

# OFFICE OF THE FULTON COUNTY ENGINEER

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Chief Deputy Engineer

September 30, 2025

## ADDENDUM 2

### ROADWAY IMPROVEMENTS FOR COUNTY ROAD H & SR109 & TRAFFIC SIGNAL INSTALLATION

**RE:** Blank Plan Sheets, Bore Logs, Questions and Answers, Updated Unit Price Bid Sheet, Estimate

1. Plan Sheets R5, R7, R8, R17, R18, R19, R20, R31 and R33 are intentionally blank.
2. Two borings are available on CR H and one boring was taken on SR 109; see attached information from the Geotech report. Note that the borings were completed in July of 2024. ODOT completed a project after the borings were taken that involved milling off 3" and placing 3" of Asphalt Concrete Intermediate Course, 88-22 and 3" of Asphalt Concrete Surface Course, 88-22.
3. Question: There are quantities for 12" B and C pipe, and a headwall in the SR109 Improvements. The drawings do not show anywhere near the bid quantities and also appear to indicate that the storm is to be installed by the site contractor. Can this be clarified and a better storm sewer plan be provided?

Answer: The 12" B & C pipe is being installed by the site contractor. The line item has been removed from the cost estimate and bid item list.

4. Question: Sheet SR8 of the SR109 plans shows structure #16 to be a 3x3 CB. Is this being installed by the site contractor or the roadway contractor? There is no bid item for a 2-3 CB in the roadway documents.

Answer: Structure #15, 16, and headwall are being installed by the site contractor. The line item has been removed from the cost estimate and bid item list.

5. Question: Is there a schedule for when the site water, sanitary, and storm in the SR109 widening area will be installed?

Answer: All offsite work is anticipated to be completed by October 27<sup>th</sup>.

6. Reference Number 26, Asphalt Concrete Base, PG64-22, 6" has changed in quantity and the description all to be the 9" thickness as shown in the typical sections.
7. Due to the above changes, a new Unit Price Bid Sheet is being issued with this addendum. Disregard the Unit Price Bid Sheet that was posted in Addendum #1.
8. Please note the updated Engineer's Estimate of \$1,651,489.00 due to the above changes.

End of addendum.

