Indiana University Campus Bus Service

Bus Stop Consolidation

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Overview

This report aims to outline the current state of bus stops on campus, the desired future state according to the Campus Master Plan (CMP), and recommendations for moving towards that plan.

Campus Core

Third Street (Between Jordan Ave. and Indiana Ave.)

Today there are 5 stops serviced by Campus Bus along this corridor. Every IU route except the X route uses these stops.

Stop	Stop Features	Recommendation
Third St. & Jordan Ave.	Bus cut-awayShelterCurb stopTrash can	The CMP calls for this stop to be a major transfer point for future IU and BT routes. This stop should remain as one of two main access points to Third St.
Memorial Hall	Curb StopTrash can	Memorial Hall is a candidate for removal. According to the Transportation Research Board (TSB) spacing guidelines this stop is not required, and adds unnecessary delay to routes.
Jordan Hall	Bus cut-awayShelterCurb stop	Jordan Hall should serve as one of two main access point to Third St. Jordan hall would be the end of the inbound trip for future A and B routes. Also, several other IU and BT routes currently use this stop.
Swain Hall	Curb Stop	Swain Hall is a candidate for removal. According to the Transportation Research Board (TSB) spacing guidelines this stop is not required, and adds unnecessary delay to routes.



Third St. & Indiana Ave.



Curb Stop

Third St. & Indiana Ave. is should remain. It is not a primary stop, but is needed as per TSB spacing policy

guidelines. As such, this stop is a candidate for feature upgrades.

Current Stop Spacing

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Key	Stop	Distance to next stop	Time Walking
N	Third St. & Jordan	623'	2 minutes
В	Memorial Hall	557'	2 minutes
С	Jordan Hall	688'	2 minutes
D	Swain Hall	754'	3 minutes
Е	Third St. & Indiana	820'	3 minutes



Proposed Stop Spacing

Key	Stop	Distance to next stop	Time Walking
В	Third St. & Jordan	1,148'	4 minutes
С	Jordan Hall	1,476'	4 minutes
D	Third St. & Indiana	820'	3 minutes



Indiana Avenue

Stop	Stop Features	Recommendation

Indiana Ave. & Kirkwood Ave.	Curb Stop	Indiana & Kirkwood should
		remain. It is the sole stop on the western portion of the core campus loop.

Key	Stop	Distance to next stop	Time Walking
Ε	Third St. & Jordan	1,155'	4 minutes

Proposed Stop Spacing

There are no proposed changes along this street.

Seventh Street (Core)

Stop	Stop Features	Recommendation
Seventh St. & Woodlawn Ave.	Curb Stop Trash can	The CMP calls for this stop to be a major transfer point for future IU and BT routes. This stop should remain as the main access point to the Indiana Memorial Union, and the proposed Woodlawn corridor.
Seventh St. (between University & Forest)	ShelterCurb stopTrash can	This stop is a candidate for removal. The CMP recommends that IU buses cease servicing this area of campus. The X bus would stop at 7 th and Woodlawn only.
Seventh St. (IU Auditorium)	Curb Stop	This stop is a candidate for removal. The CMP recommends that IU buses cease servicing this area of campus. The X bus would stop at 7 th and Woodlawn only.



Current Bus Stops

Key	Stop	Distance to next stop	Time Walking
Ε	Third St. & Jordan	1,127'	4 minutes



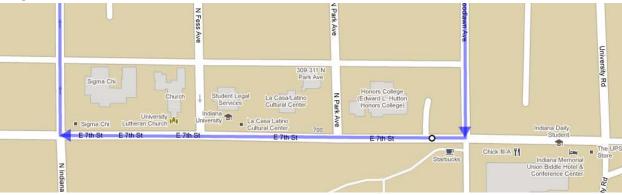
Proposed Bus Stops

The proposal for this area is not concerned with stop spacing, but rather bus routing. All buses running the campus core loop will continue to make the 7th and Union stop. It is proposed to remove both X route stops (F & G) above. The X bus would use the current BT stop on Woodlawn Ave. This stop is on the northwest corner of the intersection of 7th St. and Woodlawn Ave.

