



MEMORANDUM

From the Office of the
Township Manager

TO: BOARD OF SUPERVISORS
FROM: CHRISTOPHER BASHORE
RE: 2023 WEST GOSHEN TOWNSHIP PAVING PROGRAM BIDS
DATE: MARCH 7, 2023

Before the Board of Supervisors this evening are the bid results for West Goshen Township's 2023 paving program and an award recommendation from Carroll Engineering Corporation. A list of the roads in the 2023 paving program has been attached. The total mileage outlined for paving is 4.7 miles.

A non-mandatory pre-bid meeting was held on February 7, 2023 and the bids were opened on February 21, 2023. Seven (7) bids were received as follows:

- Glasgow, Inc. – \$993,495
- Allan Myers, L.P. – \$1,043,940
- Innovative Construction Services – \$1,128,025
- Long's Asphalt, Inc. – \$1,161,582
- Mecco Construction, Inc. – \$1,259,700
- Brubacher Excavating, Inc. – \$1,437,317.50
- Road-Con, Inc. – \$1,494,385.50

The Township's 2023 budget allocated \$1,187,000 for the 2023 paving program in the General (\$442,000 allocated in line-item #01439-30270) and State Highway Aid Funds (\$745,000 allocated in line-item #35439-30270). Additionally, the Township is scheduled to receive payment in the amount \$115,280 from Aqua PA for an overlap of the project area (revenue allocated in line-item #01380-03800). In reviewing the bid results, Dave Woodward, Public Works Director, offers the following:

- **Project Scope**

4.7 miles of paving
83,000 SY of mill and overlay (we usually average 80-85K SY a year)

- **Bidding Results**

7 Bidders Overall
\$ 50,445.00 difference between the two lowest bidders
This will be the third time Glasgow has paved for WGT since 2005 (2015-2018-2023)
The second low bidder Myers, has paved eleven times as prime contractor and once as a sub-contractor since 2005

\$ 1,187,000.00 Budgeted amount
\$ 993,495.00 Bid amount
\$ 193,505.00 Total budget savings of 16%

- **2023 Paving Funds Budget Breakdown**

\$ 745,000.00 PADOT Liquid Fuels Funds 63% of the overall budgeted funding
\$ 442,000.00 General Fund (Including Aqua Reimbursement \$ 115,280.00) 37% of the overall budgeted funding
\$ 1,187,000.00 Total

- **General Fund Budget Breakdown**

\$ 326,720.00 General Fund
\$ 115,280.00 Aqua reimbursement for road restoration of their Pine Valley Project Main Replacement Project
\$ 442,000.00 Total Budget Amount

- **Project Bid Cost Allocation**

\$ 745,000.00 Liquid Fuels Funds 75% of project funding
\$ 248,495.00 General Funds (including Aqua reimbursement) 25% of project funding
\$ 993,495.00 Total

- **Actual Project Bid Cost Percentage Breakdown**

\$ 745,000.00 Liquid Fuels Funds 75% of project cost
\$ 133,215.00 Township General Funds 13% of project costs
\$ 115,280.00 Aqua Funds 12% of project cost (reimbursement)
\$ 993,495.00 Total

Based on the bid results and the information outlined, we recommend awarding the bid for the Township's 2023 Paving Program to Glasgow, Inc. in the amount of \$993,495 based on their bid dated February 21, 2023 as recommended by Carroll Engineering Corporation in their letter dated February 27, 2023.

Please let me know if you have questions. Thank you.



February 27, 2023

Christopher Bashore, Township Manager
West Goshen Township
1025 Paoli Pike
West Chester, PA 19380

Dear Mr. Bashore:

Subject: 2023 Pavement Repair Project - West Goshen Township

Our office has reviewed the Bids received by the Township via PennBid on February 21, 2023, for the subject project. A total of seven (7) bids were received from Glasgow, Inc., Allan Myers, L.P., Innovative Construction Services, Long's Asphalt, Inc., Meco Constructors, Inc., Brubacher Excavating, Inc. and Road-Con, Inc. A Certified Tabulation of Bids is enclosed for your reference.

The bids were competitive with the two (2) low bids having less than a 5% margin. Glasgow, Inc is the apparent low bidder with a Base Bid in the amount of \$993,495.00. This figure is in line with our budgetary cost estimate for the paving work.

Glasgow, Inc.'s bid conformed to all conditions of the Advertisement for Bids and had previously completed the West Goshen Paving repairs in 2018 with good results. Therefore, we recommend that the Township award the Contract to Glasgow, Inc. in the amount of \$993,495.00.

If you have any questions or require additional information, please feel free to contact me.

