



Village of Gilberts

Village Hall: 87 Galligan Road, Gilberts, Illinois 60136

Ph. 847-428-2861 Fax: 847-428-2955

www.villageofgilberts.com

VILLAGE BOARD MEETING AGENDA

Tuesday, February 1, 2022 - 7:00 p.m. - Village Hall Board Room

In accordance with recent amendments to the Open Meetings Act that authorize remote meeting attendance during the COVID-19 pandemic, the Village President has determined that it is not prudent or practical to conduct an in-person meeting for all members of the Board and the public due to the pandemic. Therefore, some of the Village Board members may attend this meeting by electronic means, in compliance with the amended OMA.

In order to comply with the Governor's executive orders regarding limitations on gatherings and to ensure social distancing, members of the public are encouraged to attend the meeting remotely via video or audio as follows:

Zoom (video and/or audio): <https://us06web.zoom.us/j/87868280509>

Meeting ID: 878 6828 0509

Dial-In (audio): (312) 626-6799

Members of the public can also submit written comments via email at info@villageofgilberts.com. Any comments received by 5:00 p.m. on February 1, 2022 will be submitted into the record of the meeting.

ORDER OF BUSINESS

1. CALL TO ORDER / PLEDGE OF ALLIEGENCE

2. ROLL CALL / ESTABLISH QUORUM

3. PUBLIC COMMENT*

4. CONSENT AGENDA

- A. A Motion to approve Minutes from the January 18, 2022 Village Board Meeting
- B. A Motion to ratify Bills & Payroll dated February 1, 2022
- C. A Motion to approve Ordinance 03-2022, an Ordinance Authorizing the Disposal of Personal Property Owner by the Village of Gilberts
- D. A Motion to approve Resolution 02-2022, a Resolution to Authorize the Execution of an Agreement with Schroeder Asphalt Services, Inc. for the Calendar Year 2022 Road Program in an Amount Not to Exceed \$3,029,325
- E. A Motion to approve Ordinance 04-2022, an Ordinance Amending Ordinance No. 01-2022 Approving and Authorizing the Execution of a Refinancing Loan for the Village-Owned Property at 73 Industrial Drive with Union National Bank

5. ITEMS FOR APPROVAL

6. ITEMS FOR DISCUSSION

- A. Presentation and Discussion of a Noise Wall Along a Portion of Interstate 90

7. STAFF REPORTS

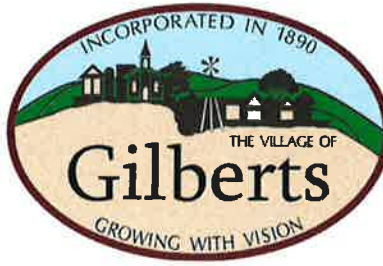
8. TRUSTEES' REPORTS

9. PRESIDENTS' REPORT

10. ADJOURNMENT

***Public Comment Policy**

Anyone indicating a desire to speak during Public Comments portion of the Village Board Meeting will be acknowledged by the Village President. All remarks are to be addressed to the Village President and Board of Trustees as a whole, not to any specific person(s). To ensure that everyone who wishes to speak has the opportunity to do so, please limit your comments to five minutes. Additional time may be granted at the discretion of the Village President. If you have written comments, please provide a copy to the Village President. If there are a number of individuals present to speak on the same topic, please designate a spokesperson that can summarize the issue. During Public Comments, the Village President, Trustees and Staff will listen to comments and will not engage in discussion. The Village President or Trustees may ask questions to better understand your concern, suggestion or request. Please direct any personnel concerns to the Village Administrator before or after the meeting. The Village of Gilberts complies with the Americans Disabilities Act (ADA). For accessibility Assistance, please contact the Village Clerk at the Village Hall, telephone number is 847-428-2861". Assistive services will be provided upon request.



**MINUTES FOR VILLAGE OF GILBERTS
BOARD OF TRUSTEES MEETING
Village Hall: 87 Galligan Road, Gilberts, IL 60136
Meeting Minutes
Tuesday, January 18, 2022**

1. CALL TO ORDER / PLEDGE OF ALLEGIANCE

President Zambetti called the meeting to order at 7:00 p.m. He proceeded to lead those present in the Pledge of Allegiance.

2. ROLL CALL / ESTABLISH QUORUM

Village Clerk Courtney Baker called the roll. Roll call: Members present: Trustees Corbett, Allen, and Redfield. Trustee Coats, LeClercq and Hacker were absent. Others present: Village Administrator Brian Bourdeau, Public Works Director Aaron Grosskopf, Finance Director Taunya Fischer, and Management Analyst Riley Lynch.

3. PUBLIC COMMENT

There were no public comments at this time.

4. CONSENT AGENDA

- A. A Motion to approve Minutes from the January 4, 2022 Village Board Meeting
- B. A Motion to ratify Bills & Payroll dated January 18, 2022
- C. A Motion to approve the December 2021 Treasurer's Report
- D. A Motion to approve Ordinance 01-2022, an Ordinance Approving and Authorizing the Execution of a Refinancing Loan for the Village-Owned Property at 73 Industrial Drive with Union National Bank

President Zambetti asked if any of the board members had any consent agenda items they wished to remove for separate consideration. After hearing none, asked for a motion to approve.

A Motion was made by Trustee Redfield and seconded by Trustee Allen to Approve Consent Agenda items A-D as Presented. Roll call vote: Trustees Corbett, Allen, and Redfield voted Aye. President Zambetti was present but did not vote. 0-nays, 0-abstained. Motion carried.

5. ITEMS FOR APPROVAL

A. Ordinance 02-2022, an Ordinance Approving the Final Plat of Subdivision and Final PUD Plans for Phase 2B-2 of the Conservancy Development –

A Motion was made by Trustee Allen and seconded by Trustee Redfield to Approve Ordinance 02-2022, an Ordinance Approving the Final Plat of Subdivision and Final PUD Plans for Phase 2B-2 of the Conservancy Development. Roll call vote: Trustees Corbett, Allen, and Redfield voted Aye. President Zambetti was present but did not vote. 0-nays, 0-abstained. Motion carried.

6. ITEMS FOR DISCUSSION

Presentation and Discussion Regarding Implementation of the Village GIS Solution – Administrator Bourdeau advised the Board that the Village is currently utilizing paper atlas maps or atlas maps that have been scanned into our system. The current atlas maps are over ten years old and have not been updated in as many years. The Village cannot update these documents without making handwritten alterations on the PDF and submitting them back to the engineer to revise the atlas maps which can occur additional costs. GIS technology has evolved incredibly over the past decade, and the majority of municipalities now utilize a style of the online GIS system. Due to the Village's IPRF grant, and an opportunity to utilize these grant funds to offset the sign replacement program. The Village has the ability to use the offset cost of the sign program to put toward an online GIS system. The Public Works Department is recommending the purchase and implementation of an ArcGIS Desktop/Online Professional system. The professional system will allow more straightforward implementation by the consultant and boost the number of assets, attachments, and shapefiles without limitations. The GIS Professional Desktop system, which includes the ArcGIS online system, is one upfront cost of \$1,500.00 with a year-over-year maintenance cost of \$400.00. Additionally, other licenses are recommended to reap the most from the new GIS system, the Field License, and the Viewer License. These costs are in addition to the one-time consultant fee to create and implement the online system. The general consensus of the Board was to move forward with this project.

7. STAFF REPORTS

Administrator Bourdeau

- There was an email received to Info@villageofgilberts.com regarding the sound wall that will be entered in the minutes for the record (see attached).

Director Grosskopf

- The water tower is back on line.
- Schroeder Asphalt was the lowest bidder for the road paving project.

8. TRUSTEES' REPORTS

Trustee Allen

- Planning for Community Days is currently underway. The Committee has reached out to several business and food vendors.

9. PRESIDENTS' REPORT

President Zambetti did not have a report at this time.

10. EXECUTIVE SESSION

An executive session did not take place.

11. ADJOURNMENT

There being no further public business to discuss, **a Motion was made by Trustee Allen and seconded by Trustee Redfield to adjourn from the public meeting at 7:14 pm.** Voice vote carried unanimously.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Courtney Baker". The signature is written in a cursive, flowing style.

Courtney Baker
Village Clerk

Courtney Baker

From: Jack J <FamilyFriendsCountry@yahoo.com>
Sent: Tuesday, January 18, 2022 4:47 PM
To: Info@villageofgilberts.com
Subject: Sound Barrier

Follow Up Flag: Follow up
Flag Status: Flagged

Hello friends and neighbors.

I am so glad that the issue of sound pollution is being addressed in Dunhill Estates. We live off of Kathleen street and we are very proud of our neighborhood. We have raised our family in Dunhill Estates and have been here for over 15 years.

The decibel level has more than doubled in our area and it's mostly attributed to interstate 90. We can not even stand in our driveway and have a conversation without having to raise our voices to hear each other talk. The days of sitting quietly in our living room or anywhere else in our house 🏠 and read are over. Noise from the interstate is terrible during the day and evening, but even loud at night.

When we moved in over 15 years ago the interstate couldn't be heard. Now it's heard 24/7. This has diminished the enjoyment of our home and there is nowhere in our home where you can not hear the traffic. It's not what we moved here for. All my neighbors in my area feel that the noise pollution in Dunhill Estates decreases the quality of life.

The great people of Illinois, including us, get to benefit from the interstate. Our tax dollars and tolls support it. Why should the people of Dunhill Estates, or any folks, have to suffer endless noise pollution when the State of Illinois has the technology and funds to fix the problem? We deserve better.

On a separate note, little if any improvement has been made to Memorial Park in 15 years. We had to place new nets on the basketball 🏀 court last summer ourselves. However, the court itself is torn-up and needs repair. Also, the playground equipment is old and very dated.

Our home is in Dunhill Estates. It's our community. We were very happy when they fixed the ditch issue several years ago. Our water is terrific. So many good things here ruined by the noise pollution from interstate 90.

Feel free to reach-out if we can help.

Jack Johnson and Family

Hug a Friend Today 🌍 US

Department: 00 GENERAL FUND

COMMUNITY UNIT SCHOOL	DUE TO SCHOOL	157,388.25
FOX RIVER VALLEY PUBLIC	DUE TO LIBRARY	8,485.85
IPBC - INTERGOVERNMENTAL PERSONN	EMPLOYEE DENTAL CONTRIBUTION	2,200.52
IPBC - INTERGOVERNMENTAL PERSONN	EMPLOYEE HEALTH INS. CONTRIBUT	30,154.19
IPBC - INTERGOVERNMENTAL PERSONN	EMPLOYEE LIFE INSURANCE	89.78
ROBINSON ENGINEERING, LTD.	ESCROWS PAYABLE	33,904.50
Total: 00 GENERAL FUND		232,223.09

Department: 01 ADMINISTRATIVE

AT&T U-VERSE	COMMUNICATIONS	57.59
BELLEFEUIL SZUR & ASSOCIATES	CONTRACTUAL SERVICES	4,460.00
BENEFIT PLANNING CONSULTANTS,	GROUP HEALTH INS	100.00
CARDUNAL OFFICE SUPPLY	OFFICE SUPPLIES	225.66
CURRENT TECHNOLOGIES, INC.	CONTRACTUAL SERVICES	1,095.06
FOX VALLEY SECURITY SYSTEMS	CONTRACTUAL SERVICES	372.00
LAUTERBACH & AMEN, LLP	ACCOUNTING SERVICES	2,550.00
MARCO TECHNOLOGIES LLC	RENTAL-EQUIPMENT	425.00
RESERVE ACCOUNT	POSTAGE	200.00
RICHARD SPINKER	CONTRACTUAL SERVICES	140.00
THE BUG MAN, INC	CONTRACTUAL SERVICES	47.00
THOMPSON ELEVATOR INSPECTION	CONTRACTUAL SERVICES	150.00
WAREHOUSE DIRECT, INC	OFFICE SUPPLIES	48.87
Total: 01 ADMINISTRATIVE		9,871.18

Department: 02 POLICE

ACTION AUTO WORKS INC	MAINTENANCE VEHICLES	1,251.95
RICHARD SPINKER	CONTRACTUAL SERVICES	315.00
THE BUG MAN, INC	CONTRACTUAL SERVICES	36.00
VERIZON WIRELESS	COMMUNICATIONS	245.07
Total: 02 POLICE		1,848.02

Department: 03 PUBLIC WORKS

AUTO GLASS TECHNIQUE	MAINTENANCE VEHICLES	491.13
BONNELL INDUSTRIES, INC.	MAINTENANCE EQUIPMENT	293.05
COMMONWEALTH EDISON	STREETLIGHTING	51.83
HD WHITE CAP CONST SUPPLY	SMALL TOOLS AND EQUIPMENT	38.64
LEE JENSEN SALES CO INC	MAINTENANCE EQUIPMENT	149.00
MARENGO WELL AND PUMP CO	MAINTENANCE BUILDING	2,874.00
RED WING SHOES	UNIFORMS	200.00
RICHARD SPINKER	CONTRACTUAL SERVICES	140.00
THE BUG MAN, INC	CONTRACTUAL SERVICES	47.00
UNIV OF WISCONSIN EXTENSION	TRAINING EXPENSE	995.00
Total: 03 PUBLIC WORKS		5,279.65

Department: 04 BUILDING

B&F CONSTRUCTION CODE SVC, INC	BUILDING PERMIT EXPENSE-PASS T	3,555.00
ROBINSON ENGINEERING, LTD.	BUILDING PERMIT EXPENSE	1,344.00
Total: 04 BUILDING		4,899.00

Department: 06 PARKS

AEP ENERGY	UTILITIES	50.13
COMMONWEALTH EDISON	UTILITIES	197.47
Total: 06 PARKS		247.60

Department: 10 WATER SYSTEMS

API PLUMBING INC.	RENTAL-EQUIPMENT	175.00
CONSTELLATION NEWENERGY, INC	UTILITIES	6,806.62
MENARDS - CARPENTERSVILLE	MAINTENANCE PARTS & MATERIALS	162.47
MIDWEST SALT	BRINE HAULING EXPENSES	2,967.40
NORTHWESTERN MEDICINE OCCUPATION	CONTRACTUAL SERVICES	86.00
PACE ANALYTICAL SERVICES	LABORATORY TESTING	12.50
PDC LABORATORIES, INC	LABORATORY TESTING	1,912.50
THIRD MILLENNIUM ASSOCIATES	PRINTING	370.40
Total: 10 WATER SYSTEMS		12,492.89

Department: 20 WASTEWATER SYSTEMS

API PLUMBING INC.	RENTAL-EQUIPMENT	175.00
CONSTELLATION NEWENERGY, INC	UTILITIES	10,636.91
NICOR	UTILITIES	381.91
NORTHWESTERN MEDICINE OCCUPATION	CONTRACTUAL SERVICES	86.00
SUBURBAN LABORATORIES	LABORATORY TESTING	3,664.00
THIRD MILLENNIUM ASSOCIATES	PRINTING	370.39
VIKING CHEMICAL COMPANY	CHEMICALS	1,414.00
Total: 20 WASTEWATER SYSTEMS		16,728.21

*** GRAND TOTAL *** 283,589.64



Village of Gilberts

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To: President Zambetti and Board of Trustees
From: Brian Bourdeau, Village Administrator
Date: February 1, 2022 Village Board Meeting
Re: Item 4.C: An Ordinance Authorizing Disposal of Personal Property Owned by the Village of Gilberts

Please find attached an Ordinance authorizing the disposal of personal property owned by the Village of Gilberts. Earlier this year, the Police Department purchased a SUV that was budgeted for the current fiscal year. The SUV is the replacement for the 2013 Ford Taurus that currently has about 127,000 miles on it. Staff has also included the old Waitcus Park equipment in this surplus ordinance so that it may be disposed of as soon as needed when the installation of the new playground begins. Both items are anticipated to be auctioned by the Village through GovDeals.

VILLAGE OF GILBERTS

ORDINANCE 03-2022

**AN ORDINANCE AUTHORIZING THE DISPOSAL OF
PERSONAL PROPERTY OWNED BY THE VILLAGE OF GILBERTS**

WHEREAS, it is the opinion of the corporate authorities of the Village of Gilberts that it is no longer necessary, useful, or in the best interest of the Village to retain ownership of the personal property described in this Ordinance; and

WHEREAS, the Village of Gilberts finds and determines that it will dispose of the personal property in a manner described in this Ordinance;

THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF GILBERTS, ILLINOIS, as follows:

Section 1: Recitals. The recitals set forth above are hereby incorporated into and made a part of this Ordinance as though set forth in this Section 1.

Section 2: Disposal of Surplus Property. The President and Trustees find that the personal property described in Exhibit A attached to this Ordinance (“Surplus Property”) is no longer necessary or useful to the Village’s Administration Department for the Village of Gilberts is hereby authorized to direct the sale or disposal of the Surplus Property in the manner most appropriate to the Village. The Surplus Property shall be sold or disposed of in an “as is” condition.

Section 3: Each section, paragraph, sentence, clause and provision of this Ordinance is separable and if any provision is held unconstitutional or invalid for any reason, such decision shall not affect the remainder of this Ordinance, other than the part affected by such decision.

Section 4: This Ordinance shall take effect upon its passage and approval according to law.

PASSED BY THE BOARD OF TRUSTEES this ____ day of _____, 2021 by roll call vote as follows:

	<u>Ayes</u>	<u>Nays</u>	<u>Absent</u>	<u>Abstain</u>
Trustee Jeanne Allen	_____	_____	_____	_____
Trustee Brandon Coats	_____	_____	_____	_____
Trustee Dan Corbett	_____	_____	_____	_____
Trustee Lou Hacker	_____	_____	_____	_____
Trustee David LeClerq	_____	_____	_____	_____

Ordinance 03-2022

Trustee Justin Redfield
President Guy Zambetti

APPROVED THIS _____ DAY OF _____, 2022

Guy Zambetti, Village President

(SEAL)

ATTEST:

Courtney Baker, Village Clerk

-Exhibit A-

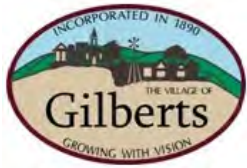
Vehicle

2013 Ford Crown Victoria

VIN: 1FAHP2L81DG222142

Equipment

Old Waitcus Park Playground Equipment



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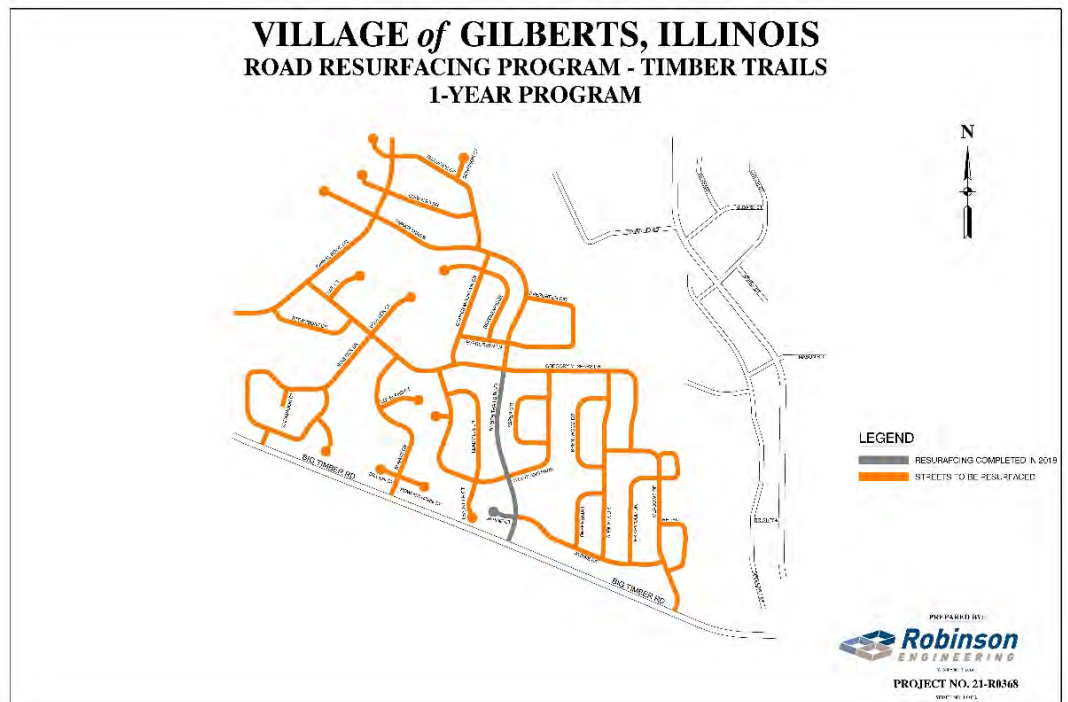
To: President Zambetti & Board of Trustees
From: Brian Bourdeau, Village Administrator
Aaron Grosskopf, Public Works Director
Date: February 1, 2022 Board Meeting
Re: Item 4.D: a Resolution to Authorize the Execution of an Agreement with Schroeder Asphalt Services, Inc. for the Calendar Year 2022 Road Program in an Amount Not to Exceed \$3,029,325

Background

Village staff has been working on the 2022 Road Paving program for the past year, through budgeting, engineering, bond issuance and MFT preparation. The 2022 road program approved by the Village Board includes the entirety of Timber Trails and Timber Glen, with the exception of a portion of Timber Trails Blvd and Alpine Court, both of which were completed as part of the 2019 road program.

Summary

On January 13, 2022 the Village opened a total of nine sealed bids for the project. After reviewing the bids provided alongside Robinson Engineering, the Village and Robinson have both come to a recommended contractor based on price and performance, Schroeder Asphalt. The total bid price for Schroeder came in at **\$2,753,931.30**. Below you will find a summarized version of the attached bid tab.



February 1, 2022 Board Meeting-
Awarding of 2022 Road Paving Program to Schroeder Asphalt - 2

Contractor	Total Project Proposal
Alliance Contracting	No Bid
Schroeder	2,753,931.30
Peter Baker & Son	2,853,477.55
Brothers Asphalt	2,863,118.50
Plote Construction	2,881,000.00
J.A. Johnson	3,047,000.00
Arrow Road Construction/Healy	3,184,392.05
A-Lamp Concrete	3,187,552.05
Geske	3,238,771.50
Curran Contracting	3,240,344.50

Additionally, attached you will find the Robinson Engineering letter of recommendation to award the contract to Schroeder Asphalt. With this bidding process complete, after award of the contract the Village, contractor and IDOT will finalize all documents and begin to prepare for the 2022 Road Paving season.

Due to bidding the project early in the year, the actual costs came in lower than anticipated. Due to this around 24% of the bond issuance or roughly \$1,100,000.00 will be available for use on a similar project. Due to the terms of the bond issuance and the pledged monies for debt service, the balance of bond proceeds can only be used on road resurfacing or road construction. The remaining balance may allow the Village to get an earlier than expected start on the next phase of Village road resurfacing/reconstruction. However, formal development and discussion with the Board of the next phase will take place once the 2022 road program is concluded.

Moving into the paving season, Village staff has already started prepping a page on the Village website to announce the award of the project, projected timeline and other relevant information. This page will be publicly accessible after the official contract documents are signed and the Village is ready to begin outreach.

Village staff recommends adding a 10% construction contingency for the project to the Schroeder Asphalt award equal to **\$275,393.13** for a total not-to-exceed contract of **\$3,029,324.43**. Please note, contingency is only used if needed. Please also note that there will be engineering costs associated with the project for around a total of 6% of the contract price, for an additional **\$165,253.88**. No action is needed to create a separate agreement with Robinson for the engineering aspect of the project as it is covered under the Village's general engagement with Robinson and will be funded through the bond proceeds as part of the Road Program. Accounting for contingency and project engineering, the 2022 Road Program for Timber Trails and Timber Glen is expected to cost up to **\$3,194,560.31**.

Conclusion

Village staff recommends the Village Board of Trustees authorize resolution XX: Awarding the 2022 Paving Project to Schroeder Asphalt in the amount of **\$3,029,324.43**. Which will include both the bid price and 10% contingency.

February 1, 2022 Board Meeting-
Awarding of 2022 Road Paving Program to Schroeder Asphalt - 3

Attachments:

- Robinson Engineering Recommendation and Bid Tabulation
- Schroeder Asphalt Bid Submittal



January 14, 2022

REL Project 21-R0368

To: Village of Gilberts
87 Galligan Road
Gilberts, IL 60136

Attn: Aaron Grosskopf

RE: 2022 MFT STREET RESURFACING PROGRAM – TIMBER TRAILS SUBDIVISION
AWARD RECOMMENDATION

Dear Mr. Grosskopf:

Bids were received and publicly opened on January 13, 2022, at 10:00 AM, for the above referenced project, and the results are as follows:

Contractor	Bid Amount
Schroeder Asphalt Services, Inc.	\$2,753,931.30
Peter Baker & Son Co.	\$2,853,477.55
Brothers Asphalt Paving, Inc.	\$2,863,118.50
Plote Construction Inc.	\$2,881,000.00
J.A. Johnson Paving Co.	\$3,047,000.00
Arrow Road Construction Company	\$3,184,392.05
A Lamp Concrete Construction Inc.	\$3,187,552.05
Geske and Sons Inc.	\$3,238,771.50
Curran Contracting Co.	\$3,240,344.50

We therefore recommend award of the contract to the low bidder, Schroeder Asphalt Services, Inc., in the amount of Two Million Seven Hundred Fifty-Three Thousand Nine Hundred Thirty-One Dollars and Thirty Cents (\$2,753,931.30). If you have any questions, please do not hesitate to contact me at your convenience.

