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**CONTRACT HISTORY FORM**

CM No. 4

Project Name Town Branch Trail Phase 5

Contractor: Palmer Engineering

Contract Number and Date: 209-2015 July 7, 2015

Responsible LFUCG Division: Engineering

**CONTRACT AND MODIFICATION DETAILS**

A. Original Contract Amount: \$ 666,502.00  
Next Lowest Bid Amount: NA

B. Amount of Selected Alternate or Phase: \$ \_\_\_\_\_

C. Cumulative Amount of All Previous Alternates or Phases: \$ 666,502.00

D. Amended Contract Amount: \$ 666,502.00

E. Cumulative Amount of All Previous Change Orders: \$ 119,500.00 17.9%  
(Line E / Line D)

F. Amount of This Change Order: \$ 23,000.00 3.5%  
(Line F / Line D)

G. Total Contract Amount: \$ 809,002.00

**SIGNATURES**

Project Manager: 

Reviewed by: 

Division Director: 

Date: 4/10/25

Date: 04/10/25

Date: 4/11/25

**JUSTIFICATION FOR CHANGE**

PROJECT: Town Branch Trail Phase 5

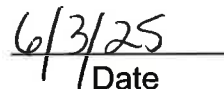
CONTRACT NO. 209-2015

CONTRACT MODIFICATION NO.: 4

1. Necessity for change: Revise plans for transfer station entrance to remain open, and tie storm sewer into Town Branch Trail Crossing project proposed storm sewer.
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. Effect on contract completion date: N/A



Mayor

  
Date



**Town Branch Phase 5 Contract Modification #4**

Please find attached a price proposal for Contract Modification No. 4 for Town Branch Trail Phase 4 & 5 design services.

The adjustment to the trail along Old Frankfort Pike (Sta 450+00 to 457+00) to minimize impacts to the waterline that is located in a private easement and to provide access to the existing transfer station at Sta 455+00. The access point was originally planned to be closed. The modifications required the plan, profile, cross section and drainage modifications. There was also an adjustment to the drainage along the frontage road (Sta 464+00 to 470+00) coordinate with EA Partners plan development.

<b>Trail Design Changes</b>	<b>\$23,000</b>
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<b><u>Total Contract Modification</u></b>	<b><u>\$23,000</u></b>
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Sincerely,

A handwritten signature in black ink, appearing to read 'S. Sewell', written over a light blue horizontal line.

Stephen Sewell, PE, PTOE  
President

<div> <b>PRODUCTION-HOUR WORKSHEET</b> <span>(revised 7/14)</span> </div>						
COUNTY	Fayette		PROJECT TYPE			
ROUTE	Town Branch Phase 4 & 5		CONSULTANT		PALMER	
DESC	SHARED USE PATH GRADE MODIFICATION		REVIEWED BY			
ITEM NO.			PREPARED BY		sds	
			DATE			
<b>SURVEY</b>						
No.	ITEM	CREW	UNIT		HRS/UNIT	
<b>RECONNAISSANCE</b>						
1	Control - (existing)	1	Mile			0
2	Utilities - (data gathering, identification & contact)	1	No.			0
3	Drainage - (sink holes, streams, pipes, etc.)	1	Mile			0
<b>CONTROL</b>						
4	Horizontal	2	Mile			0
5	Vertical	2	Mile			0
6	Process data	1	Mile			0
<b>PLANIMETRIC SURVEY</b>						
7	Planimetric location <i>(specify complete, pickup or update)</i>	2	Mile			0
8	Subsurface Utility Engineering, Quality Levels C & D	2	Mile			0
9	Subsurface Utility Engineering, Quality Level B	1	LS			0
10	Subsurface Utility Engineering, Quality Level A	1	LS			0
11	Process data	1	Mile			0
<b>TERRAIN SURVEY</b>						
12	DTM data collection <i>(Items 11-18 not required if used)</i>	2	Acre			0
13	Verify terrain model accuracy	2	Mile			0
14	Tie-ins	2	No.			0
15	Drainage situations survey (Bridge)	2	No.			0
16	Drainage situations survey (Culvert)	2	No.			0
17	Drainage pipe section (non-situation size)	2	No.			0
18	Flood plain data	2	No.			0
19	Railroad Surveys	2	No.			0
20	Additional necessary DTM data <i>(specify pickup or update)</i>	2	Acre			0
21	Process data	1	Mile			0
<b>ESTABLISH PROPERTY LINES &amp; OWNERSHIP</b>						
22	Contact & Interview Property Owners	1	Parcel			0
23	Field tie property lines/corners	2	Parcel			0
<b>STAKING</b>						
24	Stake centerlines, approaches, detours	2	Mile			0
25	Stake core holes - structures <i>(unit is per structure)</i>	2	No.			0
26	Stake core holes - roadway <i>(unit is per core hole)</i>	2	No.			0
<b>SURVEY MISCELLANEOUS</b>						
27	Determine roadway elevations (Crown and EP)	2	Mile			0
28	Environmental areas	2	No.			0
29						0
<b>SURVEY TOTAL</b>						<b>0</b>



