

ITEM #: 38  
 DATE: 03-8-23  
 DEPT: PW

**COUNCIL ACTION FORM**

**SUBJECT: 2022/23 ASPHALT STREET PAVEMENT IMPROVEMENTS – (OAKWOOD RD)**

**BACKGROUND:**

This is the annual program for reconstruction or rehabilitation of deteriorated asphalt streets to prevent premature breakdown of the pavement and increasing maintenance costs. For this project, full-depth reconstruction is necessary due to sections of structural pavement failure. **This project is located on Oakwood Rd from University Boulevard to Timberland Rd** (map attached).

Oakwood Rd will be widened to three lanes to accommodate the large turning volumes in the corridor. Curb and gutter will be constructed for the length of the project as well. To improve pedestrian safety, the project will provide updated ADA ramps with enhanced crosswalks and additional pedestrian crossings for the Timberland Rd and Woodview Rd neighborhoods. A rapid flashing beacon will be placed at Green Hills Drive intersection. Improvements will be made to the existing shared use path as well, including relocation of the trail crossing at Cedar Ln to improve safety and raising of the trail near Wessex Dr.

A new 24” storm sewer will be constructed which will reduce flooding and ponding on both the north and south side of Oakwood Rd. The project will also include the upsizing and replacement of select storm intakes. On March 8, 2023, bids for the project were received as follows:

<b>Bidder</b>	<b>Base Bid</b>
<i>Engineer’s Estimate</i>	<i>\$1,969,260.90</i>
<b>Con-Struct Inc</b>	<b>\$2,034,969.90</b>
All Star Concrete	\$2,249,712.35

Estimated costs and revenues are shown below:

	<b>Available Revenue</b>	<b>Estimated Expenses</b>
2022/23 Asphalt Pav Improv G.O. Bonds	\$3,000,000	
2023/24 Storm Water Improvement Program	200,000	
Shared Use Path Expansion/Maintenance savings*	69,433	
28 <sup>th</sup> St Project Contract Amount		\$ 846,926.84
<b>Oakwood Rd (Low Bid)</b>		<b>2,034,969.90</b>
Engineering/Administration		385,000.00
<b>TOTALS</b>	<b>\$ 3,269,433</b>	<b>\$ 3,266,896.74</b>

\*The savings identified is from:

- \$31,918 from 2018/19 Shared Use Path Expansion/Beedle to Franklin Park
- \$37,515 from 13<sup>th</sup>/Clark Multi-Modal Improvements

