

THE I-84 HARTFORD PROJECT





Agenda

- Welcome / Introductions
- Brief Presentation
 - Road vs street function primer
 - Trip origins and destinations
 - Major traffic generators
 - Parking supply density and utilization
- Conceptual Planning Work Session
 - Potential parking impacts and mitigation ideas
 - Ramp location pros and cons
 - City street improvement ideas
- Next Steps / Future Meetings



Quiz: Define Mobility

The movement of people from place to place many people think of this:





Quiz: Define Accessibility

Ability to access many destinations by as many people as possible → many people think of this:





Mobility –vs- Accessibility





I-84





Function of roads

- High mobility
- Connect economic centers
- Facilitate commerce





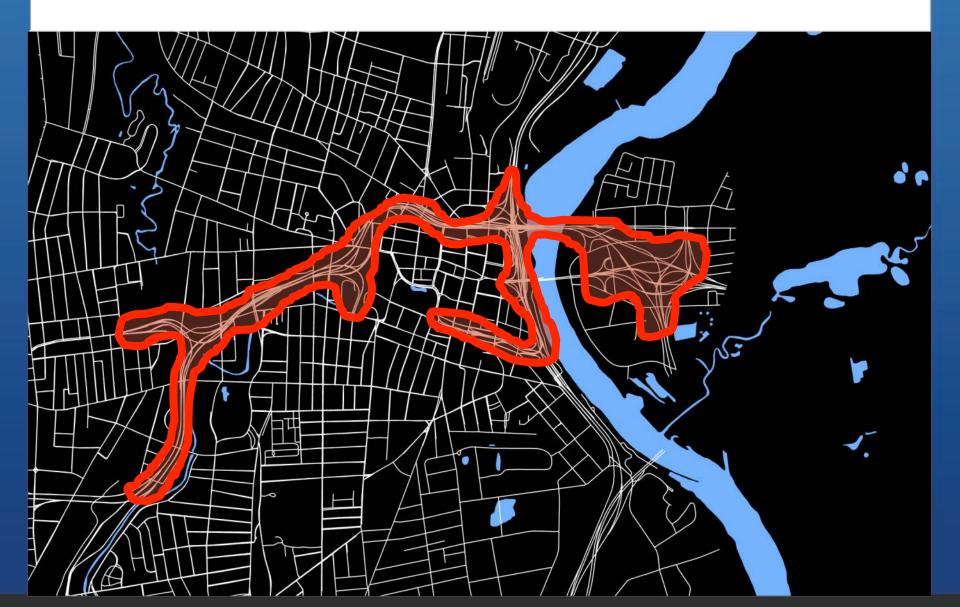
Function of streets

- High access
- Facilitate public interaction
- Minimize need for auto mobility



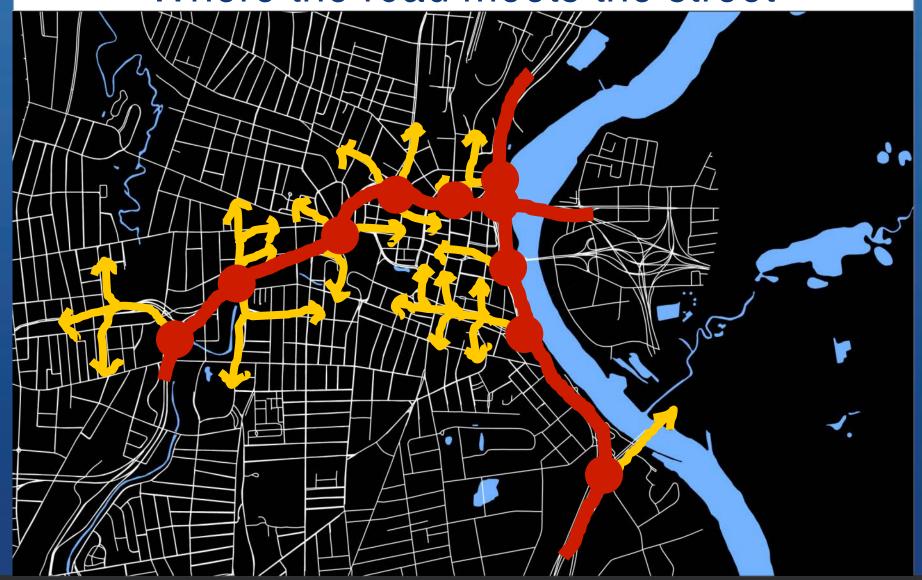


Hartford's network





Where the road meets the street





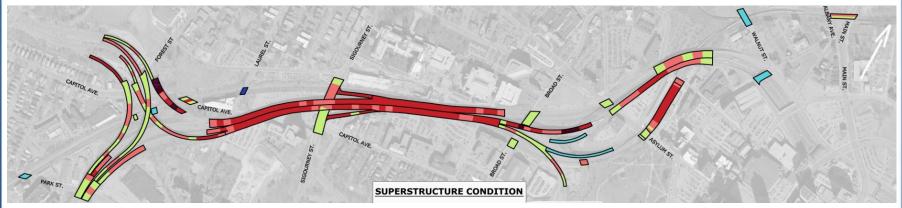
How to make better roads

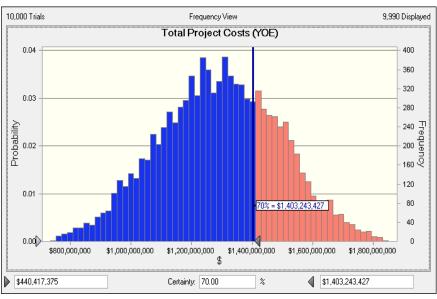
- Minimize friction
 - Limit access
 - Straight alignment/standard geometry
 - Forgiving design
- We know how to do this well

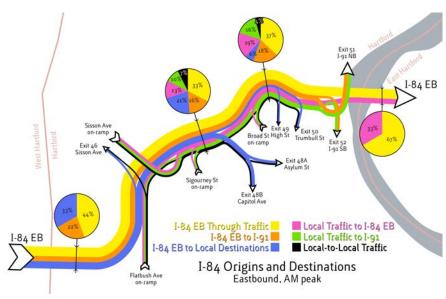




Direct measurement









How to make better streets

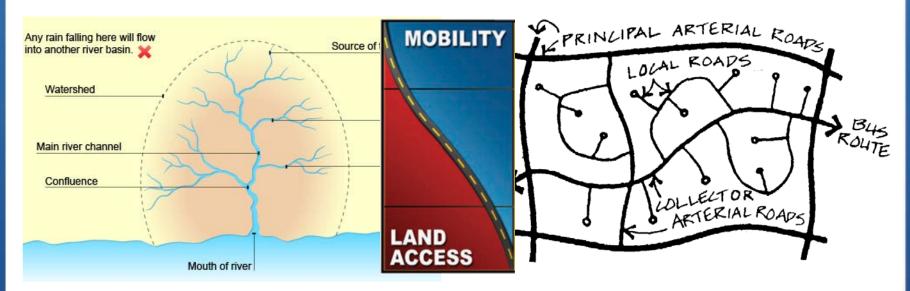
- Increase network (parallel streets)
- Design for slow traffic speed
- Maximize non-auto travel options
- Design to suit context
- Strategically manage parking
- Mitigate confluences



→ Make people the center of the solution!