<div style="display: flex; justify-content: space-between;"> <span><b>PRODUCTION-HOUR WORKSHEET</b></span> <span>(revised 7/14)</span> </div>					
COUNTY	Fayette		PROJECT TYPE		
ROUTE	Town Branch Phase 4 & 5		CONSULTANT	PALMER	
DESC	SHARED USE PATH GRADE MODIFICATION		REVIEWED BY		
ITEM NO.			PREPARED BY	sds	
			DATE		
<b>PRELIMINARY LINE AND GRADE</b>					
No.	ITEM	UNIT	HRS/UNIT		
30	Computer setup	LS			0
31	Prepare existing manuscripts	Mile			0
32	Establish approximate property lines and ownership	Parcel			0
33	Study and develop typical sections	No.			0
34	Study and develop horizontal alignments	Mile			0
35	Study and develop vertical alignments	Mile			0
36	Create and evaluate proposed roadway models	Mile			0
37	Design entrances/Tie-ins	No.			0
38	Pre-size pipes (all alternates)	No.			0
39	Pre-size culverts (all alternates)	No.			0
40	Pre-size bridges (all alternates)	No.			0
41a	Conduct Traffic Engineering Analysis (Basic; HCM Procedures)	Int			0
41b	Conduct Traffic Engineering Analysis (Advanced; Micro-simulation)	Int			0
42	Study and development of interchange	No.			0
43	Study and development of intersection	No.			0
44	Study and develop maintenance of traffic plan	LS			0
45	Plot/print copies of plans for team meeting and inspections	LS			0
46	Calculate preliminary quantities and develop cost estimates	Alt.			0
47	Revise plans and estimates	LS			0
48	Preliminary Right of Way with taking areas	Parcel			0
49	Prepare Design Executive Summary	LS			0
50	Develop/document "Avoidance Alternatives to Water Related Impacts"	LS			0
<b>PRELIMINARY LINE &amp; GRADE MISCELLANEOUS</b>					
51	Study 2 Roadway & Trail Alignment Conceptual Alternatives	LS			0
52	Review Existing Environmental and Cultural Assessments	LS			0
53	Develop Up to 3 Character Sketches/Plans for Landscape Features: Bridges, Pathways, Guardrails, Site Furnishings, Entry Signs, Landscape Plantings, Stormwater BMPs, Trailhead/Gathering Area(s) & Fencing	LS			0
54	Review existing planning documents & design standards	LS			0
55	Access Combination to Jimmy Campbell Lane (with others)	LS			0
<b>PRELIMINARY LINE AND GRADE TOTAL</b>					<b>0</b>

PRODUCTION-HOUR WORKSHEET (revised 7/14)						
COUNTY	Fayette		PROJECT TYPE			
ROUTE	Town Branch Phase 4 & 5		CONSULTANT	PALMER		
DESC	SHARED USE PATH GRADE MODIFICATION		REVIEWED BY			
ITEM NO.			PREPARED BY	sds		
			DATE			
<b>UTILITY COORDINATION</b>						
No.	ITEM	PERSONS	UNIT		HRS/UNIT	
56	Utility Coordination Meeting	2	No.	1	4	8
57	Develop Utility Relocation Layout Sheets (1"=200')		Mile			0
58	Develop Utility Relocation Plans (1"=50')		Mile			0
<b>ATION MISCELLANEOUS</b>						
59						
<b>COORDINATION TOTAL</b>						<b>8</b>
<b>RIGHT OF WAY PLANS</b>						
No.	ITEM		UNIT	AMOUNT	HRS/UNIT	HOURS
60	Deed research		Parcel			0
61	Establish property and ownership		Parcel			0
62	Calculate Right of Way		Parcel			0
63	Prepare legal descriptions		Parcel			0
64	Complete Right of Way summary sheet		Parcel			0
65	Generate Right of Way strip map (scale 1" = 300')		Sheet			0
66	Prepare Right of Way Plans Submittal		LS			0
67	Right of Way revisions after Right of Way submittal		LS			0
<b>R/W PLANS MISCELLANEOUS</b>						
68	Deed Research for Existing Alignments		LS			0
69	Deed Research for Existing Parcels		Parcel			0
70	Prepare Legal Descriptions for Right of Way transfer		Parcel			0
71						0
72						0
73						0
<b>RIGHT OF WAY PLANS TOTAL</b>						<b>0</b>

