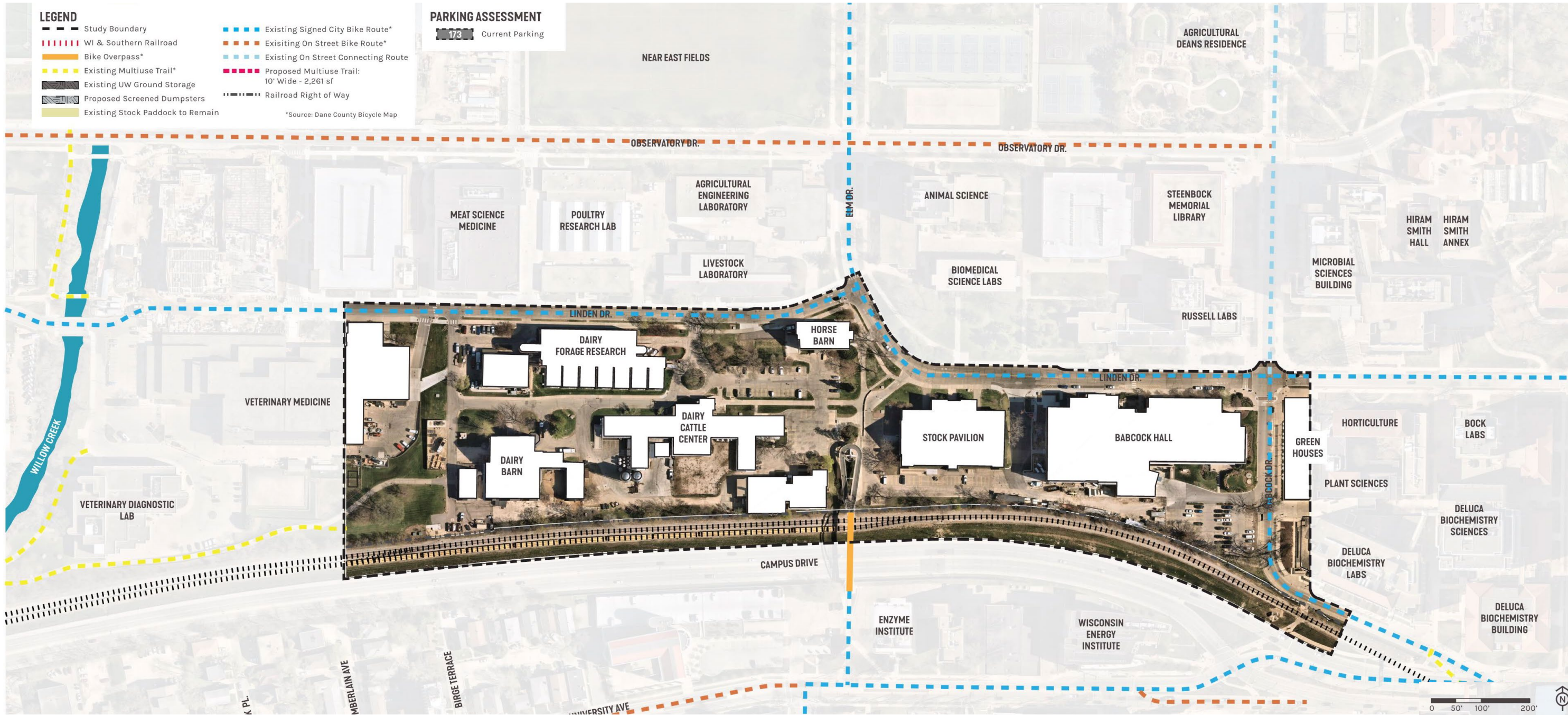


CAMPUS DR. PEDESTRIAN/BIKE PATH EXTENSION ADVANCED PLANNING STUDY (22C2Z)

