BILL NO. S-26-11-08

SPECIAL ORDINANCE NO. S-_____

AN ORDINANCE approving AMENDMENT NO. 1 TO PROFESSIONAL SERVICES AGREEMENT FOR AIRPORT EXPRESSWAY OVER NORFOLK SOUTHERN RAILROAD SEPARATION - (not to exceed $1,200,081.70) – between EGIS BLN USA, INC. and the City of Fort Wayne, Indiana, by and through its Board of Public Works.

NOW, THEREFORE, BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That the AMENDMENT NO. 1 TO PROFESSIONAL SERVICES AGREEMENT FOR AIRPORT EXPRESSWAY OVER NORFOLK SOUTHERN RAILROAD SEPARATION - between EGIS BLN USA, INC. and the City of Fort Wayne, Indiana, by and through its Board of Public Works, is hereby ratified, and affirmed and approved in all respects, respectfully for:

> THE DESIGN OF A RAILROAD OVERPASS CROSSING OF THE NORFOLK SOUTHERN RAILROAD AT AIRPORT EXPRESSWAY BETWEEN AIRPORT RD & BLUFFTON RD, TO INCREASE THE NOT-TO-EXCEED AMOUNT BY $124,221.70;

involving a total amount not-to-exceed ONE MILLION TWO HUNDRED THOUSAND EIGHTY-ONE AND 70/100 DOLLARS - ($1,200,081.70). A copy of said Contract is on file with the Office of the City Clerk and made available for public inspection, according to law.

SECTION 2. That this Ordinance shall be in full force and effect from and after its passage and any and all necessary approval by the Mayor.

_____
Council Member

APPROVED AS TO FORM AND LEGALITY

_____
Malak Heiny, City Attorney

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PW 6·30·24

AMENDMENT NO. 1 TO PROFESSIONAL SERVICES AGREEMENT DATED JUNE 13, 2023, BETWEEN CITY OF FORT WAYNE BOARD OF PUBLIC WORKS (CITY) AND EGIS BLN USA, INC. ("ENGINEER")

Airport Expressway over Norfolk Southern Railroad Separation ("PROJECT")

Original PSA signed by BOW on 06-13-2023

Except to the extent modified herein, all terms and conditions of the Professional Services Agreement shall continue in full force and effect.

PART I A. GENERAL

ENGINEER shall provide the CITY professional engineering services in the design phase of the PROJECT. These services will include serving as CITY'S professional representative for the PROJECT; providing professional engineering consultation and advice, and furnishing civil, environmental and other customary design services incidental thereto.

PART I B. PROJECT DESCRIPTION

During the May 10, 2024, progress meeting, the ENGINEER was asked to perform value engineering on the PROJECT to reduce the total construction cost. The ENGINEER was asked to revise the roadway grade to 5%, reduce the minimum raised concrete median island to 4 feet and to evaluate, quantify, and estimate alternatives:

1. Long MSE walls to eliminate R/W acquisition, reduce tree clearing, reduce wetland impacts, and maintain the existing drainage patterns.
2. MSE walls, minimized for length, located only at the end bents for Allen County Bridge 259 over NFS Railroad.
3. Hybrid of alternate 1 and 2 that would balance the environmental and R/W impacts.

Alternate 3 was chosen and the Stage 1 documents were re-submitted on August 26, 2024. This alternative required revising the following completed design elements:

- Typical Road Section
- Grade
- Site preliminary drainage design
- Cross sections
- MSE wall geometry
- NFS Railroad Bridge (Allen 259) SST calculations
- NFS Railroad Bridge (Allen 259) Stage 1 Plans
- Allen 263 Bridge Stage 1 Plans
- Roadway Quantity Calculations
- Cost Estimates

The original scope of work did not include MSE Walls. As such, additional geotechnical borings and analysis are required.

The original scope of work did not include the development of a Project Management Plan (PMP) for submission to the Federal Railroad Administration (FRA) and ongoing maintenance of the document through construction in support of the obligated grant funds.

PART I C. SCOPE OF SERVICES

Services added to the scope of the PROJECT from this Amendment No. 1 by the ENGINEER:

- Value Engineering Study

Data sensitivity - Internal

  - Bridge 259 (Expressway over Norfolk Southern Railroad)
  - Bridge 263 (Expressway over Harbor Drain)
  - Roadway Design
  - Quantity and Cost Estimate
- Revisions due to the results of the Value Engineering and coordination with Railroad:
  - Bridge 259
  - Bridge 263
  - Roadway Design
  - Drainage Design
  - Quantities and Cost Estimate
- Meetings/Conferences
- Project Management Plan (PMP)

Services added to the scope of the PROJECT from this amendment by GAI:

- Revisions to the Environmental Document

Environmental Services

The PROJECT National Environmental Policy Act (NEPA) documentation was developed followed using Indiana Department of Transportation (INDOT) - Federal Highway Administration (FHWA) Plan Development Process (PDP). The NEPA process will also incorporate Federal Railroad Administration (FRA) guidelines using the FRA Categorical Exclusion (CE) worksheet. Changes in scope and design revisions generated additional coordination with the sub consultant and review of environmental documentation and project management tasks.

Please note that ENGINEER'S Environmental Services Department will now participate in monthly project meeting with FRA for the duration of the PROJECT. Those hours are included as a part of the Meetings/Conference supplement with the Bridge Department.

Permits

The IDNR currently requires animal crossings to be provided beneath the proposed bridge with all new bridge replacement projects. The hydraulic analysis was revised after completion to provide animal crossings in the model to ensure approval of the IDNR Construction in a Floodway Permit when submitted.