Should you have any questions or require any further information, please feel free to contact me.

Very truly yours,

ROBINSON ENGINEERING, LTD.

Jairo Rodriguez

Direct Line: (815) 412-2725

Email: jrodriguez@reltd.com

R:\2020-2024\2021\21-R0368.GI\Bid and Contract Documents\21-R0368_Award Bid Ltr_1-14-22.DOCX

Encl: 2022 MFT Street Resurfacing Program – Bid Tabs

Local Public Agency: Village of Gilberts Date: _____
 County: Kane Time: _____
 Section: 22-00000-01-GM Appropriation: _____
 Estimate: \$4,069,932.50

Attended By: Jairo Rodriguez

				Name of Bidder:		Schroeder Asphalt Services, Inc.		Peter Baker & Son Co.		Brothers Asphalt Paving, Inc.	
				Address of Bidder:		PO Box 831		1349 Rockland Road		315 S. Stewart Avenue	
						Huntley, IL 60142		Lake Bluff, IL 60044		Addision , IL 60101	
				Approved Engineer's Estimate							
Item No.	Item Description	Unit	QTY	Unit Price	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
20200100	EARTH EXCAVATION	CU YD	100	\$80.00	\$8,000.00	\$15.00	\$1,500.00	\$22.00	\$2,200.00	\$50.00	\$5,000.00
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100	\$50.00	\$5,000.00	\$1.00	\$100.00	\$22.00	\$2,200.00	\$50.00	\$5,000.00
20700220	POROUS GRANULAR EMBANKMENT	CU YD	100	\$50.00	\$5,000.00	\$1.00	\$100.00	\$24.00	\$2,400.00	\$50.00	\$5,000.00
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,900	\$10.00	\$29,000.00	\$6.00	\$17,400.00	\$5.25	\$15,225.00	\$7.35	\$21,315.00
35800200	AGGREGATE BASE REPAIR	TON	500	\$40.00	\$20,000.00	\$1.00	\$500.00	\$1.00	\$500.00	\$35.00	\$17,500.00
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	107,655	\$0.50	\$53,827.50	\$0.01	\$1,076.55	\$0.01	\$1,076.55	\$0.10	\$10,765.50
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-	TON	8,090	\$110.00	\$889,900.00	\$95.25	\$770,572.50	\$86.50	\$699,785.00	\$96.00	\$776,640.00
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	13,415	\$95.00	\$1,274,425.00	\$75.00	\$1,006,125.00	\$72.00	\$965,880.00	\$76.00	\$1,019,540.00
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	220	\$90.00	\$19,800.00	\$100.00	\$22,000.00	\$72.00	\$15,840.00	\$75.60	\$16,632.00
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	13,165	\$10.00	\$131,650.00	\$9.50	\$125,067.50	\$8.00	\$105,320.00	\$8.40	\$110,586.00
42400800	DETECTABLE WARNINGS	SQ FT	2,145	\$50.00	\$107,250.00	\$29.50	\$63,277.50	\$47.50	\$101,887.50	\$49.87	\$106,971.15
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	159,490	\$4.00	\$637,960.00	\$1.70	\$271,133.00	\$2.70	\$430,623.00	\$1.60	\$255,184.00
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,960	\$20.00	\$39,200.00	\$9.10	\$17,836.00	\$9.00	\$17,640.00	\$20.00	\$39,200.00
44000600	SIDEWALK REMOVAL	SQ FT	13,165	\$3.00	\$39,495.00	\$1.05	\$13,823.25	\$1.00	\$13,165.00	\$1.05	\$13,823.25
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,760	\$10.00	\$17,600.00	\$3.00	\$5,280.00	\$3.50	\$6,160.00	\$4.20	\$7,392.00
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	30	\$50.00	\$1,500.00	\$8.25	\$247.50	\$7.00	\$210.00	\$5.25	\$157.50
R6001007	CLASS D PATCHES, 4 INCH	SQ YD	1,485	\$60.00	\$89,100.00	\$27.00	\$40,095.00	\$38.00	\$56,430.00	\$30.00	\$44,550.00
R6001024	CLASS D PATCHES, 8 INCH	SQ YD	130	\$75.00	\$9,750.00	\$50.00	\$6,500.00	\$74.00	\$9,620.00	\$100.00	\$13,000.00

Local Public Agency: Village of Gilberts Date: _____
 County: Kane Time: _____
 Section: 22-00000-01-GM Appropriation: _____
 Estimate: \$4,069,932.50

Attended By: Jairo Rodriguez

				Name of Bidder:		Schroeder Asphalt Services, Inc.		Peter Baker & Son Co.		Brothers Asphalt Paving, Inc.	
				Address of Bidder:		PO Box 831		1349 Rockland Road		315 S. Stewart Avenue	
				Approved Engineer's Estimate		Huntley, IL 60142		Lake Bluff, IL 60044		Addision , IL 60101	
Item No.	Item Description	Unit	QTY	Unit Price	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
R6005010	COMBINATION CURB AND GUTTER REMOVAL AND	FOOT	7,635	\$55.00	\$419,925.00	\$26.50	\$202,327.50	\$24.50	\$187,057.50	\$25.72	\$196,372.20
XX006343	SEEDING (COMPLETE)	SQ YD	2,900	\$10.00	\$29,000.00	\$3.00	\$8,700.00	\$3.00	\$8,700.00	\$2.62	\$7,598.00
Z0004522	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	1,740	\$70.00	\$121,800.00	\$45.00	\$78,300.00	\$59.25	\$103,095.00	\$45.00	\$78,300.00
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	136	\$500.00	\$68,000.00	\$345.00	\$46,920.00	\$425.00	\$57,800.00	\$393.75	\$53,550.00
XX007079	CONCRETE RIBBON	FOOT	150	\$45.00	\$6,750.00	\$25.00	\$3,750.00	\$32.00	\$4,800.00	\$33.60	\$5,040.00
X5620114	WATER SERVICE CONNECTION	L SUM	1	\$8,000.00	\$8,000.00	\$1,800.00	\$1,800.00	\$3,000.00	\$3,000.00	\$1,575.00	\$1,575.00
X8040500	RELOCATE ELECTRIC SERVICE	L SUM	1	\$8,000.00	\$8,000.00	\$2,000.00	\$2,000.00	\$19,750.00	\$19,750.00	\$8,253.00	\$8,253.00
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	\$20,000.00	\$20,000.00	\$47,000.00	\$47,000.00	\$22,613.00	\$22,613.00	\$39,445.75	\$39,445.75
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	\$10,000.00	\$10,000.00	\$500.00	\$500.00	\$500.00	\$500.00	\$4,728.15	\$4,728.15
				TOTAL:	\$4,069,932.50	\$2,753,931.30		\$2,853,477.55		\$2,863,118.50	

Local Public Agency: Village of Gilberts Date: _____
 County: Kane Time: _____
 Section: 22-00000-01-GM Appropriation: _____
 Estimate: \$4,069,932.50

Attended By: Jairo Rodriguez

				Name of Bidder:		Plote Construction Inc.		J.A. Johnson Paving Co.		Arrow Road Construction Company	
				Address of Bidder:		1100 Brandt Drive		1025 East Addsion Court		1445 Oakton Street	
						Hoffman Estates, IL 60192		Arlington Heights, IL 60005		Elk Grove Village , IL 60007	
				Approved Engineer's Estimate							
Item No.	Item Description	Unit	QTY	Unit Price	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
20200100	EARTH EXCAVATION	CU YD	100	\$80.00	\$8,000.00	\$22.00	\$2,200.00	\$22.00	\$2,200.00	\$22.00	\$2,200.00
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100	\$50.00	\$5,000.00	\$22.00	\$2,200.00	\$35.00	\$3,500.00	\$10.00	\$1,000.00
20700220	POROUS GRANULAR EMBANKMENT	CU YD	100	\$50.00	\$5,000.00	\$24.00	\$2,400.00	\$35.00	\$3,500.00	\$10.00	\$1,000.00
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,900	\$10.00	\$29,000.00	\$0.10	\$290.00	\$5.25	\$15,225.00	\$0.10	\$290.00
35800200	AGGREGATE BASE REPAIR	TON	500	\$40.00	\$20,000.00	\$5.00	\$2,500.00	\$10.00	\$5,000.00	\$1.00	\$500.00
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	107,655	\$0.50	\$53,827.50	\$0.01	\$1,076.55	\$0.01	\$1,076.55	\$0.01	\$1,076.55
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-	TON	8,090	\$110.00	\$889,900.00	\$90.00	\$728,100.00	\$87.50	\$707,875.00	\$60.00	\$485,400.00
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	13,415	\$95.00	\$1,274,425.00	\$72.00	\$965,880.00	\$74.00	\$992,710.00	\$85.30	\$1,144,299.50
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	220	\$90.00	\$19,800.00	\$72.00	\$15,840.00	\$81.00	\$17,820.00	\$72.00	\$15,840.00
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	13,165	\$10.00	\$131,650.00	\$8.00	\$105,320.00	\$7.50	\$98,737.50	\$8.00	\$105,320.00
42400800	DETECTABLE WARNINGS	SQ FT	2,145	\$50.00	\$107,250.00	\$47.50	\$101,887.50	\$45.00	\$96,525.00	\$47.50	\$101,887.50
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	159,490	\$4.00	\$637,960.00	\$2.25	\$358,852.50	\$2.00	\$318,980.00	\$3.70	\$590,113.00
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,960	\$20.00	\$39,200.00	\$11.00	\$21,560.00	\$1.00	\$1,960.00	\$9.00	\$17,640.00
44000600	SIDEWALK REMOVAL	SQ FT	13,165	\$3.00	\$39,495.00	\$1.00	\$13,165.00	\$1.25	\$16,456.25	\$1.00	\$13,165.00
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,760	\$10.00	\$17,600.00	\$2.75	\$4,840.00	\$3.50	\$6,160.00	\$3.50	\$6,160.00
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	30	\$50.00	\$1,500.00	\$7.50	\$225.00	\$7.00	\$210.00	\$7.00	\$210.00
R6001007	CLASS D PATCHES, 4 INCH	SQ YD	1,485	\$60.00	\$89,100.00	\$39.00	\$57,915.00	\$34.00	\$50,490.00	\$12.00	\$17,820.00
R6001024	CLASS D PATCHES, 8 INCH	SQ YD	130	\$75.00	\$9,750.00	\$89.00	\$11,570.00	\$70.00	\$9,100.00	\$23.00	\$2,990.00

Local Public Agency: Village of Gilberts Date: _____
 County: Kane Time: _____
 Section: 22-00000-01-GM Appropriation: _____
 Estimate: \$4,069,932.50

Attended By: Jairo Rodriguez

				Name of Bidder:		Plote Construction Inc.		J.A. Johnson Paving Co.		Arrow Road Construction Company	
				Address of Bidder:		1100 Brandt Drive		1025 East Addsion Court		1445 Oakton Street	
				Hoffman Estates, IL 60192		Arlington Heights, IL 60005		Elk Grove Village , IL 60007			
				Approved Engineer's Estimate							
Item No.	Item Description	Unit	QTY	Unit Price	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
R6005010	COMBINATION CURB AND GUTTER REMOVAL AND	FOOT	7,635	\$55.00	\$419,925.00	\$26.50	\$202,327.50	\$26.00	\$198,510.00	\$48.70	\$371,824.50
XX006343	SEEDING (COMPLETE)	SQ YD	2,900	\$10.00	\$29,000.00	\$7.90	\$22,910.00	\$3.00	\$8,700.00	\$7.90	\$22,910.00
Z0004522	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	1,740	\$70.00	\$121,800.00	\$45.00	\$78,300.00	\$70.00	\$121,800.00	\$75.75	\$131,805.00
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	136	\$500.00	\$68,000.00	\$325.00	\$44,200.00	\$625.00	\$85,000.00	\$300.00	\$40,800.00
XX007079	CONCRETE RIBBON	FOOT	150	\$45.00	\$6,750.00	\$32.00	\$4,800.00	\$32.00	\$4,800.00	\$34.00	\$5,100.00
X5620114	WATER SERVICE CONNECTION	L SUM	1	\$8,000.00	\$8,000.00	\$1,500.00	\$1,500.00	\$6,250.00	\$6,250.00	\$2,500.00	\$2,500.00
X8040500	RELOCATE ELECTRIC SERVICE	L SUM	1	\$8,000.00	\$8,000.00	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00	\$5,540.00	\$5,540.00
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	\$20,000.00	\$20,000.00	\$119,140.95	\$119,140.95	\$269,914.70	\$269,914.70	\$97,000.00	\$97,000.00
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$500.00	\$500.00	\$1.00	\$1.00
				TOTAL:	\$4,069,932.50		\$2,881,000.00		\$3,047,000.00		\$3,184,392.05

Local Public Agency: Village of Gilberts Date: _____
 County: Kane Time: _____
 Section: 22-00000-01-GM Appropriation: _____
 Estimate: \$4,069,932.50

Attended By: Jairo Rodriguez

				Name of Bidder:		A Lamp Concrete Construction Inc.		Geske and Sons Inc.		Curran Contracting Co.	
				Address of Bidder:		1900 Wright Boulevard		400 East Terra Cotta		286 Memorial Court	
						Schaumburg, IL 60193		Crystal Lake, IL 60014		Crystal Lake, IL 60014	
				Approved Engineer's Estimate							
Item No.	Item Description	Unit	QTY	Unit Price	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
20200100	EARTH EXCAVATION	CU YD	100	\$80.00	\$8,000.00	\$35.00	\$3,500.00	\$50.00	\$5,000.00	\$55.00	\$5,500.00
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100	\$50.00	\$5,000.00	\$20.00	\$2,000.00	\$50.00	\$5,000.00	\$55.00	\$5,500.00
20700220	POROUS GRANULAR EMBANKMENT	CU YD	100	\$50.00	\$5,000.00	\$20.00	\$2,000.00	\$24.00	\$2,400.00	\$55.00	\$5,500.00
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,900	\$10.00	\$29,000.00	\$2.00	\$5,800.00	\$0.12	\$348.00	\$0.10	\$290.00
35800200	AGGREGATE BASE REPAIR	TON	500	\$40.00	\$20,000.00	\$15.00	\$7,500.00	\$16.00	\$8,000.00	\$25.00	\$12,500.00
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	107,655	\$0.50	\$53,827.50	\$0.01	\$1,076.55	\$0.01	\$1,076.55	\$0.25	\$26,913.75
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-	TON	8,090	\$110.00	\$889,900.00	\$99.50	\$804,955.00	\$99.30	\$803,337.00	\$80.00	\$647,200.00
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	13,415	\$95.00	\$1,274,425.00	\$82.50	\$1,106,737.50	\$82.45	\$1,106,066.75	\$69.00	\$925,635.00
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	220	\$90.00	\$19,800.00	\$80.00	\$17,600.00	\$83.20	\$18,304.00	\$61.00	\$13,420.00
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	13,165	\$10.00	\$131,650.00	\$8.25	\$108,611.25	\$8.76	\$115,325.40	\$11.40	\$150,081.00
42400800	DETECTABLE WARNINGS	SQ FT	2,145	\$50.00	\$107,250.00	\$25.00	\$53,625.00	\$33.25	\$71,321.25	\$33.00	\$70,785.00
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	159,490	\$4.00	\$637,960.00	\$1.95	\$311,005.50	\$2.17	\$346,093.30	\$2.30	\$366,827.00
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,960	\$20.00	\$39,200.00	\$12.50	\$24,500.00	\$12.15	\$23,814.00	\$41.00	\$80,360.00
44000600	SIDEWALK REMOVAL	SQ FT	13,165	\$3.00	\$39,495.00	\$1.55	\$20,405.75	\$1.55	\$20,405.75	\$3.35	\$44,102.75
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,760	\$10.00	\$17,600.00	\$3.85	\$6,776.00	\$3.85	\$6,776.00	\$3.50	\$6,160.00
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	30	\$50.00	\$1,500.00	\$7.70	\$231.00	\$7.70	\$231.00	\$7.00	\$210.00
R6001007	CLASS D PATCHES, 4 INCH	SQ YD	1,485	\$60.00	\$89,100.00	\$44.00	\$65,340.00	\$38.90	\$57,766.50	\$57.00	\$84,645.00
R6001024	CLASS D PATCHES, 8 INCH	SQ YD	130	\$75.00	\$9,750.00	\$72.00	\$9,360.00	\$69.25	\$9,002.50	\$90.00	\$11,700.00

Local Public Agency: Village of Gilberts Date: _____
 County: Kane Time: _____
 Section: 22-00000-01-GM Appropriation: _____
 Estimate: \$4,069,932.50

Attended By: Jairo Rodriguez

				Name of Bidder:		A Lamp Concrete Construction Inc.		Geske and Sons Inc.		Curran Contracting Co.	
				Address of Bidder:		1900 Wright Boulevard		400 East Terra Cotta		286 Memorial Court	
						Schaumburg, IL 60193		Crystal Lake, IL 60014		Crystal Lake, IL 60014	
				Approved Engineer's Estimate							
Item No.	Item Description	Unit	QTY	Unit Price	Total	Unit Cost	Total	Unit Cost	Total	Unit Cost	Total
R6005010	COMBINATION CURB AND GUTTER REMOVAL AND	FOOT	7,635	\$55.00	\$419,925.00	\$42.50	\$324,487.50	\$54.00	\$412,290.00	\$57.00	\$435,195.00
XX006343	SEEDING (COMPLETE)	SQ YD	2,900	\$10.00	\$29,000.00	\$3.00	\$8,700.00	\$8.69	\$25,201.00	\$8.00	\$23,200.00
Z0004522	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	1,740	\$70.00	\$121,800.00	\$46.00	\$80,040.00	\$47.50	\$82,650.00	\$91.00	\$158,340.00
Z0017400	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	136	\$500.00	\$68,000.00	\$550.00	\$74,800.00	\$435.00	\$59,160.00	\$630.00	\$85,680.00
XX007079	CONCRETE RIBBON	FOOT	150	\$45.00	\$6,750.00	\$30.00	\$4,500.00	\$36.85	\$5,527.50	\$50.00	\$7,500.00
X5620114	WATER SERVICE CONNECTION	L SUM	1	\$8,000.00	\$8,000.00	\$3,000.00	\$3,000.00	\$4,375.00	\$4,375.00	\$6,500.00	\$6,500.00
X8040500	RELOCATE ELECTRIC SERVICE	L SUM	1	\$8,000.00	\$8,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,600.00	\$5,600.00
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	\$20,000.00	\$20,000.00	\$136,000.00	\$136,000.00	\$43,750.00	\$43,750.00	\$60,000.00	\$60,000.00
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	\$10,000.00	\$10,000.00	\$1.00	\$1.00	\$550.00	\$550.00	\$1,000.00	\$1,000.00
				TOTAL:	\$4,069,932.50		\$3,187,552.05		\$3,238,771.50		\$3,240,344.50

RESOLUTION 02-2022

VILLAGE OF GILBERTS

RESOLUTION TO AUTHORIZE THE EXECUTION OF AN AGREEMENT WITH SCHROEDER ASPHALT SERVICES, INC. FOR THE CALENDAR YEAR 2022 ROAD PROGRAM IN AN AMOUNT NOT TO EXCEED \$3,029,325

WHEREAS, the Village of Gilberts intends to complete certain roadway improvements within the Timber Trails and Timber Glen subdivisions; and

WHEREAS, sealed bids were solicited and opened at Village Hall at 10:00 a.m. on January 13, 2022; and

WHEREAS, the lowest responsive and responsible bid was received from Schroeder Asphalt Service, Inc.

Now, Be it Resolved by the President and Board of Trustees of the Village of Gilberts, Kane County, Illinois that:

Section 1. Recitals. The recitals set forth above are hereby incorporated into and made a part of this Resolution as though set forth in this Section 1.

Section 2. Approval; Authorization. The Village Board of Trustees hereby authorizes the Village Administrator, upon receipt of all final contract documents to the satisfaction of the Village Administrator and Village Engineer, to execute the necessary documents attached as Exhibit A with Schroeder Asphalt Service, Inc. for the Calendar Year 2022 Road Program in an amount not-to-exceed \$3,029,325.

Section 3. Effective Date. This Resolution shall be in full force and effect after its approval in the manner provided by law.

PASSED BY ROLL CALL VOTE OF THE BOARD OF TRUSTEES of the Village of Gilberts, Kane County, Illinois, this ____ day of February 2022.

	<u>Ayes</u>	<u>Nays</u>	<u>Absent</u>	<u>Abstain</u>
Trustee Dave LeClercq	_____	_____	_____	_____
Trustee Dan Corbett	_____	_____	_____	_____
Trustee Justin Redfield	_____	_____	_____	_____
Trustee Jeanne Allen	_____	_____	_____	_____
Trustee Lou Hacker	_____	_____	_____	_____
Trustee Brandon Coats	_____	_____	_____	_____
President Guy Zambetti	_____	_____	_____	_____

Resolution No. 02-2022

APPROVED THIS ____ DAY OF February, 2022

Village President, Guy Zambetti

(SEAL)
ATTEST:

Village Clerk, Courtney Nicholas

Resolution No. 02-2022

Exhibit A
Agreement



Local Public Agency Formal Contract Proposal



COVER SHEET

Proposal Submitted By:			
Contractor's Name			
Schroeder Asphalt Services, Inc.			
Contractor's Address			
P.O. Box 831	City	State	Zip Code
	Huntley,	IL	60142

STATE OF ILLINOIS

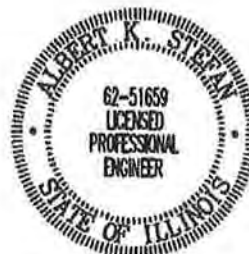
Local Public Agency		County	Section Number
Village of Gilberts		Kane	22-00000-01-GM
Route(s) (Street/Road Name)			Type of Funds
Timber Trails Subdivision			MFT

Proposal Only
 Proposal and Plans
 Proposal only, plans are separate

Submitted/Approved
 For Local Public Agency:

<p style="text-align: center;">For a County and Road District Project</p> <p style="text-align: center;">Submitted/Approved</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Highway Commissioner Signature</td> <td style="width: 20%;">Date</td> </tr> <tr> <td style="height: 40px;"></td> <td></td> </tr> </table> <p style="text-align: center;">Submitted/Approved</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">County Engineer/Superintendent of Highways</td> <td style="width: 20%;">Date</td> </tr> <tr> <td style="height: 40px;"></td> <td></td> </tr> </table>	Highway Commissioner Signature	Date			County Engineer/Superintendent of Highways	Date			<p style="text-align: center;">For a Municipal Project</p> <p style="text-align: center;">Submitted/Approved/Passed</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Signature</td> <td style="width: 20%;">Date</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">12/17/2021</td> </tr> <tr> <td colspan="2">Official Title</td> </tr> <tr> <td colspan="2" style="text-align: center;">Village Administrator</td> </tr> </table> <p style="text-align: center;">Department of Transportation</p> <p style="text-align: center;">Released for bid based on limited review</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">Regional Engineer Signature</td> <td style="width: 20%;">Date</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;">12/21/2021</td> </tr> </table>	Signature	Date		12/17/2021	Official Title		Village Administrator		Regional Engineer Signature	Date		12/21/2021
Highway Commissioner Signature	Date																				
County Engineer/Superintendent of Highways	Date																				
Signature	Date																				
	12/17/2021																				
Official Title																					
Village Administrator																					
Regional Engineer Signature	Date																				
	12/21/2021																				

Note: All proposal documents, including Proposal Guaranty Checks or Proposal Bid Bonds, should be stapled together to prevent loss when bids are processed.



LICENSE EXPIRES: 02/28/22

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Gilberts	Kane	22-00000-01-GM	Timber Trails Subdivision

NOTICE TO BIDDERS

Sealed proposals for the project described below will be received at the office of **Village Clerk**

87 Galligan Road, Gilberts, IL 60136

Address

Name of Office	until 10:00 AM	on 01/13/22
	Time	Date

Sealed proposals will be opened and read publicly at the office of **Village Clerk**

87 Galligan Road, Gilberts, IL 60136

Address

Name of Office	at 10:00 AM	on 01/13/22
	Time	Date

DESCRIPTION OF WORK

Location	Project Length
Timber Trails Subdivision	46,775ft or 8.86 mi

Proposed Improvement

HMA Surface removal and replacement with Polymerized HMA binder and HMA surface course, pavement patching, structure adjustments & necessary restoration as directed by the Engineer.