JOINT CAMPUS AREA COMMITTEE

June 22, 2023

STUDY AREA



STUDY AREA

BABCOCK DR, LOOKING WEST



STUDY AREA

BACKSIDE OF STOCK PAVILION, LOOKING WEST



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STUDY AREA

ABUTMENT OF CITY OF EXISTING CITY OF MADISON CAMPUS DR PED/BIKE OVERPASS,
LOOKING WEST & EAST



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STUDY AREA

BACK OF DAIRY CATTLE CENTER, LOOKING EAST; BACK OF DAIRY BARN, LOOKING WEST



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STUDY AREA

UW GROUNDS STORAGE AREA, LOOKING SOUTH;
UW REFUSE & RECYCLING AREA BEHIND DAIRY BARN, LOOKING EAST

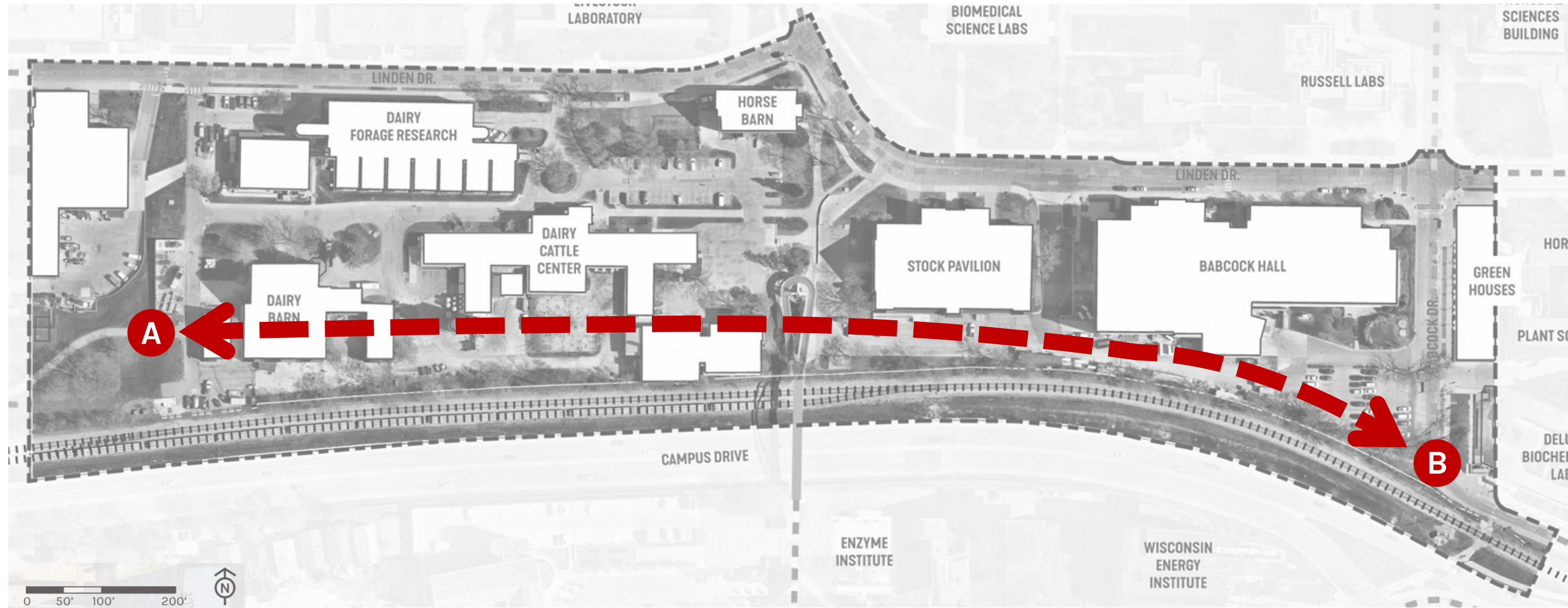


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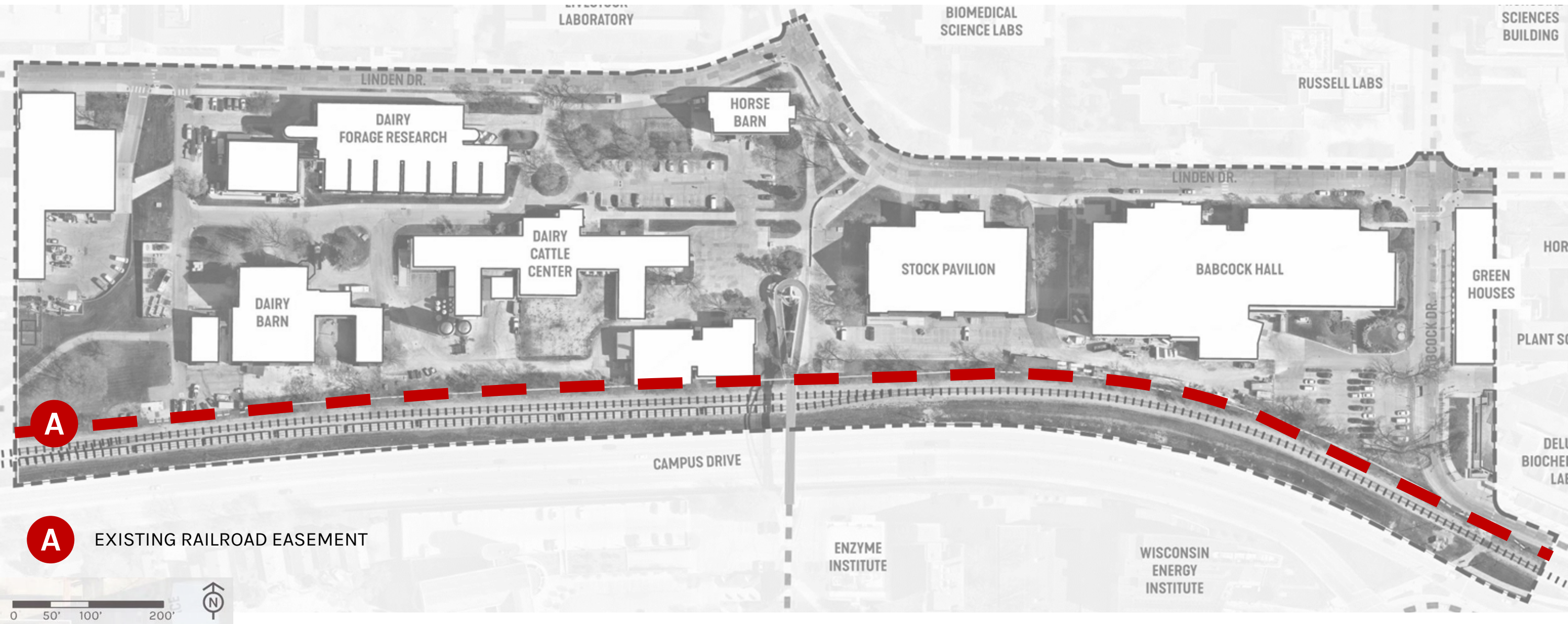
PURPOSE

