

## EXHIBIT A

### SCOPE OF SERVICES –DESIGN (PHASE II) ENGINEERING SERVICES

**CONSULTANT:** Ciorba Group, Inc.  
**ROUTE:** Army Trail Road over West Branch DuPage River  
**SECTION NO.:** 21-00240-09-BR  
**PROJECT NO.:**  
**JOB NO.:**  
**S.N:** 022-3094 (existing), 022-3095 (proposed)  
**COUNTY:** DuPage  
**LA CONTACT:** Mr. Ryan Singer, DuPage County DOT

The following scope of services is an integral part of the Ciorba fee proposal as detailed in the attachments to the Standard Agreement. The scope and fee are based on the current requirements for Preliminary Engineering studies as set forth by IDOT and the FHWA. The scope is based on our experience on similar projects that follow the same process. The fee is based on a Direct Labor Multiplier method and will not exceed the amount indicated in the Agreement for the fulfillment of the tasks indicated below. The fee will not cover the completion of tasks not included in the scope that may result from unforeseen conditions or from IDOT or FHWA changes in the process to follow to obtain approval from the DuPage County Division of Transportation.

#### **Project Understanding**

The existing bridge (S.N. 022-3094) along West Army Trail Road (FAP 367) in Bartlett is a single span bridge carrying four lanes of traffic over West Branch DuPage River in a forested area located just north of Bass and Deep Quarry Lakes and adjacent to some commercial and residential areas. The DuPage County Forest Preserve owns two adjacent sites: Hawk Hollow Preserve to the north and West Branch Preserve to the south of Army Trail Road. Wetlands are present in both preserves. Ciorba Group, Inc has conducted a Phase I study of the existing structure and surrounding conditions. Due to the current bridge condition, full reconstruction, widening and profile raise were recommended. The construction for the project will utilize MFT funding.

Based on a coordination meeting held with DuPage County on July 21, 2025, additional work at the Gerber Road/Army Trail Road intersection was requested to upgrade the ADA crossings and traffic signals which is included with this supplemental scope of services. Additional supplemental work is requested due to the revisions needed for the superelevation transition changes and the exhibits needed for the ROW coordination and determination.

#### **Supplemental Scope of Services**

##### **1. Coordination, Meetings & Data Collection**

###### **A. Utility Coordination**

- a. Additional utility coordination with ComEd has been required to relocate facilities on the north and south sides of Army Trail Road.
- b. Additional utility coordination with Nicor has been required to relocate facilities on the north side of Army Trail Road.

- c. Additional coordination will be needed at Gerber Road to identify any utility conflicts for the ADA and APS improvements.

2. Survey – Ciorba

- A. Ciorba will perform a supplemental survey for ADA ramp surveys at Gerber Road.

3. Water Resources

- A. Inlet spacing calculations will be revised to reflect the change in the superelevation transition.
- B. Storm sewer design will be revised to accommodate the change in inlet spacing requirements.
- C. Drainage plan and profile sheets will be revised to reflect updated storm sewer design.
- D. Erosion Control sheets will be revised to reflect updated drainage structure locations.

4. Traffic Signal Design/Plans - Ciorba

- A. Prepare plan sheets to show proposed modifications to the existing traffic signals, including video detection for all approaches and accessible pedestrian signals (APS) push buttons for all crosswalks. Push button posts will be provided as necessary. Equipment locations to be coordinated with ADA details. New plan sheets include:
  - a. Traffic Signal Modification Plan
  - b. Traffic Signal Cable Plan
- B. Calculate quantities for the additional work noted above.
- C. Prepare special provisions for the additional work noted above.

5. Engineering Design/Plans – Ciorba

- A. Roadway Design
  - a. Update superelevation detail based on a 56-44 SE transition.
  - b. Update 3D model based on a 56-44 SE transition.
  - c. Sight distance, grading, and modeling at driveway west of proposed retaining wall.
- B. Roadway Plans
  - a. Special Details
    - 1. ADA Details
      - a. Gerber Road – 4 Quadrants
  - b. Cross Sections



1. Update cross sections based on a 56-44 SE transition.
- C. Calculate quantities
  - a. At Gerber Road for the ADA improvements.
6. Structural Plans
  - A. Revisions needed to update elevations on deck elevation sheets, approach slab elevation sheets and substructure sheets due to the change in the superelevation transition.
7. Quantities, Specifications and Estimates
  - A. Quantity calculations and special provisions for the additional scope of work items (traffic signals and updated plans)
8. Discretionary hours
  - A. 80 supplemental hours are being included in this supplement to be used at the County's discretion.
9. QC/QA
  - A. Perform Quality Control / Quality Assurance during the project per Ciorba Group's Quality Assurance/Quality Control plan for the additional work noted.
10. Project Management and Administration
  - A. Additional project management needed for the additional scope of work.



Activity		Grand Total	Lead Structural Engineer	Project Manager	Senior Project Engineer	Project Engineer	Structures Engineer II	Engineer II	Structures Engineer I	Engineer I	Senior Technician	Technician II
<b>TOTAL</b>		<b>290</b>	<b>47</b>	<b>15</b>	<b>36</b>	<b>77</b>	<b>8</b>	<b>16</b>	<b>12</b>	<b>39</b>	<b>32</b>	<b>8</b>
1.	Meetings, Data Collection & Coordination	Task Total:	23		5	14		2				
	0110 Meetings	Meetings:	7		3			2				
	Meetings with Owner and Owner Reps (2 mtg x 1 hrs/mtg x 3 of staff)		6		2			2				
	Meeting Minutes ( 2 mtg x 0.5 hr/mtg minutes)		1		1							
	0120 Coordination	Subtotal:	12		2	10						
	Coordination with Utilities		10		2	8						
	Submit Plans to Utilities ( _ submittal(s))		2			2						
	0130 Data Collection 2	Subtotal:	4			4						
	Obtain Utility Atlases		4			4						
2.	Survey	Task Total:	18		10							8
	0210 Field Survey	Subtotal:	16		8							8
	Supplemental Survey		16		8							8
	0220 Process Survey	Subtotal:	2		2							
	Down Loading Total Station (1-2 hrs per down load every 2-3 days of topo)		2		2							
3.	Water Resources	Task Total:	20		5					15		
	0330 Stormwater Facility Design	Subtotal:	20		5					15		
	Inlet Spacing		4		1					3		
	Storm Sewer Design		4		1					3		
	Drainage Sheets		8		2					6		
	Erosion and Sediment Control Plans		4		1					3		
4.	Electrical and Lighting	Task Total:	37	12	3		22					
	0420 Traffic Signals Studies and Plans	Subtotal:	37	12	3		22					
	Traffic Signal Modification Plan (1 sheet)		24	8	2		14					
	Traffic Signal Cable Plan (1 sheet)		13	4	1		8					
5.	Engineering Studies/Plans	Task Total:	68	20		16	32					
	0530 Geometric Studies	Subtotal:	20	20								
	Sight Distance Study		8	8								
	3D Modeling		12	12								
	0570 Roadway Plans	Subtotal:	48			16	32					
	ADA Details ( 8 hrs/quadrant)		32			8	24					
	Cross Sections (x hrs/sheet)		8			4	4					
	Superelevation Transition Pavement Elevations		8			4	4					
6.	Structural Studies/Plans	Task Total:	26	2			4	8		12		
	0620 Structural Plans - Bridge 1	Subtotal:	26	2			4	8		12		
	Deck Elevation Updates		26	2			4	8		12		
7.	Quantity, Specifications & Estimates	Task Total:	8	3			5					
	0710 Quantity, Specifications and Estimates	Subtotal:	8	3			5					
	Quantity Calculations and BOM (Proposed Plan)		2				2					
	Quantity Calculations and BOM (Traffic Signals)		4	1			3					
	Specifications (Traffic Signal)		2	2								
8.	Discretionary Hours	Task Total:	80	6	4			14		24	32	
	0810 Discretionary Hours	Subtotal:	80	6	4			14		24	32	
	Discretionary Hours		80	6	4			14		24	32	
9.	QC / QA	Task Total:	6	2	4							
	0910 QC / QA	Subtotal:	6	2	4							
	Water Resources QC/QA		2		2							
	Traffic Signals QC/QA		2		2							
	Structural QC/QA		2	2								
10.	Project Management & Administration	Task Total:	4		4							
	1010 Project Management & Administration	Subtotal:	4		4							
	Project Management		4		4							



Payroll Escalation Table  
Fixed Raises  
DLM 2.80

FIRM NAME Ciorba Group  
PRIME/SUPPLEMENT Supplement #1

DATE 09/03/25  
PTB NO. \_\_\_\_\_

CONTRACT TERM 6 MONTHS  
START DATE 9/15/2025  
RAISE DATE 12/31/2025

OVERHEAD RATE 152.16%  
COMPLEXITY FACTOR 0  
% OF RAISE 3.00%

ESCALATION PER YEAR

9/15/2025 - 3/14/2026				
6				
6				

= 100.00%  
= 1.0000

The total escalation for this project would be: 0.00%



## Payroll Rates

FIRM NAME	Ciorba Group	DATE	09/03/25
PRIME/SUPPLEMENT	Supplement #1		
PTB NO.			

**ESCALATION FACTOR** 0.00%

[illegible]



**(Direct Labor Multiple)**

Date	09/03/25
Overhead Rate	152.16%
Complexity Factor	0

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## Average Hourly Project Rates

Route Army Trail Road (FAP 367)  
 Section 21-00240-09-BR  
 County DuPage  
 Job No.  
 PTB/Item

Consultant Ciorba Group

Date 09/03/25

Sheet 1 OF 2

Payroll Classification	Avg Hourly Rates	Total Project Rates			Meetings, Data Collection & C			Survey			Water Resources			Electrical and Lighting			Engineering Studies/Plans		
		Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg	Hours	% Part.	Wgt'd Avg
Principal	\$86.00	0																	
Lead Structural Engineer	\$86.00	47	16.21%	13.94	2	8.70%	7.48							12	32.43%	27.89	20	29.41%	25.29
Project Manager	\$86.00	15	5.17%	4.45										3	8.11%	6.97			
Senior Project Engineer	\$75.44	36	12.41%	9.36	5	21.74%	16.40	10	55.56%	41.91	5	25.00%	18.86				16	23.53%	17.75
Project Engineer	\$61.17	77	26.55%	16.24	14	60.87%	37.23							22	59.46%	36.37	32	47.06%	28.79
Senior Engineer	\$51.25	0																	
Structures Engineer II	\$43.50	8	2.76%	1.20															
Engineer II	\$42.50	16	5.52%	2.34	2	8.70%	3.70												
Structures Engineer I	\$38.73	12	4.14%	1.60															
Engineer I	\$38.73	39	13.45%	5.21							15	75.00%	29.05						
Senior Technician	\$52.00	32	11.03%	5.74															
Technician II	\$46.00	8	2.76%	1.27				8	44.44%	20.44									
Administrative Services	\$38.00	0																	
		0																	
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<b>TOTALS</b>		290	100%	\$61.36	23	100%	\$64.81	18	100%	\$62.36	20	100%	\$47.91	37	100%	\$71.24	68	100%	\$71.83

## Average Hourly Project Rates

Route Army Trail Road (FAP 367)  
 Section 21-00240-09-BR  
 County DuPage  
 Job No.  
 PTB/Item

Consultant Ciorba Group

Date 09/03/25

Sheet 2 OF 2

Payroll Classification	Avg Hourly Rates	Structural Studies/Plans			Quantity, Specification and Esti			Discretionary Hours			QC/QA			Project Management & Admin					
		Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg	Hours	% Part.	Wgtd Avg
Principal	\$86.00																		
Lead Structural Engineer	\$86.00	2	7.69%	6.62	3	37.50%	32.25	6	7.50%	6.45	2	33.33%	28.67						
Project Manager	\$86.00							4	5.00%	4.30	4	66.67%	57.33	4	100.00%	86.00			
Senior Project Engineer	\$75.44																		
Project Engineer	\$61.17	4	15.38%	9.41	5	62.50%	38.23												
Senior Engineer	\$51.25																		
Structures Engineer II	\$43.50	8	30.77%	13.38															
Engineer II	\$42.50							14	17.50%	7.44									
Structures Engineer I	\$38.73	12	46.15%	17.88															
Engineer I	\$38.73							24	30.00%	11.62									
Senior Technician	\$52.00							32	40.00%	20.80									
Technician II	\$46.00																		
Administrative Services	\$38.00																		
<b>TOTALS</b>		26	100%	\$47.29	8	100%	\$70.48	80	100%	\$50.61	6	100%	\$86.00	4	100%	\$86.00	0	0%	\$0.00



## Direct Costs Check Sheet

Prime Consultant Name	PTB Number	State Job Number(s)
Ciorba Group, Inc.		
<input type="checkbox"/> Prime <input checked="" type="checkbox"/> Supplement # <u>1</u> Date <u>09/03/25</u>		

Consultant
Ciorba Group, Inc.

