

MEMORANDUM

DATE: October 5, 2021

TO: Honorable Mayor and City Commissioners

VIA: James Slaton, City Manager

FROM: Mark J. Bennett, Development Services Director

SUBJECT: Buck Moore Road Corridor Capacity Study Agreement

SYNOPSIS: *The proposed Buck Moore Road Corridor Capacity Study will identify needed roadway design requirements and implement a plan of action as new growth and development occurs along this road.*

RECOMMENDATION

Staff recommends the following:

1. Approval of the Buck Moore Road Corridor Capacity Study Agreement.
2. Authorize funding of the Study at an amount not-to-exceed \$25,000.

BACKGROUND

Along Buck Moore Road, a County-maintained collector road, there are a substantial number of undeveloped properties that have historically been used for citrus groves. Currently, this road operates at a Level of Service (LOS) of "B", and has a LOS Standard of "D". However, over the past few months, there have been five (5) proposed single-family residential projects totaling 684 units that have been approved in this area:

Leighton Landing - 46 units
80 Acres Project - 349 units
Buck Moore Heights (West Side) – 100 units
Robin's Run – 156 units
Robin's Walk – 33 units

The expected trip generation from these projects, combined with the existing traffic currently using the roadway during peak periods, could eventually result at some point in the future where an appropriate level of service cannot be maintained.

To provide for proactive planning to mitigate future impacts, staff has requested this proposal from our Transportation Planning Consultant (VHB) for a corridor capacity analysis. This analysis will identify both the short-term (5-10 years) and long-term (Year

2045) requirements for roadway design, plus intersection geometrics that will obtain/maintain the adopted level of service standard. This study includes both the evaluation of roadway capacity needs and multi-modal elements (bicycle, pedestrian, transit) that will be consistent with the anticipated services and vision for this area of the City.

Once completed, this study will be a guide for future development activity along Buck Moore Road. It will also be used to coordinate with Polk County for needed improvements.

OTHER OPTIONS

Decline to approve the execution of the agreement.

FISCAL IMPACT

Funds for Professional Services in the amount of \$25,000 for this study are in the FY 2021/2022 Development Services Department budget.

ATTACHMENTS

- Agreement for City of Lake Wales Buck Moore Road Capacity Study 09-10-2021