

# Rethinking England Street





























# Demanding a great street?

COMFORTABLE

CONNECTED

SAFE







Sunset Drive, South Miami FL

# COMFORTABLE

CONNECTED

SAFE







#### COMFORTABLE

### CONNECTED

SAFE

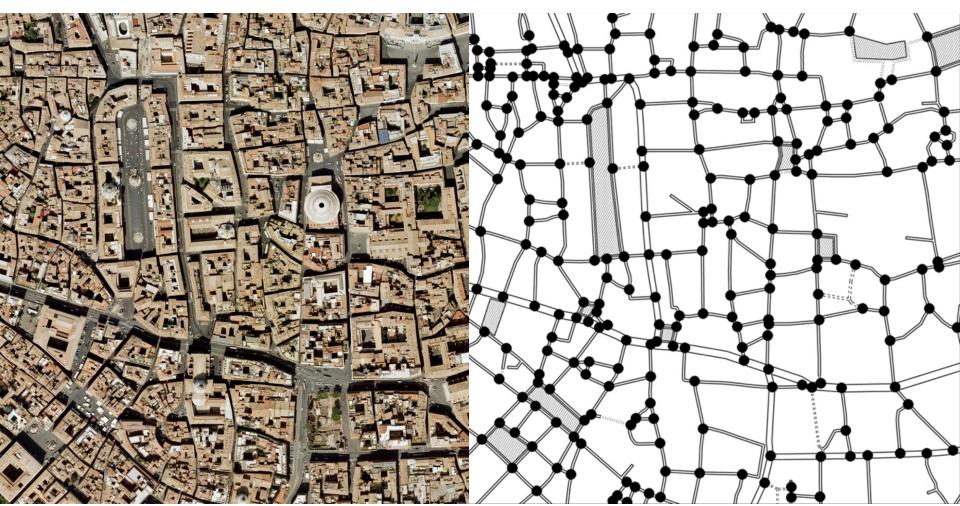
The Woodlands, Texas - 36 intersections per square mile



#### Celebration, Florida - 377.8 intersections per square mile



Rome, Italy - 1029.2 intersections per square mile



COMFORTABLE

CONNECTED

SAFE

Vision Cone A driver's visual focus diminishes as speed increases.