1. Plans and proposal forms will be available in the office of

Village of Gilberts and may be obtained by emailing agrosskopf@villageofgilberts.com or calling (847) 428-4167 and requesting a digital set. The Bid Documents will only be transmitted electronically. IDOT Prequalification will be required to pick up Bid Documents.

2. Prequalification

If checked, the 2 apparent as read low bidders must file within 24 hours after the letting an "Affidavit of Availability" (Form BC 57) in triplicate, showing all uncompleted contracts awarded to them and all low bids pending award for Federal, State, County, Municipal and private work. One original shall be filed with the Awarding Authority and two originals with the IDOT District Office.
3. The Awarding Authority reserves the right to waive technicalities and to reject any or all proposals as provided in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals.
4. The following BLR Forms shall be returned by the bidder to the Awarding Authority:
 - a. Local Public Agency Formal Contract Proposal (BLR 12200)
 - b. Schedule of Prices (BLR 12201)
 - c. Proposal Bid Bond (BLR 12230) (if applicable)
 - d. Apprenticeship or Training Program Certification (BLR 12325) (do not use for project with Federal funds.)
 - e. Affidavit of Illinois Business Office (BLR 12326) (do not use for project with Federal funds)
5. The quantities appearing in the bid schedule are approximate and are prepared for the comparison of bids. Payment to the Contractor will be made only for the actual quantities of work performed and accepted or materials furnished according to the contract. The scheduled quantities of work to be done and materials to be furnished may be increased, decreased or omitted as hereinafter provided.
6. Submission of a bid shall be conclusive assurance and warranty the bidder has examined the plans and understands all requirements for the performance of work. The bidder will be responsible for all errors in the proposal resulting from failure or neglect to conduct an in depth examination. The Awarding Authority will, in no case, be responsible for any costs, expenses, losses or changes in anticipated profits resulting from such failure or neglect of the bidder.
7. The bidder shall take no advantage of any error or omission in the proposal and advertised contract.
8. If a special envelope is supplied by the Awarding Authority, each proposal should be submitted in that envelope furnished by the Awarding Agency and the blank spaces on the envelope shall be filled in correctly to clearly indicate its contents. When an envelope other than the special one furnished by the Awarding Authority is used, it shall be marked to clearly indicate its contents. When sent by mail, the sealed proposal shall be addressed to the Awarding Authority at the address and in care of the official in whose office the bids are to be received. All proposals shall be filed prior to the time and at the place specified in the Notice to Bidders. Proposals received after the time specified will be returned to the bidder unopened.
9. Permission will be given to a bidder to withdraw a proposal if the bidder makes the request in writing or in person before the time for opening proposals.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Gilberts	Kane	22-00000-01-GM	Timber Trails Subdivision

PROPOSAL

1. Proposal of Schroeder Asphalt Services, Inc.
Contractor's Name
P.O. Box 831, Huntley, IL 60142
Contractor's Address
2. The plans for the proposed work are those prepared by Robinson Engineering. Ltd.
and approved by the Department of Transportation on _____
3. The specifications referred to herein are those prepared by the Department of Transportation and designated as "Standard Specifications for Road and Bridge Construction" and the "Supplemental Specifications and Recurring Special Provisions" thereto, adopted and in effect on the date of invitation for bids.
4. The undersigned agrees to accept, as part of the contract, the applicable Special Provisions indicated on the "Check Sheet for Recurring Special Provisions" contained in this proposal.
5. The undersigned agrees to complete the work within _____ working days or by 11/01/22 unless additional time is granted in accordance with the specifications.
6. The successful bidder at the time of execution of the contract will _____ be required to deposit a contract bond for the full amount of the award. When a contract bond is not required, the proposal guaranty check will be held in lieu thereof. If this proposal is accepted and the undersigned fails to execute a contract and contract bond as required, it is hereby agreed that the Bid Bond of check shall be forfeited to the Awarding Authority.
7. Each pay item should have a unit price and a total price. If no total price is shown or if there is a discrepancy between the products of the unit price multiplied by the quantity, the unit price shall govern. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price. A bid may be declared unacceptable if neither a unit price nor a total price is shown.
8. The undersigned submits herewith the schedule of prices on BLR 12201 covering the work to be performed under this contract.
9. The undersigned further agrees that if awarded the contract for the sections contained in the combinations on BLR 12201, the work shall be in accordance with the requirements of each individual proposal for the multiple bid specified in the Schedule for Multiple Bids below.
10. A proposal guaranty in the proper amount, as specified in BLRS Special Provision for Bidding Requirements and Conditions for Contract Proposals, will be required. Bid Bonds will _____ be allowed as a proposal guaranty. Accompanying this proposal is either a bid bond, if allowed, on Department form BLR 12230 or a proposal guaranty check, complying with the specifications, made payable to: Village _____ Treasurer of Gilberts _____
The amount of the check is 5% of bid amount (_____).

Attach Cashier's Check or Certified Check Here

In the event that one proposal guaranty check is intended to cover two or more bid proposals, the amount must be equal to the sum of the proposal guaranties which would be required for each individual bid proposal. If the proposal guaranty check is placed in another bid proposal, state below where it may be found.

The proposal guaranty check will be found in the bid proposal for: Section Number _____ :

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Gilberts	Kane	22-00000-01-GM	Timber Trails Subdivision

CONTRACTOR CERTIFICATIONS

The certifications hereinafter made by the bidder are each a material representation of fact upon which reliance is placed should the Department enter into the contract with the bidder.

- Debt Delinquency.** The bidder or contractor or subcontractor, respectively, certifies that it is not delinquent in the payment of any tax administered by the Department of Revenue unless the individual or other entity is contesting, in accordance with the procedure established by the appropriate Revenue Act, its liability for the tax or the amount of the tax. Making a false statement voids the contract and allows the Department to recover all amounts paid to the individual or entity under the contract in a civil action.
- Bid-Rigging or Bid Rotating.** The bidder or contractor or subcontractor, respectively, certifies that it is not barred from contracting with the Department by reason of a violation of either 720 ILCS 5/33E-3 or 720 ILCS 5/33E-4.

A violation of section 33E-3 would be represented by a conviction of the crime of bid-rigging which, in addition to Class 3 felony sentencing, provides that any person convicted of this offense, or any similar offense of any state or the United States which contains the same elements as this offense shall be barred for 5 years from the date of conviction from contracting with any unit of State or local government. No corporation shall be barred from contracting with any unit of State or local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

A violation of Section 33E-4 would be represented by a conviction of the crime of bid-rotating which, in addition to Class 2 felony sentencing, provides that any person convicted of this offense or any similar offense of any state or the United States which contains the same elements as this offense shall be permanently barred from contracting with any unit of State of Local government. No corporation shall be barred from contracting with any unit of State or Local government as a result of a conviction under this Section of any employee or agent of such corporation if the employee so convicted is no longer employed by the corporation and: (1) it has been finally adjudicated not guilty or (2) if it demonstrates to the governmental entity with which it seeks to contract and that entity finds that the commission of the offense was neither authorized, requested, commanded, nor performed by a director, officer or a high managerial agent on behalf of the corporation.

- Bribery.** The bidder or contractor or subcontractor, respectively, certifies that, it has not been convicted of bribery or attempting to bribe an officer or employee of the State of Illinois or any unit of local government, nor has the firm made an admission of guilt of such conduct which is a matter of record, nor has an official, agent, or employee of the firm committed bribery or attempted bribery on behalf of the firm and pursuant to the direction or authorization of a responsible official of the firm.
- Interim Suspension or Suspension.** The bidder or contractor or subcontractor, respectively, certifies that it is not currently under a suspension as defined in Subpart I of Title 44 Subtitle A Chapter III Part 6 of the Illinois Administrative code. Furthermore, if suspended prior to completion of this work, the contract or contracts executed for the completion of this work may be canceled.

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Gilberts	Kane	22-00000-01-GM	Timber Trails Subdivision

SIGNATURES

(If an individual)

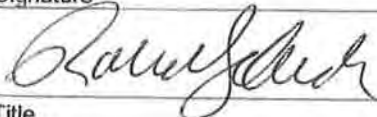
Signature of Bidder	Date	
Business Address		
City	State	Zip Code

(If a partnership)

Firm Name		
Signature	Date	
Title		
Business Address		
City	State	Zip Code

Insert the Names and Addresses of all Partners

(If a corporation)

Corporate Name		
Schroeder Asphalt Services, Inc.		
Signature	Date	
	1/13/2022	
Title		
President		
Business Address		
P.O. Box 831		
City	State	Zip Code
Huntley	IL	60142



Insert Names of Officers

President
Ronald Schroeder

Attest:

Grace A. Foss

Secretary

Secretary

Grace Foss

Treasurer

Ronald Schroeder



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, IL 62764

Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show NONE.

	1	2	3	4	Awards Pending	Accumulated Totals
Contract Number	Please see attached BC57					
Contract With						
Estimated Completion Date						
Total Contract Price						
Uncompleted Dollar Value if Firm is the Prime Contractor						
Uncompleted Dollar Value if Firm is the Subcontractor						
Total Value of All Work						

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show NONE.

Earthwork						
Portland Cement Concrete Paving						
HMA Plant Mix						
HMA Paving						
Clean & Seal Cracks/Joints						
Aggregate Bases, Surfaces						
Highway, R.R., Waterway Struc.						
Drainage						
Electrical						
Cover and Seal Coats						
Concrete Construction						
Landscaping						
Fencing						
Guardrail						
Painting						
Signing						
Cold Milling, Planning, Rotomilling						
Demolition						
Pavement Markings (Paint)						
Other Construction (List)						
Totals						

Disclosure of this information is REQUIRED to accomplish the statutory purpose as outlined in the "Illinois Procurement Code." Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others.

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	Awards Pending
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted					

Notary

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates.

Officer or Director

Title

Signature

Date

Company

Address

City

State

Zip Code

Subscribed and sworn to before me

this _____ day of _____, _____

(Signature of Notary Public)

My commission expires _____

(Notary Seal)

Add pages for additional contracts



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

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Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE**.

	1	2	3	4	5	
Contract Number	62K02	61F92	21-00111-00-RS	21-00000-00-GM	19-00206-11-CH	
Contract With	Alliance	Copenhaver	Westmont	Genoa	DuPage DOT	
Estimated Completion Date		2022	2022	2022	45 WD	
Total Contract Price	663,658.22	86,765.30	947,394.07	721,647.64	685,153.28	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor			21,674.47	608,104.95	346,021.34	975,800.76
Uncompleted Dollar Value if Firm is the Subcontractor	663,658.22	53,294.60				716,952.82
Total Value of All Work						1,692,753.58

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show **NONE**.

						Accumulated Totals
Earthwork				30,345.00		30,345.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix						0.00
HMA Paving	567,661.00	53,294.60		215,408.33	48,100.98	884,464.91
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	150.37			55,044.49	4,088.82	59,283.68
Highway, R.R. and Waterway Structures						0.00
Drainage						0.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping					8,200.00	8,200.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	80,846.85			63,777.75		144,624.60
Engineer Allowance						0.00
Pavement Markings (Paint)						0.00
Other Construction (List)						0.00
Traffic Control / Mobilization	15,000.00			36,000.00	35,960.00	86,960.00
Restoration				3,000.00		3,000.00
Totals	663,658.22	53,294.60	0.00	403,575.57	96,349.80	1,216,878.19

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code". Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	5
Subcontractor			Carbo Construction	Carbo Construction	Galaxy Underground
Type of Work			Concrete	Concrete	Sewer
Subcontract Price			167,975.10	160,776.20	22,745.00
Amount Uncompleted				81,759.53	
Subcontractor			Galaxy Underground	TruSeal	DiNatale Construction
Type of Work			Sewer	Thermoplastic	Concrete
Subcontract Price			9,375.00	7,764.55	99,352.50
Amount Uncompleted				7,764.55	20,000.00
Subcontractor			Road Fabrics	Reds Landscaping	Precision Pavement
Type of Work			SRCT	Landscaping	Thermo
Subcontract Price			14,179.00	36,000.00	9,000.00
Amount Uncompleted				36,000.00	
Subcontractor			Reds Landscaping	Ganziano Sewer	Home Towne Electric
Type of Work			Landscaping	Sewer	Electric
Subcontract Price			8,137.00	52,980.00	329,801.30
Amount Uncompleted				52,980.00	228,274.54
Subcontractor			H & H Electric	Bedrock Stabilization	Landmark Engineering
Type of Work			Detector Loop	Pavement Reclamation	Layout
Subcontract Price			7,569.00	26,025.30	12,715.00
Amount Uncompleted				26,025.30	
Subcontractor			Mark-It Striping		Reds Landscaping
Type of Work			Thermoplastic		Landscaping
Subcontract Price			21,674.47		13,970.00
Amount Uncompleted			21,674.47		1,397.00
Subcontractor			TBD		
Type of Work			Construction Layout		
Subcontract Price			7,500.00		
Amount Uncompleted					
Total Uncompleted	0.00	0.00	21,674.47	204,529.38	249,671.54

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this ____ day of _____, 20____.

Type or Print Name Grace A. Foss Secretary
Officer or Director Title

 Notary Public

Signed _____

My commission expires: _____

Company Schroeder Asphalt Services, Inc.

(Notary Seal)

Address P.O. Box 831
Huntley, IL 60142



Instructions: Complete this form by either typing or using black ink. "Authorization to Bid" will not be issued unless both sides of this form are completed in detail. Use additional forms as needed to list all work.

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE**.

	6	7	8	9	10	
Contract Number	N/A	22-00058-00-RS				
Contract With	Woodstock	Highwood				
Estimated Completion Date	11/12/21	30 WD				
Total Contract Price	1,737,090.55	460,919.92				Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	521,127.16	460,919.92				1,957,847.81
Uncompleted Dollar Value if Firm is the Subcontractor						716,952.82
Total Value of All Work						2,674,800.63

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show **NONE**.

						Accumulated Totals
Earthwork		23,180.00				53,525.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix						0.00
HMA Paving	372,855.00	128,338.75				1,385,658.66
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	87,522.57	51,652.17				198,458.42
Highway,R.R. and Waterway Structures						0.00
Drainage		5,000.00				5,000.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping	21,707.00					29,907.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	8,422.39	45,267.50				198,314.49
Demolition						0.00
Pavement Markings (Paint)						0.00
Other Construction (List), RR						0.00
Traffic Control/Mobilization	3,834.60	1,202.00				91,996.60
WM Permit bond, items directed-engineer						3,000.00
Totals	494,341.56	254,640.42	0.00	0.00	0.00	1,965,860.17

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Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	6	7	8	9	10
Subcontractor	Alliance Contractors	TBD			
Type of Work	Concrete	Concrete			
Subcontract Price	223,861.00	105,619.50			
Amount Uncompleted		105,619.50			
Subcontractor	Ganziano Sewer	TBD			
Type of Work	Sewer	Sewer			
Subcontract Price	451,211.00	57,315.00			
Amount Uncompleted	22,560.55	57,315.00			
Subcontractor	Polena Engineering	TBD			
Type of Work	Construction Layout	Construction Layout			
Subcontract Price	19,900.00	5,500.00			
Amount Uncompleted		5,500.00			
Subcontractor	Reds Landscaping	Reds Landscaping			
Type of Work	Landscaping	Landscaping			
Subcontract Price	1,020.00	15,345.00			
Amount Uncompleted	255.00	15,345.00			
Subcontractor	TruSeal	Superior Road Striping			
Type of Work	Paint Striping	Thermoplastic			
Subcontract Price	3,970.05	3,000.00			
Amount Uncompleted	3,970.05	3,000.00			
Subcontractor		Visu-Sewer			
Type of Work		CIPP			
Subcontract Price		19,500.00			
Amount Uncompleted		19,500.00			
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	26,785.60	206,279.50	0.00	0.00	0.00

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

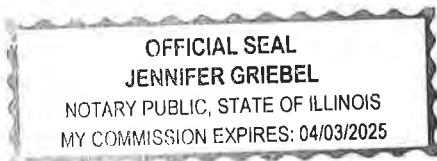
Subscribed and sworn to before me

this 13th day of January, 2022

Jennifer Griebel
Notary Public

My commission expires: 4/3/25

(Notary Seal)



Type or Print Name Grace A. Foss Secretary
Officer or Director Title

Signed Grace A. Foss

Company Schroeder Asphalt Services, Inc.

Address P.O. Box 831
Huntley, IL 60142



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

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	1	2	3	4	5	
Contract Number	62K02	61F92	21-00111-00-RS	21-00000-00-GM	19-00206-11-CH	
Contract With	Alliance	Copenhaver	Westmont	Genoa	DuPage DOT	
Estimated Completion Date		2022	2022	2022	45 WD	
Total Contract Price	663,658.22	86,765.30	947,394.07	721,647.64	685,153.28	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor			21,674.47	608,104.95	346,021.34	975,800.76
Uncompleted Dollar Value if Firm is the Subcontractor	663,658.22	53,294.60				716,952.82
Total Value of All Work						1,692,753.58

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

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						Accumulated Totals
Earthwork				30,345.00		30,345.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix						0.00
HMA Paving	567,661.00	53,294.60		215,408.33	48,100.98	884,464.91
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	150.37			55,044.49	4,088.82	59,283.68
Highway,R.R. and Waterway Structures						0.00
Drainage						0.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping					8,200.00	8,200.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	80,846.85			63,777.75		144,624.60
Engineer Allowance						0.00
Pavement Markings (Paint)						0.00
Other Construction (List)						0.00
Traffic Control / Mobilization	15,000.00			36,000.00	35,960.00	86,960.00
Restoration				3,000.00		3,000.00
Totals	663,658.22	53,294.60	0.00	403,575.57	96,349.80	1,216,878.19

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Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	5
Subcontractor			Carbo Construction	Carbo Construction	Galaxy Underground
Type of Work			Concrete	Concrete	Sewer
Subcontract Price			167,975.10	160,776.20	22,745.00
Amount Uncompleted				81,759.53	
Subcontractor			Galaxy Underground	TruSeal	DiNatale Construction
Type of Work			Sewer	Thermoplastic	Concrete
Subcontract Price			9,375.00	7,764.55	99,352.50
Amount Uncompleted				7,764.55	20,000.00
Subcontractor			Road Fabrics	Reds Landscaping	Precision Pavement
Type of Work			SRCT	Landscaping	Thermo
Subcontract Price			14,179.00	36,000.00	9,000.00
Amount Uncompleted				36,000.00	
Subcontractor			Reds Landscaping	Ganziano Sewer	Home Towne Electric
Type of Work			Landscaping	Sewer	Electric
Subcontract Price			8,137.00	52,980.00	329,801.30
Amount Uncompleted				52,980.00	228,274.54
Subcontractor			H & H Electric	Bedrock Stabilization	Landmark Engineering
Type of Work			Detector Loop	Pavement Reclamation	Layout
Subcontract Price			7,569.00	26,025.30	12,715.00
Amount Uncompleted				26,025.30	
Subcontractor			Mark-It Striping		Reds Landscaping
Type of Work			Thermoplastic		Landscaping
Subcontract Price			21,674.47		13,970.00
Amount Uncompleted			21,674.47		1,397.00
Subcontractor			TBD		
Type of Work			Construction Layout		
Subcontract Price			7,500.00		
Amount Uncompleted					
Total Uncompleted	0.00	0.00	21,674.47	204,529.38	249,671.54

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this ____ day of _____, 20____.

Type or Print Name Grace A. Foss Secretary
Officer or Director Title

 Notary Public

Signed _____

My commission expires: _____

Company Schroeder Asphalt Services, Inc.

(Notary Seal)

Address P.O. Box 831
Huntley, IL 60142



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

Instructions: Complete this form by either typing or using black ink.
"Authorization to Bid" will not be issued unless both sides of this form are
completed in detail Use additional forms as needed to list all work

Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE**.

	6	7	8	9	10	
Contract Number	N/A	22-00058-00-RS				
Contract With	Woodstock	Highwood				
Estimated Completion Date	11/12/21	30 WD				
Total Contract Price	1,737,090.55	460,919.92				Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor	521,127.16	460,919.92				1,957,847.81
Uncompleted Dollar Value if Firm is the Subcontractor						716,952.82
Total Value of All Work						2,674,800.63

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

List below the uncompleted dollar value of work for each contract and awards pending to be completed with your own forces. All work subcontracted to others will be listed on the reverse of this form. In a joint venture, list only that portion of the work to be done by your company. If no work is contracted, show **NONE**.

						Accumulated Totals
Earthwork		23,180.00				53,525.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix						0.00
HMA Paving	372,855.00	128,338.75				1,385,658.66
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	87,522.57	51,652.17				198,458.42
Highway,R.R. and Waterway Structures						0.00
Drainage		5,000.00				5,000.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping	21,707.00					29,907.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	8,422.39	45,267.50				198,314.49
Demolition						0.00
Pavement Markings (Paint)						0.00
Other Construction (List), RR						0.00
Traffic Control/Mobilization	3,834.60	1,202.00				91,996.60
WM Permit bond, items directed-engineer						3,000.00
Totals	494,341.56	254,640.42	0.00	0.00	0.00	1,965,860.17

Disclosure of this information is **REQUIRED** to accomplish the statutory purpose as outlined in the "Illinois Procurement Code". Failure to comply will result in non-issuance of an "Authorization To Bid." This form has been approved by the State Forms Management Center.

Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	6	7	8	9	10
Subcontractor	Alliance Contractors	TBD			
Type of Work	Concrete	Concrete			
Subcontract Price	223,861.00	105,619.50			
Amount Uncompleted		105,619.50			
Subcontractor	Ganziano Sewer	TBD			
Type of Work	Sewer	Sewer			
Subcontract Price	451,211.00	57,315.00			
Amount Uncompleted	22,560.55	57,315.00			
Subcontractor	Polena Engineering	TBD			
Type of Work	Construction Layout	Construction Layout			
Subcontract Price	19,900.00	5,500.00			
Amount Uncompleted		5,500.00			
Subcontractor	Reds Landscaping	Reds Landscaping			
Type of Work	Landscaping	Landscaping			
Subcontract Price	1,020.00	15,345.00			
Amount Uncompleted	255.00	15,345.00			
Subcontractor	TruSeal	Superior Road Striping			
Type of Work	Paint Striping	Thermoplastic			
Subcontract Price	3,970.05	3,000.00			
Amount Uncompleted	3,970.05	3,000.00			
Subcontractor		Visu-Sewer			
Type of Work		CIPP			
Subcontract Price		19,500.00			
Amount Uncompleted		19,500.00			
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	26,785.60	206,279.50	0.00	0.00	0.00

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this 13th day of January, 2022

Jennifer Griebel
Notary Public

My commission expires: 4/3/25

(Notary Seal)



Type or Print Name Grace A. Foss Secretary
Officer or Director Title

Signed Grace A. Foss

Company Schroeder Asphalt Services, Inc.

Address P.O. Box 831
Huntley, IL 60142



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

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Part I. Work Under Contract

List below all work you have under contract as either a prime contractor or a subcontractor. It is required to include all pending low bids not yet awarded or rejected. In a joint venture, list only that portion of the work which is the responsibility of your company. The uncompleted dollar value is to be based upon the most recent engineer's or owners estimate, and must include work subcontracted to others. If no work is contracted, show **NONE**.

	1	2	3	4	5	
Contract Number	62K02	61F92	21-00111-00-RS	21-00000-00-GM	19-00206-11-CH	
Contract With	Alliance	Copenhaver	Westmont	Genoa	DuPage DOT	
Estimated Completion Date		2022	2022	2022	45 WD	
Total Contract Price	663,658.22	86,765.30	947,394.07	721,647.64	685,153.28	Accumulated Totals
Uncompleted Dollar Value if Firm is the Prime Contractor			21,674.47	608,104.95	346,021.34	975,800.76
Uncompleted Dollar Value if Firm is the Subcontractor	663,658.22	53,294.60				716,952.82
	Total Value of All Work					1,692,753.58

Part II. Awards Pending and Uncompleted Work to be done with your own forces.

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						Accumulated Totals
Earthwork				30,345.00		30,345.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix						0.00
HMA Paving	567,661.00	53,294.60		215,408.33	48,100.98	884,464.91
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	150.37			55,044.49	4,088.82	59,283.68
Highway,R.R. and Waterway Structures						0.00
Drainage						0.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping					8,200.00	8,200.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	80,846.85			63,777.75		144,624.60
Engineer Allowance						0.00
Pavement Markings (Paint)						0.00
Other Construction (List)						0.00
Traffic Control / Mobilization	15,000.00			36,000.00	35,960.00	86,960.00
Restoration				3,000.00		3,000.00
Totals	663,658.22	53,294.60	0.00	403,575.57	96,349.80	1,216,878.19

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Part III. Work Subcontracted to Others

For each contract described in Part I, list all the work you have subcontracted to others.

