

1
2 **BILL NO. S-16-07-14**

SPECIAL ORDINANCE NO. S-_____

3 AN ORDINANCE approving PROFESSIONAL
4 SERVICES AGREEMENT - GOSHEN AVENUE
5 RECONSTRUCTION - PHASE I - W.O. #0034A -
6 \$497,960.00 between DLZ INDIANA, LLC and the
7 City of Fort Wayne, Indiana, in connection with the
8 Board of Public Works.

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

11 **SECTION 1.** That the PROFESSIONAL SERVICES
12 AGREEMENT - GOSHEN AVENUE RECONSTRUCTION - PHASE I - W.O.
13 #0034A - \$497,960.00 by and between DLZ INDIANA, LLC and the City of
14 Fort Wayne, Indiana, in connection with the Board of Public Works, is hereby
15 ratified, and affirmed and approved in all respects, respectfully for:

16 All labor, insurance, material, equipment, tools, power,
17 transportation, miscellaneous equipment, etc., necessary for
18 roundabout analysis, roundabout design, roadway design,
19 drainage design, landscape architecture, green
20 infrastructure, traffic signals, markings, street lighting, utility
coordination, public participation, maintenance of traffic,
permitting, contract documents, bidding, and construction
assistance:

21 involving a total cost of FOUR HUNDRED NINETY-SEVEN THOUSAND NINE
22 HUNDRED SIXTY AND 00/100 DOLLARS - (\$497,960.00). A copy of said
23 Contract is on file with the Office of the City Clerk and made available for
24 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

Carol Helton, City Attorney

**PROFESSIONAL SERVICES AGREEMENT
DESIGN SERVICES**

Goshen Avenue Reconstruction -- Phase I ("PROJECT")
Work Order #0034A

This Agreement is by and between

CITY OF FORT WAYNE ("CITY")

by and through its

Board of Public Works
Suite 210, Citizens Square
200 East Berry Street
Fort Wayne, IN 46802

and

DLZ INDIANA, LLC ("ENGINEER")

825 South Barr Street
Fort Wayne, Indiana 46802

Who agree as follows:

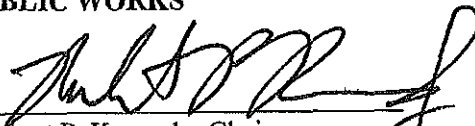
CITY hereby engages ENGINEER to perform the services set forth in Part I - Services ("SERVICES") and ENGINEER agrees to perform the SERVICES for the compensation set forth in Part III - Compensation ("COMPENSATION"). ENGINEER shall be authorized to commence the SERVICES upon execution of this Agreement and written authorization to proceed from CITY. CITY and ENGINEER agree that these signature pages, together with Parts I-IV and attachments referred to therein, constitute the entire Agreement ("AGREEMENT") between them relating to the PROJECT.

APPROVALS

APPROVED FOR CITY

BOARD OF PUBLIC WORKS

BY:


Robert P. Kennedy, Chair

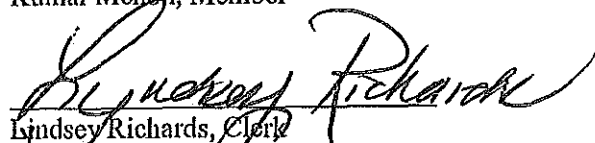
BY:


Mike Avila, Member

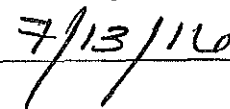
BY:


Kumar Menon, Member

ATTEST:


Lindsey Richards, Clerk

DATE:

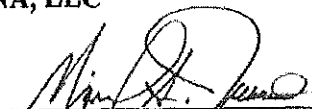


APPROVED as to legality and form

APPROVED FOR ENGINEER

DLZ INDIANA, LLC

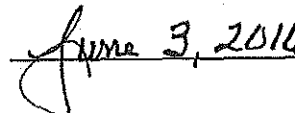
BY:


Miguel A. Treviño, PE, CPE – Vice President

ATTEST:


Gary K. Fisk, PE – Vice President

DATE:



PART I

SERVICES

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.

B. PROJECT DESCRIPTION

Project will involve the reconstruction of Goshen Avenue between State Boulevard and Cambridge Boulevard in north-western Fort Wayne. The project will include reuse of the existing pavement in some form with resurfacing by the method chosen by the CITY based on review of the recommendations of the ENGINEER. The road section shall keep its 2-lane section between State and the five points intersection. North of the five points intersection to Cambridge Boulevard, the roadway shall generally be a three lane section with a center turn lane. Roadway improvements will be designed as a conventional street but with curb and gutter, pedestrian infrastructure, and street lighting. The design shall include the conversion of the Five Points intersection from its current traffic signal layout to some form of roundabout as recommended by the ENGINEER and approved by the CITY.

1. Roadway

Roadway shall be reconstructed with 10-12 foot travel lanes with a center turn lane where previously noted. The method of reconstruction shall be recommended by the ENGINEER based on a visual and testing evaluation of the existing condition. Road alignment shall generally stay the same except grade changes to accommodate the rehabilitation method chosen and where needed changes can provide better cross road drainage and needed to accommodate the chosen roundabout. Pavement shall be designed to City of Fort Wayne Arterial Roadway specifications as a minimum. This section of Goshen Avenue is designated as a local delivery truck route and roadway shall be designed accordingly. The Five Points intersection shall be a single lane roundabout of some form as determined by modeling by the Engineer. The minimization of ROW acquisition shall be factor in selection of the configuration of the roundabout.

2. Drainage design

Engineer shall perform a watershed area and drainage review to determine if any new storm sewers are needed along with sizing and inlet spacing. All runoff shall be directed to either Spy Run Creek via the existing storm sewer system, or to Lowther-Neuhaus Drain. All drainage analyses and calculations shall be done in accordance with City Utilities Engineering Design Standards Manual and Master Specifications. All stormwater facilities details shall be in accordance with the aforementioned documents. All drainage calculations and analyses shall be submitted for review by City Utilities Engineering. The post-design conditions shall be shown to be equal to or less than the pre-design conditions.

3. Landscape architecture

Engineer shall provide landscaping plan which includes street trees and other recommended plantings of the available green spaces in conjunction with any green alternatives included in the project scope. All plantings and trees shall be coordinated with City of Fort Wayne Parks Department Arborist and Landscape Architect.

4. Green infrastructure

Green infrastructure initiatives shall be incorporated into the design which will be aimed at capturing/reducing runoff as well as treating the first 1-inch of rainfall on site prior to discharge to either Spy Run Creek or Lowther-Newhaus Drain. Engineer shall recommend green infrastructure alternatives to the City with costs and benefits including **maintenance** costs. City encourages creative ideas provided they do not pose significant maintenance issues. Prior to development of details, the Engineer shall provide recommended green infrastructure alternatives to the City for discussion. These options may be in the form of samples images, renderings, technical drawings, or specifications such that City staff can fully understand the proposed ideas. These ideas shall be presented along with initial and recurring costs and a recommendation will be made to the City. City staff will evaluate and select a recommended plan as proposed or with possible revisions. Engineer shall complete the design of the selected green infrastructure initiatives once all revisions have been evaluated.

5. Traffic signals, signs and pavement markings

Engineer shall incorporate the modification of traffic signals within the project limits as necessary to provide PROWAG compliance (including audible signals) and amber flashing arrows where protected permissive movements currently exist. All signage and pavement markings shall be included in the design. Pavement markings are to be epoxy paint on both asphalt pavement and concrete pavement.

6. Street lighting

City will provide a lighting layout and specifications using fixtures identified for this area. Engineer will incorporate these fixtures and the layout into the plans and other construction documents and perform the necessary voltage drop calculations and circuit and service point design.

7. Utility coordination

Engineer shall coordinate with all existing utilities. While all efforts are to be made to minimize relocation of utilities, if necessary Engineer shall coordinate the development of relocation plans. It is not required to fully follow the INDOT utility coordination process. The Engineer shall also include the design of a single duct bank system along the entire project corridor to accommodate both the City's needs and the needs of the communications utilities in the project area.

8. Public participation

Engineer shall participate in no less than two public meetings, and shall develop an appropriate number of perspective renderings and other visual aids to illustrate the proposed project design. These meetings will be held at a location near the project limits or at Citizen's Square.