15 mph



20 mph



25 mph

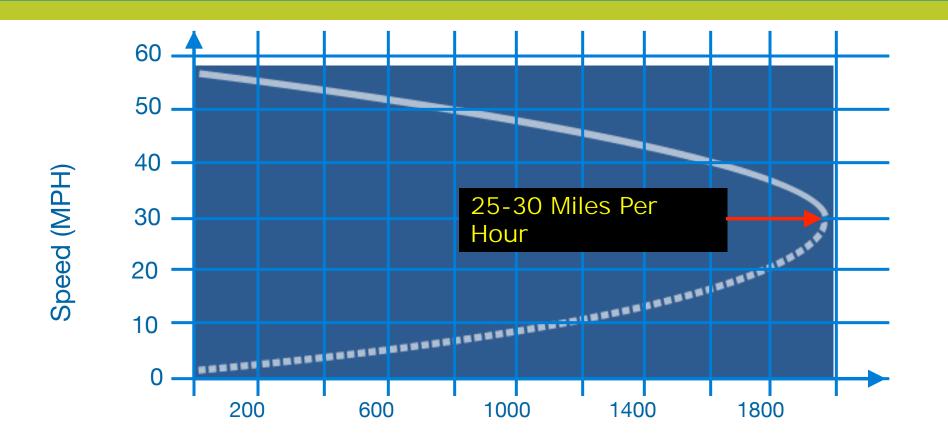


30 mph

Vision Cone / NACTO



#### Car-moving efficiencies at lower speeds...

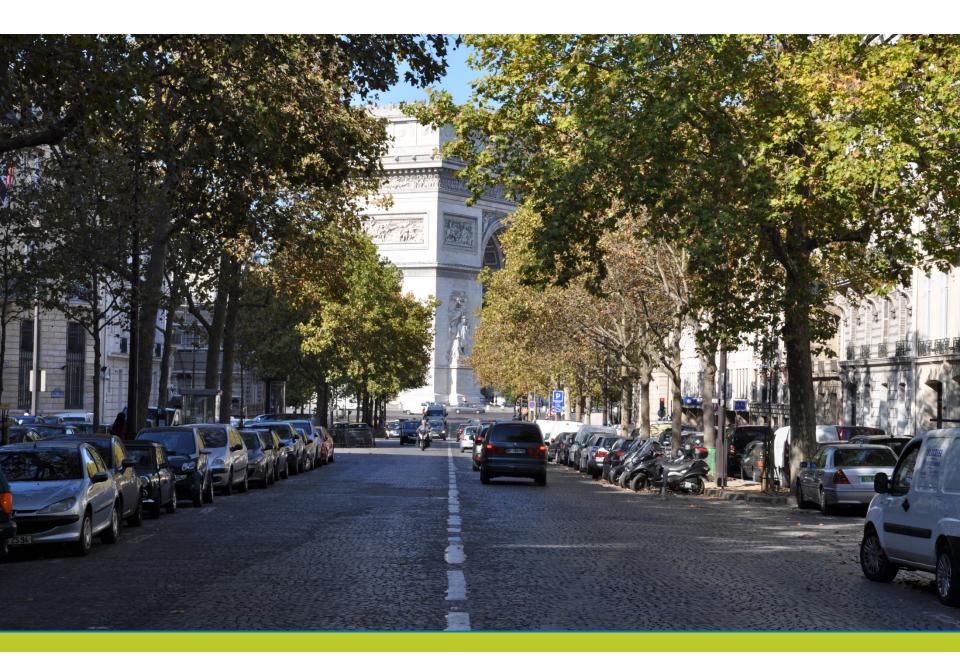


Hourly Vehicles Per Lane

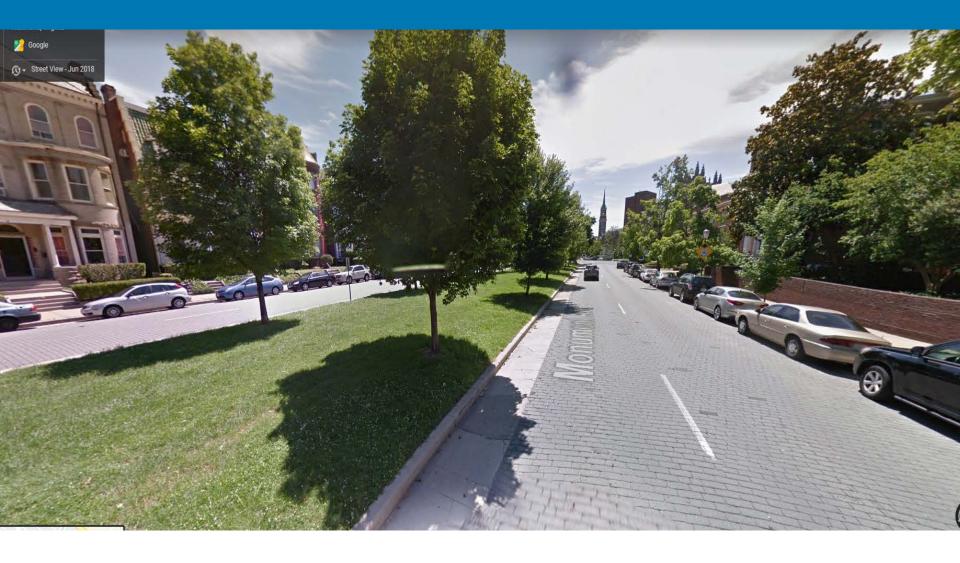
COMFORTABLE

CONNECTED

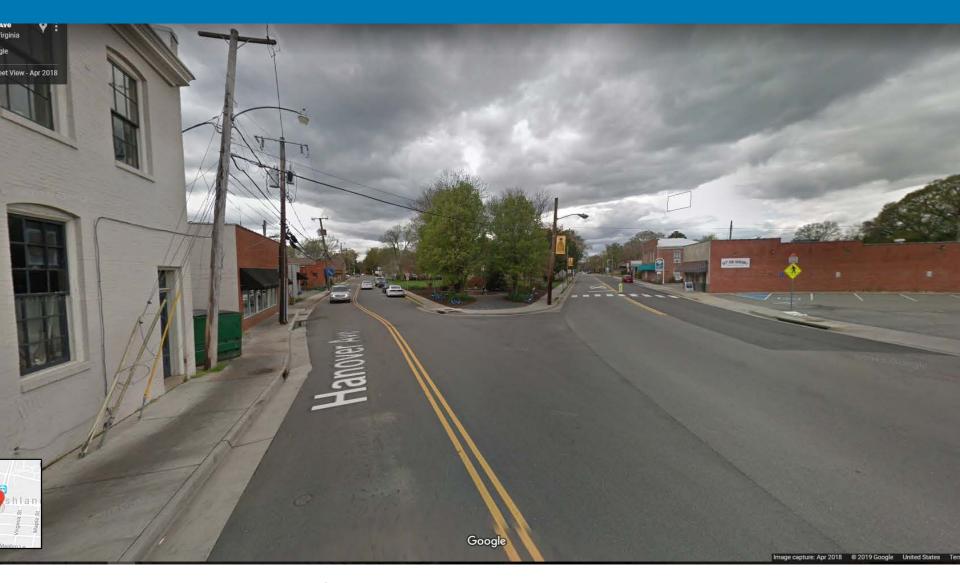
SAFE



Avenue d'Iena, Paris



Monument Avenue, Richmond



The Split, Ashland

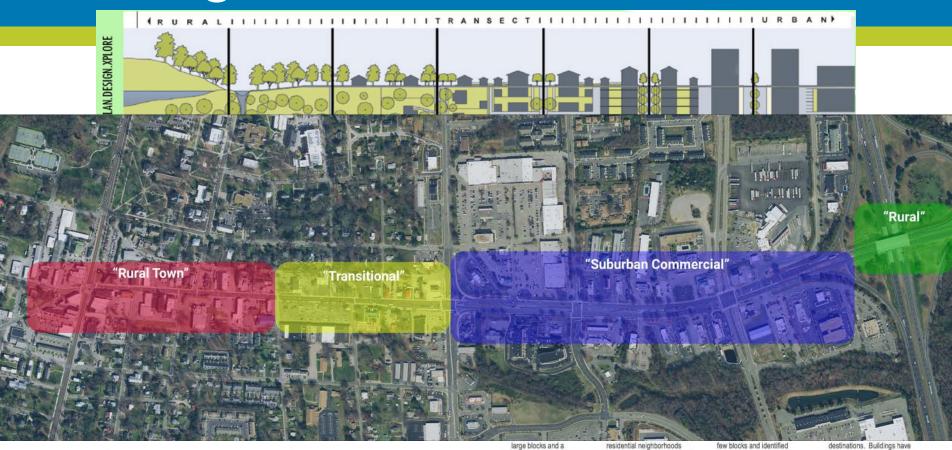


#### Development & Access



### Let's go walking!

### Fitting the Road to the Context



large blocks and a disconnected or sparse roadway network. residential neighborhoods immediately along the corridor or behind the uses fronting the roadway. few blocks and identified as part of a civic or economic center of a community, town, or city. destinations. Buildings have mixed uses, are built up to the roadway, and are within a wellconnected roadway network.