Bridge Design

An existing site drainage problem was identified during the Preliminary Field Check Meeting held at the site on October 29, 2024. Stormwater in the northwest roadway side ditch currently drains to and is retained in a depression in city R/W until it reaches a level to overtop the rim of the depression. The stormwater is then released into private property. The ENGINEER was asked to investigate two alternative solutions for this condition:

1. Redesign the north side ditch to include a retention side ditch and pipe that will maintain the existing outlet of stormwater to the private property.
2. Redesign the north side ditch and install a pipe beneath the existing railroad using trenchless construction techniques to carry the stormwater east to Harbor Drain.

Due to the change in geometry, the ENGINEER is able to utilize a single span bridge which eliminates the need for pier design. However, based on coordination with Norfolk Southern Railroad a crane analysis will be required as part of the submission to the railroad which is outside of the original scope of the PROJECT.

Meetings

Due to the changes in drainage and the addition of regular meetings with FRA additional meetings will be required throughout the duration of the PROJECT.

Project Management Plan (PMP)

The ENGINEER shall prepare a draft of the PMP on behalf of the CITY for review and approval by FRA. The

ENGINEER shall host the approved draft document and maintain the information through the completion of the grant coordination.

Deliverables:

- PMP
  - Follows the level of detail and format of the FRA's "Optional Template" dated October 22, 2025
  - Draft to be delivered by email as a word document for review and approval
  - Once the draft is approved, the PMP will be a digitally hosted "living document" on a file sharing service such as "Google Drive" or "SharePoint" controlled by Egis where multiple users across organizations can reference the document

PART I D. SCHEDULE

Modify Article D, SCHEDULE, to show the following:

Task #	Task Description	Est. Start Date	Est. Completion Date
1	Project Administration and Management	07/14/2023	01/13/2031
2	NEPA Environmental Document	07/14/2023	01/15/2027
2a	Early Coordination	07/14/2023	08/16/2026
2b	Red Flag Analysis	07/14/2023	08/16/2026
2c	IPaC Review	07/14/2023	08/16/2026
2d	Section 106 Consultation	07/14/2023	10/18/2026
2e	Public Open House Meeting	10/18/2026	11/13/2026
2f	Waters of the US Report	09/20/2023	04/02/2024 (complete)
2g	Noise Analysis	01/05/2026	06/15/2026
2h	NEPA Submittal	10/18/2026	01/15/2027
3	Preliminary Engineering	08/07/2023	04/01/2027
3a	30% Plans Submittal	08/07/2023	08/24/2024 (complete)
3b	Preliminary Engineering Submittal (60% Plans)	08/24/2024	04/01/2027
4	Final Design	04/01/2027	09/20/2028
4a	Right-of-Way Engineering	04/01/2027	06/30/2027
4b	Environmental Permits	04/01/2027	04/21/2028
4c	Bridge and Roadway Final Design	04/01/2027	06/21/2028
4d	Bid Documents	06/21/2028	09/06/2028
4e	Final Design Submittal	09/06/2028	09/20/2028
5	Right-of-Way Acquisition	06/30/2027	08/30/2028
6	Construction	09/20/2028	01/13/2031
6a	Contract Letting Process	09/20/2028	12/13/2028
6b	Bid Award	12/13/2028	01/13/2029
6c	Construction	01/13/2029	01/13/2031

PART II

PART III COMPENSATION

Modify Article A, COMPENSATION, to increase the not-to-exceed amount by $124,221.70, resulting in a new total amount not-to-exceed $1,200,081.70.

ATTACHMENT #1

Modify Task 1 – Project Schedule and Review Meetings not to exceed fee to: $38,200.00.
Modify Task 3.1 – Roadway Design not to exceed fee to: $162,800.00.
Modify Task 3.2 – Railroad Bridge Design not to exceed fee to: $199,400.00.
Modify Task 3.3 – Drain Bridge Design not to exceed fee to: $138,400.00.
Modify Task 3.4 – Drainage Design not to exceed fee to: $45,000.00.
Delete Task 3.5 – Landscape Architecture.
Delete Task 3.6 – Green Infrastructure.
Add Task 3.8 – Value Engineering – Roadway Design not to exceed fee of: $4,200.00.
Add Task 3.9 – Value Engineering – Railroad Bridge Design not to exceed fee of: $4,900.00.
Add Task 3.10 – Value Engineering – Drain Bridge Design not to exceed fee of: $5,700.00.
Modify Task 4.2 – Subsurface Utility Engineering Plan not to exceed fee to: $34,800.00.
Modify Task 5 – Public Participation Allowance not to exceed fee to: $14,600.00.
Modify Task 9 – Federal Environmental Document not to exceed fee to: $136,667.00.
Modify Task 11.3 – Preparation of quantity take-offs not to exceed fee to: $34,200.00.
Modify Task 11.4 – Preparation of line item construction cost estimate not to exceed fee to: $23,300.00.
Add Task 11.5 – Value Engineering – Quantity & Cost Estimate not to exceed fee of: $13,900.00.
Modify Task 16 – Work Allowance not to exceed fee to : $40,054.70.
Add Task 17 – Project Management Plan not to exceed fee of: $11,400.00.

APPROVALS

IN WITNESS WHEREOF, CITY and ENGINEER have executed this AMENDMENT.