### Exploration Plan

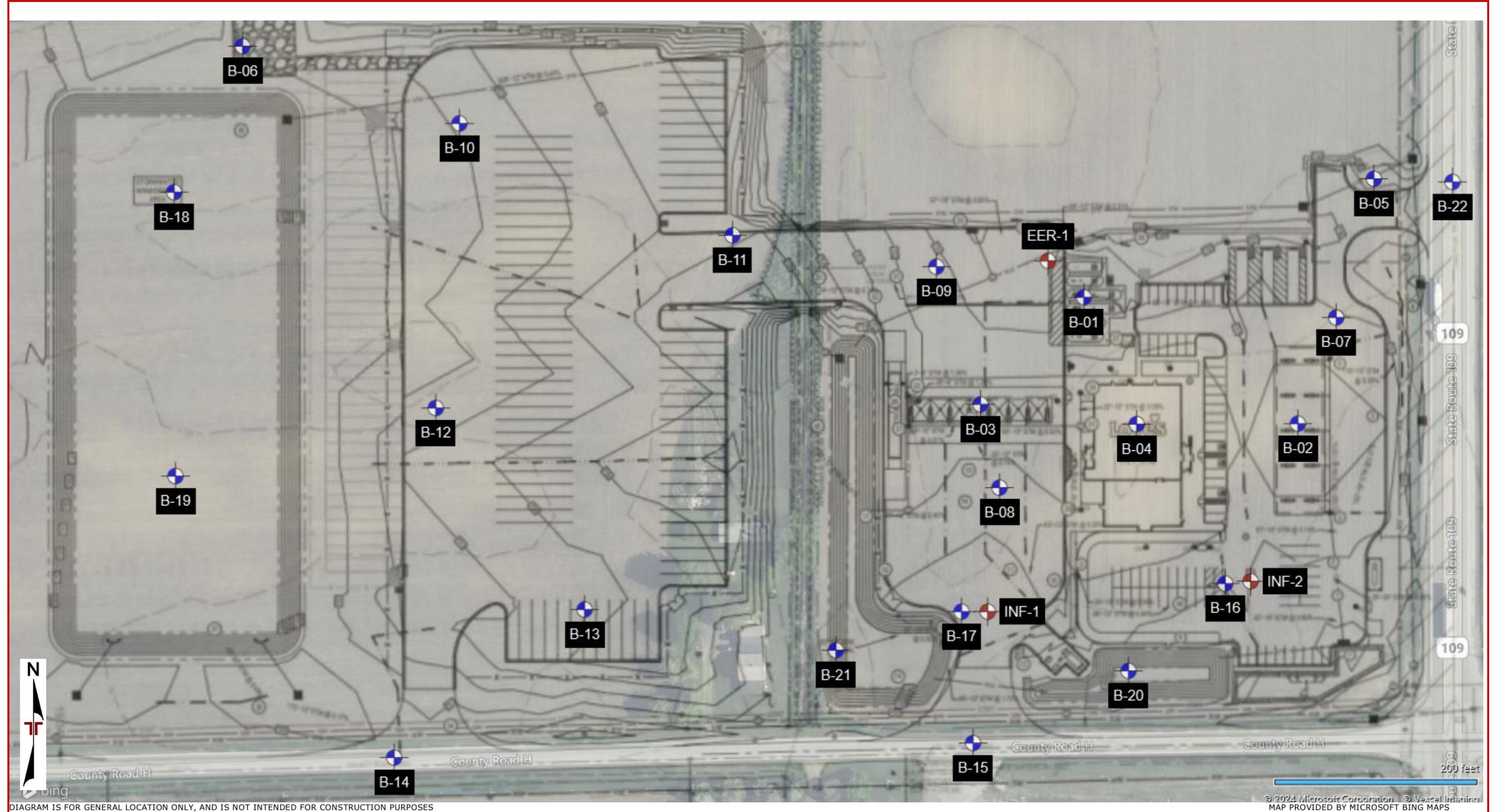


DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

## Boring Log No. B-14

Model Layer	Graphic Log	Location: See <a href="#">Exploration Plan</a> Latitude: 41.5880° Longitude: -84.0414° Depth (Ft.) <span style="float: right;">Elevation: 750 (Ft.) +/-</span>	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (in.)	Field Test Results	PID	HP (tsf)	Water Content (%)	Atterberg Limits
											LL-PL-PI
1		<u>ASPHALT (12")</u>	1.0	749							
3		<u>CLAYEY SAND (SC)</u> , gray, medium dense	3.5	746.5	X	8	2-3-4 N=7	1.9			29-15-14
2		<u>SANDY LEAN CLAY (CL)</u> , gray with brown, medium stiff	6.0	744	X	8	1-2-2 N=4	2.3	2.25 (HP)	17.1	
		<u>LEAN CLAY WITH SAND (CL)</u> , brown and gray, stiff	7.5	742.5	X	18	2-5-5 N=10	0.7	3.5 (HP)	15.3	
<i>Boring Terminated at 7.5 Feet</i>											

<p>See <a href="#">Exploration and Testing Procedures</a> for a description of field and laboratory procedures used and additional data (If any).</p> <p>See <a href="#">Supporting Information</a> for explanation of symbols and abbreviations.</p> <p>Elevation Reference: Elevations estimated from the CESO Grading Plan dated 3/20/24.</p>	<p>Water Level Observations Groundwater not encountered</p> <p style="text-align: center;"> Dry cave in at 1.5'</p>	<p>Drill Rig CME 55</p> <p>Hammer Type Automatic</p> <p>Driller C. Brummage</p>
<p>Notes</p>	<p>Advancement Method 3.25" ID HSA</p> <p>Abandonment Method Boring backfilled with Auger Cuttings Surface capped with asphalt</p>	<p>Logged by D. Brooks</p> <p>Boring Started 08-01-2024</p> <p>Boring Completed 08-01-2024</p>

