 INCH CONCRETE- HAND POUR	SY	1,100.00	8,063.58	2,175.85	4,887.00
Totals:			10,005.00	9,867.01	2,411.68	5,364.50
Roadway						
Excavation						
50.02200.01	SITE PREP	MH			180.00	182.00
50.02200.02	TEMP WIDENING/DIVER SIONS GRADING	MH			210.00	237.50
50.02200.03	EXC TO EMB	CY			532.09	2,245.50
50.02200.04	EXC TO WASTE - VULCAN	CY			557.95	2,423.00
50.02200.041	EXCAVATION BY MILLING	CY			-	155.00
50.02200.05	EXC FOR RET WALL	CY			80.00	116.00
50.02200.07	BLUETOP	SY			134.51	176.00
50.02200.08	FINAL DRESS	MH			450.00	3,232.50
50.02568.71	FUEL TRUCK	MH			-	1,475.00
50.02568.72	GREASE TRUCK	MH			-	34.00
Totals:					2,144.55	10,276.50

Mark Feibes

From: Mark Feibes
Sent: Tuesday, October 29, 2024 12:35 PM
To: (Shane.Tucker@ky.gov)
Subject: Clays Mill Road 224.1 - Claims Notices
Attachments: 220310TC 63-77-Notice_CulvertStormConflicts.pdf; 220301TC 63-77-Notice_Longview Storm.pdf.pdf; 220301TC 63-77-Notice_SheridanStormSanConflict.pdf

Shane,

Attached are three Notice of Potential Claim forms from ATS for the CMR project. In addition to quantifiable items, they also indicate there each one has delays associated with them.

Thanks,

Mark Feibes, P.E.

Section Manager

Department of Environmental Quality and Public Works

Division of Engineering, Design and Construction Section

859.258.3428 office

859.227.6319 cell

lexingtonky.gov



LEXINGTON



1775 - 2025

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Kentucky Transportation Cabinet
Division of Construction
NOTICE OF POTENTIAL CLAIM

TC 63-77
01/2018

TO: Mark Feibes DATE: 3/1/2022
Project Engineer

SUBJECT: 603 KAR 2:015 Sections 9 & 10

PROJECT NO: Clays Mill Road Improvements Cont_Id 209999

COUNTY: _____

Please accept this letter as Notice of a Potential Claim on the subject project.

BID ITEMS: Maintain and Control Traffic, Storm Sewer, and others not recognized at this time

REASON: On 2/21/22, Relocated waterline in direct conflict with proposed storm sewer pipe crossing
Longview Dr. Further investigation showed waterline had been relocated improperly at wrong elevations.
Contractor incurred extra costs for traffic control and loss of production as crews had to stop work due to conflict.
Claim includes Loss of Production, Overhead, Idle Equipment time, and other delays requiring a time extension.

LOCATION: Longview Drive at Clays Mill Road Intersection where proposed storm sewer crosses
Longview Drive.

CONTRACTOR: ATS Construction

BY: _____

TITLE: _____

Jon R. Phillip
President

NOTE: The Project Engineer should
Acknowledge receipt of this notice
Within 7 days by transmitting Form
TC 63-78 to Contractor.

RECEIVED BY: _____

TITLE: _____

DATE RECEIVED: _____



Kentucky Transportation Cabinet
Division of Construction
NOTICE OF POTENTIAL CLAIM

TC 63-77
01/2018

TO: Mark Feibes DATE: 3/1/2022
Project Engineer

SUBJECT: 603 KAR 2:015 Sections 9 & 10

PROJECT NO: Clays Mill Road Improvements Cont_Id 209999

COUNTY:

Please accept this letter as Notice of a Potential Claim on the subject project.

BID ITEMS: Maintain and Control Traffic, Storm Sewer, and others not recognized at this time

REASON: On 2/28/2022, it was discovered that multiple existing Sanitary Sewer facilities are in direct conflict with the proposed storm sewer boxes and pipe lines. This includes, but not limited to, Sanitary Manholes in Conflict with proposed curb boxes and Sanitary Trunk lines crossing at conflicting elevations with proposed storm lines.

