



**CITY OF NEWARK
DELAWARE**

June 17, 2024

To: Honorable Mayor and Council

From: Ethan Robinson, Deputy Director of Public Works and Water Resources *ER*
Jeff Martindale, Chief Procurement & Projects Officer *JM*
David Del Grande, Director of Finance *JD*

Via: Tom Coleman, City Manager *TC*

Subject: Recommendation on the Award of Invitation to Bid (ITB) No. 24-05 – 2023/2024 Street Improvement Program (CIP H2301)

Background

In October 2021, PWWR contracted with ARRB Systems to perform a citywide pavement condition assessment and inspection using advanced pavement condition testing equipment. This assessment method significantly reduced the time that staff spent evaluating street segments and provided objective road condition data such as crack density, rutting depths, roughness, pothole depths, and texture for each road segment.

The data collected was provided to our consultant, Kercher Group, Inc and was imported to AgileAssets Pavement Management Optimization software. PWWR selected the 2023/2024 streets based on the Kercher Group optimization report, as well as other factors that the analysis software does not account for. These factors include the timing and scope of other capital projects such as the annual water main replacement project, sanitary sewer point repair program, availability of outside funding sources like the Community Transportation Fund (CTF), and combining certain road segments to minimize mobilization costs to reduce neighborhood disturbance.

Purpose

The ITB No. 24-05 Base Bid covers a combination of curb replacement, catch basin repair, ADA curb ramp installation, milling, hot mix patching, and hot mix resurfacing on twenty (20) City streets. Four (4) optional streets were also included in the contract as add items. Portions of the following streets are included in the contract as shown on the included exhibit:

1. Bent Lane – W. Main Street to Dallam Road
2. Bent Lane – Briar Lane to Casho Mill Road
3. Chickory Way – Country Place Drive to Cul-de-sac
4. Choate Street – New Street to E. Main Street
5. Country Club Drive – New London Road to Danbury Road
6. Country Club Drive – Danbury Road to Windsor Drive

7. Country Place Drive – Blue Hen Ridge to Chickory Way
8. E. Park Place – Academy Street to S. College Avenue
9. Lincoln Drive – Madison Drive to Elkton Road
10. Lynn Drive – Fremont Road to Fremont Road
11. Madison Drive – Quincy Drive to Lincoln Drive
12. Nathan Hale Court – Ethan Allen Court to North Service Road
13. Patrick Henry Court – Ethan Allen Court to North Service Road
14. Ray Street – N. College Avenue to New London Road
15. Rose Street – Ray Street to E. Cleveland Avenue
16. Scotch Pine Road – #22 Scotch Pine to New London Road
17. Waterworks Lane – Academy Street to Transition
18. Winfield Drive – Lynn Drive to Cul-de-sac
19. North College Avenue Patching – U.D. Lot #19 Entrance
20. Fremont Road Shared Driveway – 428 to 438 New London Road
21. Option I - Arbour Drive – Oriole Drive to Lark Drive
22. Option II - Courtney Street – Academy Street to Manuel Street
23. Option III - Dallas Avenue – Beverly Road to Cul-de-sac
24. Option IV - Hidden Valley Drive – Haywood Court to Rising Road

Bid Process

The Purchasing Division advertised ITB 24-05 in The News Journal, posted the ITB on the City website (www.newarkde.gov/bids), and delivered it via email to several vendors. On Tuesday, April 23, 2024, two (2) sealed bids were received via email or hand delivery and were opened shortly after the 2:00 p.m. deadline. Pricing for each bid including both option streets are as follows:

CONTRACTOR	BASIC BID	OPTION I	OPTION II	OPTION III	OPTION IV
Grassbusters Landscaping Co. Inc.	\$2,032,940.00	\$110,015.00	\$95,476.00	\$123,931.00	\$122,035.00
Sam's Construction LLC	\$2,158,145.00	\$118,875.00	\$108,262.50	\$132,000.00	\$133,200.00

Both bids exceeded available funding for the street segments included in the basic bid. Grassbusters Landscaping was the lowest qualified bidder, however unit pricing for most work items has increased significantly from prior years due to volatile demand for skilled labor and material costs. As a result of the bids being higher than anticipated, there are no option streets included in this recommendation and two (2) street segments have been carefully selected to be removed from the base bid. Improvements to Lincoln Drive and Madison Drive will be postponed due to the timing of other planned improvements in Dickey Park. Dickey Park improvements will require the mobilization of heavy equipment to facilitate the park upgrades and we run the risk of damaging these road segments should they be paved prior to the completion of the park project. Removing the above referenced street segments brings the base bid price down to \$1,879,329.00 and below our available funding.