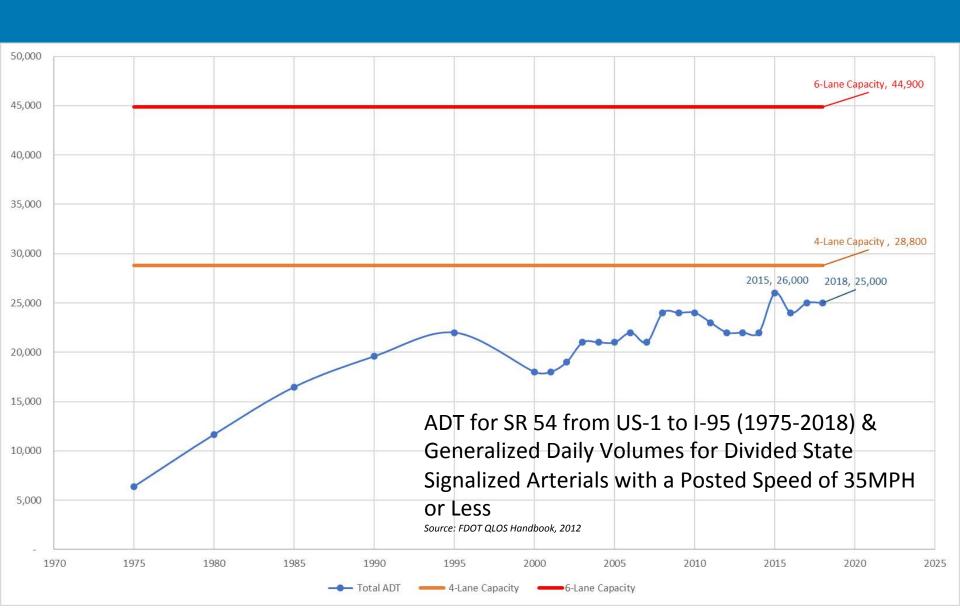








#### Traffic



### Access Mgmt. Regulations 24VAC30-73-60

 "VDOT will permit reasonably convenient access to a parcel of record. VDOT is not obligated to permit the most convenient access, nor is VDOT obligated to approve the permit applicant's preferred entrance location or entrance design."

# Access Mgmt. Regulations 24VAC30-73-70

- "The use of a shared entrance between adjacent property owners shall be the preferred method of access."
- "All entrance design and construction shall accommodate pedestrian and bicycle users of the abutting highway in accordance with the Commonwealth Transportation Board's "Policy for Integrating Bicycle and Pedestrian Accommodations", 2004."

# Access Mgmt. Regulations 24VAC30-73-110

 "The tenure of a commercial entrance to any highway is conditional. Reconstruction, relocation, commercial entrance consolidation, or upgrading, or a combination of these, maybe required at the owner's cost when the district administrator's designee determines after review that one of the conditions listed below exists." (safety, use or

Nation maintenaince)

### Keystone Opportunities

1. 6-4 lane conversion with protected bike lane

2. Wider sidewalks and tree lined buffered areas

3. Minimization of curb cuts in accordance with current VDOT Access Mgmt Stds.(between Hill Carter and Cottage Green from 16 to 5)

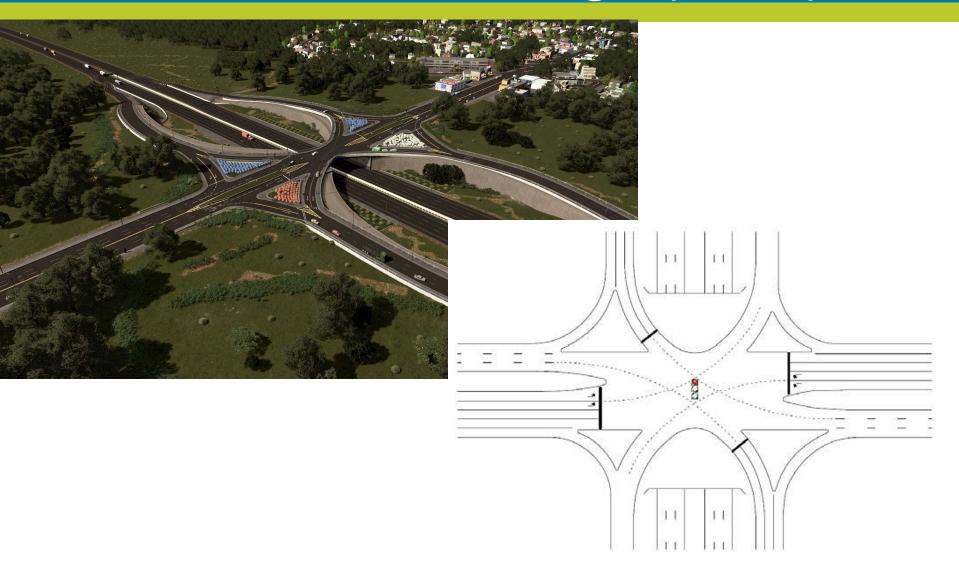
### Operational Opportunities

 Reduce left turn lane tapers, deceleration and storage lengths to accommodate mid block crossing opportunities

2. Eliminate right turn channelization ("Pork Chop") at US 1

3. Long Term: Diamond to SPUI

# Recommended: Single-Point Urban Interchange (SPUI)





#### From "Futon" to Great Street