Current X Route



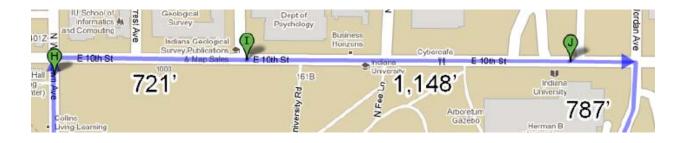
Proposed X Route



Tenth Street

Stop	Stop Features	Recommendation
Tenth St. & Woodlawn Ave.	Curb StopTrash can	The CMP calls for this stop to be a major transfer point for future IU and BT routes. This stop should remain as a main access point along the proposed Woodlawn corridor.
Tenth St. & Walnut Grove St.	Curb StopTrash can	This stop is acceptable as per TSB spacing guidelines.
Herman B. Wells Library	Bus cut-awayShelterCurb stopTrash can	The CMP calls for this stop to be a major transfer point for future IU and BT routes. This is the biggest bus stop on campus.

Key	Stop	Distance to next stop	Time Walking
Н	Tenth St. & Woodlawn Ave.	721'	3 minutes
1	Tenth St. & Walnut Grove St.	1,148'	4 minutes
J	Herman B. Wells Library	787'	3 minutes



There are no proposed stop changes along 10th St. However, it should be noted that the 787' distance from the Wells Library stop will increase. The next stop also services the library, and is a candidate for removal. The new distance will be 955'.

Jordan Avenue (Core between 10th & 3rd)

Stop	Stop Features	Recommendation
Herman B Wells Library	• Curb Stop	This stop is a candidate for removal. According to the Transportation Research Board (TSB) spacing guidelines this stop is not required, and adds unnecessary delay to routes.
Jordan Ave. (South of 7 th Street)	• Curb Stop	This stop is a candidate for relocation to 10 th St. The CMP calls for a major transfer point at that location.
Jordan Ave. (Musical Arts Center)	• Curb Stop	This stop is not set to be a transfer point according to the CMP. However, if the previous stop is shifted north as recommended this stop will be required to maintain reasonable spacing as per the TSB policy.

Current Bus Stops

Key	Stop	Distance to next stop	Time Walking
K	Herman B Wells Library	820'	3 minutes
L	Jordan Ave. (South of 7th Street)	688'	2 minutes
М	Jordan Ave. (Musical Arts Center)	984'	3 minutes



*Note: Map is rotated. From left to right the map runs South to North.

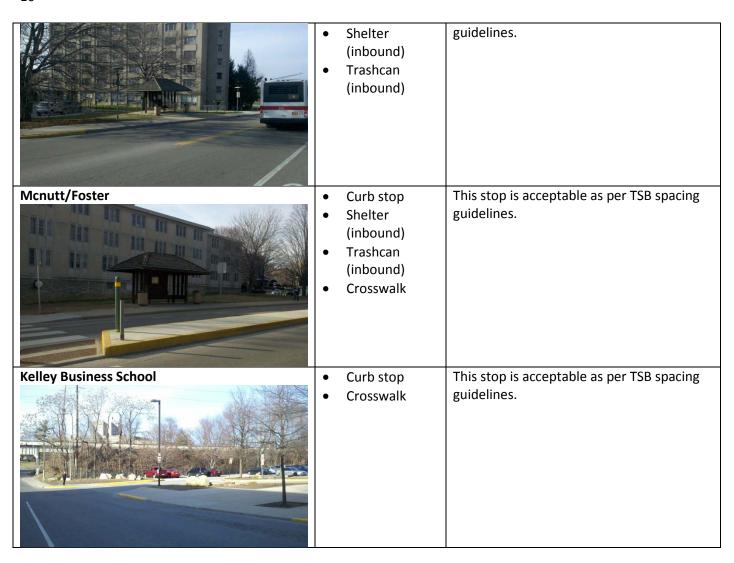
Proposed Bus Stops

Key	Stop	Distance to next stop	Time Walking
Ε	Jordan Ave. (South of 7th Street)	1,008'	3 minutes
F	Jordan Ave. (Musical Arts Center)	984'	3 minutes

