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August 28, 2024

Xavier University College of Osteopathic Medicine – Traffic Scoping



New Program Information:

- New Xavier University medical program – four-year doctoral program
- New College of Osteopathic Medicine building to be located in northwest corner of Dana Avenue and Station Way / Brooks Avenue
- Full capacity will accommodate 194 students per class and approximately 100 faculty and staff
 - Classes for first two years (388 students) will be in proposed building
 - Classes for last two years will be off-campus doing clinical rotations
- Generally, students will arrive at the new building for classes in the morning and stay throughout the day into the evening.
- Added parking demand to be accommodated in parking lots throughout campus.
- Living accommodations for medical students are expected to be both on-campus and off-campus. Students living off-campus are expected to consist of those that are close enough to walk and those that drive to campus.



Existing Xavier University Campus Information:

- Spring 2024 Enrollment – 5,648 students
 - 4,455 Undergraduate
 - 1,193 Graduate
- Recent enrollment numbers have varied ± 200 students from year to year
- For reference, in 2023, Xavier University issued 1,232 student commuter parking permits. This is approximately 21% of the average of the Fall 2023 and Spring 2024 enrollments (5,832 students).

Estimated Trip Generation:

- No trip generation data exists for this exact land use
- Added site trips proposed to be estimated using ITE land use code 550 (University/College) from difference in trips based on existing and proposed enrollments:

Land Use	ITE LUC	Size	Units	AM Peak			PM Peak			Total Daily Trips		
				Enter	Exit	Total	Enter	Exit	Total	Enter	Exit	Total
University/College (existing enrollment)	550	5,648	Students	661	186	847	271	576	847	4952	4951	9903
University/College (future enrollment)	550	6,036	Students	706	199	905	290	615	905	5219	5220	10439
Difference in Site Trips				45	13	58	19	39	58	267	269	536

Table A: Estimated Xavier College of Medicine Site Trips (added 388 students)

Intersection of Dana Avenue and Brooks Avenue:

- Previously identified for installation of traffic signal
- Signal pole foundations, pull boxes, and underground conduit previously constructed



NOTE: UNDERGROUND UTILITIES ARE PLOTTED FROM A COMPILATION OF AVAILABLE RECORD INFORMATION AND SURFACE INDICATIONS OF UNDERGROUND STRUCTURES AND MAY NOT BE INCLUSIVE. PRECISE LOCATIONS AND THE EXISTENCE OR NON-EXISTENCE OF UNDERGROUND UTILITIES CANNOT BE VERIFIED. PLEASE NOTIFY THE OHIO UTILITY PROTECTION SERVICE AT 811 OR 888-881-1111 BEFORE ANY PERIOD OF EXCAVATION OR CONSTRUCTION ACTIVITY.

INSPIRED PEOPLE ▶ CREATIVE DESIGN ▶ TRANSFORMING COMMUNITIES



80 Glastonbury Boulevard
Glastonbury, CT 06033-4410
Phone: 860 657-8077

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Drawn

MES

Checked

CAH

MSA DESIGN



XAVIER UNIVERSITY
College of Osteopathic Medicine

3800 VICTORY PARKWAY
CINCINNATI, OHIO

KEYPLAN

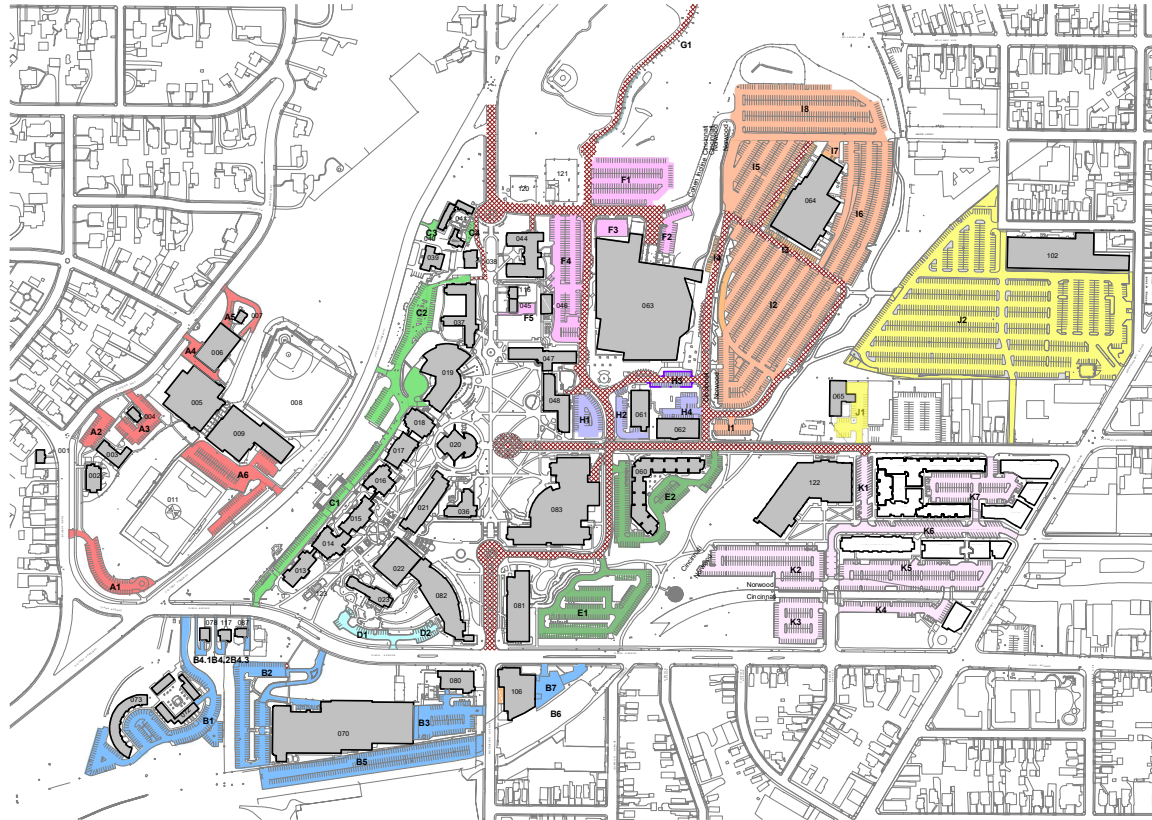
Number	Date	Issued For
1	12/20/2024	BULLETIN 1

TRAFFIC IMPACTS

Date
12/20/2024
Scale
AS INDICATED
Plot Number
23157.00

Drawing Number

11



PARKING SUMMARY*

- 3,517 = PARKING SPACES ON CAMPUS
- 873 = GAMEDAY PARKING SURPLUS
- 2,081 = AM PARKING SURPLUS

* PER 2022 XAVIER UNIVERSITY MOBILITY & PARKING STUDY

XAVIER UNIVERSITY IS LOCATED ON WASSON WAY WHICH HAS ANOTHER IMPORTANT NON-VEHICULAR MODE OF TRAVEL TO & FROM CAMPUS

XAVIER IS SURROUNDED BY 12 METRO BUS STOPS AND 5 METRO BUS LINES



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PARKING ANALYSIS

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12

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