Engineering Services Committee Meeting

Meeting Date: May 13, 2025

Median Modification Design on Robert C. Daniel Pkwy and Exchange Drive

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Department:	Engineering & Environmental Services
Presenter:	Dr. Hameed Malik, Director
Caption:	Approve entertaining into a contract with Infrastructure Systems Management (ISM) per Annual Contract #25-241 in the amount of $30,000 to design a median modification to restrict some turning movements at the intersection of Robert C. Daniel Parkway and Exchange Drive to improve safety and traffic flow.
Background:	Currently, there are over 18,000 vehicles per day that travel along this portion of Robert C. Daniel Parkway near Wheeler Road. At this time, the northern end of Exchange Drive at the intersection of Robert C. Daniel Parkway has no turning restrictions. Within the last few months, a new Chick-fil-A restaurant has been completed and opened to the general public.
Analysis:	Prior to the construction of the new Chick-fil-A restaurant, this full-access, uncontrolled intersection had little side street traffic trying to enter onto Robert C. Daniel Parkway. Chick-fil-A restaurants have been known to generate anywhere between 3,000 to 5,000 vehicle trips each day. This is much higher than any of the other existing restaurants and businesses that utilize this intersection. According to the traffic study, a good percentage of the new trips will be utilizing Exchange Drive. For the overall safety of the traveling public and traffic flow, some turning movements will need to be restricted at this intersection.
Financial Impact:	Adequate funds are available for this use.
Alternatives:	Do not approve this request.
Recommendation:	Approve entering into a contract with ISM to complete the design and provide construction plans for a median island modification at the intersection of Robert C. Daniel Parkway and Exchange Drive.
Funds are available in the following accounts:	($30,000) 160-041710-52.12115 – Traffic Mitigation fees

HM/dp

REVIEWED AND APPROVED BY: