



ZONING COMMISSION
District of Columbia

CASE NO. 12-15

EXHIBIT NO. 30

GALLAUDET UNIVERSITY 2022 CAMPUS PLAN

TRANSPORTATION PRESENTATION

NICOLE WHITE, P.E., PTOE



ZONING COMMISSION HEARING

**Washington, DC.
November 26, 2012**

ZONING COMMISSION
District of Columbia
CASE NO.12-15
EXHIBIT NO.30

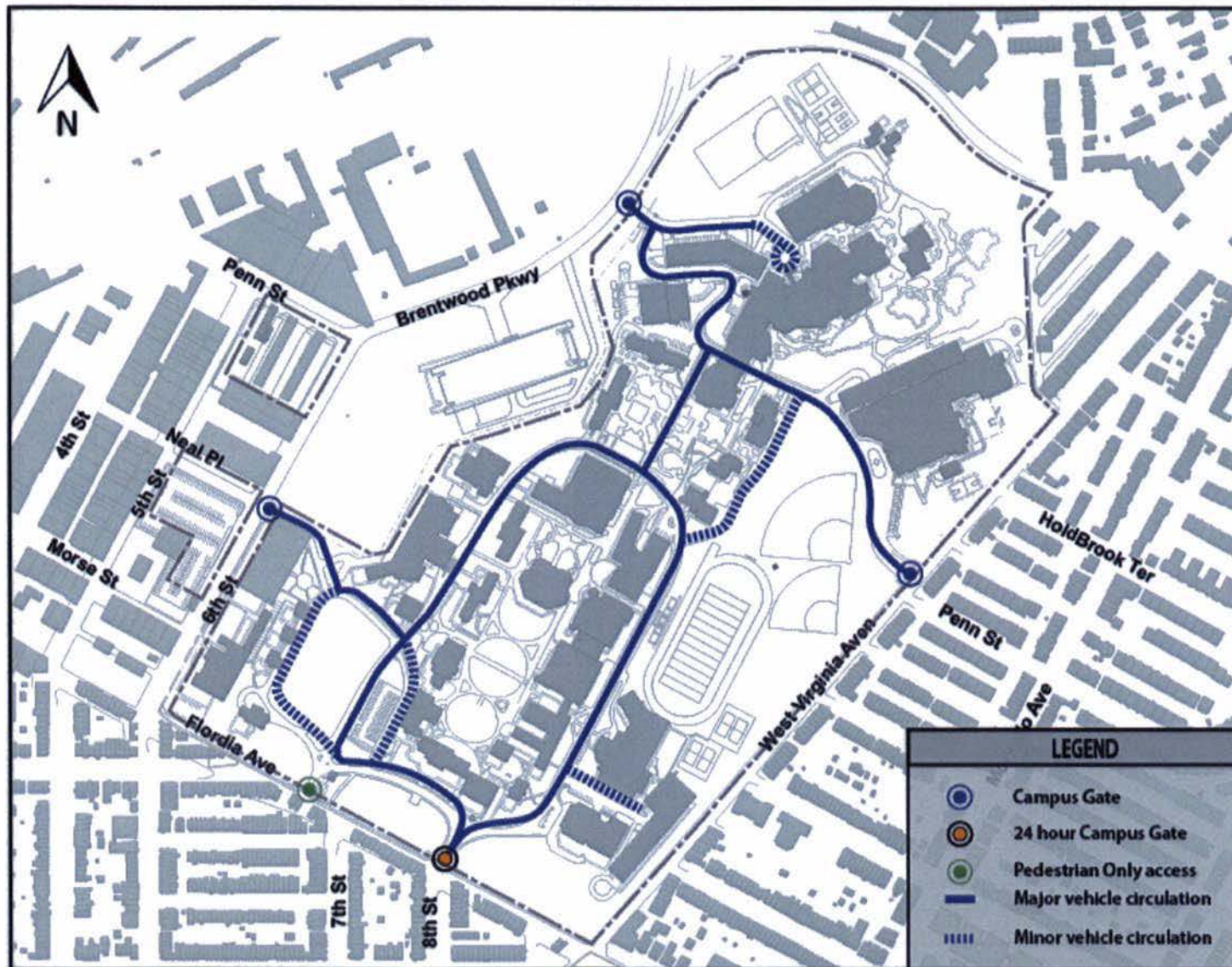
GALLAUDET CAMPUS LOCATION



Gallaudet University 2022 Campus Plan

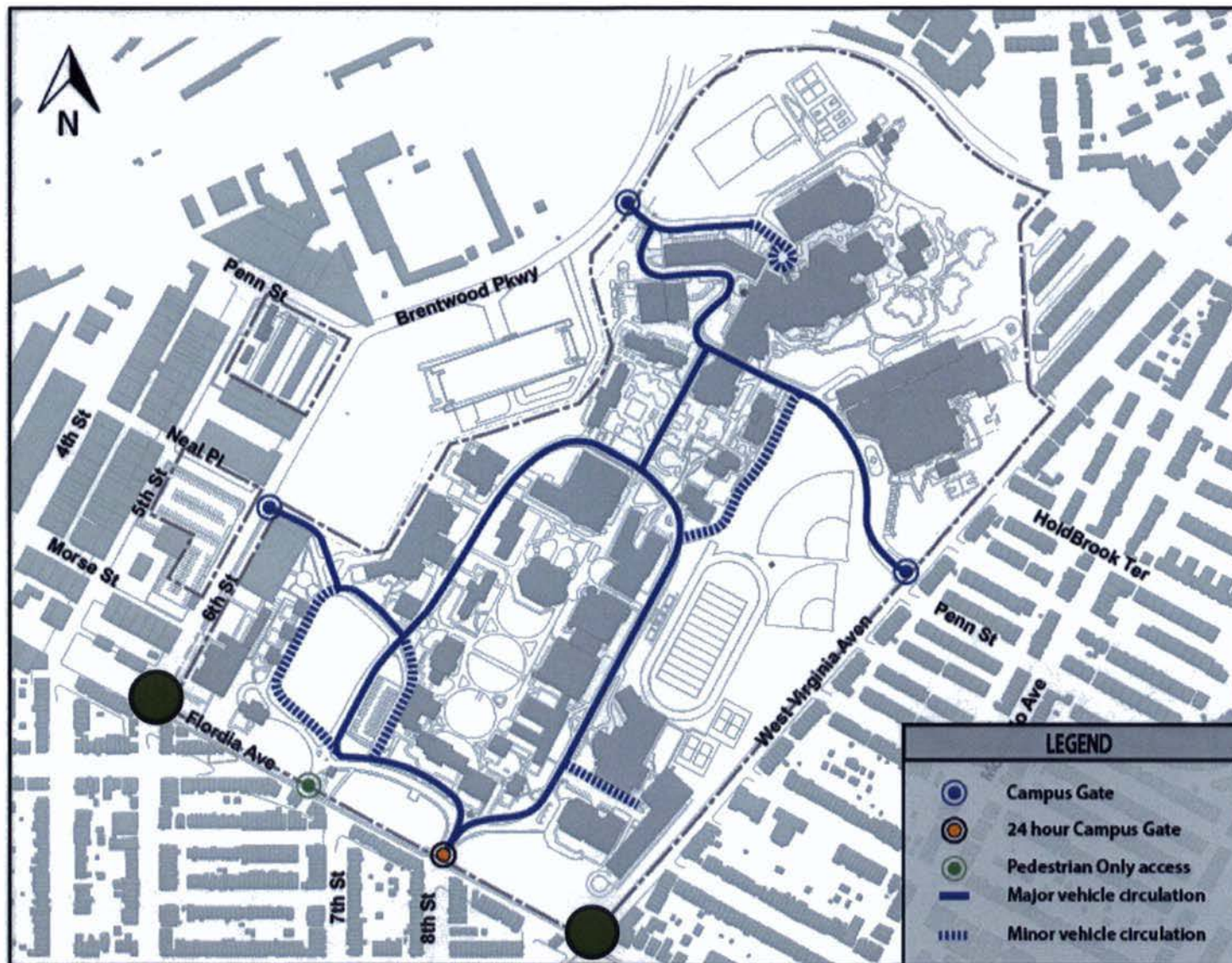
symmetra design
November 26, 2012

SITE ACCESS PLAN



Gallaudet University 2022 Campus Plan

FUTURE SITE ACCESS PLAN



Gallaudet University 2022 Campus Plan

symmetra design
November 26, 2012

FUTURE SITE ACCESS PLAN



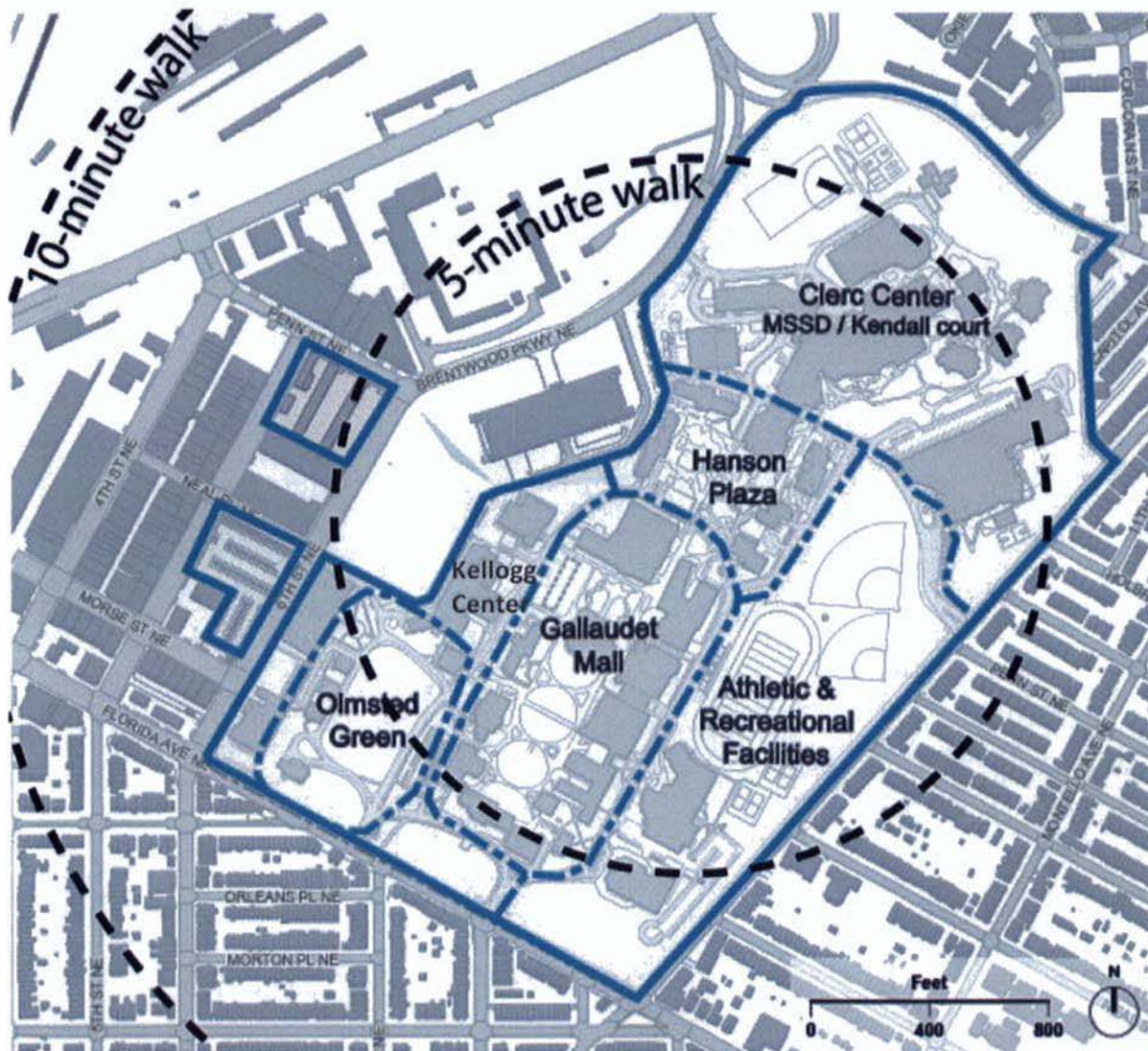
Street view corner of 6th Street/ Florida Ave