	1	2	3	4	5
Subcontractor			Carbo Construction	Carbo Construction	Galaxy Underground
Type of Work			Concrete	Concrete	Sewer
Subcontract Price			167,975.10	160,776.20	22,745.00
Amount Uncompleted				81,759.53	
Subcontractor			Galaxy Underground	TruSeal	DiNatale Construction
Type of Work			Sewer	Thermoplastic	Concrete
Subcontract Price			9,375.00	7,764.55	99,352.50
Amount Uncompleted				7,764.55	20,000.00
Subcontractor			Road Fabrics	Reds Landscaping	Precision Pavement
Type of Work			SRCT	Landscaping	Thermo
Subcontract Price			14,179.00	36,000.00	9,000.00
Amount Uncompleted				36,000.00	
Subcontractor			Reds Landscapng	Ganziano Sewer	Home Towne Electric
Type of Work			Landscaping	Sewer	Electric
Subcontract Price			8,137.00	52,980.00	329,801.30
Amount Uncompleted				52,980.00	228,274.54
Subcontractor			H & H Electric	Bedrock Stabilization	Landmark Engineering
Type of Work			Detector Loop	Pavement Reclamation	Layout
Subcontract Price			7,569.00	26,025.30	12,715.00
Amount Uncompleted				26,025.30	
Subcontractor			Mark-It Striping		Reds Landscaping
Type of Work			Thermoplastic		Landscaping
Subcontract Price			21,674.47		13,970.00
Amount Uncompleted			21,674.47		1,397.00
Subcontractor			TBD		
Type of Work			Construction Layout		
Subcontract Price			7,500.00		
Amount Uncompleted					
Total Uncompleted	0.00	0.00	21,674.47	204,529.38	249,671.54

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this ____ day of _____, 20 ____.

Type or Print Name Grace A. Foss Secretary
Officer or Director Title

 Notary Public

Signed _____

My commission expires: _____

Company Schroeder Asphalt Services, Inc.

(Notary Seal)

Address P.O. Box 831
Huntley, IL 60142



Bureau of Construction
2300 South Dirksen Parkway/Room 322
Springfield, Illinois 62764

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Contract With	Woodstock	Highwood				
Estimated Completion Date	11/12/21	30 WD				
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Uncompleted Dollar Value if Firm is the Prime Contractor	521,127.16	460,919.92				1,957,847.81
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						Accumulated Totals
Earthwork		23,180.00				53,525.00
Portland Cement Concrete Paving						0.00
HMA Plant Mix						0.00
HMA Paving	372,855.00	128,338.75				1,385,658.66
Clean & Seal Cracks/Joints						0.00
Aggregate Bases & Surfaces	87,522.57	51,652.17				198,458.42
Highway, R.R. and Waterway Structures						0.00
Drainage		5,000.00				5,000.00
Electrical						0.00
Cover and Seal Coats						0.00
Concrete Construction						0.00
Landscaping	21,707.00					29,907.00
Fencing						0.00
Guardrail						0.00
Painting						0.00
Signing						0.00
Cold Milling, Planning & Rotomilling	8,422.39	45,267.50				198,314.49
Demolition						0.00
Pavement Markings (Paint)						0.00
Other Construction (List), RR						0.00
Traffic Control/Mobilization	3,834.60	1,202.00				91,996.60
WM Permit bond, items directed-engineer						3,000.00
Totals	494,341.56	254,640.42	0.00	0.00	0.00	1,965,860.17

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Type of Work	Concrete	Concrete			
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Amount Uncompleted		105,619.50			
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Type of Work	Sewer	Sewer			
Subcontract Price	451,211.00	57,315.00			
Amount Uncompleted	22,560.55	57,315.00			
Subcontractor	Polena Engineering	TBD			
Type of Work	Construction Layout	Construction Layout			
Subcontract Price	19,900.00	5,500.00			
Amount Uncompleted		5,500.00			
Subcontractor	Reds Landscaping	Reds Landscaping			
Type of Work	Landscaping	Landscaping			
Subcontract Price	1,020.00	15,345.00			
Amount Uncompleted	255.00	15,345.00			
Subcontractor	TruSeal	Superior Road Striping			
Type of Work	Paint Striping	Thermoplastic			
Subcontract Price	3,970.05	3,000.00			
Amount Uncompleted	3,970.05	3,000.00			
Subcontractor		Visu-Sewer			
Type of Work		CIPP			
Subcontract Price		19,500.00			
Amount Uncompleted		19,500.00			
Subcontractor					
Type of Work					
Subcontract Price					
Amount Uncompleted					
Total Uncompleted	26,785.60	206,279.50	0.00	0.00	0.00

I, being duly sworn, do hereby declare this affidavit is a true and correct statement relating to ALL uncompleted contracts of the undersigned for Federal, State, County, City and private work, including ALL subcontract work, ALL pending low bids not yet awarded or rejected and ALL estimated completion dates

Subscribed and sworn to before me

this 13th day of January, 2022

Jennifer Griebel
Notary Public

My commission expires: 4/3/25



Type or Print Name Grace A. Foss Secretary
Officer or Director Title

Signed Grace A. Foss

Company Schroeder Asphalt Services, Inc.
Address P.O. Box 831
Huntley, IL 60142



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Gilberts	Kane	Timber Trails Subdivision	22-00000-01-GM

All contractors are required to complete the following certification

- For this contract proposal or for all bidding groups in this deliver and install proposal.
 For the following deliver and install bidding groups in this material proposal.

Illinois Department of Transportation policy, adopted in accordance with the provisions of the Illinois Highway Code, requires this contract to be awarded to the lowest responsive and responsible bidder. The award decision is subject to approval by the Department. In addition to all other responsibility factors, this contract or deliver and install proposal requires all bidders and all bidder's subcontractors to disclose participation in apprenticeship or training programs that are (1) approved by and registered with the United States Department of Labor's Bureau of Apprenticeship and Training, and (2) applicable to the work of the above indicated proposals or groups. Therefore, all bidders are required to complete the following certification:

1. Except as provided in paragraph 4 below, the undersigned bidder certifies that it is a participant, either as an individual or as part of a group program, in an approved apprenticeship or training program applicable to each type of work or craft that the bidder will perform with its own employees.
2. The undersigned bidder further certifies, for work to be performed by subcontract, that each of its subcontractors either (A) is, at the time of such bid, participating in an approved, applicable apprenticeship or training program; or (B) will, prior to commencement of performance of work pursuant to this contract, establish participation in an approved apprenticeship or training program applicable to the work of the subcontract.
3. The undersigned bidder, by inclusion in the list in the space below, certifies the official name of each program sponsor holding the Certificate of Registration for all of the types of work or crafts in which the bidder is a participant and that will be performed with the bidder's employees. Types of work or craft that will be subcontracted shall be included and listed as subcontract work. The list shall also indicate any type of work or craft job category for which there is no applicable apprenticeship or training program available.

International Brotherhood of Teamsters. Joint Council No. 25 Training Fund.
 Chicagoland Laborers' Training & Apprenticeship Program.
 Operating Engineers Local 150 Apprenticeship & Training Program.

4. Except for any work identified above, if any bidder or subcontractor shall perform all or part of the work of the contract or deliver and install proposal solely by individual owners, partners or members and not by employees to whom the payment of prevailing rates of wages would be required, check the following box, and identify the owner/operator workforces and positions of ownership.

The requirements of this certification and disclosure are a material part of the contract, and the contractor shall require this certification provision to be included in all approved subcontracts. The bidder is responsible for making a complete report and shall make certain that each type of work or craft job category that will be utilized on the project is accounted for and listed. The Department at any time before or afterward may require the production of a copy of each applicable Certificate of Registration issued by the United States Department of Labor evidencing such participation by the contractor and any or all of its subcontractors. In order to fulfill the participation requirement, it shall not be necessary that any applicable program sponsor be currently taking or that it will take applications for apprenticeship, training or employment during the performance of the work of this contract or deliver and install proposal.

Bidder	Signature	Date
Schroeder Asphalt Services, Inc.		1/13/22
Title		
Ronald Schroeder, President		
Address	City	State Zip Code
P.O. Box 831	Huntley	IL 60142



Affidavit of Illinois Business Office



Local Public Agency	County	Street Name/Road Name	Section Number
Village of Gilberts	Kane	Timber Trails Subdivision	22-00000-01-GM

I, Ronald Schroeder of Huntley, Illinois,
Name of Affiant City of Affiant State of Affiant
 being first duly sworn upon oath, state as follows:

1. That I am the President of Schroeder Asphalt Services, Inc.
Officer or Position Bidder
2. That I have personal knowledge of the facts herein stated.
3. That, if selected under the proposal described above, Schroeder Asphalt Services, Inc., will maintain a business office in the
Bidder
 State of Illinois, which will be located in McHenry County, Illinois.
County
4. That this business office will serve as the primary place of employment for any persons employed in the construction contemplated by this proposal.
5. That this Affidavit is given as a requirement of state law as provided in Section 30-22(8) of the Illinois Procurement Code.

Signature	Date
	1/13/2022
Print Name of Affiant	
Ronald Schroeder	

Notary Public

State of IL

County McHenry

Signed (or subscribed or attested) before me on 1/13/2022 by
(date)

Ronald Schroeder, authorized agent(s) of
(name/s of person/s)
Schroeder Asphalt Services, Inc.
Bidder



Signature of Notary Public

My commission expires 4/3/25



Contractor's Name

Schroeder Asphalt Services, Inc.

Contractor's Address

P.O. Box 831

City

Huntley

State

IL

Zip Code

60142

Local Public Agency

Village of Gilberts

County

Kane

Section Number

22-00000-01-GM

Route(s) (Street/Road Name)

Various

Schedule for Multiple Bids

Combination Letter	Section Included in Combinations	Total

Schedule for Single Bid

(For complete information covering these items, see plans and specifications.)

Item Number	Items	Unit	Quantity	Unit Price	Total
1	EARTH EXCAVATION	CU YD	100	15.00	1,500.00
2	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	100	1.00	100.00
3	POROUS GRANULAR EMBANKMENT	CU YD	100	1.00	100.00
4	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2,900	6.00	17,400.00
5	AGGREGATE BASE REPAIR	TON	500	1.00	500.00
6	BITUMINOUS MATERIALS (TACK COAT)	POUND	107,655	0.01	1,076.55
7	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	8,090	95.25	770,572.50
8	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	13,415	75.00	1,006,125.00
9	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	220	100.00	22,000.00
10	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	13,165	9.50	125,067.50
11	DETECTABLE WARNINGS	SQ FT	2,145	29.50	63,277.50
12	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	159,490	1.70	271,133.00
13	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1,960	9.10	17,836.00
14	SIDEWALK REMOVAL	SQ FT	13,165	1.05	13,823.25
15	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1,760	3.00	5,280.00
16	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	30	8.25	247.50
17	CLASS D PATCHES, 4 INCH	SQ YD	1,485	27.00	40,095.00

Local Public Agency	County	Section Number	Route(s) (Street/Road Name)
Village of Gilberts	Kane	22-00000-01-GM	Various

18	CLASS D PATCHES, 8 INCH	SQ YD	130	50.00	6,500.00
19	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	7,635	26.50	202,327.50
20	SEEDING (COMPLETE)	SQ YD	2,900	3.00	8,700.00
21	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 6"	SQ YD	1,740	45.00	78,300.00
22	DRAINAGE & UTILITY STRUCTURES TO BE ADJUSTED	EACH	136	345.00	46,920.00
23	CONCRETE RIBBON	FOOT	150	25.00	3,750.00
24	WATER SERVICE CONNECTION	L SUM	1	1,800.00	1,800.00
25	RELOCATE ELECTRIC SERVICE	L SUM	1	2,000.00	2,000.00
26	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	47,000.00	47,000.00
27	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	500.00	500.00
Bidder's Total Proposal					2,753,931.30

1. Each pay item should have a unit price and a total price.
2. If no total price is shown or if there is a discrepancy between the product of the unit price multiplied by the quantity, the unit price shall govern.
3. If a unit price is omitted, the total price will be divided by the quantity in order to establish a unit price.
4. A bid may be declared unacceptable if neither a unit price or total price is shown.



Certificate of Eligibility

Contractor No 5378

Schroeder Asphalt Services, Inc.
P. O. Box 831 HUNTLEY, IL 60142

WHO HAS FILED WITH THE DEPARTMENT AN APPLICATION FOR PREQUALIFICATION STATEMENT OF EXPERIENCE, EQUIPMENT AND FINANCIAL CONDITION IS HEREBY QUALIFIED TO BID AT ANY OF DEPARTMENT OF TRANSPORTATION LETTINGS IN THE CLASSES OF WORK AND WITHIN THE AMOUNT AND OTHER LIMITATIONS OF EACH CLASSIFICATION, AS LISTED BELOW, FOR SUCH PERIOD AS THE UNCOMPLETED WORK FROM ALL SOURCES DOES NOT EXCEED \$54,585,000.00

001	EARTHWORK	\$1,725,000
005	HMA PAVING	\$25,000,000 B
012	DRAINAGE	\$750,000
017	CONCRETE CONSTRUCTION	\$550,000
032	COLD MILL, PLAN. & ROTOMILL	\$5,500,000
08A	AGGREGATE BASES & SURF. (A)	\$2,500,000

THIS CERTIFICATE OF ELIGIBILITY IS VALID FROM 4/9/2021 TO 4/30/2022 INCLUSIVE, AND SUPERSEDES ANY CERTIFICATE PREVIOUSLY ISSUED, BUT IS SUBJECT TO REVISION OR REVOCATION, IF AND WHEN CHANGES IN THE FINANCIAL CONDITION OF THE CONTRACTING FIRM OR OTHER FACTS JUSTIFY SUCH REVISIONS OR REVOCATION. ISSUED AT SPRINGFIELD, ILLINOIS ON 4/9/2021.

B Restricted to 1200 tons in any 1 contract (Class I and/or BAM) or as specified by local agency

Jim Kell
Engineer of Construction



Municipal Expertise. Community Commitment.

Jairo Rodriguez
Direct Line: (815)-412-2725
Email: jrodriguez@reltd.com

January 5, 2022

Project 21-R0368

ADDENDUM NO. 1

TO: ALL BIDDERS ON THE FOLLOWING PROJECT

**PROJECT: VILLAGE OF GILBERTS
2022 MFT ROAD RESURFACING PROGRAM**

Addendum One shall consist of two (2) pages of text with revisions and clarifications to inquiries by Contractors and revised plan sheet 2 of 3.

The Contractor shall sign the below acknowledgement as proof of receipt of this Addendum and email a signed copy to the Village of Gilberts at agrosskopf@villageofgilberts.com along with attaching this Addendum No.1 into the Contractor's bid documents.

The Bid Documents for the above referenced project are hereby revised as follows:

Clarifications:

1. The Air Voids @ Ndes for Polymerized Hot-Mix Asphalt Binder Course, IL-4.75, N50, $\frac{3}{4}$ " shall be 3.5% @ 50 GYR.

Drawing Sheet 2 of 3:

1. The Hot-Mix Asphalt Mixture Requirements table has been revised to show the correct Air Voids @ Ndes for Polymerized Hot-Mix Asphalt Binder Course, IL-4.75, N50, $\frac{3}{4}$ ".

Sincerely,
ROBINSON ENGINEERING, LTD.

A handwritten signature in black ink that reads "Jairo Rodriguez". The signature is written in a cursive style.

Jairo Rodriguez
Project Engineer

/jr

R:\2020-2024\2021\21-R0368.GI_Bid and Contract Documents\Addendum 1\Addendum No. 1_1-5-2022.docx

Village of Gilberts

2022 MFT Road Resurfacing Program

Addendum One received and acknowledged and incorporated into proposal:

Grace A. Foss

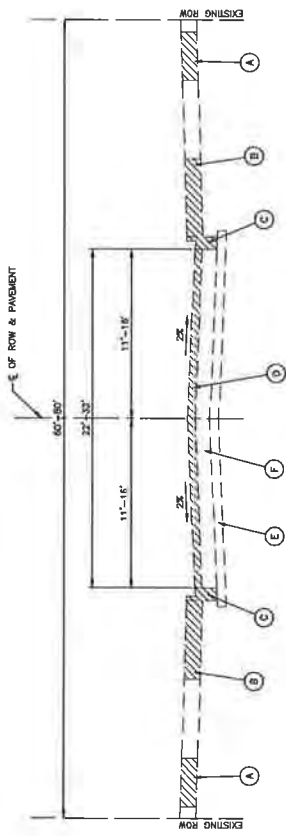
Signature

Grace Foss, Corporate Secretary

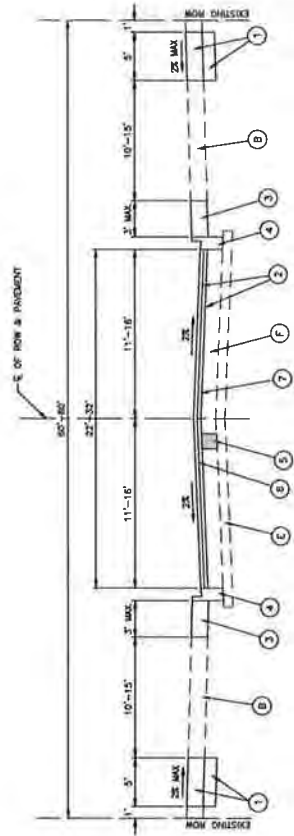
Print Your Name

Schroeder Asphalt Services, Inc.

Company Name



EXISTING TYPICAL SECTION



PROPOSED TYPICAL SECTION

- NOTES:
- 1 FINISHED HMA SURFACE TO BE 1" ABOVE CURB AT EDGE OF PAVEMENT.
 - 2 ALL PATCHING OPERATIONS SHALL TAKE PLACE AFTER SURFACE MILLING HAS BEEN COMPLETED.

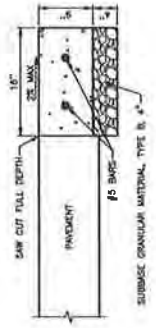
LEGEND

- | | | | |
|-----------|--|-----|--|
| (A) | EXISTING SIDEWALK | (1) | PORTLAND CEMENT CONCRETE SURFACE, 8" THICK |
| (B) | GRASS PARKWAY OR ASPHALT PARKWAY PAVEMENT OR PORTLAND CEMENT CONCRETE DRIVEWAY | (2) | BITUMINOUS MATERIALS (TACK COAT) |
| (C) | EXISTING COMBINATION CURB AND GUTTER OR REBAR CORE | (3) | RESTORATION PER EXISTING PARKWAY CONDITIONS (AS DIRECTED BY THE ENGINEER) |
| (D) | HOT-MIX ASPHALT SURFACE REMOVAL, 2" | (4) | PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5" INCH |
| (E) | EXISTING AGGREGATE SUBBASE | (5) | SEEDING, COMPLETE AND TOPSOIL FURNISH AND PLACE, 4" |
| (F) | EXISTING HOT-MIX ASPHALT TO REMAIN (AS DIRECTED BY THE ENGINEER) | (6) | COMBINATION CONCRETE CURB AND GUTTER OR CONCRETE REBORN, REPLACE IN KIND (AS DIRECTED BY THE ENGINEER) |
| (Hatched) | ITEM TO BE REMOVED (AS DIRECTED BY THE ENGINEER) | (7) | CLASS D PATCHES, 4" INCH OR 8" INCH (AS DIRECTED BY THE ENGINEER) |

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

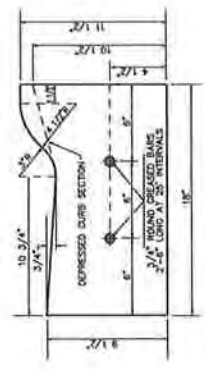
MIXTURE TYPE	AIR VOIDS	Ndes
RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, MK "D", NSO (IL-9.5 mm), 1-1/2"	4% ± 50 GTR	
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, NSO, 3/4"	3.5% ± 50 GTR	
DRIVEWAYS		
HOT-MIX ASPHALT SURFACE COURSE, MK "D", NSO (IL-9.5mm), 2"	4% ± 50 GTR	
PATCHING		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, NSO, 4"	4% ± 50 GTR	
CLASS D PATCHES (HMA BINDER IL-19mm), 4" OR 8"	4% ± 70 GTR	

NOTE: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR HMA FULL-DEPTH "AC-TYPE" SEE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.



NOTE: CONCRETE RIBBON TO BE CONSTRUCTED AT LOCATIONS AS DIRECTED BY THE ENGINEER

CONCRETE RIBBON (NOT TO SCALE)



NOTE: FORM SIZES TO BE USED 2"x10" IN FRONT AND 2"x12" IN BACK. ANY UNDERCUT BENEATH THE CURB SHALL BE BROUGHT UP TO GRADE WITH AN UNDERCUT SUBGRADE. THE DIST OF WHICH SHALL BE BARGE OF THE CONTRACTOR.

TYPE M CURB AND GUTTER DETAIL

Grace Foss

From: Grace Foss
Sent: Wednesday, January 05, 2022 1:34 PM
To: Aaron Grosskopf
Subject: RE: Village of Gilberts Paving Bid
Attachments: Gilberts signed Addendum #1.pdf

Aaron,

Please find attached signed Addendum #1 for the Village of Gilberts. I will put the original in with the bid.

Thank you,

Grace Foss
Schroeder Asphalt Services, Inc.
P.O. Box 831
Huntley, IL 60142
815/923-4380
Fax: 815/923-4389
grace@schroederasphalt.com



From: Aaron Grosskopf <agrosskopf@villageofgilberts.com>
Sent: Wednesday, January 05, 2022 12:44 PM
To: Grace Foss <grace@schroederasphalt.com>
Subject: RE: Village of Gilberts Paving Bid

Good Afternoon,

Please see the attached Addendum. Please sign and return to me via email and include a copy in the sealed bid documents.

Thanks and have a great day.

-Aaron

From: Grace Foss <grace@schroederasphalt.com>
Sent: Tuesday, January 4, 2022 8:13 AM
To: Aaron Grosskopf <agrosskopf@villageofgilberts.com>
Subject: RE: Village of Gilberts Paving Bid

Grace Foss

From: Aaron Grosskopf <agrosskopf@villageofgilberts.com>
To: Grace Foss
Sent: Wednesday, January 05, 2022 1:58 PM
Subject: Read: RE: Village of Gilberts Paving Bid

Your message

To: Aaron Grosskopf
Subject: RE: Village of Gilberts Paving Bid
Sent: Wednesday, January 5, 2022 1:33:43 PM (UTC-06:00) Central Time (US & Canada)

was read on Wednesday, January 5, 2022 1:57:44 PM (UTC-06:00) Central Time (US & Canada).

Jairo Rodriguez
Direct Line: (815)-412-2725
Email: jrodriguez@reld.com

January 6, 2022

Project 21-R0368

ADDENDUM NO. 2

TO: ALL BIDDERS ON THE FOLLOWING PROJECT

**PROJECT: VILLAGE OF GILBERTS
2022 MFT ROAD RESURFACING PROGRAM**

Addendum Two shall consist of three (3) pages of text with revisions and clarifications to inquiries by Contractors and the revised BDE Special Provisions check sheet and the Special Provision for Local Quality Assurance/ Quality Management QC/QA.

The Contractor shall sign the below acknowledgement as proof of receipt of this Addendum and email a signed copy to the Village of Gilberts at agrosskopf@villageofgilberts.com along with attaching this Addendum No.2 into the Contractor's bid documents.

The Bid Documents for the above referenced project are hereby revised as follows:

Clarifications:

1. The driveway removal and replacement pay items are mainly intended for areas where the apron has settled behind the curb and a maximum of 3' will be removed and replaced. There may be locations where a full apron removal and replacement will be needed as directed by the Engineer in the field. The estimated number of full apron replacements is unknown.
2. A pavement cores report is available, and a copy can be requested by emailing the Village of Gilberts at agrosskopf@villageofgilberts.com.
3. Based on the pavement cores report, it is not anticipated that the existing aggregate base will be reached after the 2" mill is completed.
4. Aggregate Base Repair may be needed at locations where HMA patching is required as directed by the Engineer in the field.

Revisions:

1. The BDE Special Provisions check sheet has been revised and the box for Surface Testing of Pavements – IRI has been unchecked. The special provision for Surface Testing of Pavements – IRI (BDE) shall be removed from the Bid Documents.
2. The Special Provision for Local Quality Assurance/ Quality Management QC/QA has been revised to indicate the Density Verification Method which shall be Nuclear Density Gauge. The Special Provision for Local Quality Assurance/ Quality Management QC/QA shall be replaced with the revised copy in the Bid Documents.

Sincerely,
ROBINSON ENGINEERING, LTD.