APPROVED FOR CITY
BOARD OF PUBLIC WORKS

BY: _____
Shan Gunawardena, Chair

BY: Absent
Kumar Menon, Member

BY: _____
Chris Guerrero, Member

ATTEST: _____
Michelle Fulk-Vondran, Clerk

DATE: 6·30·2026

APPROVED FOR ENGINEER

BY: Signed by: Scott Kluesner
Scott Kluesner, Midwest Regional Manager

DATE: June 16, 2026 | 8:58:42 AM PDT

Data sensitivity - Internal

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Attachment 1 – Scope of Services Fee Proposal for 0578P Airport Expressway over Norfolk Southern Railroad Separation Supplement 1

		Original Item Cost	Original Section Cost	Proposed Item Cost	Proposed Section Cost
Project Schedule and Review Meetings	Fee	$11,000.00	$11,000.00	$38,200.00	$38,200.00
Topographic Survey*	Fee	$47,400.00	$47,400.00	$47,400.00	$47,400.00
Design Elements					
Roadway Design	Fee:	$105,000.00		$162,800.00	
Railroad Bridge Design	Fee:	$208,200.00		$199,400.00	
Drain Bridge Design	Fee:	$127,300.00		$138,400.00	
Drainage Design	Fee:	$12,000.00		$45,000.00	
Landscape architecture	Fee:	$14,600.00		$0.00	
Green infrastructure**	Fee:	$34,800.00		$0.00	
Traffic signals, signs, markings	Fee:	$4,100.00		$4,100.00	
Value Engineering - Roadway Design	Fee:	$0.00		$4,200.00	
Value Engineering - Railroad Bridge Design	Fee:	$0.00		$4,900.00	
Value Engineering - Drain Bridge Design	Fee:	$0.00		$5,700.00	
	Sub Total		$506,000.00		$564,500.00
Utility Coordination					
City Utility Coordination	Fee	$21,100.00		$21,100.00	
Subsurface Utility Engineering Plan	Fee	$50,500.00		$34,800.00	
	Sub Total		$71,600.00		$55,900.00
Public Participation Allowance	Fee	$33,200.00	$33,200.00	$14,600.00	$14,600.00
Right-of-Way Engineering *** (4 Permanent Parcels)	Fee	$34,700.00	$34,700.00	$34,700.00	$34,700.00
Maintenance of Traffic	Fee	$6,200.00	$6,200.00	$6,200.00	$6,200.00
Geotechnical Services	Fee	$70,700.00	$70,700.00	$70,700.00	$70,700.00
Federal Environmental Document	Fee	$91,600.00	$91,600.00	$136,667.00	$136,667.00
Permitting & Railroad Agreement	Fee	$45,300.00	$45,300.00	$45,300.00	$45,300.00
Other Contract documents - Plans and Specifications					
Preparation of Specifications	Fee:	$8,600.00		$8,600.00	
Preparation of Special provisions	Fee:	$10,400.00		$10,400.00	
Preparation of quantity take-offs	Fee:	$28,000.00		$34,200.00	
Preparation of line item construction cost estimate	Fee:	$17,100.00		$23,300.00	
Value Engineering - Quantity & Cost Estimate	Fee:	$0.00		$13,900.00	
	Sub Total		$64,100.00		$90,400.00
Bidding					
Attend prebid meetings	Fee:	$3,300.00		$3,300.00	
Respond to questions from bidders	Fee:	$3,100.00		$3,100.00	
Prepare addenda as needed	Fee:	$800.00		$800.00	
Review bids and make recommendations to City	Fee:	$1,500.00		$1,500.00	
	Sub Total		$8,700.00		$8,700.00
Construction					
Attend pre-construction conferences	Fee	$3,300.00		$3,300.00	
Provide design clarifications to contractor as requested	Fee	$7,800.00		$7,800.00	
	Sub Total		$11,100.00		$11,100.00
Reimbursable Expenses	Fee	$22,000.00	$22,000.00	$22,000.00	$22,000.00
Optional Additional Services - Right of Way Staking	Fee	$2,260.00	$2,260.00	$2,260.00	$2,260.00
Work Allowance			$50,000.00		$40,054.70
Project Management Plan	Fee	$0.00	$0.00	$11,400.00	$11,400.00
	Total Fee		$1,075,860.00		$1,200,081.70

[1] Provide summary of costs separately

Funding Application	Fee	$61,600.00		$61,600.00	
Right-of-Way Staking	Fee				
Additive/Change Alternative (optional)	Fee	$0.00		$0.00	

*Fee assumes utilities are marked prior to survey

**Assumes meetings are virtual and design fee will be supplemented once alternative has been chosen

***It is anticipated that 4 permanent R/W parcels will be involved. Fee includes 4 20-year Title Reports, 4 Legal and Parcel Plats, 4 parcels for right-of-way staking and 4 right-of-way plans. Cost per parcel for title research includes copies. R/W Engineering is anticipated to occur in 2023 and 2024.

Note: We investigated eliminating the Drain Bridge during the Study Phase, however, due to a combination of substandard grades/vertical curves and corresponding site distance, the Drain Bridge requires replacement.

