

Mason Rail & Trail Crossing

Natural Resources Research Center &
University Mall/Whole Foods

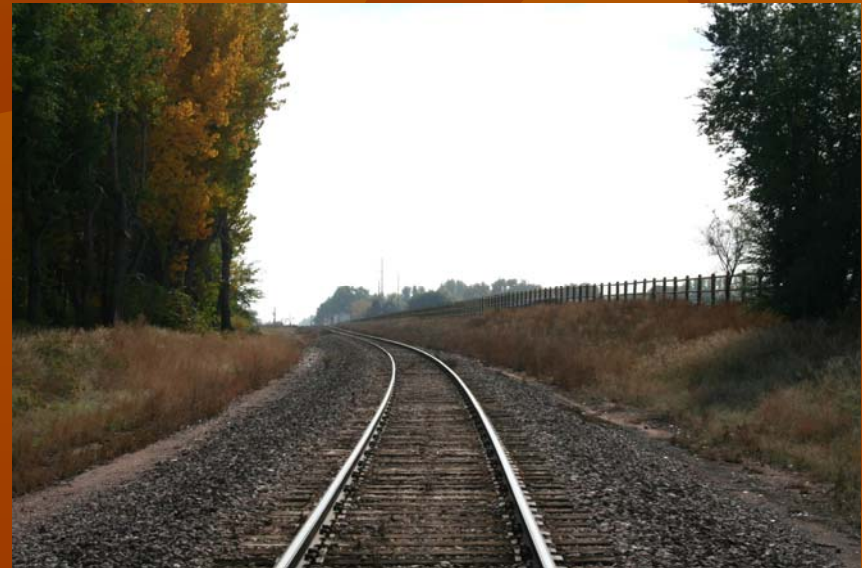
October 2007

Mason Trail Crossing

- Project Team
 - City of Fort Collins – Transportation Plng & Eng
 - Felsburg Holt & Ullevig
 - EDAW
 - City Visions
 - Colorado Department of Transportation

Mason Trail Crossing

- Project Goal
 - Provide Safe & Direct Crossing of BNSF tracks for pedestrians & cyclists
- Connection needed to serve access to/from new Mason trail and the NRRC & CSU Vet campus to University Mall/Whole Foods

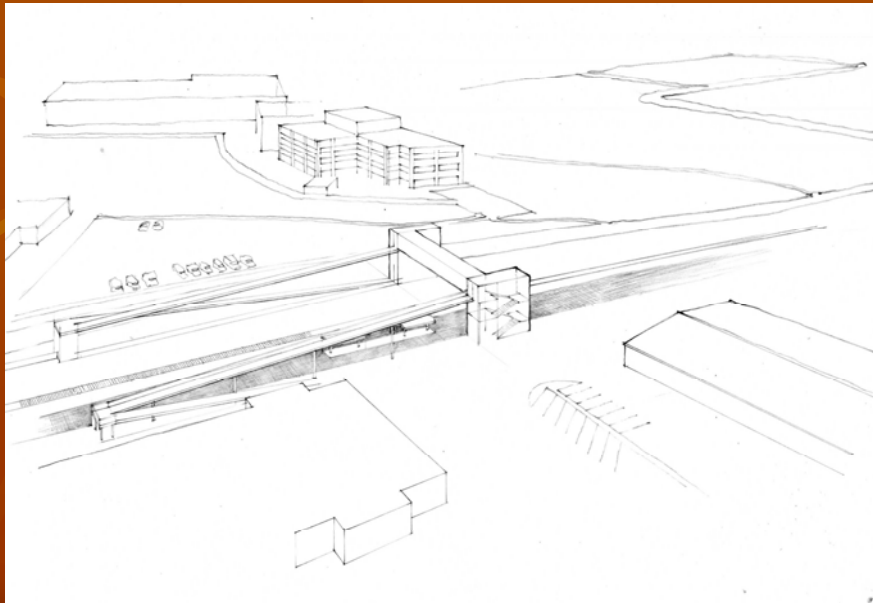
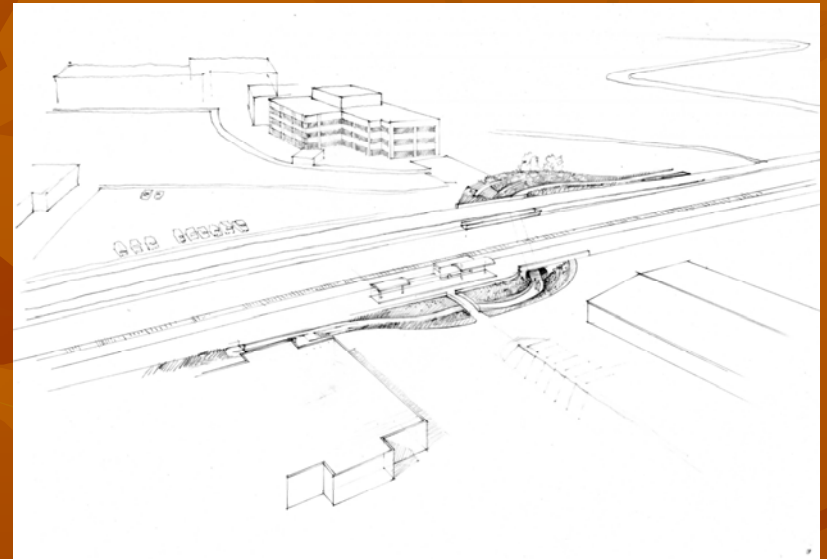