Illustrative 6th Street Pedestrian Access

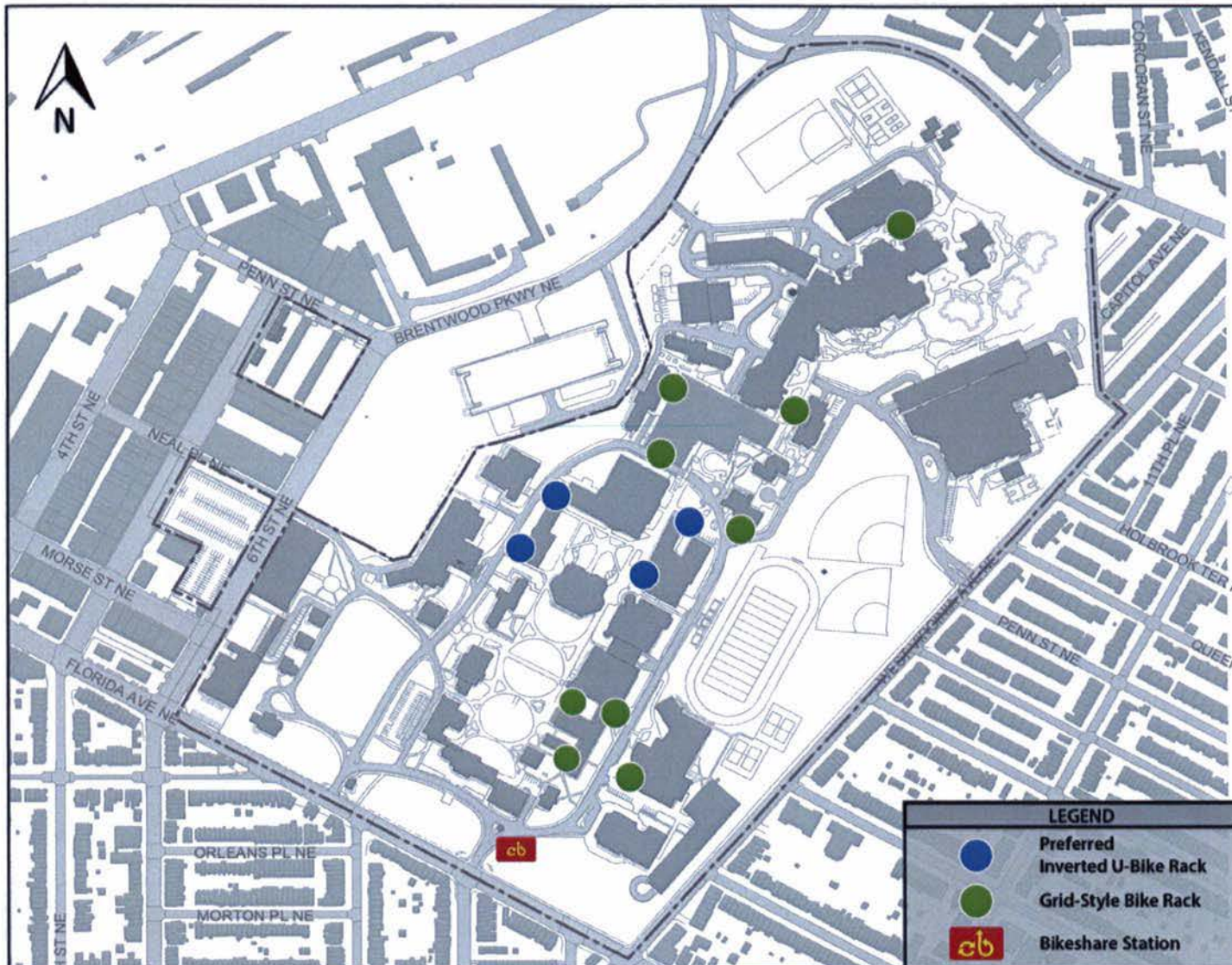


GALLAUDET CAMPUS



- Olmsted Green- Historical buildings
- Gallaudet Mall- Campus Core
- Hanson Plaza- Student housing and dining
- Clerc Center- KDES and MSSD
- Athletic Facilities – Field House, Hotchkiss field, tennis, baseball and softball courts
- Kellogg Conference Center

BICYCLE FACILITIES



Gallaudet University 2022 Campus Plan

symmetra design
November 26, 2012

FUTURE BIKE PLAN



- New bike racks proposed at underserved locations
- Phased replacement of existing grid-style bike racks with inverted U-style racks
- Consider additional bikeshare locations on campus.