9. Right-of-way

All work shall be designed so as to stay within the existing road right-of-way except for driveway approaches and at the roundabout area. Right-of-way related services shall include right-of-way engineering, T&E reports, and APA's. ROW acquisition will be accomplished by City personnel.

10. Maintenance of traffic

Engineer shall develop maintenance of traffic plans such that two-way traffic will be maintained on Goshen Avenue as well as access to all public streets and properties shall be maintained at all times during construction. No more than two legs of the roundabout shall be closed at the same time during the construction of the roundabout.

11. Permitting

Engineer shall obtain all necessary permits prior to completion of design services. Required permits as follows:

1. IDEM – Section 401 Water Quality Certification
2. IDEM – Rule 5 Erosion Control Plan

C. SCOPE OF WORK

The duty of the ENGINEER is to design approved improvements; develop construction drawings, specifications and special provisions. The final construction documents shall be stamped by a Registered Professional Engineer, licensed in the state of Indiana and employed by the ENGINEER. The tasks identified for this project are provided in Attachment 1 – Scope of Services Fee Proposal. The ENGINEER shall develop and provide the following services associated with those tasks:

Project Schedule and Review Meetings

- 1.1 Prepare and update quarterly the project design schedule.
- 1.2 Keep the minutes of the Review and Coordination Meetings and distribute these minutes within 7 days of the Review Meeting.

Data Collection and Field Survey

- 2.1 Research CITY documents for existing mapping, utility information, as-built drawings, information management system and other pertinent data. (City will provide available information)
- 2.2 Identify utilities and their apparent location from Utility maps.
- 2.3 Check conflicts with any other proposed projects in the immediate area.
- 2.4 Contact all utility companies and have the underground utilities field marked along the selected route. (Coordinate with IUPPS)
- 2.5 Complete a field survey.

Preliminary Design Stages

Develop and submit preliminary design plans at 30%, 60%, and 90% design stages as follows:

- 3.1 Prepare existing site drawings. (See Transportation Engineering Services, Drafting Standards)
- 3.2 Provide a utility location plan indicating apparent conflict areas.
- 3.3 Address apparent utility conflicts.
- 3.4 Compile additional data as needed.
- 3.5 Advise CITY of need for additional data relative to exploratory digs, pavement cores, soil borings and geotechnical evaluation issues all in accordance with good engineering practices. Provide a plan indicating recommended exploratory digs, pavement corings, soil borings and any areas of special interest prior to performing work. Fee for additional data work proposed shall be approved prior to commencing with the work.
- 3.6 Determine the final location of the proposed improvements, any permanent or temporary right-of-way or easement requirements.
- 3.7 Select construction materials and products to be used on this project after review with the City.
- 3.8 Prepare Preliminary Design Drawings and submit two (2) paper sets of plans and one (1) electronic version of the project drawings (AUTOCAD version 13 and PDF) for each design phase. Incorporate all design improvements.
- 3.9 Prepare outline of specifications or reference standard specifications to supplement CITY standards.
- 3.10 Prepare estimate of quantities and estimate of construction costs.
- 3.11 Attend Preliminary Design Review Meetings with each submittal.
- 3.12 Attend two public meetings to present and solicit public input on project.

- 3.13 Comments received from each design submittal shall be addressed with the next submittal.

Final Design

- 4.1 Prepare draft specifications for the improvements, including special provisions and necessary details to supplement CITY standards.
- 4.2 Prepare final design drawings. Incorporate comments received during the review meetings and routings.
- 4.3 Update summary of project quantities.
- 4.4 Upon approval of Final Design drawings and project specifications, prepare and submit one (1) set of stamped plans, itemized bid, special provisions and itemized engineers estimate and electronic version of the project drawings (AUTOCAD version 13 and PDF) and documents (Microsoft WORD).

Bidding

- 5.1 Attend Pre-bid Meeting.
- 5.2 Respond to questions from bidders and manufacturer representatives during bidding as requested by CITY. Responses requiring additional information or clarification not found within the bid documents shall ONLY be addressed by addendum.
- 5.3 Prepare addenda, as needed to interpret, clarify or expand bid documents. CITY to issue addenda.
- 5.4 Review and tabulate bids and make recommendation regarding construction contract award to the CITY.

D. SCHEDULE

The project will be completed per attached design schedule. This schedule is based on receiving a Notice to Proceed by July 1, 2016 and receiving prompt review and approvals from CITY.

<u>ACTIVITY</u>	<u>DAYS</u>
Field Survey	60
Preliminary Design	120
Final Design	120
Bidding	30

PART II

CITY'S RESPONSIBILITIES

City shall, at its expense, do the following in a timely manner so as not to delay the SERVICES:

A. INFORMATION REPORTS/CITY UTILITY MAPS/AERIAL MAPS/CONTOUR MAPS

Make available to ENGINEER reports, studies, regulatory decisions and similar information relating to the SERVICES that ENGINEER may rely upon without independent verification unless specifically identified as requiring such verification.

Provide ENGINEER with electronic copies of existing CITY utility maps, aerial maps and contour maps that are readily available.

B. REPRESENTATIVE

Designate a representative for the project who shall have the authority to transmit instructions, receive information, interpret and define CITY'S requirements and make decisions with respect to the SERVICES. The CITY representative for this AGREEMENT will be Shan Gunawardena, City Engineer.

C. DECISIONS

Provide all criteria and full information as to CITY'S requirements for the SERVICES and make timely decisions on matters relating to the SERVICES.

§

PART III
COMPENSATION

A. COMPENSATION

Compensation for services performed in accordance with Part I – SERVICES of this Agreement will be based on hours actually spent and expenses actually incurred with a not-to-exceed engineering fee of \$497,960 as summarized in attached Attachment 1. Please note that there is a \$ 30,000 work allowance included in the engineering fee for this project.

ENGINEER's costs will be based on the hours incurred to complete the project times the hourly rates of the various personnel, per Attachment # 2 – Employee Hourly Rate Schedule. All reimbursable costs incurred for the Project will be invoiced at actual cost.

Payment for outside consulting and/or professional services such as Geotechnical, Registered Land Surveyor for easement preparation, or Legal Services performed by a Subconsultant at actual cost to ENGINEER plus ten percent (10%) for administrative costs. The ENGINEER will obtain written CITY approval before authorizing these services.

B. BILLING AND PAYMENT

1. Timing/Format

- a. ENGINEER shall invoice CITY monthly for SERVICES **completed** at the time of billing. Such invoices shall be prepared in a form and supported by documentation as CITY may reasonably require.
- b. CITY shall pay ENGINEER within 30 days of receipt of valid approved invoice.

2. Billing Records

ENGINEER shall maintain accounting records of its costs in accordance with generally accepted accounting practices. Access to such records will be provided during normal business hours with reasonable notice during the term of this Agreement and for 3 years after completion.

PART IV STANDARD TERMS AND CONDITIONS

1. **STANDARD OF CARE.** Services shall be performed in accordance with the standard of professional practice ordinarily exercised by the applicable profession at the time and within the locality where the services are performed. No warranty or guarantee, express or implied, are provided, including warranties or guarantees contained in any uniform commercial code.

2. **CHANGE OF SCOPE.** The scope of Services set forth in this Agreement is based on facts known at the time of execution of this Agreement, including, if applicable, information supplied by ENGINEER and CITY. ENGINEER will promptly notify CITY of any perceived changes of scope in writing and the parties shall negotiate modifications to this Agreement.

3. **SAFETY.** ENGINEER shall establish and maintain programs and procedures for the safety of its employees. ENGINEER specifically disclaims any authority or responsibility for general job site safety and safety of persons other than ENGINEER employees.

4. **DELAYS.** If events beyond the control of ENGINEER, including, but not limited to, fire, flood, explosion, riot, strike, war, process shutdown, act of God or the public enemy, and act or regulation of any government agency, result in delay to any schedule established in this Agreement, such schedule shall be extended for a period equal to the delay. In the event such delay exceeds 90 days, ENGINEER will be entitled to an equitable adjustment in compensation.