What are confluences?

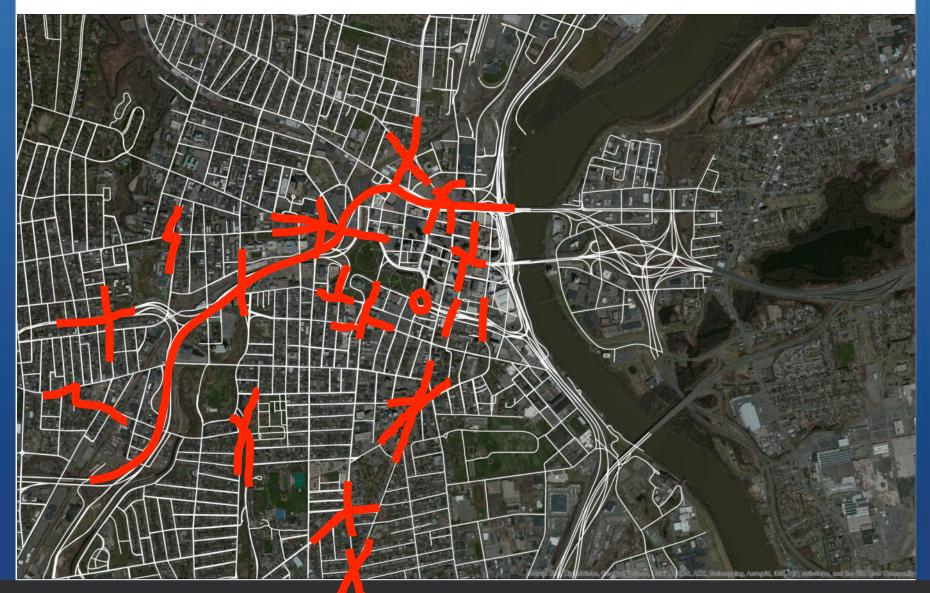






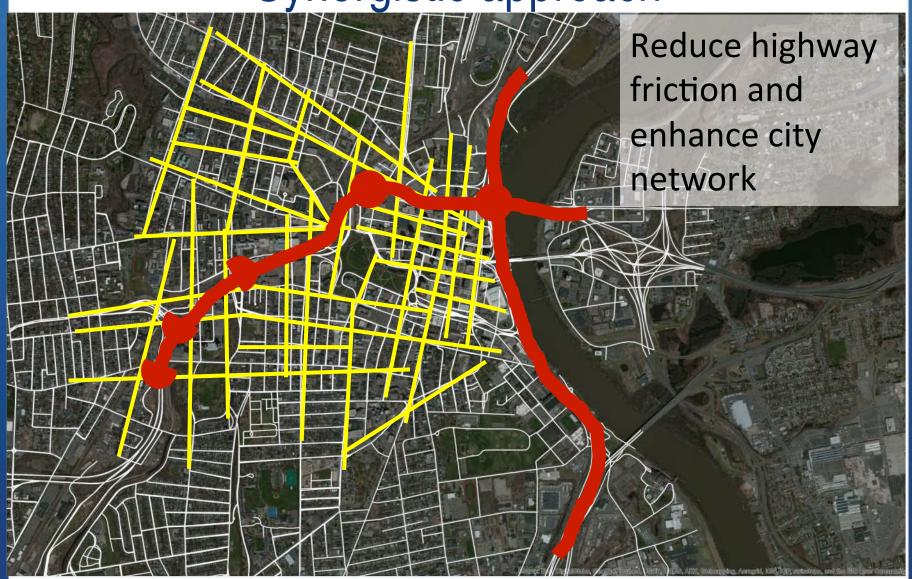


Confluences...