TRANSPORTATION SURVEY RESULTS



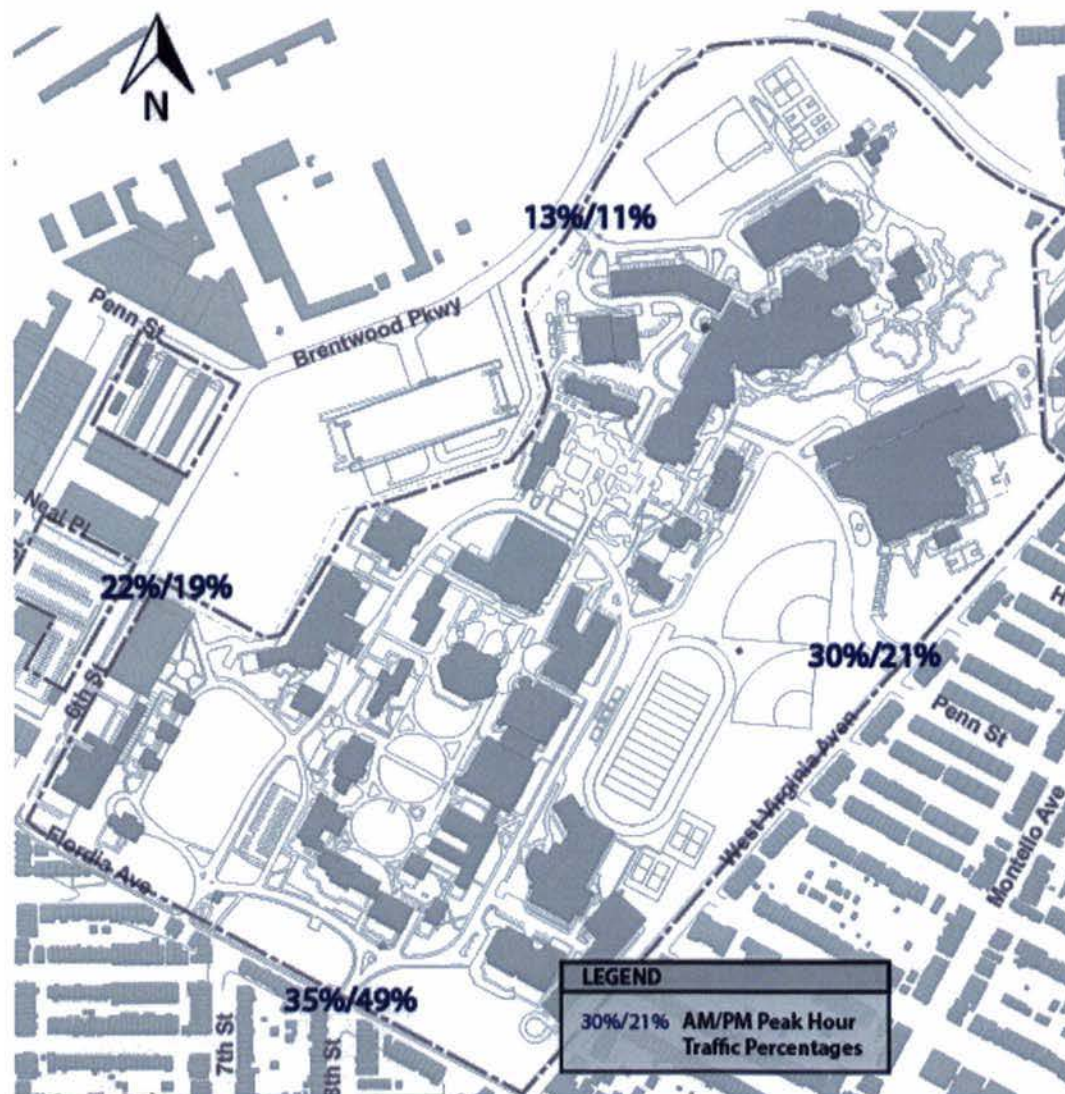
Student Survey Results

Mode Choice	Survey Respondents	Students Percentage
Resident	159	80%
Walk/Bike	17	9%
Commuter Bus	1	<1%
Carpool	3	1%
Metrobus	2	1%
Metrorail then Metrobus	6	3%
Metrorail then walk	5	2%
Personal Vehicle	7	4%
Total	200	100%

Faculty/Staff Survey Results

Mode Choice	Survey Respondents	Faculty & Staff Percentage
Resident	2	1%
Walk/Bike	19	12%
Commuter Bus	1	1%
Carpool	4	2%
MARC Train then Shuttle	7	4%
Metrobus	3	2%
Metrorail then Shuttle	4	2%
Metrorail then Walk	10	6%
VRE to Shuttle	1	1%
Personal Vehicle	116	69%
Total	167	100%