## Boring Log No. B-15

Model Layer	Graphic Log	Location: See <a href="#">Exploration Plan</a> Latitude: 41.5880° Longitude: -84.0393°	Depth (Ft.)	Elevation: 749 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (in.)	Field Test Results	PID	HP (tsf)	Water Content (%)	Atterberg Limits
													LL-PL-PI
1	ASPHALT (11")		0.9	748.08									
	AGGREGATE BASE COURSE (3")		1.2	747.83									
3	SILTY CLAYEY SAND (SC-SM), brown with gray, loose		4.8	744.25	5			8	5-3-3 N=6	0.8			21-16-5
	SILTY SAND (SM), gray and brown, loose		6.3	742.75				14	1-1-2 N=3	0.2			
2	SANDY LEAN CLAY (CL), brown, stiff		7.5	741.5				18	2-4-5 N=9	0.2	3.75 (HP)	14.8	
Boring Terminated at 7.5 Feet													

<p>See <a href="#">Exploration and Testing Procedures</a> for a description of field and laboratory procedures used and additional data (If any).</p> <p>See <a href="#">Supporting Information</a> for explanation of symbols and abbreviations.</p> <p>Elevation Reference: Elevations estimated from the CESO Grading Plan dated 3/20/24.</p>	<p>Water Level Observations Groundwater not encountered</p> <p> Dry cave in at 1.0'</p>	<p>Drill Rig CME 55</p> <p>Hammer Type Automatic</p> <p>Driller C. Brummage</p>
<p>Notes</p>	<p>Advancement Method 3.25" ID HSA</p> <p>Abandonment Method Boring backfilled with Auger Cuttings Surface capped with asphalt</p>	<p>Logged by D. Brooks</p> <p>Boring Started 08-01-2024</p> <p>Boring Completed 08-01-2024</p>

## Boring Log No. B-22

Model Layer	Graphic Log	Location: See <a href="#">Exploration Plan</a> Latitude: 41.5895° Longitude: -84.0376°	Depth (Ft.)	Water Level Observations	Sample Type	Recovery (in.)	Field Test Results	PID	HP (tsf)	Water Content (%)	Atterberg Limits
											LL-PL-PI
		Depth (Ft.) <span style="float: right;">Elevation: 749 (Ft.) +/-</span>									
1	ASPHALT (12")		1.0 <span style="float: right;">748</span>								
	AGGREGATE BASE COURSE (4")		1.3 <span style="float: right;">747.67</span>			12	6-4-3 N=7		1.5 (HP)		
2	SANDY LEAN CLAY (CL), brown with gray, medium stiff to stiff			5		18	1-1-1 N=2		0.75 (HP)		
	LEAN CLAY WITH SAND (CL), brown, stiff		6.5 <span style="float: right;">742.5</span>			18	3-4-6 N=10		4.25 (HP)		
	Boring Terminated at 8 Feet		8.0 <span style="float: right;">741</span>								

<p>See <a href="#">Exploration and Testing Procedures</a> for a description of field and laboratory procedures used and additional data (If any).</p> <p>See <a href="#">Supporting Information</a> for explanation of symbols and abbreviations.</p> <p>Elevation Reference: Elevations estimated from the CESO Grading Plan dated 3/20/24.</p>	<p>Water Level Observations Groundwater not encountered</p> <p> Dry cave in at 4.5'</p>	<p>Drill Rig B-57</p> <p>Hammer Type Automatic</p> <p>Driller A. Fay</p>
<p>Notes</p>	<p>Advancement Method 3.25" ID HSA</p> <p>Abandonment Method Boring backfilled with Auger Cuttings Surface capped with asphalt</p>	<p>Logged by D. Brooks</p> <p>Boring Started 10-07-2024</p> <p>Boring Completed 10-07-2024</p>

# ROADWAY IMPROVEMENTS FOR COUNTY ROAD H & SR109 & TRAFFIC SIGNAL INSTALLATION

## UNIT PRICE BID SCHEDULE

The undersigned having full knowledge of the site, plans, proposal, specifications, and supplemental specifications for the above named improvement and the conditions of this proposal, hereby agrees to furnish all services, labor, materials, and equipment necessary to complete the entire project, according to the plans, proposal, specifications, supplemental specifications, and completion dates, and to accept the unit prices specified below for each item as full compensation for the work in this proposal.

