

AGENDA ITEM # _____

DATE: August 31, 2015

COAC NUMBER: 15-5658

**CITY OF GOODYEAR
CITY COUNCIL ACTION FORM**

SUBJECT: Approve the execution of an Intergovernmental Agreement with the Arizona Department of Transportation for a Noise Re-evaluation Study.	STAFF PRESENTER: Rebecca Zook, Engineering Director COMPANY: ADOT CONTACT: Cynthia Childers
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RECOMMENDATION:

Approve the execution of an Intergovernmental Agreement (JPA 15-0005343) with the State of Arizona (State), acting by and through its Department of Transportation, to provide funding in the amount of \$50,000 for a noise re-evaluation study. The study is to be conducted along the north side of Interstate 10 (I-10) from State Route 303 (SR-303L) to Estrella/PebbleCreek Parkway.

PURPOSE:

The project will evaluate and determine the predicted future level of traffic noise, in decibels (dBA), to be generated along the north side of I-10, from SR-303L to Estrella/PebbleCreek Parkway. Measurement devices (receivers) will be placed along the north side of McDowell Road within the communities of PebbleCreek Phase 2 and Palm Valley Phase 8. The City will be leading the effort and will be responsible for managing the Study.

BACKGROUND AND COMMUNITY BENEFIT:

In February 2015, ADOT conducted a public meeting at PebbleCreek with their Home Owner Association (HOA) and surrounding communities, including Palm Valley, regarding the State's noise policy and to share recent findings taken within the PebbleCreek residential development. During the meeting, citizens spoke in opposition to the findings and the methodology used. Citizens also attended several council meetings following the February public meeting to voice their dissatisfaction to Mayor and Council. As a result, City Council asked staff to coordinate with ADOT regarding the concerns and questions raised by the public and identify a path forward.

Since that time, staff has met numerous times with ADOT regarding the concerns and the ability to conduct a re-evaluation. As a result of this effort, ADOT has agreed to fund a noise re-evaluation study in the amount of \$50,000. The City, in coordination with ADOT selected a qualified, independent consultant for the noise re-evaluation study.

On August 20, 2015, the City Manager authorized entering into a contract with DME Consultants, LLC to conduct the study for an amount not-to-exceed \$50,000. ADOT will reimburse the City as per terms of the IGA. In the negotiations of the contract with DME, the schedule provides for noise study results by mid-September.

The Study will evaluate traffic noise at the subdivisions located along the north side of the I-10 corridor from SR-303L to Estrella/PebbleCreek Parkway, and adjacent to the westbound lanes of McDowell Road. Receivers will be placed for both long and short term durations. The long term receivers will be located at designated locations along the corridor for a minimum of 72 hours. The Study will determine and evaluate the predicted noise levels for all receivers through computer modeling. The Study will also model and predict the noise levels along the north side of I-10 with potential development in a build-out condition. In addition the Study will also model and predict the noise levels of I-10 with rubberized asphalt.

As part of the project, noise monitoring equipment is planned to be installed on September 1, to begin the Long Term (LT) traffic noise monitoring which will take approximately 3 days. The following week the consultant will begin taking shorter term traffic noise readings at 12 different locations. Some of these locations will be the same residential home or in the same proximity of those utilized by ADOT previously. ADOT has provided us a contact list of those property owners who participated in their study. We are coordinating with the appropriate HOAs to secure access to the residential backyard areas for the placement of sound level measurement equipment.

FISCAL ANALYSIS:

Under the terms of the IGA, this project will be funded with \$50,000 in State funding that will be reimbursed to the City. There is no long-term City funding obligation and no City match requirement.

ATTACHMENTS:

1. IGA Amendment with State of Arizona
2. Initial Project Assessment [Map]