Very truly yours,

CARROLL ENGINEERING CORPORATION

A handwritten signature in blue ink, appearing to read 'Thomas G. Wilkes'.

Thomas G. Wilkes, P.E

TGW:lad
Enclosure

cc: David Woodward, Director of Public Works, West Goshen Township (w/Enclosure)
Bryan Kulakowsky, P.E., Township Engineer, West Goshen Township (w/Enclosure)
Mark Bertolami, Streets Superintendent, West Goshen Township (w/Enclosure)
Christopher A. Peterson, P.E., Carroll Engineering Corporation

Today's Commitment to Tomorrow's Challenges

Corporate Office:
949 Easton Road
Warrington, PA 18976
215.343.5700

630 Freedom Business Center
Third Floor
King of Prussia, PA 19406
610.572.7093

433 Lancaster Avenue
Suite 200
Malvern, PA 19355
610.489.5100

105 Raider Boulevard
Suite 206
Hillsborough, NJ 08844
908.874.7500

Tabulation of Bids
West Goshen Township
2022 Pavement Repair Project
Bid Date: February 21, 2023
7 Bids Received

					Glasgow, Inc. 104 Willow Grove Avenue Glenside, PA 19038		Allan Myers, L.P. 1805 Berks Road Worcester, PA 19490		Innovative Construction Services 1851 Maple Ave Folcroft, PA 19032		Long's Asphalt, Inc. 856 Scotland Road Quarryville, PA 17566		Meco Constructors, Inc. 684 Dunksferry Road Bensalem, PA 19020		Brubacher Excavating, Inc. 825 Reading Road East Earl, PA 17519		Road-Con, Inc. 902 Camaro Run Drive West Chester, PA 19380	
Bid Security					10% Bid Bond		10% Bid Bond		10% Bid Bond		10% Bid Bond		10% Bid Bond		10% Bid Bond		10% Bid Bond	
Item No.	Type	Item Description	Units	Quantity	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price	Unit Price	Total Price
1	BASE	Mobilization	L.S.	1	\$59,605.00	\$59,605.00	\$186,500.00	\$186,500.00	\$7,500.00	\$7,500.00	\$30,000.00	\$30,000.00	\$22,588.00	\$22,588.00	\$56,000.00	\$56,000.00	\$75,000.00	\$75,000.00
2	BASE	Milling of Bituminous Pavement, 1.5" Depth	S.Y.	83,000.00	\$2.70	\$224,100.00	\$1.05	\$87,150.00	\$2.30	\$190,900.00	\$2.95	\$244,850.00	\$3.00	\$249,000.00	\$4.45	\$369,350.00	\$3.00	\$249,000.00
3	BASE	Trackless Tack Coat per PennDOT Standards	S.Y.	83,000.00	\$0.30	\$24,900.00	\$0.25	\$20,750.00	\$0.48	\$39,840.00	\$0.35	\$29,050.00	\$0.70	\$58,100.00	\$0.58	\$48,140.00	\$0.65	\$53,950.00
4	BASE	Superpave Volumetric Asphalt Mixture Design, WMA Wearing Course, PG 64-22, 0.3 to 30.0 MILLION ESALS, 9.5 mm Mix, SRL-H, 1.5" Depth	TONS	7,300.00	\$76.10	\$555,530.00	\$88.00	\$642,400.00	\$108.40	\$791,320.00	\$102.35	\$747,155.00	\$107.00	\$781,100.00	\$106.00	\$773,800.00	\$115.00	\$839,500.00
5	BASE	Milling to 5" Depth for Base Repair	S.Y.	1,810.00	\$8.00	\$14,480.00	\$1.50	\$2,715.00	\$5.00	\$9,050.00	\$9.00	\$16,290.00	\$17.00	\$30,770.00	\$25.00	\$45,250.00	\$34.00	\$61,540.00
6	BASE	Superpave Volumetric Asphalt Mixture Design, WMA Base Course, PG 64-22, 0.3 to 30.0 MILLION ESALS, 25 mm Mix, 5" Depth	TONS	520	\$69.00	\$35,880.00	\$55.00	\$28,600.00	\$36.50	\$18,980.00	\$102.00	\$53,040.00	\$113.00	\$58,760.00	\$90.75	\$47,190.00	\$185.00	\$96,200.00
7	BASE	Remove and Replace 6" Dia. Rolled Asphalt Curbing	L.F.	2,700.00	\$6.00	\$16,200.00	\$9.30	\$25,110.00	\$11.00	\$29,700.00	\$2.10	\$5,670.00	\$6.75	\$18,225.00	\$18.00	\$48,600.00	\$25.00	\$67,500.00
8	BASE	Temporary 4" Double Yellow Line Pavement Markings	L.F.	8,100.00	\$1.00	\$8,100.00	\$1.10	\$8,910.00	\$0.85	\$6,885.00	\$0.32	\$2,592.00	\$0.85	\$6,885.00	\$1.05	\$8,505.00	\$1.10	\$8,910.00
9	BASE	Hot Thermoplastic 4" Double Yellow Line Pavement Markings	L.F.	8,100.00	\$3.00	\$24,300.00	\$2.15	\$17,415.00	\$1.75	\$14,175.00	\$1.70	\$13,770.00	\$1.80	\$14,580.00	\$2.10	\$17,010.00	\$2.25	\$18,225.00
10	BASE	Hot Thermoplastic 4" Single White Line Pavement Markings	L.F.	14,600.00	\$1.50	\$21,900.00	\$1.10	\$16,060.00	\$0.90	\$13,140.00	\$0.70	\$10,220.00	\$0.90	\$13,140.00	\$1.05	\$15,330.00	\$1.10	\$16,060.00
11	BASE	Hot Thermoplastic 4" Single White Line Pavement Markings - Crosswalk	L.F.	300	\$1.50	\$450.00	\$3.20	\$960.00	\$2.20	\$660.00	\$3.40	\$1,020.00	\$2.20	\$660.00	\$3.15	\$945.00	\$3.21	\$963.00
12	BASE	Hot Thermoplastic White Pavement Markings - 'STOP' and 'AHEAD'	EA.	2	\$800.00	\$1,600.00	\$720.00	\$1,440.00	\$700.00	\$1,400.00	\$1,165.00	\$2,330.00	\$724.00	\$1,448.00	\$705.00	\$1,410.00	\$750.00	\$1,500.00
13	BASE	Hot Thermoplastic White Pavement Markings - Turn Arrow and 'ONLY'	EA.	3	\$400.00	\$1,200.00	\$590.00	\$1,770.00	\$500.00	\$1,500.00	\$500.00	\$1,500.00	\$498.00	\$1,494.00	\$575.00	\$1,725.00	\$600.00	\$1,800.00
14	BASE	24" Wide White Hot Thermoplastic Stop Bar	L.F.	300	\$15.00	\$4,500.00	\$12.80	\$3,840.00	\$9.00	\$2,700.00	\$12.60	\$3,780.00	\$8.90	\$2,670.00	\$12.50	\$3,750.00	\$13.00	\$3,900.00
15	BASE	White Hot Thermoplastic Vascar Lines	L.F.	50	\$15.00	\$750.00	\$6.40	\$320.00	\$5.50	\$275.00	\$6.30	\$315.00	\$5.60	\$280.00	\$6.25	\$312.50	\$6.75	\$337.50
TOTALS						\$993,495.00		\$1,043,940.00		\$1,128,025.00		\$1,161,582.00		\$1,259,700.00		\$1,437,317.50		\$1,494,385.50

