

RESOLUTION #10-0119-07

Submit streets for resurfacing bid estimates to Delaware County Engineer's office

Whereas, annually Liberty Township submits streets in need of resurfacing to the Delaware County Engineer's Office, and

Whereas, see attached list of streets recommended by the Liberty Township Road Department for resurfacing for the 2010 year,

Now, Therefore Be it Resolved, by the Liberty Township Board of Trustees, Delaware County, Ohio,

Motion made by Sybert and seconded by Mann.

Vote: yes Ms. Carducci yes Mr. Mann yes Mr. Sybert

This Resolution shall be in force and become effective immediately upon its execution.

1-19-10
Date

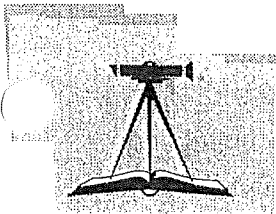
Curtis J. Sybert
Curtis J. Sybert, Trustee

Robert Mann
Robert Mann, Trustee

Mary Carducci
Mary Carducci, Trustee

CERTIFIED BY:

Mark S. Gerber
Mark S. Gerber, Fiscal Officer



Delaware County Engineer

Chris Bauserman, P.E., P.S.
County Engineer

Patrick E. Blayney, P.E., FACEC
Chief Deputy Engineer

December 15, 2009

To: Board of Township Trustees
Attn: Township Road Maintenance Dept.

Subject: 2010 Road Improvement Program

To the Board of Township Trustees:

This letter is in regards to the annual road improvement programs available to all Townships. It is the intent of The County Engineer's Office to provide all Townships with the opportunity to participate in these Improvement Programs administered by our office. I have included (3) three separate worksheets, one worksheet for surface road improvements and two worksheets for road markings (642, Type 1 water-based and 644 thermoplastic road markings). These sheets may be copied as many times as needed, filled out and submitted to our office no later than **Wednesday, January 20, 2010**. If there are questions concerning improvements or if you would like to request a meeting to discuss improvements, please contact me.

Our office will then return an estimate for all work requested by **Friday, February 12, 2010**. This estimate is a budgetary number that is generated from the information submitted to our office by your township. This estimate must be reviewed and/or amended, then approved by your Board of Township Trustees and returned to our office for final submittal by **Tuesday, March 16, 2010** with at least two (2) Trustees signature of approval. The enclosed sheet must have a township letterhead "coversheet" stating the road(s), limits, type of improvement(s) and estimated dollar amount you have requested. All deadline dates must be met in order to keep the contractor's bid date on **Tuesday, April 27, 2010**.

The contractor with the overall lowest and most responsible bid will be awarded the project based on the combined township and county total contract amount. The awarded unit prices are then applied to your township's item quantities and calculated to generate an "awarded total". Your township will then decide to either approve or disapprove the awarded contract total. Upon the review and approval of this contract amount, your township will be responsible for funding of this awarded amount. If during construction the contractor anticipates or becomes aware of any potential overages due to a dimensional discrepancy, miscalculation, numerical error, etc., the contractor is responsible to notify project manager and/or township representative to resolve any issues.

Roads requested for improvements that continue or are shared by neighboring townships should be discussed and decided upon prior to submitting your township lists. It is the responsibility of these townships to agree upon the process and limits to be paved. We strongly encourage the townships to make the proper coordination.

Please keep a copy of this letter for future reference regarding the specific dates noted. If you have additional questions and/or comments, require additional information regarding procedures or need to schedule a meeting to discuss improvement options please contact me at 740.833.2428.

Sincerely,

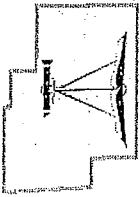
A handwritten signature in black ink that reads "Jerry E. Ungashick". The signature is written in a cursive style with a large initial "J".

Jerry E. Ungashick
Project Manager/Eng Tech III

The following cost estimates are provided to help determine the amount of work the Township can have performed and stay within the funds available. Tack coat, striping and maintaining traffic are not included in the cost estimates for structural improvements. All unit prices are dependent upon total quantities, mobilization and contractor scheduling. Estimated \$ amounts listed below are used for budgetary purposes only.

TYPE OF STRUCTURAL IMPROVEMENT	COST ESTIMATE (20' road width)
PULVERIZE (reshape & compact)	\$30,000.00 per mile
402 ASPHALT LEVEL COURSE (1.75")	\$62,000.00 per mile
404 ASPHALT SURFACE (1.25")	\$53,200.00 per mile
617 COMPACTED AGGREGATE, TYPE A	\$7,800.00 per mile (3" depth x 1.5' width)
421 - MICRO-SURFACE	\$24,500.00 per mile
422M - CHIP SEAL W/O POLYMER BINDER	\$12,500.00 per mile

MARKING DESCRIPTION	unit	642, Type 1 (water-based)	644 Thermoplastic
CENTER LINE	MI	\$600.00	TBD
EDGE LINE	MI	\$425.00	TBD
CHANNELIZING LINE (turn lanes)	LF	\$0.80	\$2.25
STOP LINE	LF	\$2.45	\$6.25
CROSSWALK LINE	LF	\$1.10	\$2.45
TRANSVERSE / DIAGONAL LINE	LF	\$3.00	\$5.35
REMOVAL OF LINE	LF	\$2.30	\$3.25
R/R SYMBOL MARKING	ea.	\$225.00	\$450.00
SCHOOL SYMBOL MARKING	ea.	\$225.00	\$450.00
LANE ARROW (turn lane)	ea.	\$50.00	\$90.00
WORD ON PAVEMENT	ea.	\$225.00	\$450.00



2010 DELAWARE COUNTY ROAD IMPROVEMENT PROGRAM
ROAD SURFACE IMPROVEMENTS

TOWNSHIP: Liberty

*Must be submitted by Wednesday, January 20, 2009

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Questions or comments

Jerry Ungashick phone 740.833.2428
fax 740.833.2399

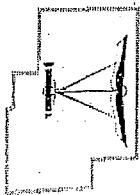
ROAD #	NAME	BEGIN (west / south)	END (east / north)	MI	length of road or improvement	FT	existing width of road (average) or improvement	SF	253 - Full depth repair	Fiber Sam. 421 Micro Surface (surface course)	M ² 422 - Chip Seal w/o Polymer Binder	423 Crack Seal Type II	*402 - Asphalt base (1.75" min thickness)	*403 - Asphalt Intermediate (1.00" min thickness)	*404 - Asphalt surface (1.5" min thickness)	617 - Berm material (1.0' min width)	Special remarks or instructions
00	EXAMPLE ROAD	INTERSECTION	INTERSECTION	1.50	16			(LxW)	X	X	X	X	1.75	1.25	1.5	MI	
472	Filiz Ln Extra Lane	Seldom Seen	Ged. 2	.75	20					3112	6133		1.75	1.0	1.5		Includes extra Ln
473	Sibelct. stem Bulb	Filiz Ln		.11	21					2223			1.75	1.0	1.5		Includes bulb
474	Ensin Ct. stem Bulb	Filiz Ln		.06	26					1430			1.75	1.0	1.5		Includes bulb
472	Braumiller Rd Extra Ln	Cheshire Rd	Del. Tap	.34	21						5056	5056	2.0				Includes extruLn
462	Borton Dr	Sherborne Ln	City of Powell	.05	21						700		1.75		1.5		
TOTALS																	

CONTACT PERSON

Randy Leib

PHONE

740-272-2251



2010 DELAWARE COUNTY ROAD IMPROVEMENT PROGRAM

ROAD MARKINGS: 644, (thermoplastic)

TOWNSHIP: Liberty

*Must be submitted by Wednesday, January 20, 2009

ROAD #	NAME	BEGIN (west / south)	END (east / north)	length of road or improvement	MI	FT	existing width of road (avg) or improvement	MI	FT	Center Line	Edge Line	Lane Line (dashed)	Channelizing Line (turn lanes)	Stop Line	Crosswalk Line	Transverse/ diagonal Line (island or median)	Railroad Symbol	School Symbol	Lane Arrow (turn lane)	Word on Pavement ("ONLY", "RIGHT")	Removal of line	Special remarks or instructions	
		INTERSECTION	INTERSECTION																				
00	EXAMPLE ROAD			1.50		16		1.00		2.00		1	50	20	50	300	1	1	1	1	1	200	
	Burton Dr.	Sherborne Ln	City of Powell											10									
	Filiz Ln.	Seldon Seen	Gediz										22										
	Sibel Ct.	Filiz Ln.											10										
	Ensin Ct.	Filiz Ln.											10										
	Gediz Dr.	Filiz Ln.											10										
	Brauniller Rd	Cheshire Rd	Del. Twp										50	22					1				
	Bean Oller	ST. RT. 315	Concord Twp										50	50			2						
	Seldon Seen	Sawmill Pkwy											50	30	90				1				East of Pkwy
	Sawmill Rd	ST. RT. 750	Bradford Ct											10									
	Jewett Rd	ST. RT. 315	Liberty Rd											40			2						

CONTACT PERSON: Kandy Leib

PHONE: 740-272-2251