

**Summary  
Fee Justification**

**Consultant: DLZ Indiana, LLC**  
February 11, 2022

A.	Roadway Configuration Study	\$11,300.00
B.	Aesthetic Study	\$22,870.00
C.	Project Management	\$32,500.00
D.	Topographic Survey	\$43,900.00
E.	LCRSP	\$7,500.00
F.	NEPA	\$30,100.00
G.	Waters of US Report	\$6,700.00
H.	Wetland Delineation, As Required	\$4,900.00
I.	Geotechnical Services	\$20,100.00
J.	Roadway Design and Plan Development	\$238,700.00
	Traffic Signal Design and Plan Development	\$29,100.00
K.	Planting Design	\$17,300.00
L.	Pedestrian Lighting Design	\$22,600.00
M.	Custom Signing	\$8,500.00
N.	Pavement Design	\$9,500.00
O.	IDEM Rule 5 Erosion Control Permit	\$5,500.00
P.	USACE Section 404 Permit	\$12,200.00
Q.	IDEM Section 401 Permit	\$12,500.00
R.	IDNR CiaF Permit, As Required	\$4,000.00
S.	Lake County Drainage Board Application, As Required	\$2,500.00
T.	Utility Coordination	\$21,700.00
U.	Public Hearing, As Required	\$17,200.00
	<b>Subtotal, Design Phase Items</b>	<b>\$581,170.00</b>
V.	Right of Way Services	\$135,670.00
W.	Bid, PreCon, Utility Coord, Const Phase Services	\$35,000.00
<b>Grand Total</b>		<b>\$751,840.00</b>

Town of Munster, Main Street, Phase 1 - Columbia/Sheffield Ave. to Hart Ditch  
Alignment Analysis  
Fee Justification

Consultant: DLZ Indiana, LLC  
February 11, 2022

DESCRIPTION	NO. OF SHEETS	TASK HOURS BY CLASSIFICATION								TOTAL		
		Div Mgr	Proj Mgr III	Proj Mgr I	CE III	CE II	CE I	LA1	DES III	HOURS		
Site Visit				8.00	4.00		4.00		8.00	24.00		
Establish Grade Controls/Design Criteria				2.00	4.00					6.00		
Level One Design Criteria Checklist - 2				2.00	4.00					6.00		
Alignment Layout (3 alignments)				2.00	8.00		6.00			16.00		
Alignment Exhibit - Roll Plot				1.00	1.00				7.00	9.00		
Alignment Analysis Summary				2.00	4.00					6.00		
Alignment Analysis Meeting				6.00	8.00				4.00	18.00		
Alignment Analysis Total	0	0.00	0.00	23.00	33.00	0.00	10.00		19.00			
ALIGNMENT ANALYSIS											85.00	
TOTAL - HOURS:												85.00
SALARY PER HOUR (2022)		\$211.82	\$179.53	\$155.05	\$130.83	\$117.82	\$95.70	\$91.43	\$ 112.29			
TOTAL DIRECT SALARY COSTS:		\$0.00	\$0.00	\$3,566.15	\$4,317.39	\$0.00	\$957.00	\$0.00	\$2,133.51		\$10,974.05	
Direct Expenses	Description							Cost/Miles	Admin %			
											\$0.00	
											\$0.00	
											\$0.00	
											\$0.00	
	Meals										\$300.00	
	Mileage							6	\$0.56		\$3.36	
TOTAL DIRECT NON-SALARY COST:											\$303.36	
Total Fee												\$11,277.41
Total Fee (Rounded)											\$11,300.00	