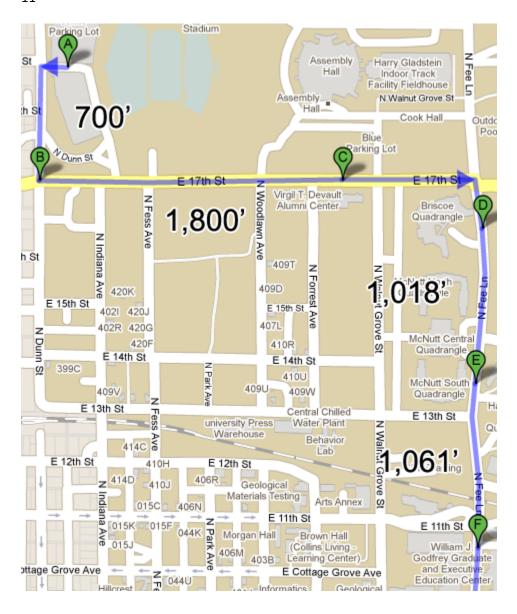


A Route

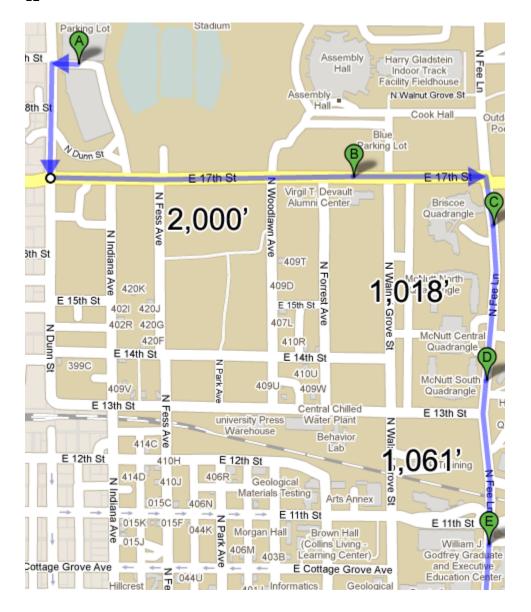
Stop	Stop Features	Recommendation
17 th & Dunn St.	Curb Stop (inbound)	This stop is a candidate for removal as per TSB spacing policy. Further, the outbound stop is not safe.
Alumni Center	• Curb Stop	This stop is acceptable as per TSB spacing guidelines.
Briscoe	Curb stop	This stop is acceptable as per TSB spacing

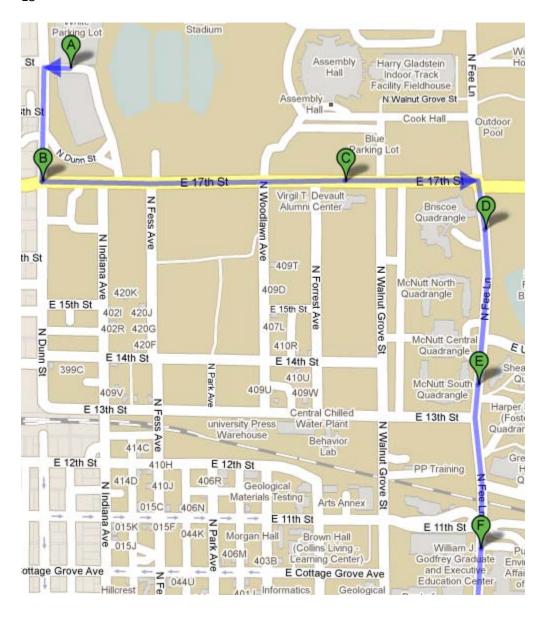


Key	Stop	Distance to next stop	Time Walking
Α	Stadium	700'	2 minutes
В	17 th St. & Dunn St.	1,800	7 minutes
С	Alumni Center	905'	3 minutes
D	Briscoe	1,018'	3 minutes
E	Mcnutt/Foster	1,061'	3 minutes
F	Kelley School of Business	773'	3 minutes