Grassbusters Landscaping, Inc. has successfully completed the City's annual street improvement contract since 2018. The Public Works and Water Resources Department has been satisfied with all previous work and is confident the contractor has the resources and ability to complete the work in accordance with the plans, specifications, and schedule.

Funding

In addition to state-funded Municipal Street Aid, we have received Community Transportation Funding (CTF) commitments from Senator Sokola and Representative Baumbach totaling \$150,000. Senator Sokola and Representative Baumbach have asked that their funding be applied towards the improvement cost of Choate Street and Lynn Drive.

Funding for this contract is available from the following sources:

Funding Source	Funds Available
State of DE Municipal Street Aid (FY23)	\$ 551,302.60
Community Transportation Fund (Baumbach, Sokola)	\$ 150,000.00
Current Resources and Reserve Funding	\$ 1,150,000.00
Rollover H2201 PO #20230184-001	\$ 78,754.07
Total 2023/2024 Street Improvement Funding	\$1,930,056.67

Related Documents (Attached)

1. H2301 Annual Street Program CIP Sheet
2. 2023/2024 Street Improvement Program Exhibit

Recommendation

I move that Mayor and Council award a contract stemming from Invitation to Bid No. 24-05 – 2023/2024 Annual Street Program to the lowest qualified bidder, Grassbusters Landscaping, Inc, for the Base Bid as amended above, in the amount of \$1,879,329.00.



PROJECT NO: H2301
PROJECT TITLE: Annual Street Program
PROJECT STATUS: New Project

FUNDING SUMMARY:

*Prior Authorized Balance includes 2022 carryover funding only.

	2023	2024	2025	2026	2027	Total 5 Year
New Funding:	\$ 1,511,302	\$ 1,775,000	\$ 2,125,000	\$ 2,125,000	\$ 2,375,000	\$ 9,911,302
*Prior Authorized Balance:	\$ 250,000	\$ -	\$ -	\$ -	\$ -	\$ 250,000
2023-2027 Funding:	\$ 1,761,302	\$ 1,775,000	\$ 2,125,000	\$ 2,125,000	\$ 2,375,000	\$ 10,161,302

CAPITAL BUDGET - PROJECT DETAIL	
DEPARTMENT:	PWWR
DIVISION:	Street
FUND:	Capital Projects
PROJECT LOCATION:	Various
PROJECT PRIORITY:	2 - High Priority Level
Critical need to remediate failing service, prevent failure, or generate savings	
COMPREHENSIVE DEVELOPMENT PLANNING VISION ELEMENT:	Sustainable Community

§ 806.1(3) SUMMARY OF PROJECT DATA	
First Year in Program:	Perpetual
Est. Completion Date:	Perpetual
Est. Useful Life (in years):	15
Est. Total Cost:	\$ 10,161,302
Est. Spend @ 12/31/2022 (if underway) ¹ :	\$ -
% Complete (if underway):	0.0%
Balance to be funded ¹ :	\$ 10,161,302

¹ For ongoing projects, we must estimate total spent since inception through current year to derive the balance to be funded thereafter.

PROJECT COST BY CATEGORY		
CLASSIFICATION	ACCOUNT NUMBER	AMOUNT
Labor:		\$ -
Materials:		\$ -
Other Contracts:	3063006.9960	\$ 10,161,302
TOTAL PROJECT COST		\$ 10,161,302

² Council is not required to authorize budget year funding for this portion, but this portion of the project will indeed represent a cash outflow in the budget year and/or "out years."