5. **TERMINATION/SUSPENSION.** Either party may terminate this Agreement upon 30 days written notice to the other party in the event of substantial failure by the other party to perform in accordance with its obligations under this Agreement through no fault of the terminating party. CITY shall pay ENGINEER for all Services, including profit relating thereto, rendered prior to termination, plus any expenses of termination.

ENGINEER or CITY, for purposes of convenience, may at any time by written notice terminate the services under this Agreement. In the event of such termination, ENGINEER shall be paid for all authorized services rendered prior to termination including reasonable profit and expenses relating thereto.

6. **REUSE OF PROJECT DELIVERABLES.** Reuse of any documents or other deliverables, including electronic media, pertaining to the Project by CITY for any purpose other than that for which such documents or deliverables were originally prepared, or alteration of such documents or deliverables without written verification or adaptation by ENGINEER for the specific purpose intended, shall be at CITY's sole risk.

7. **OPINIONS OF CONSTRUCTION COST.** Any opinion of construction costs prepared by ENGINEER is supplied for the general guidance of the CITY only. Since ENGINEER has no control over competitive bidding or market conditions, ENGINEER cannot guarantee the accuracy of such opinions as compared to contract bids or actual costs to CITY.

8. **RELATIONSHIP WITH CONTRACTORS.** ENGINEER shall serve as CITY's professional representative for the Services, and may make recommendations to CITY concerning actions relating to CITY's contractors, but ENGINEER specifically disclaims any authority to direct or supervise the means, methods, techniques, sequences or procedures of construction selected by CITY's contractors.

9. **MODIFICATION.** This Agreement, upon execution by both parties hereto, can be modified only by a written instrument signed by both parties.

10. **PROPRIETARY INFORMATION.** Information relating to the Project, unless in the public domain, shall be kept confidential by ENGINEER and shall not be made available to third parties without written consent of CITY.

11. **INSURANCE.** ENGINEER shall maintain in full force and effect during the performance of the Services the following insurance coverage; provided, however, that if a High Risk Insurance Attachment is attached hereto, the requirements of the High Risk Insurance Attachment shall be substituted in lieu of the following requirements:

- a) Worker's Compensation per statutory requirements
- b) General Liability \$1,000,000 minimum per occurrence/ \$1,000,000 aggregate (if the value of the projects exceeds \$10,000,000 then this shall be \$5,000,000 aggregate).
- c) Automobile Liability \$1,000,000 per occurrence
- d) Products Liability \$1,000,000 per occurrence
- e) Completed Operations Liability \$1,000,000 minimum per occurrence

The Certificate of Insurance must show the City of Fort Wayne, its Divisions and

Subsidiaries as an Additional Insured and a Certificate Holder, with 30 days notification of cancellation or non-renewal. All Certificates of Insurance should be sent to the following address:
City of Fort Wayne Purchasing Department
200 East Berry Street, Suite 490
Fort Wayne, IN 46802

12. **INDEMNITIES.** To the fullest extent permitted by law, ENGINEER shall indemnify and save harmless the City from and against loss, liability, and damages sustained by CITY, its agents, employees, and representatives by reason of injury or death to persons or damage to tangible property to the extent caused directly by the negligent errors or omissions of ENGINEER, its agents or employees.

13. **LIMITATIONS OF LIABILITY.** Each party's liability to the other for any loss, cost, claim, liability, damage, or expense (including attorneys' fees) relating to or arising out of any negligent act or omission in its performance of obligations arising out of this Agreement, shall be limited to the amount of direct damage actually incurred. Absent gross negligence or knowing and willful misconduct which causes a loss, neither party shall be liable to the other for any indirect, special or consequential damage of any kind whatsoever.

14. **ASSIGNMENT.** The rights and obligations of this Agreement cannot be assigned by either party without written permission of the other party. This Agreement shall be binding upon and insure to the benefit of any permitted assigns.

15. **ACCESS.** CITY shall provide ENGINEER safe access to any premises necessary for ENGINEER to provide the Services.

16. **PREVAILING PARTY LITIGATION COSTS.** In the event any actions are brought to enforce this Agreement, the prevailing party shall be entitled to collect its litigation costs from the other party.

17. **NO WAIVER.** No waiver by either party of any default by the other party in the performance of any particular section of this Agreement shall invalidate another section of this Agreement or operate as a waiver of any future default, whether like or different in character.

18. **SEVERABILITY.** The various term, provisions and covenants herein contained shall be deemed to be separate and severable, and the invalidity or unenforceability of any of them shall not affect or impair the validity or enforceability of the remainder.

19. **AUTHORITY.** The persons signing this Agreement warrant that they have the authority to sign as, or on behalf of, the party for whom they are signing.

20. **STATUTE OF LIMITATION.** To the fullest extent permitted by law, parties agree that, except for claims for indemnification, the time period for bringing claims regarding ENGINEER's performance under this Agreement shall expire one year after Project Completion.

21. **CONSENT DECREE NOTIFICATION.** ENGINEER shall perform, or cause others to perform, all services undertaken in connection with this Agreement in a good and workman-like manner and in conformance with the terms of the Consent Decree entered in the U.S District Court on April 1, 2003 by the United States and State of Indiana. ENGINEER acknowledges that it has been provided a complete copy of the Consent Decree which can be viewed at:
http://www.cityoffortwayne.org/utilities/images/stories/docs/consent_decree/Consent_Decree.pdf

22. **DOCUMENT RETENTION.** Notwithstanding any other provision of this Agreement, ENGINEER agrees to preserve all non-identical copies of all documents, records and other information (whether in physical or electronic form) within ENGINEER's possession or control and which relate, in any manner, to the performance of the services undertaken in connection with this Agreement for a period of 1 year after the completion contemplated by the Agreement (the "Retention Period"). Prior to the end of the Retention Period, or at any earlier time if requested by the CITY, ENGINEER shall provide the CITY with complete copies of such documents, records and other information at no cost to the CITY. The copies shall be provided to the CITY on CD or DVD media, and individual files shall be in Adobe PDF format. The individual files shall be contained in a ZIP formatted file, and the filename of the ZIP shall include the name of the project and the ENGINEER. No part of any file shall be encrypted or protected from copying. Such copies shall be accompanied by a verified written statement from the ENGINEER attesting that it has provided the CITY with complete copies of all documents, records and other information which relates to the service contemplated by the Agreement.

Attachment 1 – Scope of Services Fee Proposal for Goshen Avenue Reconstruction - Phase I

	Fee	Item Cost	Section Cost	Item Manhours	Section Manhours
<u>Topographic Survey</u>		\$72,550.00	\$72,550.00	764.5	764.5
<u>Design Elements</u>					
Roundabout analysis	Fee:	\$2,280.00		157	
Roadway design	Fee:	\$73,680.00		517	
Roundabout design	Fee:	\$17,990.00		127	
Drainage	Fee:	\$40,300.00		353	
Landscape architecture	Fee:	\$14,850.00		126	
Green infrastructure	Fee:	\$43,350.00		306	
Traffic signals, signs, markings	Fee:	\$18,240.00		156	
Street Lighting	Fee:	\$18,410.00		140	
Sub Total			\$229,100.00		1964
<u>Utility Coordination</u>					
City Utility Coordination	Fee	\$11,250.00		125	
Duct Bank	Fee	\$9,250.00		96	
Sub Total			\$20,500.00		221
<u>Public Participation</u>	Fee	\$26,290.00	\$26,290.00	237	237
<u>Right-of-Way Engineering ⁽¹⁾</u>	Fee	\$24,380.00	\$24,380.00		0
<u>Maintenance of Traffic</u>	Fee	\$18,780.00	\$18,780.00	211	211
<u>Permitting</u>	Fee	\$11,110.00	\$11,110.00	65	63
<u>Other Contract documents</u>					
Preparation of Specifications	Fee:	\$9,150.00		50	
Preparation of Special provisions	Fee:	\$8,880.00		82	
Preparation of quantity take-offs	Fee:	\$14,500.00		140	
Preparation of line item construction cost estimate	Fee:	\$5,330.00		43	
Sub Total			\$37,860.00		363
<u>Bidding</u>					
Attend prebid meeting	Fee:	\$3,010.00		26	
Respond to questions from bidders	Fee:	\$3,950.00		38	
Prepare addenda as needed	Fee:	\$2,300.00		22	
Review and tabulate bids and make recommendations to City	Fee:	\$690.00		6	
Sub Total			\$9,950.00		92
<u>Construction</u>					
Attend pre-construction conference	Fee	\$1,910.00		16	
Provide design clarifications to contractor as requested	Fee	\$13,130.00		120	
Sub Total			\$15,040.00		126
<u>Reimbursable Expenses</u>	Fee	\$2,500.00	\$2,500.00		
<u>Work Allowance</u>			\$30,000.00		
Total Fee			\$497,960.00		4,042

⁽¹⁾ Provide summary of costs separately

Assumptions

1. City to provide geotechnical information for use in storm sewer and foundation design
2. City to run the pre-construction conference/issue meeting minutes
3. City to manage/address relocation efforts if they are needed
4. DLZ estimates the construction cost of the project to be approximately \$5,000,000
5. DLZ estimates that as many as 12 parcels could be affected near the proposed roundabout
6. DLZ estimates that the construction costs related to the drainage/green infrastructure items is approximately \$1,566,950
7. City to determine scope/number of neighborhood gateway features (DLZ estimated one feature within roundabout and three along corridor)

Attachment 1
Goshen Avenue
City of Ft. Wayne
Topo Survey and LCRS
Fee Justification

May 24, 2016

DLZ Indiana, LLC

	LS	Party Chief	CADD Tech	Total
Engineering Survey				
Research				
Auditor / Assessor Maps			0.5	
Subdivision Plats			4	
Owners Names and Addresses			6	
Mallings	1		10	
Deeds			16	
Section Corner Ties		1		
Plans		4		
Surveys		2		
Utility Coordination				
Locate Tickets			4	
Follow - Up Verification		2		
Vertical Control				
Bench Level Circuit	2	20	20	
Horizontal Control				
Main Line Traverse	2	10	10	
Section Corner & Alignment Recon	3	10	10	
Property Corner Reconnaissance	3	16	16	
Topography / Elevations				
Mainline (3,620')	3	76	76	
S-Lines (2,830')	3	38	38	
Structures & Misc. Details	2	40	40	
Route Survey & Field Book Preparation				
Alignment Calculation	12	24	12	
Property Line Determination	8		20	
Topography (CAD Drawing)	10		36	
Set Alignment and Reference		16	16	
Field Check		6	6	
Route Survey (LCRS)	12		52	
Field Book	4		10	
Travel				
Travel Time		16	16	
Total Hours	65	281	418.5	764.5
Rate	\$128.27	\$128.27	\$64.64	
Total Salary Cost	\$ 8,337.55	\$ 36,043.87	\$ 27,051.84	\$ 71,433.26
Direct Cost (See below)				\$ 1,113.13
Total				\$ 72,546.39
Engineering Survey Fee				\$ 72,550.00

DIRECT COSTS	UNIT COST	QUANTITY	COST
Travel Mileage	\$0.36/mile	1125	\$ 613.13
Lodging (Per Person / Day)	\$90/person		\$ -
Per Diem (Per Person / Day)	\$26/person		\$ -
Reproductions/Copies/Materials/Postage	LS	1	\$ 500.00
	TOTAL		\$ 1,113.13

Attachment 1

Goshen Avenue
City of Ft. Wayne
Roundabout Design
Fee Justification

May 24, 2016

DLZ Indiana, LLC

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	Div. Mgr.	PROJ. MGR.	ENGR. IV	PLANNER III	ENGR. II	CADD TECH	Dept. Mgr.		
ROUNDABOUT ANALYSIS									
Roundabout Analysis - 1 software (RODEL)	1	1	4	4	6	4		20	\$2,270.40
SUBTOTAL	1	1	4	4	6	4	0	20	\$2,280.00
ROUNDABOUT DESIGN									
Roundabout Sketches	2	2		12				16	\$2,020.00
Roundabout Concept (with 1 round of revisions)	2	2		8				12	\$1,563.40
Horizontal Geo for Prelim Plans (with 1 round of revisions)	2	28		2				32	\$4,345.02
Exhibits (lost paths, sight lines, bucks, etc.)	1	2		8				11	\$1,371.60
Review prelim profiles	1	2		2				5	\$680.80
Review 30% Plans (rdt only)	1	16		10				27	\$3,466.32
Review 60% Plans (rdt only)	1	14		4				19	\$2,614.90
Review 80% Plans (rdt only)	1	12		2				15	\$2,020.00
SUBTOTAL	11	70	0	48	0	0	0	137	\$17,980.00
TOTAL HOURS:	12	79	4	52	6	4	0	157	
RATES	\$191.90	\$133.32	\$161.60	\$114.13	\$104.03	\$64.64	\$171.70		

Attachment 1

Goshen Avenue
City of Ft. Wayne
Roadway Design
Fee Justification

May 24, 2016

DLZ Indiana, LLC

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
PRELIMINARY PLANS (30%)									
Check of Exisl. Conditions						8		8	\$517.12
Prel. Title Sheet			1			2		3	\$243.41
Prel. Index & Reference Sheet			1			2		3	\$243.41
Prel. Typical Cross Sections			1	4		2		7	\$659.53
Preliminary Geometries			2	6	8	8		24	\$2,072.52
Prel. Proposed Plan Sheets			2	6	8	8		24	\$2,072.52
Implementing Green Initiatives in plans			2	6	8	24		40	\$3,106.76
Implementing Drainage concepts in plans			2	6	8	24		40	\$3,106.76
Prel. Signing and Markings			2	4	8	8		22	\$1,884.40
Project Management		60						60	\$7,999.20
QM/QC	1	2						3	\$438.34
SUBTOTAL	1	62	13	32	40	88	0	234	\$22,324.03
PRELIMINARY PLANS (60%)									
Revise Plans per OWNER Review Comments		1	1	4	6	8		20	\$1,707.91
Prel. Crossing Details			1	4	6	8		19	\$1,574.59
Prel. Detail Sheets			1	4	6	8		19	\$1,574.59
Prel. Tables			1	4	6	8		19	\$1,574.59
Implementing Green Initiatives in plans			2	6	6	24		40	\$3,139.08
Implementing Drainage concepts in plans			2	6	6	24		40	\$3,139.08
Project Management		60						60	\$7,999.20
QM/QC	1	2						3	\$438.34
SUBTOTAL	1	63	8	32	36	80	0	220	\$21,147.38
PRELIMINARY PLANS (90%)									
Revise Plans per OWNER Review Comments		1	2	8	8	8		27	\$2,413.90
Finalize Index & Reference Sheet			1			2		3	\$243.41
Implementing Green Initiatives in plans			1	4	4	8		17	\$1,398.85
Implementing Drainage concepts in plans			1	4	4	6		15	\$1,269.57
Finalize Proposed Plan Sheets			1	6	8	6		21	\$1,820.11
Finalize Cross Sections			1	6	8	4		19	\$1,699.83
Finalize Signing and Markings			1	6	8	4		19	\$1,699.83
Finalize Crossing Details			1	6	8	4		19	\$1,699.83
Finalize Detail Sheets			1	2	4	4		11	\$932.23
Finalize Tables			1	2	4	4		11	\$932.23
Project Management		60						60	\$7,999.20
QM/QC	1	2						3	\$438.34
SUBTOTAL	1	83	11	44	56	50	0	225	\$22,556.33
FINAL PLANS (100%)									
Revise Plans per OWNER Review Comments		2	4	4	4	6		20	\$1,878.60
Project Management		40						40	\$5,332.80
QM/QC	1	2						3	\$438.34
SUBTOTAL	1	44	4	4	4	6	0	63	\$7,649.74
TOTAL-HOURS:	4	232	36	112	136	222	0	517	\$73,680.00
RATES	\$171.70	\$133.32	\$114.13	\$104.03	\$87.87	\$84.64	\$56.56		