LOCATION: Sheridan Drive at Clays Mill Road intersection where proposed storm crosses Sheridan Dr
NOTE: LFUCG is meeting with ATS employees to work out solution, however extra costs for claim include, Loss of production, rework of facilities already placed, and additional work as directed by LFUCG

CONTRACTOR: ATS Construction

BY:

TITLE:

Jon R. Phillip
President

NOTE: The Project Engineer should
Acknowledge receipt of this notice
Within 7 days by transmitting Form
TC 63-78 to Contractor.

RECEIVED BY:

TITLE:

DATE RECEIVED:



Kentucky Transportation Cabinet
Division of Construction
NOTICE OF POTENTIAL CLAIM

TC 63-77
01/2018

TO: Mark Feibes DATE: 3/10/2022
Project Engineer

SUBJECT: 603 KAR 2:015 Sections 9 & 10

PROJECT NO: Clays Mill Road Improvements Cont_Id 209999

COUNTY: _____

Please accept this letter as Notice of a Potential Claim on the subject project.

BID ITEMS: Storm Sewer-36 IN, Maintain and Control Traffic, Mobilization, and others not recognized
at this time. This in addition to project delays.

REASON: On the afternoon of 3/10/2022, ATS Construction completed the current storm phase and
Started exploring the next phase of storm work as discussed in the progress meeting between ATS and LFUCG
Upon starting exploratory work, it was observed that several waterlines (new and existing) are in conflict with storm
along with an existing sanitary manhole. All work was stopped and the project is on delay as there is no other place
for crews to work. Two pipe crews and equipment are idle.

LOCATION: Waterline Conflicts Approx Stations LT 196+25, 195+90, 195+52 (known). Sanitary manhole
LT Sta 196+06. Other conflicts possible as waterlines have not been switched to new main.

Additional Note: Further investigation revealed
Sanitary sewer crossing the creek will be in conflict
with proposed construction as well making a large
portion of this sanitary needing to be dealt with.

CONTRACTOR: _____

ATS Construction

BY: _____

TITLE: _____

President

NOTE: The Project Engineer should
Acknowledge receipt of this notice
Within 7 days by transmitting Form
TC 63-78 to Contractor.

RECEIVED BY: _____

TITLE: _____

DATE RECEIVED: _____

Mark Feibes

From: Mark Feibes
Sent: Tuesday, March 15, 2022 9:57 AM
To: (Shane.Tucker@ky.gov); Jones, Jackie (KYTC)
Cc: Josh Withrow (joshua.withrow@ky.gov); Rhodes, Stephen (KYTC-D07); Darrin Wallingford (darrinw@lexingtonky.gov); W. Douglas Burton
Subject: FW: 220310TC 63-77-Notice_CulvertStormConflicts.pdf
Attachments: 220310TC 63-77-Notice_CulvertStormConflicts.pdf; RE: CMR - Friday meeting Follow Up