Data sensitivity - Internal

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FEE JUSTIFICATION EXHIBIT
MANHOURS BY CLASSIFICATION
MEETINGS/CONFERENCES

OWNER: City of Fort Wayne
PROJECT: Fort Wayne Expressway over Harbor Drain

Task	Manhours by Classification				
	Dept. Manager	Project Manager	Project Engineer	Sen. Env. Analyst	Total
Prep for Bi-Monthly Meetings with City (18 @ 0.5 hrs per mtg.)		9	4		13
Bi-Monthly Meetings with City (18 @ 0.5 hrs per mtg.)		9	9		18
Prep for Monthly Meetings with FRA (24 @ 0.5 hrs per mtg.)		12	12		24
Monthly Meetings with FRA (24 @ 1 hrs per mtg.)		24	24	24	72
Total Hours	0	54	49	24	
Hourly Billing Rate	$82.34	$73.96	$56.73	$71.70	
Total Labor	$0.00	$3,993.84	$2,779.77	$1,720.80	$8,494.41
Overhead (219.64%)					$18,657.12
Labor + Overhead					$27,151.53
Profit (0%)					$0.00
Sub-Total					$27,151.53
Direct Non-Salary Costs					$0.00
FCCM (.00%)					$0.00
Total					$27,151.53
USE					$27,200.00

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FEE JUSTIFICATION EXHIBIT
MANHOURS BY CLASSIFICATION
ROADWAY DESIGN - SUPPLEMENT

OWNER: City of Fort Wayne
PROJECT: Fort Wayne Expressway
DESCRIPTION: Fort Wayne Expressway Approach

Task	Manhours by Classification				
	Depart. Mgr.	Project Mgr.	Project Engineer	CAD Technician	Total
Review Survey Notes					0
Plot, Check & Ink Topo for Plan & Profile					0
Plot & Check Original Cross Sections					0
Plot & Check Topo on Layout Sheet					0
Revise Prel. Typical Cross Section		4	2	8	14
Revise Superelevation Diagram	2	12	4	24	42
Revise Guardrail Layout		2	4	4	10
Revise Preliminary Grade		16	8	16	40
Economic Structure Cost Analysis					0
Revise Preliminary Plan & Profile Sheets		16	8	32	56
Preliminary Drainage Design					0
Prepare Preliminary Layout Sheet					0
Prepare Preliminary Channel Layout					0
Revise Preliminary R/W Design		8	4	16	28
Prepare Preliminary General Plan					0
Revise Preliminary Plot of Final Cross Sections	2	32	16	64	114
Preliminary Quantity Computations					0
Preliminary Construction Cost Estimate					0
Project Management (incl. Monthly Reports)					0
Submittal Package to City		4			4
Quality Assurance	8				8
Revised Stage 1 Plans					
Total Hours	12	94	46	164	316
Hourly Rate	$82.34	$73.96	$56.73	$45.93	
Total Labor	$988.08	$6,952.24	$2,609.58	$7,532.52	$18,082.42
Overhead (219.64%)					$39,716.23
Labor + Overhead					$57,798.65
Profit (0%)					$0.00
Sub-Total					$57,798.65
Direct Non-Salary Costs (Pavement Design)					$0.00
FCCM (.00%)					$0.00
Total					$57,798.65
USE					$57,800.00

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FEE JUSTIFICATION EXHIBIT
MANHOURS BY CLASSIFICATION
BRIDGE DESIGN - SUPPLEMENT

OWNER: City of Fort Wayne
PROJECT: Bridge 263 Replacement
DESCRIPTION: Fort Wayne Expressway over Harbor Drain

Task	Manhours by Classification				
	Depart. Mgr.	Project Mgr.	Project Engineer	CAD Technician	Total
Design Preliminary Grade					0
Revise Preliminary Structure Geometrics		8	4		12
Preliminary Plan & Profile Sheets					0
Revise Preliminary Deck Drainage Design		1	2		3
Revise Preliminary Layout Sheet		4	2	16	22
Prepare Preliminary Channel Layout					0
Preliminary R/W Design					0
Revise Preliminary General Plan		2	8	16	26
Revise Preliminary Plot of Final Cross Sections					0
Preliminary Quantity Computations					0
Preliminary Construction Cost Estimate					0
Project Management (incl. Monthly Reports)					0
Submittal Package to City		4			4
Quality Assurance	4				4
Revised Stage 1 Plans					
Total Hours	4	19	16	32	71
Hourly Rate	$82.34	$73.75	$53.62	$40.82	
Total Labor	$329.36	$1,401.25	$857.92	$1,306.24	$3,894.77
Overhead (184.34%)					$7,179.62
Labor + Overhead					$11,074.39
Profit (0%)					$0.00
Sub-Total					$11,074.39
Direct Non-Salary Costs					$0.00
FCCM (.00%)					$0.00
Total					$11,074.39
USE					$11,100.00

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FEE JUSTIFICATION EXHIBIT
MANHOURS BY CLASSIFICATION
DRAINAGE DESIGN - SUPPLEMENT

OWNER: City of Fort Wayne
PROJECT: Fort Wayne Expressway
DESCRIPTION: Fort Wayne Expressway Drainage

Task	Manhours by Classification				
	Depart. Mgr.	Project Mgr.	Project Engineer	CAD Technician	Total
Economic Structure Cost Analysis					0
Revise Preliminary Plan & Profile Sheets		4		8	12
Revise Roadside Drainage Design		12	6	24	42
Revise Storm Sewer Design	2	24	12	48	86
Revise Railroad Drainage Outlet Design	2	12	6	24	44
Prepare Preliminary Layout Sheet					0
Prepare Preliminary Channel Layout					0
Preliminary R/W Design					0
Prepare Preliminary General Plan					0
Preliminary Plot of Final Cross Sections					0
Preliminary Quantity Computations					0
Preliminary Construction Cost Estimate					0
Project Management (incl. Monthly Reports)					0
Submittal Package to City					0
Total Hours	4	52	24	104	184
Hourly Rate	$82.34	$73.96	$56.73	$45.93	
Total Labor	$329.36	$3,845.92	$1,361.52	$4,776.72	$10,313.52
Overhead (219.64%)					$22,652.62
Labor + Overhead					$32,966.14
Profit (0%)					$0.00
Sub-Total					$32,966.14
Direct Non-Salary Costs					$0.00
FCCM (.00%)					$0.00
Total					$32,966.14
USE					**$33,000.00**

