County Home Road
Concrete Paving Project

Linn County Secondary Road Department

February 3, 2022
Concrete Overlays in Linn County

Since 2010 we’ve complete

• 76 Concrete overlay projects
• ~170 miles of concrete overlays
Concrete Overlays in Linn County

• 8” average depth, 6” minimum.
County Home Road
County Home Road

Traffic Count: 5,900 vpd – 8,000 vpd
County Home Road
Design Considerations

• Wanted a long term solution
• Safety was a primary goal
• 10” Concrete Overlay
• 6’ Paved Shoulders (+ 4’ Rock Shoulders)
• Right & Left Turn Lanes
• Shoulder Rumble Strips
• 2 Roundabouts
Challenges

- Railroad Crossing
Challenges

• Tight Right-of-Way
Challenges

• Utilities
Challenges

• Phasing
Challenges

• Buying Right-of-Way
Challenges

- Buying Right-of-Way
Challenges

- Shared Jurisdiction with the City of Robins
- Linn County: 4.7 miles
- Robins: 0.4 miles
- Shared (50/50): 0.9 miles
Challenges

• Funding – 2 separate project numbers
  • MPO
  • STBG
  • Farm to Market
  • City of Robins
Timeline

- Started Project Development in 2018
- Designed was finished in 2019
- Project let in February 2020
- Construction Started in June 2020
- Substantial Completion in October 2021
Project Pictures

- Tight Right-of-Way
Project Pictures

- Roundabout
Project Pictures

• Paved Shoulders, Rumble Strips, Rock Shoulders
Project Pictures

- Turn Lanes
Project Pictures

- Turn Lanes
Project Costs

• Cost Breakdown
  • MPO = $800,000
  • STBG = $4,870,000
  • FM = $1,530,000
  • City of Robins = $900,000

Total Cost = ~$8,100,000
Project Photos

On County Home Road looking west towards the Alburnett Road intersection.
Project Photos
Project Photos
Project Photos