Mason Trail Crossing

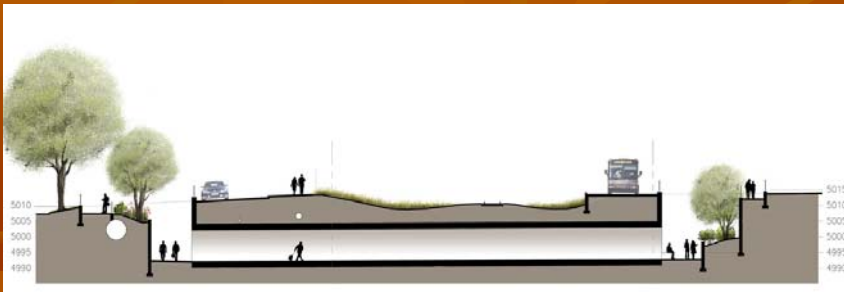


Design Alternatives & Process

- Underpass
- Overpass
- Public Meetings
- Design Team Charette
- Short-Term & Long-Term Needs
 - Fit with Future MAX BRT station



Underpass Alternative



- Pros
 - Visual Impact Low
 - Less vertical change
 - Familiar for Fort Collins
 - ADA compliant access unhindered by mechanical failure
- Cons
 - Security – poor visual surveillance
 - Cost 40% higher
 - Drainage/Groundwater
 - Topography
 - Underground Utilities
 - Constructability difficult under BNSF

