



CITY OF NORMAN

Development Review Form

Transportation Impacts

DATE: January 27, 2016

STAFF REVIEW BY: David R. Riesland, P.E.
City Traffic Engineer

PROJECT NAME: Victory Family Church Preliminary Plat **PROJECT TYPE:** Church
Owner/Designer: Victory Family Church Engineer: Crafton Tull Traffic Engineer: Crafton Tull

SURROUNDING ENVIRONMENT (Streets, Developments)

The east side of Flood Avenue near this site is Institutional to the north and Industrial to the south. The west side of Flood Avenue near this site is Commercial to the north and Industrial and Institutional to the south. The project maintains two access points along Flood Avenue and takes two new access points along 24th Avenue NW. Flood Avenue and 24th Avenue NW are the main north/south roadways.

ALLOWABLE ACCESS:

All proposed access points comply with Section 4018 of the City's Engineering Design Criteria.

EXISTING STREET CHARACTERISTICS (Lanes, Speed Limits, Sight Distance, Medians)

Flood Avenue: 5 lanes (existing/future). Speed Limit - 55 mph. No sight distance problems. Center turn lane.

24th Avenue NW: 2 lanes existing/3 lanes future. Speed Limit - 50 mph. No sight distance problems. Future center turn lane.

ACCESS MANAGEMENT CODE COMPLIANCE: YES ☒ NO ☐

Proposed number of access points for the development is in compliance with what is allowed in the subdivision regulations.

TRIP GENERATION

	Total	In	Out
Weekday	294	147	147
A.M. Peak Hour	18	11	7
P.M. Peak Hour	18	9	9

TRANSPORTATION IMPACT STUDY REQUIRED? YES ☐ NO ☒

The trip generation potential for this development is below the threshold for when a traffic impact study is required. Regardless, a traffic impact analysis was requested to evaluate trip generation potential and to discuss potential driveway connections to 24th Avenue NW. This analysis was submitted by Crafton Tull on January 22, 2016. Modifications were requested to the analysis with revisions received on January 27, 2016. No negative impacts are anticipated.

RECOMMENDATION: **APPROVAL** ☒ **DENIAL** ☐ **N/A** ☐ **STIPULATIONS** ☐

Recommendations for Approval refer only to the transportation impact and do not constitute an endorsement from City Staff.

The site plan for the proposed Victory Family Church project involves the expansion of an existing Church facility to add 32,312 additional square feet. The Church is located on the east side of Flood Avenue between its intersections with Franklin Road and 24th Avenue NW. The existing Church has two driveways onto Flood Avenue. The expansion will add two more onto 24th Avenue NW.

The requested traffic impact analysis was completed by Crafton Tull and submitted for the subject development on January 22, 2016. Revisions to the analysis were requested and were received on January 27, 2016. The traffic analysis concluded that the location of the two proposed access points meet the criteria in the City's Engineering Design Criteria in terms of both spacing and sight distance requirements. The Church will be responsible for widening their half of 24th Avenue NW across their frontage tying into the three-lane section to the north that was constructed by Cleveland County for new correctional facility.