Shane and Jackie,

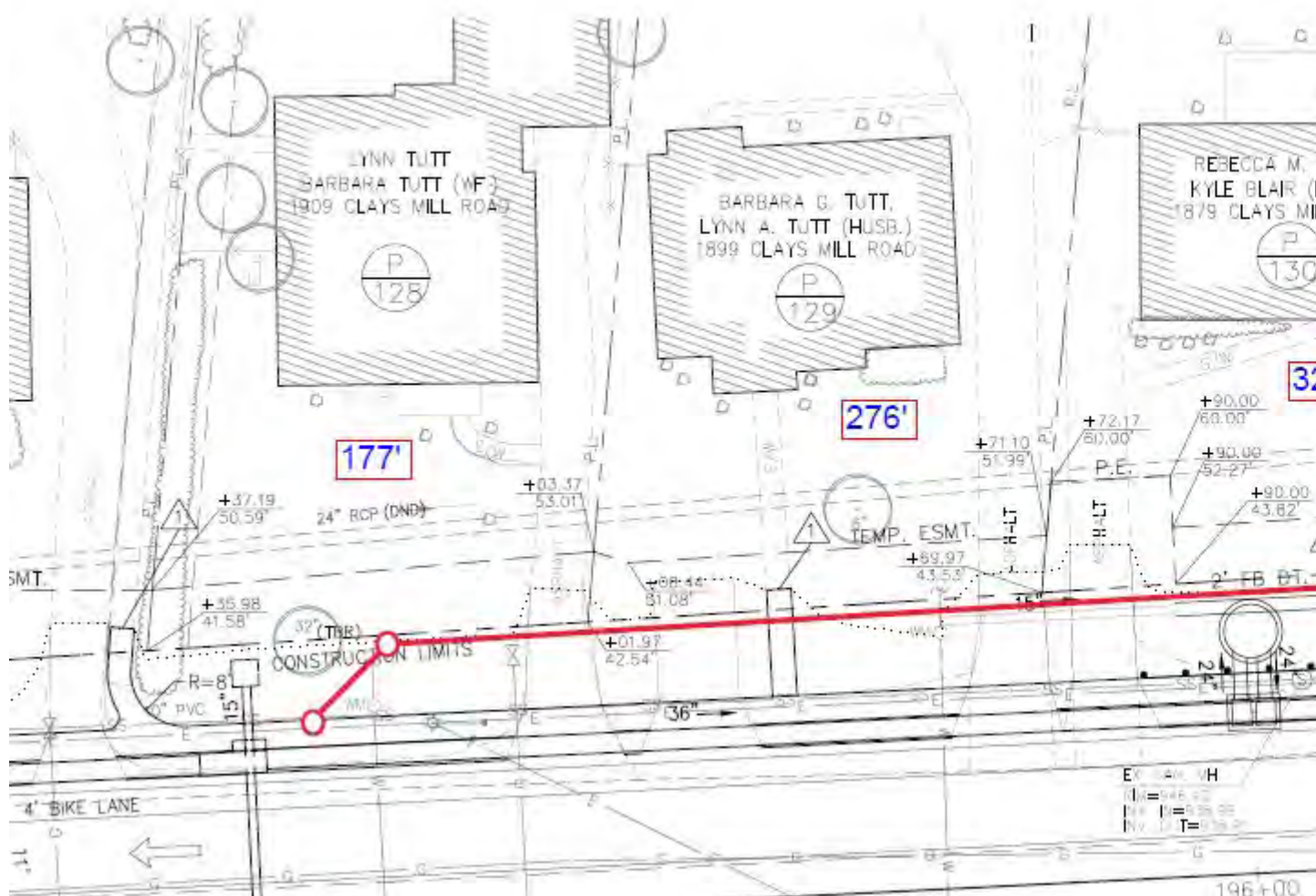
ATS has submitted another Notice of Potential Claim. This one is a complicated situation. I've attached the Notice, and also a string of follow-up e-mails related to this matter.

In short: The existing sanitary manholes on either side of the Wolf Run culvert are in the path of the new 36" stormwater pipe. The orange lines in the photo below represent the centerline and outside edges of where the new pipe will go. The farther the sanitary sewer is from the culvert, the farther away it is from the future storm sewer. So, a solution is to abandon a section of existing sanitary sewer and lay new sewer further from the future stormwater pipe. At the bottom of this e-mail is a rough concept.

I'm giving you all this detail because in order to prepare a redesign, we need to conduct a field investigation involving potholing and surveying to identify all potential buried conflicts. ATS is proposing to do this work on a T&M basis. Please let me know if this is an acceptable approach.

As for the delay claim – Doug and I will be meeting with ATS in the future to discuss the specifics.





