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A. Prior Plans
## Current & Previous Plans

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A3. Previous & Current Plans

Key Takeaways

North Campus Transit Oriented Development Plan 2009
1. Possible events center location
2. Concentrates density near DART Station
3. Intersections of railroads and major streets are natural barriers for pedestrians and overall mobility
A4. Previous & Current Plans

Key Takeaways

Campus Site Development Plan 2010
1. Identifies core central area
2. Proposes linear E/W pedestrian paths
3. Integrates parking structures with loop road
B. Planning Principals: Accessibility, Adaptability, Livability
Planning Principles: Accessibility, Adaptability, Livability

- Activate ground floor of buildings.
- Orient buildings to optimize energy efficiency.
- Take advantage of natural characteristics of style and supplement with additional open spaces.
- Promote enhancement of informal, social, collaborative, natural, temporal and event space typologies to improve campus life and experience.
- Promote compact campus to allow for future growth.
- Concentrate new academic development near the core of campus.
- Develop collaborative research district.
- Provide efficient infrastructure to support campus growth.

- Create and enhance safe and attractive pedestrian connections.
- Limit vehicular circulation in the core of campus to necessary and transit vehicles.
- Provide a vehicular framework that is efficient, but minimizes impact on adjacent neighborhoods and on campus.

As approved by UT Dallas’ Campus Master Plan Update 2018 Working and Executive Committees.
C. Typologies
Existing Facilities
Buildings by Type

- Academic buildings concentrated in core
- Research cluster concentrated near Northside
- Parking structures on periphery.
Existing Facilities
Building by Year Built

- Most new development occurred on campus periphery
- Legacy buildings dominate central core
- Demo of Berkner Hall will affect Skybridges
Existing Facilities

Building Owned/Leased

- Northside apartments are P3 Development
- Most buildings on campus are owned by UTD
**Existing Open Space**

- Numerous residential courtyards and entrance plazas
- Mall plays central feature to campus core
- Campus lacks diversity in open space types
Existing Student Amenities

- Activity Center
- Dining Hall
- Science Building
- Engineering Building
- Student Services Building
- Activity Center
- Northside Retail
- Green Center
- Student Union
- School of Management
- P3 Parking-Food

- Lacks variety of dining options
- Primary amenities are spread far apart
D. Egress and Circulation
Aerial View of Campus
Existing Local Circulation

Transit

- Limited schedule for Comet Cruiser
- DART Buses do not come into campus
- Comet Cab routes mostly isolated from each other
Existing Campus Circulation

Vehicular

Conflict Areas:
1. Waterview Prkwy/F. Johnson Dr
2. Waterview Prkwy/Loop Rd
3. Synergy Blvd/Northside
4. Loop Rd/Facilities Way
5. B Jordan Dr/Floyd Rd
6. Loop Rd/University Prkwy
## Existing Campus Parking Typologies & Counts

- **Total Surface**: 11,499
- **Total Structure**: 2,668
- **Total**: 14,167*

*Northside parking not included. Parallel and gravel overflow included.

### Parking Lots

- **Res Halls**: 1,063
- **Lot SPN**: 585
- **Lot M&Q**: 755
- **Lot A**: 789
- **Lot U**: 660
- **Lot V**: 2,849
- **Lot J&F**: 634
- **Lot H**: 495
- **Lot C&D**: 1,160
- **Lot G&E**: 585
- **Lot SPN**: 1,063
- **Lot M&Q**: 755
- **Student Parking**: 755
- **PS1**: 755
- **PS3**: 1,162
- **PS4**: 2,849
- **Apartments**: 634

---

**Legend**

- **Student Parking**
- **General Parking**
- **Northside Parking**
- **Structured Parking**
Existing Campus Circulation

Pedestrian

- Limited crosswalks to/from campus
- Prohibited vehicle areas create safe pedestrian environment in central core but Rutford needs to be addressed
- Potential to combine/separate service/pedestrians on Rutford
Main Campus-Framework
Vehicular Circulation Access/Loop Rd Alternatives

NOTES

- Loop Rd Realignment Requires New Signal for Option C.
- Possible Garage Options on Lot A, H, M, Student Apt, and Student Housing Areas.
- Rutford extends North (Vehicular) and South (Pedestrian)
Main Campus-Framework Circulation Future Additions

NOTES

• Parking garage options are concentrated on the periphery of campus.

• Stewart extension provides access to surface lot and/or future parking garage.
Pedestrian Crosswalk Study
Synergy Crossing at Northside

EXISTING
- Traffic calming
- Marked crosswalks (enhanced) o Thicker markings provide more target value/visibility (see diagram)
- Advanced pedestrian crossing signs
- Improved illumination

FUTURE
- Enhanced pavement material
- Widen center median for a refuge island (currently too narrow) for pedestrians. It would require shifting left turn where hatched lines are currently, directly adjacent to thru lanes. This would allow pedestrians to wait for when traffic in the other direction is clear
- Pedestrian hybrid beacon

Image: Synergy Intervention
Pedestrian Crosswalk Study
Floyd Road/Lookout Drive Intersection

EXISTING
- Intersection geometry too complex for existing traffic control strategy
- Great amount of pavement
- Motorist required to make decisions to view too many conflict points in current decision process
- Traffic signal warrant study is needed
- Pedestrian crossing distance is too wide. Recommend extension of refuge island for pedestrian to wait for when traffic in the other direction is clear

FUTURE
- Enhanced pavement material
- Placemaking interventions
Loop Road / Armstrong Connection Concept
Distance from Campbell Road

~770'

~560'

~450'
Campus Traffic Counts
Campbell / Tatum street : Waterview

Location: Campbell/Tatum
Street: Waterview

Traffic Count by Year

Average Daily Traffic

Year

For full reports please visit this link.
Campbell / Loganwood street : Waterview

Traffic Count by Year

Year

Average Daily Traffic

For full reports please visit this link.
Floyd / Westshore
street : Campbell

Traffic Count by Year
Location: Campbell/Gettysburg
Street: Floyd

Traffic Count by Year

For full reports please visit this link.
Floyd / Canyon Creek street: Lookout

Traffic Count by Year

For full reports please visit this link.
Location: Waterview/Floyd Street: Synergy

Traffic Count by Year

Average Daily Traffic

Year

©, Zoom to
Waterview / Custer street : G. Bush Hwy.

Location: Waterview/Custer Street: G. Bush Hwy.

Traffic Count by Year

For full reports please visit this link.
G. Bush Hwy. / Synergy street : Waterview

Traffic Count by Year

For full reports please visit this link.