Jairo Rodriguez
Project Engineer

/jr

R:\2020-2024\2021\21-R0368.GI\ Bid and Contract Documents\Addendum 2\Addendum No. 2_1-6-2022.docx

Village of Gilberts
2022 MFT Road Resurfacing Program
Addendum Two received and acknowledged and incorporated into proposal:

Grace A. Foss

Signature

Grace Foss, Corporate Secretary

Print Your Name

Schroeder Asphalt Services, Inc.

Company Name

BDE SPECIAL PROVISIONS
For the January 21, 2022 and March 11, 2022 Lettings

The following special provisions indicated by a "check mark" are applicable to this contract and will be included by the Project Coordination and Implementation Section of the BD&E. An * indicates a new or revised special provision for the letting.

File Name	#		Special Provision Title	Effective	Revised
*	80099	1	<input type="checkbox"/> Accessible Pedestrian Signals (APS)	April 1, 2003	Jan. 1, 2022
	80274	2	<input type="checkbox"/> Aggregate Subgrade Improvement	April 1, 2012	April 1, 2016
	80192	3	<input type="checkbox"/> Automated Flagger Assistance Device	Jan. 1, 2008	
	80173	4	<input type="checkbox"/> Bituminous Materials Cost Adjustments	Nov. 2, 2006	Aug. 1, 2017
*	80426	5	<input type="checkbox"/> Bituminous Surface Treatment with Fog Seal	Jan. 1, 2020	Jan. 1, 2022
	80436	6	<input type="checkbox"/> Blended Finely Divided Minerals	April 1, 2021	
	80241	7	<input type="checkbox"/> Bridge Demolition Debris	July 1, 2009	
	50261	8	<input type="checkbox"/> Building Removal-Case I (Non-Friable and Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	50481	9	<input type="checkbox"/> Building Removal-Case II (Non-Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	50491	10	<input type="checkbox"/> Building Removal-Case III (Friable Asbestos)	Sept. 1, 1990	April 1, 2010
	50531	11	<input type="checkbox"/> Building Removal-Case IV (No Asbestos)	Sept. 1, 1990	April 1, 2010
	80384	12	<input checked="" type="checkbox"/> Compensable Delay Costs	June 2, 2017	April 1, 2019
	80198	13	<input type="checkbox"/> Completion Date (via calendar days)	April 1, 2008	
	80199	14	<input type="checkbox"/> Completion Date (via calendar days) Plus Working Days	April 1, 2008	
	80293	15	<input type="checkbox"/> Concrete Box Culverts with Skews > 30 Degrees and Design Fills ≤ 5 Feet	April 1, 2012	July 1, 2016
	80311	16	<input type="checkbox"/> Concrete End Sections for Pipe Culverts	Jan. 1, 2013	April 1, 2016
	80261	17	<input checked="" type="checkbox"/> Construction Air Quality – Diesel Retrofit	June 1, 2010	Nov. 1, 2014
	80434	18	<input type="checkbox"/> Corrugated Plastic Pipe (Culvert and Storm Sewer)	Jan. 1, 2021	
	80029	19	<input type="checkbox"/> Disadvantaged Business Enterprise Participation	Sept. 1, 2000	March 2, 2019
	80229	20	<input type="checkbox"/> Fuel Cost Adjustment	April 1, 2009	Aug. 1, 2017
*	80433	21	<input type="checkbox"/> Green Preformed Thermoplastic Pavement Markings	Jan. 1, 2021	Jan. 1, 2022
*	80422	22	<input type="checkbox"/> High Tension Cable Median Barrier	Jan. 1, 2020	Jan. 1, 2022
*	80442	23	<input type="checkbox"/> Hot-Mix Asphalt – Start of Production	Jan. 1, 2022	
*	80438	24	<input type="checkbox"/> Illinois Works Apprenticeship Initiative – State Funded Contracts	June 2, 2021	Sept. 2, 2021
*	80411	25	<input type="checkbox"/> Luminaires, LED	April 1, 2019	Jan. 1, 2022
*	80045	26	<input type="checkbox"/> Material Transfer Device	June 15, 1999	Jan. 1, 2022
	80418	27	<input type="checkbox"/> Mechanically Stabilized Earth Retaining Walls	Nov. 1, 2019	Nov. 1, 2020
*	80441	28	<input checked="" type="checkbox"/> Performance Graded Asphalt Binder	Jan. 1, 2022	
	80430	29	<input checked="" type="checkbox"/> Portland Cement Concrete – Haul Time	July 1, 2020	
*	34261	30	<input type="checkbox"/> Railroad Protective Liability Insurance	Dec. 1, 1986	Jan. 1, 2022
	80395	31	<input type="checkbox"/> Sloped Metal End Section for Pipe Culverts	Jan. 1, 2018	
*	80340	32	<input type="checkbox"/> Speed Display Trailer	April 2, 2014	Jan. 1, 2022
*	80127	33	<input type="checkbox"/> Steel Cost Adjustment	April 2, 2004	Jan. 1, 2022
	80397	34	<input checked="" type="checkbox"/> Subcontractor and DBE Payment Reporting	April 2, 2018	
	80391	35	<input checked="" type="checkbox"/> Subcontractor Mobilization Payments	Nov. 2, 2017	April 1, 2019
	80437	36	<input type="checkbox"/> Submission of Payroll Records	April 1, 2021	
*	80435	37	<input type="checkbox"/> Surface Testing of Pavements – IRI	Jan. 1, 2021	Jan. 1, 2022
	80410	38	<input type="checkbox"/> Traffic Spotters	Jan. 1, 2019	
*	20338	39	<input type="checkbox"/> Training Special Provisions	Oct. 15, 1975	Sept. 2, 2021
	80318	40	<input type="checkbox"/> Traversable Pipe Grate for Concrete End Sections	Jan. 1, 2013	Jan. 1, 2018
*	80429	41	<input type="checkbox"/> Ultra-Thin Bonded Wearing Course	April 1, 2020	Jan. 1, 2022
	80439	42	<input checked="" type="checkbox"/> Vehicle and Equipment Warning Lights	Nov. 1, 2021	
	80440	43	<input type="checkbox"/> Waterproofing Membrane System	Nov. 1, 2021	
	80302	44	<input type="checkbox"/> Weekly DBE Trucking Reports	June 2, 2012	Nov. 1, 2021
	80427	45	<input checked="" type="checkbox"/> Work Zone Traffic Control Devices	Mar. 2, 2020	
	80071	46	<input type="checkbox"/> Working Days	Jan. 1, 2002	

The following special provisions are in the 2022 Standard Specifications and Recurring Special Provisions.

<u>File Name</u>	<u>Special Provision Title</u>	<u>New Location(s)</u>	<u>Effective</u>	<u>Revised</u>
80425	Cape Seal	Sections 405, 1003	Jan. 1, 2020	Jan. 1, 2021
80387	Contrast Preformed Plastic Pavement Marking	Articles 780.08, 1095.03	Nov. 1, 2017	
80402	Disposal Fees	Article 109.04(b)	Nov. 1, 2018	
80378	Dowel Bar Inserter	Articles 420.03, 420.05, 1103.20	Jan. 1, 2017	Jan. 1, 2018
80421	Electric Service Installation	Articles 804.04, 804.05	Jan. 1, 2020	
80415	Emulsified Asphalts	Article 1032.06	Aug. 1, 2019	
80423	Engineer's Field Office and Laboratory	Section 670	Jan. 1, 2020	
80417	Geotechnical Fabric for Pipe Underdrains and French Drains	Articles 1080.01(a), 1080.05	Nov. 1, 2019	
80420	Geotextile Retaining Walls	Article 1080.06(d)	Nov. 1, 2019	
80304	Grooving for Recessed Pavement Markings	Articles 780.05, 780.14, 780.15	Nov. 1, 2012	Nov. 1, 2020
80416	Hot-Mix Asphalt – Binder and Surface Course	Sections 406, 1003, 1004, 1030, 1101	July 2, 2019	Nov. 1, 2019
80398	Hot-Mix Asphalt – Longitudinal Joint Sealant	Sections 406, 1032	Aug. 1, 2018	Nov. 1, 2019
80406	Hot-Mix Asphalt – Mixture Design Verification and Production (Modified for I-FIT)	Sections 406, 1030	Jan. 1, 2019	Jan. 2, 2021
80347	Hot-Mix Asphalt – Pay for Performance Using Percent Within Limits – Jobsite Sampling	Sections 406, 1030	Nov. 1, 2014	July 2, 2019
80383	Hot-Mix Asphalt – Quality Control for Performance	Sections 406, 1030	April 1, 2017	July 2, 2019
80393	Manholes, Valve Vaults, and Flat Slab Tops	Articles 602.02, 1042.10	Jan. 1, 2018	Mar. 1, 2019
80424	Micro-Surfacing and Slurry Sealing	Sections 404, 1003	Jan. 1, 2020	Jan. 1, 2021
80428	Mobilization	Article 671.02	April 1, 2020	
80412	Obstruction Warning Luminaires, LED	Sections 801, 822, 1067	Aug. 1, 2019	
80359	Portland Cement Concrete Bridge Deck Curing	Articles 1020.13, 1022.03	April 1, 2015	Nov. 1, 2019
80431	Portland Cement Concrete Pavement Patching	Articles 701.17(e)(3)b, 1001.01(d), 1020.05(b)(5)	July 1, 2020	
80432	Portland Cement Concrete Pavement Placement	Article 420.07	July 1, 2020	
80300	Preformed Plastic Pavement Marking Type D - Inlaid	Articles 780.08, 1095.03	April 1, 2012	April 1, 2016
80157	Railroad Protective Liability Insurance (5 and 10)	Article 107.11	Jan. 1, 2006	
80306	Reclaimed Asphalt Pavement (RAP) and Reclaimed Asphalt Shingles (RAS)	Section 1031	Nov. 1, 2012	Jan. 2, 2021
80407	Removal and Disposal of Regulated Substances	Section 669	Jan. 1 2019	Jan. 1, 2020
80419	Silt Fence, Inlet Filters, Ground Stabilization and Riprap Filter Fabric	Articles 280.02, 280.04, 1080.02, 1080.03, 1081.15	Nov. 1, 2019	July 1, 2021
80408	Steel Plate Beam Guardrail Manufacturing	Article 1006.25	Jan. 1, 2019	
80413	Structural Timber	Article 1007.03	Aug. 1, 2019	
80298	Temporary Pavement Marking	Section 703, Article 1095.06	April 1, 2012	April 1, 2017
80409	Traffic Control Devices – Cones	Article 701.15(a), 1106.02(b)	Jan. 1, 2019	
80288	Warm Mix Asphalt	Sections 406, 1030, 1102	Jan. 1, 2012	April 1, 2016
80414	Wood Fence Sight Screen	Article 641.02	Aug. 1, 2019	April 1, 2020

The following special provisions require additional information from the designer. The additional information needs to be submitted as a separate document. The Project Coordination and Implementation section will then include the information in the applicable special provision.

- Bridge Demolition Debris
- Building Removal - Case I
- Building Removal – Case II
- Building Removal - Case III
- Building Removal-Case IV
- Completion Date
- Completion Date Plus Working Days
- DBE Participation
- Railroad Protective Liability Insurance
- Training Special Provisions
- Working Days

State of Illinois
DEPARTMENT OF TRANSPORTATION
Bureau of Local Roads & Streets
SPECIAL PROVISION
FOR
LOCAL QUALITY ASSURANCE/ QUALITY MANAGEMENT QC/QA
Effective: January 1, 2022

Replace the first five paragraphs of Article 1030.06 of the Standard Specifications with the following:

“1030.06 Quality Management Program. The Quality Management Program (QMP) will be Quality Control / Quality Assurance (QC/QA) according to the following.”

Delete Article 1030.06(d)(1) of the Standard Specifications.

Revise Article 1030.09(g)(3) of the Standard Specifications to read:

“(3) If core testing is the density verification method, the Contractor shall provide personnel and equipment to collect density verification cores for the Engineer. Core locations will be determined by the Engineer following the document “Hot-Mix Asphalt QC/QA Procedure for Determining Random Density Locations” at density verification intervals defined in Article 1030.09(b). After the Engineer identifies a density verification location and prior to opening to traffic, the Contractor shall cut a 4 in. (100 mm) diameter core. With the approval of the Engineer, the cores may be cut at a later time.”

Revise Article 1030.09(h)(2) of the Standard Specifications to read:

“(2) After final rolling and prior to paving subsequent lifts, the Engineer will identify the random density verification test locations. Cores or nuclear density gauge testing will be used for density verification. The method used for density verification will be as selected below.

Density Verification Method	
<input type="checkbox"/>	Cores
<input checked="" type="checkbox"/>	Nuclear Density Gauge (Correlated when paving \geq 3,000 tons per mixture)

Density verification test locations will be determined according to the document “Hot-Mix Asphalt QC/QA Procedure for Determining Random Density Locations”. The density testing interval for paving wider than or equal to 3 ft (1 m) will be 0.5 miles (800 m) for lift thicknesses of 3 in. (75 mm) or less and 0.2 miles (320 m) for lift thicknesses greater than 3 in. (75 mm). The density testing interval for paving less than 3 ft (1 m) wide will be 1 mile (1,600 m). If a day’s paving will be less than the prescribed density testing interval, the length of the day’s paving will be the interval for that day. The density testing interval for mixtures used for patching will be 50 patches with a minimum of one test per mixture per project.

If core testing is the density verification method, the Engineer will witness the Contractor coring, and secure and take possession of all density samples at the

density verification locations. The Engineer will test the cores collected by the Contractor for density according to Illinois Modified AASHTO T 166 or AASHTO T 275.

If nuclear density gauge testing is the density verification method, the Engineer will conduct nuclear density gauge tests. The Engineer will follow the density testing procedure detailed in the document "Illinois Modified ASTM D 2950, Standard Test Method for Density of Bituminous Concrete In-Place by Nuclear Method".

A density verification test will be the result of a single core or the average of the nuclear density tests at one location. The results of each density test must be within acceptable limits. The Engineer will promptly notify the Contractor of observed deficiencies."

Revise the seventh paragraph and all subsequent paragraphs in Section D. of the document "Hot-Mix Asphalt QC/QA Initial Daily Plant and Random Samples" to read:

"Mixtures shall be sampled from the truck at the plant by the Contractor following the same procedure used to collect QC mixture samples (Section A). This process will be witnessed by the Engineer who will take custody of the verification sample. Each sample bag with a verification mixture sample will be secured by the Engineer using a locking ID tag. Sample boxes containing the verification mixture sample will be sealed/taped by the Engineer using a security ID label."

Grace Foss

From: Grace Foss
Sent: Thursday, January 06, 2022 3:35 PM
To: Aaron Grosskopf
Subject: RE: Timber Trails Paving Project Addendum Two
Attachments: Gilberts Signed Addendum #2.pdf

Good Afternoon Aaron,

Please see attached signed Addendum #2 for the Village of Gilberts Timber Trails Paving Project. I will put the original in with our bid.

Thank you,

Grace Foss
Schroeder Asphalt Services, Inc.
P.O. Box 831
Huntley, IL 60142
815/923-4380
Fax: 815/923-4389
grace@schroederasphalt.com



From: Aaron Grosskopf <agrosskopf@villageofgilberts.com>
Sent: Thursday, January 06, 2022 2:45 PM
To: Grace Foss <grace@schroederasphalt.com>
Subject: Timber Trails Paving Project Addendum Two

Good Afternoon,

Please see attached addendum two. Please sign and return a copy to me via email and include in sealed bid submittal.

Thanks and have a great day!

Aaron Grosskopf
Director of Public Works
Village of Gilberts
73 Industrial Drive Gilberts, IL 60136
agrosskopf@villageofgilberts.com
(847) 428-7057

Grace Foss

From: Aaron Grosskopf <agrosskopf@villageofgilberts.com>
To: Grace Foss
Sent: Friday, January 07, 2022 7:35 AM
Subject: Read: Timber Trails Paving Project Addendum Two

Your message

To: Aaron Grosskopf
Subject: RE: Timber Trails Paving Project Addendum Two
Sent: Thursday, January 6, 2022 3:34:37 PM (UTC-06:00) Central Time (US & Canada)

was read on Thursday, January 6, 2022 3:35:49 PM (UTC-06:00) Central Time (US & Canada).



Local Public Agency
Proposal Bid Bond



Local Public Agency: Village of Gilberts; County: Kane; Section Number: 22-00000-01-GM

WE, Schroeder Asphalt Services, inc. as PRINCIPAL, and Hudson Insurance Company as SURETY, are held jointly,

severally and firmly bound unto the above Local Public Agency (hereafter referred to as "LPA") in the penal sum of 5% of the total bid price, or for the amount specified in the proposal documents in effect on the date of invitation for bids, whichever is the lesser sum.

WHEREAS THE CONDITION OF THE FOREGOING OBLIGATION IS SUCH that, the said PRINCIPAL is submitting a written proposal to the LPA acting through its awarding authority for the construction of the work designated as the above section.

THEREFORE if the proposal is accepted and a contract awarded to the PRINCIPAL by the LPA for the above designated section and the PRINCIPAL shall within fifteen (15) days after award enter into a formal contract, furnish surety guaranteeing the faithful performance of the work, and furnish evidence of the required insurance coverage, all as provided in the "Standard Specifications for Road and Bridge Construction" and applicable Supplemental Specifications, then this obligation shall become void; otherwise it shall remain in full force and effect.

IN THE EVENT the LPA determines the PRINCIPAL has failed to enter into a formal contract in compliance with any requirements set forth in the preceding paragraph, then the LPA acting through its awarding authority shall immediately be entitled to recover the full penal sum set out above, together with all court costs, all attorney fees, and any other expense of recovery.

IN TESTIMONY WHEREOF, the said PRINCIPAL and the said SURETY have caused this instrument to be signed by their respective officers this 13th of January, 2022



Principal signature block: Schroeder Asphalt Services, inc., signed by Ronald Schroeder, President, dated 1/13/2022

Surety signature block: Empty signature and date fields

(If Principal is a joint venture of two or more contractors, the company names, and authorized signatures of each contractor must be affixed.)

Surety name: Hudson Insurance Company

Surety signature block: Signed by James I. Moore, dated 1/13/2022



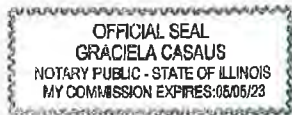
STATE OF IL
COUNTY OF DuPage
Graciela Casaus

Ronald Schroeder and James I. Moore, a Notary Public in and for said county do hereby certify that

who are each personally known to me to be the same persons whose names are subscribed to the foregoing instrument on behalf of PRINCIPAL and SURETY, appeared before me this day in person and acknowledged respectively, that they signed and delivered said instruments as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 13th day of January, 2022

(SEAL)



Notary Public Signature: Graciela Casaus, Date commission expires 05/05/2023

Local Public Agency

County

Section Number

Village of Gilberts

Kane

22-00000-01-GM

ELECTRONIC BID BOND

Electronic bid bond is allowed (box must be checked by LPA if electronic bid bond is allowed)

The Principal may submit an electronic bid bond, in lieu of completing the above section of the Proposal Bid Bond Form. By providing an electronic bid bond ID code and signing below, the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the LPA under the conditions of the bid bond as shown above. (If PRINCIPAL is a joint venture of two or more contractors, an electronic bid bond ID code, company/Bidder name title and date must be affixed for each contractor in the venture.)

Electronic Bid Bond ID Code

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Company/Bidder Name

--

Signature

Date

--

--

Title

--

Bond No Bid Bond



POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS: That HUDSON INSURANCE COMPANY, a corporation of the State of Delaware, with offices at 100 William Street, New York, New York, 10038, has made, constituted and appointed, and by these presents, does make, constitute and appoint

James I. Moore of the State of IL

its true and lawful Attorney(s)-in-Fact, at New York, New York, each of them alone to have full power to act without the other or others, to make, execute and deliver on its behalf, as Surety, bonds and undertakings given for any and all purposes, also to execute and deliver on its behalf as aforesaid renewals, extensions, agreements, waivers, consents or stipulations relating to such bonds or undertakings provided, however, that no single bond or undertaking shall obligate said Company for any portion of the penal sum thereof in excess of the sum of Ten Million Dollars (\$10,000,000.00).

Such bonds and undertakings when duly executed by said Attorney(s)-in-Fact, shall be binding upon said Company as fully and to the same extent as if signed by the President of said Company under its corporate seal attested by its Secretary.

In Witness Whereof, HUDSON INSURANCE COMPANY has caused these presents to be of its Senior Vice President thereunto duly attested on this 14th day of December, 20 17 at New York, New York.



Dina Daskalakis

Attest: Dina Daskalakis Corporate Secretary

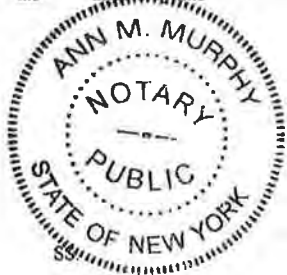
HUDSON INSURANCE COMPANY

By: Michael P. Cifone Senior Vice President

STATE OF NEW YORK COUNTY OF NEW YORK SS.

On the 14th day of December, 20 17 before me personally came Michael P. Cifone to me known, who being by me duly sworn did depose and say that he is a Senior Vice President of HUDSON INSURANCE COMPANY, the corporation described herein and which executed the above instrument, that he knows the seal of said Corporation, that the seal affixed to said instrument is such corporate seal, that it was so affixed by order of the Board of Directors of said Corporation, and that he signed his name thereto, by like order.

(Notarial Seal)



ANN M. MURPHY Notary Public, State of New York No. 01MU6067553 Qualified in Nassau County Commission Expires December 10, 2021

CERTIFICATION

STATE OF NEW YORK COUNTY OF NEW YORK

The undersigned Dina Daskalakis hereby certifies:

That the original resolution, of which the following is a true and correct copy, was duly adopted by unanimous written consent of the Board of Directors of Hudson Insurance Company dated July 27th, 2007, and has not since been revoked, amended or modified:

"RESOLVED, that the President, the Executive Vice Presidents, the Senior Vice Presidents and the Vice Presidents shall have the authority and discretion, to appoint such agent or agents, or attorney or attorneys-in-fact, for the purpose of carrying on this Company's surety business, and to empower such agent or agents, or attorney or attorneys-in-fact, to execute and deliver, under this Company's seal or otherwise, bonds obligations, and recognizances, whether made by this Company as surety thereon or otherwise, indemnity contracts, contracts and certificates, and any and all other contracts and undertakings made in the course of this Company's surety business, and renewals, extensions, agreements, waivers, consents or stipulations regarding undertakings so made; and

FURTHER RESOVLED, that the signature of any such Officer of the Company and the Company's seal may be affixed by facsimile to any power of attorney or certification given for the execution of any bond, undertaking, recognizance, contract of indemnity or other written obligation in the nature thereof or related thereto, such signature and seal when so used whether heretofore or hereafter, being hereby adopted by the Company as the original signature of such officer and the original seal of the Company, to be valid and binding upon the Company with the same force and effect as though manually affixed."

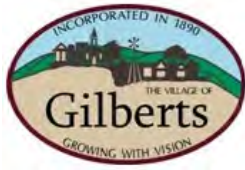
THAT the above and foregoing is a full, true and correct copy of Power of Attorney issued by said Company, and of the whole of the original and that the said Power of Attorney is still in full force and effect and has not been revoked, and furthermore that the Resolution of the Board of Directors, set forth in the said Power of Attorney is now in force.

Witness the hand of the undersigned and the seal of said Corporation this 13th day of January, 2022.

(Corporate seal)



By: Dina Daskalakis Secretary



Village of Gilberts

Village Hall
87 Galligan Road, Gilberts, Illinois 60136
Ph. 847-428-2861 Fax: 847-428-2955
www.villageofgilberts.com

To: President Zambetti & Board of Trustees

From: Brian Bourdeau, Village Administrator
Taunya Fischer, Finance Director

Date: February 1, 2022 Board Meeting

Re: Item 4.E: Amending Ordinance No. 01-2022 Approving and Authorizing the Execution of a Refinancing Loan for the Village-Owned Property at 73 Industrial Drive with Union National Bank

Background:

The Village has had a loan with Union National Bank for the Public Works building located at 73 Industrial Drive since its initial purchase in 2007. Each prior loan had been for a period of five years. In an effort to ensure the Village keeps the low 3.25% rate and same monthly payment, Union National Bank extended the most recent loan to seven years and four months. However, the ordinance that was approved on January 18, 2022 had a timeframe of five years. To correct this scrivener's error and ensure our ordinance matches the bank's paperwork, a corrected ordinance will need to be approved. The payment of \$3,510.54 per month will remain the same with a portion going to principal and a portion going to interest. The renewal loan timeframe will remain from January 2022 through May 2029 with a balloon payment of \$260,293.37 due at the end of the term. This balloon payment would be eligible for refinancing at that time or it could be paid off.