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FEE JUSTIFICATION EXHIBIT
MANHOURS BY CLASSIFICATION
VALUE ENGINEERING ROADWAY DESIGN- SUPPLEMENT

OWNER: City of Fort Wayne
PROJECT: Fort Wayne Expressway
DESCRIPTION: Fort Wayne Expressway Approach

Task	Manhours by Classification				
	Depart. Mgr.	Project Mgr.	Project Engineer	CAD Technician	Total
Review Survey Notes					0
Plot, Check & Ink Topo for Plan & Profile					0
Plot & Check Original Cross Sections					0
Plot & Check Topo on Layout Sheet					0
Prepare Prel. Typical Cross Section					0
Prepare Preliminary Title Sheet					0
Hydraulic Analysis Review					0
Design Preliminary Grade		2	1		3
Design Prel. Structure Geometrics on Layout					0
Preliminary Plan & Profile Sheets					0
Preliminary Drainage Design		8	4	2	14
Prepare Preliminary Layout Sheet					0
Prepare Preliminary Channel Layout					0
Preliminary R/W Design		4		2	6
Prepare Preliminary General Plan					0
Preliminary Plot of Final Cross Sections					0
Preliminary Quantity Computations					0
Preliminary Construction Cost Estimate					0
Project Management (Incl. Monthly Reports)					0
Submittal Package to City					0
Quality Assurance					0
Total Hours	0	14	5	4	
Hourly Rate	$82.34	$73.75	$53.62	$40.82	
Total Labor	$0.00	$1,032.50	$268.10	$163.28	$1,463.88
Overhead (184.34%)					$2,698.52
Labor + Overhead					$4,162.40
Profit (0%)					$0.00
Sub-Total					$4,162.40
Direct Non-Salary Costs (Pavement Design)					$0.00
FCCM (.00%)					$0.00
Total					$4,162.40
USE					$4,200.00

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FEE JUSTIFICATION EXHIBIT
MANHOURS BY CLASSIFICATION
VALUE ENGINEERING BRIDGE DESIGN - SUPPLEMENT

OWNER: City of Fort Wayne
PROJECT: New Bridge
DESCRIPTION: Fort Wayne Expressway over NS RR (Allen 259)

Task	Manhours by Classification				
	Dept. Manager	Project Manager	Project Engineer	CAD Technician	Total
Design Grade					0
Design Prelim. Structure Geometrics		4	2		6
Preliminary Guardrail Design					0
Economic Structure Cost Analysis		8	4		12
Preliminary Plan & Profile Sheets					0
Preliminary Deck Drainage Design					0
Superelevation Diagram					0
Preliminary Layout Sheet					0
Preliminary Channel Layout					0
Preliminary R/W Design					0
Prepare Preliminary General Plan					0
Preliminary Cross Sections					0
Preliminary Quantity Computations		2	2		4
Preliminary Construction Cost Estimate		2	2		4
Project Management (incl. Monthly Reports)					0
Submittal Package to City					0
Quality Assurance					0
Stage 1 Alternates					
Total Hours	0	16	10	0	26
Hourly Billing Rate	$82.34	$73.75	$53.62	$40.62	
Total Labor	$0.00	$1,180.00	$536.20	$0.00	$1,716.20
Overhead (184.34%)					$3,163.64
Labor + Overhead					$4,879.84
Profit (0%)					$0.00
Sub-Total					$4,879.84
Direct Non-Salary Costs					$0.00
FCCM (.00%)					$0.00
Total					$4,879.84
USE					$4,900.00

Docusign Envelope ID: ABE35981-F387-8C6C-8100-6A13AC77F1E5

FEE JUSTIFICATION EXHIBIT
MANHOURS BY CLASSIFICATION
VALUE ENGINEERING BRIDGE DESIGN - SUPPLEMENT

OWNER: City of Fort Wayne
PROJECT: Bridge 263 Replacement
DESCRIPTION: Fort Wayne Expressway over Harbor Drain

Task	Manhours by Classification				
	Depart. Mgr.	Project Mgr.	Project Engineer	CAD Technician	Total
Design Preliminary Grade					0
Design Prel. Structure Geometrics on Layout		4	2		6
Economic Structure Cost Analysis		8	4		12
Preliminary Plan & Profile Sheets					0
Preliminary Deck Drainage Design					0
Prepare Preliminary Layout Sheet					0
Prepare Preliminary Channel Layout					0
Preliminary R/W Design					0
Prepare Preliminary General Plan					0
Preliminary Plot of Final Cross Sections					0
Preliminary Quantity Computations		4	2		6
Preliminary Construction Cost Estimate		4	2		6
Project Management (incl. Monthly Reports)					0
Submittal Package to City					0
Quality Assurance					0
Stage 1 Alternates					
Total Hours	0	20	10	0	30
Hourly Rate	$82.34	$73.75	$53.62	$40.82	
Total Labor	$0.00	$1,475.00	$536.20	$0.00	$2,011.20
Overhead (1.8434%)					$3,707.45
Labor + Overhead					$5,718.65
Profit (0%)					$0.00
Sub-Total					$5,718.65
Direct Non-Salary Costs (GAI 167 hours)					$0.00
FCCM (.00%)					$0.00
Total					$5,718.65
USE					$5,700.00

