

Ng, Vincent

From: Wittman, Donald
Sent: Friday, May 16, 2025 8:12 AM
To: Ng, Vincent
Subject: RE: PID 114484 | GEA-87-2.73 | Final Tracings Review Request

Categories: Yellow Category, Orange Category

ELLIS has been updated, estimate, CE, Work locations and pavement treatment

Donald Wittman, P.E.

Programming Engineer - District 12

D: 216.584.2251

Donald.Wittman@dot.ohio.gov



**Department of
Transportation**

From: Ng, Vincent <Vincent.Ng@dot.ohio.gov>

Sent: Thursday, May 15, 2025 2:36 PM

To: DOT D12 TPD <D12.TPD@dot.ohio.gov>

Cc: Brauer, Drake <Drake.Brauer@dot.ohio.gov>; Czinger, Corey <Corey.Czinger@dot.ohio.gov>; Martin, Luke <Luke.Martin@dot.ohio.gov>; Selzer, David <David.Selzer@dot.ohio.gov>

Subject: PID 114484 | GEA-87-2.73 | Final Tracings Review Request

Good afternoon, everyone.

The Final Tracing plans for the subject project can be found below. It is the resurfacing of SR-87 (Kinsman Road) from SR-306 (Chillicothe Road) to just east of Auburn Road in Russell Township and Newbury Township. I have created a Bluebeam Session to track comments:

PID 114484 Final Tracings Review

Session ID: 149-443-007

Session URL: <https://studio.bluebeam.com/hyperlink.html?link=studio.bluebeam.com/sessions/149-443-007>

Please return comments by **Friday, 6/6**.

Thank you,

Vincent Ng, P.E.

Transportation Engineer III

ODOT District 12 | Design

5500 Transportation Blvd., Garfield Heights, OH 44125

D: 216.584.2244

Vincent.Ng@dot.ohio.gov

Ng, Vincent

From: Ng, Vincent
Sent: Thursday, May 15, 2025 2:38 PM
To: Wittman, Donald
Subject: PID 114484 | GEA-87-2.73 Resurfacing | Estimate
Attachments: 114484 Estimate.pdf

Good afternoon, Don.

Appended is the cost estimate for the subject project. The last page of the PDF has the inflated cost at \$1.556M. The project is scheduled to file on 6/23. Please let me know if you concur or if you see anything that needs adjustment.

Thanks,

Vincent Ng, P.E.

Transportation Engineer III

ODOT District 12 | Design

5500 Transportation Blvd., Garfield Heights, OH 44125

D: 216.584.2244

Vincent.Ng@dot.ohio.gov



**Department of
Transportation**

Estimate \$: PID 114484

Estimated Cost: \$1,500,362.92

Contingency %: 0.00%

Estimated Total: \$1,500,362.92

Base Date: 5/6/2025

Spec Year: 23

Unit System: E

Work Type: ASPHALT

Highway Type:

Urban/Rural: RURAL CLASS

Season: FALL

County: GEAUGA

Latitude of Midpoint: 412747

Longitude of Midpoint: -811718

District: 12

Federal Project Number:

State Project Number:

Prepared By: on 2025/01/27

Group \$ 0200 -
EROSION CONTROL (01/STR/05)

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Extended Amount</u>
0004 832E30000	1,000.000	EACH	\$1.00000	\$1,000.00
EROSION CONTROL				

Group \$ Total: \$1,000.00

Group \$ 0300 -
DRAINAGE (01/STR/05)

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Extended Amount</u>
0005 611E98631	2.000	EACH	\$1,600.00000	\$3,200.00
CATCH BASIN ADJUSTED TO GRADE, AS PER PLAN				
0006 611E99655	1.000	EACH	\$1,750.00000	\$1,750.00
MANHOLE ADJUSTED TO GRADE, AS PER PLAN				
0007 611E99820	1,000.000	LB	\$3.61280	\$3,612.80
SPECIAL - MISCELLANEOUS METAL				

Group \$ Total: \$8,562.80

Group \$ 0400 -
PAVEMENT (01/STR/05)

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Extended Amount</u>
0008 251E01000	1,100.000	SY	\$51.58743	\$56,746.17
PARTIAL DEPTH PAVEMENT REPAIR (441)				
0009 253E02000	1,250.000	CY	\$253.56378	\$316,954.73
PAVEMENT REPAIR				
0010 304E20000	40.000	CY	\$102.68832	\$4,107.53
AGGREGATE BASE				
0011 407E20000	7,433.000	GAL	\$2.92986	\$21,777.65
NON-TRACKING TACK COAT				
0012 424E14000	2,426.400	CY	\$252.47637	\$612,608.66
FINE GRADED POLYMER ASPHALT CONCRETE, TYPE B, (448)				
0013 617E10101	282.100	CY	\$125.00000	\$35,262.50
COMPACTED AGGREGATE, AS PER PLAN				
0014 618E43000	4.660	MILE	\$1,316.81098	\$6,136.34
RUMBLE STRIPES, CENTER LINE (ASPHALT CONCRETE)				
0015 874E20000	26,564.000	FT	\$1.21410	\$32,251.35
LONGITUDINAL JOINT PREPARATION				
0016 897E01010	87,315.000	SY	\$1.16559	\$101,773.49
PAVEMENT PLANING, ASPHALT CONCRETE, CLASS A				

Group \$ Total: \$1,187,618.42

Group \$ 1100 -
TRAFFIC CONTROL (01/STR/05)

