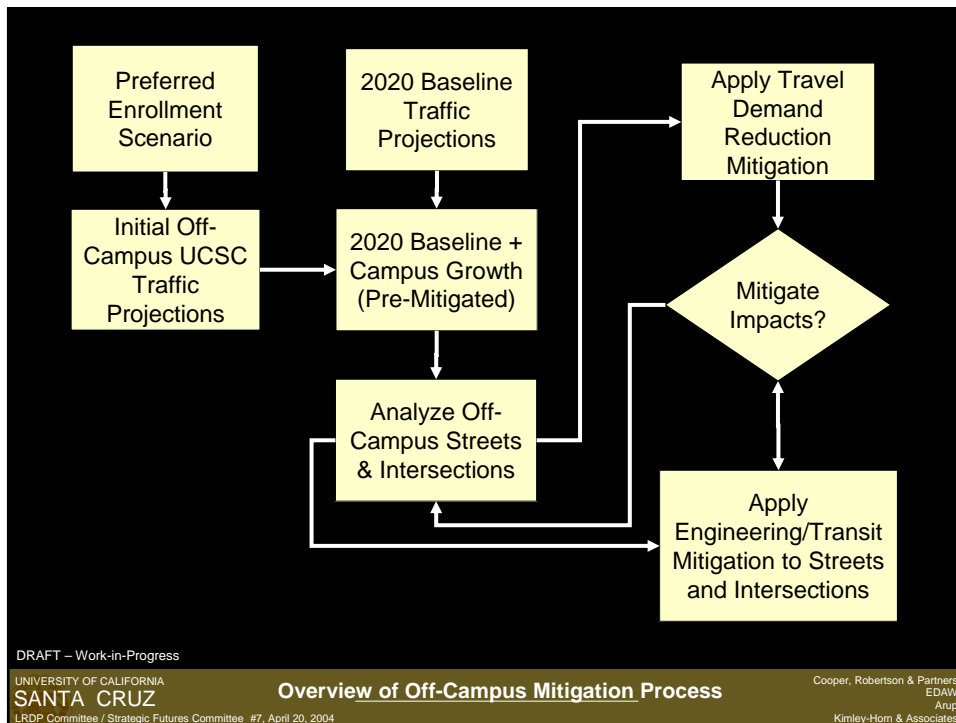


# Off-Campus Traffic Analysis

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LRDP Committee / Strategic Futures Committee #7, April 20, 2004

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EDAW  
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## Travel Demand Reduction Measures

- High priorities:
  - Maintain/improve current mode share through existing and enhanced TDM programs
  - Increase retail/services on campus (particularly grocery)
  - Implement transit pre-emption/queue jump lanes for transit on campus and selected off campus locations

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## Travel Demand Reduction Measures

- Medium High Priorities:
  - Provide direct express Eastside to Campus bus service bypassing Downtown Transit Center
  - Provide eastside and/or South County remote park and ride
  - Modify class and staff scheduling to reduce peak travel demand
  - Expand vanpool fleet

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# Travel Demand Reduction Measures

- Medium priorities
  - Shift staff to off-campus locations on westside
  - Introduce car-sharing program
  - Support implementation of Bus Rapid Transit in Santa Cruz
- Low priorities
  - Provide Westside park and ride facility
  - Provide Highway 1/9 park and ride facility
  - Shift staff to eastside off-campus location

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# Street and Intersection Improvements

Highland/Mission  
Storey/King/Mission  
Bay/Escalona  
Signal: Empire Grade/Western  
Signal: Empire Grade/West Entrance  
Mission/Chestnut/Hwy 1  
Access Management on Mission

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# On-Campus Transportation System

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## On-Campus Pedestrian and Bicycle Improvements