Date set for completion: Nov. 21, 2025 & Feb. 27, 2026

Engineer's Estimate: \$ **1,651,489.00**

The "**TOTAL AMOUNT OF THE BID**", BASED ON THE "**Approximate Unit Quantities**" given below times the unit prices specified by the Bidder amounts to the sum of:

\_\_\_\_\_ and /100 DOLLARS (\$ \_\_\_\_\_ )

BIDDER: \_\_\_\_\_

REF. NO.	ITEM NO.	QUANTITY	UNITS	DESCRIPTION	UNIT PRICE	ESTIMATED COST
<b>Road H</b>						
1	201	1	LUMP	Clearing and Grubbing	\$ _____	\$ _____
2	202	3130	SY	Pavement Removed	\$ _____	\$ _____
3	202	80	FT	Pipe Removed, 24" and Under	\$ _____	\$ _____
4	202	1	EACH	Catch Basin or Inlet Removed	\$ _____	\$ _____
5	203	2564	CY	Excavation	\$ _____	\$ _____
6	203	471	CY	Embankment	\$ _____	\$ _____
7	204	6569	SY	Subgrade Compaction	\$ _____	\$ _____
8	204	6	HOUR	Proof Rolling	\$ _____	\$ _____
9	206	4956	SY	Cement Stabilized Subgrade	\$ _____	\$ _____
10	206	1	LUMP	Mixture Design for Chemically Stabilized Soils	\$ _____	\$ _____
11	SP	164	SY	18" Undercut, 3" Lifts	\$ _____	\$ _____
12	SP	2	EACH	Mailbox Removed and Reset	\$ _____	\$ _____
13	659	224	CY	Topsoil	\$ _____	\$ _____
14	659	2690	SY	Seeding and Mulching	\$ _____	\$ _____
15	832	1	LUMP	Stormwater Pollution Prevention Plan	\$ _____	\$ _____
16	832	1	EACH	Erosion Control	\$ _____	\$ _____
17	605	2783	FT	4" Unclassified Pipe Underdrains with Geotextile Fabric	\$ _____	\$ _____
18	611	1	EACH	Manhole, Catch Basin, or Inlet Adjusted to Grade	\$ _____	\$ _____
19	611	100	FT	4" Conduit, Type B	\$ _____	\$ _____
20	611	74	FT	12" Conduit, Type D	\$ _____	\$ _____
21	611	130	FT	12" Conduit, Type B	\$ _____	\$ _____
22	611	2	EACH	Manhole, No. 3	\$ _____	\$ _____
23	611	1	EACH	Catch Basin, No. 1	\$ _____	\$ _____
24	611	1	EACH	Catch Basin, No. 2-2B	\$ _____	\$ _____
25	255	424	FT	Full Depth Pavement Sawing	\$ _____	\$ _____
26	301	1210	CY	Asphalt Concrete Base, PG64-22, 9"	\$ _____	\$ _____
27	304	1079	CY	Aggregate Base, 6"	\$ _____	\$ _____
28	304	80	CY	Aggregate Base, Temporary Drive Access - Love's	\$ _____	\$ _____
29	304	6	CY	Aggregate Base, Temporary Drive Access - Resident, Tie-In	\$ _____	\$ _____
30	407	940	GAL	Non-Tracking Tack Coat (0.10 GAL/SY)	\$ _____	\$ _____
31	442	261	CY	Asphalt Concrete Surface Course, 12.5 MM, Type A (446), 2"	\$ _____	\$ _____
32	442	261	CY	Asphalt Concrete Intermediate Course, 12.5 MM, Type A (446), 2"	\$ _____	\$ _____
33	452	530	CY	12" Non-Reinforced Concrete Pavement	\$ _____	\$ _____