Attachment 1

Goshen Avenue
City of Ft. Wayne
Drainage Design
Fee Justification

May 24, 2016

DLZ Indiana, LLC

Tasks	DEPT.	PROJ.	ENGR. IV	ENGR. II	ENGR. I	CADD	Clerical	TOTAL	TOTAL
	MGR.	MGR.				Tech		HOURS	DOLLARS
								/TASK	/TASK
30% Design	1	16	16	24	40			97	\$10,740.34
Project Meetings (3 assumed)	1	24	8			8	4	45	\$5,326.74
Topo Maps, GIS, and Other Existing Mapping			4	8	8			20	\$2,141.20
Field Investigation			8	8				16	\$2,044.24
60% Design	1	8	16	24	40			89	\$9,873.78
Conduct Field Investigation with OWNER	1	8	8					17	\$2,450.26
90% Design	1	8	16	24	20			69	\$7,916.38
TOTAL - HOURS:	5	64	76	88	108	8	4	363	\$40,292.04
HOURLY RATES - 2016	\$171.70	\$133.32	\$161.50	\$104.03	\$87.87	\$64.64	\$56.56		
TOTAL FEE	\$858.50	\$8,532.48	\$11,514.00	\$9,154.64	\$9,489.96	\$517.12	\$226.24		\$40,292.04
OTHER DIRECT COSTS									
TOTAL FEE (rounded)									\$40,300.00

OTHER DIRECT COSTS					Roundtrip Miles	# of Trips	Cost/mile
							\$0.540
TOTAL DIRECT COSTS:							

Attachment 1

Goshen Avenue City of Ft. Wayne Landscape Architecture Design Fee Justification

May 24, 2016

DLZ Indiana, LLC

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	LA III	LA II	LA I	CADD TECH	CLERICAL		
PRELIMINARY PLANS (30%)									
Review Applicable CFW Ordinances and DDM			2					2	\$228.26
Set-up Landscape Plan Sheets (corridor and RAB)			2					2	\$228.26
30% Landscape Plan Sheets (design + CAD)			16					16	\$1,826.08
30% Detail Sheets			2					2	\$228.26
CFW Review Meeting (1 mtg Incl time in car)			6					6	\$684.78
In-house Coordination Meetings (v-conf)			4					4	\$456.52
Coordinate with Green Initiatives			4					4	\$456.52
QM/QC	2							2	\$343.40
SUBTOTAL	2	0	36	0	0	0	0	38	\$4,452.06
PRELIMINARY PLANS (60%)									
Address OWNER Review Comments			2					2	\$228.26
60% Landscape Plan Sheets (design + CAD)			24					24	\$2,739.12
60% Detail Sheets			4					4	\$456.52
CFW Review Meeting (1 mtg Incl time in car)			4					4	\$456.52
In-house Coordination Meetings (v-conf)			4					4	\$456.52
Coordinate with Green Initiatives			4					4	\$456.52
QM/QC	4							4	\$686.80
SUBTOTAL	4	0	42	0	0	0	0	46	\$5,480.26
PRELIMINARY PLANS (90%)									
Address OWNER Review Comments			2					2	\$228.26
90% Landscape Plan Sheets (design + CAD)			8					8	\$913.04
90% Detail Sheets			2					2	\$228.26
CFW Review Meeting (1 mtg Incl time in car)			4					4	\$456.52
In-house Coordination Meetings (v-conf)			4					4	\$456.52
Coordinate with Green Initiatives			4					4	\$456.52
QM/QC	2							2	\$343.40
SUBTOTAL	2	0	24	0	0	0	0	26	\$3,082.52
FINAL PLANS (100%)									
Address OWNER Review Comments			1					1	\$114.13
100% Landscape Plan Sheets (design + CAD)			8					8	\$913.04
100% Detail Sheets			2					2	\$228.26
In-house Coordination Meetings (v-conf)			1					1	\$114.13
Coordinate with Green Initiatives			1					1	\$114.13
QM/QC	2							2	\$343.40
SUBTOTAL	2	0	13	0	0	0	0	15	\$1,827.09
TOTAL HOURS:	10	0	115	0	0	0	0	125	\$14,850.00
RATES	\$171.70	\$133.32	\$114.13	\$104.03	\$87.87	\$64.84	\$56.56		

Attachment 1

Goshen Avenue
City of Ft. Wayne
Green Infrastructure
Fee Justification

May 24, 2016

DLZ Indiana, LLC

Tasks	DEPT.	PROJ.	ENGR. IV	ENGR. II	ENGR. I	CADD	Clerical	TOTAL	TOTAL
	MGR.	MGR.				Tech		HOURS	DOLLARS
								/TASK	/TASK
30% Design	1	8	16	20	40			85	\$8,257.65
Alternatives Analysis	1	16	16	20	40	4	6	103	\$10,922.14
Owner Meetings for Alternatives	1	8	8		8	4		28	\$3,411.76
60% Design	1	8	16	24	40			89	\$9,673.79
Conduct Field Investigation with OWNER (see above)									
90% Design	1	8	16	24	40	4		93	\$9,832.34
TOTAL - HOURS:	6	48	72	88	168	12	6	399	\$43,197.70
HOURLY RATES - 2016	\$171.70	\$133.32	\$151.60	\$104.03	\$87.67	\$64.64	\$56.56		
TOTAL FEE	\$958.50	\$6,399.36	\$10,900.00	\$9,154.84	\$14,762.16	\$775.68	\$339.36		\$43,197.70
OTHER DIRECT COSTS									\$150.00
TOTAL FEE (rounded)									\$43,350.00

OTHER DIRECT COSTS						
				Roundtrip Miles	# of Trips	Cost/mile
Miscellaneous						\$0.640
TOTAL DIRECT COSTS:						\$150.00

Attachment 1

Goshen Avenue
City of Ft. Wayne
Traffic Signal Design (2 Intersections)
Fee Justification

May 24, 2016

DLZ Indiana, LLC

Tasks								TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. IV	ENGR. II	ENGR. I	CADD Tech	Clerical		
Traffic Counts Peak hour AM & PM - 3 Intersections			12		20			32	\$3,575.40
Coordination with Utility and Site Reconnaissance			8					8	\$1,212.00
Preliminary Plans	2		12	8		16		38	\$4,027.88
Final Plans	2		12	8		8		30	\$3,510.76
Ornamental Signal Pole Foundation Design		16				8		24	\$2,650.24
Quantities and Cost Estimate (one for each submittal)			4	12				16	\$1,854.36
Special Provisions			4					4	\$606.00
QM/QC	4							4	\$606.80
TOTAL - HOURS:	8	16	52	28	20	32		158	\$18,123.44
HOURLY RATES - 2016	\$171.70	\$133.32	\$161.50	\$104.03	\$87.87	\$64.64	\$56.56		
TOTAL FEE	\$1,373.60	\$2,133.12	\$7,878.00	\$2,912.84	\$1,757.40	\$2,068.48			\$18,123.44
OTHER DIRECT COSTS									\$108.00
TOTAL FEE (rounded)									\$18,240.00

OTHER DIRECT COSTS				
Mileage			Roundtrip Miles	# of Trips
Misc. Copying, printing, displays			200	1
				Cost/mile
				\$0.540
TOTAL DIRECT COSTS:				\$108.00

Attachment 1

Goshen Avenue
City of Ft. Wayne
Continuous Roadway Lighting Design including one Roundabout
Fee Justification

May 24, 2016

DLZ Indiana, LLC

Tasks								TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. IV	ENGR. II	ENGR. I	CADD Tech	Clerical		
Coordination with Utility and Site Reconnaissance			8					8	\$1,212.00
Preliminary Plans	2		32			12		46	\$5,967.08
Final Plans	2		16			12		30	\$3,543.00
Voltage Drop Calculations			12					12	\$1,910.00
Ornamental Light Pole Fdn Design		16				8		24	\$2,650.24
Quantities and Cost Estimate (one for each submittal)			16					16	\$2,424.00
Special Provisions									
QM/QC	4							4	\$686.80
TOTAL - HOURS:	8	16	64			32		140	\$18,301.20
HOURLY RATES - 2016	\$171.70	\$133.32	\$151.50	\$104.03	\$87.87	\$64.64	\$68.56		
TOTAL FEE	\$1,373.60	\$2,133.12	\$12,726.00			\$2,068.48			\$18,301.20
OTHER DIRECT COSTS									\$108.00
TOTAL FEE (rounded)									\$18,410.00