**Consultant: DLZ Indiana, LLC**  
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[illegible]

**FEE JUSTIFICATION FOR TOPOGRAPHIC SURVEY**

**Main Street - Phase 1 (Columbia to Hart Ditch)**

**DLZ Indiana, LLC (2021 Rates)**

										<b>\$43,900</b>
DESCRIPTION	HOURS BY CLASSIFICATION									TOTALS:
	Div. Man.	PM I	Reg. LS	Party Chief	Survey Technician	Designer II	Surveyor I	GIS Tech	Clerical	Budget
<b>Research Activities:</b>										
- GIS Data Harvest								4.0		\$366.68
- Utility Plans, Contact Information and Field Meetings							5.0			\$634.10
- Section Corner Information							2.0			\$253.64
- Deeds and Property Owner Names & Addresses							7.0			\$887.74
- Other Recorded Documents							4.0			\$507.28
- Send letters to property owners								2.0		\$183.34
- Field Reconnaissance			2.0							\$253.66
- Document Review			2.0							\$253.66
										\$0.00
<b>Field Activities:</b>										
<b>Search / Excavate / Locate</b>										
- Section Corners (including References)			1.0	6.0		2.0				\$1,099.61
- Bench Marks & Survey Control Points										\$0.00
- Title/Property Evidence			1.0	12.0						\$1,659.11
<b>Horizontal Control and Field Activity Notes:</b>										
- GPS Surveying			1.0	6.0						\$892.97
- On-Site Travers										\$0.00
<b>Vertical Control and Field Activity Notes:</b>										
- Off-site			1.0	6.0	6.0					\$1,450.19
- On-site										\$0.00
<b>Witnesses:</b>										
- Control Points			1.0	2.0		6.0				\$1,002.13
<b>Staking:</b>										
- Soil Borings										\$0.00
- Right of Way										\$0.00
- Boundary										\$0.00
- Miscellaneous										\$0.00
<b>Topographic Survey:</b>										
- Mainline(s)				76.0						\$9,704.44
- S-Line(s)				16.0						\$2,043.04
- T-Line(s)										\$0.00
- Site Design Topo										\$0.00
- Detailed Sketches										\$0.00
- Sanitary and Storm Sewer Investigation				24.0	24.0		24.0			\$8,337.12
<b>Other Field Related Work:</b>										
- Wetland/OHWM Flags				8.0			2.0			\$1,275.16
- Field Check				4.0						\$510.76
- Stream Sections										\$0.00
- Bridge Detail										\$0.00
<b>Office Activities</b>										
Project Administration	4.0									\$847.28
Project Coordination	4.0									\$847.28
Lidar/UAS aerotriangulation/Registration/extraction										\$0.00
Digitizing Planimetrics										\$0.00
Field Book Preparation			2.0				6.0			\$1,014.58
Utility Mapping							12.0			\$1,521.84
Topography Mapping							32.0			\$4,058.24
Boundary/Right of Way Resolution			16.0							\$2,029.28
Report Preparation										\$0.00
Plat Preparation										\$0.00
Review	4.0									\$847.28
Revisions			0.0							\$0.00
<b>TOTAL - Hours:</b>	<b>12.0</b>	<b>0.0</b>	<b>27.0</b>	<b>160.0</b>	<b>30.0</b>	<b>8.0</b>	<b>94.0</b>	<b>6.0</b>	<b>0.0</b>	<b>337.00</b>
SALARY PER HOUR	\$211.82	\$155.05	\$126.83	\$127.69	\$92.87	\$103.32	\$126.82	\$91.67	\$73.41	
<b>DIRECT SALARY COSTS:</b>	<b>\$2,541.84</b>	<b>\$0.00</b>	<b>\$3,424.41</b>	<b>\$20,430.40</b>	<b>\$2,786.10</b>	<b>\$826.56</b>	<b>\$11,921.08</b>	<b>\$550.02</b>	<b>\$0.00</b>	<b>\$42,480.41</b>
<b>TOTAL LABOR BUDGET</b>										<b>\$42,480.41</b>

**OTHER SURVEY DIRECT PROJECT COSTS:**

**EXPENSES**

- VEHICLE -	20.0	\$65.000	/day	\$1,300.00
- LODGING -	0.0	\$100.00	/night	\$0.00
- MEALS -	0.0	\$33.50	days x \$33.50/day	\$0.00
- COPIES (DEEDS, PLATS, RAILROAD PLANS, ETC.) =				\$155.30
- EQUIPMENT RENTAL -				\$0.00
- S.U.E. SUBCONSULTANT -				\$0.00

TOTAL DIRECT COSTS \$1,455.30

**TOTAL FIELD SURVEY BUDGET \$43,935.71**

**TOTAL FIELD SURVEY BUDGET (ROUNDED) \$43,900.00**

**FEE JUSTIFICATION FOR LOCATION CONTROL ROUTE SURVEY**

**Main Street - Phase 1 (Columbia to Hart Ditch)**

DLZ Indiana, LLC (2021 Rates)