34	621	21	EACH	RPM	\$		\$
35	621	8	EACH	Raised Pavement Marker Removed	\$		\$
36	630	31	SF	Sign, Flat Sheet	\$		\$
37	630	133	FT	Ground Mounted Support Post, No.3	\$		\$
38	630	3	EACH	Removal of Ground Mounted Sign and Disposal	\$		\$
39	630	4	EACH	Removal of Ground Mounted Sign and Relocate	\$		\$
40	630	7	EACH	Removal of Ground Mounted Post Support and Disposal	\$		\$
41	642	1600	FT	Removal of Pavement Marking	\$		\$
42	642	4	EACH	Removal of Pavement Marking	\$		\$
43	644	0.56	MI	Edge Line, 6", (White)	\$		\$
44	644	0.19	MI	Center Line, 4" Double Yellow, Solid	\$		\$
45	644	0.18	MI	Center Line, 4", Yellow, Dashed	\$		\$
46	644	478	FT	Channelizing Line, 8" White	\$		\$
47	644	259	FT	Stop Line, 24" White	\$		\$
48	647	5	EA	Lane Arrow	\$		\$
49	614	1	LUMP	Maintaining Traffic	\$		\$
50	619	1	LUMP	Premium for Contract Performance, Payment and Maintenance Bond	\$		\$
51	623	1	LUMP	Construction Layout Stakes and Surveying	\$		\$
52	624	1	LUMP	Mobilization	\$		\$

### SR109

53	201	1	LUMP	Clearing and Grubbing	\$		\$
54	202	474	SY	Pavement Removed	\$		\$
55	203	570	CY	Excavation	\$		\$
56	203	49	CY	Embankment	\$		\$
57	204	1061	SY	Subgrade Compaction	\$		\$
58	653	61	CY	Topsoil Furnished and Placed	\$		\$
59	659	731	SY	Seeding and Mulching, Class 1	\$		\$
60	832	1	EA	Erosion Control	\$		\$
61	605	458	FT	4" Pipe Underdrain	\$		\$
62	254	88	SY	Pavement Planing, 4"	\$		\$
63	255	543	FT	Full Depth Pavement Sawing	\$		\$
64	301	161	CY	Asphalt Concrete Base, PG64-22, 6"	\$		\$
65	304	201	CY	Aggregate Base, 7.5" (2 Lifts)	\$		\$
66	304	17	CY	Aggregate Base, 6' (2 Lifts)	\$		\$
67	407	116	GAL	Non-Tracking Tack Coat, 0.055 Gal/SY	\$		\$
68	442	59	CY	Asphalt Concrete Surface Course, 12.5MM, Type A, PG 76-22, 2"	\$		\$
69	442	59	CY	Asphalt Concrete Intermediate Course, 12.5MM, Type A, PG 76-22, 2"	\$		\$
70	452	97	SY	Portland Cement Concrete Pavement, 4000 PSI, 11.5"	\$		\$
71	609	46	FT	Curb and Gutter, Type 2, As Per Plan	\$		\$
72	SPL	147	SY	Pavement Overlay Fabric Composite	\$		\$
73	621	21	EACH	RPM	\$		\$
74	621	2	EACH	Raised Pavement Marker Removed	\$		\$
75	630	16	SF	Sign, Flat Sheet	\$		\$
76	630	42	FT	Ground Mounted Support, No. 3 Post	\$		\$
77	630	2	EACH	Removal of Ground Mounted Sign and Relocate	\$		\$
78	630	2	EACH	Removal of Ground Mounted Post Support and Disposal	\$		\$
79	642	1690	FT	Removal of Pavement Marking	\$		\$
80	644	0.154	MI	Centerline, 4", Double Yellow, Solid	\$		\$

