



Technical Memorandum

To: El Paso County Planning and Community Development
From: SMH Consultants, Brett Louk
Date: 03/01/2022
Subject: Owl Ridge Subdivision Traffic Memo - PCD File No.

INTRODUCTION

SMH Consultants P.A. (SMH) was asked to prepare a traffic memo for the proposed Owl Ridge Subdivision. The intent of the traffic memo is to discuss the potential impacts, to the adjacent road network, of the proposed development. The traffic memo will satisfy the requirements as outlined in the El Paso County Engineering Criteria Manual (ECM).

METHODOLOGY

Per the ECM, a Traffic Impact Study (TIS) is not required if the following criteria are satisfied.

- Vehicular Traffic: (1) Daily vehicle trip-end generation is less than 100 or the peak hour trip generation is less than 10; (2) there are no additional proposed minor or major roadway intersections on major collectors, arterials or State Highways; (3) the increase in the number of vehicular trips does not exceed the existing trip generation by more than 10 peak hour trips or 100 daily trip ends; (4) the change in the type of traffic to be generated (i.e. the addition of truck traffic) does not adversely affect the traffic currently planned for and accompanied within, and adjacent to, the property; (5) acceptable LOS on the adjacent public roadways, accesses, and intersections will be maintained; (6) no roadway or intersection in the immediate vicinity has a history of safety or accident problems; and (7) there is no change of land use with access to a State Highway.
- Pedestrian Traffic: Paved pedestrian facilities exist or will be constructed on, or adjacent to, the site; or, the proposed use will not generate any new pedestrian traffic.
- Bicycle Traffic: Paved bicycle lanes or paths exist or will be constructed on, or adjacent to, the site; or, the proposed use will not generate any new bicycle traffic.

EXISTING CONDITIONS

The existing site is located at 18885 Brown Road, is approximately 61.6 acres in size, and is zoned RR-5. The existing site has one driveway off of Brown Road that serves the existing single-family residence, as well as an adjacent property. The existing site generates 2 trips in the A.M. peak hour, 2 trips in the P.M. peak hour, and 9 daily trips. There is no pedestrian or bicycle traffic generated by the existing site, nor any of these

facilities existing. The pages from The Institute of Transportation Engineers *Trip Generation Manual, 10th Edition*, utilized for the trip generation have been attached to this memo.

PROPOSED CONDITIONS

The site is proposed to be subdivided into three single-family residential lots. The three lots will be served by the existing driveway. The proposed site will generate 4 trips in the A.M. peak hour, 4 trips in the P.M. peak hour, and 29 daily trips. There are no proposed minor or major roadway connections; the acceptable LOS on adjacent public roadways, accesses, and intersections will be maintained; there are no roadways or intersections in the immediate vicinity with a history of safety or accident problems; and there is no change of land use with access to a State Highway. The proposed site will not generate any new pedestrian and bicycle traffic.

Traffic Impact Fee

The traffic impact fee for a development in El Paso County is \$3,830 per single family dwelling. This proposed development will consist of two new single-family dwellings. The existing single-family dwelling is exempt from traffic impact fees.

Traffic impact fees: 2 Single family dwelling units x \$3,830/dwelling unit = \$7,660

The Subdivider(s) agrees on behalf of him/herself and any developer or builder successors and assignees that Subdivider and/or said successors and assigns shall be required to pay traffic impact fees in accordance with the El Paso County Road Impact Fee Program Resolution (Resolution No. 16-454), or any amendments thereto, at or prior to the time of building permit submittals. The fee obligation, if not paid at final plat recording, shall be documented on all sales documents and on plat notes to ensure that a title search would find the fee obligation before sale of the property.

SUMMARY & RECOMMENDATION

In summary, it can be seen that the proposed subdivision meets all the criteria for not requiring a TIS to be submitted.

From a traffic perspective, the proposed development is an acceptable use of the property identified. The proposed development will have minimal impact on the adjacent road network.