	<b>\$7,500</b>								
DESCRIPTION	HOURS BY CLASSIFICATION								
	Div. Man.	PM I	Reg. LS	Party Chief	Survey Technician	Designer II	Surveyor I	GIS Tech	Clerical
<b>Research Activities:</b>									
- GIS Data Harvest									\$0.00
- Utility Plans, Contact Information and Field Meetings									\$0.00
- Section Corner Information									\$0.00
- Deeds and Property Owner Names & Addresses									\$0.00
- Other Recorded Documents									\$0.00
- Send letters to property owners									\$0.00
- Field Reconnaissance									\$0.00
- Document Review									\$0.00
									\$0.00
<b>Field Activities:</b>									
<b>Search / Excavate / Locate</b>									
- Section Corners (including References)									\$0.00
- Bench Marks & Survey Control Points									\$0.00
- Title/Property Evidence									\$0.00
<b>Horizontal Control and Field Activity Notes:</b>									
- GPS Surveying									\$0.00
- On-Site Travers									\$0.00
<b>Vertical Control and Field Activity Notes:</b>									
- Off-site									\$0.00
- On-site									\$0.00
<b>Witnesses:</b>									
- Control Points									\$0.00
<b>Staking:</b>									
- Soil Borings									\$0.00
- Right of Way									\$0.00
- Boundary									\$0.00
- Miscellaneous									\$0.00
									\$0.00
<b>Topographic Survey:</b>									
- Mainline(s)									\$0.00
- S-Line(s)									\$0.00
- T-Line(s)									\$0.00
- Site Design Topo									\$0.00
- Detailed Sketches									\$0.00
- Sanitary and Storm Sewer Investigation									\$0.00
<b>Other Field Related Work:</b>									
- Wetland/OHWM Flags									\$0.00
- Field Check									\$0.00
- Stream Sections									\$0.00
- Bridge Detail									\$0.00
<b>Office Activities</b>									
Project Administration	3.0								\$635.46
Project Coordination	3.0								\$635.46
Lidar/UAS aerotriangulation/Registration/extraction									\$0.00
Digitizing Planimetrics									\$0.00
Field Book Preparation									\$0.00
Utility Mapping									\$0.00
Topography Mapping									\$0.00
Boundary/Right of Way Resolution									\$0.00
Report Preparation			8.0						\$1,014.64
Plat Preparation			8.0			31.0			\$4,217.56
Review	4.0								\$847.28
Revisions			1.0						\$126.83
<b>TOTAL - Hours:</b>	<b>10.0</b>	<b>0.0</b>	<b>17.0</b>	<b>0.0</b>	<b>0.0</b>	<b>31.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
SALARY PER HOUR	\$211.82	\$155.05	\$126.83	\$127.69	\$92.87	\$103.32	\$126.82	\$91.67	\$73.41
<b>DIRECT SALARY COSTS:</b>	<b>\$2,118.20</b>	<b>\$0.00</b>	<b>\$2,156.11</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$3,202.92</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>
<b>TOTAL LABOR BUDGET</b>	<b>\$7,477.23</b>								

**OTHER SURVEY DIRECT PROJECT COSTS:**

**EXPENSES**

- VEHICLE -	0.0	\$65.000	/day	\$0.00
- LODGING -	0.0	\$100.00	/night	\$0.00
- MEALS -	0.0	0	days x \$33.50/day	\$0.00
- COPIES (DEEDS, PLATS, RAILROAD PLANS,ETC.) =				\$0.00
- EQUIPMENT RENTAL -				\$0.00
- RECORDING FEES -				\$20.00

TOTAL DIRECT COSTS

TOTAL FIELD SURVEY BUDGET

TOTAL FIELD SURVEY BUDGET (ROUNDED)

\$20.00  
\$7,497.23  
\$7,500.00

FEE JUSTIFICATION FOR ENVIRONMENTAL SERVICES							
NEPA Documentation Services Munster, Main Street Reconstruction							
DESCRIPTION - LEVEL 2 Categorical Exclusion	MANHOURS BY CLASSIFICATION					HOURS	TOTAL  HOURS
	DEPT MGR	PROJ MGR	ENV SCIENTIST IV	DESIGNER I	CLERICAL		
<b>Environmental Services</b>							
Project Management		8				8	
Data Collection and Field Reconnaissance (1 Staff, 1 Trip)			10			10	
Red Flag Investigation			19	4		23	
Section 106 MPPA Submittal			12			12	
Early Coordination - Assess Comments Received from Agencies			12		1	13	
On-line USFWS IPaC Rangewide Programmatic Consultation			4			4	
Social, Economic, and Environmental Studies			12			12	
Environmental Justice Analysis			10			10	
Draft CE Preparation and Submittal			36	3	2	41	
Draft CE Revisions Per INDOT Comments			10			10	
Complete and Upload Environmental Commitments Database Spreadsheet			4			4	
Final CE Preparation, Submittal and Distribution of Copies			8		1	9	
Quality Maintenance	2	4	8			14	
<b>TOTAL - HOURS:</b>	<b>2</b>	<b>12</b>	<b>145</b>	<b>7</b>	<b>4</b>	<b>170</b>	
SALARY PER HOUR	\$196.43	\$155.05	\$135.37	\$103.57	\$73.41		
<b>SALARY COSTS:</b>	<b>\$392.86</b>	<b>\$1,860.60</b>	<b>\$19,628.65</b>	<b>\$724.99</b>	<b>\$293.64</b>		<b>\$22,900.74</b>
<b>EXPENSES</b>							
Miscellaneous Expenses (equipment, legal notice publication, printing, photography, etc.)							\$100.00
Subconsultant Services - Archeological Survey and Report							\$7,000.00
Mileage (160 miles x \$0.56/mile x 1 trip)							\$89.60
Meals (1 staff x \$45.00)							\$45.00
<b>TOTAL FEE</b>							<b>\$30,135.34</b>
<b>TOTAL FEE (rounded)</b>							<b>\$30,100.00</b>

**Main Street from Columbia/Sheffield Avenue to Hart Ditch  
Town of Munster, Indiana  
Waters Report - Fee Justification**

**Consultant: DLZ Indiana, LLC**

February 11, 2022

	Department Manager	Project Manager	Environmental Scientist IV	Civil Engineer I	Clerical	Total Labor Hours
<b>WATERS OF THE US REPORT</b>						
Gather available secondary source data			4			4
Drive time (1 trip)			3			3
Perform an on-site reconnaissance			4			4
Delineate OHWM for survey pick-up by others			2			2
Prepare Report and QA/QC	1		28	4	2	35
Prepare PJD form			2			2
Total Hours:	1	0	43	4	2	48
Hourly Rate - 2022	\$ 196.43	\$ 155.05	\$135.37	\$ 95.70	\$ 73.41	
Salary Cost	\$196.43	\$0.00	\$5,820.91	\$382.80	\$146.82	\$6,546.96
Expenses						\$154.75
Total Fee Waters of the US Report						\$6,701.71
Total Fee Waters of the US Report Rounded						\$6,700.00

**Base Reimbursable Expenses**

Miscellaneous paper, copying, printing, application fees, advertising fees, photographs, equipment etc.	\$25.00
Mileage to site (1 trip x 150 miles x \$0.565 per mile)	\$84.75
Meals (1 day x \$45 x 1 staff)	\$45.00
Lodging (0 night x \$80 x 1 staff)	\$0.00
<b>Total Expenses</b>	<b>\$154.75</b>



**Main Street from Columbia/Sheffield Avenue to Hart Ditch  
Town of Munster, Indiana  
Waters Report - Fee Justification**