Overpass Alternative

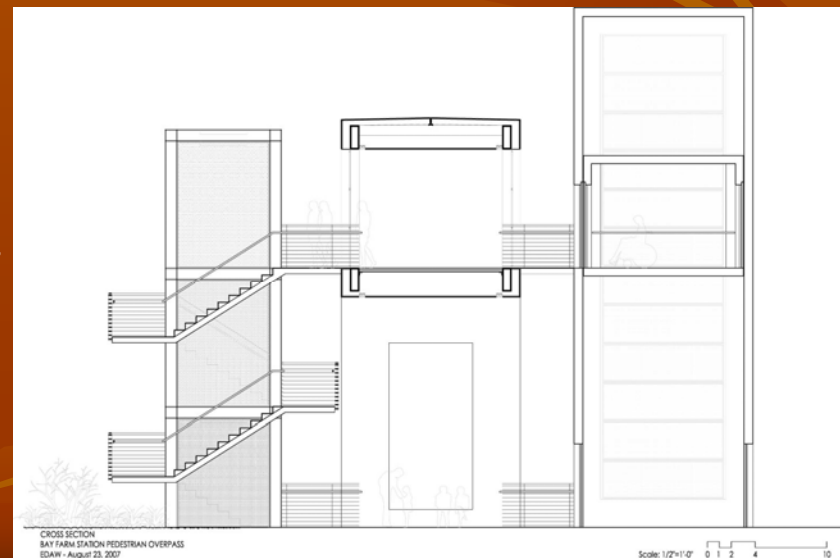
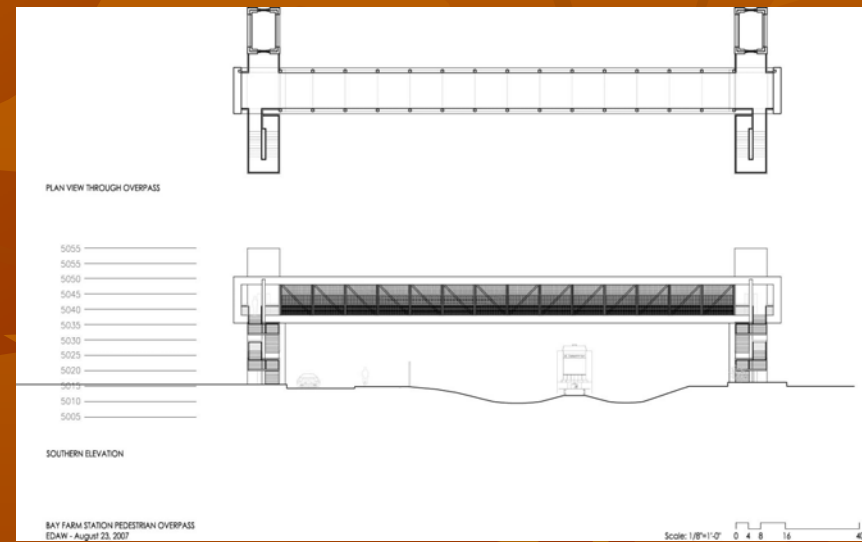
- Pros
 - Improved Security – more visibility
 - Lower RR & ROW impacts
 - Topography
 - Lower costs
 - Improved Wayfinding for Trail & MAX BRT
 - Potential Iconic Statement/Landmark
- Cons
 - ADA & Bike access requires elevator
 - Elevator maintenance & security concerns
 - BNSF permission to clean outside of structure
 - Visual Impact
 - Gives impression of greater travel distance



Preferred Alternative

■ Overpass

- Higher level of user safety
- Easier construction process
- Fewer utility impacts
- Minimal drainage issues
- Low impact to BNSF facilities
- Open air and view potential
- Fewer private property impacts
- Less construction and ROW costs



Overpass

Conceptual View Looking North





Mason Crossing

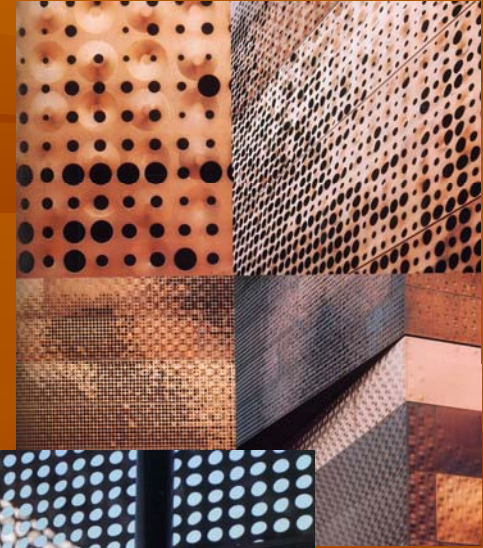


Conceptual View - Night



Design Opportunities & Challenges

- Provide visually appealing & functional crossing
 - Attractive Design
 - Shortest Path
 - All ages & abilities
 - Day & Night use
 - Security/Safety
 - Railroad Requirements



Next Steps

- Mason Corridor
Open House
 - Thursday, Oct 25th
5-7 p.m. @ Senior Center
- Design Refinement
- Update Cost Estimates
- On-going coordination with
property/business owners & BNSF
- Final Design & Construction planned
for 2008

