



AGENDA MEMORANDUM

Public Hearing/First Reading for the City Council Meeting February 11, 2020
Second Reading for the City Council Meeting February 18, 2020

DATE: January 15, 2020

TO: Peter Zanoni, City Manager

FROM: Daniel McGinn, AICP, Director of Planning & Environmental Services
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Urban Transportation Plan Amendment for Oso Parkway & Related Streets
Located Between Weber Road (FM 43) and CR 20A and West of the Oso Creek

CAPTION:

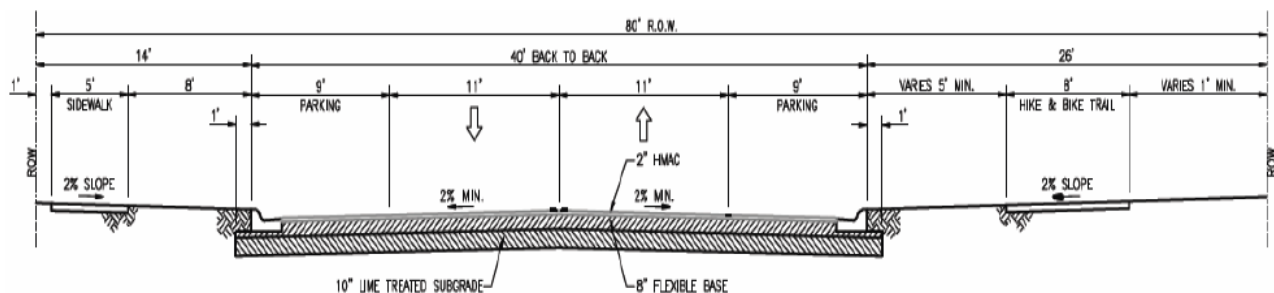
Ordinance amending the Urban Transportation Plan map of MobilityCC, a transportation element of the City's Comprehensive Plan, to adjust the location of the future Oso Parkway relative to the Oso Creek flood zones; to eliminate a north-south Collector street that becomes unnecessary when Oso Parkway is shifted westward; to adjust the connection between CR 43 East and Oso Parkway; and to connect CR 20A with Oso Parkway.

SUMMARY:

This ordinance amends the City's Urban Transportation Plan to shift Oso Parkway out of the Oso Creek floodway and 100-year flood zone where practical; to eliminate a duplicative north-south Collector street as a result of shifting Oso Parkway to the west; to adjust the connections between CR 43 East and Oso Parkway; and to connect CR 20A to Oso Parkway. The amendments improve the future street network in this area and the amendments are recommended for approval.

BACKGROUND AND FINDINGS:

The City's current Urban Transportation Plan was last updated in the subject area in 2010. The amendments created a half-mile grid street network with the proposed Oso Parkway on the west bank of the Oso Creek. The Oso Parkway is a Collector type street with a proposed right-of-way (ROW) width of 80 feet, a paved street width of 40 feet, and a paved hike-and-bike trail on the creek-side of the parkway as shown below.



Since the alignment of Oso Parkway was last proposed, new FEMA flood maps have been developed. The proposed Oso Parkway is currently shown within the Oso Creek floodway and within the 100-year flood zone. Development in the 100-year flood zone must adapt to special construction requirements and it is prohibited in the floodway. The Oso Parkway Plan also encourages preservation of the 100-year flood zone. Staff is proposing amendments that will better comply with FEMA guidelines and that improve connectivity in the subject area.

Description of the Amendment:

The proposed amendments will:

1. Realign Oso Parkway out of FEMA's floodway and 100-year flood zone where practical.
2. Delete a north-south Collector that becomes unnecessary when Oso Parkway is shifted west.
3. Improve the alignment of the CR 43 East connection with Oso Parkway.
4. Connect CR 20A to Oso Parkway to complete the street network.

Grid System

The City's Urban Transportation Plan in the area south/west of the Oso Creek was amended in 2010 to create a grid system of Arterial and C3 Collector streets. Arterials streets are planned every 1 to 1½ miles with Collector streets filling in the grid of Arterials streets and spaced every ¼ to ½ mile. A grid system increases the street network's ability to handle traffic. The grid pattern increases connectivity, increases the number of routes available to all users, and helps address congestion. Having alternate routes available to drivers/pedestrians/bicyclists makes for a more convenient transportation system for all users; assists emergency responders; and facilitates convenient detours during construction.

Hike/Bike Trails

The City's adopted "Strategic Plan for Active Mobility: Phase 1 Bicycle Mobility" did not layout bicycle infrastructure in the subject area, however, the City's adopted HikeBikeCC identifies the "Lakes Loop", which is a planned off-street trail along the Oso Creek. Oso Parkway, when constructed in accordance with the proposed amendments, will include construction of this off-street trail.

Analysis of the Amendment

The proposed amendments will maintain an adequate and efficient street network for the proposed land uses and will improve connectivity. The amendments better comply with FEMA guidelines for construction in flood zones.

Public Input

The proposed transportation plan amendments were reviewed by the Planning Commission and Transportation Advisory Commission and both commissions recommended approval of the proposed amendments. Additionally, landowners John C. Tamez and the Ocker Family, who are most impacted by the proposal, were asked to review the proposed amendments and are not opposed.

ALTERNATIVES:

No alternatives were considered.

FINANCIAL IMPACT:

No financial impact is associated with this item.

RECOMMENDATION:

Staff, Planning Commission and Transportation Advisory Commission recommend approval of the transportation plan amendment.

LIST OF SUPPORTING DOCUMENTS:

Ordinance with Exhibit
Presentation