Synergistic approach



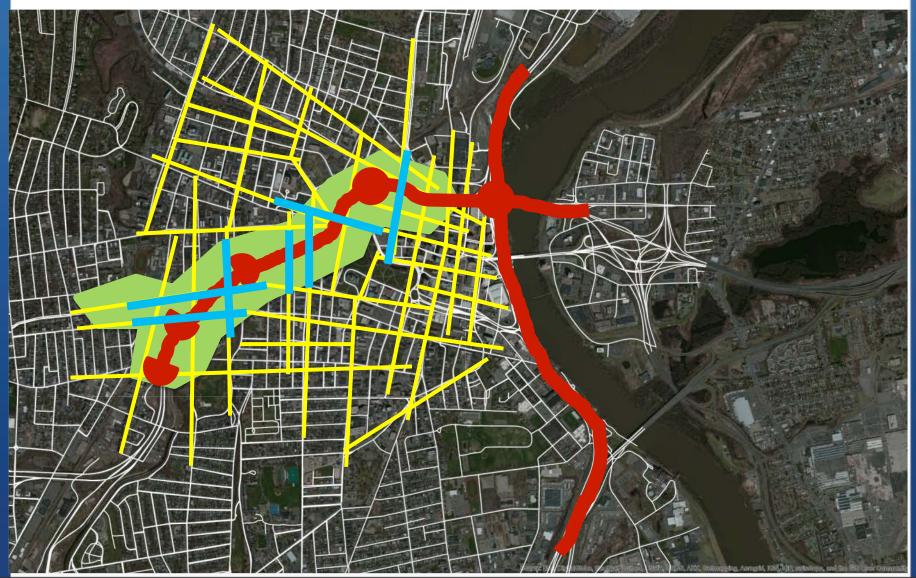


But we have project limits



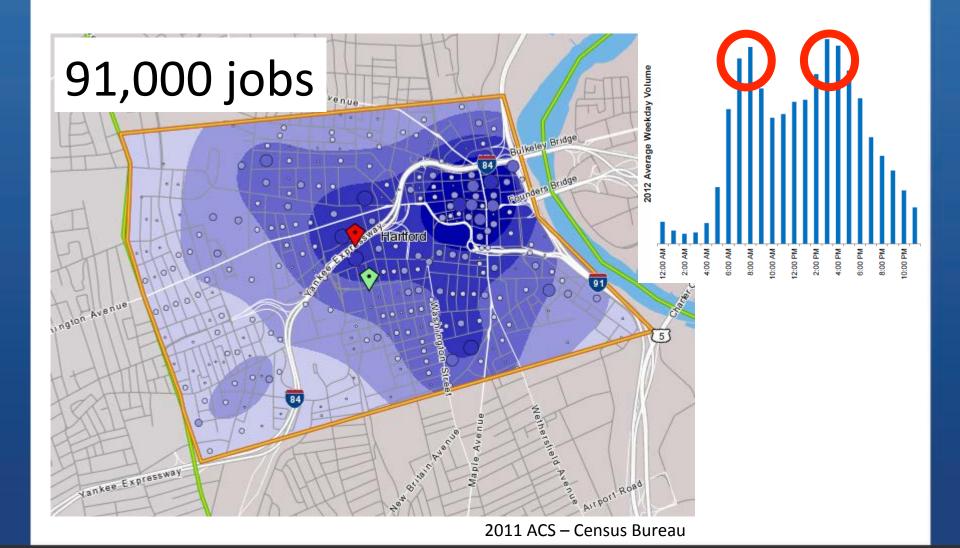


What can be done?



