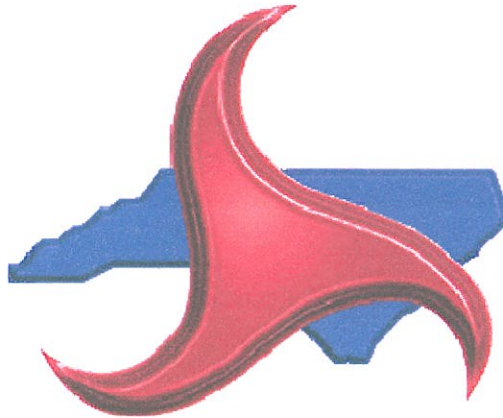


Bridge Design Speed Investigation

Division 6 Express Design-Build

17BP.6.R.77

Bridge 26 over Ten Mile Swamp on SR 1955 (Regans Church Road)
Robeson County



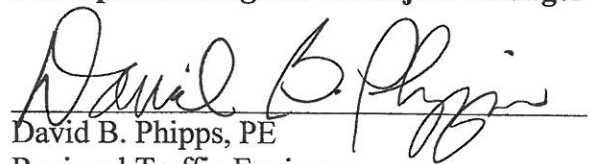
Document Prepared By:

Regional Traffic Office – Sandhills Region
Transportation Mobility and Safety Division
North Carolina Department of Transportation

July 22, 2016



Principal Investigator & Project Manager


David B. Phipps, PE
Regional Traffic Engineer

Bridge and Approach Investigation Checklist

Project 17BP.6.R.77
Description Bridge 26 over Ten Mile Swamp.
Route SR SR 1955 (Regans Church Road).
Division 6
County Robeson

Existing Speed Limit 55 ☐ Posted ☒ Statutory

Reasonable & Comfortable
Passenger Car Speed 55

Speed Data None

Ball Bank Speed Study N/A

Warning Signs at Bridge Type 3 Object Markers (OM-3L and OM-3R) - 2 each.

Roadside Development Farmland and Wooded.

ADT History No ADT data available. Low volume road estimated at 500- 1000 ADT.

Pedestrian/Bicycle Traffic Minimal expected.

Bridge and Approach
Digital Photos Attached.

Approach Lane Width 9.5 ft.

Approach Shoulder Width: 4-8 ft.
Shoulder Type Soil/Grass.

Lane Width (existing bridge) 9.5 ft.

Shoulder width (existing bridge) 4 ft.

Strategic Corridor / Thoroughfare
Designation and Recommended
Cross Section SR 1955 is classified as a local road.
Two lane cross section recommended.

Crash History and
Safety Considerations There were no reported crashes in the five year study.

Comments _____

Reasonable Bridge Speed 55 mph

Investigated by: David B. Phipps, PE

Reviewed by: David B. Phipps, PE

County: Robeson

Description: Bridge 26

Looking West

Route: SR 1955

Looking East



Looking East

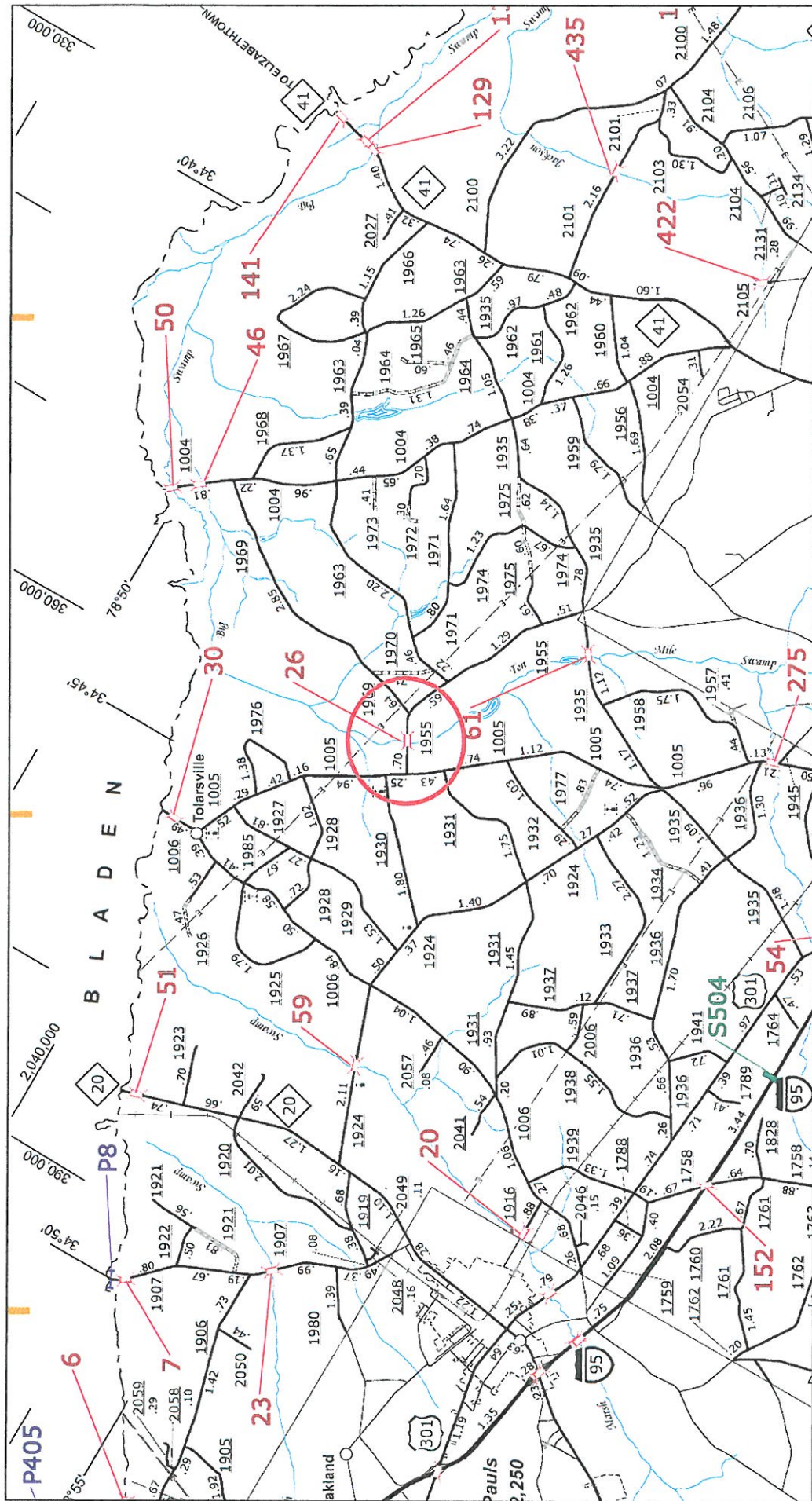


Looking West



Looking East





Bridge 26 Over Ten Mile Swamp on SR 155 (Regans Church Road)

Robeson County

Study Criteria Summary

Study Criteria

-1-