Coordination Success Using Innovative Approaches on a Design-Build Project in Houston

Vineeta Jayaram, P.E., Principal

CobbFendley
Grand Parkway F-1, F-2 and G

Construction of Segments F-1, F-2 and G will commence in May 2013 and is expected to be substantially complete by the end of 2015. Aerial renderings are conceptual and preliminary and are subject to change.

Overall Project Status

For more information:
1-855-99GRAND
www.grandparkway99.com
Fast Facts

• 38 mile long project
• 65 Utility Companies
• Relocating
  ▪ 29 miles of telecommunication
  ▪ 23 miles of electric distribution and transmission
  ▪ 9 miles of gas/pipeline distribution and transmission
  ▪ 6 miles of wet utilities relocation
Innovative Utility Concepts

Reduced 600 conflicts into 134 relocations by working closely with other design disciplines

UPRR/ Gas Transmission/ CNP Electric Transmission/ Drainage

Potential $10M Conflict
Innovative Utility Concepts
Early involvement with utility owners on high cost and schedule impact relocations
CNP Electric Transmission/ Exxon Campus
CNP Electric Transmission/ Exxonon Campus

CNP High Voltage Transmission Line

Exxon Campus
Innovative Utility Concepts
Innovative overhead electric design to assist with serving
TxDOT facilities
Utility Access Road

Toll Gantry

SH 99

Schiel RD

Access Rd
Utility Access Road

US 290
SH 99
Innovative Utility Concepts
Partnering for cost sharing on behalf of utilities
Utility Access Road
Utility Bridge
Thank you.

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