Key	Stop	Distance to next stop	Time Walking
Α	Stadium	2,000'	10 minutes
В	Alumni Center	905'	3 minutes
С	Briscoe	1,018'	3 minutes
D	Mcnutt/Foster	1,061'	3 minutes
E	Kelley School of Business	773'	3 minutes





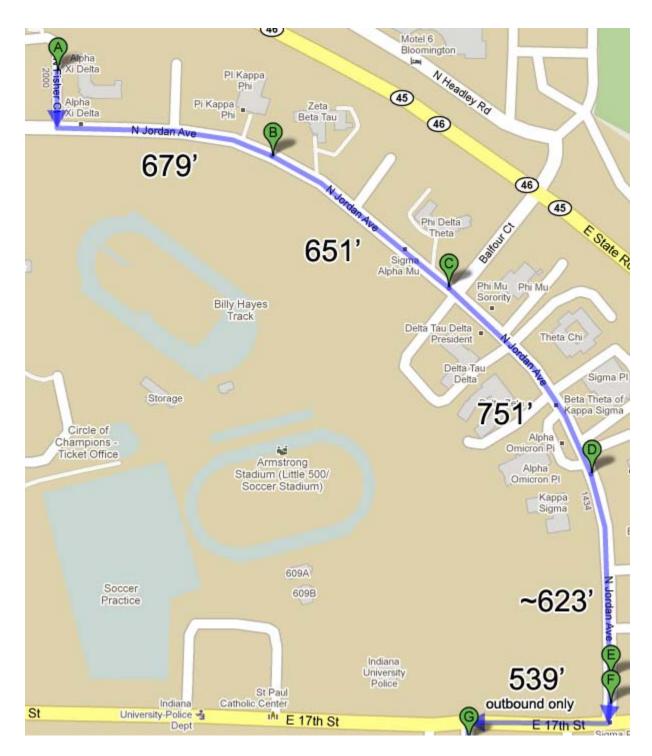
B Route

North Jordan Extension

Stop	Stop Features	Recommendation
Fisher Court STOP	Curb Stop	N/A
PKP / ZBT	Curb Stop	This stop is a candidate for

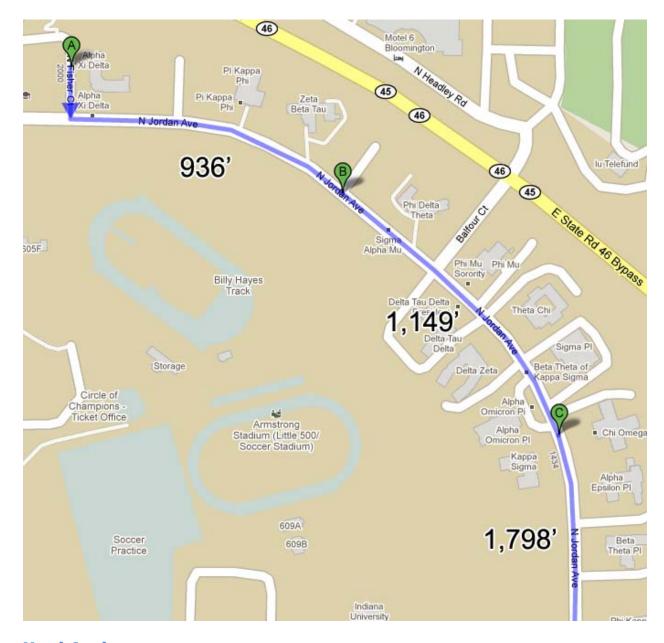
	• Trash Can	removal. According to the Transportation Research Board (TSB) spacing guidelines this stop is not required, and adds unnecessary delay to routes.
Phi Delta Theta	Curb StopTrash Can	This stop should remain. It is needed as per TSB spacing policy guidelines.
Kappa Sigma	• Curb Stop	This stop should remain. It is needed as per TSB spacing policy guidelines.
Phi Kappa Sigma	• Curb Stop	This stop is a candidate for removal. According to the Transportation Research Board (TSB) spacing guidelines this stop is not required, and adds unnecessary delay to routes.