CONNECT COMMUTERS FROM POINT A TO POINT B



ANALYSIS

EXISTING CONSTRAINTS AND OPPORTUNITIES



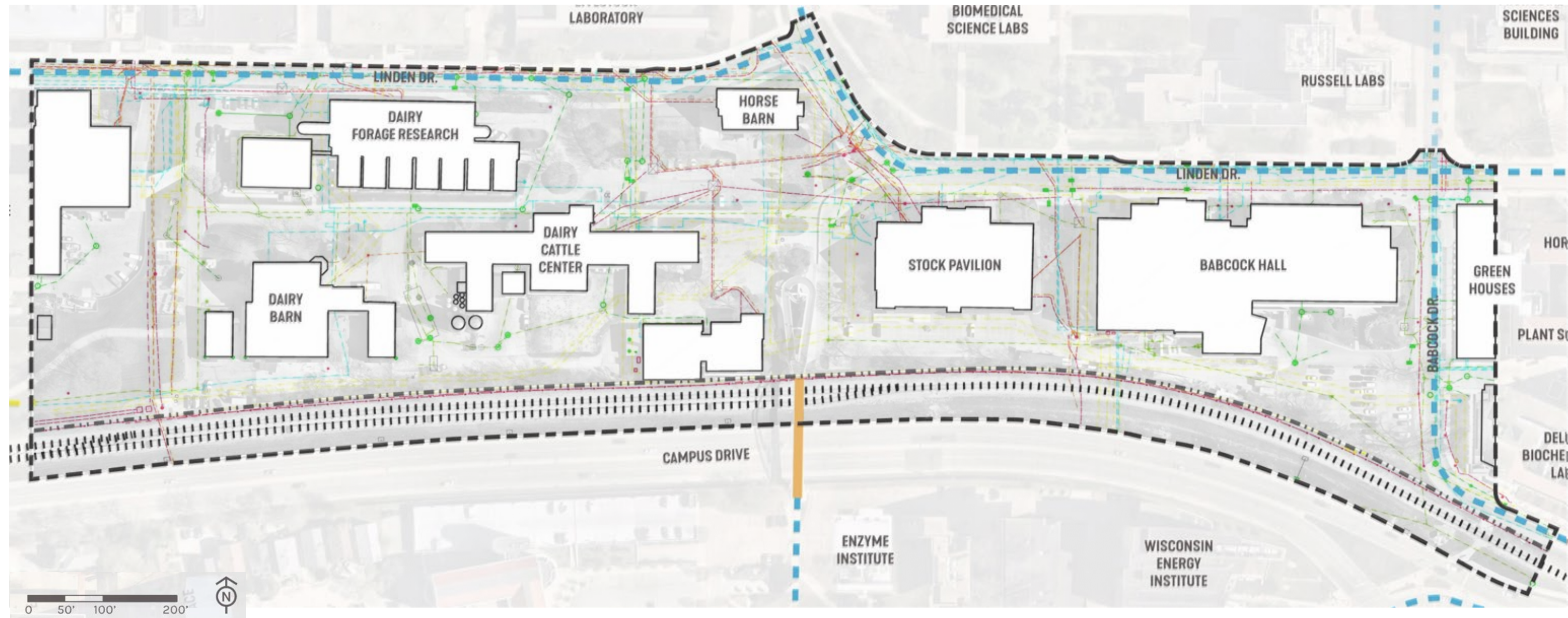
ANALYSIS

EXISTING UTILITIES



Facilities Planning
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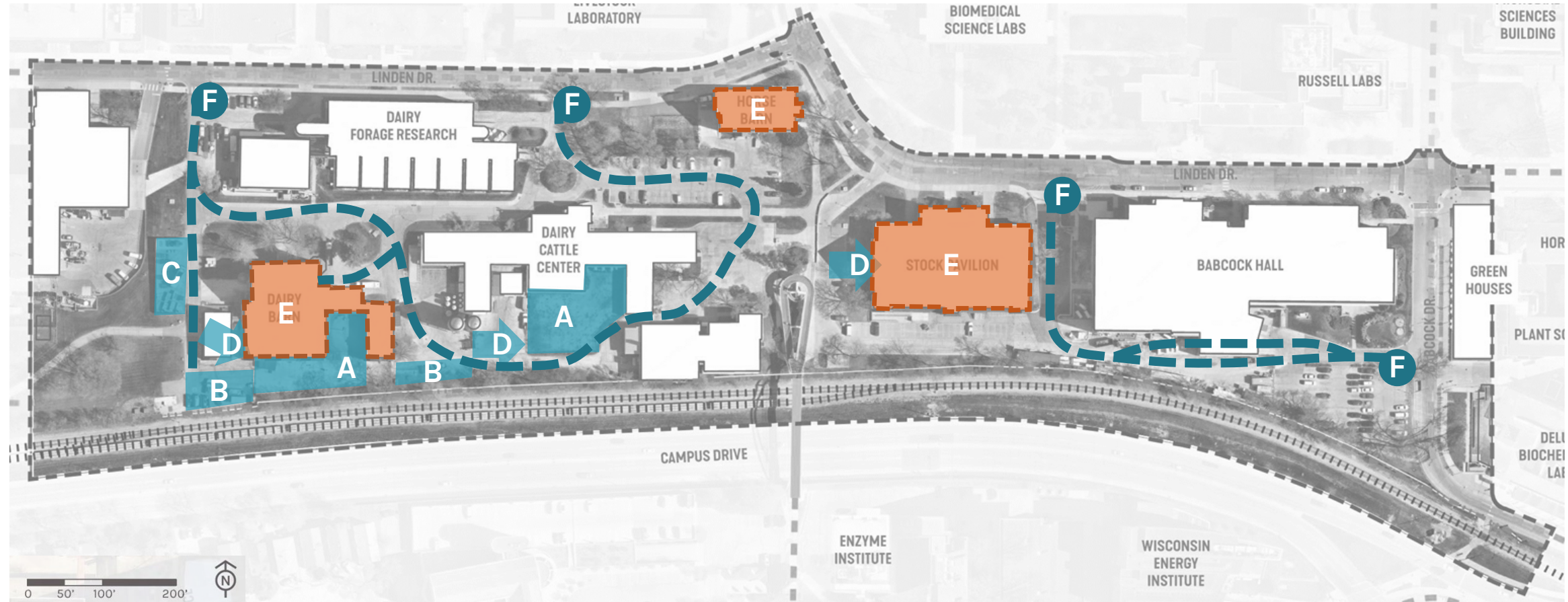
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ANALYSIS

EXISTING CONSTRAINTS AND OPPORTUNITIES

- A. ON-GOING EXISTING ANIMAL TEMPORARY ANIMAL STORAGE
- B. UW REFUSE & RECYCLING OPERATION
- C. UW GROUNDS MATERIAL STORAGE
- D. ANIMAL LOADING/UNLOADING AREA/ACCESS
- E. HISTORIC STRUCTURE
- F. REGULAR SERVICE VEHICLE ACCESS ROUTE

