WALKABLE EMPLOYMENT CENTERS

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Urban Design Addresses:

SPUR – Getting to Great Design

- The placement, orientation and form of **buildings**
- **Site planning**, or the physical arrangement of buildings and uses within development projects
- **Multiple scales,** from the human body to the neighborhood or district
- Circulation and access for all travel modes
- Human experience, activity, social interaction and travel behavior
- The arrangement and design of streets and open spaces
- The connection of buildings to the **public realm** and to one another
- Above all: the integration of all these things

SPUR, "Getting to Great Places"

DESIGN FOR WALKABILITY:

7 KEY COMPONENTS

1. Create Finegrained Pedestrian Circulation



Block Structure



Network Analysis by CityID for OED

North San Jose

Center: North First Street and West Trimble Street



Center: Fourth Street and Harrison Street



3/4 mile x 3/4 mile

- WALK SCORE 38 out of 100
- TRANSIT STOPS 3 3 light rail
- EMPLOYEE DRIVE ALONE RATE 84% County Rate: 77%

3/4 mile x 3/4 mile

- WALK SCORE 95 out of 100
- TRANSIT STOPS
 75
 5 regional rail, 70 high frequency bus
- serving 36 routes
- 35% County Rate: 36%

Downtown San Jose

Center: West San Fernando Street and South Almaden Boulevard



3/4 mile x 3/4 mile

- WALK SCORE 93 out of 100
 - TRANSIT STOPS **38 3** regional rail, **7** light rail, **28** high frequency bus serving 8 routes
- EMPLOYEE DRIVE ALONE RATE 76% County Rate: 77%

2. Orient Buildings to Streets and Open Space



Figure-Ground



Network Analysis by CityID for OED

Sense of Enclosure



CD+A, ITE Walkable Urban Thoroughfares manual

3. Organize Uses to Support Public Activity



Mixed Use



Benefits of mixed use:

- Encourages walking and bicycling for short/local trips, by placing different uses within walking distance (home to work, home to shop, work to lunch/errands, etc.)
- **Supports transit** if worker-serving amenities provided within walking distance of transit-served workplaces
- Supports public life by bringing people out of buildings and onto streets
- Increases safety by creating activity throughout the day and evening
- Supports economic development by providing daytime and evening/nighttime customers for businesses



Mesa del Sol, Albuquerque



Overall Master Plan



Auto and Transit Circulation Network



Mixed-Use Centers



Regional Employment Center – 1,500 acres, 9MSF



Employment Center Showing Mixed-Use Nodes



Employment Center Showing Industry Clusters



Community Center Showing Connections to Employment







4. Place Parking Behind or Below Buildings





Parking between the sidewalk and buildings is not pedestrian friendly

Site Coverage for Typical Commercial Development



Site Organization

- Building placement
 - -Compactness of buildings facilitates walking
 - -Higher activity uses should be closest to transit stops
 - -Orient major uses towards transit streets
 - Locate complementary uses together to assist in trip chaining
 - -Adjacent street network provides connectivity

Bring Buildings Closer to the Street

 Creates a street where drivers know to expect pedestrians



Cascade Station, Portland



Cascade Station, Portland



Parking Policies for Site Design

- Successful parking requirements consider:
 - Development type and size
 - Surrounding land use mix
 - Development density and design
 - Demographics
 - Availability of transportation choices
 - Off-site parking

Shared Parking Policy



• Parking Access

- Consolidate parking access points to minimize conflicts
- Link parking areas to adjacent sites
- Provide pedestrian walkways and refuges



Parking

5. Address the Human Scale with Building and Landscape **Details**





Count the Human-Scaled Elements of this Scene



Count the Human-Scaled Elements of this Scene





Count the Human-Scaled Elements of this Scene



6. Provide Clear, Continuous Pedestrian Access





7. Build Complete Streets



Travel Behavior Affects Livability