Charter § 806.1(2) DESCRIPTION & JUSTIFICATION:

In 2018 we contracted with a consultant to utilize an optimization software to analyze our road survey data and update previous reports using the same software. This program provided the City the optimal street repair locations and methods to use for the most economical use of our funding. The result of the analysis was confirmation of the need for an increase in funding for road rehabilitation or else the average Pavement Conditions Index (PCI) for the city will continue to decline and the backlog of needed improvements will continue to increase. As we have previously discussed, the optimization analysis shows that we would need to spend approximately \$1,500,000 - \$2,000,000 each year to maintain our current roadway conditions.

Individual streets are chosen for rehabilitation based on several factors including the report mentioned above, coordination with other operating departments and PWWR divisions, recent development, and funding from legislators.

2023 Update:

Automated Pavement Conditions Assessment has been completed. 2023 candidate streets will be generated with the results of this assessment.

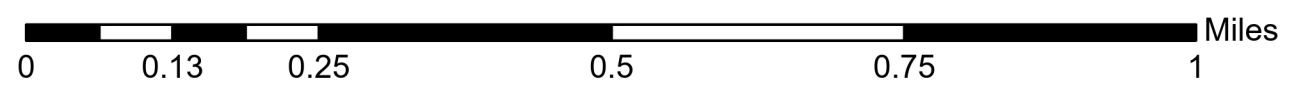
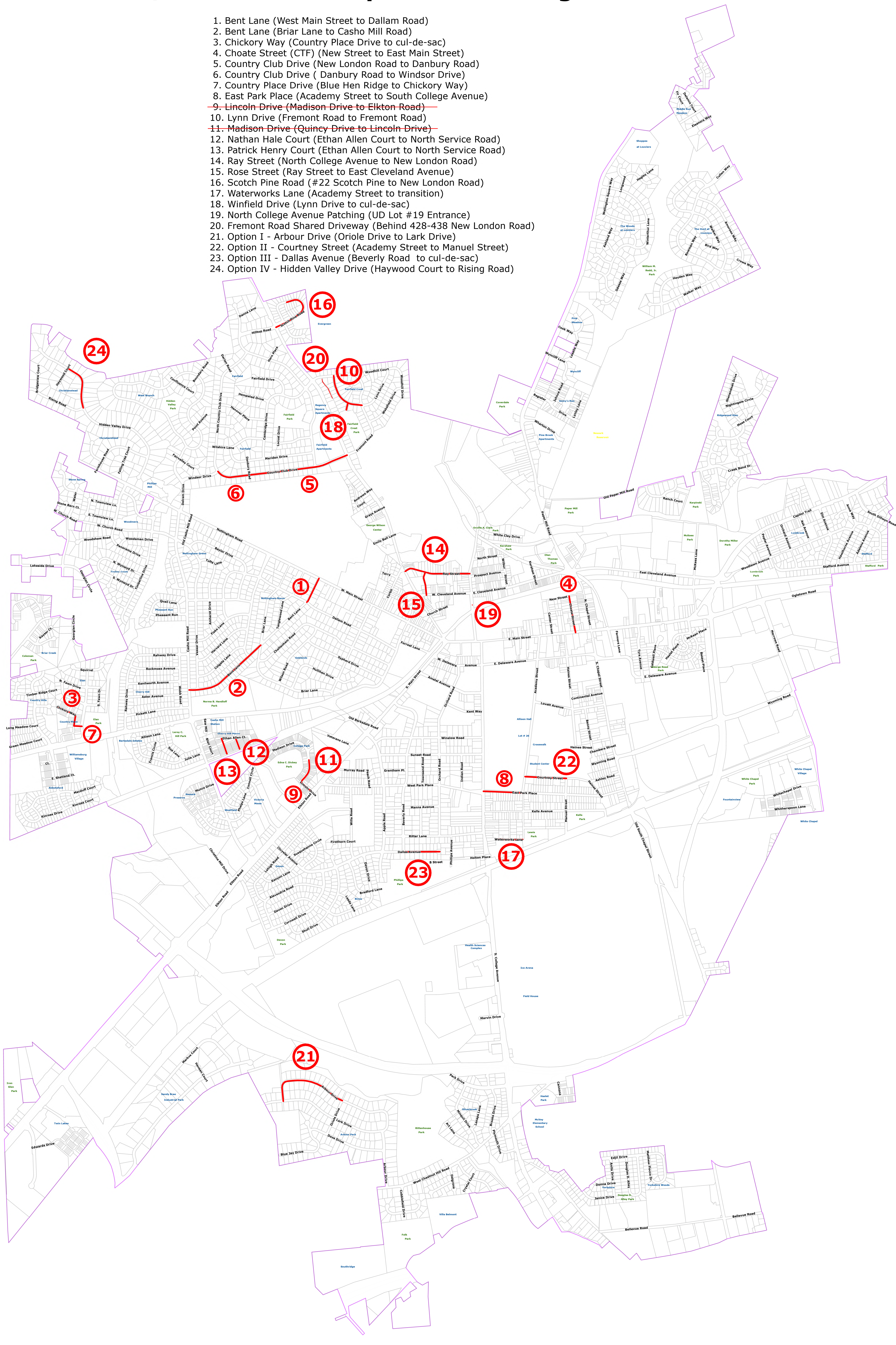
PROJECT FINANCING BY PLAN YEAR