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FEE JUSTIFICATION EXHIBIT
MAN-HOURS BY CLASSIFICATION

ENVIRONMENTAL OVERSIGHT - SUPPLEMENT

OWNER: City of Fort Wayne
PROJECT: Airport Expressway Norfolk-Southern Railroad and Harber Drain - Allen County
DESCRIPTION: Grade Separation - New Bridge

Task	Man-hours by Classification			
		PROJECT ENGINEER	SENIOR EA	TOTAL
Project Management - Subconsultant Coordination			10	10
Red Flag Investigation review		2	2	4
Early Coordination review		2	2	4
Draft CE review		2	4	6
Final CE review		2	4	6
Total Hours		8	22	30
Hourly Rate		$56.73	$71.70	
Total Labor		$453.84	$1,577.40	$2,031.24
Overhead (219.64%)				$4,461.42
Labor + Overhead				$6,492.66
Profit (0%)				$0.00
FCCM (0%)				$0.00
Direct Non-Salary Costs				$67.50
TOTAL				$6,560.16
USE				$6,600.00

ENVIRONMENTAL OVERSIGHT
DIRECT COSTS

Task	X	Y	Z	TOTAL
MILEAGE				
(X miles/roundtrip) x (Y Trips) x ($0.49/mile) =	210	0	0.49	$0.00
XEROX COPIES				
(8.5 x 11) x (X sets) x (Y pages/set) x ($0.15/page)	3	150	0.15	$67.50
TOTAL				$67.50

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GAI Indiana offices located in:
Fishers, Fort Wayne, Indianapolis, and Vevay

November 12, 2025

GAI Project No. R230214.00

Mr. Jeff Parke, PE
EGIS
8320 Craig Street
Indianapolis, Indiana 46250

Fee Proposal
Airport Expressway Bridge
Allen County, Indiana

Dear Mr. Parke:

This letter is GAI Consultants, Inc.'s (GAI) scope and fee proposal to EGIS for supplemental environmental professional services related to the Airport Expressway Bridge Project in Allen County, Indiana (the Project). This project involves the development of a grade separation (bridge) over an active railroad corridor and is anticipated to utilize federal funding for the design and construction of the project.

This proposal outlines two key components:

- Supplemental effort associated with previously scoped tasks.
- Supplemental Effort to complete the Environmental Documentation in Compliance with FRA NEPA Requirements – New Scope

To the best of our ability, we have documented out-of-scope items resulting from design changes and additional requests that exceeded the originally agreed upon budgeted hours. These items are annotated within the attached fee schedule and described below.

Based on coordination with the Federal Railroad Administration (FRA), the Federal Highway Administration (FHWA) Plan Development Process (PDP) will serve as the framework for completing all National Environmental Policy Act (NEPA) tasks, except where otherwise noted. All services will be conducted in accordance with the most recent Indiana Department of Transportation (INDOT) Categorical Exclusion (CE) Manual to supplement the FRA CE Worksheet.

Scope of Environmental Services

Supplemental Effort Associated with Previously Scoped Tasks

- Data Collection and GIS Mapping: Due to four design revisions (dated 4/1/2023, 1/18/2024, 2/22/2024, and 8/1/2024), all GIS mapping products were redeveloped. Quality assurance measures were implemented to ensure accuracy across all revised footprints.
    - Prior to proceeding with GIS development, a study area is developed on reasonable accommodation of direct impacts from ground disturbance as well as previously communicated right-of-way (ROW) needs, including temporary and permanent. In order to capture the proposed changes, the project boundaries had to be altered with each of the identified revisions.
    - The April 2023 revision included additional design details, including MSE walls

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- The August 2024 revision significantly altered the project footprint by introducing a new alignment and staging area, requiring full redevelopment of GIS layers and maps, including:
  - Revised products included:
    - GIS project layers
    - 0.5 mile data snip and near analysis
    - RFI Maps: Location, Infrastructure, Water Resources, Mining and Mineral Resources, and HAZMAT
    - Project resource maps: State Location Map, USGS Topo Map, Aerial Map, NWI Map, NRCS Soils Map, NHD Map, FEMA/IDNR Floodplain Map, and Photo Location Map
    - Revised maps require, by INDOT and GAI internal procedures, that all products undergo QAQC prior to publication. This QAQC ensures that revisions to base data are captured and recorded accurately. Additionally, c.a. 2024 the RFI base layers were also updated from version 3. Without an approved RFI document, the draft is considered a living document and subject to change. Without a Des #, the final step in approval could not be completed.