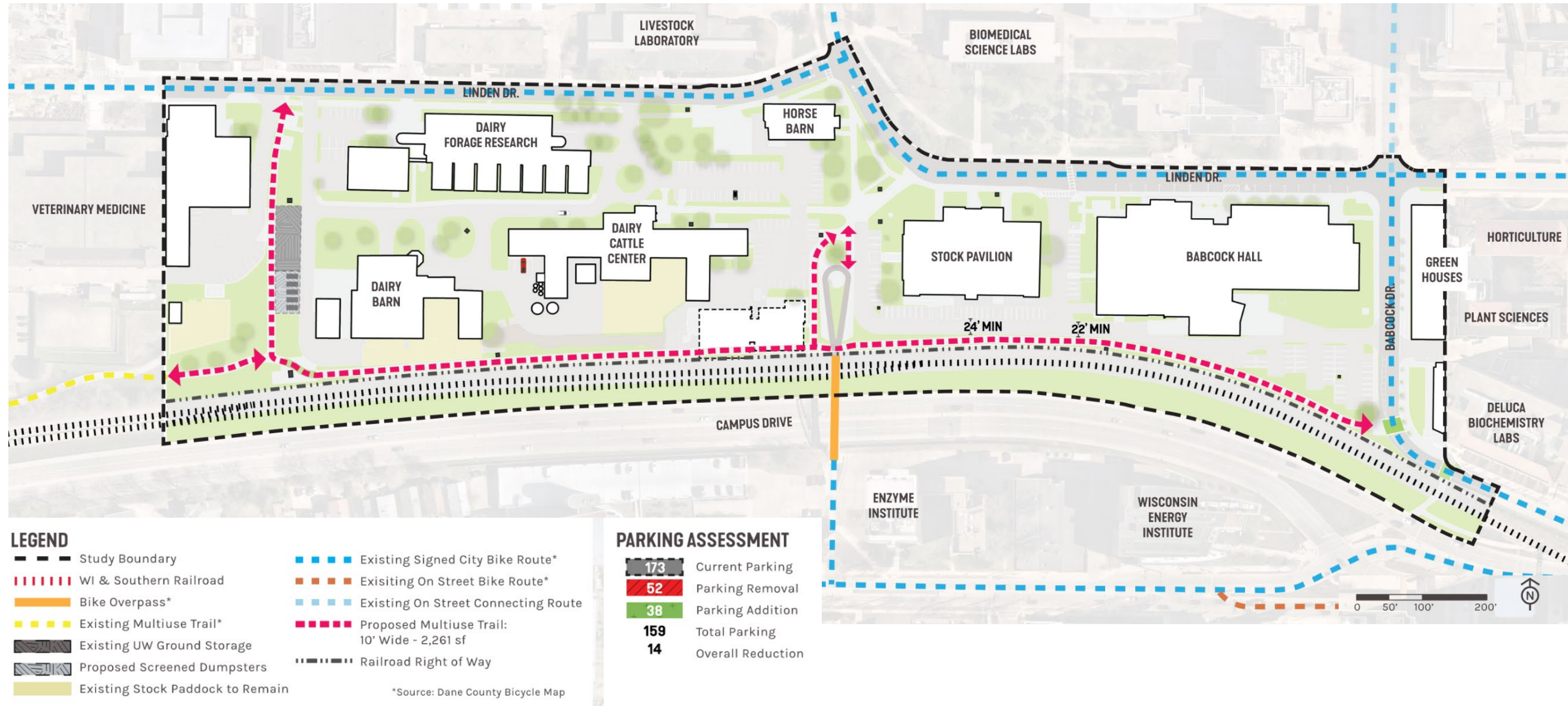


ALTERNATIVES DEVELOPMENT

NOTE

- A. ALL ALTERNATIVES PRESERVED THE EXISTING STEAM TUNNEL VENT DUCTS
- B. NONE OF THE ALTERNATIVES ENCROACHED OR IMPACTED THE EXISTING RAILROAD EASEMENT

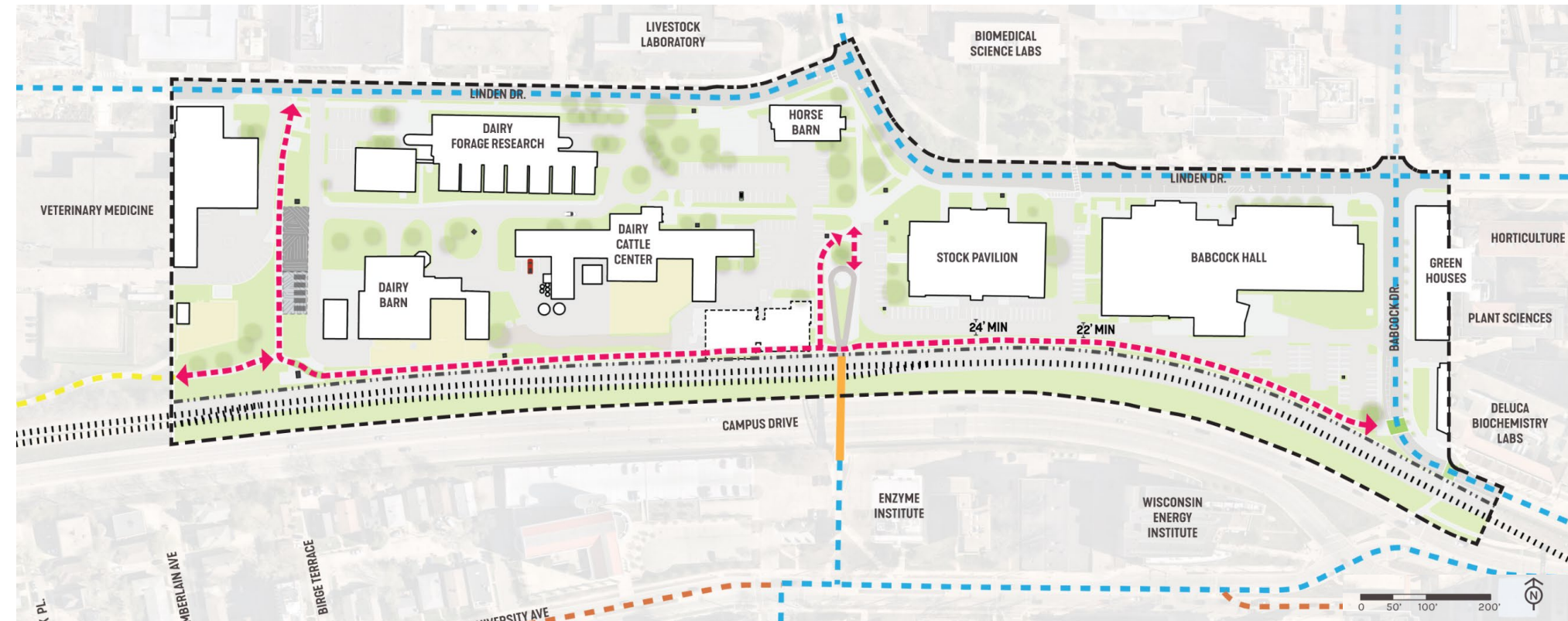
ALTERNATIVE 1



ALTERNATIVE 1

DESIGN CONSIDERATIONS

1. 10' WIDE MULTIUSE TRAIL
2. LIMITED MOTORIZED VEHICLE INTERACTION
3. EXISTING UW REFUSE & RECYCLING OPERATIONS RELOCATED
4. MANY EXISTING TREES WILL NEED TO BE REMOVED
5. EXISTING DAIRY BARN STOCKYARD AND FENCE MOVED FOR ROUTE TO FIT
6. MEAT & MUSCLE MUST BE REMOVED
7. OPPORTUNITY TO REDO PARKING IF MEAT & MUSCLE REMOVED
8. EXISTING MOPED PARKING BEHIND STOCK PAVILION MOVED TO NARROW DRIVEWAY
9. TABLETOP CROSSING AT BABCOCK DR TO SLOW VEHICULAR TRAFFIC
10. EXISTING STEAM TUNNEL VENTS REQUIRED TO REMAIN