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COUNTY	Fayette		PROJECT TYPE			
ROUTE	Town Branch Phase 4 & 5		CONSULTANT		PALMER	
DESC	SHARED USE PATH GRADE MODIFICATION		REVIEWED BY			
ITEM NO.			PREPARED BY		sds	
		DATE				
<b>FINAL PLAN PREPARATION</b>						
No.	ITEM	UNIT	AMOUNT	HRS/UNIT	HOURS	
80	Computer setup	LS			0	
81	Update existing topography and terrain model	Mile			0	
82	Refine alignments (horizontal & vertical)	Mile			0	
83	Develop pavement design	No.			0	
84	Finalize templates & transitions	No.			0	
85	Develop final roadway model	Mile	0.3	80	24	
86	Develop proposed design	Mile	0.3	60	18	
87	Generate plan sheets (scale 1" = 20')	Sheet	1	8	8	
88	Generate profile sheets (scale 1" = 20')	Sheet	1	8	8	
89	Detail cross sections (scale 1" = 5')	No.	30	0.5	15	
90	Design entrances	No.			0	
91	Revise roadway plans from soils report	Mile			0	
<b>DRAINAGE</b>						
92	Develop pipe sections (< 54")	No.	2	2	4	
93	Develop drainage system map	Mile			0	
94	Develop drainage situation (bridge)	No.			0	
95	Develop drainage situation (culvert)	No.			0	
96	Develop blue line stream channel change (=> 200')	No.			0	
97	Drainage analysis (entrance pipes)	No.			0	
98	Drainage analysis (A <= 200 acres)	No.			0	
99	Drainage analysis (200 acres < A < 1.0 sq. mile)	No.			0	
100	Drainage analysis (A = > 1.0 sq. mile) level 1 analysis	No.			0	
101	Drainage analysis (A = > 1.0 sq. mile) level 2 analysis	No.			0	
102	Drainage analysis (A = > 1.0 sq. mile) level 3 analysis	No.			0	
103	Special drainage studies	No.			0	
104	Roadway ditches and channels	Mile			0	
105	Develop Erosion Control Plan (scale 1"=100')	Mile			0	
106	Inlet spacing calculations	No.			0	
107	Storm sewers calculations	No.			0	
108	Perform scour analysis	No.			0	
109	Assemble preliminary and final drainage folders	LS			0	
110	Prepare advanced situation folder - bridge	No.			0	
111	Prepare advanced situation folder - culvert	No.			0	
<b>DRAINAGE MISCELLANEOUS</b>						
112	Develop/document "Assessment of Water Related Impacts"	LS			0	
113	CLOMR/LOMAR Coordination	LS			0	
114						
115						