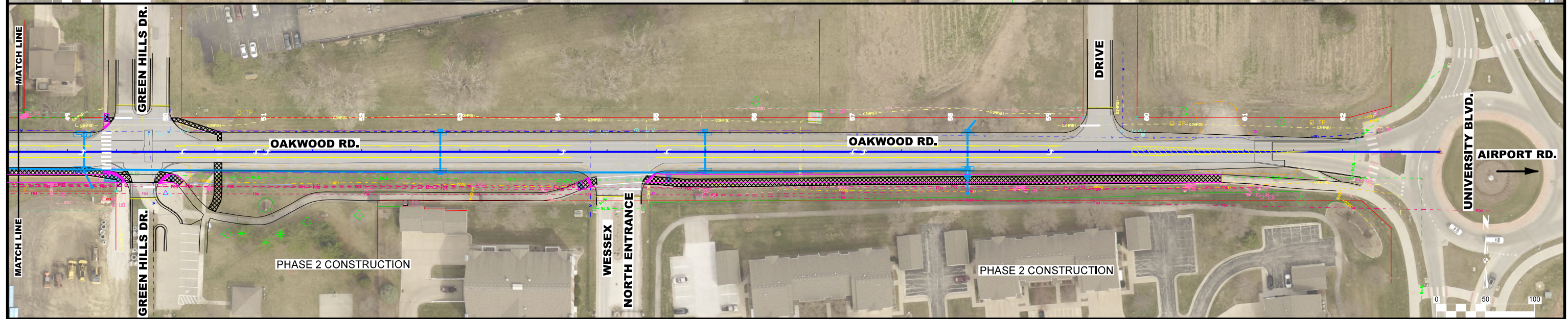
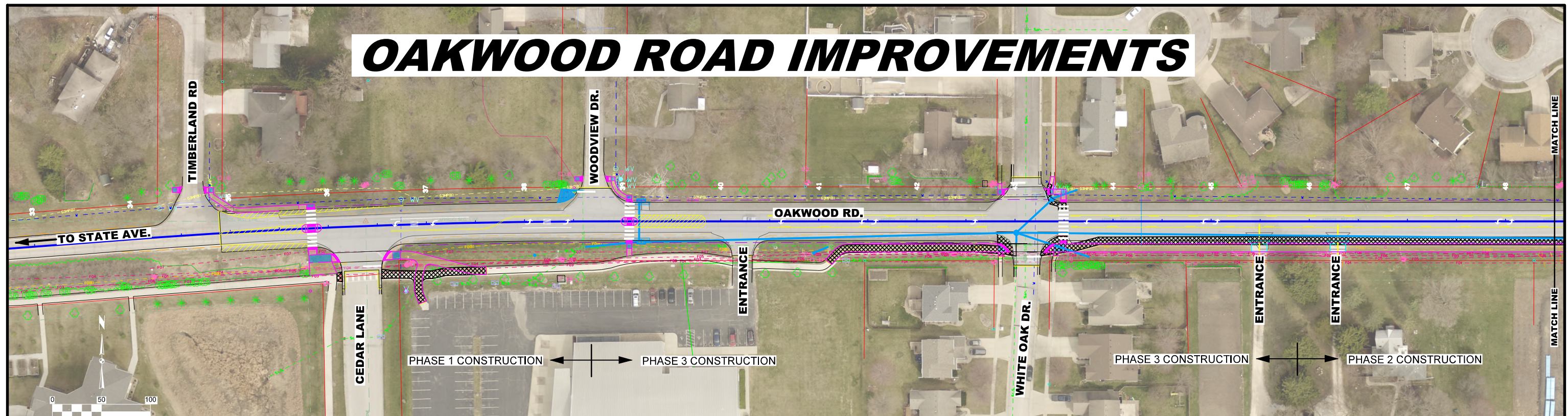
**ALTERNATIVES:**

1. a. Accept the report of bids for the 2022/23 Asphalt Street Pavement Improvements (Oakwood Rd) project.  
  
b. Approve the final plans and specifications for this project.  
  
c. Award the 2022/23 Asphalt Street Pavement Improvements (Oakwood Rd) project to Con-Struct Inc, of Ames, Iowa, in the amount of \$2,034,969.90.
2. Do not proceed with this project.

**CITY MANAGER'S RECOMMENDED ACTION:**

Accepting the report of bids and awarding the project will result in lower street maintenance costs, improved drainage, and a better neighborhood aesthetic. Therefore, it is the recommendation of the City Manager that the City Council adopt Alternative No. 1a-c, as described above.