OTHER DIRECT COSTS				
Mileage			Roundtrip Miles	# of Trips
Misc. Copying, printing, displays			200	1
				Cost/Mile
				\$0.540
TOTAL DIRECT COSTS:				\$108.00

Attachment 1

Goshen Avenue
City of Ft. Wayne
Utility Coordination
Fee Justification

May 24, 2016

DLZ Indiana, LLC

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL	TOTAL
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL	HOURS /TASK	DOLLARS /TASK
GOSHEN AVENUE MOT									
Prel. Design (30%) to Utilities		2	2	4		4		12	\$1,169.56
Present at City Utility meeting		2	2				4	8	\$721.14
Revise Plans per Utility Comments			2	6		8		16	\$1,369.56
Prel. Design (60%) to Utilities			2	4		6		12	\$1,032.22
Present at City Utility meeting		2	2				4	8	\$721.14
Revise Plans per Utility Comments			2	6		8		16	\$1,369.56
Prel. Plans (90%) to Utilities			2	4		6		12	\$1,032.22
Present at City Utility meeting		2	2				4	8	\$721.14
Revise Plans per Utility Comments			2	6		8		16	\$1,369.56
Final Plans (100%)		2	2	4		6		14	\$1,298.86
QM/QC	1	2						3	\$438.34
SUBTOTAL	1	12	20	34	0	46	12	125	\$11,250.00
TOTAL HOURS:	1	12	20	34	0	46	12	125	
RATES	\$171.70	\$133.32	\$114.13	\$104.03	\$87.87	\$64.64	\$66.58		

Attachment 1

Goshen Avenue
City of Ft. Wayne
Duct Bank Design
Fee Justification

May 24, 2016

DLZ Indiana, LLC

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
PRELIMINARY PLANS (30%)									
Preliminary Geometrics			1	2	2	4		9	\$756.49
Prel. Proposed Plan Sheets			1	2	2	4		9	\$756.49
QM/QC	1	2						3	\$438.34
SUBTOTAL	1	2	2	4	4	0	0	21	\$1,951.32
PRELIMINARY PLANS (60%)									
Revise Plans per OWNER Review Comments		1	1	2	2	2		8	\$760.53
Prel. Detail Sheets			1	2	2	2		7	\$627.21
Prel. Tables			1	2	2	2		7	\$627.21
QM/QC	1	2						3	\$438.34
SUBTOTAL	1	3	3	6	6	6	0	25	\$2,453.20
PRELIMINARY PLANS (90%)									
Revise Plans per OWNER Review Comments		1	1	2	2	2		8	\$780.53
Finalize Index & Reference Sheet			1			2		3	\$243.41
Finalize Proposed Plan Sheets			1	2	2	2		7	\$627.21
Finalize Cross Sections			1	2	2	2		7	\$627.21
Finalize Detail Sheets			1	1	2	2		6	\$523.18
Finalize Tables			1	1	2	2		6	\$523.18
QM/QC	1	2						3	\$438.34
SUBTOTAL	1	3	6	8	10	12	0	40	\$3,743.06
FINAL PLANS (100%)									
Revise Plans per OWNER Review Comments		1	1	1	2	2		7	\$656.50
QM/QC	1	2						3	\$438.34
SUBTOTAL	1	3	1	1	2	2	0	10	\$1,094.84
TOTAL-HOURS:	4	11	12	19	22	28	0	96	\$9,250.00
RATES	\$171.70	\$133.32	\$114.13	\$104.03	\$87.87	\$84.64	\$66.56		

Attachment 1

Goshen Avenue
City of Ft. Wayne
Public Meetings - Presentation Materials
Fee Justification

May 24, 2016

DLZ Indiana, LLC

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
ATTENDANCE AT TWO PUBLIC MEETINGS									
Attendance at Meetings (RAB)			12				2	14	\$1,482.68
Attendance at Meetings (Trans)		3					2	5	\$513.68
Attendance at Meetings (Green)			12				2	14	\$1,482.68
Attendance at Meetings (Lighting)			12				2	14	\$1,482.68
Attendance at Meetings (LA)			12				2	14	\$1,482.68
SUBTOTAL	0	3	48	0	0	0	10	61	\$6,443.60
PREPARE CONCEPTUAL RENDERINGS (NON ROUNDABOUT)									
Conceptual Renderings			120					120	\$13,695.60
SUBTOTAL	0	0	120	0	0	0	0	120	\$13,695.60
PREPARE RENDERINGS/SIMULATIONS OF ROUNDABOUT									
Prepare Powerpoint and Exhibits (RAB)	4	2	8		20			34	\$3,623.08
Revise Materials Based on Client Comments (RAB)	4	2	6		10			22	\$2,516.92
SUBTOTAL	8	4	14	0	30	0	0	56	\$6,140.00
TOTAL HOURS:	8	7	182	0	30	0	10	237	\$25,290.00
RATES	\$171.70	\$133.32	\$114.13	\$104.03	\$97.87	\$64.64	\$68.56		

Attachment 1

Goshen Avenue
City of Ft. Wayne
ROW Engineering
Fee Justification

May 24, 2016

DLZ Indiana, LLC

DESCRIPTION	Lump Sum Estimates	#	TOTAL DOLLARS /TASK
	Lump Sum/Each		
PRELIMINARY PLANS (10%)			
Legal Description Development	\$350.00	12	\$4,200.00
Parcel Plat Development	\$1,200.00	12	\$14,400.00
Right of Way Staking (one time only)	\$2,900.00	1	\$2,900.00
Appraisal Problem Analysis	\$240.00	12	\$2,880.00
SUBTOTAL			\$24,380.00

Attachment 1

Goshen Avenue
City of Ft. Wayne
Maintenance of Traffic Design
Fee Justification

May 24, 2016

DLZ Indiana, LLC

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
GOSHEN AVENUE MOT									
Prel. Design (30%)		1	1	2	2	12		18	\$1,406.93
Revise Plans per OWNER Review Comments			1		2			3	\$289.87
Prel. Design (60%)			1	2	2	8		13	\$1,015.05
Revise Plans per OWNER Review Comments			1		2			3	\$289.87
Prel. Plans (90%)			1	2	2	8		13	\$1,015.05
Revise Plans per OWNER Review Comments			1		2			3	\$289.87
Final Plans (100%)		1	1	2	2	4		10	\$889.81
QM/QC	1	2						3	\$438.34
SUBTOTAL	1	4	7	8	14	32	0	66	\$5,634.79
SHERMAN MOT									
Prel. Design (30%)		1	1	2	2	12		18	\$1,406.93
Revise Plans per OWNER Review Comments			1		2			3	\$289.87
Prel. Design (60%)			1	2	2	8		13	\$1,015.05
Revise Plans per OWNER Review Comments			1		2			3	\$289.87
Prel. Plans (90%)			1	2	2	8		11	\$885.77
Revise Plans per OWNER Review Comments			1		2			3	\$289.87
Final Plans (100%)		1	1	2	2	4		10	\$889.81
QM/QC	1	1						2	\$305.02
SUBTOTAL	1	3	7	8	14	30	0	63	\$5,372.19
ROUNDAABOUT MOT									
Prel. Design (30%)		1	1	2	2	12		18	\$1,406.93
Revise Plans per OWNER Review Comments		1	1	2	2			6	\$631.25
Prel. Design (60%)		1	1	2	2	8		14	\$1,140.37
Revise Plans per OWNER Review Comments		1	1	2	2			6	\$631.25
Prel. Plans (90%)		1	1	2	2	6		12	\$1,019.09
Revise Plans per OWNER Review Comments		1	1	2	2			6	\$631.25
Final Plans (100%)		1	1	2	2	4		10	\$889.81
QM/QC	2	8						10	\$1,409.96
SUBTOTAL	2	15	7	14	14	30	0	82	\$7,767.91
TOTAL-HOURS:	4	22	21	30	42	92	0	211	\$18,780.00
RATES	\$171.70	\$133.32	\$114.13	\$104.03	\$87.67	\$64.04	\$56.56		

Attachment 1

Goshen Avenue
City of Ft. Wayne
Permitting
Fee Justification

May 24, 2016

DLZ Indiana, LLC

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
UTILITY PERMIT									
Exhibits, Calculations, and Impacts		1	6	12	6	16	6	47	\$3,967.20
Complete Application			1	4			1	6	\$586.81
Coordinate with IDEM		1	1				1	3	\$304.01
Submit Application			1				1	2	\$170.69
QM/QC	1	2						3	\$438.34
SUBTOTAL	1	4	8	16	6	16	9	61	\$5,467.13
RULES PERMIT									
Develop Stormwater Pollution Prevention Plan (SWPPP)		1	6	12	6	16	6	47	\$3,967.28
Develop NOI			1	4			1	6	\$586.81
Submit SWPPP			1				1	2	\$170.69
Coordinate with IDEM		1	1				1	3	\$304.01
Submit NOI			1				1	2	\$170.69
QM/QC	1	2						3	\$438.34
SUBTOTAL	1	4	10	16	6	16	10	63	\$5,637.82
TOTAL HOURS:	1	4	10	16	6	16	10	63	\$11,110.00
RATES	\$171.70	\$133.32	\$114.13	\$104.03	\$87.87	\$64.81	\$56.56		

Attachment 1

Goshon Avenue
City of Ft. Wayne
"Other" Contract Documents
Fee Justification

May 24, 2016

DLZ Indiana, LLC

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. NO.	PROJ. NO.	EXOR. 1	EXOR. 2	EXOR. 3	CADD TECH	CLERICAL		
PREPARATION OF SPECIFICATIONS									
Preliminary Specifications (RAD) - 30%			1	3				0	\$0.00
Update Specifications (RAD) - 60%		1	1	2			2	6	\$552.24
Update Specifications (RAD) - 100%	1	1	1	1			2	5	\$552.24
Preliminary Specifications (Trans) - 30%			1	3				0	\$0.00
Update Specifications (Trans) - 60%		1	1	2			2	6	\$552.24
Update Specifications (Trans) - 100%	1	1	1	1			1	5	\$552.24
Preliminary Specifications (Roses) - 30%			1	3				0	\$0.00
Update Specifications (Roses) - 60%		1	1	2			2	6	\$552.24
Update Specifications (Roses) - 100%	1	1	1	1			1	5	\$552.24
Preliminary Specifications (LAJ) - 30%			1	3				0	\$0.00
Update Specifications (LAJ) - 60%		1	1	2			2	6	\$552.24
Update Specifications (LAJ) - 100%	1	1	1	1			1	5	\$552.24
Preliminary Specifications (Lp) - 30%			1	3				0	\$0.00
Update Specifications (Lp) - 60%		1	1	2			2	6	\$552.24
Update Specifications (Lp) - 100%	1	1	1	1			1	5	\$552.24
QUICK	1	4						5	\$774.86
SUBTOTAL	8	14	15	28	0	0	16	43	\$18,173.45
PREPARATION OF QUANTITY TAKEOFFS									
Preliminary Special Provisions (RAD) - 30%			1	3				0	\$0.00
Update Special Provisions (RAD) - 60%		1	1	2			2	6	\$552.24
Update Special Provisions (RAD) - 100%	1	1	1	1			1	5	\$552.24
Preliminary Special Provisions (Trans) - 30%			1	3				0	\$0.00
Update Special Provisions (Trans) - 60%		1	1	2			2	6	\$552.24
Update Special Provisions (Trans) - 100%	1	1	1	1			1	5	\$552.24
Preliminary Special Provisions (Roses) - 30%			1	3				0	\$0.00
Update Special Provisions (Roses) - 60%		1	1	2			2	6	\$552.24
Update Special Provisions (Roses) - 100%	1	1	1	1			1	5	\$552.24
Preliminary Special Provisions (LAJ) - 30%			1	3				0	\$0.00
Update Special Provisions (LAJ) - 60%		1	1	2			2	6	\$552.24
Update Special Provisions (LAJ) - 100%	1	1	1	1			1	5	\$552.24
Preliminary Special Provisions (Lp) - 30%			1	3				0	\$0.00
Update Special Provisions (Lp) - 60%		1	1	2			2	6	\$552.24
Update Special Provisions (Lp) - 100%	1	1	1	1			1	5	\$552.24
QUICK	1	2	15	28	0	0	15	33	\$10,923.25
SUBTOTAL	8	12	15	28	0	0	15	33	\$10,923.25
PREPARATION OF ABSTRACT CONSTRUCTION COST ESTIMATE									
Unit Item Construction Cost Estimate (RAD) - 60%		1	1	2				3	\$552.24
Update Unit Item Construction Cost Estimate (RAD) - 100%	1	1	1	1				3	\$552.24
Unit Item Construction Cost Estimate (Trans) - 60%		1	1	2				3	\$552.24
Update Unit Item Construction Cost Estimate (Trans) - 100%	1	1	1	1				3	\$552.24
Unit Item Construction Cost Estimate (Roses) - 60%		1	1	2				3	\$552.24
Update Unit Item Construction Cost Estimate (Roses) - 100%	1	1	1	1				3	\$552.24
Unit Item Construction Cost Estimate (LAJ) - 60%		1	1	2				3	\$552.24
Update Unit Item Construction Cost Estimate (LAJ) - 100%	1	1	1	1				3	\$552.24
Unit Item Construction Cost Estimate (Lp) - 60%		1	1	2				3	\$552.24
Update Unit Item Construction Cost Estimate (Lp) - 100%	1	1	1	1				3	\$552.24
QUICK	1	4						6	\$774.86
SUBTOTAL	1	4						6	\$774.86
TOTAL HOURS	24	29	70	60	0	0	0	103	\$18,173.45
RATES	\$117.25	\$133.31	\$114.11	\$104.01	\$0.00	\$0.00	\$0.00	\$175.52	\$18,173.45

Attachment 1

Goshen Avenue
City of Ft. Wayne
Bidding Services
Fee Justification

May 24, 2016

DLZ Indiana, LLC

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
ATTEND PRE-BID MEETING									
Roundabout			6					6	\$684.78
Transportation		2						2	\$266.64
Green			6					6	\$684.78
LA			6					6	\$684.78
Lighting			6					6	\$684.78
SUBTOTAL	0	2	24	0	0	0	0	20	\$3,010.00
RESPOND TO QUESTIONS FROM BIDDERS									
Roundabout			2	4			1	7	\$700.94
Transportation			2	4			1	7	\$700.94
Green			2	4			1	7	\$700.94
LA			2	4			1	7	\$700.94
Lighting			2	4			1	7	\$700.94
QM/QC	1	2						3	\$438.34
SUBTOTAL	1	2	10	20	0	0	5	38	\$3,950.00
PREPARE ADDENDA AS NEEDED									
Roundabout			1	2			1	4	\$378.75
Transportation			1	2			1	4	\$378.75
Green			1	2			1	4	\$378.75
LA			1	2			1	4	\$378.75
Lighting			1	2			1	4	\$378.75
QM/QC	1	1						2	\$305.02
SUBTOTAL	1	1	5	10	0	0	5	22	\$2,200.00
REVIEW AND TABULATE BIDS									
Transportation			1	2			1	4	\$378.75
QM/QC	1	1						2	\$305.02
SUBTOTAL	1	1	1	2	0	0	1	6	\$690.00
RATES	\$171.70	\$133.32	\$114.13	\$104.03	\$87.87	\$64.64	\$66.66		

Attachment 1

Goshen Avenue
City of Ft. Wayne
Construction Services
Fee Justification

May 24, 2016

DLZ Indiana, LLC

DESCRIPTION	MANHOURS BY CLASSIFICATION							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DEPT. MGR.	PROJ. MGR.	ENGR. III	ENGR. II	ENGR. I	CADD TECH	CLERICAL		
ATTEND PRE CONSTRUCTION CONFERENCE									
Roundabout (tele)			2					2	\$228.26
Transportation		4	4					8	\$989.80
Green (tele)			2					2	\$228.26
Landscape Architecture (tele)			2					2	\$228.26
Lighting (tele)			2					2	\$228.26
SUBTOTAL	0	4	12	0	0	0	0	10	\$1,010.00
PROVIDE DESIGN CLARIFICATIONS AS NEEDED									
Roundabout	2		20					22	\$2,626.00
Transportation	2		20					22	\$2,626.00
Green	2		20					22	\$2,626.00
Landscape Architecture	2		20					22	\$2,626.00
Lighting	2		20					22	\$2,626.00
SUBTOTAL	10	0	100	0	0	0	0	110	\$13,130.00
TOTAL HOURS:	10	4	112	0	0	0	0	126	
RATES	\$171.70	\$133.32	\$114.13	\$104.03	\$87.87	\$64.64	\$56.56		

Attachment 2

	Hourly Rates		
	CFW Approved 2016	2017	AVG 16-17
Div. Mgr.	\$190.00	\$193.80	\$191.90
Dept. Mgr.	\$170.00	\$173.40	\$171.70
Topo Crew	\$155.00	\$158.10	\$156.55
Engr. IV	\$150.00	\$153.00	\$151.50
Proj. Mgr.	\$132.00	\$134.64	\$133.32
LS	\$127.00	\$129.54	\$128.27
Party Chief	\$127.00	\$129.54	\$128.27
Planner III	\$113.00	\$115.26	\$114.13
Engr. III	\$113.00	\$115.26	\$114.13
Enviro. Sci. III	\$113.00	\$115.26	\$114.13
LA III	\$113.00	\$115.26	\$114.13
Engr. II	\$103.00	\$105.06	\$104.03
Enviro. Sci. II	\$103.00	\$105.06	\$104.03
LA II	\$103.00	\$105.06	\$104.03
Construction Observer Mgr.	\$93.00	\$94.86	\$93.93
Engr. I	\$87.00	\$88.74	\$87.87
Enviro. Sci. I	\$87.00	\$88.74	\$87.87
LA I	\$87.00	\$88.74	\$87.87
Des. I	\$87.00	\$88.74	\$87.87
Construction Observer	\$69.00	\$70.38	\$69.69
CADD Tech	\$64.00	\$65.28	\$64.64
Clerical	\$56.00	\$57.12	\$56.56

Inflation rate 2%

Attachment 2

**DLZ INDIANA, LLC
STANDARD FEE STRUCTURE FOR
CFW HOURLY RATES
2016**

<i>Activity Code</i>	<i>Employee Classification</i>	<i>2016 Hourly Rate</i>
49	Division Manager	\$190.00
50	Department Manager	\$170.00
80	Senior Project Manager / Engineer VI	\$150.00
55	Registered Land Surveyor	\$127.00
21	Project Manager	\$132.00
53/58	Engineer III/Architect III/Landscape Architect III/ Planner III/Scientist III/Geologist III	\$113.00
52/57	Engineer II/Architect II/Landscape Architect II/ Planner II/Designer III/Scientist II/Geologist II	\$103.00
51/56	Engineer I/Architect I/Landscape Architect I/ Planner I/ Designer II/Scientist I/Geologist I	\$87.00
126	Construction Observer Manager	\$93.00
152	Construction Observer	\$69.00
28	Designer I	\$75.00
29	Technician	\$64.00
43	Clerical	\$56.00

	<i>Crew Classification</i>	<i>2016 Hourly Rate</i>
143/99/99	3 – person Survey Crew	\$155.00
142/99	Topographic Survey Crew	\$138.00

Rates are subject to revision on January 1, 2017.

Cost of living/inflation increases of 3 to 7% per annum can be anticipated.

01 | Key Personnel

City of Fort Wayne

Shan R. Gunawardena, PE, PTOE

Quality Manager
Gary K. Fisk, PE

Project Manager
John Nelson, PE*

Principal In Charge
Miguel A. Trevino, PE, CPE

Roadway Design

Sarah Farlow, PE*
Phillip LaBrash, PE*
Ryan Carrington, PE, LEED AP
Mathieu Doyle, PE, LEED AP

Roundabout Analysis and Design

Wes Butch*
Jason Whitten

Pavement Markings and Signaling

John Nelson, PE*
Sarah Farlow, PE*
Phillip LaBrash, PE*
Dylan Mann, EIT

Traffic Signal Design

Haseeb A. Ghuman, PE, PTOE*
Jeffrey R. Swenson, PE, PTOE, IMSA III

Maintenance of Traffic

GAI Consultants, Inc
Michael Siffer, PE, PTOE*
Mark Young, PE

Street Lighting

Haseeb A. Ghuman, PE, PTOE*
Jeffrey R. Swenson, PE, PTOE, IMSA III

Landscape Architecture

Craig G. Hudson, PLA, ASLA*
Sara Hicks, PLA, LEED AP
Jeffrey Hirsch, PLA, LEED AP

Green Infrastructure and Sustainability

Commonwealth Engineers, Inc.
Roger M. Kottowski, PE*
Brian Desharnais, PhD, PE
Andrew J. Bearman
Andrew Robarge

Drainage Design

Jonathan E. LaTurner, PE*
John Nelson, PE*
Phillip LaBrash, PE*
Frank D. Stewart, PE

Ductbank Design

Casey M. Erwin, PE*
Greg Lorig, PE

Storm Water Management

Commonwealth Engineers, Inc.
Roger M. Kottowski, PE*
Brian Desharnais, PhD, PE*
Andrew J. Bearman
Andrew Robarge

Small Structure Design

Michael Kummeth, PE*
Michael Vereb, PE
Pedro Trana, PE

Right of Way Engineering

GAI Consultants, Inc.
David G. Croft, PLS*
Dave Mendenhall, PS
Mark Young, PE

Utility Coordination

John Nelson, PE*
Todd C. Thurber

Permitting

John Nelson, PE*
Phillip LaBrash, PE*

Topographic Survey

VS Engineering, Inc.
Matt Healy, PS, EI*
Vincent J. Barr, PS

Geotechnical Investigation

GME Testing
Rami Anabtawi, PE*

Key Personnel Percent of Utilization (' Up to 100%, As Needed)



John Nelson, PE*



Wes Butch



David G. Croft, PLS (GAI)



Sarah Farlow, PE*



Casey Erwin, PE



Roger M. Kottowski, PE (Commonwealth)



Phillip LaBrash, PE *



Haseeb A. Ghuman, PE, PTOE



Brian Desharnais, PhD, PE (Commonwealth)



Miguel Trevino, PE, CPE



Jonathan E. LaTurner, PE



Matt Healy, PS, EI (VS)



Gary K. Fisk, PE



Craig G. Hudson, ASLA



Rami Anabtawi, PE (GME Testing)



Michael Siffer, PE, PTOE (GAI)

DIGEST SHEET

Department: Transportation Engineering

Resolution Number: N/A (W/O# 0034A)

Title of Ordinance: Goshen Avenue Reconstruction – Phase I – between State Blvd and Cambridge Blvd – (LPA Consultants Agreement – DLZ Indiana LLC.)

Awarded To: DLZ Indiana LLC.

Amount of Contract: Agreement fee of \$497,960.00 which sets the original contract amount of which 100% is locally funded.

Number of Bidders: 5 Proposals, 3 Selected for CSP proposals

Description of Project (Be Specific):

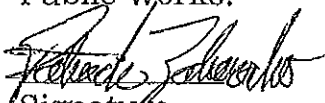
Contract is between the City of Fort Wayne and DLZ Indiana LLC for Design Engineering including roundabout analysis, roundabout design, roadway design, drainage design, landscape architecture, green infrastructure, traffic signals, markings, street lighting, utility coordination, public participation, maintenance of traffic, permitting, contract documents, bidding, and construction assistance. Project includes a \$30,000 work allowance.

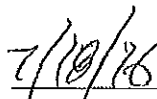
What Are The Implications If Not Approved:

If the project improvements do not occur, the roadway will continue to deteriorate, complaints will increase and public safety will decrease. This project has been in the long range transportation plan for many years and we have received requests for improvements from area residents, commuters and businesses. If this contract is not approved, existing and future traffic conditions will continue to deteriorate.

If Prior Approval Is Being Requested, Justify: N/A

Additional Comments: DLZ was selected using the City's competitive sealed proposal selection process to perform the design engineering on this project. The request for proposals was sent to all interested consultants and we received five proposals. These proposals were reviewed and scored by city guidelines and DLZ was selected as the most responsive firm. They have been involved with many design projects for the City, County and surrounding communities who have been pleased with their services. The contract, including the set rates for each service have been reviewed and approved by Public Works.


Signature


Date