Conclusion:

Village Staff is seeking the Village Board to approve the updated ordinance with Union National Bank for the continued monthly payments to Union National Bank on the 73 Industrial Drive building.

VILLAGE OF GILBERTS

ORDINANCE 04-2022

AN ORDINANCE AMENDING ORDINANCE NO. 01-22 APPROVING AND AUTHORIZING THE EXECUTION OF A REFINANCING LOAN FOR THE VILLAGE-OWNED PROPERTY AT 73 INDUSTRIAL DRIVE WITH UNION NATIONAL BANK

WHEREAS, the Village of Gilberts previously purchased the property commonly known as 73 Industrial Drive, Gilberts, IL 60136 (PIN: 02-23-427-003); and

WHEREAS, the Village obtained financing for the purchase of the 73 Industrial Drive Property in the amount of \$773,912.00 to be amortized over 30 years with Union National Bank; and

WHEREAS, the current five-year financing term at 3.25% is now expiring; and

WHEREAS, on January 18, 2022, the Village Board of Trustees passed Ordinance No. 01-22 authorizing the execution of a refinancing loan for the Village's property at 73 Industrial Drive with Union National Bank; and

WHEREAS, Ordinance No.01-22 contained a scrivener's error listing the term of the refinancing loan at five years, while the proposed refinancing loan is for a term of seven years at a rate of 3.25%; and

WHEREAS, the Village Board of Trustees desires to amend Ordinance No. 01-22 to correct the scrivener's error regarding the term of the refinancing loan as set forth in this Ordinance.

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF GILBERTS, KANE COUNTY, ILLINOIS, as follows:

SECTION 1. RECITALS. The recitals set forth above are incorporated into Section 1 as set forth herein.

SECTION 2. AMENDMENT TO ORDINANCE NO. 01-22. Ordinance No. 01-22 is hereby amended by replacing Section 2, entitled "Authorization," in its entirety with the following:

"SECTION 2. AUTHORIZATION. The Village Board hereby approves the refinancing loan terms from Union National Bank and authorizes the Village President and necessary Village staff to execute a refinancing loan with Union National Bank for the remaining balance of \$475,823.72 for the next seven (7) years and four months at a rate of 3.25%, resulting in a monthly payment of \$3,510.54, and other such documents as are necessary to proceed with the refinancing."

SECTION 3. SEVERABILITY. In the event that any section, clause, provision, or part of this Ordinance shall be found and determined to be invalid by a court of competent jurisdiction, all valid parts that are severable from the invalid parts shall remain in full force and effect. If any part of this Ordinance is found to be invalid in any one or more of its several applications, all valid applications shall remain in effect.

SECTION 4. REPEAL AND SAVINGS CLAUSE. All ordinances or parts of ordinances in conflict herewith are hereby repealed; provided, however that nothing in this Ordinance shall affect any rights, actions, or causes of action which shall have accrued to the Village of Gilberts prior to the effective date of this Ordinance.

SECTION 5. EFFECTIVE DATE. This Ordinance shall only be effective upon the passage, approval, and publication in the manner required by law.

PASSED BY THE BOARD OF TRUSTEES this ____ day of _____, 2022 by roll call vote as follows:

	<u>Ayes</u>	<u>Nays</u>	<u>Absent</u>	<u>Abstain</u>
Trustee Jeanne Allen	_____	_____	_____	_____
Trustee Brandon Coats	_____	_____	_____	_____
Trustee Dan Corbett	_____	_____	_____	_____
Trustee Lou Hacker	_____	_____	_____	_____
Trustee David LeClerq	_____	_____	_____	_____
Trustee Justin Redfield	_____	_____	_____	_____
President Guy Zambetti	_____	_____	_____	_____

APPROVED THIS ____ DAY OF _____, 2022

Guy Zambetti, Village President

(SEAL)

ATTEST: _____
Courtney Baker, Village Clerk



Village of Gilberts

Village Hall
87 Galligan Road, Gilberts, Illinois 60136
Ph. 847-428-2861 Fax: 847-428-2955
www.villageofgilberts.com

To: President Zambetti and Board of Trustees
From: Brian Bourdeau, Village Administrator
Date: February 1, 2022 Village Board Meeting
Re: Item 6.A: Presentation and Discussion with an Illinois Tollway Representative Regarding Sound Walls Along a Portion of Interstate 90

Background:

On May 18, 2021 and June 15, 2021, respectively, the Village Board held presentation and discussion sessions regarding a sound barrier wall along Interstate 90 in the vicinity of the Dunhill Estates subdivision. A representative of the Illinois Tollway Authority attended the June 15, 2021 meeting to discuss the Tollway's analysis of the I-90 corridor as it relates to sound barrier walls as well as the Tollway's system-wide policy regarding the placement of sound walls.

By way of background, the Illinois Tollway Authority conducted an analysis of the I-90 corridor in 2012 between mile post 41.5 (U.S. Route 20) and mile post 53.8 (Elgin plaza). The study was in relation to the road widening proposed along the corridor. It evaluated existing and projected noise conditions, and, if appropriate, potential noise abatement options. The results of that study indicated the area in question did not meet the eligibility criteria for an Illinois Tollway funded and constructed wall. Following discussion with the Tollway at the June 15, 2021 meeting, the Tollway went back to the noise modeling study that was conducted in 2012 and refined several variables to determine if, under as-built conditions, the Tollways' policy for placement of a sound wall, funded by the Tollway, would be met. The variables modified were:

- A) As-built plans were used to include the constructed berm in the area¹; and
- B) The noise barrier was shifted further north off the Tollway Right-of-Way (ROW).²

The results of the Tollway's revised noise wall evaluation are included in a memorandum from Huff and Huff Inc., attached to this Board report. Based upon the revised evaluation, incorporating the above changed variables, the potential noise wall does not meet the criteria of the Tollway's adopted policy for the funding and placement of a wall by the Tollway. However, the Tollway has indicated a willingness to provide funding of up to \$646,000 toward Village financed and constructed noise wall. Such a potential noise wall would require:

- Placement of the wall on top of the constructed berm within the Village of Gilberts ROW;
- All maintenance, upkeep and/or future replacement of the wall would be the responsibility of the Village of Gilberts;

¹ The location of the proposed noise wall was therefore considered to be located on the top of the constructed berm.

² This results in consideration of a noise wall in Village of Gilberts ROW.

Pricing:

With a total of 21 homes, according to the Illinois Tollway study, being in the effective range of reducing noise levels at 5db, the average cost per home of the sound wall is \$54,395.00. This is offered as a point of comparison as one of the Tollway’s criteria is estimated cost per benefited receptor.

Please note that the Tollway is using the 5db range as the threshold due to the Federal Highway Administration (FHWA) only recognizing noise reduction past the 5db range. Additionally, the FHWA also recognizes noise walls are seldom effective beyond 200-300 feet³.

After the secondary memo and study from the Tollway, the Village utilized the specifications given for the wall and recognizing the existing berm to gain an insight on potential pricing. Village staff surveyed a cost-effective, Aluminum style wall that meets the criteria set forth by the Tollway in the attached memo. Below is a table summary of the pricing for the material and installation of the wall. Further, attached to the memo is additional detail about the noise barrier which is priced below. The pricing below reflects a 10% contingency addition as well as 5% for engineering costs. Please note, contingency amounts are best practice on larger scale construction projects and the percentages noted are accepted industry norms.

	SQFT	Per Unit Cost	Total
Material	30,100	\$ 18.00	\$541,800.00
Installation	30,100	\$ 15.00	\$451,500.00
Engineering		5%	\$49,665.00
Contingency		10%	\$99,330.00
Total			\$1,142,295.00
Tollway Contribution			\$646,000.00
<i>Estimated Balance Remaining – To be Funded by the Village</i>			\$496,295.00⁴

Please keep in mind that this pricing reflects a “perfect” installation with no bends, adjustments, soil problems and no other unexpected issues arise. The above costs also do not reflect any associated landscaping, if any, the Village may wish to do along the nearly 3,000-foot wall.

Conclusion:

This item is presented to the Board for further discussion and policy direction.

³ Source information regarding FHWA noise walls:
https://www.fhwa.dot.gov/environment/noise/noise_barriers/acceptance_criteria/analysis/analysis.pdf

⁴ Please note, this is a construction price only and does not include any regular ongoing maintenance costs. Such costs would be in addition to the noted price.



915 Harger Road, Suite 330
Oak Brook, IL 60523
Phone (630) 684-9100
Fax (630) 684-9120
Website: <http://huffnhuff.com>

MEMORANDUM

To: Bryan Wagner
Illinois State Toll Highway Authority (The Tollway)

From: Tim Kelly
Huff & Huff, Inc.

Re: I-90 Noise Wall Evaluation

Date: December 9, 2021

This memorandum summarizes the traffic noise abatement evaluation performed for the residential area of Interstate 90 (I-90) between Tyrell Road (IL 59) and Randall Road. This area was originally analyzed as part of the Traffic Noise Report completed for the add-lanes project in the area. An abatement alternative was analyzed in this location that utilizes the berm that was built during the add-lanes project construction.

1. INTRODUCTION

Residents in the neighborhoods adjacent to I-90 and near Tyrell Road have expressed concerns regarding the traffic noise associated with I-90. The residents have requested that noise abatement barriers be analyzed to determine if abatement could provide a noise reduction benefit in their areas. A previously-developed traffic noise model for the area representing proposed conditions was used by Huff & Huff, Inc. in this evaluation. This noise model was modified to shift the barrier off Tollway ROW and to utilize the constructed berm in the area. The analysis studied if any receptors would be benefited by a potential noise wall and if this noise wall would meet the Tollway's cost-effectiveness criterion.

2. ABATEMENT ANALYSIS METHODOLOGY

The original (base) traffic noise model was originally developed and provided to the Tollway by as part of the add-lanes project in the area. This model was developed using the FHWA Traffic Noise Model version 2.5 (TNM) noise modeling program. The following updates and modifications to the base traffic noise model include the following:

- As-built plans were used to include the constructed berm in the area.
- The noise barrier was shifted further north off of Tollway ROW.

As directed by the Tollway, the existing berm was considered as part of the proposed noise barrier when considering potential noise reductions, but the cost of the berm was not included in the noise barrier construction cost.

3. NOISE ABATEMENT EVALUATION

The noise barrier was studied at the top of the existing berm that is located off of Tollway ROW. The barrier was studied to determine the number of potential benefitted receptors. Benefitted receptors were studied at a 5 dB(A) threshold to comply with the Tollway’s definition of a benefitted receptor.

The residential neighborhood is directly north of I-90. A berm was constructed in this location as part of the constructed add-lanes project in the area. Since this berm was constructed using excess fill from the project, the Tollway considers the berm construction to have no associated cost from a noise cost-effectiveness standpoint. The noise reduction provided by the berm was considered when determining benefits. The results of this analysis is summarized in Table 1.

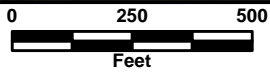
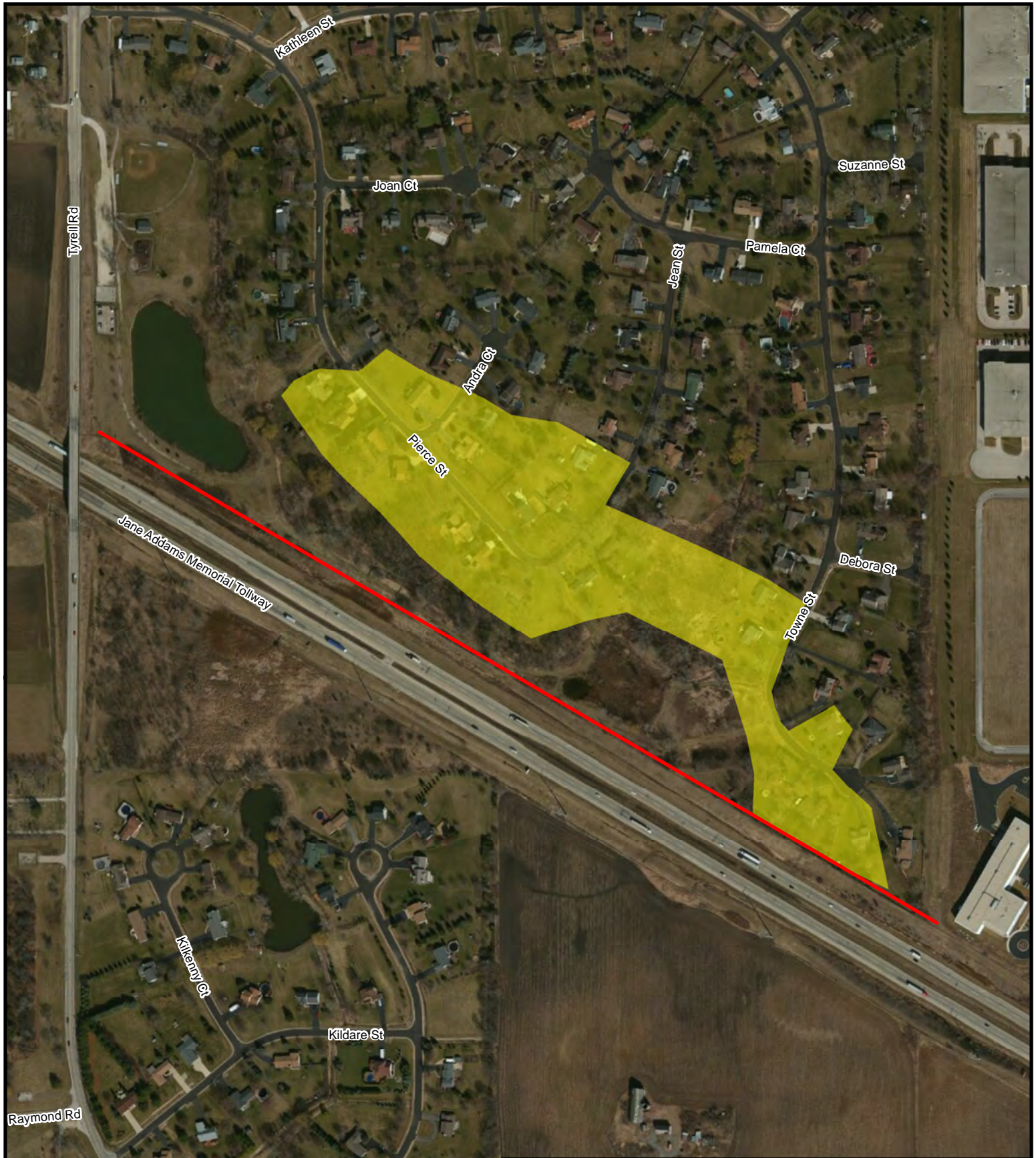
Table 1
COST-EFFECTIVENESS EVALUATION – OFF TOLLWAY ROW

Barrier	Length (feet)	Average Height (feet)*	Barrier Cost**	5 dB(A) Benefit			
				Benefitted Receptors	Allowable Cost	Cost per Benefitted Receptor	Adjusted Allowable Cost per Benefitted Receptor
B1	3,010	10	\$903,000	21	\$646,000	\$43,000	\$30,762



* Average height of the constructed noise wall on top of the existing berm. The total effective height of the noise berm/wall combination barrier is 18 feet.

**Based on a unit cost of \$30/square foot

This scenario resulted in a more efficient barrier than if the barrier were located along the ROW or if the berm were not present. The barrier still exceeds the Tollway allowable cost factor as the cost per benefitted receptor exceeds the adjusted allowable cost per benefitted receptor.



Aerial Source: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Legend	
	Potential Noise Barrier
	Noise Barrier Benefits

Huff & Huff, Inc.

Noise Barrier Analysis
Interstate Route 90
Gilberts, Illinois

NOISE ANALYSIS REPORT

ILLINOIS STATE TOLL HIGHWAY AUTHORITY
JANE ADDAMS MEMORIAL TOLLWAY
M.P. 41.5 (U.S. Route 20) to M.P. 53.8 (Elgin Plaza)

TOLLWAY RECONSTRUCTION AND WIDENING
CONTRACT I-11-5633
KANE COUNTY, ILLINOIS

September 2012

PREPARED FOR:



ILLINOIS STATE TOLL HIGHWAY AUTHORITY

PREPARED BY:



HUFF & HUFF, INC.

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APPENDIX A: TNM Input and Output File

1. INTRODUCTION

This traffic noise study has been coordinated by the Illinois State Toll Highway Authority (Tollway) to evaluate traffic noise along the Jane Addams Memorial Tollway (I-90). The noise study area, shown in Figure 1, is along I-90 between M.P. 41.5 (U.S. Route 20) to M.P. 53.8 (Elgin Plaza) in Kane County, Illinois. The proposed study will evaluate existing and projected noise conditions, and if appropriate, potential noise abatement options. The proposed project includes a reconstruction and add lane of I-90 as well as a reconfiguration of the US Route 20 and I-90 Interchange ramps.

Section 2 summarizes the federal and the Tollway noise regulations. This report contains a discussion of noise sensitive receptors (Section 3), noise monitoring methodology and results (Section 4), a description of the noise analysis methodology (Section 5), the analysis of the existing and future noise levels (Section 6), the noise abatement analysis (Section 7), and the noise analysis conclusion (Section 8).

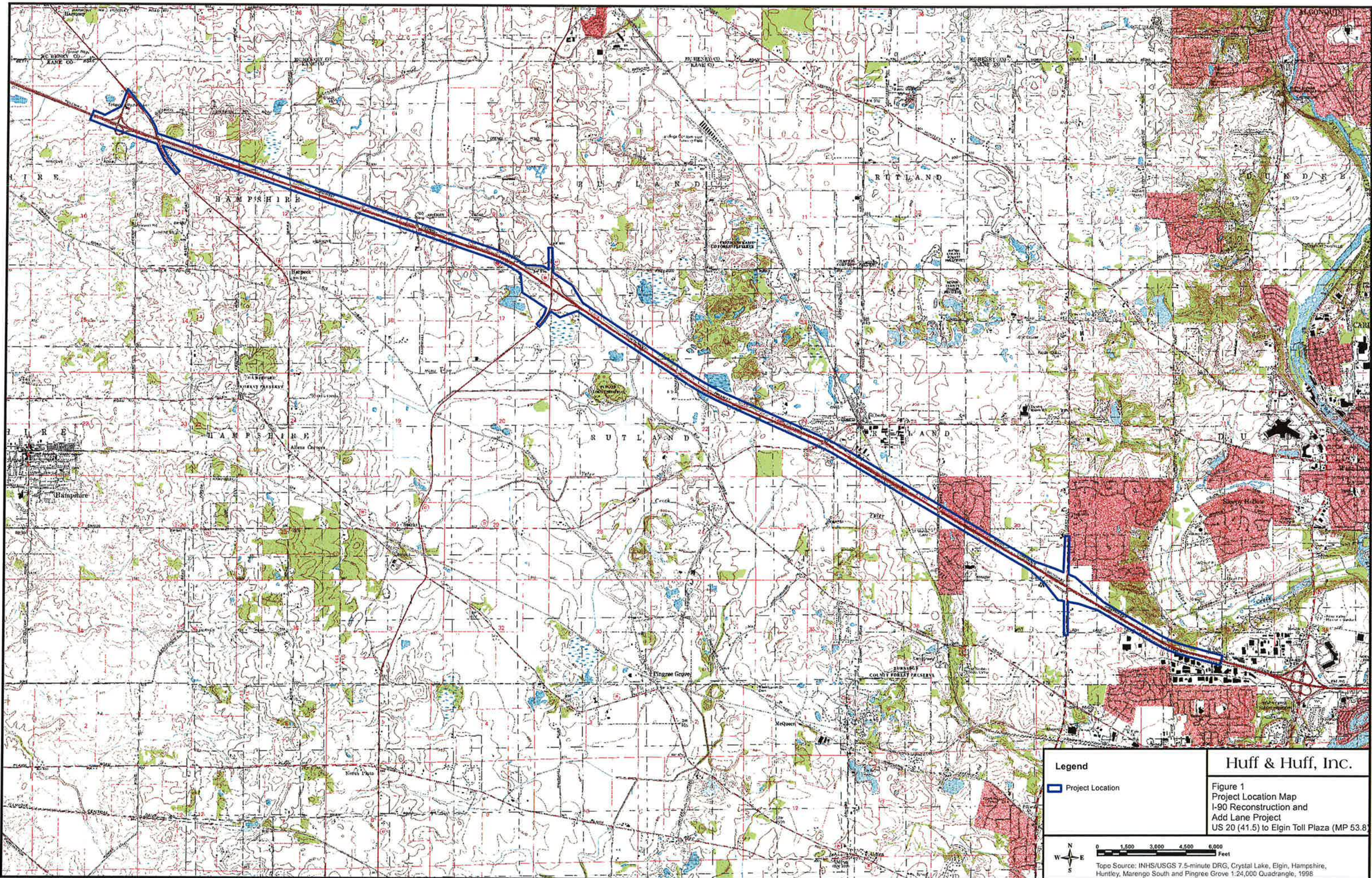
2. NOISE BACKGROUND AND REGULATIONS

2.1 Noise Background

Sound is caused by the vibration of air molecules, and is measured on a logarithmic scale using units of decibels (dB). Sound is composed of a wide range of frequencies; however, the human ear is not uniformly sensitive to all frequencies. Therefore, the "A" weighted scale was devised to correspond with the ear's sensitivity. The A-weighting generally weighs more heavily noise levels in the humanly audible range and screens out noise levels that cannot be heard but are still generated, such as a high frequency dog whistle. The A-weighted unit is used because:

- 1) it is easily measured,
- 2) it approximates the human ear's sensitivity to sounds of different frequencies,
- 3) it matches attitudinal surveys of noise annoyance better than other noise measurements, and
- 4) has been adopted as the basic unit of environmental noise by many agencies around the world in dealing with community noise issues.

The equivalent sound level is the steady-state, A-weighted sound level, which contains the same amount of acoustic energy as the actual time-varying, A-weighted sound level over a specified period of time. If the time period is one hour, the descriptor is the hourly equivalent sound level or $L_{eq}(h)$, which is widely used by state highway agencies as a descriptor of traffic noise. It is generally the equivalent level of sound (in decibels or dB(A)) which represents the level of sound, held constant over a specified period of time, which reflects the same amount of energy as the actual fluctuating noise over that time period. L_{eq} is based on the energy average, not a noise level average.



2.2 Federal Regulations

Traffic noise analyses are required for all projects considered a Type I project. The federal regulations define Type I projects as any of the following:

- The construction of a highway on new location,
- The physical alteration of an existing highway where there is either:
 - *Substantial Horizontal Alteration*. A project that halves the distance between the traffic noise source and the closest receptor between the existing condition to the future build condition or
 - *Substantial Vertical Alteration*. A project that removes shielding therefore, exposing the line-of-sight between the receptor and the traffic noise source. (This is done by either altering the vertical alignment of the highway or by altering the topography between the highway traffic noise source and the receptor.)
- The addition of a through-traffic lane(s). (This includes the addition of a through-traffic lane that functions as a HOV lane, High-Occupancy Toll (HOT) lane, bus lane, or truck climbing lane.)
- The addition of an auxiliary lane, except for when the auxiliary lane is a turn lane,
- The addition or relocation of interchange lanes or ramps added to a quadrant to complete an existing partial interchange,
- Restriping existing pavement for the purpose of adding a through-traffic lane or an auxiliary lane, or,
- The addition of a new or substantial alteration of a weigh station, rest stop, ride-share lot or toll plaza.

This proposed improvement to I-90 would be characterized as a Type I noise project as it includes the addition of through-traffic lanes.

The federal regulations establish noise abatement criteria to establish noise levels where noise abatement should be evaluated. Five separate noise abatement criteria (NAC) based upon land use are used by the FHWA to assess potential noise impacts. A traffic noise impact occurs when noise levels approach or exceed the NAC listed in Table 1.¹ In determining the applicable noise activity category for the study area, existing and proposed land use was reviewed. The applicable NAC for all residential noise receptors evaluated is 67 dB(A).

¹ Based on 23 Code of Federal Regulations Part 772, Procedures for Abatement of Highway Traffic Noise and Construction Noise (adopted 2010).

TABLE 1
NOISE ABATEMENT CRITERIA - HOURLY WEIGHTED SOUND LEVEL

Activity Category	L _{eq} (h)	Evaluation Location	Activity Description
A	57	Exterior	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B	67	Exterior	Residential.
C	67	Exterior	Active sport areas, amphitheaters, auditoriums, campgrounds, cemeteries, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreation areas, Section 4(f) sites, schools, television studios, trails and trail crossings.
D	52	Interior	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios.
E	72	Exterior	Hotels, motels, offices, restaurants/bars, and other developed lands, properties or activities not included in A-D or F.
F	---	---	Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities (water resources, water treatment, electrical), and warehousing.
G	---	---	Undeveloped lands that are not permitted.

