

TEMPORARY RESOLUTION NO. 77-18

PERMANENT RESOLUTION NO. 77-18

A RESOLUTION TO AUTHORIZE THE SERVICE SAFETY DIRECTOR TO ENTER INTO AN AGREEMENT WITH A CONSULTANT FOR THE PURPOSES OF THE ETY ROAD SAFETY IMPROVEMENTS PROJECT (PID 108470)

WHEREAS, the above mentioned project is a clear and present need; and

WHEREAS, this portion of work shall consist of environmental studies, environmental clearances, surveying and mapping services, geotechnical studies and reports, right-of-way surveys, right-of-way acquisition services (including appraisals, negotiations, right-of-way appraisals, title reports, closings, etc...), preliminary engineering, final engineering, and other matters involved with plan preparation for construction bids; and

WHEREAS, the following fund accounts shall be utilized:

Stormwater Fuel	\$125,000.00 (2018)
<u>320 Capital Improv Fund</u>	\$110,000.00 (2019)
<u>Engineering (Consultants)</u>	\$ 40,000.00 (2018)

TOTAL \$275,000.00

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF LANCASTER, STATE OF OHIO

SECTION 1. That the Service Safety Director is hereby authorized and directed to enter into an agreement with the selected engineering consultant for the Ety Road Safety Improvement Project.

SECTION 2. That this resolution shall take effect and be in force from and after the earliest period allowed by law.

Passed: 9/24/18 after 1st reading. Vote: Yeas 8 Nays 0

Date Approved: 9/24/18 [Signature]

Clerk: [Signature] [Signature]
President of Council

Offered by: [Signature] [Signature]
Mayor

Second by: [Signature]

Requested by Public Works Committee



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Mr. Mitch Noland, P.E., S.I.
City Engineer
City of Lancaster
121 East Chestnut Street
Lancaster, Ohio 43130

September 24, 2018
1812288.04

**RE: FAI-TR201-1.10; PID No. 108470
Proposal for Engineering and Right-of-Way Services**

Dear Mr. Noland:

GPD Group (GPD) is pleased to submit this revised proposal for engineering and right-of-way services associated with above referenced project. Our proposal includes: project narrative; listing of subconsultants, their fees, and respective services to be provided; a task list of services to be provided; detailed fee spreadsheets summarizing total costs, estimated man-hours and labor costs, and non-labor direct costs; project schedule; subconsultant proposals; and LPA Scope of Services Form.

Included below is a summary of costs for base and "If Authorized" services, if requested by ODOT. Proposed services shall be invoiced on a lump sum basis, except for right-of-way acquisition services by West Erie Realty Solutions that will be invoiced on a unit price basis for actual units completed.

Base Services	Proposed Fee
Survey and Mapping Services	\$ 9,996
Geotechnical Services	\$ 12,988
Engineering Design Services	\$ 170,866
Right-of-Way Plans	\$ 22,214
Right-of-Way Acquisition Services	\$ 43,965
Pre-Bid Questions	\$ 1,818
<u>On-Going Services During Construction</u>	<u>\$ 5,000</u>
Total Base Services	\$266,847

"If Authorized" Services

Phase 1 Environmental Site Assessment (Per Parcel) \$ 3,592

GRAND TOTAL \$270,439

Proposed services shall be invoiced on a lump sum basis, with the exception of right-of-way acquisition services by West Erie Realty Solutions that will be invoiced on a unit price basis in accordance with their proposal for the actual units completed.

We appreciate this opportunity with the City of Lancaster, and look forward to working with you and your staff. Should you have any questions regarding our proposal, please give us a call to discuss.