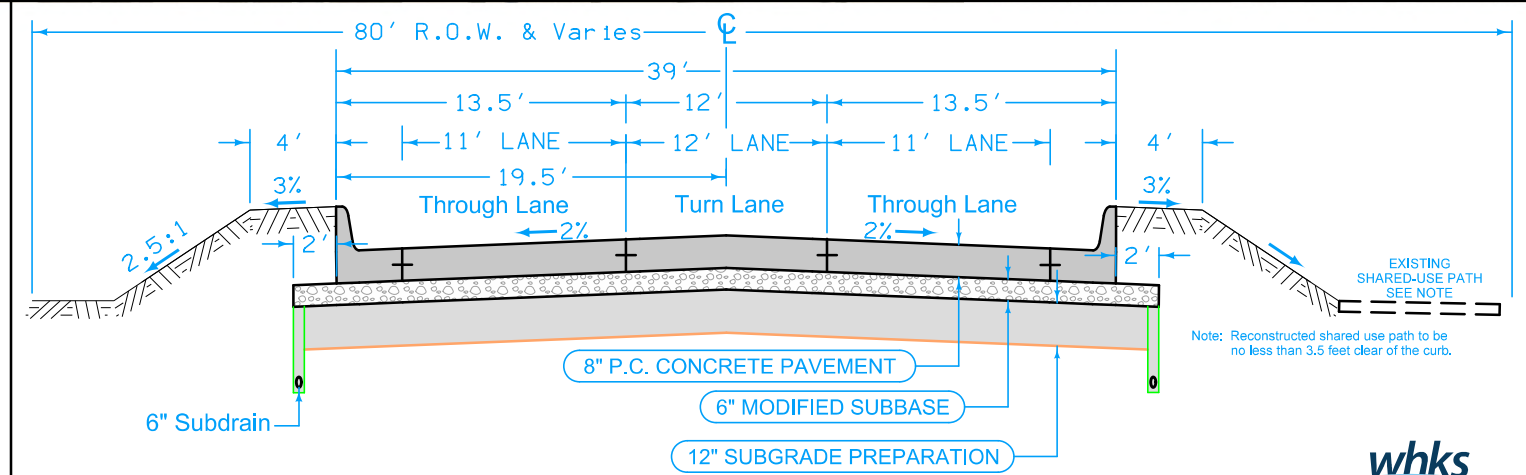
# OAKWOOD ROAD IMPROVEMENTS



## PROJECT FEATURES

(INCORPORATING PUBLIC COMMENTS AND FURTHER DESIGN WITH ADDITIONAL FUNDING)

1. REPLACES DETERIORATING PAVEMENT IN AREAS ALONG OAKWOOD RD. FROM STATE AVE. TO UNIVERSITY BLVD. SUBJECTED TO THE HIGHEST TRAFFIC. PROJECT FUNDING IS ALLOCATED TO IMPROVEMENTS WHERE THEY ARE NEEDED MOST.
2. PROVIDES TWO-WAY LEFT TURN LANE FOR 11 LEFT TURNS IN AN AREA WITH INCREASING TRAFFIC. THIS ENHANCES OVERALL SAFETY IN TERMS OF FEWER CONFLICT POINTS AND IMPROVED TRAFFIC FLOW AT TURNING LOCATIONS. OAKWOOD ROAD TRAFFIC WILL OPERATE AT A HIGHER LEVEL OF SERVICE BEING A PRIMARY CONNECTION TO THE ROUNDABOUT INTERSECTION WITH UNIVERSITY BLVD. AND AIRPORT RD.
3. PROVIDES AN ADDITIONAL STORM SEWER TRUNK LINE ALONG OAKWOOD RD. THAT PROVIDES AN APPROXIMATE ADDITIONAL 30% STORM SEWER CAPACITY THAT LOWERS UPSTREAM FLOODING IMPACTS OF LOW POINT AREAS ADJACENT TO OAKWOOD RD., WOODVIEW DR., WHITE OAK DR., SUNCREST DR., SUNDOWN DR., COTTONWOOD RD. (NEAR WHITE OAK DR.), CEDAR LANE, AND TIMBERLAND ROAD. THE PROPOSED ADDITIONAL CAPACITY REDUCES THE PROBABILITY OF LOW AREA PONDING BY AN ESTIMATED 50%, AND REDUCES FLOODING IMPACTS OF ANY PARTICULAR STORM EVENT.
4. IMPROVES SIDEWALK AND SHARED USE PATH CONNECTIONS AND CONDITIONS. ADDS RAPID FLASHING BEACONS AT GREEN HILLS DR. PROVIDES ACCESSIBLE PATHS AND CROSSINGS FROM TIMBERLAND RD. AND WOODVIEW DR. TO THE OAKWOOD RD. SHARED USE PATH. ADDITIONAL SEPARATION AND CURB IS PROVIDED FROM THE SHARED USE PATH BETWEEN WHITE OAK DR. AND GREEN HILLS DR. PROVIDES ENHANCED CROSSING LOCATIONS WITH CROSSWALK BARS FOR OAKWOOD RD. CROSSINGS. REPLACES POOR CONDITION PAVEMENT AND RAISES THE SHARED USE PATH IN THE LOW AREA WEST OF UNIVERSITY BLVD. THE PROJECT MEETS AMERICAN DISABILITY ACT AND OVERALL, ENHANCES SAFETY FOR TRAFFIC AND PEDESTRIANS.



OAKWOOD ROAD PROPOSED TYPICAL STREET CROSS SECTION