2.3 The Tollway Noise Policy

The Tollway defines project eligibility for traffic noise studies as the following (Section 3.1 of the Tollway Traffic Noise Study and Abatement Policy):

- 3.1.1. When the Tollway undertakes engineering studies or projects that meet the definition of a Type I project, or project locations that meet two criteria: 1) the initial roadway construction did not consider the effect of traffic noise and 2) the traffic volumes have, or are projected to at least double from the initial construction.
- 3.1.2. When the adjacent land use consists of identified outdoor human activity that is identified within Activity Category A, B, C, D or E, detailed in Table 1. Also considered are locations where undeveloped adjacent properties have secured permits for construction of the above outdoor human activity land uses by the jurisdiction or municipality having permit and zoning authority prior to the Date of Public Knowledge.
- 3.1.3. When the location of noise sensitive receptors is within 500 feet from the proposed or existing edge of shoulder, as highway traffic noise impacts are not typical for receptors more than 500 feet from heavily traveled roadways.

3.1.4. The considerations for Type II projects are discussed in Section 6.0.

The I-90 project meets the Tollway's noise study eligibility criteria as it is a Type I project with noise sensitive receptors within 500 feet of the existing edge of pavement.

The Tollway defines noise impacts to occur at sensitive receptors when traffic noise levels approach or exceed the NAC, with 'approach' defined as 66 dB(A) for the residential NAC of 67 dB(A).² In the event that impacts are determined, the evaluation includes a feasible and reasonable analysis of noise abatement options. The feasibility evaluation consists of a noise reduction design goal to achieve between five dB(A) and eight dB(A) or more traffic noise reduction. Noise abatement is considered to be feasible if at least five (5) dB(A) is achieved. Other factors considered in feasibility include constructability, maintenance, safety, utilities, and drainage. Noise abatement is determined to be reasonable after considering the following factors: cost effectiveness, community desires, views of local officials, seasonal usage, land use stability, local controls, aesthetics, and other environmental issues.

² Illinois State Toll Highway Authority, Traffic Noise Study and Abatement Policy.

3. NOISE RECEPTOR SELECTION

The land use within the study limits consists of residences, a park, a health center, a recreational facility, agricultural land, and industrial use. Figure 2 depicts the existing land use map based on the available comprehensive land use plans and zoning maps. Based on the existing land use along the project corridor, receptor locations were selected to represent the land uses with established NAC. For this project, this includes 18 residential areas (land use activity category B), two parks, one recreational facility and a health center (land use activity category C). The remaining retail facilities, industrial facilities, and open land areas along the project corridor are characterized as land use activity category F or G, which do not have an established NAC.

The traffic noise study evaluates the study area using common noise environments (CNEs). A common noise environment is a group of receptors within the same activity category that are exposed to similar noise sources and levels. Within each of the CNEs, the closest receptor was selected to represent the CNE, thereby representing the worst-case traffic noise condition. The represented receptors within the CNEs will have similar traffic noise levels as the selected receptor.

Twenty-two receptors have been selected to represent the study area. Each receptor represents a CNE. Table 2 lists the receptor number, the receptor type, the land use category and associated NAC, the approximate distance to the I-90 existing edge of pavement (EOP), and the number of receptors represented. Figure 3 depicts the aerial photograph of the study area with the receptors and CNEs depicted. Receptor locations are between 110 feet and 500 feet from the I-90 existing EOP.

**TABLE 2
SUMMARY OF NOISE RECEPTORS**

Receptor	Type	Land Use Category / NAC	Distance from I-90 Existing EOP	Number of Represented Receptors
R1	SFR	B / 67	125	3
R2	SFR	B / 67	500	1
R3	SFR	B / 67	425	1
R4	Park	C / 67	430	1
R5	Health Center	C / 67	170*	1
R6	SFR	B / 67	365	4
R7	SFR	B / 67	180	17
R8	SFR	B / 67	300	28
R9	SFR	B / 67	330	21
R10	Park	C / 67	80**	1
R11	SFR	B / 67	145	3
R12	SFR	B / 67	135	17
R13	SFR	B / 67	110	13
R14	SFR	B / 67	225	4
R15	SFR	B / 67	190	1
R16	SFR	B / 67	360	59
R17	SFR	B / 67	240	1
R18	Recreational Facility	C / 67	345	1
R19	SFR	B / 67	350	9
R20	SFR	B / 67	245	5
R21	SFR	B / 67	420	10
R22	SFR	B / 67	280	10

* Randall Road

** County Highway 59

“SFR” = Single Family Residence(s)



Figure 2
Land Use Map
 I-90 Reconstruction and Add Lane Project
 US 20 (M.P. 41.5) to Elgin Toll Plaza (M.P. 53.8)

Activity Category

 B	 E	 G
 C	 F	



SOURCE: U.S. DEPARTMENT OF THE INTERIOR
 U.S. GEOLOGICAL SURVEY



Figure 2
Land Use Map
 I-90 Reconstruction and Add Lane Project
 US 20 (M.P. 41.5) to Elgin Toll Plaza (M.P. 53.8)

Activity Category

 B	 E	 G
 C	 F	



SOURCE: U.S. DEPARTMENT OF THE INTERIOR
 U.S. GEOLOGICAL SURVEY



Figure 2
Land Use Map
 I-90 Reconstruction and Add Lane Project
 US 20 (M.P. 41.5) to Elgin Toll Plaza (M.P. 53.8)

Activity Category

 B	 E	 G
 C	 F	



SOURCE: U.S. DEPARTMENT OF THE INTERIOR
 U.S. GEOLOGICAL SURVEY

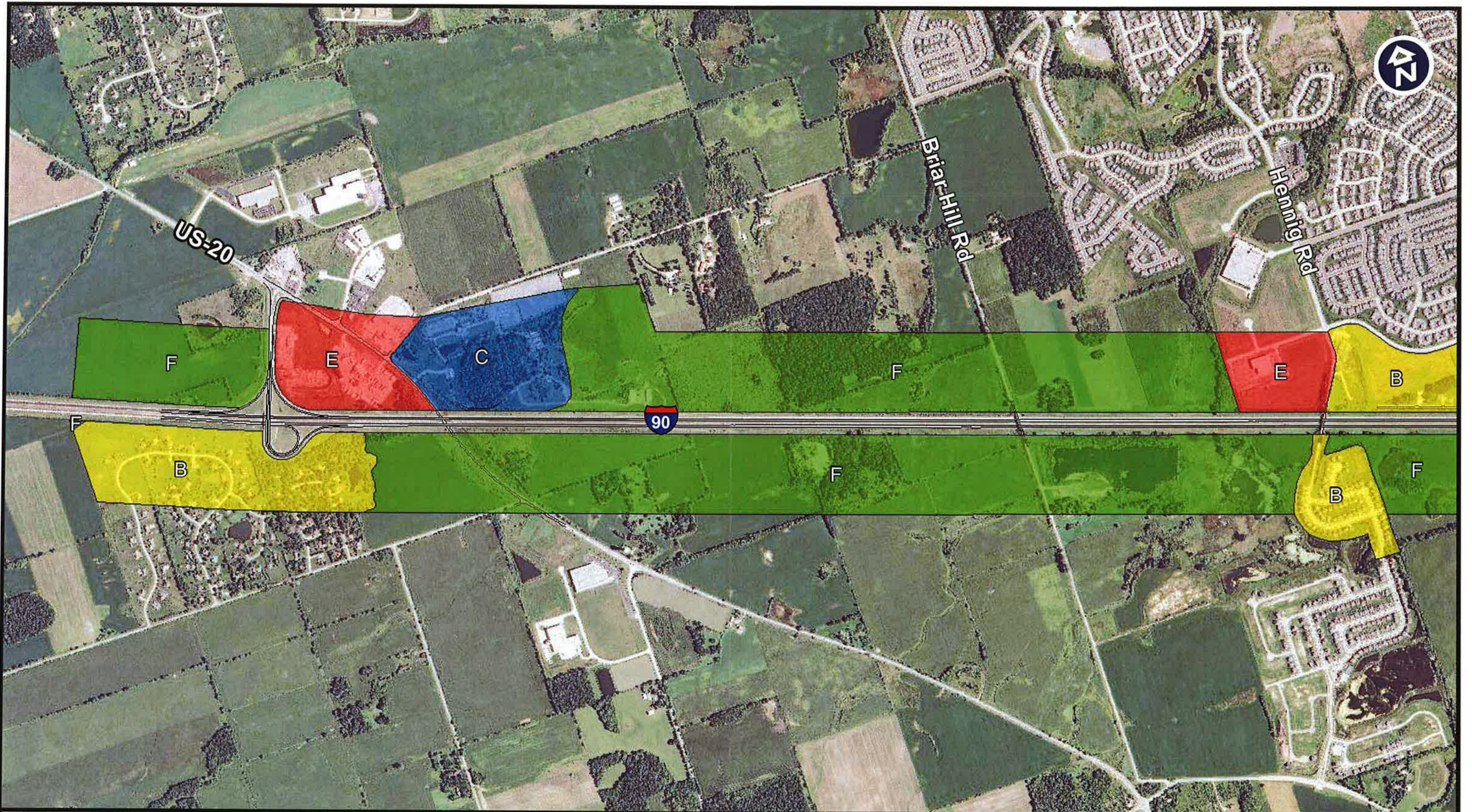


Figure 2
Land Use Map
 I-90 Reconstruction and Add Lane Project
 US 20 (M.P. 41.5) to Elgin Toll Plaza (M.P. 53.8)

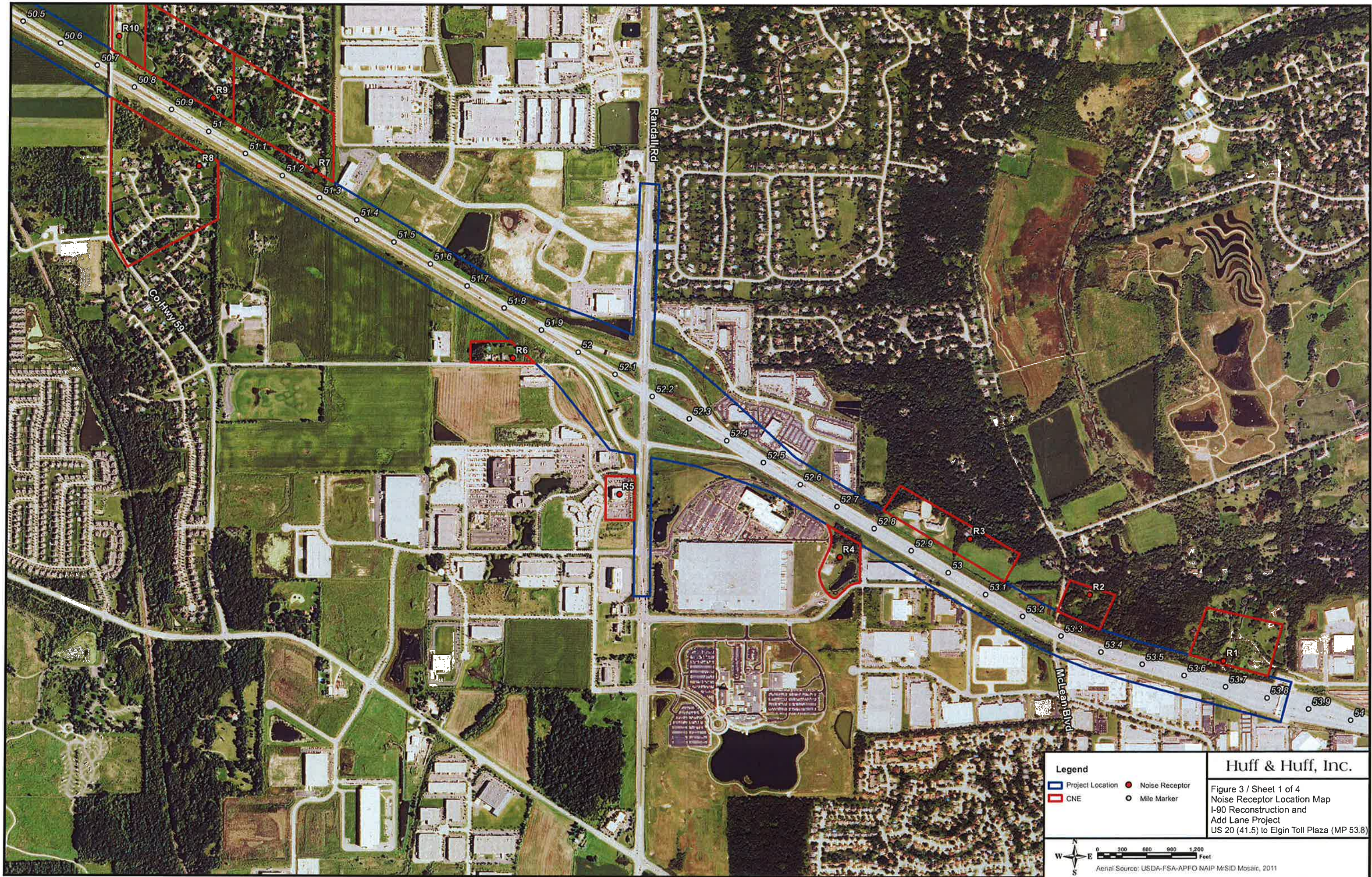
Activity Category

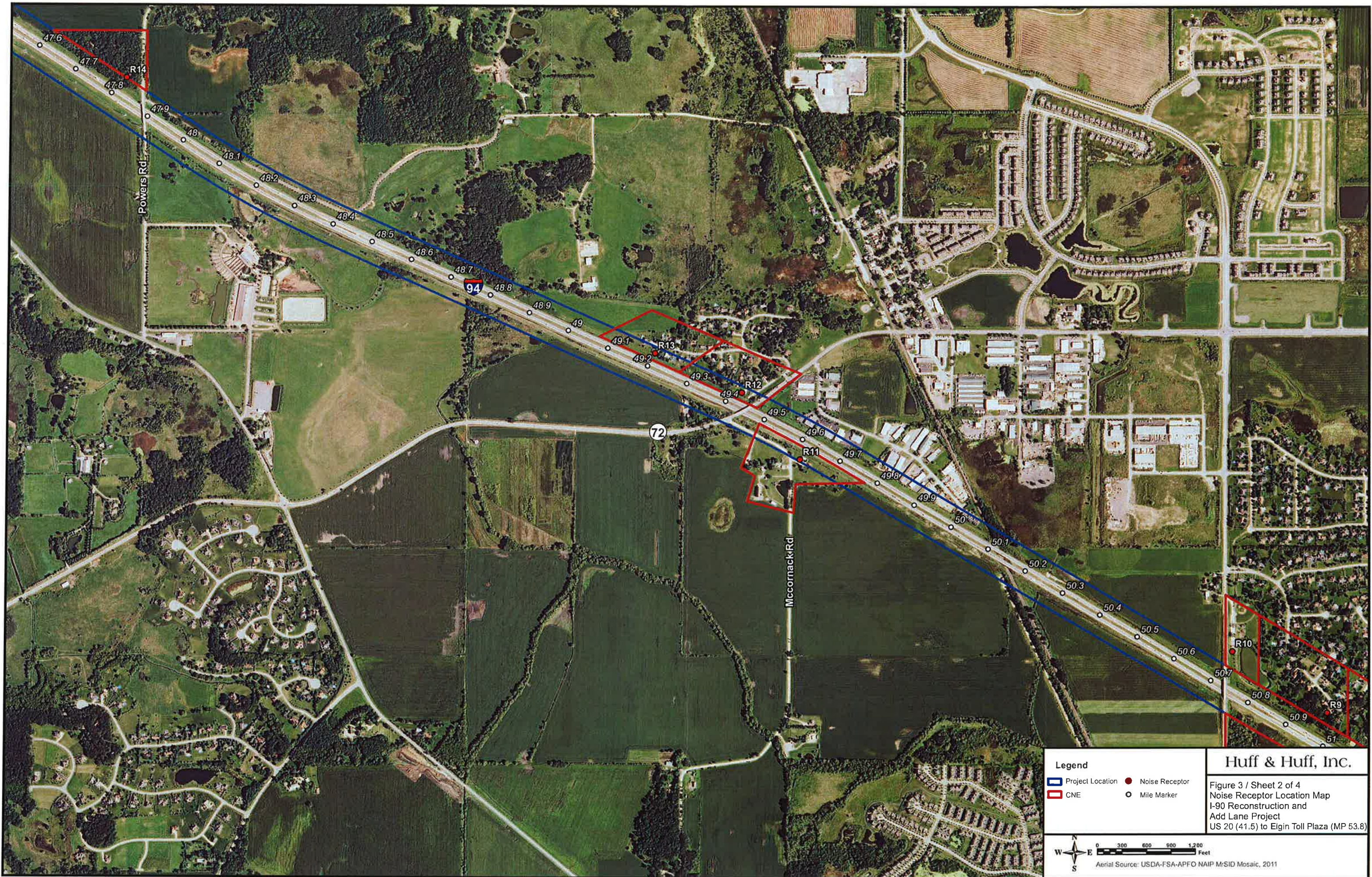
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0 250 500 1,000 1,500 2,000
 Feet

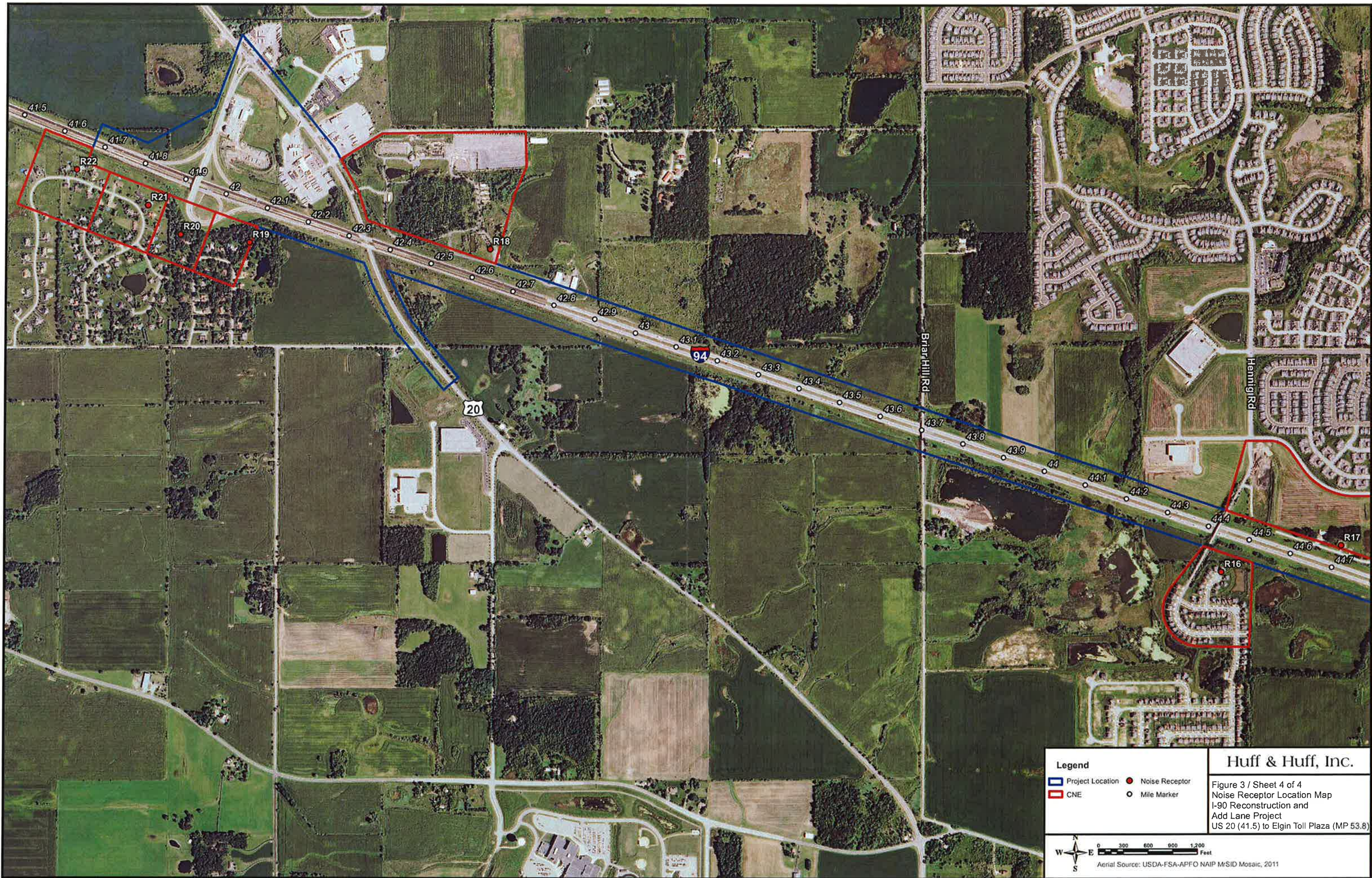


SOURCE: U.S. DEPARTMENT OF THE INTERIOR
 U.S. GEOLOGICAL SURVEY









Legend ▬ Project Location ● Noise Receptor ▬ CNE ○ Mile Marker		Huff & Huff, Inc. Figure 3 / Sheet 4 of 4 Noise Receptor Location Map I-90 Reconstruction and Add Lane Project US 20 (41.5) to Elgin Toll Plaza (MP 53.8)
<p>Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2011</p>		

4. NOISE MONITORING

Noise monitoring was conducted at four noise receptor locations: R6, R12, R14, and R15. The following describes the noise monitoring for this project.

4.1 Field Noise Measurement Methodology

Field measurements of traffic noise represent conditions occurring at the time of the measurement. Traffic volumes and meteorological conditions during the actual noise level measurements need to be considered when evaluating field measurements as typical for the area. Noise measurements are typically taken just prior to peak traffic conditions to represent the noisiest conditions generated by traffic on the roadway.

Time and Day for Measurements

Typically, noise monitoring is conducted during the noisiest traffic period of the day. This generally occurs just prior to rush hour when traffic volumes are the highest but free flowing conditions still exist. Noise monitoring was conducted on Thursday May 24, 2012 between the hours of 10:30 am and 2:30 pm.

Traffic Volumes

Traffic volumes along I-90 were counted during field monitoring at receptors R12 and R15. Traffic was not visible from two monitoring locations (R6 and R14). The number of cars and trucks were recorded separately along with any other noise sources observed during monitoring. The traffic volumes were counted as a total for each direction during the 10-minute noise monitoring periods. The traffic volumes counted were extrapolated to an hour (60 minutes) by multiplying the 10-minute volumes by six to estimate the hourly traffic. This procedure is accepted by the Federal Highway Administration as a representative noise monitoring method.

The traffic volume estimates from the noise monitoring sessions were compared to the peak-hour traffic volumes used for the noise modeling. The automobile volumes counted during the monitoring ranged from 43 percent to 53 percent of the estimated existing peak-hourly volumes. During the noise monitoring, truck traffic counted during the monitoring ranged from 70 percent to 79 percent of the estimated existing peak-hourly volumes.

Weather Conditions

Weather conditions can have some effect on noise measurement readings. Noise measurements should not be taken if the wind speed exceeds 12 m.p.h. A wind screen was used on the monitor at all times. Other site conditions necessary during the monitoring include the following:

- 1) dry pavement,
- 2) humidity less than 90%,

- 3) the ambient air temperature will be between 14 to 112 degrees Fahrenheit, and
- 4) no snow cover.

The day monitoring was conducted was 80 degrees, cloudy with some periodic light rain but the pavement remained dry and wind speeds were less than 10 m.p.h.

Instrumentation

A Brüel & Kjaer Type 2236 sound level meter was used for monitoring the actual noise level. The instrument was calibrated prior to use and set up on a tripod approximately five (5) feet from the ground.

Monitoring Duration

Noise monitoring was conducted at each location for a sufficient time period to obtain a steady-state L_{eq} . During periods when traffic volumes and speed are relatively consistent, steady state noise levels may be obtained after five minutes. For purposes of this evaluation, noise monitoring at each location was conducted for 10 minutes at each location.

4.2 Monitoring Results

Table 3 summarizes the noise monitoring results. Noise monitored levels ranged from 62 to 72 dB(A). Monitored noise levels are within 3 dB(A) of the modeled noise levels which validates the TNM model. The impact analysis and abatement evaluation will be conducted using the build traffic noise model results.

**TABLE 3
SUMMARY OF MONITORING RESULTS**

Receptor	Noise Level Monitored, dB(A)	Modeled Existing Noise Level, dB(A)*	Difference Between Modeled and Monitored, dB(A)
R6	62	63	1
R12	72	75	3
R14	68	66	-2
R15	63	64	1

*Modeling methodology and results are presented in Section 5 and Section 6, respectively.