Sincerely,
GPD Group

Kevin J. Grathwol, P.E.
Director of Public Works

Preliminary Cost Estimate

ITEM	DESCRIPTION	TOTAL QUANTITY	UNIT	ESTIMATED PRICE	TOTAL COST
ROADWAY					
201	CLEARING AND GRUBBING	1	LS	\$5,000	\$5,000
202	PAVEMENT REMOVED, ASPHALT	1,760	SY	\$10	\$17,600
202	CURB REMOVED	225	SF	\$10	\$2,250
202	FENCE REMOVED AND REBUILT	110	FT	\$30	\$3,300
203	EXCAVATION / EMBANKMENT	1,830	CY	\$15	\$24,450
659	SEEDING & MULCHING	2,530	SY	\$3	\$7,590
832	EROSION CONTROL	1	LS	\$7,000	\$7,000
	EROSION CONTROL PLAN	1	LS	\$3,000	\$3,000
ROADWAY SUBTOTAL:					\$70,090
DRAINAGE					
202	PIPE REMOVED, 24" AND UNDER	240	FT	\$20	\$4,800
202	CATCH BASIN REMOVED	5	EACH	\$450	\$2,250
202	HEADWALL REMOVED	1	EACH	\$750	\$750
605	UNDERDRAINS	2,430	FT	\$13	\$31,590
611	18' CONDUIT, TYPE B	630	FT	\$100	\$63,000
603	MANHOLE ADJUSTED TO GRADE	4	EACH	\$650	\$2,600
604	CATCH BASIN, NO. 2-2B	10	EACH	\$1,750	\$17,500
603	MANHOLE, NO. 3	1	EACH	\$3,000	\$3,000
DRAINAGE SUBTOTAL:					\$128,490
PAVEMENT					
253	PAVEMENT REPAIR	340	SY	\$125	\$42,500
254	3" PAVEMENT PLANNING, ASPHALT CONCRETE	3,070	SY	\$8	\$24,560
302	4" ASPHALT CONCRETE BASE, PG64-22	380	CY	\$150	\$57,000
304	6" AGGREGATE BASE	750	CY	\$60	\$45,000
407	TACK COAT	740	GAL	\$3	\$2,220
441	1-1/4" ASPHALT CONCRETE SURFACE COURSE, TYPE 1	200	CY	\$225	\$45,000
441	2-1/4" AVG. VARIABLE DEPTH ASPH. CONC. INTER. COURSE	320	CY	\$175	\$56,000
609	CURB, TYPE 6	225	FT	\$26	\$5,850
PAVEMENT SUBTOTAL:					\$278,130
WATER WORKS					
838	FIRE HYDRANT EXTENDED AND ADJUSTED TO GRADE	4	EACH	\$2,500	\$10,000
838	VALVE BOX ADJUSTED TO GRADE	3	EACH	\$360	\$1,050
838	SERVICE BOX ADJUSTED TO GRADE	6	EACH	\$250	\$1,250
WATER WORKS SUBTOTAL:					\$12,300
TRAFFIC CONTROL					
	SIGNING	1	LS	\$15,000	\$25,000
	STRIPING	1	LS	\$5,500	\$10,000
TRAFFIC CONTROL SUBTOTAL:					\$35,000

125,490
Stormwater

125,560
3-M.I

SAFETY APPLICATION SUMMARY

Ety Road Safety Improvements
 Memorial Drive and Columbus Street
 District 5

Fairfield County, Ohio
 February 2018

Priority Ranking

The segment of Ety Road proposed to be improved as part of this safety project is identified on the Safety Integrated Project maps published by ODOT as a 'High Priority' location.

Crash Data

CATEGORY	DATA	SCORE
Expected Crash Frequency	19.11	10
Ratio of Fatal and Serious to Total	0.01	1
% of Potential for Safety Improvement	35.27%	20
Relative Severity Index	\$22,876	2
Equivalent Property Only Index	2.32	2
Volume to Capacity Ratio	1.00	10
Benefit / Cost Ratio	1.04	3
Safety Fund Request Percentage	76.12%	6
Total Project Score		54

Proposed Countermeasures

- Widen the north leg of the Memorial Drive / Ety Road intersection to create dedicated SB left and right turn lanes.
- Restripe the south leg of the Memorial Drive/ Ety Road intersection to be a left, thru, right configuration.
- Reconstruct the traffic signal at the Memorial Drive / Ety Road intersection.
- Widen the south leg of the Ety Road / Columbus Street intersection to two (2) lanes, with a shared left-thru lane and dedicated right turn lane.
- Construct a westbound left turn lane at the Ety Road / Columbus Street intersection.

Project Funding

PROJECT PHASE	FISCAL YEAR	NEW SAFETY	SPONSOR	TOTAL
Interchange Mod. Study	N/A	\$0.00	\$0.00	\$0.00
Environmental / PE	2018	\$0.00	\$205,000.00	\$205,000.00
Detailed Design:	2019	\$0.00	\$100,000.00	\$100,000.00
ROW / Utilities:	2019	\$256,500.00	\$28,500.00	\$285,000.00
Construction:	2020	\$1,249,209.00	\$138,801.00	\$1,388,010.00
Total:		\$1,505,709.00	\$472,301.00	\$1,978,010.00

The City of Lancaster will pay for their local share using city funds as well as a future OPWC request to help reduce their local share.



OHIO DEPARTMENT OF
TRANSPORTATION



Safety Study and
 Application
 Prepared By:
GPD GROUP