

RTD FasTracks Gold Line

Construction Mitigation Issue Focused Teams

December 1-3, 2009



Today's Agenda



- Introductions
- IFT Expectations & Goals
- Design/Construction Roles & Responsibilities
- Construction Phasing and Examples
- Mitigation Commitments
- Identify Add'l Mitigation Considerations

Role of IFT Participants



REPRESENT

- Be representatives of your community, not just yourself

LEARN

- Develop deeper understanding of construction mitigation requirements, limitations, opportunities and issues

PARTNER

- Partner with community members and project team to explore/understand options and preferences

COMMENT

- Provide input on issues/preferences the construction team should consider

IFT Goals



- Clarify roles in the design/construction phase
- Provide examples of common construction practices
- Summarize construction mitigation commitments in the FEIS
- Gather input to be shared with Eagle P3 contractor

Eagle P3 Overview



- Private Sector Partner will finance, design and build
 - East Corridor and Gold Line
 - FasTracks Commuter Rail Maintenance Facility
 - Denver Union Station Systems (power, signals, etc.)
 - All FasTracks commuter rail cars
- Private Sector Partner will operate and maintain
 - East Corridor and Gold Line
 - FasTracks Commuter Rail Maintenance Facility
- RTD retains ownership and sets operating/performance standards

Design/Construction Schedule



- Eagle P3 organized in three phases
 - **Phase 1** – East Corridor, CRMF (48th & Fox) and tracks to CRMF
 - **Phase 2** – NW Rail tracks from CRMF to 71st
 - **Phase 3** – Gold Line tracks to Ward Rd. and Gold Line Stations
- Advance utility relocation begins in early 2010
- Phase 2 & 3 Notice to Proceed by end of 2011
- Lines begin service by 2016

RTD

- Management oversight of Eagle P3 contractor
- Mitigation monitoring
- Local government coordination

Eagle P3

- Day-to-day management and implementation
- Comply with all EIS commitments
- Satisfy local jurisdiction requirements
- Develop a detailed construction-mitigation plan

General Construction Phases



- Utility Relocation
- Demolition
- Grading
- Structures & Foundations
- Trackwork
- Systems
- Stations
- Testing

Demolition



Grading: SE Corridor @ Yale



Ballast:
SE Corridor @ Yale



Caisson Drilling:



Concrete Pumping



Bridge Structure: SE Corridor @ Yale



Retaining Wall & Bridge: West Corridor @ Pikeview



Trackwork: SE Corridor @ Orchard



Track Welding: SE Corridor @ Orchard



Pedestrian Bridge: SE Corridor @ County Line



Pedestrian Bridge: SE Corridor @ County Line



Station Canopy: SE Corridor @ Orchard



Signal House: C, D, E, F, H Lines @ 10th & Osage



Maintenance Facility: Elati Light Rail Facility



System Testing: SE Corridor



EIS Mitigation Commitments



- FEIS summarizes all impacts and proposed mitigations
- Eagle P3 contractor will need to comply with all FEIS mitigation commitments
- RTD and FTA will monitor contractor to ensure compliance

Select EIS Mitigation Commitments



- **Construction Mitigation Plan**
 - Includes both EIS/ROD and local requirements
 - Controls air, water and land pollution
 - Traffic Maintenance Plan
 - Dust and emissions control
 - Storm water and erosion controls
 - Wetland mitigation and re-vegetation
 - Control of hazardous wastes
 - Noise and vibration limitations
 - Visual screening of construction activities
 - Assures access to businesses
 - Procedures for continued agency and public input

Mitigation Considerations Discussion



Questions for Consideration



- What are the biggest concerns in this area?
- What sensitive locations are in the area?
- Are there unique issues/challenges in the area?
- What are the notification and information gathering preferences?
- What has worked well on other construction projects?