<div> <b>PRODUCTION-HOUR WORKSHEET</b> <span>(revised 7/14)</span> </div>						
COUNTY	Fayette		PROJECT TYPE			
ROUTE	Town Branch Phase 4 & 5		CONSULTANT		PALMER	
DESC	SHARED USE PATH GRADE MODIFICATION		REVIEWED BY			
ITEM NO.			PREPARED BY		sds	
			DATE			
<b>FINAL PLAN PREPARATION (Continued)</b>						
No.	ITEM	UNIT	AMOUNT	HRS/UNIT	HOURS	
116	Prepare layout sheet	LS			0	
117	Prepare typical sections	No.			0	
118	Prepare Interchange geometric approval	No.			0	
119	Prepare intersection geometric approval	No.			0	
120	Prepare coordinate control sheet (scale 1"=100')	Mile			0	
121	Prepare elevation developments	No.			0	
122	Prepare striping plan	Mile			0	
123	Calculate final quantities	Mile	0.3	30	9	
124	Complete general summary	LS	1	4	4	
125	Complete paving summary	LS			0	
126	Complete drainage summary	LS	1	4	4	
127	Complete pavement under-drain summary	LS			0	
128	Prepare cost estimate	LS			0	
129	Plot/print copies of plans	LS			0	
130	Plan revisions	Mile			0	
131	Prepare final construction plans submittal	LS			0	
<b>MAINTENANCE OF TRAFFIC</b>						
132	Write maintenance of traffic notes (TCP)	LS			0	
133	Prepare construction phasing plans	Mile			0	
134	Develop diversion plan sheets	Sheet			0	
135	Develop diversion profile sheets	Sheet			0	
136	Develop diversion cross sections	No.			0	
137	Develop temporary drainage	No.			0	
<b>FINAL PLANS MISCELLANEOUS</b>						
138	LPA Documents	LS			0	
139	Refine Preferred Trail Alignments	LS			0	
140	Viewshed Analysis	LS			0	
141	Refine Plans, Materials, and Details for Landscape Features for Public Meeting and Costing Estimating Purposes: Bridges, Pathways, Guardrails, Site Furnishings, Entry Signs, Landscape Plantings, Stormwater BMPs, Trailhead/Gathering Area(s) & Fencing	LS			0	
142	Signing/Wayfinding alternative development and specs	LS			0	
143	Construction Bidding	LS			0	
144	Shop Drawing Review	LS			0	
145	Consultation/Remediation during Construction	LS			0	
<b>FINAL PLANS TOTAL</b>					<b>94</b>	

<b>PRODUCTION-HOUR WORKSHEET</b> (revised 7/14)							
COUNTY	Fayette			PROJECT TYPE			
ROUTE	Town Branch Phase 4 & 5			CONSULTANT		PALMER	
DESC	SHARED USE PATH GRADE MODIFICATION			REVIEWED BY			
ITEM NO.				PREPARED BY		sds	
				DATE			
<b>MEETINGS</b>							
No.	ITEM	PERSONS	UNIT		HRS/UNIT		
150	Prelim. line and grade inspection	4	No.			0	
151	Drainage inspection	2	No.			0	
152	Final inspection	4	No.			0	
153	Misc. project coordination meetings	2	No.			0	
154	Project team meetings	2	No.	3	2	12	
<b>MISCELLANEOUS</b>							
155	Value Engineering Study		LS				
156	Constructability Review		LS				
<b>MEETINGS TOTAL</b>						<b>12</b>	
<b>PUBLIC INVOLVEMENT</b>							
No.	ITEM	PERSONS	UNIT		HRS/UNIT		
160	Develop and Maintain Mailing List		LS			0	
161	Prepare for Advisory Committee/Officials Meeting		No.			0	
162	Attend Advisory Committee/Officials Meeting	4	No.			0	
163	Prepare for Public Meetings/Hearings		No.			0	
164	Attend Public Meetings/Hearings	4	No.			0	
165	Prepare and Distribute Newsletter		No.			0	
166	Property owner coordination		No.			0	
<b>PUBLIC INVOLVEMENT MISCELLANEOUS</b>							
167						0	
168						0	
169						0	
<b>PUBLIC INVOLVEMENT TOTAL</b>						<b>0</b>	
<b>QA/QC</b>							
No.	ITEM		UNIT		HRS/UNIT		
180	Plan review		sheet			0	
181	Structure review		sheet			0	
<b>QA/QC TOTAL</b>						<b>0</b>	

<b>PRODUCTION-HOUR WORKSHEET</b> (revised 7/14)					
COUNTY	Fayette		PROJECT TYPE		
ROUTE	Town Branch Phase 4 & 5		CONSULTANT		PALMER
DESC	SHARED USE PATH GRADE MODIFICATION		REVIEWED BY		
			PREPARED BY		sds
ITEM NO.			DATE		
<b>PRODUCTION-HOUR SUMMARY</b>					
SURVEY TOTAL					0
LINE AND GRADE TOTAL					0
UTILITY COORDINATION TOTAL					8
RIGHT OF WAY PLANS					0
FINAL PLANS					94
MEETINGS TOTAL					12
PUBLIC INVOLVEMENT TOTAL					0
QA/QC TOTAL					0
<b>GRAND TOTAL</b>					<b>114</b>