- Red Flag Investigation: A full Red Flag Investigation (RFI) was completed and revised for each revised footprint, accounting for changes in design, right-of-way (ROW), and project description. A final review will be conducted prior to submission of the latest RFI with the environmental document to the FRA.
  - In addition to the above noted changes, the absence of the Des Number throughout the project history required GAI to maintain a living document that was ineligible to capture the project's impacts on resources and vice versa with a reviewed and signed document.
  - The RFI will need to be re-evaluated based on current conditions, undergo QAQC, and be submitted for concurrence.
- Agency Coordination: Early coordination letters will be reassessed and updated prior to being sent to the identified local, state, and federal agencies. GAI will incorporate agency recommendations into the environmental document and communicate relevant guidance to the design team.
  - Early coordination letters were updated to reflect changes in design parameters and required to reflect new potential impacts and ensure accurate resource agency review. Minor changes are incorporated within the scope of services, but multiple changes to design pushes the boundary of what is considered reasonable requests for changes.
- IPaC Consultation: Due to regulatory updates since the project's inception, previous species lists and determinations have been deemed invalid. GAI will conduct the necessary programmatic consultation contained within the U.S. Fish and Wildlife Service (USFWS) Information for Planning and Consultation (IPAC) for Section 7 clearance.
  - IPaC coordination/consultation is not considered complete until the USFWS issues a Consistency Letter. Consultation was opened with the development of the ECL and was revised with each change noted previously to accurately capture the project footprint and habitat impacts. The hours noted in the MHJ accounts for both future and past efforts in keeping the IPaC project updated (species lists expire and new determination keys have been developed numerous times over the past year as new species have been added to the keys and agreements have been changed). All of this documentation was developed according to project timelines, with an understanding that a Des number would be forthcoming and the process could come to a close for final incorporation into the CE document. With each revision of the plans, the consultation footprint needed to be updated, the project description updated, determination key updated, and draft CE

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Protected Species Section updated. Future efforts include finalizing the consultation process with FRA involvement and incorporating the current agreements and finding into the CE document.

Supplemental Effort Associated with New Scope

- Cultural Resources Coordination: GAI will coordinate the approval of the Archaeological Short Report and the Historic Properties Report. In lieu of INSCOPE, direct coordination with the Division of Historic Preservation and Archaeology (DHPA), consulting parties, and tribes will be facilitated by GAI. This scope item includes only adaptation to FRA procedures and incorporation into the environmental document.
- The project is presumed to meet all conditions of a Categorical Exclusion (CE), with minimal impacts to all categories defined by 23 CFR 771.116. The procedures providing supporting documentation to the CE will follow FHWA guidelines and procedures as outlined in the INDOT CE Manuals, however, the final environmental document will follow the framework contained within the FRA CE Worksheet. The CE Worksheet will be provided to Egis for review prior to draft submittal to the FRA Environmental Team.

  GAI will provide two rounds of revisions to the CE document based on comments received before submitting a Final version of the CE Worksheet that will release the environmental document for public involvement.

  - Although the CE was initially developed using the INDOT format, major sections of the CE need to be reworked based on the descriptions provided above. Additionally, though not required by the FRA, the FRA CE Worksheet provides a template that will be consistent with other FRA projects and would be a prudent choice. While the effort is anticipated to be moderate, reformatting and narrative adjustments will be necessary to replace INDOT specific procedures and references.
  - Two rounds of revisions are anticipated based on FRA and Egis comments. These include:
    - Addressing technical feedback
    - Updating impact assessments and narratives within the CE document
    - Revising all supporting documentation, including figures and attachments
- GAI will incorporate all public comments received into the environmental document and submit the CE for final signatures.
  - We anticipate that there will be coordination between GAI and EGIS to reach agreement on approach to comments received from FRA and finalizing the document. We also anticipate that there will be effort related to addressing and incorporating any comments from the public into the final CE.
- GAI will prepare a commitments summary based on the responses provided by resource agencies during the early coordination. This commitments summary will be furnished to the FRA for notice to construction.
  - FHWA and FRA do not have the same agreements with all resource agencies. Additionally INDOT has significantly reduced the commitments database by incorporation of standardized RSPs and USPs. All commitments are expected to be formally documented in coordination with FRA to ensure consistency with their construction oversight practices.
- GAI will attend ten (10) monthly update meetings and two on-site meetings.

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Compensation

GAI proposes to perform the supplemental services outlined herein for an additional Lump Sum fee of **$38,467.00**. The manhour justification with labor, mileage and direct expenses is included as Exhibit A.

GAI Consultants, Inc.
Airport Expressway Bridge, Allen County Indiana

Description	Fee
Prior Task Effort Out-of-Scope	$11,352.00
Section 106 Coordination	$ 2,080.00
CE Document Submittal	$19,025.00
Project Management and Meetings	$ 5,400.00
Direct Costs	$ 810.00
Lump Sum Total	**$38,467.00**

Thank you for the opportunity to submit this proposal for environmental services. If you have any questions with this proposal, please contact the undersigned at 317.436.4839.

Sincerely,
GAI Consultants, Inc.

Steven D Walls

Steven D. Walls
Transportation Director

Shaun M. Long

Shaun M. Long, PE, DBIA
Assistant Vice President

SML/SDW:kam

Attachment: Exhibit A- Manhour Justification

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November 12, 2025
GAI Project No. R230214.00

EXHIBIT A
Manhour Justification

Docusign Envelope ID: ABE35981-F387-8C6C-8100-6A13AC77F1E5

GAI CONSULTANTS, INC.

MANHOUR JUSTIFICATION

Project Name: Airport Expressway
GAI Project Number: R230214.00

DESCRIPTION: 6.0 Environmental — Date: 11/12/25

YEARS: *2021-2025 & 2026	ESTIMATED TIME					
WORK CLASSIFICATION	Engineering Director	Environmental Manager	Senior Project Environmental Specialist	Technical Specialist	TOTAL HOURS	TOTAL FEE
GAI Category	E15	E11	E07	E06		
Data Collection & GIS Mapping			12	12	24	$ 2,832.00
Red Flag Investigation Report		4	31		35	$ 4,810.00
Early Coordination			6		6	$ 780.00
IPaC Consultation		2	18		20	$ 2,730.00
Section 106 FRA and Agency Coordination			16		16	$ 2,080.00
Draft CE Preparation		14	30		44	$ 6,630.00
CE Revisions		5	20		25	$ 3,575.00
Final Environmental Document Submittal	6	12	20		38	$ 6,740.00
Commitments Summary/Env Consultation		4	10		14	$ 2,080.00
Project Management and Meetings	5	20			25	$ 5,400.00
TOTAL HOURS	11	61	163	12	247	
NEGOTIATED HOURLY RATE	$ 300.00	$ 195.00	$ 130.00	$ 106.00	$ 120.00	
LABOR COST	$ 3,300.00	$ 11,895.00	$ 21,190.00	$ 1,272.00		$ 37,657.00
DIRECT COSTS (see below)						$ 810.00
TOTAL FEE						$ 38,467.00