LEGEND

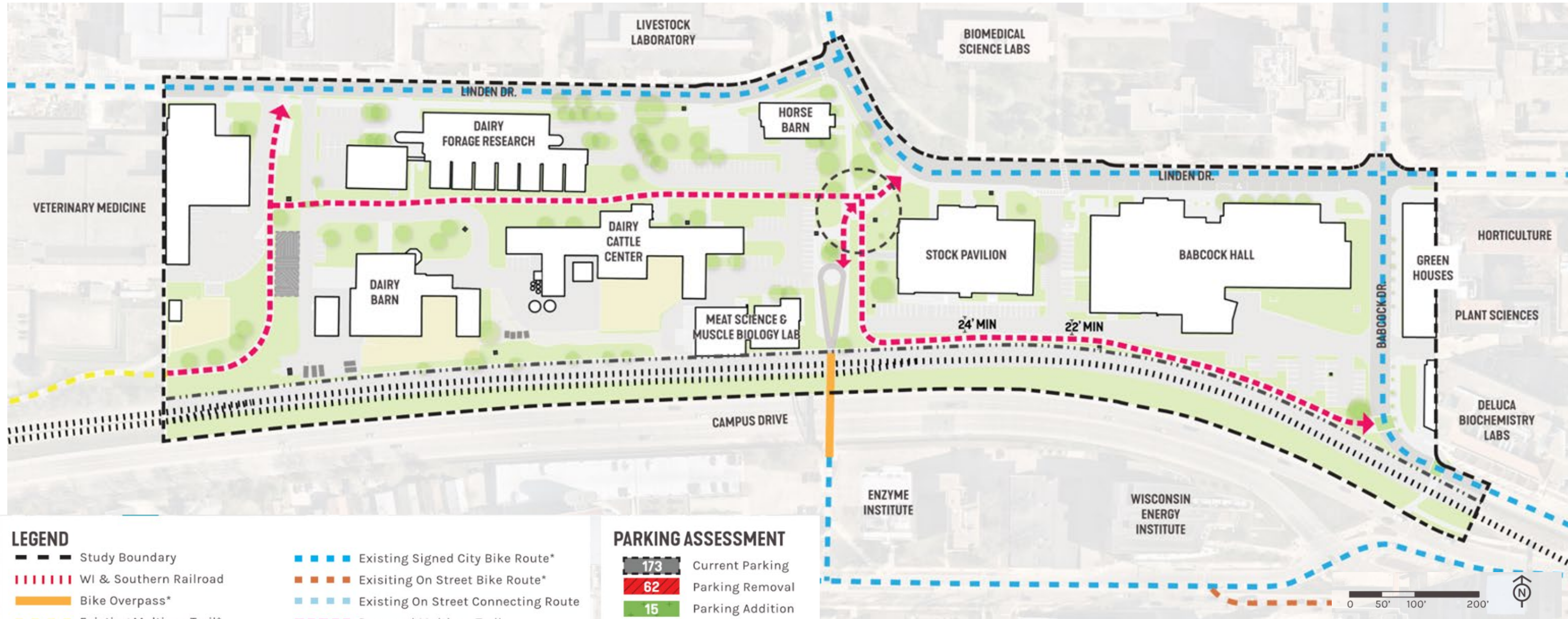
- Study Boundary
- WI & Southern Railroad
- Bike Overpass*
- Existing Multiuse Trail*
- Existing UW Ground Storage
- Proposed Screened Dumpsters
- Existing Stock Paddock to Remain
- Existing Signed City Bike Route*
- Existing On Street Bike Route*
- Existing On Street Connecting Route
- Proposed Multiuse Trail: 10' Wide - 2,261 sf
- Railroad Right of Way

PARKING ASSESSMENT

173	Current Parking
52	Parking Removal
38	Parking Addition
159	Total Parking
14	Overall Reduction

*Source: Dane County Bicycle Map

ALTERNATIVE 2



LEGEND

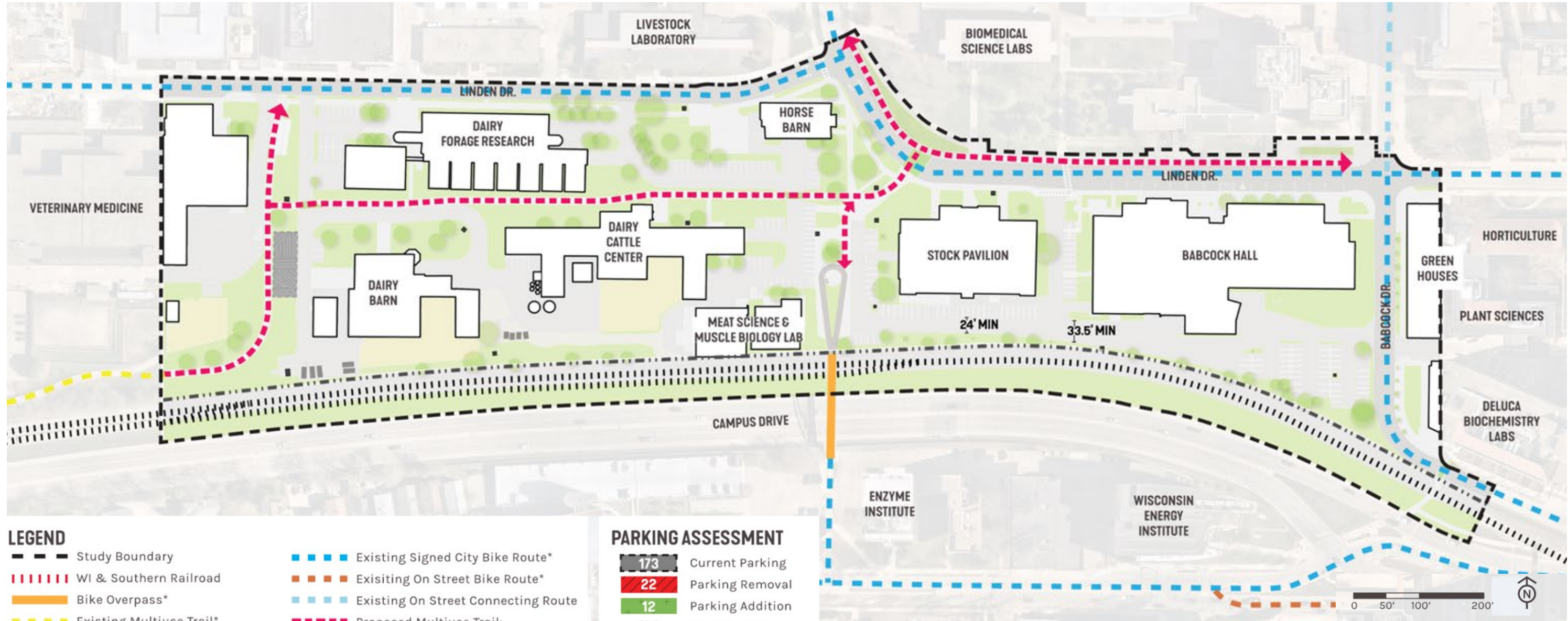
- Study Boundary
- WI & Southern Railroad
- Bike Overpass*
- Existing Multiuse Trail*
- Existing UW Ground Storage
- Existing Stock Paddock to Remain
- Existing Signed City Bike Route*
- Existing On Street Bike Route*
- Existing On Street Connecting Route
- Proposed Multiuse Trail: 11'-12' Wide - 2,306 sf
- Railroad Right of Way