Sincerely,

Mark Feibes, P.E.

Section Manager

Department of Environmental Quality and Public Works
Division of Engineering, Design and Construction Section

859.258.3428 office

859.227.6319 cell

lexingtonky.gov



LEXINGTON

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From: Dylan Murphy <DMurphy@atsconstruction.com>

Sent: Friday, March 11, 2022 7:36 AM

To: Mark Feibes <mfeibes@lexingtonky.gov>

Cc: Withrow, Joshua B (KYTC-D07) <joshua.withrow@ky.gov>; Rhodes, Stephen (KYTC-D07) <stephen.rhodes@ky.gov>; Jamie Davis <JDavis@atsconstruction.com>; Mike McClain <MMcClain@atsconstruction.com>; Brian Billings

<BBillings@atsconstruction.com>; Darrin Wallingford <darrinw@lexingtonky.gov>

Subject: 220310TC 63-77-Notice_CulvertStormConflicts.pdf

[EXTERNAL] Use caution before clicking links and/or opening attachments.

Mark,

Based on our findings yesterday and additional findings in my email last night, please see attached notice of potential claim.

I am about to head on to the site to investigate further before our meeting at 9am.

Thank you,

Dylan Murphy, PE

Project Engineer

ATS Construction

3009 Atkinson Avenue

Suite 400

Lexington, KY 40509

Work: (859) 543-4536

Cell: (859) 559-1001

DMurphy@atsconstruction.com



Kentucky Transportation Cabinet
Division of Construction
NOTICE OF POTENTIAL CLAIM

TC 63-77
01/2018

TO: Mark Feibes DATE: 4/26/2022
Project Engineer

SUBJECT: 603 KAR 2:015 Sections 9 & 10

PROJECT NO: Clays Mill Road Improvements Cont_Id 209999

COUNTY: _____

Please accept this letter as Notice of a Potential Claim on the subject project.

BID ITEMS: 10 IN PVC, other incidental items, contract time and other items not
known at this time. Supplemental pricing will be required to remove and relay the line

REASON: Upon placing proposed sanitary manhole C4 in the middle of Mitchell Avenue,
the invert was discovered to be higher than the invert of the existing manhole that we were to
tie on to. Further investigation shows that approved shop drawings had inaccurate inlet/outlet
elevations on MH C5 causing the upstream pipe to be laid almost 1' higher

LOCATION: 10 IN Sanitary Sewer between Proposed MH C5 and Proposed MH C4 at
Michell Avenue.

Error found 4/26/22 around 3:00PM. Attached documents show approved shop drawing with elevation bust.

CONTRACTOR: _____

ATS Construction

BY: _____

Jon R. Phillip

TITLE: _____

President

NOTE: The Project Engineer should
Acknowledge receipt of this notice
Within 7 days by transmitting Form
TC 63-78 to Contractor.

RECEIVED BY: _____

TITLE: _____

DATE RECEIVED: _____

Job Name: CLAYS MILL RD. (SECTION 1)-SO# S2218



Contractor: ATS CONSTRUCTION

Plant: ICAST-KY

Structure ID: MH-C5 (417+04) ✓

Spec: Sanitary

Type: Manhole

Size: 48"

 Rim: 963.25' *962.93'*
 Invert: 954.7' *954.50'*
 Catch: 3"

 Rim to Invert: 8.55' *8.93'*
 Overall Height: 9.083'
 Slack: 2.6"

- P4) 24" - CASTING HEIGHT ADJST. - 7"
 P3) MH048CN36 - 48" - ECC CONE w/ 24" HOLE - 36"
 P2) MH048RS24 - 48" - MH RISER - 24"
 P1) MH048BA36 - 48" - MH BASE - 42"
 1) MH048IV04-08 - 48" - SAN. INV. - 2/3 HEIGHT
 2) 48" - DBL 1"x14.5' Butyl (2x)
 3) SLEEVE16Y - PSX - 16Y NYLO
 8) MHSTEPSAMERICAN - MH Step - 12"