EXISTING TRIP GENERATION



AM Peak Hour			PM Peak Hour		
In	Out	Total	In	Out	Total
300	75	375	126	302	428

Gallaudet University 2022 Campus Plan

symmetra design
November 26, 2012

FUTURE TRIP GENERATION

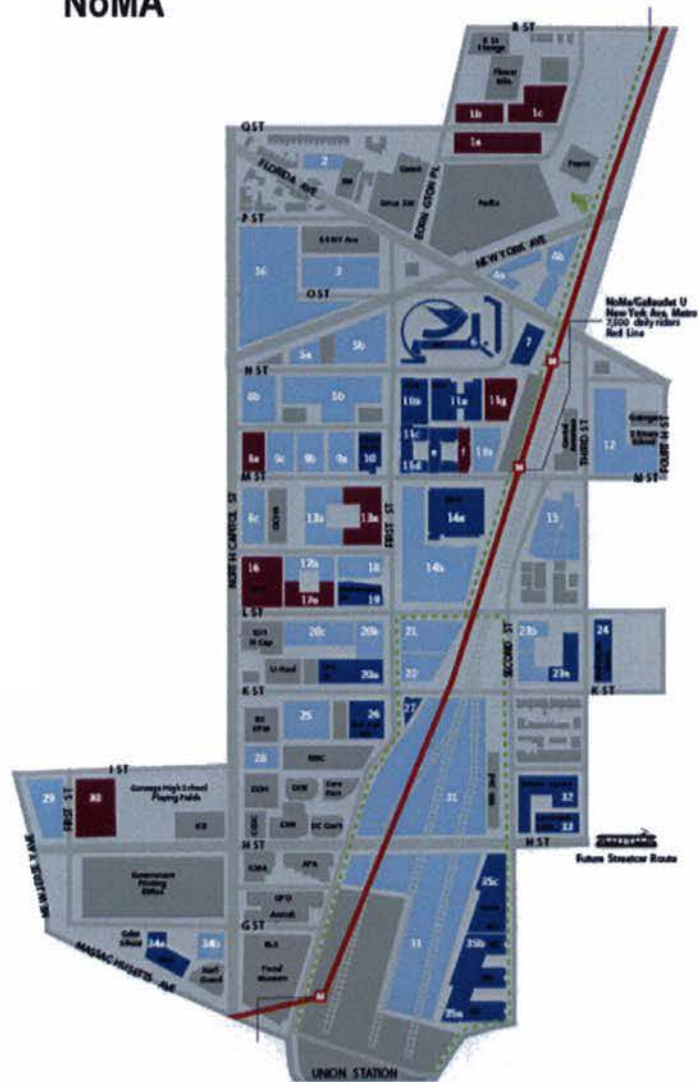


	AM			PM		
	In	Out	Total	In	Out	Total
Existing Campus Trip Generation	300	75	375	126	302	428
<i>Trip Generation associated with student & conference center growth</i>	+34	+8	+42	+14	+34	+48
Total 2022 Trip Generation	334	83	417	140	336	476