*Source: Dane County Bicycle Map

PARKING ASSESSMENT

173	Current Parking
62	Parking Removal
15	Parking Addition
126	Total Parking
47	Overall Reduction

ALTERNATIVE 3



- LEGEND**
- Study Boundary
 - ||||| WI & Southern Railroad
 - ==== Bike Overpass*
 - ==== Existing Multiuse Trail*
 - Existing UW Ground Storage
 - Existing Stock Paddock to Remain

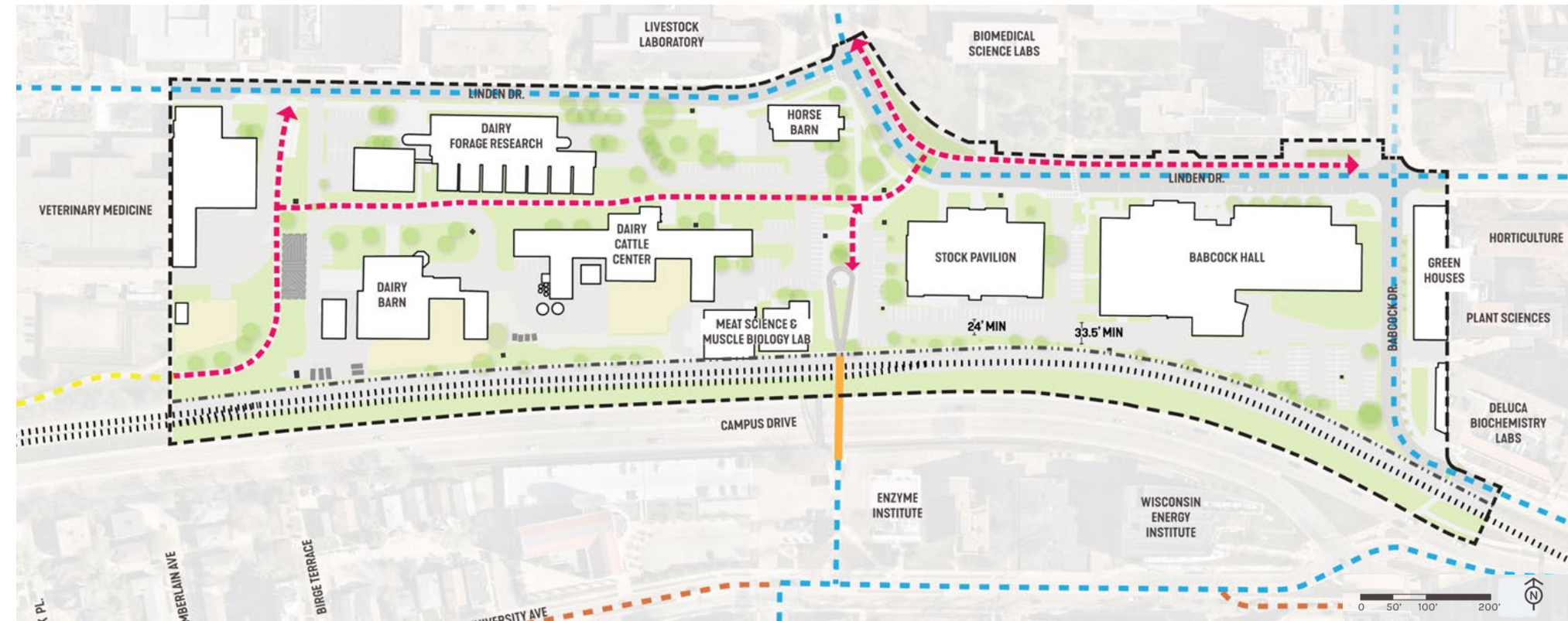
- Existing Signed City Bike Route*
- Existing On Street Bike Route*
- Existing On Street Connecting Route
- Proposed Multiuse Trail:
11' Wide - 2,266 sf
- Railroad Right of Way

*Source: Dane County Bicycle Map

ALTERNATIVE 3

DESIGN CONSIDERATIONS

1. 12' WIDE MULTIUSE TRAIL
2. ROUTE CROSSES REGULARLY USED LARGE VEHICLES SERVICE DRIVES AND CROSSES LINDEN DR
3. TABLETOP CROSSING AT LINDEN DR TO SLOW VEHICULAR TRAFFIC
4. RELOCATE EXISTING UW REFUSE & RECYCLING
5. ALL EXISTING TREES CAN REMAIN
6. MEAT & MUSCLE TO REMAIN OR BE REMOVED
7. OPPORTUNITY TO REDO PARKING IF MEAT & MUSCLE REMOVED
8. EXISTING STEAM TUNNEL VENTS REQUIRED TO REMAIN



LEGEND

- Study Boundary
- WI & Southern Railroad
- Bike Overpass*
- Existing Multiuse Trail*
- Existing UW Ground Storage
- Existing Stock Paddock to Remain
- Existing Signed City Bike Route*
- Existing On Street Bike Route*
- Existing On Street Connecting Route
- Proposed Multiuse Trail: 11' Wide - 2,266 sf
- Railroad Right of Way