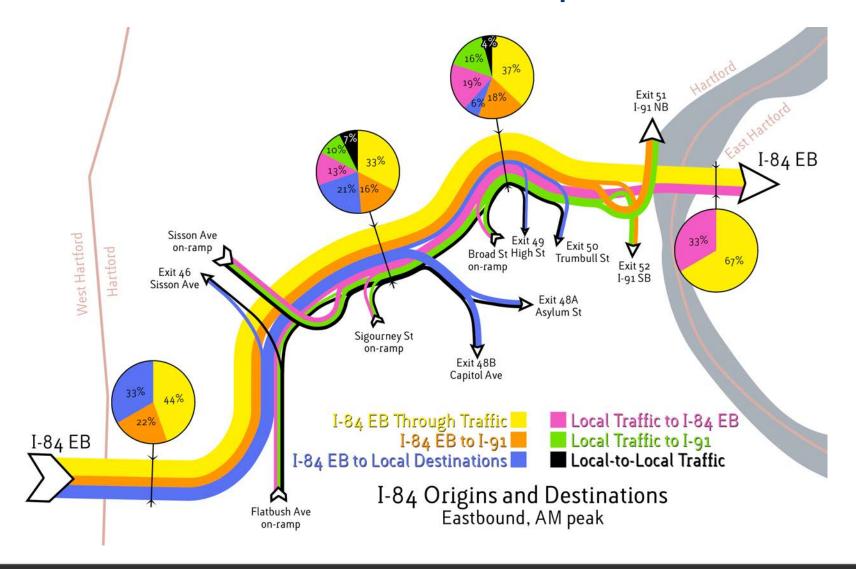


An employment destination



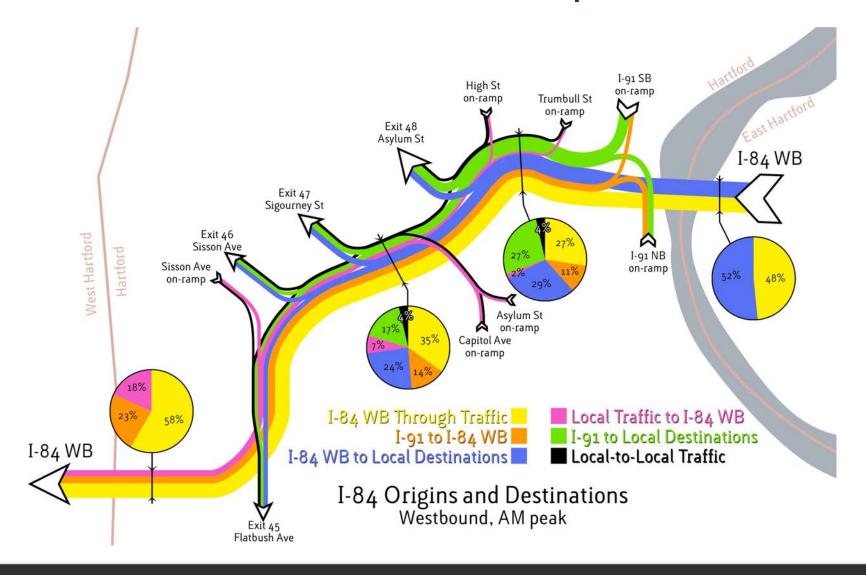


Eastbound AM trips



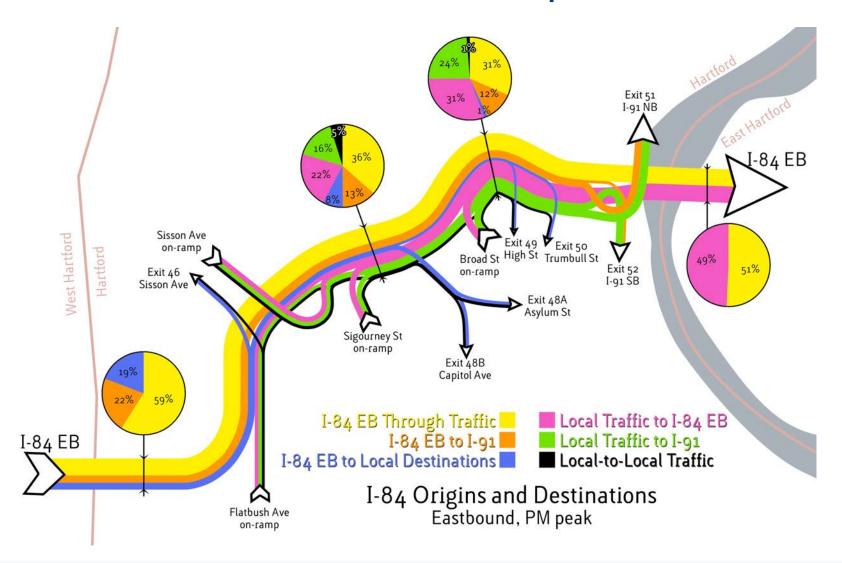


Westbound AM trips



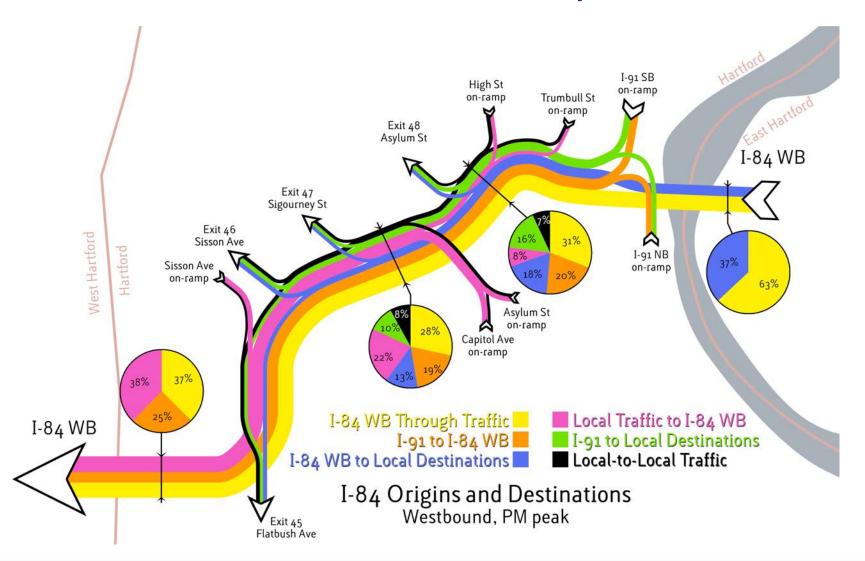


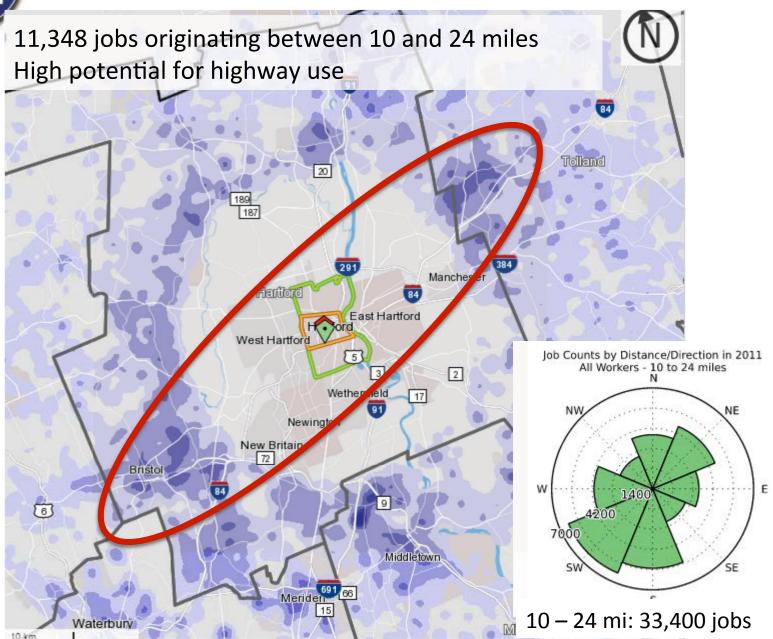
Eastbound PM trips

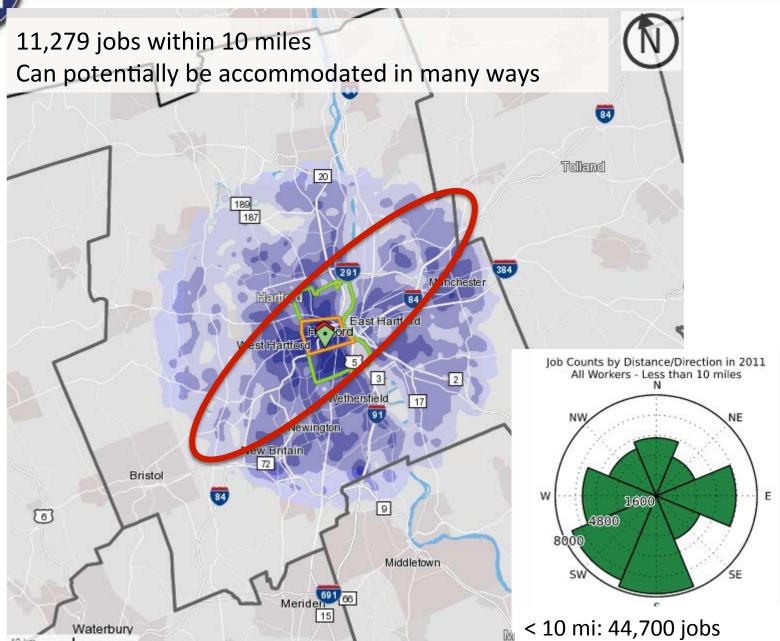




Westbound PM trips

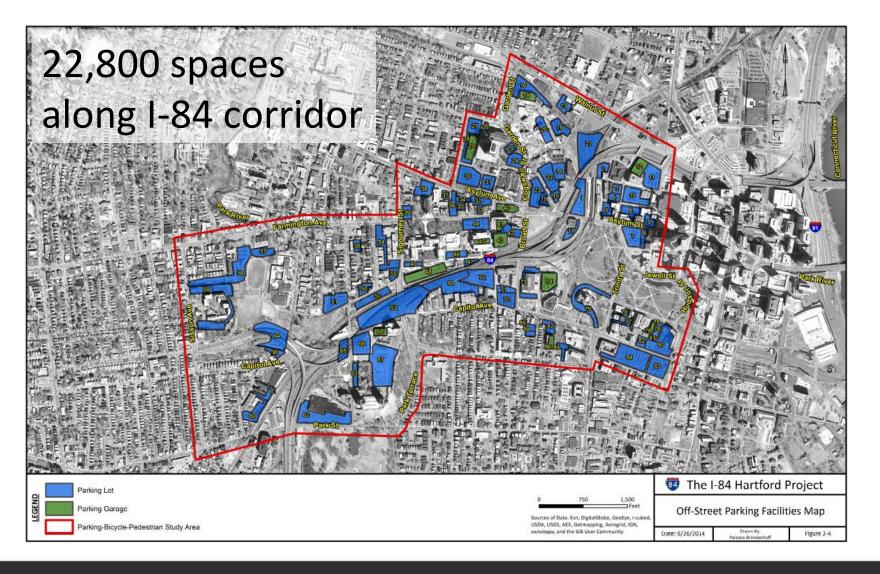






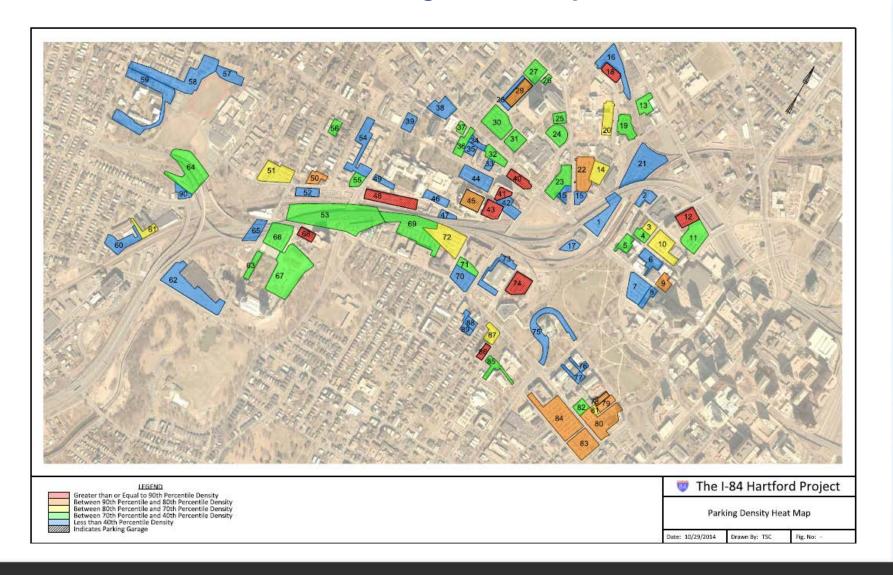


Parking is a destination



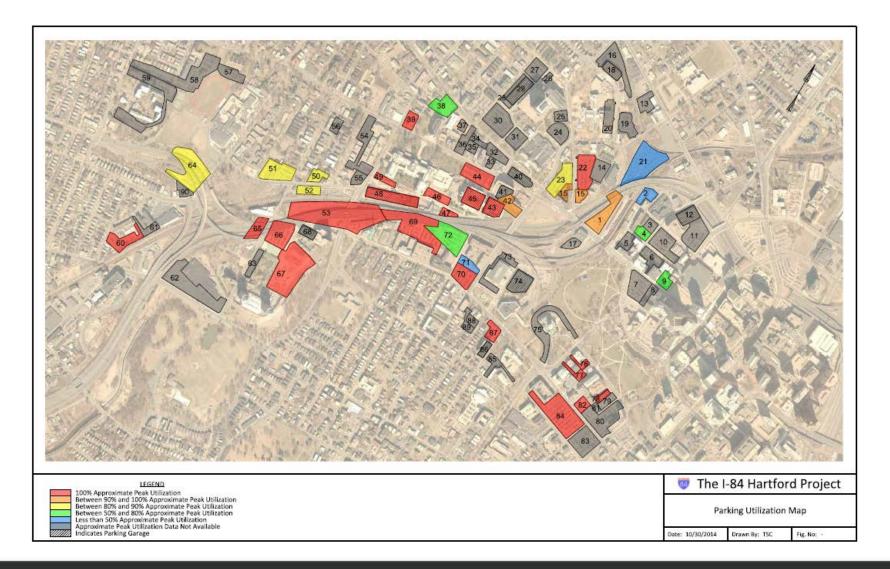


Parking density



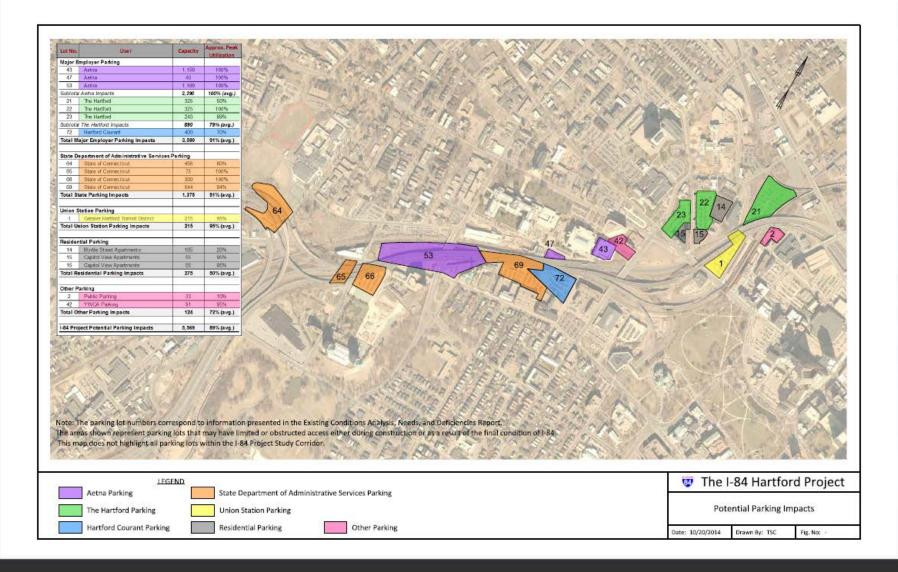


Parking utilization