Item	Allowable	Utilize W.O. Only	Quantity J.S. Only	Contract Rate	Total
Per Diem (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	<input type="checkbox"/>			
Lodging (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost (Up to state rate maximum)	<input type="checkbox"/>			
Lodging Taxes and Fees (per GOVERNOR'S TRAVEL CONTROL BOARD)	Actual cost	<input type="checkbox"/>			
Air Fare	Coach rate, actual cost, requires minimum two weeks' notice, with prior IDOT approval	<input type="checkbox"/>			
Vehicle Mileage (per GOVERNOR'S TRAVEL CONTROL BOARD)	Up to state rate maximum	<input type="checkbox"/>			
Vehicle Owned or Leased	\$32.50/half day (4 hours or less) or \$65/full day	<input type="checkbox"/>	1	\$65.00	\$65.00
Vehicle Rental	Actual cost (Up to \$55/day)	<input type="checkbox"/>			
Rental Vehicle Fuel	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Tolls	Actual cost	<input type="checkbox"/>			
Parking	Actual cost	<input type="checkbox"/>			
Overtime	Premium portion (Submit supporting documentation)	<input type="checkbox"/>			
Shift Differential	Actual cost (Based on firm's policy)	<input type="checkbox"/>			
Overnight Delivery/Postage/Courier Service	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Copies of Deliverables/Mylars (In-house)	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Copies of Deliverables/Mylars (Outside)	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Project Specific Insurance	Actual cost	<input type="checkbox"/>			
Monuments (Permanent)	Actual cost	<input type="checkbox"/>			
Photo Processing	Actual cost	<input type="checkbox"/>			
2-Way Radio (Survey or Phase III Only)	Actual cost	<input type="checkbox"/>			
Telephone Usage (Traffic System Monitoring Only)	Actual cost	<input type="checkbox"/>			

Item	Allowable	Utilize W.O. Only	Quantity J.S. Only	Contract Rate	Total
CADD	Actual cost (Max \$15/hour)	<input type="checkbox"/>			
Website	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Advertisements	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Public Meeting Facility Rental	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Public Meeting Exhibits/Renderings & Equipment	Actual cost (Submit supporting documentation)	<input type="checkbox"/>			
Recording Fees	Actual cost	<input type="checkbox"/>			
Transcriptions (specific to project)	Actual cost	<input type="checkbox"/>			
Courthouse Fees	Actual cost	<input type="checkbox"/>			
Storm Sewer Cleaning and Televising	Actual cost (Requires 2-3 quotes with IDOT approval)	<input type="checkbox"/>			
Traffic Control and Protection	Actual cost (Requires 2-3 quotes with IDOT approval)	<input type="checkbox"/>			
Aerial Photography and Mapping	Actual cost (Requires 2-3 quotes with IDOT approval)	<input type="checkbox"/>			
Utility Exploratory Trenching	Actual cost (Requires 2-3 quotes with IDOT approval)	<input type="checkbox"/>			
Testing of Soil Samples*	Actual cost (Provide breakdown of costs to the Department for approval)	<input type="checkbox"/>			
Lab Services*	Actual cost (Provide breakdown of cost for each lab service to the Department's PM for approval)	<input type="checkbox"/>			
Equipment and/or Specialized Equipment Rental*	Actual cost (Rental - 2-3 quotes needed / Owned - provide depreciated value for IDOT approval)	<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			
		<input type="checkbox"/>			
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		<input type="checkbox"/>			
Total Direct Cost					\$65.00

\*If other allowable costs are needed and not listed, please add in the above spaces provided.

**LEGEND**

W.O. = Work Order

J.S. = Job Specific