§ 806.1(3) SOURCE OF FUNDS:	Prior Authorized ²	Actual Funds Utilized as of 03/31/22	Estimated Expenditures 04/01/22 - 12/31/22	Estimated Authorized Balance ² 12/31/22	2023	2024	2025	2026	2027	TOTAL 5 Year CIP
CURRENT RESOURCES	-	-	-	\$ -	900,000	1,150,000	1,500,000	1,500,000	1,750,000	\$ 6,800,000
CAPITAL RESERVES	-	-	-	\$ -	250,000	-	-	-	-	\$ 250,000
EQUIPMENT REPLACEMENT	-	-	-	\$ -	-	-	-	-	-	\$ -
GRANTS MSA (Updated 2018)	-	-	-	\$ -	551,302	565,000	565,000	565,000	565,000	\$ 2,811,302
BOND ISSUES	-	-	-	\$ -	-	-	-	-	-	\$ -
STATE REVOLVING LOAN	-	-	-	\$ -	-	-	-	-	-	\$ -
AMERICAN RESCUE PLAN ACT	-	-	-	\$ -	-	-	-	-	-	\$ -
OTHER CTF	-	-	-	\$ -	60,000	60,000	60,000	60,000	60,000	\$ 300,000
TOTAL:	\$ -	\$ -	\$ -	\$ -	\$ 1,761,302	\$ 1,775,000	\$ 2,125,000	\$ 2,125,000	\$ 2,375,000	\$ 10,161,302
§ 806.1(4) ESTIMATED ANNUAL COST OF OPERATING / MAINTAINING PROJECT OR ASSET					OPERATING IMPACT:					
					2023	2024	2025	2026	2027	TOTAL
INCREMENTAL COSTS (NET SAVINGS)					-	-	-	-	-	\$ -

Contract 24-05

2023/2024 Street Improvement Program

1. Bent Lane (West Main Street to Dallam Road)
2. Bent Lane (Briar Lane to Casho Mill Road)
3. Chickory Way (Country Place Drive to cul-de-sac)
4. Choate Street (CTF) (New Street to East Main Street)
5. Country Club Drive (New London Road to Danbury Road)
6. Country Club Drive (Danbury Road to Windsor Drive)
7. Country Place Drive (Blue Hen Ridge to Chickory Way)
8. East Park Place (Academy Street to South College Avenue)
- ~~9. Lincoln Drive (Madison Drive to Elkton Road)~~
10. Lynn Drive (Fremont Road to Fremont Road)
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24. Option IV - Hidden Valley Drive (Haywood Court to Rising Road)



- LEGEND**
- Proposed Street Improvement Roads
 - Proposed Street Improvement Parking Lots
 - City of Newark Boundary