Potential impacts





Conceptual Planning Work Session

Review the 4 conceptual alternatives considering the following:

- Potential parking relocation
- Ramp location pros and cons
- City street improvement ideas

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Preliminary Alternative 1 – No-Build

Existing Railroad Alignment

Key Features

I-84 Mainline: Bridges replaced or rehabilitated

Interchanges: No changes

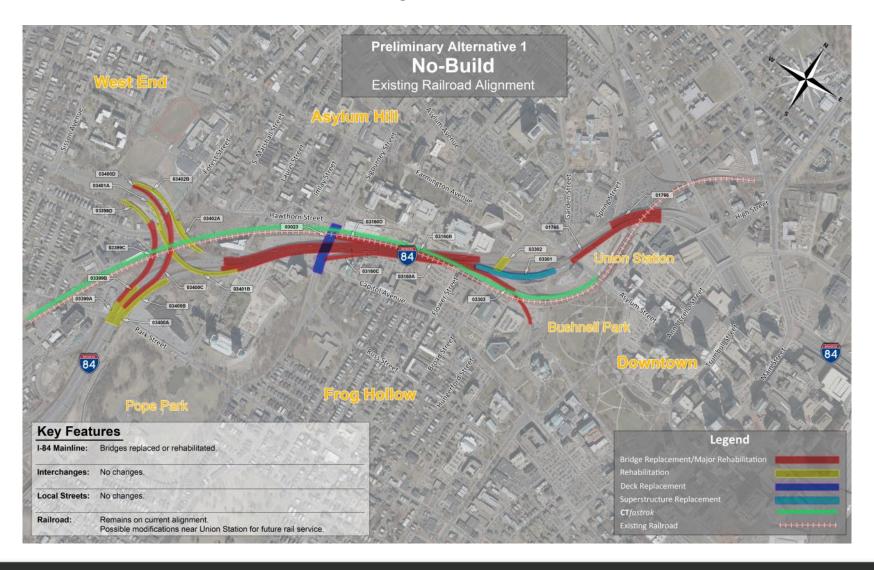
Local Streets: No Changes

Railroad: Remains on current alignment. Possible modifications

near Union Station for future rail service.



Preliminary Alternative 1



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Preliminary Alternative 2 – Elevated Highway Existing Railroad Alignment

Key Features

I-84 Mainline: Rebuild mainline bridges with wider shoulders

Interchanges: Reduce number of interchanges

Interchange locations to be evaluated and tested

Local Streets: Some streets added or modified to optimize access

Possible vertical clearance issues at High St. and

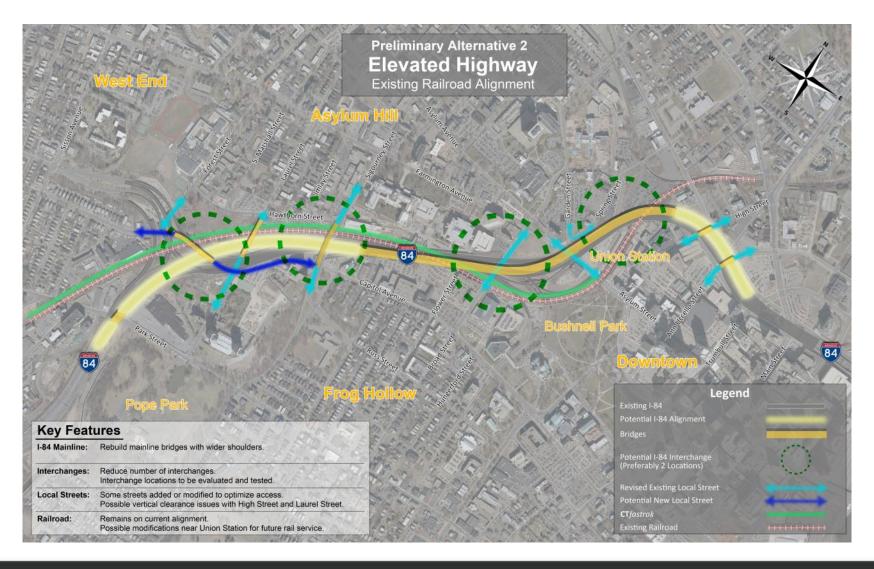
Laurel St.

Railroad: Remains on current alignment. Possible modifications

near Union Station for future rail service.



Preliminary Alternative 2



Preliminary Alternative 3 – Lowered Highway

Relocated Railroad Alignment

Key Features

I-84 Mainline: Rebuild mainline with wider shoulders at lower elevation

Mainline would either be at ground level or in a cut

section

Interchanges: Reduce number of interchanges

Interchange locations to be evaluated and tested

Local Streets: Some streets added or modified to optimize access

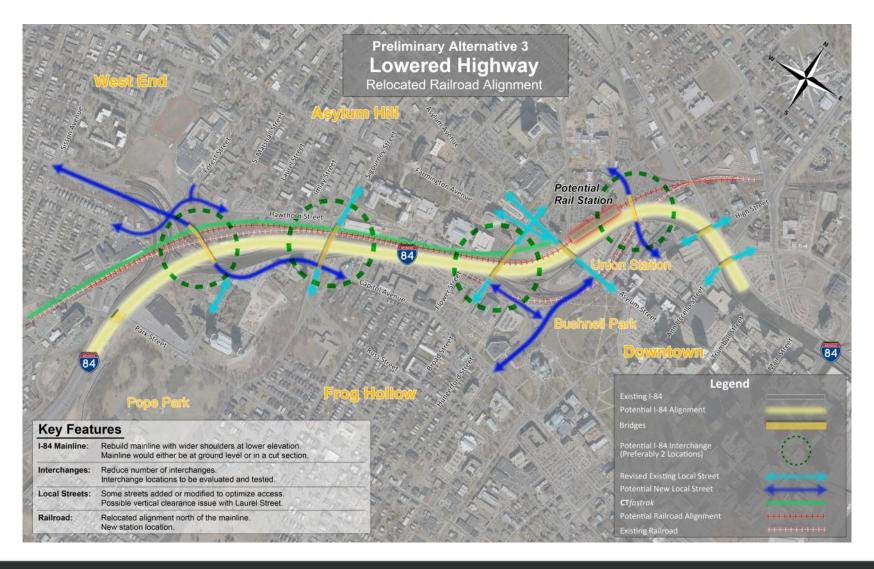
Possible vertical clearance issue with Laurel Street

Railroad: Relocated alignment north of mainline

New station location



Preliminary Alternative 3





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Preliminary Alternative 4 – Tunneled Highway

Relocated Railroad Alignment

Key Features

I-84 Mainline: Rebuild mainline in an underground section from

Myrtle

Street to Laurel Street

Interchanges: Reduce number of interchanges

Interchange locations to be evaluated and tested

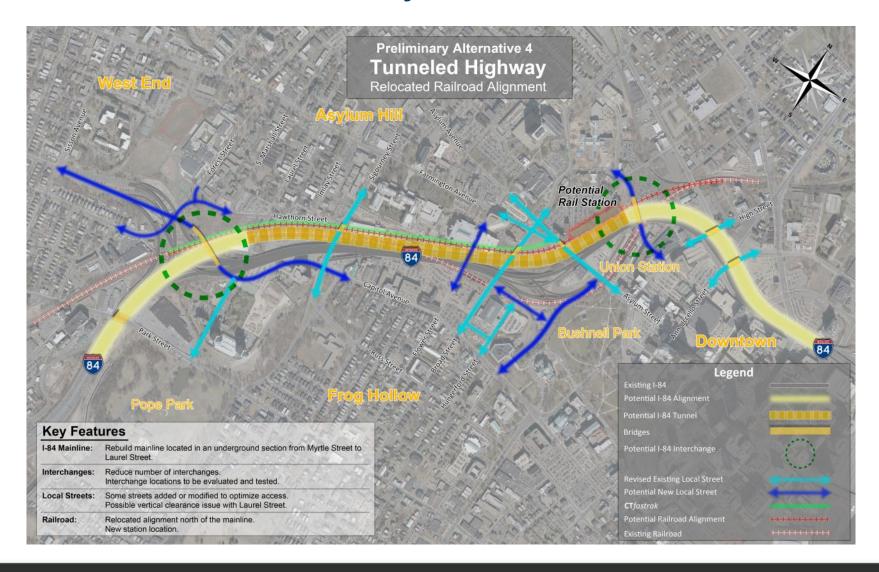
Local Streets: Some streets added or modified to optimize access

Possible vertical clearance issue with Laurel Street

Railroad: Relocated alignment north of mainline

New station location







Thank You!

We deeply appreciate your time and your commitment to helping us reach the best possible solution for the State, the region and the City.

Your I-84 Hartford Project Team



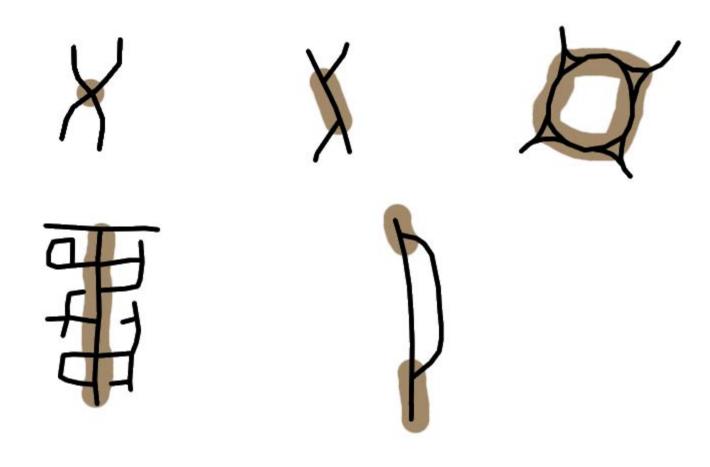
Extra slides



Observations

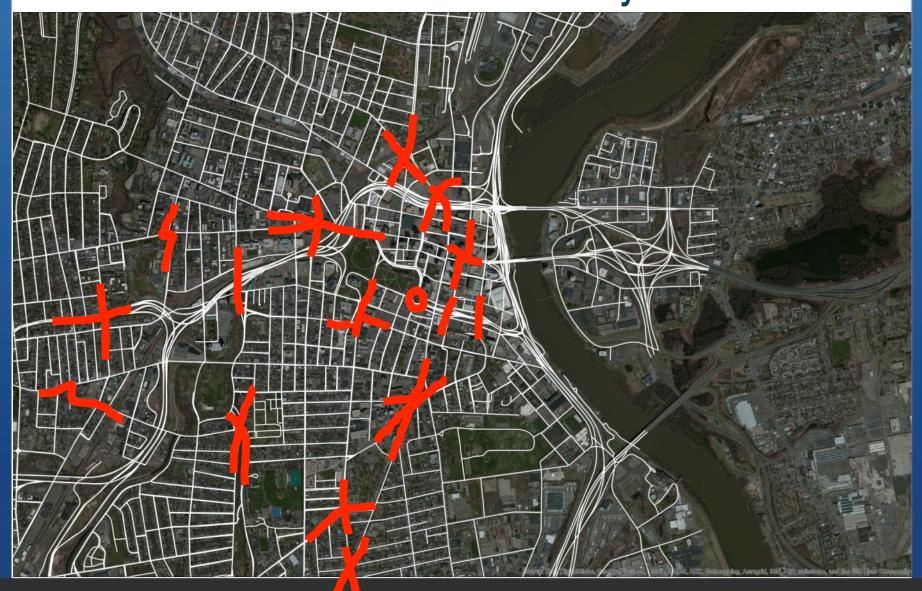
- The I-84 corridor serves high work-trip demand
- Demand is concentrated during peak periods
- Highway will continue to serve a majority of trips
- Commuter rail and CTfastrak will offer travel options along this corridor
- Network can assist I-84 in handling short trip demand