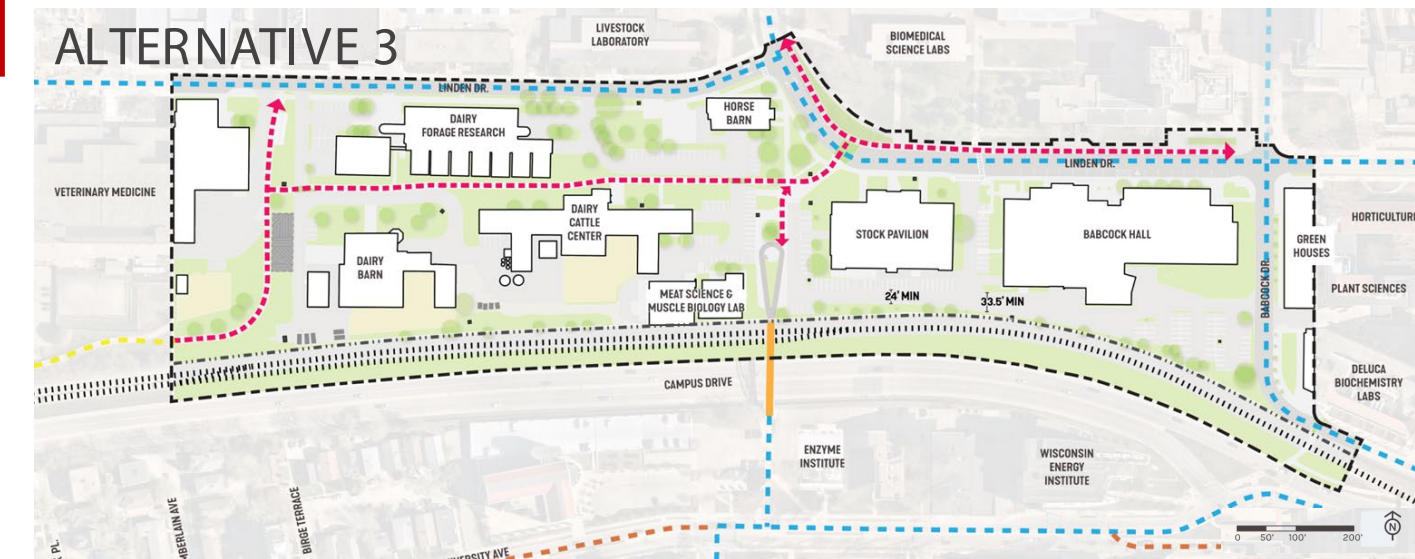
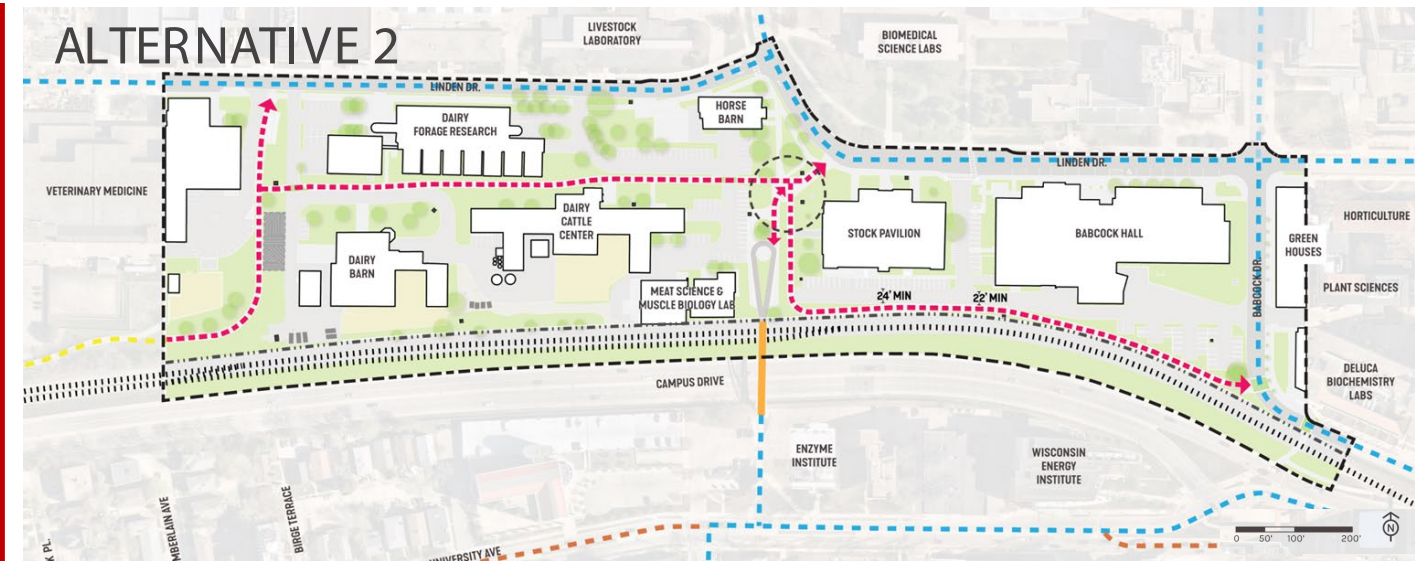
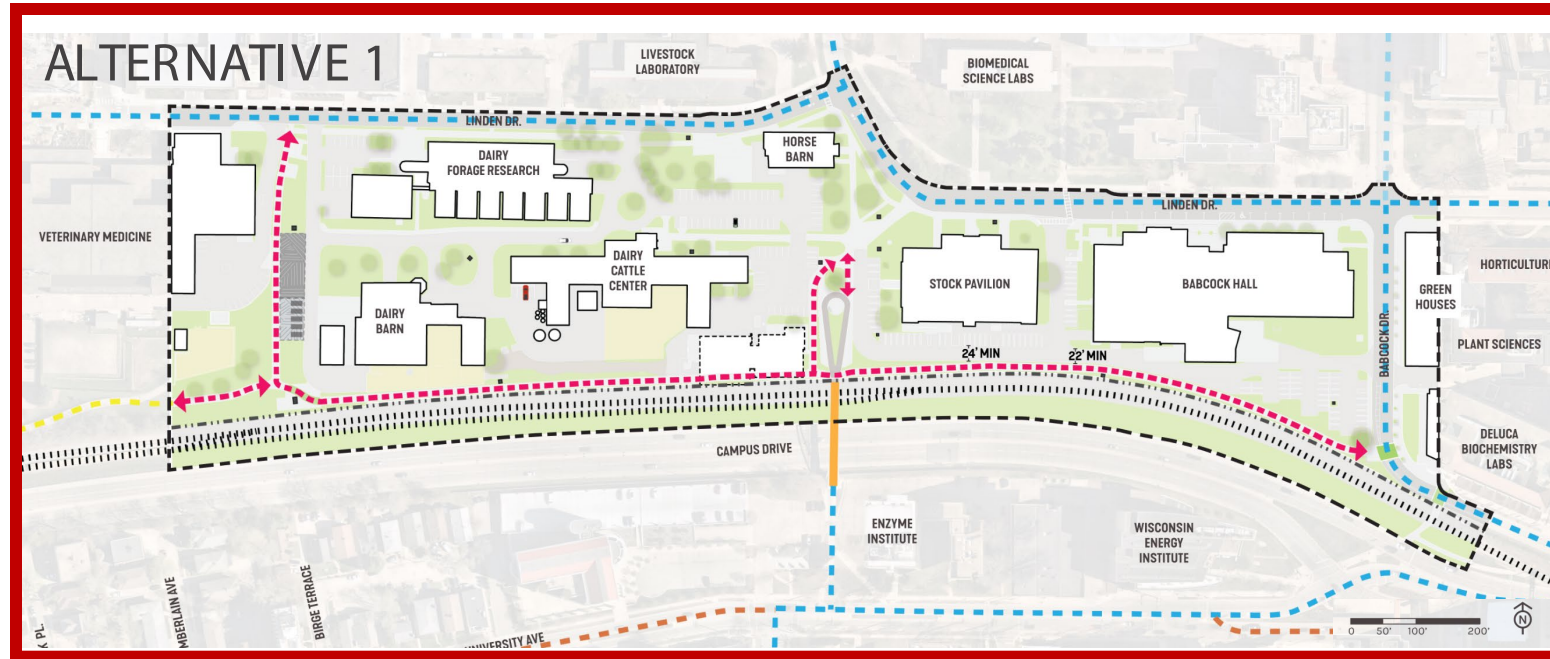
*Source: Dane County Bicycle Map