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Extended Amount</u>
0017 621E00100 RPM	351.000	EACH	\$39.61162	\$13,903.68
0018 621E54000 RAISED PAVEMENT MARKER REMOVED	246.000	EACH	\$7.58021	\$1,864.73
0019 646E10010 EDGE LINE, 6"	9.710	MILE	\$3,414.33511	\$33,153.19
0020 646E10200 CENTER LINE	5.030	MILE	\$4,097.31111	\$20,609.47
0021 646E10300 CHANNELIZING LINE, 8"	669.000	FT	\$2.20489	\$1,475.07
0022 646E10400 STOP LINE	396.000	FT	\$12.37274	\$4,899.61
0023 646E10510 CROSSWALK LINE, 12"	96.000	FT	\$9.22778	\$885.87
0024 646E10600 TRANSVERSE/DIAGONAL LINE	276.000	FT	\$10.81353	\$2,984.53
0025 646E20300 LANE ARROW	9.000	EACH	\$191.66921	\$1,725.02
0026 690E98400 SPECIAL -	1.000	LS	\$500.00000	\$500.00

Group \$ Total: \$82,001.17

Group \$ 2100 -
MAINTENANCE OF TRAFFIC (01/STR/05)

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Extended Amount</u>
0027 614E11110 LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	80.000	HOURL	\$98.11844	\$7,849.48
0028 614E12460 WORK ZONE MARKING SIGN	6.000	EACH	\$116.84265	\$701.06
0029 614E13000 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	50.000	CY	\$215.64534	\$10,782.27
0030 614E18601 PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	12.000	SNMT	\$800.00000	\$9,600.00
0031 614E21100 WORK ZONE CENTER LINE, CLASS I, 642 PAINT	5.030	MILE	\$1,427.34521	\$7,179.55
0032 614E21550 WORK ZONE CENTER LINE, CLASS III, 642 PAINT	5.030	MILE	\$1,189.96378	\$5,985.52
0033 614E22110 WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT	9.710	MILE	\$986.24040	\$9,576.39

0034	614E22360	9.710	MILE	\$847.35021	\$8,227.77
WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT					
0035	614E23210	669.000	FT	\$0.98550	\$659.30
WORK ZONE CHANNELIZING LINE, CLASS I, 12", 642 PAINT					
0036	614E23690	669.000	FT	\$0.98890	\$661.57
WORK ZONE CHANNELIZING LINE, CLASS III, 12", 642 PAINT					
0037	614E25200	276.000	FT	\$2.59508	\$716.24
WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS I, 642 PAINT					
0038	614E25620	276.000	FT	\$2.99089	\$825.49
WORK ZONE TRANSVERSE/DIAGONAL LINE, CLASS III, 642 PAINT					
0039	614E26200	396.000	FT	\$4.14082	\$1,639.76
WORK ZONE STOP LINE, CLASS I, 642 PAINT					
0040	614E26610	396.000	FT	\$3.74579	\$1,483.33
WORK ZONE STOP LINE, CLASS III, 642 PAINT					
0041	614E27050	96.000	FT	\$2.52655	\$242.55
WORK ZONE CROSSWALK LINE, CLASS I, 12", 642 PAINT					
0042	614E27250	96.000	FT	\$2.62475	\$251.98
WORK ZONE CROSSWALK LINE, CLASS III, 12", 642 PAINT					
0043	614E30200	9.000	EACH	\$68.76132	\$618.85
WORK ZONE ARROW, CLASS I, 642 PAINT					
0044	614E30650	9.000	EACH	\$67.65555	\$608.90
WORK ZONE ARROW, CLASS III, 642 PAINT					
0045	630E97800	300.000	SF	\$23.00000	\$6,900.00
SIGNING, MISC.:					

Group \$ Total: \$74,510.01

Group \$ 2300 -
INCIDENTALS (01/STR/05)

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Extended Amount</u>
0046 614E11000	1.000	LS	\$60,000.00000	\$60,000.00
MAINTAINING TRAFFIC				
0047 623E10001	1.000	LS	\$5,525.00000	\$5,525.00
CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN				
0048 624E10000	1.000	LS	\$30,000.00000	\$30,000.00
MOBILIZATION				

Group \$ Total: \$95,525.00

Group \$ 2301 -
ROADWAY (01/STR/05)

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Extended Amount</u>
0049 203E10000	40.000	CY	\$63.11798	\$2,524.72

EXCAVATION

0050	209E60201	456.180	STA	\$60.00000	\$27,370.80
LINEAR GRADING, AS PER PLAN					
0051	623E39501	25.000	EACH	\$850.00000	\$21,250.00
MONUMENT ASSEMBLY ADJUSTED TO GRADE, AS PER PLAN					

Group \$ Total: \$51,145.52

CY 2025-2029 Business Plan Inflation Calculator:

[Not sure if you have the latest calculator? Click here.](#)

Last Modified: 1/27/2025

Today's Date:

May 6, 2025

Please Enter Values in the Yellow Areas Only:

Estimation Start Date:

Less than or Equal to Today's Date
(mm/dd/yyyy)

5/6/2025

Start Date:

Enter Construction Mid-Point Date:

(cannot exceed 05/06/2050)
(mm/dd/yyyy)

4/20/2026

Construction Mid-Point Date:

Present-Day Estimated Cost:

\$1,500,363.00

Estimated Dollar Amount:

Estimate Start Date to Construction Mid-Point Date:

11

Months

Inflation - Start to Mid-Point of Construction:

(compounded growth rate)

Inflated Dollar Amount:

Business Plan

3.7%

\$1,555,874.81

Estimator's Name:

Vincent Ng

County - Route - Section:

GEA-87-2.73

PID:

114484

Estimator's Notes: