



# 24  
NOV 20 2014

**MEMORANDUM    Transportation & Development Department - Memo No. CP15-136**

**DATE:**            NOVEMBER 20, 2014

**TO:**                MAYOR AND COUNCIL

**THRU:**            RICH DLUGAS, CITY MANAGER *RD*  
MARSHA REED, ASSISTANT CITY MANAGER *MR*  
R.J. ZEDER, TRANSPORTATION & DEVELOPMENT DIRECTOR *RJ*

**FROM:**            BOB FORTIER, CAPITAL PROJECTS MANAGER *BF*

**SUBJECT:**        ROADWAY ALIGNMENT FOR ALMA SCHOOL ROAD AND CHANDLER  
BOULEVARD INTERSECTION IMPROVEMENTS

RECOMMENDATION: Staff recommends City Council approve the alignment for Alma School Road and Chandler Boulevard Intersection Improvements.

BACKGROUND AND DISCUSSION: The purpose of this project is to improve safety by adding protected left turn movements with double left turn bays and right turn lanes in all four (4) directions through the Chandler Boulevard and Alma School Road intersection. Also, additional capacity will be added with the construction of a third travel lane on northbound and southbound Alma School Road through the intersection along with queue jumper bus lanes on eastbound and westbound Chandler Boulevard.

The intersection handles approximately 61,000 vehicles per day and had the fourth highest collision rate in the City in 2012. A before and after crash analysis of similar intersection improvement projects in Chandler showed accidents decreased an average of 43 percent.

The project limits will extend along Chandler Boulevard from approximately 900 feet west and 1,200 feet east of Alma School Road. Along Alma School Road, the limits extend from 1,300 feet south to 1,000 feet north of Chandler Boulevard.

The attached map of the recommended alignment shows that only partial right-of-way acquisitions are required for this project. There is no impact to parking at the commercial development. Adjacent land ownership within the project limits are privately owned and consist of developed commercial and residential properties. Alignment approval is requested to acquire partial right-of-way and any necessary easements from approximately 20 property owners.

Public and business meetings were held on July 15, 2014. City Staff presented the proposed project and solicited public input. Staff presented project information, responded to questions, and received additional input from business owners and residents. Meeting attendees showed overall support for the project. However, concern about the impact the project will have on businesses during construction was raised at the meetings. The project will provide as much access to the adjacent businesses as possible and will have the shortest construction time that is reasonable for the project. Staff directed the property owner to view traffic accounts and accident reports posted at City's website for the past three (3) years and will provide more traffic information as requested. Attendees were invited to attend future stakeholder meetings for additional project information and input.

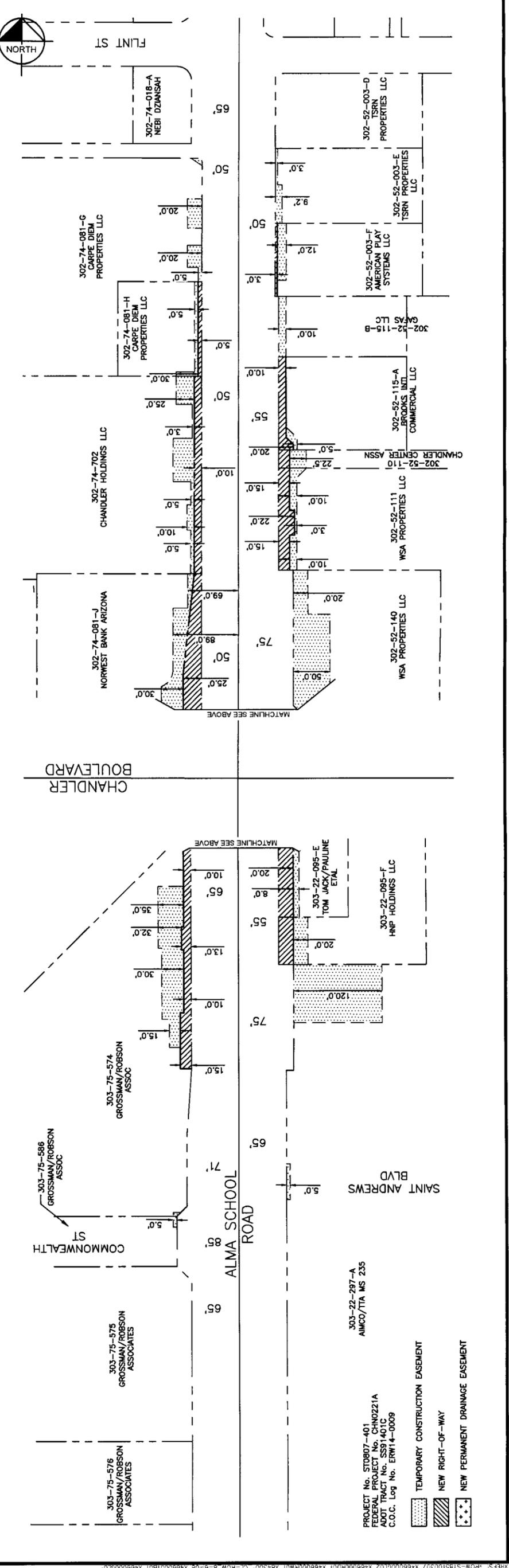
FINANCIAL IMPLICATIONS: The total estimated cost for this project is \$9,552,622 (includes design, right-of-way acquisitions, utility relocation, and construction). This cost will be offset by a federal Highway Safety Improvement Program (HSIP) grant in the amount of \$5.4 million. Additionally, the City is programmed to receive a maximum total of \$1.25 million in Regional Area Road Fund (RARF) reimbursement and \$2.1 million in federal Surface Transportation Program (STP) funds. Grants revenues are subject to City cost sharing in the amount of 5.7% for both the HSIP and STP funds and 30% for the RARF funds committed to the project.

PROPOSED MOTION: Move City Council approve the alignment for Alma School Road and Chandler Boulevard Intersection Improvements.

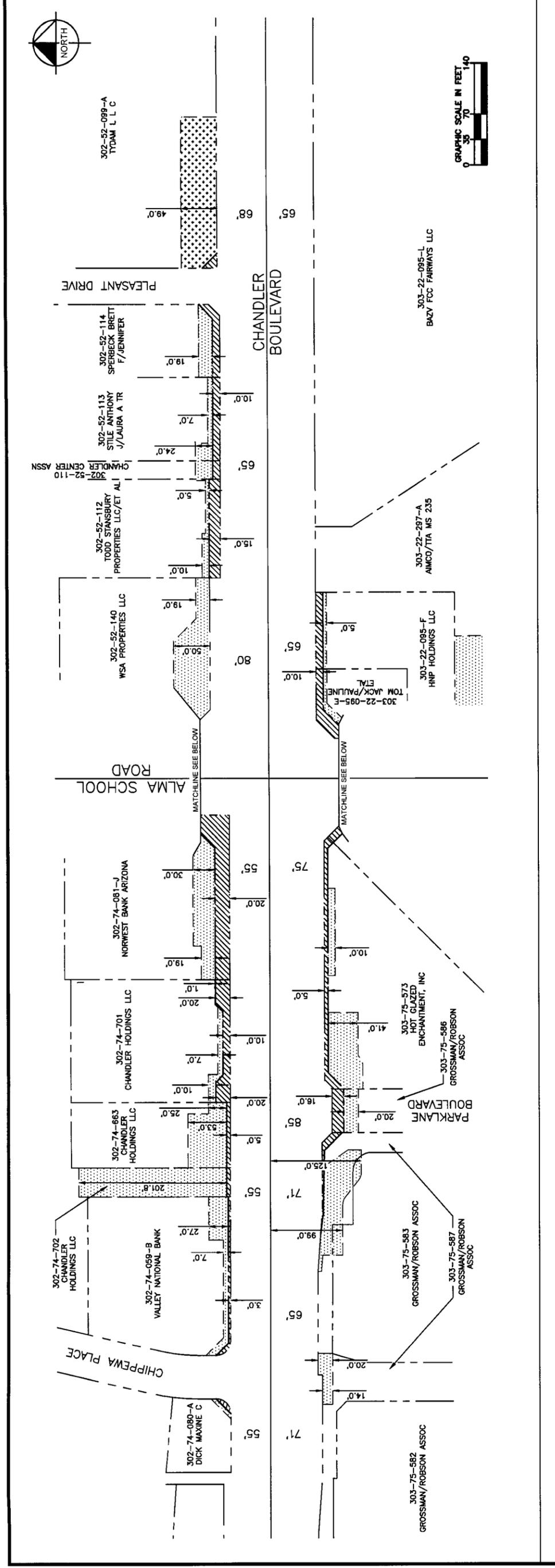
Attachment: Map



PRELIMINARY	95%
For Review	
NOT FOR CONSTRUCTION OR RECORDING	
PROJECT NO.	ST0807-401
SHEET NAME	
1	OF 1



NO.	REVISION	DATE



**Kimley»Horn**