**Consultant: DLZ Indiana, LLC**

February 11, 2022

<b>(IF-REQUIRED) WETLAND DELINEATION SERVICES</b>	<b>Department Manager</b>	<b>Project Manager</b>	<b>Environmental Scientist III</b>	<b>Civil Engineer I</b>	<b>Clerical</b>	<b>Total Labor Hours</b>
Establish observation points			2			2
Delineate Wetlands			8			8
Update Waters of the US Determination Report and QA/QC	1		7		2	10
Review Findings with Client			1			1
Drive time (1 trip)			3			3
Corps of Engineers Verification Meeting			3			3
Total Hours:	1	0	24	0	2	27
Hourly Rate - 2022	\$196.43	\$155.05	\$135.37	\$95.70	\$73.41	
Additional Salary Cost	\$196.43	\$0.00	\$3,248.88	\$0.00	\$146.82	\$3,592.13
Expenses						\$129.75
Fee Wetland Delineation Services						\$3,592.13
Wetland Staking						\$1,300.00
Fee Wetland Delineation Services Rounded						\$4,900.00

**Additional Reimbursable Expenses**

Miscellaneous paper, copying, printing, application fees, advertising fees, photographs, equipment etc.	
Mileage to site (1 trip x 150 miles x \$0.565 per mile)	\$84.75
Meals (1 day x \$45 x 1 staff)	\$45.00
Lodging (0 night x \$80 x 1 staff)	\$0.00
<b>Total Expenses</b>	<b>\$129.75</b>

**Consultant: DLZ Indiana, LLC**  
February 11, 2022

Total Fee	\$20,034.61
<b>Total Fee (Rounded)</b>	<b>\$20,100.00</b>



Finalize Sight Distance, Cross Section Data, Pipe Computations		1.00			2.00	8.00					16.00	27.00
Finalize Cover Sheet					1.00						2.00	3.00
Finalize Typical Sections					1.00	2.00					2.00	5.00
Finalize MOT Plans - Vehicles					2.00	4.00					8.00	14.00
Finalize MOT Plans - Pedestrian					1.00	2.00					4.00	7.00
Finalize Plan & Profile Sheets					2.00	4.00					16.00	22.00
LA-Final Assistance with Geometric Design		1.00	2.00									3.00
Finalize Regulatory Signing and Pavement Marking Sheet						2.00					2.00	4.00
Finalize Cross Sections					2.00	14.00					8.00	24.00
Finalize Detail Sheets					1.00	2.00					4.00	7.00
Update Detail Grading Sheets - Pedestrian Ramps					1.00	18.00					8.00	27.00
Finalize Tables					1.00	4.00		8.00			2.00	15.00
Finalize Erosion Control Plans					1.00	2.00					4.00	7.00
Update Earthwork Computations					1.00	4.00						5.00
Streetscape/Trail Aesthetics Plans		1.00	8.00								20.00	29.00
Streetscape/Trail Aesthetics Details		1.00	8.00								18.00	27.00
Final Planting Plans		1.00	4.00								8.00	13.00
LA-Special Provisions		1.00	8.00									9.00
LA-Update Quantities		1.00	8.00									9.00
Update Quantities							16.00					22.00
Update Preliminary Construction Cost Estimate					2.00	4.00						6.00
Update Preliminary Special Provisions & Contract Documents					18.00	12.00						30.00
Finalize Drainage Design					2.00	6.00		4.00			2.00	14.00
Revise Plans Per Stage 2 Mark-ups					1.00	8.00					16.00	25.00
QA/QC Stage 3 Submittal		13.00			6.00	6.00					12.00	37.00
Submission Package to INDOT/LPA					1.00	12.00					8.00	21.00
Stage 3 Total	0	20.00	38.00	48.00	118.00	16.00	12.00				160.00	
STAGE 3 (95%)												412.00
Finalize Quantity Calculations					1.00	6.00	8.00					15.00
Finalize Cost Estimate					1.00	2.00						3.00
Finalize Plan & Profile Sheets					1.00	12.00					16.00	29.00
Finalize Streetscape/Trail Aesthetic Plans			4.00								12.00	16.00
Finalize Streetscape/Trail Aesthetic Details			4.00								6.00	10.00
Finalize LA Special Provisions			2.00									2.00
Finalize LA Quantities			4.00									4.00
Finalize Special Provisions & Contract Documents					16.00	8.00						24.00
Revise Plans Per Stage 3 Mark-ups					6.00	16.00					32.00	54.00
QA/QC Final Tracing Submittal		8.00			8.00	2.00					16.00	34.00
Submission Package to INDOT/LPA					1.00	12.00					8.00	21.00
Final Tracing Total		8.00	34.00	60.00		8.00	0.00				90.00	
FINAL TRACINGS (100%)												212.00
TOTAL - HOURS:		53.00	62.00	200.00	570.00	104.00	154.00	0.00	743.00			1,906.00
SALARY PER HOUR (2022)		\$211.82	\$179.53	\$155.05	\$130.83	\$117.82	\$95.70	\$91.43	\$	112.29		
TOTAL DIRECT SALARY COSTS:		\$11,226.46	\$11,130.86	\$31,010.00	\$74,573.10	\$12,263.28	\$14,737.80	\$0.00	\$83,431.47			\$238,362.97
Direct Expenses	Description									Cost/Miles	Admin %	
												\$0.00
												\$0.00
												\$0.00
												\$0.00
												\$0.00
	Meals											\$300.00
Mileage									30	50.56		\$16.80
TOTAL DIRECT NON-SALARY COST:												\$316.80
Total Fee												\$238,679.77
Total Fee (Rounded)												\$238,700.00

