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I-710 Corridor Project EIR/EIS

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Utility Impact Study Overview

presented to the

Corridor Advisory Committee

December 17, 2009



Utility Impacts Report

- Inventory of existing utilities by location, type, and ownership
- Determines impacts alternatives have on utility lines and facilities
- Identifies possible mitigation measures (avoidance or relocation)
- Estimates relocation costs

Types and Ownership

- Sewer
- Water
- Gas
- Electrical Distribution
- Electrical Transmission
- Communication
- Oil / Fuel
- LA County Sanitation
- Municipal / Regional
- So Cal Gas Co.
- SCE
- SCE & DWP
- Verizon / AT&T
- THUMS

Utility Data

- Over 1,900 utility lines and over 40 different owners within project area
- Over 600 lines affected by alternative improvements
 - Relocation
 - Protection

Advance Study

- Southern Section
 - High concentration of petroleum lines
 - Physical constraints
- DWP & SCE Electrical Transmission
 - Regional significance
 - Long term planning

Southern Section

- Over 50% of affected utilities are south of I-405
- Numerous petroleum pipelines run below I-710
- Coordination required with other POLB Projects to handle relocations



DWP Transmission Lines

- Freight corridor affects 3 miles
- Relocation options
 - Reconstruct river and move towers
 - Underground lines below freight corridor
- Assessment
 - Environmental
 - Costs



SCE Transmission Lines

- Project affects 5 miles
- Relocation options
 - Move and raise 220kV towers
 - Underground 66kV lines
- Assessment
 - Environmental
 - Costs