Key	Stop	Distance to next stop	Time Walking
Α	Fisher Court	679'	2 minutes
В	PKP / ZBT	651'	2 minutes
С	Phi Delta Theta	751'	3 minutes
D	Kappa Sigma	~623′	2 minutes
E/F	Phi Kappa Sigma	539'	2 minutes



Key	Stop	Distance to next stop	Time Walking
Α	Fisher Court	936'	3 minutes
В	Phi Delta Theta	1,149'	4 minutes
С	Kappa Sigma	1,798	6 minutes

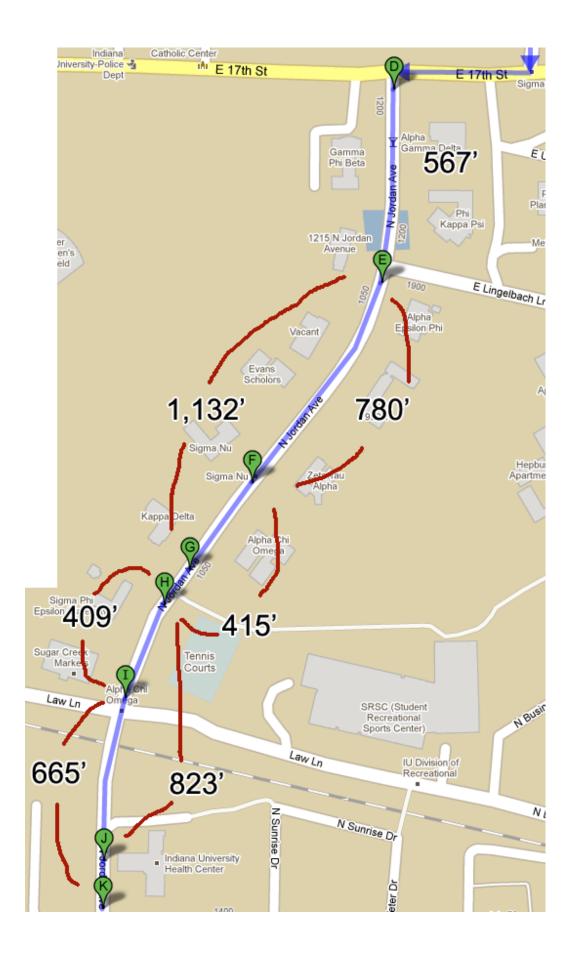
Note: A portion of the distance from Kappa Sigma to the next stop is 17th Street – which serves no houses. No passenger would have to walk more than ~600′ to reach this stop.



North Jordan

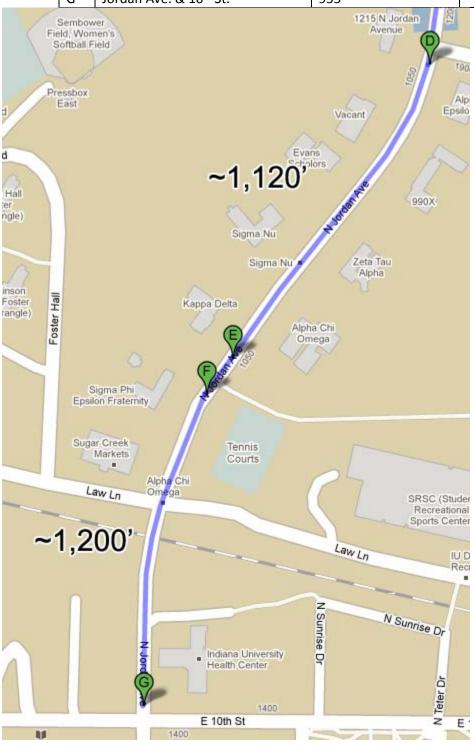
*Note: Pictures and stop information were omitted in this section due to the similarity to the extension, and the complexity of stops in this area.