DIRECT COSTS	UNIT COST	QUANTITY	COST
Section 106			
Noise Analysis (Hanson Prof. Services)	$ -		
Publication Fees	$ 300.00	2	$ 600.00
Travel	$ 0.70	300	$ 210.00
		TOTAL	$ 810.00

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FEE JUSTIFICATION EXHIBIT
MANHOURS BY CLASSIFICATION
QUANTITIES AND COST ESTIMATES - SUPPLEMENT

OWNER: City of Fort Wayne
PROJECT: Fort Wayne Expressway
DESCRIPTION: Fort Wayne Expressway Approach

Task	Manhours by Classification				
	Depart. Mgr.	Project Mgr.	Project Engineer	CAD Technician	Total
Economic Structure Cost Analysis					0
Preliminary Plan & Profile Sheets					0
Preliminary Drainage Design					0
Prepare Preliminary Layout Sheet					0
Prepare Preliminary Channel Layout					0
Preliminary R/W Design					0
Prepare Preliminary General Plan					0
Preliminary Plot of Final Cross Sections					0
Revise Preliminary Quantity Computations		12	24		36
Revise Preliminary Construction Cost Estimate		12	24		36
Project Management (incl. Monthly Reports)					0
Submittal Package to City					0
Quality Assurance					0
Revise Stage 1 Plans					
Total Hours	0	24	48	0	72
Hourly Rate	$92.34	$73.75	$53.62	$40.82	
Total Labor	$0.00	$1,770.00	$2,573.76	$0.00	$4,343.76
Overhead (184.34%)					$8,007.29
Labor + Overhead					$12,351.05
Profit (0%)					$0.00
Sub-Total					$12,351.05
Direct Non-Salary Costs					$0.00
FCCM (.00%)					$0.00
Total					$12,351.05
USE					$12,400.00

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FEE JUSTIFICATION EXHIBIT

MANHOURS BY CLASSIFICATION

VALUE ENGINEERING QUANTITY & COST ESTIMATE - SUPPLEMENT

OWNER: City of Fort Wayne
PROJECT: Fort Wayne Expressway
DESCRIPTION: Fort Wayne Expressway Approach

Task	Manhours by Classification				
	Depart. Mgr.	Project Mgr.	Project Engineer	CAD Technician	Total
Economic Structure Cost Analysis					0
Preliminary Plan & Profile Sheets					0
Preliminary Drainage Design					0
Prepare Preliminary Layout Sheet					0
Prepare Preliminary Channel Layout					0
Preliminary R/W Design					0
Prepare Preliminary General Plan					0
Preliminary Plot of Final Cross Sections					0
Preliminary Quantity Computations		14	32	52	98
Preliminary Construction Cost Estimate					0
Project Management (incl. Monthly Reports)					0
Total Hours	0	14	32	52	98
Hourly Rate	$62.34	$73.75	$53.62	$40.82	
Total Labor	$0.00	$1,032.50	$1,715.84	$2,122.64	$4,870.98
Overhead (184.34%)					$8,979.16
Labor + Overhead					$13,850.14
Profit (0%)					$0.00
Sub-Total					$13,850.14
Direct Non-Salary Costs					$0.00
FCCM (.00%)					$0.00
Total					$13,850.14
USE					$13,900.00

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FEE JUSTIFICATION EXHIBIT
MANHOURS BY CLASSIFICATION
PROJECT MANAGEMENT PLAN

OWNER: City of Fort Wayne
PROJECT: Fort Wayne Expressway

Task	Manhours by Classification				
	Dept. Manager	Project Manager	Project Engineer	Sen. Env. Analyst	Total
PMP Plan following FRA Format Draft	2	8	36		46
Updates (20 @ 0.5 hrs per update)		10			10
Total Hours	2	18	36	0	56
Hourly Billing Rate	$82.34	$73.96	$56.73	$71.70	
Total Labor	$164.68	$1,331.28	$2,042.28	$0.00	$3,538.24
Overhead (219.64%)					$7,771.39
Labor + Overhead					$11,309.63
Profit (0%)					$0.00
Sub-Total					$11,309.63
Direct Non-Salary Costs					$0.00
FCCM (.00%)					$0.00
Total					$11,309.63
USE					$11,400.00

DIGEST SHEET

Department: Transportation Engineering

Resolution Number: #0578P

Title of Ordinance: Airport Expressway over Norfolk Southern Railroad Separation

Amount of Contract:
$124,221.70 Amendment to the Professional Services Agreement with Beam, Longest & Neff, LLC bringing the total not to exceed amount to $1,200,081.70.

Description of Project (Be Specific): Design of a railroad overpass crossing of the Norfolk Southern Railroad at Airport Expressway between Airport Rd & Bluffton Rd.

What Are The Implications If Not Approved: Continued and expanding delays for traffic and EMS/Police/Fire along Airport Expressway.

If Prior Approval Is Being Requested, Justify:

Additional Comments: