Existing Issues

- Heavy pedestrian crossing volumes
- Long crossings
- Poor visibility/yielding
- Heavy turning volumes
- Difficult to predict vehicle movements
Goals

- Heavy pedestrian crossing volumes
- Long E/W crossings
- Poor visibility/failure to yield
- Heavy w/b turning volumes
- Difficult to predict vehicle movements

• Improve pedestrian visibility
• Shorten crossing distances
• Separate vehicles and pedestrians
• Maintain w/b throughput
• Clarify w/b through and n/b right turn movements
1. Improve Pedestrian Visibility

Concrete extensions improve pedestrian visibility

Flashing yellow right turn arrow indicates vehicle/pedestrian conflict
2. Shorten Crossing Distances

Crosswalk aligned directly across intersection

Safety islands break up crossing and provide waiting area

Pedestrian crossing across 6th Ave reduced 25 ft
3. Separate Pedestrians and Vehicles

w/b right turning vehicles are held with red arrow while pedestrians cross in completely conflict free crossing

More than triple the protected crossing time on north crosswalk

Pedestrians allowed to cross during Houston St phase
4. Maintain W/B Vehicle Flow

- Phasing allows more time for w/b Houston St THRU movement
- Right turns no longer conflict with pedestrians crossing
- Double right turn lane formalized to allow two turning lanes to flow simultaneously
5. Clarify Movements

Splitter islands allow pedestrians to clearly see which roadway drivers are choosing.

n/b right turn lane clarifies movement for drivers and pedestrians.
Proposal Summary

1. Create conflict free pedestrian phase in north crosswalk
2. Formalize double right turns from w/b Houston St onto n/b 6th Ave
3. Create n/b 6th Ave right turn only lane
4. Extend Houston St/Bedford St sidewalk into west crosswalk
5. Construct sidewalk extension from Houston St median into east crosswalk