**Fee Justification**  
**Traffic Signal Design - 2 Signals**  
**Main Street & Columbia Avenue/Sheffield Avenue, Main Street & Calumet Avenue**  
**Munster, Indiana**

10/4/21

DLZ Indiana, LLC

Tasks						TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DIV. MGR.	ENGR. IV	ENGR. I	DESIGNER II	Clerical		
				0			
Preliminary Plans (60%)	1	12	39	40		92	\$10,113.92
Final Design (95%)	1	21	31	32		85	\$10,049.51
Tracings	1	12	8	8		29	\$3,840.98
Quantities and Cost Estimate (one for each submittal)	1	4	16			21	\$2,422.02
Special Provisions	1	2				3	\$551.32
Traffic Signal Timing Analysis		12				12	\$2,037.00
						0	\$0.00
						0	\$0.00
						0	\$0.00
						0	\$0.00
						0	\$0.00
Shop Drawing Review and Responses to Construction Questions	COVER UNDER HOURLY CN PHASE SERVICES						
							\$0.00
<b>TOTAL - HOURS:</b>	<b>5</b>	<b>63</b>	<b>94</b>	<b>80</b>	<b>0</b>	<b>242</b>	<b>\$29,014.75</b>
HOURLY RATES 2022	\$211.82	\$169.75	\$95.70	\$103.32	\$73.41		
<b>TOTAL FEE</b>	<b>\$1,059.10</b>	<b>\$10,694.25</b>	<b>\$8,995.80</b>	<b>\$8,265.60</b>	<b>\$0.00</b>		<b>\$29,014.75</b>
<b>OTHER DIRECT COSTS</b>							<b>\$0.00</b>
<b>TOTAL FEE (rounded)</b>							<b>\$29,100.00</b>

  

OTHER DIRECT COSTS					
		Roundtrip Miles	# of Trips	Cost/mile	
Mileage			1	\$0.540	\$0.00
Misc. Copying, printing, displays					
<b>TOTAL DIRECT COSTS:</b>					<b>\$0.00</b>

**Town of Munster, Main Street, Phase 1 - Columbia/Sheffield Ave. to Hart Ditch**  
**IDNR Construction in a Floodway Permit**  
**Fee Justification**

Consultant: DLZ Indiana, LLC

February 11, 2022

DESCRIPTION	TASK HOURS BY CLASSIFICATION			TOTAL
	Dept. Mngr	Proj Mgr	LA1	HOURS
<b>Landscape Plan - Field Check</b>				
Identify Planting Areas		2	4	6
Coordination of Bioswales with Grading and Drainage Plans		2	4	6
Field Check Plans		4	8	12
Cost Estimate		2	4	6
QC	4			4
<b>SUBTOTAL</b>	4	10	20	34
Subtotal Fee Estimate - LABOR	\$785.72	\$1,550.50	\$1,848.20	\$4,184.42
<b>Landscape Plan - Stage 3</b>				
Final Planting Layout and Species Selection		4	16	20
Coordination of Bioswales with Grading and Drainage Plans		4	4	8
Stage 3 Plans		4	22	26
Special Provisions		8	2	10
Cost Estimate		2	4	6
QC	4			4
<b>SUBTOTAL</b>	4	22	48	74
Subtotal Fee Estimate - LABOR	\$785.72	\$3,411.10	\$4,435.68	\$8,632.50
<b>Landscape Plan - Final Tracings</b>				
Final Plans		4	11	15
Coordination of Bioswales with Grading and Drainage Plans		1	6	7
Special Provisions		4		4
Cost Estimate		1	2	3
QC	4			4
<b>SUBTOTAL</b>	4	10	19	33
<b>labor rate - 2022</b>	\$196.43	\$155.05	\$92.41	
Subtotal Fee Estimate - LABOR	\$785.72	\$1,550.50	\$1,755.79	\$4,092.01
<b>Subtotal Fee Estimate - LABOR</b>	<b>\$2,357.16</b>	<b>\$6,512.10</b>	<b>\$8,039.67</b>	<b>\$16,908.93</b>
<b>Project Expenses (in Scope of Services)</b>				
Mileage (4 trips @96 mi RT x \$0.39/ mile)				\$149.76
Meals				\$50.00
Reproductions				\$200.00
<b>TOTAL LABOR and Expenses - Rounded</b>				<b>\$17,300.00</b>

**Fee Justification  
Pedestrian Facility Lighting Design  
Munster, Indiana**

10/4/21

DLZ Indiana, LLC

Tasks							TOTAL HOURS /TASK	TOTAL DOLLARS /TASK
	DIV. MGR.	ENGR. V	ENGR. IV	ENGR. I	DESIGNER II	Clerical		
					0			
Preliminary Lighting Plans (60%)	1		7	11	8		27	\$3,279.33
Final Design (95%)	1		4	8	14		27	\$3,102.90
Final Tracings	1		4	8	7		20	\$2,379.66
Lighting Level Analysis (Visual)			7	11				
Quantities and Cost Estimate (one for each submittal)	1		7	11			19	\$2,452.77
Voltage Drop Calculations			4	8			12	\$1,444.60
Special Provisions	1		4	4			9	\$1,273.62
Coordination with Utility for Service Points			6	4			10	\$1,401.30
Light pole Foundation Design	1	8			8		17	\$2,465.66
Preparation of Proprietary Materials Request			8	12			20	\$2,506.40
							0	\$0.00
Shop Drawing Review and Responses to Construction Questions								
								\$0.00
<b>TOTAL - HOURS:</b>	<b>6</b>	<b>8</b>	<b>51</b>	<b>77</b>	<b>37</b>	<b>0</b>	<b>179</b>	<b>\$20,306.24</b>
HOURLY RATES 2022	\$211.82	\$178.41	\$169.75	\$95.70	\$103.32	\$73.41		
<b>TOTAL FEE</b>	<b>\$1,270.92</b>	<b>\$1,427.28</b>	<b>\$8,657.25</b>	<b>\$7,368.90</b>	<b>\$3,822.84</b>	<b>\$0.00</b>		<b>\$22,547.19</b>
<b>OTHER DIRECT COSTS</b>								<b>\$0.00</b>
<b>TOTAL FEE (rounded)</b>								<b>\$22,600.00</b>

OTHER DIRECT COSTS							
					Roundtrip Miles	# of Trips	Cost/mile
Mileage						1	\$0.540
Misc. Copying, printing, displays							
<b>TOTAL DIRECT COSTS:</b>							<b>\$0.00</b>

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February 11, 2022

[illegible]





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[illegible]

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February 11, 2022

DESCRIPTION	TASK HOURS BY CLASSIFICATION						TOTAL	
	Div Mgr	Proj Mgr	CE III	CE II	CE I	DES III	HOURS	
Coordinate with USACE		12.00					12.00	
Wetland Mitigation Type Investigation and Negotiation		12.00					12.00	
Prepare 404 Regional General Permit Application	1.00	4.00	12.00			6.00	23.00	
Prepare OHWM Plan Sheets		4.00	6.00			12.00	22.00	
Prepare Permit Exhibits	1.00	2.00	2.00		8.00	6.00	19.00	
							0.00	
							0.00	
							0.00	
							0.00	
							0.00	
							0.00	
							0.00	
							0.00	
							0.00	
							0.00	
							0.00	
							0.00	
							0.00	
							0.00	
							0.00	
<b>TOTAL - HOURS:</b>	<b>2.00</b>	<b>34.00</b>	<b>20.00</b>	<b>0.00</b>	<b>8.00</b>	<b>24.00</b>		<b>88.00</b>
<b>SALARY PER HOUR(2023)</b>	<b>\$218.17</b>	<b>\$159.70</b>	<b>\$134.75</b>	<b>\$121.35</b>	<b>\$98.57</b>	<b>\$115.66</b>		
<b>DIRECT SALARY COSTS:</b>	<b>\$436.35</b>	<b>\$5,429.85</b>	<b>\$2,695.10</b>	<b>\$0.00</b>	<b>\$788.57</b>	<b>\$2,775.81</b>		<b>\$12,125.68</b>
Subconsultants & Expenses	Description					Cost/Miles	Admin %	
								\$0.00
								\$0.00
								\$0.00
								\$0.00
								\$0.00
	Mileage					3	\$0.56	\$1.68
<b>TOTAL DIRECT NON-SALARY COST:</b>								<b>\$1.68</b>
Total Fee								\$12,127.36
Total Fee (Rounded)								\$12,200.00

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[illegible]

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[illegible]

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February 11, 2022

DESCRIPTION	TASK HOURS BY CLASSIFICATION								TOTAL	
	Div Mgr	Proj Mgr III	Proj Mgr I	CE III	CE II	CE I	LA I	DES III	HOURS	
Prepare Exhibits		1.00	2.00	16.00			36.00	50.00	105.00	
Public notification preparation			1.00			4.00			5.00	
Hold In Person Public Information Meeting	2.00	6.00	6.00	6.00					20.00	
Record/transcribe minutes of meetings			4.00			8.00			12.00	
									0.00	
									0.00	
									0.00	
									0.00	
									0.00	
									0.00	
									0.00	
									0.00	
									0.00	
									0.00	
									0.00	
									0.00	
									0.00	
									0.00	
									0.00	
									0.00	
									0.00	
<b>TOTAL - HOURS:</b>	<b>2.00</b>	<b>7.00</b>	<b>13.00</b>	<b>22.00</b>	<b>0.00</b>	<b>12.00</b>	<b>36.00</b>	<b>50.00</b>		<b>142.00</b>
SALARY PER HOUR(2023)	\$218.17	\$184.92	\$159.70	\$134.75	\$121.35	\$98.57	\$94.18	\$115.66		
<b>DIRECT SALARY COSTS:</b>	<b>\$436.35</b>	<b>\$1,294.41</b>	<b>\$2,076.12</b>	<b>\$2,964.61</b>	<b>\$0.00</b>	<b>\$1,182.85</b>	<b>\$3,390.34</b>	<b>\$5,782.94</b>		<b>\$17,127.61</b>
Subconsultants & Expenses	Description							Cost/Miles	Admin %	
										\$0.00
										\$0.00
										\$0.00
										\$0.00
										\$0.00
	Mileage							101	\$0.56	\$56.56
<b>TOTAL DIRECT NON-SALARY COST:</b>										<b>\$56.56</b>
Total Fee										\$17,184.17
<b>Total Fee (Rounded)</b>										<b>\$17,200.00</b>



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February 11, 2022

DESCRIPTION	NO. PARCELS	UNIT COST (2022)	TOTAL COST
Title Research	27	450.00	12,150.00
Title Research Update	27	233.00	6,291.00
R/W Engineering	27	3,050.00	82,350.00
R/W Staking	27	450.00	12,150.00
Early Assessment Right of Way Cost Estimate	27	130.00	3,510.00
Appraisal Problem Analysis	27	255.00	6,885.00
Appraisal	0		0.00
Review Appraisal	0		0.00
Right of Way Management	0		0.00
Preliminary Relocation Services	0		0.00
As Required, including cost-to-cure estimates, rate schedule changes, changes to appraisal type, etc.10%			12,334.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
			0.00
DIRECT SALARY COSTS:			\$135,670.00
Subconsultants & Expenses	Description	Admin %	
	Mileage	\$0.56	
TOTAL DIRECT NON-SALARY COST:			\$0.00
Total Fee			\$135,670.00
Total Fee (Rounded)			\$135,670.00