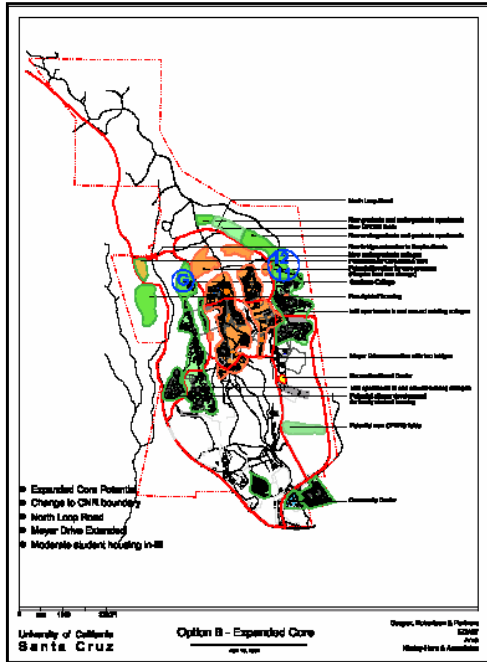
- New ped bridges over ravines
- Bike management plan for natural reserves
- Pedestrian spine through campus
- Bike lanes on campus roads
- Ped grade separations on McLaughlin
- McLaughlin closed to traffic

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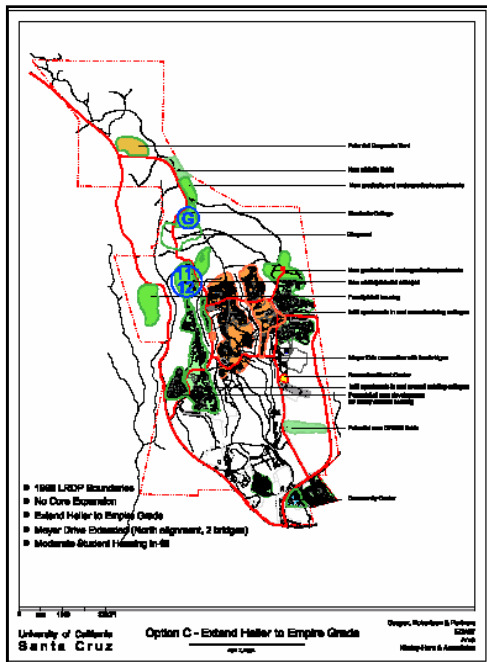




## Option B Expanded Core

- Adds north campus loop road
- Secondary access to Empire Grade
- Meyer Drive connection
- Issues:
  - Expanded transit system to serve north campus
  - Terrain

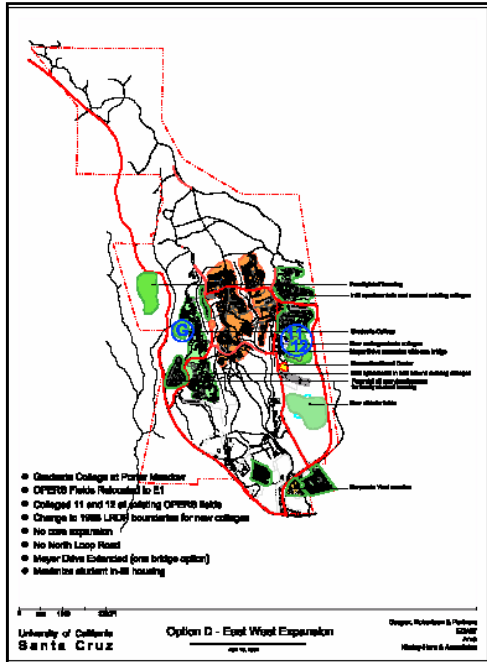
Draft- Pre-decisional -- For Discussion Purposes Only



## Option C Extend Heller to Empire Grade

- Extends Heller
- Secondary connection to Empire Grade
- Meyer Drive connection
- Issues:
  - Difficult to serve with transit
  - Terrain
  - Facilities widely separated

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## Option D East West Expansion

- Minimum roadway extensions
- No secondary connection to Empire Grade
- Meyer Drive connection
- Issues:
  - Maintains existing transit system
  - Difficult to close McLaughlin to vehicle traffic
  - Fire access

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## On-Campus Performance Measures

- Vehicular circulation
  - ability to reach any part of the campus by vehicle particularly by emergency vehicles;
  - intersection level of service at key campus access intersections;
- Transit system
  - minimum walking distance to transit stop from any point on campus;
  - continuity of transit system to all parts of campus;
  - frequency of transit service;
- Pedestrian system
  - continuity and directness of pedestrian system;
  - number of key conflict points (high usage crossings);
- Bicycle system
  - continuity of bicycle system (Class II lanes and Class I paths);
  - percent of system exclusive to bicycles versus shared paths/streets;

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