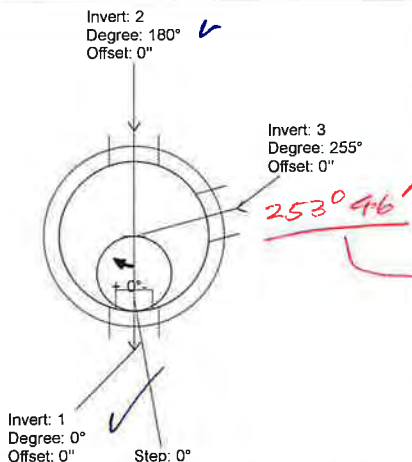
0 lb
 3000 lb
 1734 lb
 3712 lb
 1075 lb
 0 lb
 24 lb
 0 lb

Structure Total: 9545 lb

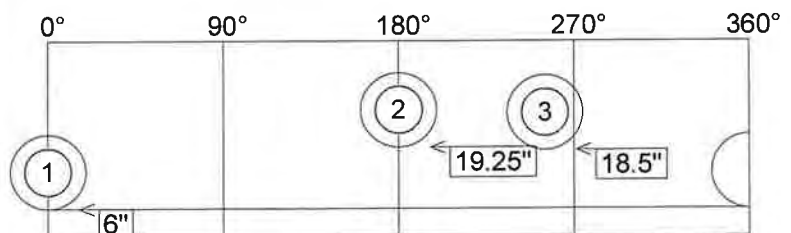
Structure Notes:

- MANUFACTURED TO ASTM C-478 AND LFUCG SPECIFICATIONS.
- MANHOLE FRAME & COVER (BY OTHERS)
- CS-102 1" BUTYL REQUIRED FOR MANHOLE JOINT SEAL (BY ICAST).
- RIM ELEVATION TO BE VERIFIED.

1) Manhole MH-C5 is the trunkline sewer (in mainline pavement.)
 2) Elevations are conflated w/ MH-C6



Position	Elev	Angle	Hole	UP ()	Ext. (cw)	Pipe	Connector	Ref
Rim	963.25'							
Reducer								
Invert 1	954.7'	0° ✓	16"	6"	0"	10" PVC SDR35	PSX 16Y NYLO	P1
Invert 2	955.8'	180° ✓	16"	19.25"	91"	10" PVC SDR35	PSX 16Y NYLO	P1
Invert 3	955.75'	255° ✓	16"	18.5"	129"	10" PVC SDR35	PSX 16Y NYLO	P1
Invert 4								
Invert 5								
Invert 6								

Default - Interior Dimensions

- 24" - CASTING HEIGHT ADJST. - 7" - (P4)
 MH048CN36 - 48" - ECC CONE w/ 24" HOLE - 36" - (P3)
 MH048RS24 - 48" - MH RISER - 24" - (P2)
 MH048BA36 - 48" - MH BASE - 42" - (P1)

