



Staff Report

May 1, 2023 Council Regular Meeting

Grand Ridge and Brady Road Intersection Improvements Bids

Presenter: James Carothers, Engineering Manager

Time Estimate: Five minutes

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BACKGROUND: The intersection of Grand Ridge Drive and NW Brady Road was constructed under Clark County jurisdiction in 1998. Through annexation of the Grand Ridge development and surrounding area, the City took ownership of all infrastructure assets, including this intersection, from Clark County in 2016. During the public comment period on the 2021 Six Year Transportation Plan, Grand Ridge community members expressed concerns regarding intersection safety to Council and Staff. Based on public testimony and Council discussion, staff recommended this project's inclusion on the Six Year Street Plan. The 2022 budget allocated \$75,000 from Street Fund for design engineering. Improvements will include sight distance enhancements, intersection illumination, pavement rehabilitation, a new left turn lane and enhanced roadway striping and signage.

SUMMARY: In 2023 Engineering staff completed design of the proposed improvements. On April 21, 2023 the City received and opened four construction bids. The apparent low bidder, Odyssey Contracting LLC, has a bid irregularity that requires determination from Council. Odyssey's bid is \$247,584. The second low bidder, Advanced Excavation Specialists, LLC, bid \$280,959. The City Engineering Estimate was \$296,521.

Odyssey neglected to turn in a signed Bid Bond Acknowledgment with their bid. The Bid Bond Acknowledgement is required to be turned in with bid package to disclose how the proposal will be secured; by cash, check, or by bid bond. Odyssey did turn in a signed and notarized bid bond with their bid.

Council will be asked to decide whether Odyssey's bid proposal has a minor or substantial irregularity. If Council deems Odyssey's bid to have a substantial irregularity, Odyssey's bid must be rejected. If Council rules this irregularity is minor, Council must decide whether to accept or reject Odyssey's bid.

Upon ruling on Odyssey's bid, staff recommends that Council Award the project to the lowest responsive bidder.

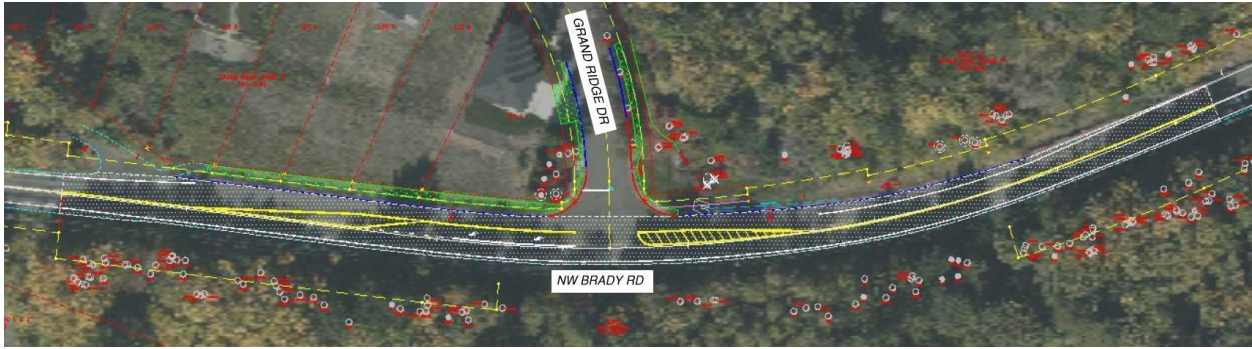


Figure 1: Proposed Improvements and Project Location.



Figure 2: NW Brady Road at Grand Ridge DR Looking West showing Pavement distress.

BENEFITS TO THE COMMUNITY: Improvements to the intersection at Grand Ridge Drive and NW Brady Road will increase safety for all road users while bringing the intersection up to current City Design Standards. This project aligns with the City Pavement Management Program and Transportation Comprehensive Goals and Policies.

POTENTIAL CHALLENGES: Construction of the improvements will cause minor daytime traffic delays and noise disturbances to nearby residents. Engineering staff will coordinate work with the contractor to limit traffic delays and noise disturbance as much as possible.

BUDGET IMPACT: The apparent low bidder is Odyssey Contracting. Their construction bid is \$247,584. With a 10% allowance for change orders and overruns, the construction cost could be as high as \$272,343. Currently this project is partially funded by the 2023 Pavement Preservation Fund in the amount of \$100,000. Staff recommends that \$60,000 be carried over from the 2022 budget and the remaining balance supplemented in an upcoming omnibus.

Option 1: Award to Odyssey Contracting LLC					
	Budget Year	Fund Source	Allocation	Expense	Total
Carryover	2022	Street Fund	\$75,000	(\$15,000)	\$60,000
Current Budget	2023	Street Fund	\$100,000		\$100,000
Current Funding Total					\$160,000
Apparent Low Construction Bid+10%					\$272,343
Calculated Budget Supplement Needed					\$112,343

Figure 3: Option 1 Odyssey Contracting Funding

The second low bidder is Advanced Excavation Specialist. Their construction bid is \$280,959. With a 10% allowance for change orders and overruns, the construction cost could be as high as \$309,055.

Option 2: Award to Advanced Excavation Specialist					
	Budget Year	Fund Source	Allocation	Expense	Total
Carryover	2022	Street Fund	\$75,000	(\$15,000)	\$60,000
Current Budget	2023	Street Fund	\$100,000		\$100,000
Current Funding Total					\$160,000
Second Low Construction Bid+10%					\$309,055
Calculated Budget Supplement Needed					\$149,055

Figure 4: Option 2 Advanced Excavation Specialist Funding Table

RECOMMENDATION: Staff recommends Council determines the Odyssey bid irregularity as minor or substantial and award this bid to the lowest responsive bidder with 10% change order authorization.