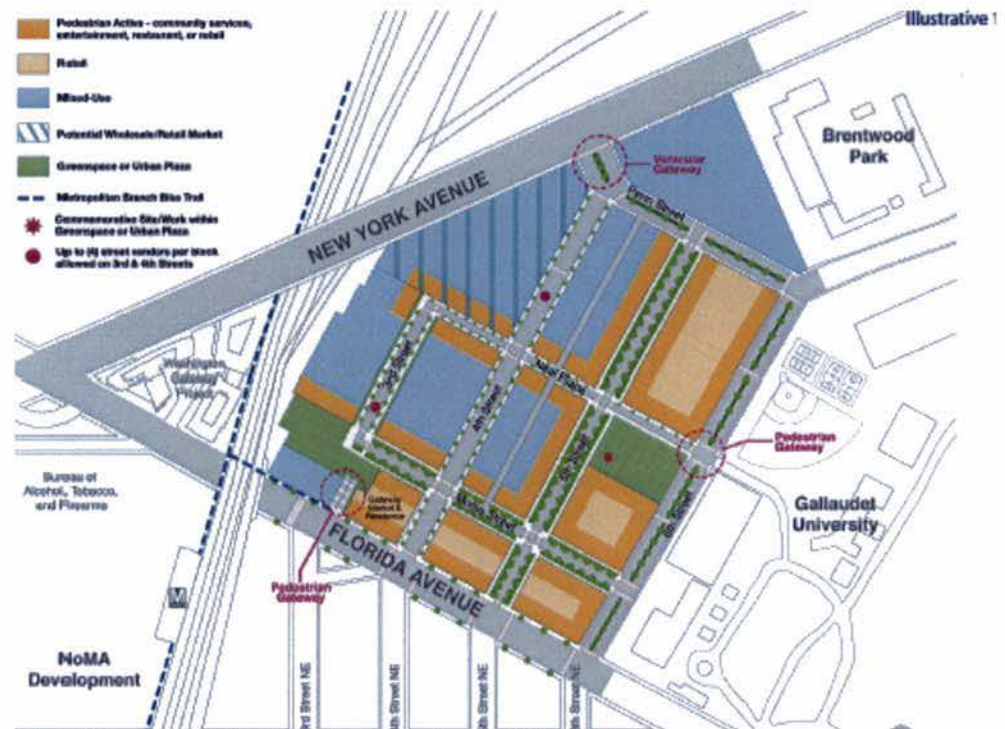
NoMA and FAMS



NoMA



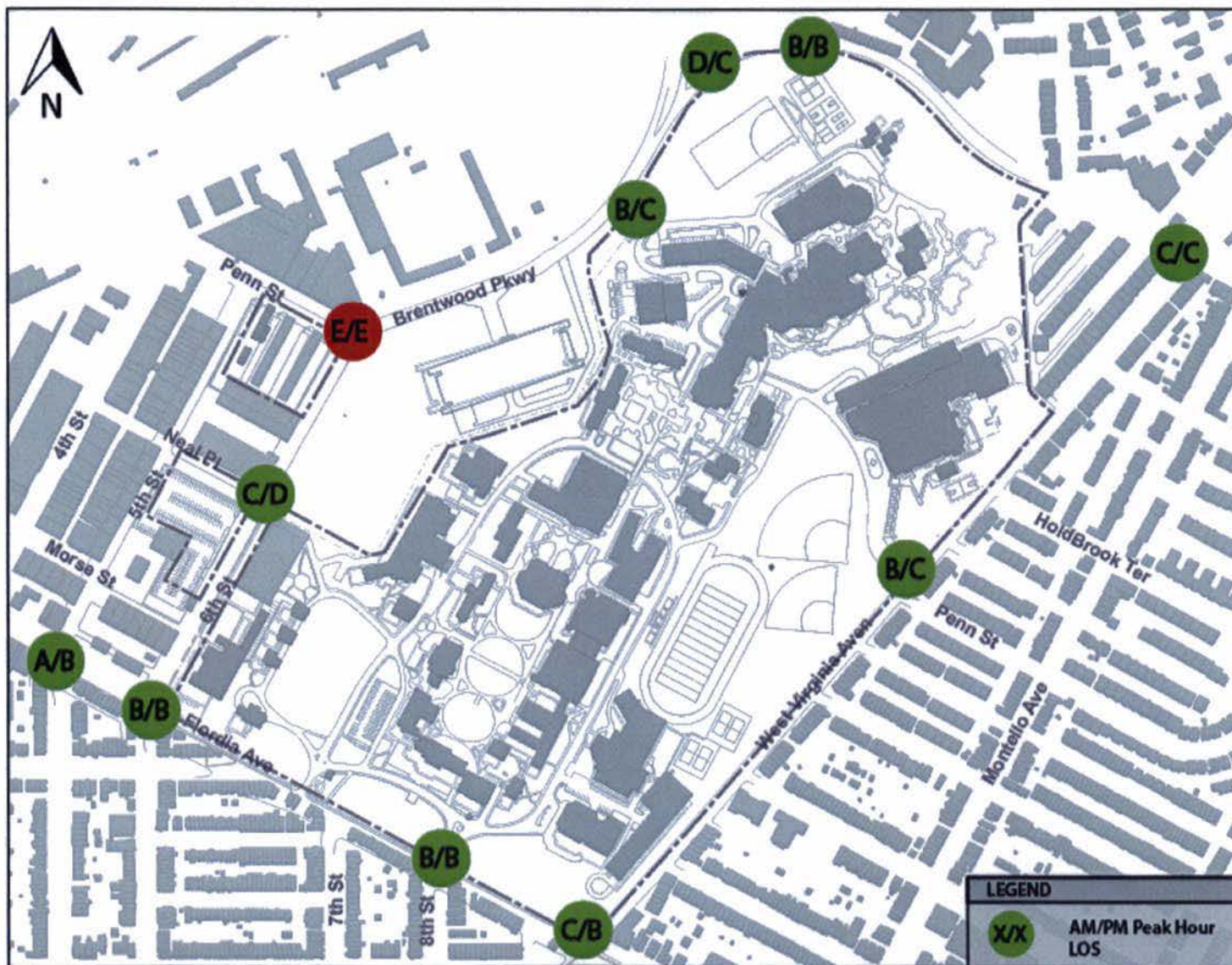
FAMS



Gallaudet University 2022 Campus Plan

symmetra design
November 26, 2012

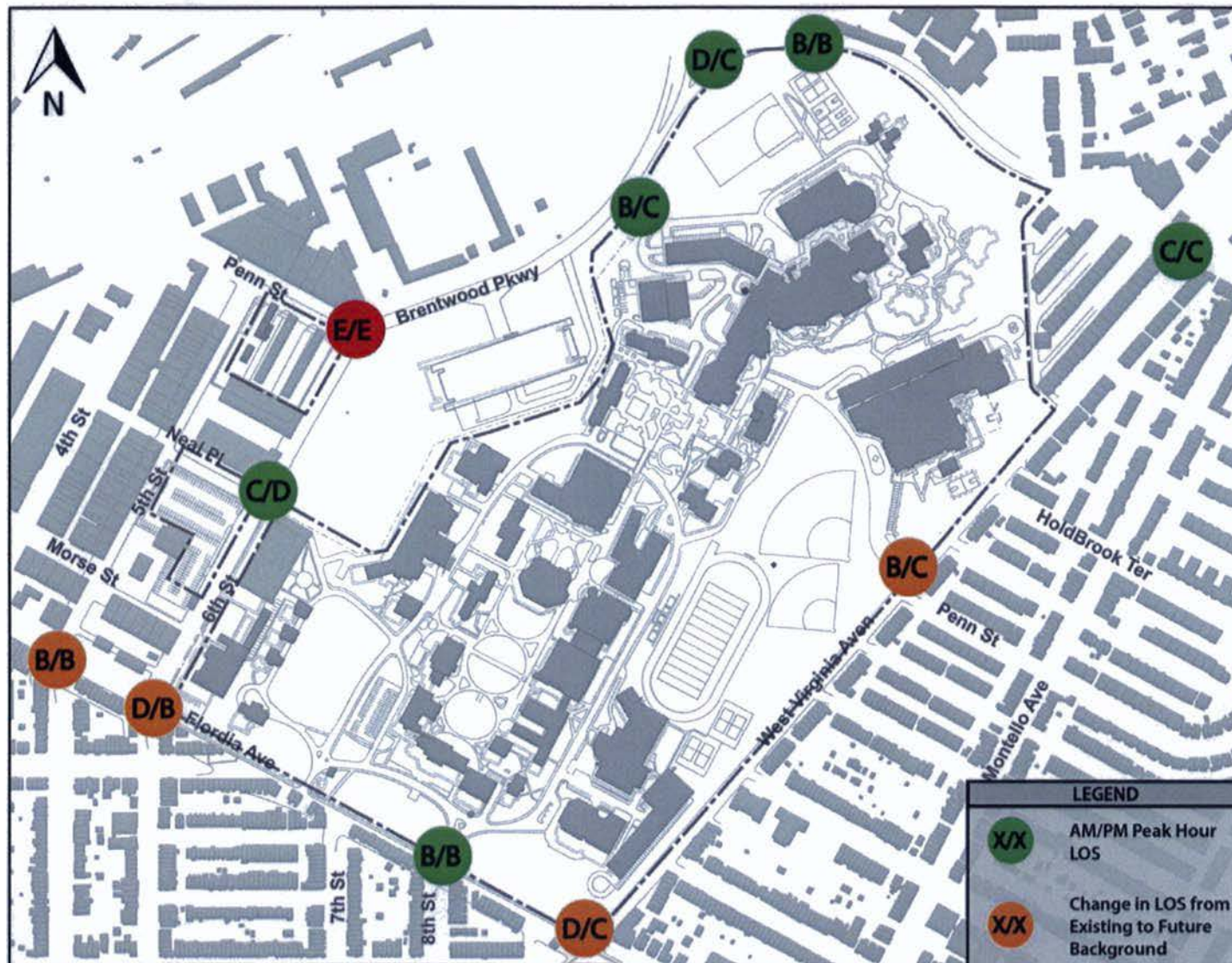
TRAFFIC ANALYSIS RESULTS: EXISTING



Gallaudet University 2022 Campus Plan

symmetra design
November 26, 2012

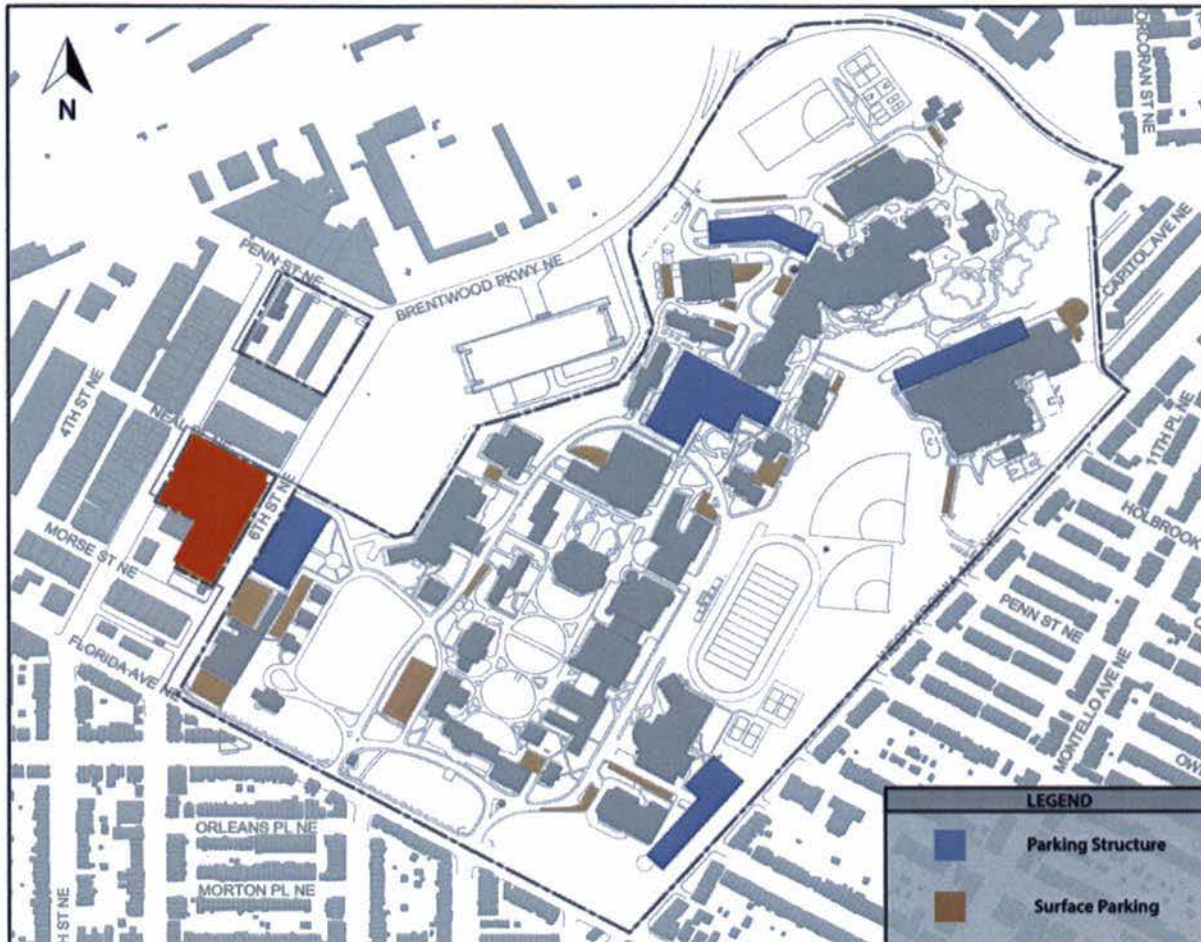
TRAFFIC ANALYSIS RESULTS: FUTURE BACKGROUND



Gallaudet University 2022 Campus Plan

symmetra design
November 26, 2012

PARKING



Existing

- 1,588 total spaces
- 63% and 67% occupied
- Existing demand 1,060

Future

- 207 overflow spaces eliminated
- New supply 1,367
- Future demand 1,237
- 90% projected occupancy

LOADING MANAGEMENT



- No expected increase in delivery activity
- Potential for shifted loading demand as a result of the relocation SAC
- Implement management of large delivery vehicles turning right out of the Florida Avenue gate
- Most deliveries accommodated in 30' trucks



Florida Avenue 55-Foot Truck Outbound Right Turn

TRANSPORTATION DEMAND MANAGEMENT



- Car Share - two Zipcar parking spots located near the main entrance
- Capital Bikeshare Station
- Staff Offices/Lockers/Storage/ Shower Facilities
- Conference Center Shuttle
- Faculty/Staff Live Near Your Work Program
- SmarTrip Fare Card Event
- Sustainability Initiative
- Biennial transportation surveys
- Bi-annual transportation fair
- Monitor shuttle ridership to determine if additional service required



TRANSPORTATION DEMAND MANAGEMENT



- Increase the number of bicycle racks to accommodate demand
- Review cost of parking permit annually
- Encourage faculty/staff to use an alternative travel mode one day per week
- Construct new pedestrian gate at southwest and southeast corner of campus
- Promote occupancy of a portion of 6th Street off-campus housing for faculty/staff
- Publish TDM measures on the University's website
- Identify wayfinding opportunities to direct pedestrians to campus
- Continue to explore use of on-line course
- Enhance program to aid teleworking
- Explore partnerships with local businesses as a means to provide financial support for the University shuttle program and potential expanded service
- Promote continued use of Gallaudet Shuttle and implement additional services

CONCLUSIONS

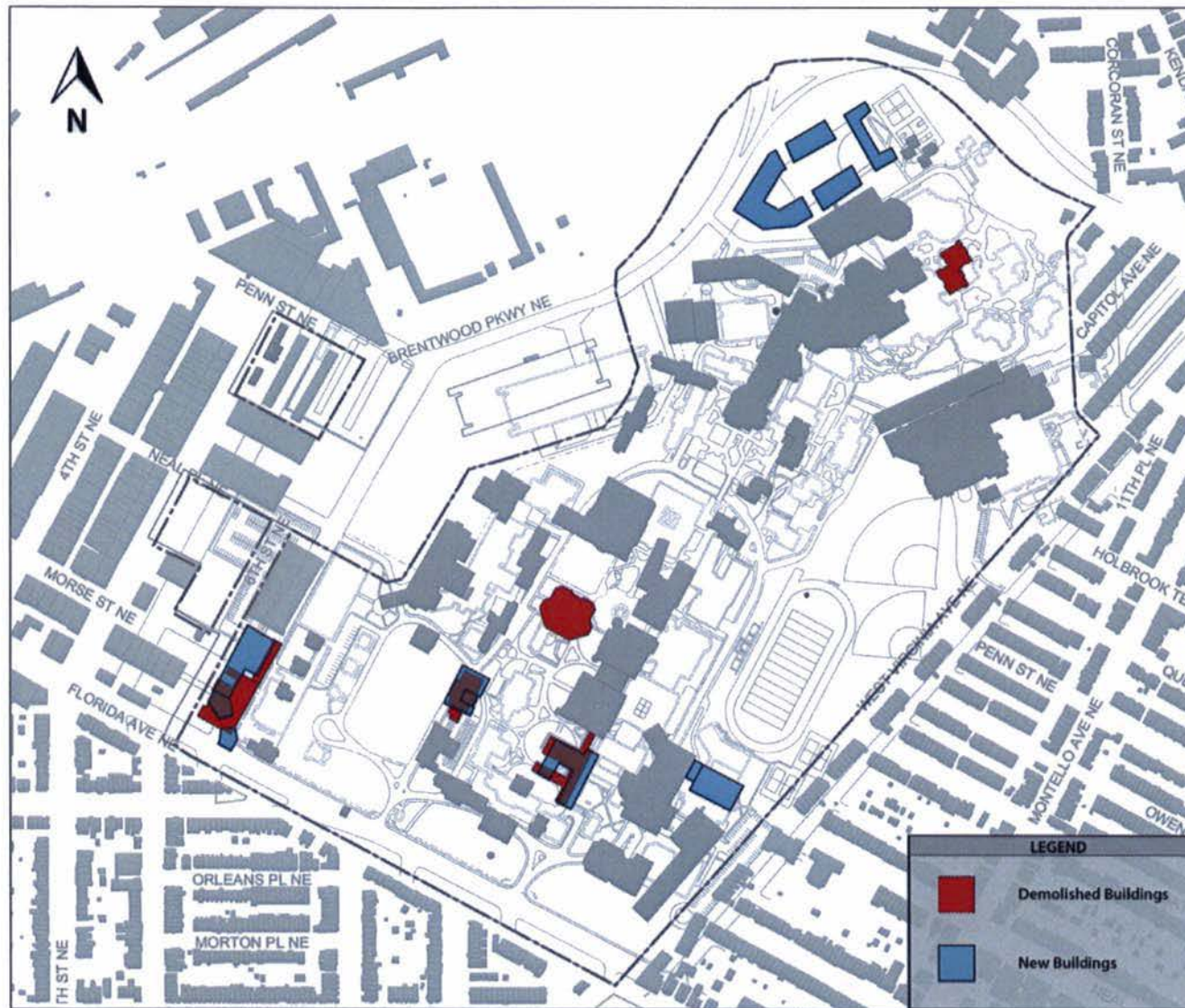


- Campus traffic is expected to increase by 11% (42 AM and 48 PM peak hour trips)
- No adverse impact to the surrounding roadway network.
- Total parking supply may be reduced from 1588 to 1381 spaces
- Future parking supply will be adequate to accommodate projected demand of 1256 spaces.
- TDM measures will reduce traffic and parking impacts in the future
- TDM will be monitored every two years



THANK YOU

DEMOLISHED AND NEW CAMPUS BUILDINGS



Gallaudet University 2022 Campus Plan

symmetra design
November 26, 2012