PARKING ASSESSMENT

173	Current Parking
22	Parking Removal
12	Parking Addition
163	Total Parking
10	Overall Reduction

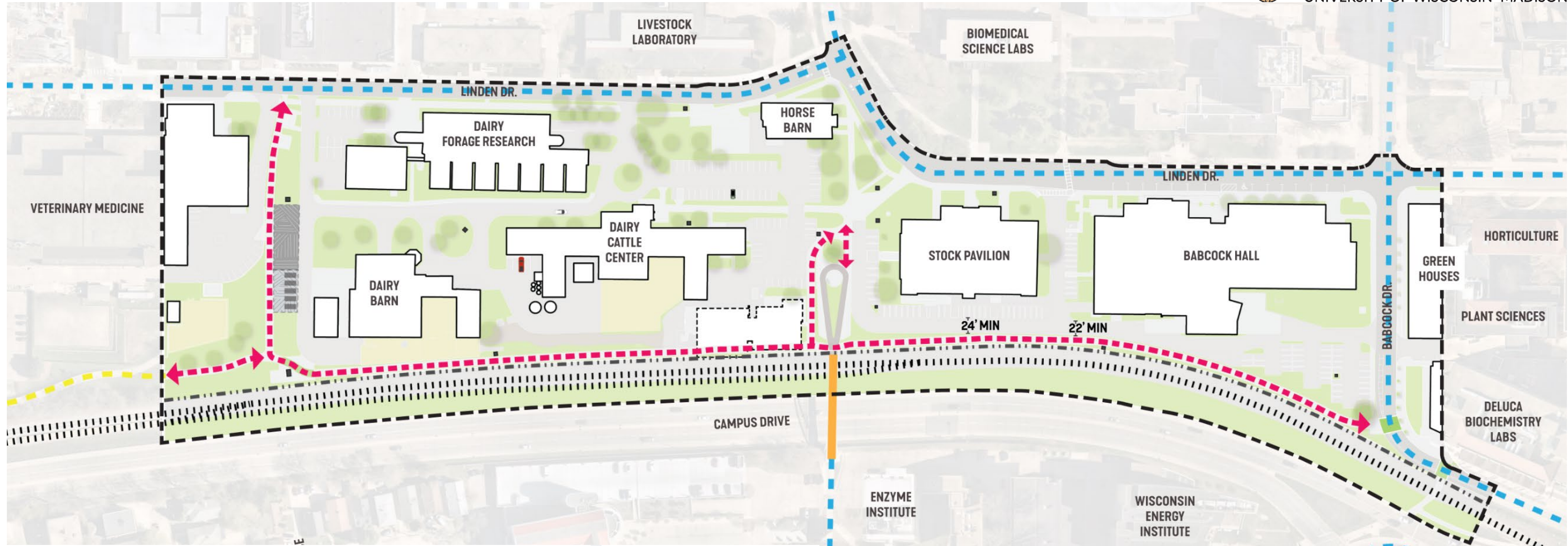
PREFERRED ALTERNATIVE

DESIGN CONSIDERATIONS



1. 10' WIDE PATH SUFFICIENT FOR THIS REACH
2. FEWEST POTENTIAL VEHICULAR CONFLICTS
3. MEAT & MUSCLE IS PLANNED TO BE REMOVED IN 2024
4. TABLETOP CROSS AT BABCOCK DR IS ALREADY NEEDED
5. ALIGNS WITH HOW MANY BICYCLISTS USE THE SITE ALREADY
6. PLACES PATH OVER EXISTING UTILITIES
7. HAS THE FEWEST IMPACTS ON EXISTING LARGE VEHICLE SERVICE ROUTES

PREFERRED ALTERNATIVE



LEGEND

- Study Boundary
- WI & Southern Railroad
- Bike Overpass*
- Existing Multiuse Trail*
- Existing UW Ground Storage
- Proposed Screened Dumpsters
- Existing Stock Paddock to Remain
- Existing Signed City Bike Route*
- Existing On Street Bike Route*
- Existing On Street Connecting Route
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*Source: Dane County Bicycle Map

PARKING ASSESSMENT

173	Current Parking
52	Parking Removal
38	Parking Addition
159	Total Parking
14	Overall Reduction

NEXT STEPS

ADDITIONAL DESIGN

1. CONDUCT A TRAFFIC STUDY TO DETERMINE TABLETOP PLACEMENT AND ALIGNMENT AT BABCOCK DR AND OTHER INTERSECTIONS IMPACTED BY PREFERRED ROUTE.
2. COORDINATE WITH CALS TO EVALUATE AND REVIEW PREFERRED ALIGNMENT WITH THE ON-GOING, IN-PROGRESS CALS CAMPUS MASTER PLAN
3. DEVELOP SCHEMATIC DESIGN FOR PREFERRED ALIGNMENT
 - a) EVALUATE ANTICIPATED TREE IMPACT AND REMOVAL ASSOCIATED WITH ALIGNMENT
 - b) REVIEW DAIRY BARN OPERATION AND TEMPORARY ANIMAL HOLDING YARD USE
 - c) TEST UW REFUSE & RECYCLING OPERATION MOVE AND ACCESS

