



**VILLAGE OF HUNTLEY
AGENDA SUMMARY**

April 13, 2023
Village Board Meeting

Agenda Item: Approval of the Village of Huntley 2023 Street Improvement Program:

- i. Consideration - Approval of a Resolution to Appropriate \$1,250,000 in Motor Fuel Tax Funds for Maintenance of Streets and Highways for the 2023 Street Improvement Program
- ii. Consideration - Approval of a Resolution to Appropriate \$1,759,107.84 in Rebuild Illinois Funds for Maintenance of Streets and Highways for the 2023 Street Improvement Program
- iii. Consideration - Approval of a Resolution Authorizing a Bid Award and a Construction Contract with Arrow Road Construction Company for the 2023 Street Improvement Program

Department: Public Works and Engineering – Administration and Engineering Division

INTRODUCTION

The 2023 Street Improvement Program targets the rehabilitation of various arterial and collector segments of roadway and various neighborhoods in Sun City comprised of approximately 176,700 square yards along 8.95 centerline miles of roadway and summarized as follows:

Subdivision / Roadway	Limits	Length (ft)	Area (sy)
BASE BID			
Sun City NH 1	All Roadways	1,690	6,169
Sun City NH 2	All Roadways	4,013	13,453
Sun City NH 3	All Roadways	9,029	30,173
Sun City NH 9	All Roadways	3,854	13,770
Cold Springs Drive	Del Webb Blvd, North to Del Webb Blvd	7,761	32,069
Farm Hill Drive	Del Webb Blvd, North to Regency Parkway	4,700	18,295
Stonewater Crossing	Del Webb Blvd, North to Wildrose Drive	5,356	22,090
Wildrose Drive	Del Webb Blvd, North to Stonewater Crossing	2,617	10,778
+OPTION #1 BID			
Sun City NH 7	All Roadways	6,653	23,261
+OPTION #2 BID			
Hemmer Road	Del Webb Blvd, North to Village Limits	1,584	6,647
+OPTION #3 BID			
Sun City	Sidewalk Spot Repair Locations	N/A	N/A

TOTAL 47,257 176,705
MILES 8.9 (6.9% of roadway network)

STAFF ANALYSIS

On March 9, 2023, the Village received bids from four contractors for the 2023 Street Improvement Program. The bid results are summarized in the bid tabulation summary table.



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Bid Tabulation Summary:

COMPANY	BASE BID AMOUNT	OPTION #1 BID AMOUNT	OPTION #2 BID AMOUNT	OPTION #3 BID AMOUNT
<i>Engineer's Estimate</i>	\$4,101,848.30	\$4,516,448.85	\$4,641,248.90	\$4,694,501.43
ARROW ROAD CONSTRUCTION CO.	\$3,318,963.32	\$3,620,814.22	\$3,722,712.19	\$3,773,128.99
SCHROEDER ASPHALT SERVICES, INC.	\$3,401,597.11	\$3,743,842.13	\$3,848,070.06	\$3,908,842.61
GESKE AND SONS, INC.	\$3,653,372.19	\$4,019,936.97	\$4,124,467.59	\$4,174,076.24
PLOTE CONSTRUCTION, INC.	\$3,735,744.66	\$4,103,216.17	\$4,213,390.48	\$4,276,835.83

Staff has reviewed the bids and all is in order for consideration of the Bid award to the lowest, responsible bidder, Arrow Road Construction Company in the Option #3 Bid amount of \$3,773,128.99 contingent upon IDOT approval of the Motor Fuel Tax (MFT) resolution and Rebuild Illinois (RBI) fund resolution for the appropriation of funds. Work is anticipated to begin on or about April 17, 2023, with a project completion date of August 25, 2023.

Pavement rehabilitation methods include spot repairs to curb and gutter or ribbon curb (at locations of poor drainage, deteriorated concrete or at ADA ramps) PCC sidewalk repairs (at trip hazards, and ADA accessible ramps retrofits), any necessary structure adjustments, replacement of damaged public utility frames and lids in the parkway/roadway, installation of thermoplastic pavement markings and all turf grass restoration.

Sun City Local Residential Roadway Rehabilitation

- Neighborhoods 1, 2, 3 & 7
 - o 1.50" HMA Surface Removal
 - o Class D Patching of Existing HMA Binder/Base Course
 - o 1.50" of Hot-Mix Asphalt Surface Course, Mix "D", IL-9.5, N50
 - o Partially reconstruct a 300' segment of Applewood Lane in Neighborhood 3 to address poor curblines and pavement drainage at multiple locations
- Neighborhood 9
 - o Full Depth (4.00") HMA Surface Removal
 - o Select Undercutting of Existing Aggregate Subbase & Subgrade exhibiting poor subgrade strength
 - o 2.50" of Hot-Mix Asphalt Binder Course, Mix "D", IL-19.0, N50
 - o 1.50" of Hot-Mix Asphalt Surface Course, Mix "D", IL-9.5, N50



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Sun City Minor Collector Residential Roadway Rehabilitation

- Cold Springs Drive, Farm Hill Drive, Wildrose Drive, Stonewater Crossing, Hemmer Road
 - o 2.00" HMA Surface Removal
 - o Class D Patching of Existing HMA Binder/Base Course
 - o 2.00" of Hot-Mix Asphalt Surface Course, Mix "D", IL-9.5, N50

2022-2025 STRATEGIC PLAN ALIGNMENT

The Strategic Plan identifies *"Forward Looking Community"* as a strategic focus and the following goal: *"Management of Infrastructure Assets for Today and Tomorrow."* Pavement management is a form of asset management which seeks to optimize life-cycle costs of achieving and sustaining a desired target pavement condition.

FINANCIAL IMPACT

The FY23 Budget includes \$4,616,000 in funding for the 2023 Street Improvement Program broken down by fund as follows: \$1,606,893 for engineering and partial construction costs from the Street Improvements and Roads & Bridges Fund, 420-00-00-8001, and partial construction costs in the amounts of \$1,759,107.84 from the Rebuild Illinois Fund, 465-00-00-8001 and \$1,250,000 from the MFT Fund, 460-00-00-8001. The IDOT MFT and RBI appropriation is a procedural requirement for the use of MFT and RBI funds. The full amount of the MFT and RBI appropriation will be used for construction. Any unexpended budget funds will remain in the Street Improvements and Roads & Bridges Fund.

LEGAL ANALYSIS

Not required.

ACTION REQUESTED

A motion by the Village Board for:

- i. Approval of a Resolution to Appropriate \$1,250,000 in Motor Fuel Tax Funds for Contract Construction for the 2023 Street Improvement Program
- ii. Approval of a Resolution to Appropriate \$1,759,107.84 in Motor Fuel Tax Funds for Contract Construction for the 2023 Street Improvement Program
- iii. Approval of a Resolution Authorizing a Bid Award and Construction Contract with Arrow Road Construction Company in the Option #3 Bid amount of \$3,773,128.99 for the 2023 Street Improvement Program

SUPPORTING DOCUMENTS

1. Project Location Exhibits
2. CBBEL Letter of Recommendation
3. Bid Tabulation Table
4. Draft Resolutions