81	644	0.088	MI	Edge Line 4" , White	\$	\$
82	644	493	FT	Channelizing Line, 8" White	\$	\$
83	644	119	FT	Traverse Line, 12" Yellow	\$	\$
84	647	22	FT	Stop Line, 24", White	\$	\$
85	647	6	EA	Lane Arrow	\$	\$
86	614	1	LUMP	Maintaining Traffic	\$	\$
87	619	1	LUMP	Premium for Contract Performance, Payment and Maintenance Bond	\$	\$
88	623	1	LUMP	Construction Layout Stakes and Surveying	\$	\$
89	624	1	LUMP	Mobilization	\$	\$

### Traffic Signal

90	611	100	FT	4" Conduit, Type E	\$	\$
91	625	67	FT	Conduit, 2", 725.051	\$	\$
92	625	11	FT	Conduit, 3", 725.051	\$	\$
93	625	22	FT	Conduit, 4", 725.051	\$	\$
94	625	100	FT	Trench	\$	\$
95	625	255	FT	Conduit, Jacked or Drilled, 725.051, 4"	\$	\$
96	625	5	EA	Pull Box, 725.06, Size 18	\$	\$
97	625	4	EA	Ground Rod	\$	\$
98	625	100	FT	Underground Warning/ Marking Tape	\$	\$
99	625	2	EA	Arc Flash Calculations and Label	\$	\$
100	632	7	EA	Vehicular Signal Head, (LED), 3-Section, 12" Lens, 1-Way, Polycarbonate, As Per Plan	\$	\$
101	632	1	EA	Vehicular Signal Head, (LED), 5-Section, 12" Lens, 1-Way, Polycarbonate, As Per Plan	\$	\$
102	632	8	EA	Covering of Vehicular Signal Head	\$	\$
103	632	840	FT	Signal Cable, 7 Conductor, No. 14 AWG	\$	\$
104	632	3	EA	Signal Support Foundation	\$	\$
105	632	165	FT	Power Cable, 2 Conductor, No 6 AWG	\$	\$
106	632	1	EA	Power Service, As Per Plan	\$	\$
107	632	2	EA	Conduit Riser, 2" Diameter	\$	\$
108	632	1	EA	Signal Support, Type TC-12.31, Design 12 Pole, With Mast Arms TC-81.22 Design	\$	\$
109	632	1	EA	Signal Support, Type TC-81.22, Design 12 Pole	\$	\$
110	632	1	EA	Signal Support, Type TC-81.22, Design 13 Pole	\$	\$
111	633	1	EA	Cabinet, Type TS2	\$	\$
112	633	1	EA	Cabinet Foundation	\$	\$
113	633	1	EA	Controller Work Pad	\$	\$
114	633	1	EA	Uninterruptible Power Supply (UPS), 1000 Watt, As Per Plan	\$	\$
115	633	1	EA	Controller Item, Misc.: Controller Unit, Installation	\$	\$
116	633	1	EA	Communications, As Per Plan	\$	\$
117	809	4	EA	Advance Radar Detection	\$	\$
118	809	3	EA	Stop Line Radar Detection	\$	\$
119	809	1	EA	ATC Controller	\$	\$
120	614	1	LUMP	Maintaining Traffic	\$	\$
121	619	1	LUMP	Premium for Contract Performance, Payment and Maintenance Bond	\$	\$
122	623	1	LUMP	Construction Layout Stakes and Surveying	\$	\$
123	624	1	LUMP	Mobilization	\$	\$
					Total	\$

In submitting the Bid, the Bidder represents, that the Bidder has examined and carefully studied the Bidding Documents, and the other related data identified in the Bidding Documents, and the following Addenda, receipt of all, which is hereby acknowledged.

Addendum No.

Addendum Date

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Respectfully submitted:

Attest: \_\_\_\_\_

Corporation Seal

\_\_\_\_\_

Company

\_\_\_\_\_

Date

\_\_\_\_\_

By

\_\_\_\_\_

Title