Key	Stop	Distance to next stop	Distance to	Time Walking
		(South bound)	next stop	
			(North bound)	
D	Jordan Ave. & 17 th St.	N/A	1,798	6 minutes
Ε	Jordan Ave. & Lingelbach Ln.	1,132'	567'	4/2 minutes
F	Sigma Nu	N/A	780'	3 minutes
G	Kappa Delta	409'	N/A	2 minutes
Н	Sigma Phi Epsilon	N/A	415'	2 minutes
1	Jordan Ave. & Law Ln.	665'	N/A	2 minutes
J	IU Health Center	N/A	823'	3 minutes
K	Jordan Ave. & 10 th St.	955'	N/A	3 minutes



Proposed Bus Stops

Key	Stop	Distance to next stop	Distance to	Time Walking
		(South bound)	next stop	
			(North bound)	
D	Jordan Ave. & Lingelbach Ln.	~1,120′	1,798	4/6 minutes
E	Kappa Delta	~1,200′	N/A	4 minutes
F	Sigma Phi Epsilon	N/A	~1,120	4 minutes
G	Jordan Ave. & 10 th St.	955'	~1,200′	4 minutes

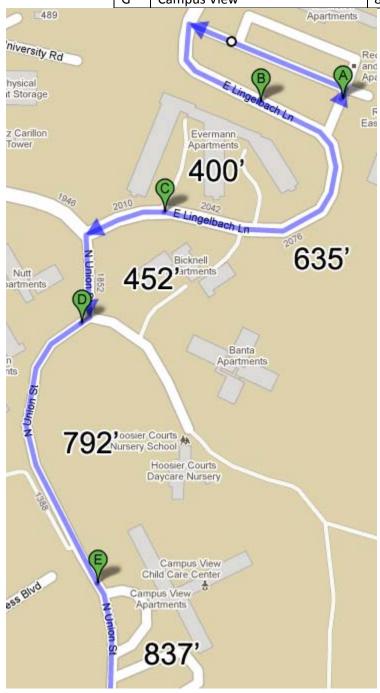


D/E Route

North of 10th Street

Stop	Stop Features	Recommendation
Evermann North The state of th	Curb StopTrash canBench	N/A
Redbud	None	This stop should be reevaluated as it is not a proper bus stop.
Evermann South	Curb StopShelter	This stop should be reevaluated as it serves the same areas as the two surrounding stops.
Union St.	Curb stop	This stop is acceptable as per TSB spacing guidelines.
Campus View	Shelter (inbound)Curb stop	This stop is acceptable as per TSB spacing guidelines.

Key	Stop	Distance to next stop	Time Walking
A/B	Evermann/Redbud	400'/635'	2 minutes
С	Evermann South	452'	2 minutes
D	Union St.	792'	3 minutes
G	Campus View	837'	3 minutes

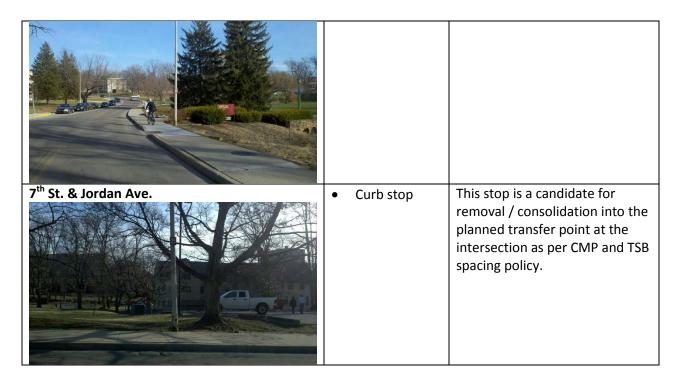


Proposed Stop Spacing

There are no proposals for change at this time.

South of 10th Street

Stop	Stop Features	Recommendation
10 th St. & Union St. 7 th & Union St.	Curb StopShelter (inbound)	This stop is acceptable as per TSB spacing guidelines.
	• Curb Stop	Move this stop North away from the intersection
Willkie	ShelterCutawayCurb stop	This stop is acceptable as per TSB spacing guidelines.
Forest	Curb stopTrash can	This stop is acceptable as per TSB spacing guidelines.
7 th St. & Teter Dr.	Curb Stop	This stop is acceptable as per TSB spacing guidelines.





There are only two proposals in this area:

- Remove the 7th St. stop closest to Jordan Ave.
- Move the inbound 7th and Union stop to the North to give the bus more room to turn safely