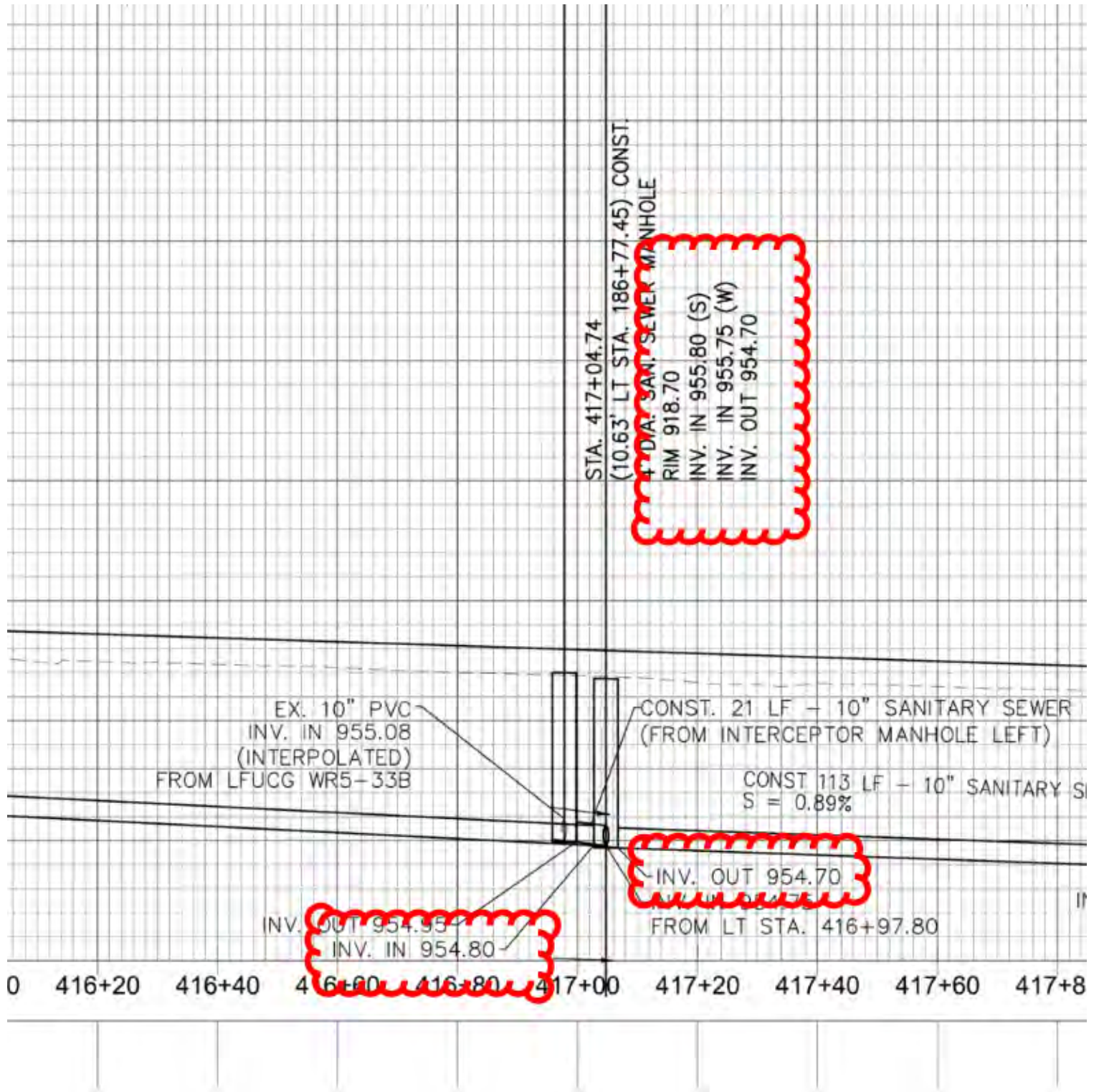
INFRASTRUCTURE PRECAST, INC. BEAVER DAM, KY.

PC: J.H. ROSS, PE

Drawn By: N. RICHARDS

 Submittal Drawing
 2/7/2022 4:33:05 PM

 SUBMITTAL
 APPROVED BY:



Mark Feibes

From: McGaha, Tony T (KYTC-D07) <Tony.McGaha@ky.gov>
Sent: Monday, November 18, 2024 8:46 AM
To: Mark Feibes; Tucker, Shane S (KYTC-D07)
Subject: RE: Clays Mill Road 224.1 - Claims Notices

[EXTERNAL] Use caution before clicking links and/or opening attachments.

Yeah, all the info they can give you, the better

From: Mark Feibes <mfeibes@lexingtonky.gov>
Sent: Monday, November 4, 2024 3:12 PM
To: McGaha, Tony T (KYTC-D07) <Tony.McGaha@ky.gov>; Tucker, Shane S (KYTC-D07) <Shane.Tucker@ky.gov>
Subject: RE: Clays Mill Road 224.1 - Claims Notices

Tony,
Thomas Clements of our office brought to my attention a delay claim for the Armstrong Mill Road sidewalk project filed by Louisville Paving. They submitted the attached spreadsheet with a labor, equipment and materials worksheet for each day. Is this the kind of submittal I should ask for from ATS for their Clays Mill Road Section 1 delay claim?
Thanks,

Mark Feibes, P.E.
Section Manager
Department of Environmental Quality and Public Works
Division of Engineering, Design and Construction Section

859.258.3428 office
859.227.6319 cell
lexingtonky.gov



1775 - 2025

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From: Mark Feibes
Sent: Tuesday, October 29, 2024 2:14 PM
To: McGaha, Tony T (KYTC-D07) <Tony.McGaha@ky.gov>; Tucker, Shane S (KYTC-D07) <Shane.Tucker@ky.gov>
Subject: RE: Clays Mill Road 224.1 - Claims Notices

Tony,
Not exactly. I met with Dylan Murphy last Friday to discuss final punchlist and change order items, and this topic came up. He presented me with a simple spreadsheet of a few bid items showing the number of hours they estimated for

bidding, and compared them to actual hours spent on each bid item. He then multiplied that by an “efficiency factor” – a percentage to reflect what he estimated was due to the delay – to determine the loss production manhours. He admitted that the efficiency factor was rather subjective. I asked him if this is the same methodology ATS uses on KYTC jobs for delay claims. He wasn’t sure, as none of his projects with KYTC have involved delay claims. Given this fuzzy approach, I asked Shane this morning for some direction. This project had numerous bumps in the road that slowed down their production, or halted production forcing them to mobilize elsewhere (project was two miles long), in some cases with different crews. Shane pointed me to Standard Spec 105.13, which is rather onerous. Can this be distilled down to some bare essential requirements that I can go back to ATS with?

Thanks,

Mark Feibes, P.E.

Section Manager

Department of Environmental Quality and Public Works
Division of Engineering, Design and Construction Section

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From: McGaha, Tony T (KYTC-D07) <Tony.McGaha@ky.gov>

Sent: Tuesday, October 29, 2024 1:30 PM

To: Tucker, Shane S (KYTC-D07) <Shane.Tucker@ky.gov>; Mark Feibes <mfeibes@lexingtonky.gov>

Subject: Re: Clays Mill Road 224.1 - Claims Notices

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Sure, have they submitted anything indicating how much they think they want?

From: Tucker, Shane S (KYTC-D07) <Shane.Tucker@ky.gov>

Sent: Tuesday, October 29, 2024 1:10:36 PM

To: McGaha, Tony T (KYTC-D07) <Tony.McGaha@ky.gov>; Feibes, Mark <mfeibes@lexingtonky.gov>

Subject: FW: Clays Mill Road 224.1 - Claims Notices

****CAUTION** PDF attachments may contain links to malicious sites. Please contact the COT Service Desk ServiceCorrespondence@ky.gov for any assistance.**

Can you assist Mark and I with the process of negotiating a claim? Thanks!



Shane Tucker
Dept.of Highways - District 7 - Planning
(859) 246-2355 OFFICE
(502) 564-2360 DIRECT

From: Mark Feibes <mfeibes@lexingtonky.gov>
Sent: Tuesday, October 29, 2024 12:35 PM
To: Tucker, Shane S (KYTC-D07) <Shane.Tucker@ky.gov>
Subject: Clays Mill Road 224.1 - Claims Notices

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Shane,
Attached are three Notice of Potential Claim forms from ATS for the CMR project. In addition to quantifiable items, they also indicate there each one has delays associated with them.
Thanks,

Mark Feibes, P.E.
Section Manager
Department of Environmental Quality and Public Works
Division of Engineering, Design and Construction Section

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