Confluence examples





Hartford has many



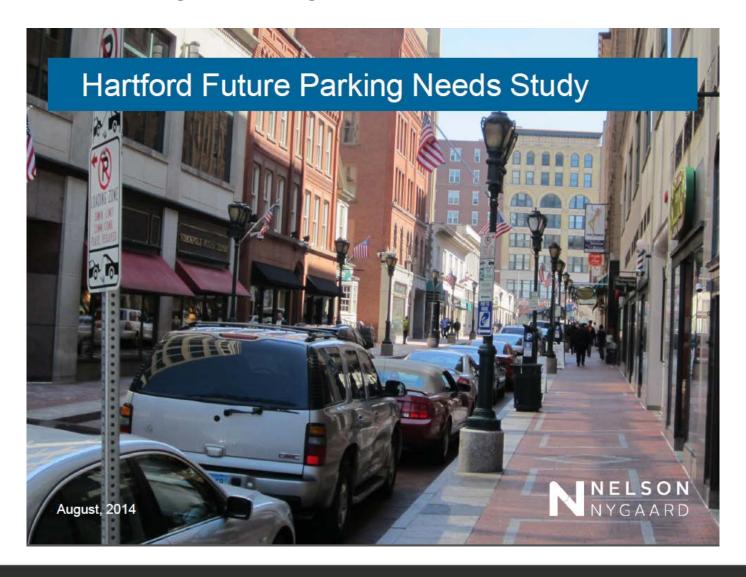
Parallel network



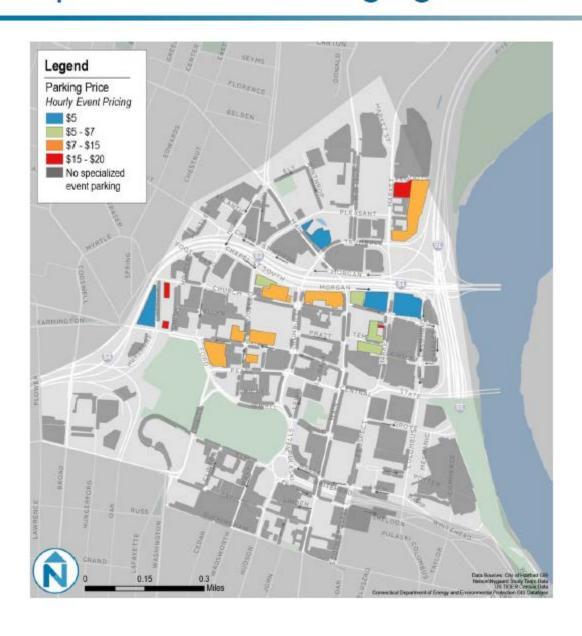




Parking management best practices

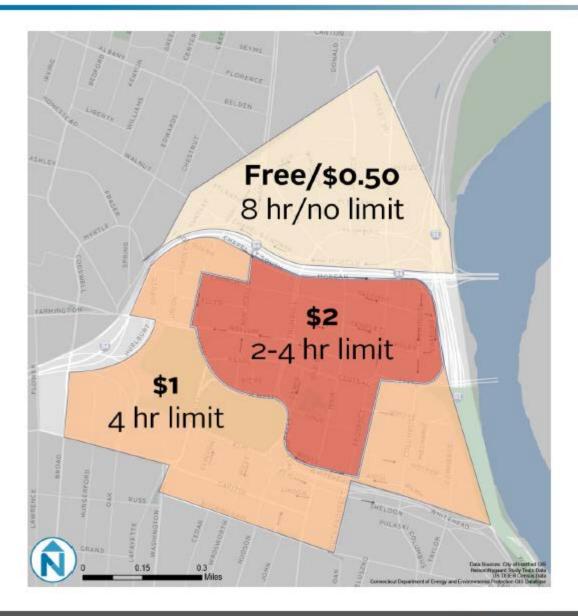


Issue: Perception of Price Gouging

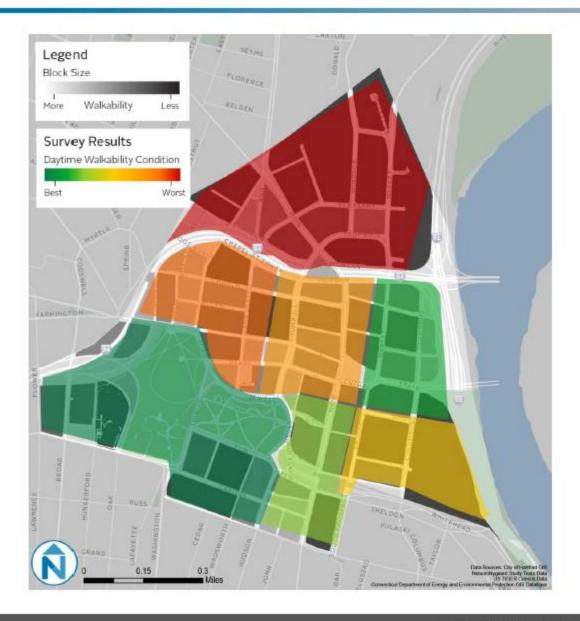




Strategy: Demand-based on-street pricing



Issue: Poor Walking Environment





Strategy: Infrastructure Improvements



Issue: Unclear Wayfinding + Signage



HARTFORD PARKING STUDY AREA



People are willing to walk farther if they understand how parking works.



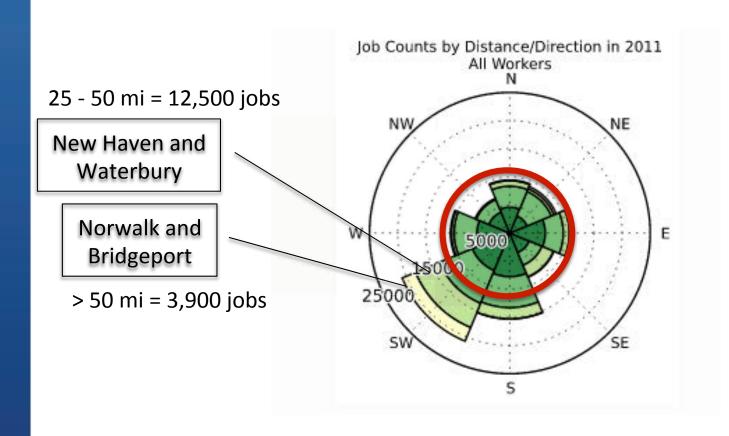


Strategy: Streamline Signage

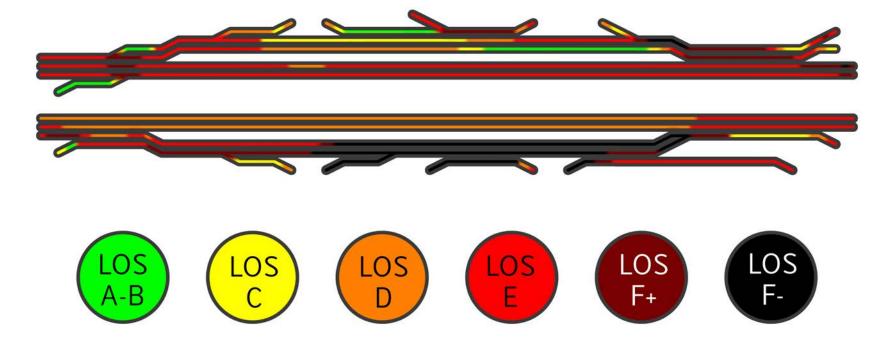




Where jobs originate

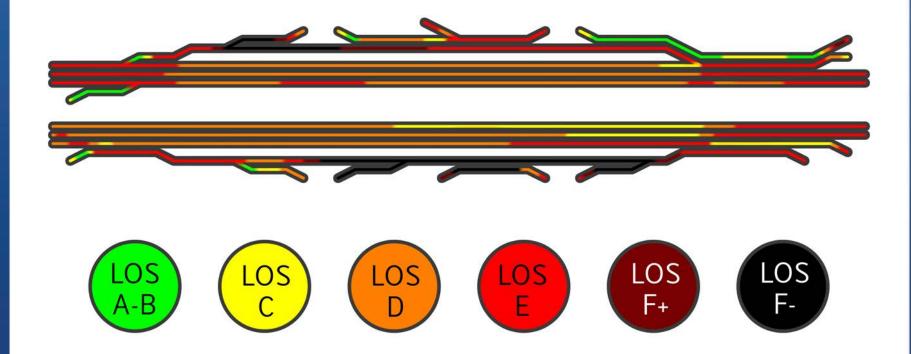


2-lane mainline with 2-lane C/D road. Full interchanges at Capitol and Asylum. Half interchange at Sigourney. Revised EB C/D road terminus.

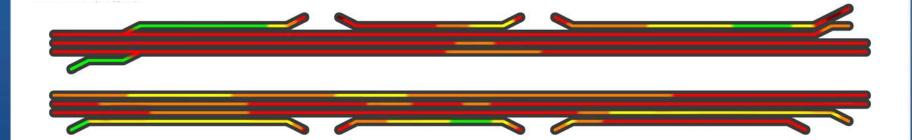


84

3-lane mainline with 1-lane C/D road. Full interchanges at Capitol and Asylum. Half interchange at Sigourney.



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Preliminary Alternative 1:

No Build



CTfastrak Existing Railroad



Preliminary Alternative 2:

Rebuilt Elevated Highway







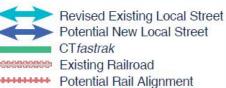


Preliminary Alternative 3:

Lowered Highway









Preliminary Alternative 4:

Tunneled Highway



