



City of Arts & Innovation

Transportation Board

TO: TRANSPORTATION BOARD **DATE: SEPTEMBER 1, 2021**

FROM: PUBLIC WORKS DEPARTMENT **WARD: 6**

**SUBJECT: CHALLEN STREET AT ORLANDO DRIVE & FOOTHILL AVENUE –
TEMPORARY NEIGHBORHOOD TRAFFIC CIRCLE PILOT PROJECT**

ISSUE:

Consideration of a temporary Neighborhood Traffic Circle improvement 6-month pilot project at the intersection of Challen Street and Orlando Drive / Foothill Avenue.

RECOMMENDATION:

That the Transportation Board recommend that the City Council approve a 6-month temporary Neighborhood Traffic Circle improvement pilot project at the intersection of Challen Street and Orlando Drive / Foothill Avenue.

BACKGROUND:

The Public Works Department may utilize Neighborhood Traffic Circles as traffic calming measures. Pilot projects using temporary materials and signage offer the ability to assess the impacts and effectiveness of the Neighborhood Traffic Circle improvement prior to the consideration of installation of more costly and permanent improvements.

DISCUSSION:

The Public Works Department received a petition from eighty-six percent (86%) of residents nearest the intersection of Challen Street at Orlando Drive / Foothill Avenue requesting that the City consider a 6-month pilot project to install temporary Neighborhood Traffic Circle improvements at the intersection. The intersection is currently equipped with multi-way stops, however, residents indicate that due to stop violations and speeding experienced at the intersection additional traffic calming is needed to deter violations and elevated travel speeds within their neighborhood.

To allow for evaluation of the impacts and effectiveness of a Neighborhood Traffic Circle at the intersection of Challen Street and Orlando Drive / Foothill Avenue, the Public Works Department supports a 6-month pilot project to install temporary improvements using

provisional materials. The 6-month pilot project would enable Public Works Department staff to review and assess the efficacy of a Neighborhood Traffic Circle at the intersection while also allowing residents to observe and provide input regarding Neighborhood Traffic Circle operations and resulting impacts to traffic traveling through their neighborhood. Based upon pilot project findings and resident feedback, the Public Works Department will formulate final recommendations regarding potential permanent improvements and will subsequently return to the Board to review all findings and recommendations.

FISCAL IMPACT:

The cost of materials and installation of the proposed temporary Neighborhood Traffic Circle is estimated to be \$10,099. Funding is available in the existing Public Works, General Fund, Streets Maintenance Division, Signing Supplies account number 4110100-424143, to cover this cost.

Prepared by: Philip Nitollama, City Traffic Engineer
Approved by: Gilbert Hernandez, Interim Public Works Director

Attachments:

1. Site Map
2. Aerial Map