5. NOISE ANALYSIS METHODOLOGY

Modeling of the traffic noise levels at the 22 receptors located within the project limits were conducted utilizing the FHWA-approved Traffic Noise Model (TNM). Prediction of noise levels is one step in assessing potential noise impacts and abatement strategies. Traffic noise levels for the 22 receptor sites were predicted using existing (2012) and future (2040) traffic volumes.

Inputs into TNM include traffic volume, traffic mix (cars, heavy trucks, and medium trucks), receptor distance, elevation, and average speeds during free flowing conditions. Information sources used in the analysis are briefly described in the following subsections.

5.1 Traffic Volumes

The project team provided average design traffic (ADT) for the year 2012 and 2040 for I-90. These time periods represented existing and future traffic conditions. Traffic volumes from 2040 were used over 2030 traffic volumes for the future traffic condition as they present a worst-case scenario. Peak hourly traffic volumes are used in the noise analysis to give worst-case conditions and were estimated as 10 percent of the ADT traffic volumes.

5.2 Traffic Composition

Three types of vehicles, including cars, medium trucks, and heavy trucks, are input into TNM. Truck composition for I-90 was determined based on the traffic data provided by the project team. The percentage of automobiles is estimated at between 82 to 87 percent with medium and heavy trucks accounting for between 13 to 18 percent.

5.3 Receptor Distance/Elevation

Table 2 included the distances of the receptors from the I-90 EOP. The selected representative receptors include 18 residential areas, two parks, one recreational facility and a health center. The distance and elevation of each receptor directly affects the predicted traffic noise level. These distances varied from 110 feet at Receptor R13 to 500 feet at Receptor R2.

5.4 Speed Conditions

The average speed during free flow conditions for the individual roadways was used for the noise analysis and has been input into the model as the posted speed limit. This includes an existing and proposed speed limit of 65 m.p.h. for I-90.

6. TNM RESULTS

Existing (2012) and future (2040) Build and No-Build traffic noise levels were predicted for the 22 receptor sites utilizing TNM. Table 4 presents the existing (2012) and projected (2040) noise levels for the 22 receptor sites.

**TABLE 4
NOISE IMPACT SUMMARY - TNM MODELING RESULTS**

Receptor Number	Land Use Category / NAC	Existing 2012 Noise Level, dB(A)	No-Build 2040 Noise Level, dB(A)	Build 2040 Noise Level, dB(A)	Build Increase Over Existing
R1	B / 67	71	72	73	2
R2	B / 67	64	65	66	2
R3	B / 67	69	70	70	1
R4	C / 67	68	69	69	1
R5	C / 67	65	67	70	5
R6	B / 67	63	65	70	7
R7	B / 67	60	62	64	4
R8	B / 67	66	68	69	3
R9	B / 67	65	67	71	6
R10	C / 67	63	65	69	6
R11	B / 67	75	77	77	2
R12	B / 67	75	77	77	2
R13	B / 67	75	77	78	3
R14	B / 67	66	68	69	3
R15	B / 67	64	66	68	4
R16	B / 67	62	64	69	7
R17	B / 67	67	70	72	5
R18	C / 67	64	67	69	5
R19	B / 67	63	63	72	9
R20	B / 67	60	64	67	7
R21	B / 67	63	66	67	4
R22	B / 67	65	67	71	6

Boldface indicates the noise levels approach, meet or exceed the NAC in the Build scenario.

* 'Impact' is defined as approaching, meeting or exceeding the FHWA Noise Abatement Criteria.

The Existing 2012 noise levels range from 60 dB(A) at R7 and R20 to 75 dB(A) at R11, R12, and R13. The projected No-Build 2040 traffic noise levels range from 62 dB(A) at R7 to 77 dB(A) at R11, R12, and R13. Generally, receptor noise levels increase between 1 dB(A) and 4 dB(A) from the Existing scenario to the No-Build scenario. Any increase in traffic noise levels are due to an increase in traffic volumes.

The 2040 traffic noise levels for the Build scenario as predicted by TNM range from 64 dB(A) at R7 to 78 dB(A) at R13. Traffic noise levels for the 22 receptors increased from 1 to 9 dB(A) over the

existing traffic noise levels due to the increase in the traffic volumes and the revised geometry. Twenty-one of the 22 receptor locations approach, meet, or exceed the FHWA NAC criteria. These receptor locations are R1 through R6 and R8 through R22. Based on the 2040 traffic noise levels, noise abatement will be evaluated for the 21 impacted receptors.

7. ABATEMENT ANALYSIS

7.1 Abatement Alternatives

Traffic noise abatement measures were considered for R1 through R6 and R8 through R22 as these receptors approached or exceeded the FHWA residential NAC, as shown in Table 4. A feasible and reasonable analysis of noise abatement options was conducted in conformance with FHWA requirements contained in Title 23 *Code of Federal Regulations* Part 772. The Tollway policy considers noise abatement to be feasible if at least a five (5) dB(A) traffic noise reduction is achieved with the noise abatement, but with an eight (8) dB(A) traffic noise reduction goal.

The most feasible approach to abating noise impacts in this area would be to construct noise walls. Noise walls placed adjacent to the roadway will attenuate traffic-related noise and are the most practical measure for this project. An effective noise wall must be tall enough to break the line-of-sight between the receptor and source and typically extends parallel to a project four times the distance between the receptor and noise wall. Noise walls have a zone of effectiveness, or shadow zone, which is generally within 200 feet of the noise wall; therefore, less noise reduction is achieved as the distance between the receptor and the noise wall increases.

Table 9 presents the receptors where noise impacts were identified and noise abatement was evaluated and indicates whether the noise abatement was feasible and reasonable.

7.2 Feasibility and Reasonability

An abatement analysis of noise abatement options was conducted in conformance with the Tollway Noise Policy for each of the impacted receptors. In order for a noise abatement option to be constructed, it must meet both the feasibility and reasonability criteria, described below.

Feasibility

The feasibility evaluation is a combination of acoustical and engineering factors considered in the evaluation of a noise abatement measure. The acoustical portion of feasibility in the Tollway Noise Policy is referred to as the traffic noise reduction design goal. The traffic noise reduction design goal is 8 dB(A) or more at a minimum of one receptor location. However, the minimum acceptable noise reduction on the first row of receptors is 5 dB(A) at a minimum of one receptor location. The more noise reduction achieved the better the traffic noise abatement, as long as the cost, visual impact, etc., do not become excessive. If a minimum 5 dB(A) noise reduction cannot be achieved, a noise barrier is not considered to be feasible.

Reasonability

The feasibility evaluation is a combination of cost effectiveness, community desires, views of local officials, and other considerations in the evaluation of a noise abatement measure. A noise abatement measure is considered cost-effective to construct if the noise wall construction cost per benefited receptor is less than the adjusted allowable cost per benefited receptor. A benefited receptor is any receptor that is afforded at least a 5 dB(A) traffic noise reduction from the proposed noise abatement measure.

The Tollway Noise Policy establishes the actual cost per benefited receptor shall be based on a noise wall construction cost of \$30 per square foot. The base value allowable cost per benefited receptor is \$30,000 per benefited receptor, which can be increased based on three factors as summarized below:

- the relationship of future noise levels to the noise abatement criterion (Table 5);
- the noise level change from the existing noise condition to the future build noise condition (Table 6); and
- an antiquity consideration comparing the date of development to the construction date of the highway (Table 7).

**TABLE 5
RELATIONSHIP OF FUTURE NOISE LEVELS
TO NOISE ABATEMENT CRITERION**

Predicted Build Noise Level Above Noise Abatement Criterion	Dollars Added to Base Value Cost per Benefited Receptor
Less than 3 dB(A)	\$0
4 to 5 dB(A)	\$1,000
6 to 8 dB(A)	\$2,000
Greater than 8 dB(A)	\$5,000

TABLE 6
NOISE LEVEL CHANGE FROM THE EXISTING NOISE
CONDITION TO THE FUTURE BUILD NOISE CONDITION

Increase in Noise Level from the Existing Condition to the Future Build Condition	Dollars Added to Base Value Cost per Benefited Receptor
Less than 3 dB(A)	\$0
4 to 5 dB(A)	\$1,000
6 to 8 dB(A)	\$2,000
Greater than 8 dB(A)	\$5,000

TABLE 7
ANTIQUITY CONSIDERATION

Project is on new alignment OR the receptor existed prior to the original construction of the highway	Dollars Added to Base Value Cost per Benefited Receptor
No for both	\$0
Yes for either	\$5,000

7.3 Noise Wall Analysis

TNM was used to perform the noise wall feasibility analysis along I-90. When determining if an abatement measure is feasible and reasonable, the noise reduction achieved, number of residences benefited, total cost of abatement, and total cost per residence benefited are considered. Other social and operating factors can be considered during the decision-making process.

Seventeen noise walls were evaluated for the twenty-one impacted receptors. Receptors R12 and R13 shared a common noise wall, as did receptors R19, R20, R21, and R22, due to their proximity to one another. All noise walls were modeled along the proposed right-of-way. The noise walls were first evaluated for feasibility according to the criteria described in Section 7.2. All of the noise walls could feasibly be built, as each provides at least a 5 dB(A) traffic noise reduction at a receptor.

The noise walls that met the feasibility criteria were then evaluated for cost-effectiveness. One of the seventeen evaluated noise barriers (B11) would meet the cost-effectiveness evaluation criteria, as the actual noise wall cost per benefited receptor is less than the adjusted allowable cost per benefited receptor. Noise Wall B11 abates traffic noise at the residential neighborhood west of Higgins Road and north of I-90 (R12 and R13) where 26 residences would achieve at least a 5 dB(A) traffic noise reduction. The remaining noise walls would not be considered economically reasonable, as their cost per benefited receptor exceeds their adjusted allowable cost per benefited receptor. Tables 8 and 9 summarize the noise wall evaluation. Figure 4 details the location of the reasonable and feasible barrier B11.

**TABLE 8
ADJUSTED ALLOWABLE COST PER BENEFITED RECEPTOR SUMMARY**

Barrier	Receptor/ CNE	Benefited Receptors	Adjustment Factor Range	Average Adjustment Factor	Adjusted Allowable Cost per Benefited Receptors
B1	R1/CNE1	3	\$0 to \$2,000	\$1,000	\$31,000
B2	R2/CNE2	1	\$0	\$0	\$30,000
B3	R3/CNE3	1	\$1,000	\$1,000	\$31,000
B4	R4/CNE4	1	\$0	\$0	\$30,000
B5	R5/CNE5	1	\$2,000	\$2,000	\$32,000
B6	R6/CNE6	4	\$2,000 to \$3,000	\$2,250	\$32,250
B7	R8/CNE8	8	\$1,000 to \$2,000	\$1,125	\$31,125
B8	R9/CNE9	16	\$0 to \$3,000	\$1,188	\$31,188
B9	R10/CNE10	1	\$2,000	\$2,000	\$32,000
B10	R11/CNE11	2	\$1,000 to \$5,000	\$3,000	\$33,000
B11	R12/R13 / CNE12/CNE13	26	\$1,000 to \$5,000	\$2,385	\$32,385
B12	R14/CNE14	1	\$5,000	\$5,000	\$35,000
B13	R15/CNE15	1	\$1,000	\$1,000	\$31,000
B15	R16/CNE16	6	\$1,000 to \$2,000	\$1,167	\$31,167
B14	R17/CNE17	1	\$2,000	\$2,000	\$32,000
B16	R18/CNE18	1	\$1,000	\$1,000	\$31,000
B17	R19/R20/R21/R22 CNEs 19/20/21/22	26	\$1,000 to \$6,000	\$2,808	\$32,808

**TABLE 9
NOISE WALL COST REASONABLENESS EVALUATION**

Barrier	Receptor/ CNE	Benefited Receptors	Average Wall Height, ft.	Wall Length, ft.	Cost per Benefited Receptor*	Adjusted Allowable Cost per Benefited Receptor**
B1	R1/CNE1	3	16	1,590	\$254,400	\$31,000
B2	R2/CNE2	1	16	1,389	\$666,720	\$30,000
B3	R3/CNE3	1	14	1,716	\$720,720	\$31,000
B4	R4/CNE4	1	16	1,224	\$587,520	\$30,000
B5	R5/CNE5	1	13	606	\$236,340	\$32,000
B6	R6/CNE6	4	17	1,003	\$127,883	\$32,250
B7	R8/CNE8	8	17	1,810	\$115,388	\$31,125
B8	R9/CNE9	16	15	2,226	\$62,606	\$31,188
B9	R10/CNE10	1	17	406	\$207,060	\$32,000
B10	R11/CNE11	2	14	815	\$171,150	\$33,000
B11	R12/R13 / CNE12/CNE13	26	15	1,811	\$31,344	\$32,385
B12	R14/CNE14	1	15	1,000	\$450,000	\$35,000
B13	R15/CNE15	1	17	898	\$457,980	\$31,000
B15	R16/CNE16	6	15	983	\$73,725	\$31,167
B14	R17/CNE17	1	12	704	\$253,440	\$32,000
B16	R18/CNE18	1	15	804	\$361,800	\$31,000
B17	R19/R20/R21/R22 CNEs 19/20/21/22	26	15	4,194	\$72,558	\$32,808

Bold values indicate a cost-effective noise wall that is likely to be implemented as the cost per benefited receptor is lower than the adjusted allowable cost per benefited receptor.

* Based on the Tollway Policy value of \$30 per square foot

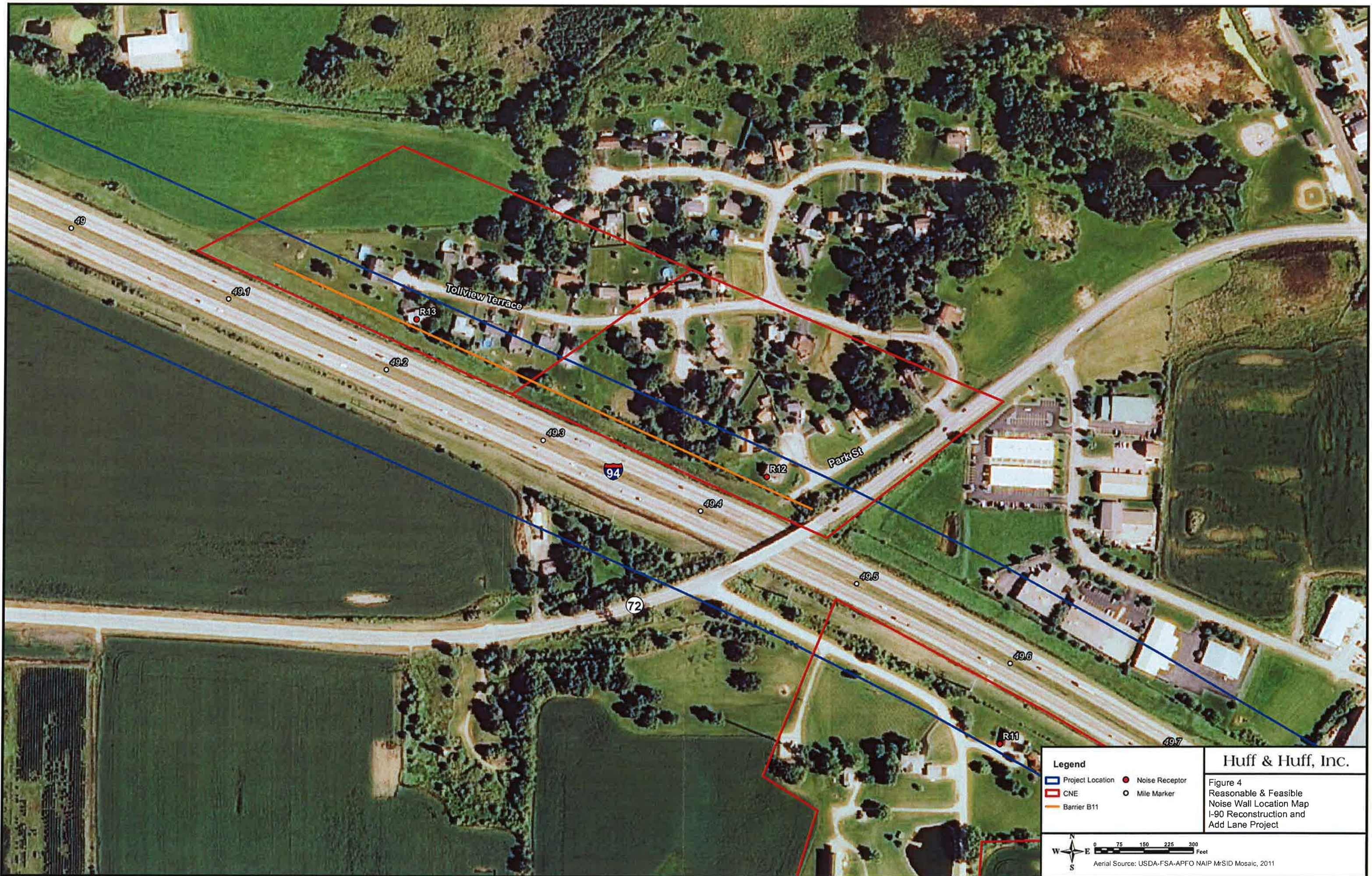
** As determined in Table 8

8. SUMMARY

The traffic noise study for the I-90 was coordinated by the Tollway for the add-lane project between M.P. 41.5 (U.S. Route 20) to M.P. 53.8 (Elgin Plaza) in Kane County, Illinois. Traffic noise was evaluated at 22 receptor locations, including 18 residences, two parks, one recreational facility and a health center. Traffic noise levels were evaluated for the Existing (2012) and projected (2040) Build and No-Build traffic volumes.

The existing 2012 noise levels range from 60 dB(A) to 75 dB(A). The projected No-Build 2040 traffic noise levels range from 62 dB(A) to 77 dB(A). Generally, receptor noise levels increase between 1 dB(A) and 4 dB(A) from the Existing scenario to the No-Build scenario. Any increase in traffic noise levels are due to an increase in traffic volumes.

The 2040 traffic noise levels for the build scenario as predicted by TNM range from 64 dB(A) to 78 dB(A). Traffic noise levels for the twenty-two receptors increased from 1 to 9 dB(A) over the existing traffic noise levels due to the increase in the traffic volumes and the revised geometry.



Legend

- ▬ Project Location
- ▬ CNE
- ▬ Barrier B11
- Noise Receptor
- Mile Marker

Huff & Huff, Inc.

Figure 4
Reasonable & Feasible
Noise Wall Location Map
I-90 Reconstruction and
Add Lane Project

0 75 150 225 300 Feet

Aerial Source: USDA-FSA-APFO NAIP MrSID Mosaic, 2011

Twenty-one of the 22 receptor locations approach, meet, or exceed the FHWA NAC criteria. Based on the 2040 traffic noise levels, noise abatement was evaluated for the 21 impacted receptors.

Seventeen noise walls were evaluated, which includes shared barriers for R12/R13 and R19/R20/R21/R22 due to their respective proximity. All noise walls were modeled along the proposed right-of-way. The noise walls were first evaluated for feasibility. All of the noise walls could feasibly be built, as each provides at least a 5 dB(A) traffic noise reduction at an impacted receptor.

The noise walls that met the feasibility criterion were then evaluated for cost-effectiveness. Only one of the noise barriers (B11) is economically reasonable, as the actual costs per benefited receptor is less than the adjusted allowable cost per benefited receptor. Noise wall B11 abates traffic noise at the residential neighborhood west of Higgins Road and north of I-90 (R12 and R13) where 26 residences would achieve at least a 5 dB(A). Therefore, noise abatement is likely to be implemented as barrier B11 as part of this project.

Durisol®

ALUMINUM NOISE BARRIER PRODUCT GUIDE

INTRODUCING THE DURISOL® ALUMINUM NOISE BARRIER SYSTEM - A LIGHTWEIGHT, ABSORPTIVE, STRUCTURE-MOUNTED NOISE BARRIER SYSTEM.

LIGHTWEIGHT PANELS

TONGUE & GROOVE INSTALL

NOISE ABSORPTION

ECONOMICAL VALUE

CUSTOM COLORS

Aluminum wall panels have been a viable noise barrier structure-mounted option. With the virtually limitless colors available, it is a lower cost material with complete design flexibility.

Another option that can be used in combination with other transparent or precast concrete Durisol systems, aluminum noise barriers are backed by the manufacturing quality of over 25 years.

INTRODUCING THE DURISOL® ALUMINUM NOISE BARRIER SYSTEM

A ready-made system prefabricated for a wide range of noise mitigation applications, Aluminum panels are lightweight and easy to work with - offering the installation advantage of tongue and groove assembly.

A durable aluminum profile with horizontal panels, our noise barrier systems can be completely customized with color variations and either perforated or smooth wall sides.

Built with perforations and a sound absorbing mineral wool interior to respond to specific noise absorption and/or reflection mitigation requirements.

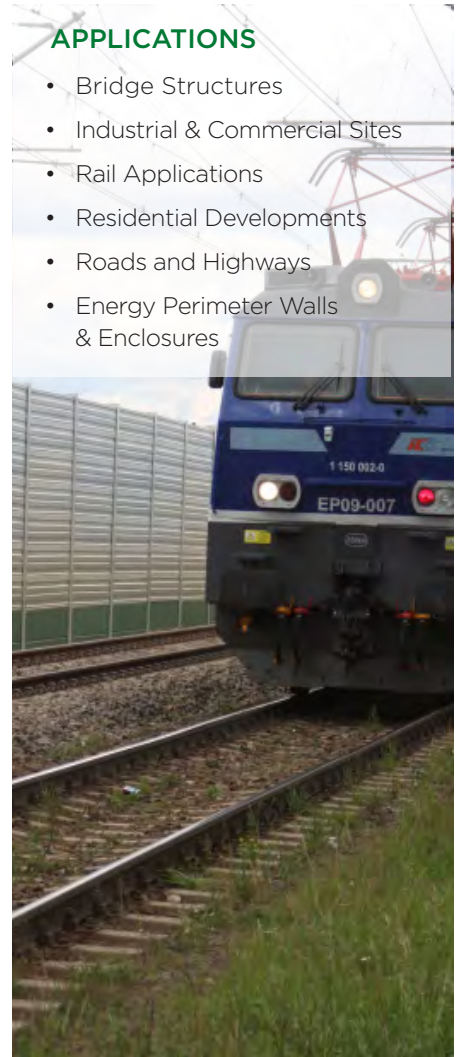


Our MASH TL-4 crash-tested barrier system is now available!



APPLICATIONS

- Bridge Structures
- Industrial & Commercial Sites
- Rail Applications
- Residential Developments
- Roads and Highways
- Energy Perimeter Walls & Enclosures





FEATURES & BENEFITS

Lightweight

- Provides low dead load on structure
- >8 lbs / sq ft

Ease of Installation

- No special equipment or machinery required
- Tongue & groove joints

Durable

- Panels have been in-use for 25+ years

In-house Design

- Engineering and design of the noise barrier system by Durisol in-house engineering team

SPECIFICATIONS

Thickness

- 125 mm / 5 inches thick

Post Detail

- Adapts well to W6 posts; Can be made to fit larger posts
- Structure-mounted hot dipped galvanized steel posts connected with steel cable option for improved safety.

- Available in a range of sizes from 3 ft to 16 ft long

Wall Height

- Panel height at 1.64 ft / 0.5 meter high
- With tongue and groove, can stack panels to desired project height



REAR-VIEW OF HIGHWAY BARRIER



BRIDGE-MOUNTED WALL

TESTING

TEST NO.	RESULTS
ASTM E84 Fire Testing	FLAME SPREAD = 0 SMOKE DEVELOPED INDEX = 15
ASTM C423-17 Sound Absorption	0.90 NRC on both sides
ASTM E90-09 Sound Transmission Loss	33 STC
ASTM E1886 ASTM E1996 TAS 201, 202, 203	Passed = ± 5219 Pa (± 109.00 psf) Passed = Missile Level D / Wind Zone 4 Impacts
ASTM C672 Scaling Resistance	50 cycles completed with no scaling deleterious effects observed
ASTM C666 Freeze Thaw Durability	No cracking, flaking and other deleterious effects observed
ASTM G155-12 & ASTM B117-19 Exposure	2,400 hrs of accelerated weathering with no deterioration observed.



ALUMINUM WITH TRANSPARENT STACKED PANELS

Drawings and product details are for information and/or illustrative purposes only, and may vary.
Please contact your local Durisol representative for the most current product information.



Durisol® is the market leader in the noise barrier wall industry. We manufacture and supply a series of unique panel and post wall systems - including our Durisol® precast sound absorption panels and transparent ACRYLITE® Soundstop sheets, as well as narrow footprint retaining walls and fire-rated barriers. Our first noise barriers were installed in Canada in 1977 and in the US in 1986 and are all still in service today. With over 40+ million square feet of wall installed to date, Durisol® noise barriers stop the noise of industrial warehouses, utility enclosure sites and urban infrastructure of all kinds right across North America.

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