"We certify the above to be a true and accurate Tabulation of Bids received on February 21, 2023 by West Goshen Township for the 2023 Pavement Repair Project"


 CARROLL ENGINEERING CORPORATION
 Thomas G. Wilkes, P.E.

West Goshen Township 2023 Paving

STREETS	BEGIN AT	ENDING	MILEAGE
Sunset Hollow Rd	Pottstown Pike	Grove Rd	.41
Mackenzie Dr	Sunset Hollow Rd	Grove Rd	.58
McElroy Dr	Mackenzie Dr	Twp. line	.11
Macpherson Dr	Mackenzie Dr	Twp. Line	.17
Delaware Ave	Grove Rd	Carolina Ave	.33
Pennsylvania Ave	Grove Rd	Carolina Ave	.25
Carolina Ave	Delaware Ave	Cul-De-Sac	.50
New Jersey Ave	Pennsylvania Ave	Delaware Ave	.31
New York Ave	Pennsylvania Ave	Delaware Ave	.31
Carlson Ave	Maule La	South Concord Rd	.25
Pine Valley Cir	Carlson Ave	Cul-de-sac	.21
Amelia Dr	Pine Valley Cir	South Concord Rd	.24
Emily Cir	Amelia Dr	Cul-de-sac	.05
Wilson Dr	Airport Rd	Township Line	.17
Brandywine Pkwy	Wilson Dr	Cul-de-sac	.21
Wesley Ct	Westtown Rd	Cul-de-sac	.14
Little Shiloh Rd	Westtown Rd	Shiloh Rd	.46
TOTAL MILEAGE		4.70 MILES	