



**PURCHASING ITEM
FOR
COUNCIL AGENDA
Memo No. TE17-019**

1. Agenda Item Number:
30
2. Council Meeting Date:
November 10, 2016

TO: MAYOR & COUNCIL
THROUGH: CITY MANAGER

3. Date Prepared: October 18, 2016
4. Requesting Department: Transportation & Development

5. SUBJECT: Construction contract to Roadway Electric, LLC, for Flashing Yellow Arrow Signal Equipment Upgrade

6. RECOMMENDATION: Staff recommends City Council award a construction contract to Roadway Electric, LLC, for Flashing Yellow Arrow Signal Equipment Upgrade, Project No. ST1510.401, in an amount not to exceed \$826,701.

7. BACKGROUND/DISCUSSION: The City of Chandler has been testing and using flashing yellow arrows since 2010 to improve intersection safety and reduce traffic delays. The benefits and results of this testing were presented to the Public Safety Council Subcommittee on July 22, 2015, and the availability of federal funds was identified. This project will add 59 signalized intersections to the current list of 14 flashing yellow arrow intersections in the field today. The City received a Congestion Mitigation and Air Quality (CMAQ) grant in the amount of \$633,281, representing 77% of the total project cost.

This work will involve replacing and/or adding more than 400 new signal heads, and replacing more than 100 new signal mast arms at various locations. The contractor will supply all traffic signal heads and miscellaneous hardware equipment, and is responsible for removing old equipment, installing and rewiring the new traffic signal heads.

8. EVALUATION: Six (6) bids were opened on October 25, 2016. The bid results were as follows:

Contractor	Bid Total	Contractor	Bid Total
Roadway Electric, LLC	\$826,701.00	J. Banicki Construction, Inc.	\$1,142,895.00
CS Construction, Inc.	\$952,142.00	Contractors West, Inc.	\$1,230,560.00
AJP Electric, Inc.	\$972,480.00	Kimbrell Electric, Inc.	\$1,246,550.17

The engineer's estimate for this project is \$742,603. The construction contract time is 210 calendar days for substantial completion, and 240 days for final completion.

9. FINANCIAL IMPLICATIONS:

Cost: \$826,701
Savings: None
Long Term Costs: None
Fund Source:

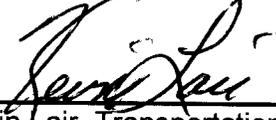
<u>Account No.:</u>	<u>Fund Name:</u>	<u>Program Name:</u>	<u>CIP Funded:</u>	<u>Amount:</u>
417.3310.6517.6ST688	Grant - CMAQ	Flashing Yellow Arrow Installation	Yes	\$ 633,281
411.3310.6516.6ST688	GO Bonds	Flashing Yellow Arrow Installation	Yes	\$ 36,312
411.3310.6517.6ST322	GO Bonds	New Traffic Signals	Yes	\$ 157,108

10. PROPOSED MOTION: Move City Council award a construction contract to Roadway Electric, LLC, for Flashing Yellow Arrow Signal Equipment Upgrade, Project No. ST1510.401, in an amount not to exceed \$826,701.

ATTACHMENTS: Location Map

APPROVALS

11. Requesting Department



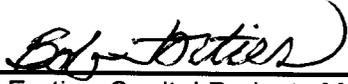
Kevin Lair, Transportation Manager

13. Department Head



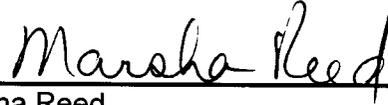
R.J. Zeder, Transportation & Development Director

12. Transportation & Development



Bob Fortier, Capital Projects Manager

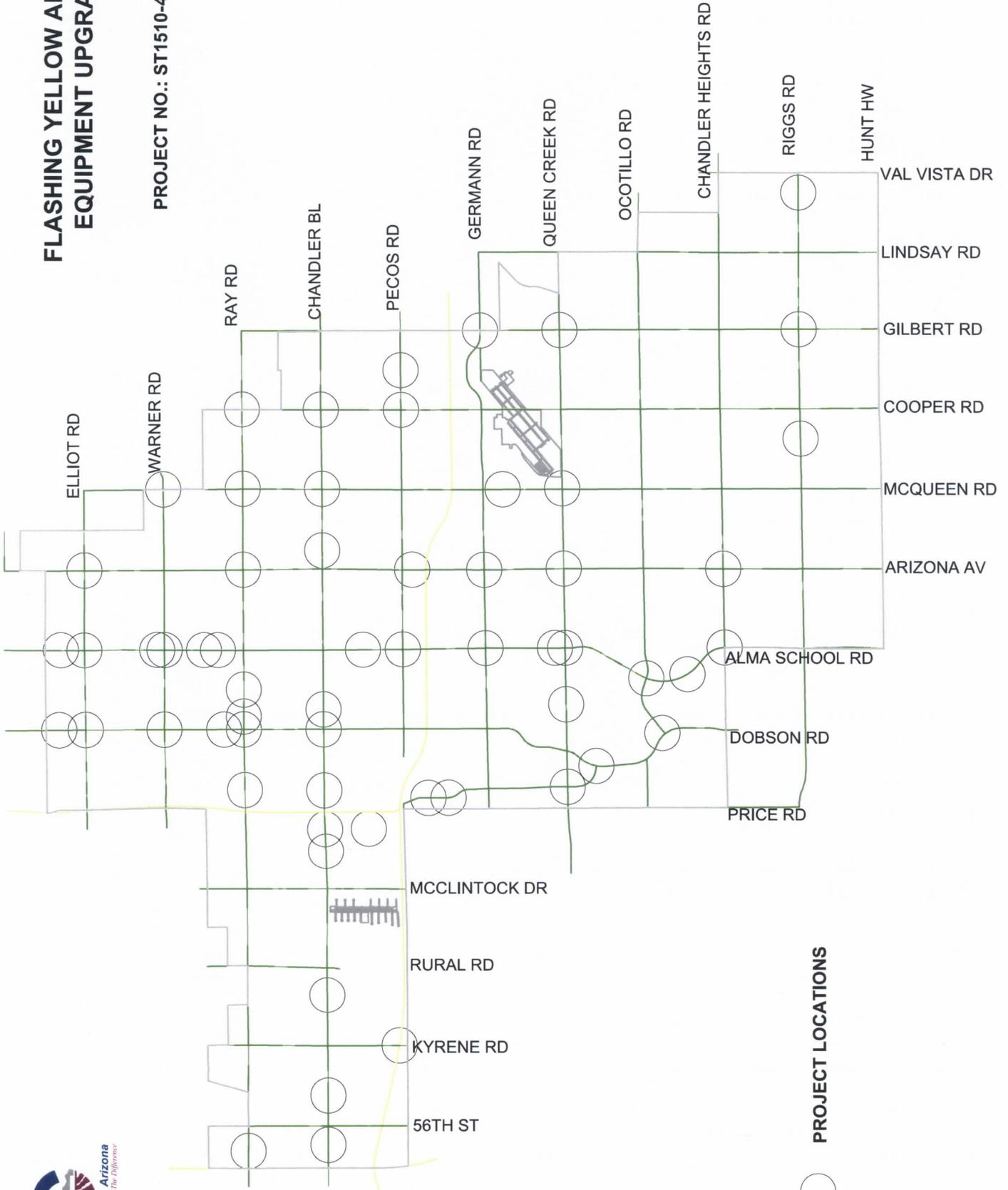
14. City Manager



Marsha Reed

FLASHING YELLOW ARROW EQUIPMENT UPGRADE

PROJECT NO.: ST1510-401



○ PROJECT LOCATIONS

