

TWO LIFT PAVING OPEN HOUSE MODOT ROUTE 141 – PROJECT OVERVIEW

September 28th 2010

Jesse Jonas – Resident Engineer

Route 141 History

- ▣ Initial Approval for Route 141 expansion - 1976
- ▣ I-55 to Route 40 completed 2002
- ▣ Environmental Assessment approved December 2002
- ▣ Construction began Spring 2010

Project Goals

- ▣ Relieve Congestion on Route 141
- ▣ Improve Safety
- ▣ Decrease Flooding at Ladue
- ▣ Minimize Environmental Impacts

Project Information

- ▣ Six Lane Expressway
- ▣ Interchange at Ladue
 - Route 141 goes under Ladue
- ▣ Interchange at Olive
 - Route 141 goes under Olive
- ▣ Connect Woods Mill south of Ladue



Route 141 North Half



Route 141 South Half



Ladue/Rte. 141 Looking North



Ladue/Rte. 141 – Looking East

Project Costs

- ▣ Construction Cost - \$55 million
 - ARRA Funding
 - Includes \$10 million MSD work
- ▣ Right of Way Costs – \$25 million

MoDOT Route 141 Schedule

- ▣ Construction Began Spring 2010
- ▣ Utility relocations Spring 2010 – Spring 2011
- ▣ MSD Sewer work Spring 2010 – Spring 2011
- ▣ Olive Construction Fall 2010 – Spring 2011
- ▣ Ladue Interchange Summer 2010 – Spring 2012
- ▣ Mainline Const. Summer 2010 – Summer 2012
- ▣ Project Complete Summer 2012



St. Louis County Project Page/Olive Connector

- ▣ North of Olive to Page
- ▣ Coordinated with Route 141
- ▣ Completion Summer 2012

‘Green Road’

- ▣ Contractor ‘green credits’
- ▣ Use of native plantings along corridor
- ▣ Preserve as many trees as possible

Environmental

- ▣ Trees – mulch, furniture, pallets, etc
- ▣ Intelligent Compaction
- ▣ Smog Eating Concrete
- ▣ Minimize Tree removal

Aesthetics

- ▣ Texture on retaining and sound walls
- ▣ Provide areas for plantings
- ▣ Use of decorative fence on bridges
- ▣ Use of decorative lighting on Ladue Road over Creve Coeur Creek

Sound Wall – Stacked Stone



Decorative Fence



Decorative Sign and Fence





Route 141 at Olive – looking south



Route 141 at Ladue – looking north

Tree Mulching Operation



Ameren UE Tower Installation



Ameren UE Tower Installation



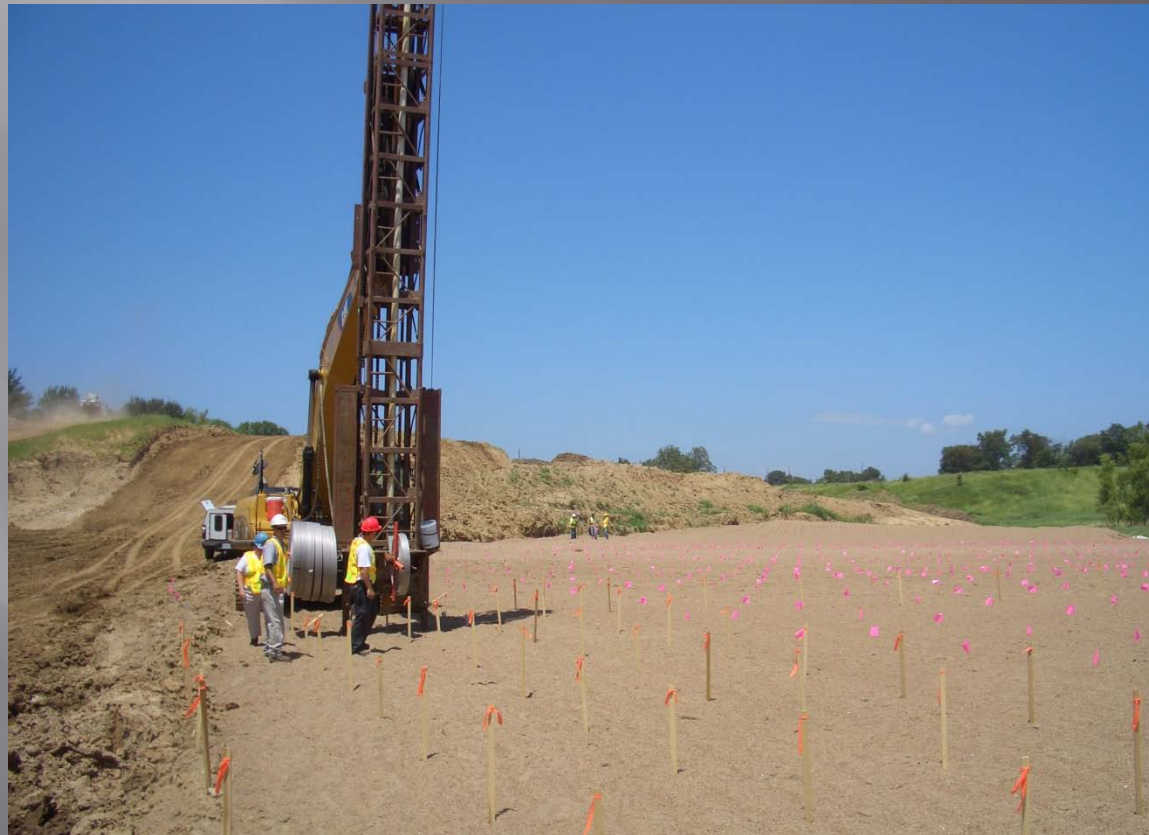
Ameren UE Tower Installation





Ameren UE Tower Installation

Wick Drain Fields



MSD De-watering System



MSD Sanitary Sewer Pipes





MSD Sanitary Sewer Work

Maryville Creek Box Culvert



Ladue to NB 141 Ramp Bridge



Ramp 1 – Eastern Wall Ladue to NB 141



North Abutment Wall at 141 & Ladue Interchange



Mulch Berms, Seeded Flat Bottom Ditches with Rock Checks and Sediment Basins



Flocculent Bags



Sediment traps prior to leaving controlled exit points



Flat Bottom Ditches with Protection

- Control job site water
- Temp. Seed Ditches
- Rock Ditch Checks
- Flocculent Bags
- Sediment Basins
- Monitor water quality

QUESTIONS?



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