

SOIL SURVEY SUMMARY

SR 7 and SR 122 over I-75

Lowndes County, Georgia

Project No. NHS00-0000-00(762)

Georgia DOT P.I. No. 0000762

- 1. Location / Description**

This project is for the intersection improvements/constructions of SR 7 (North Valdosta Road) and SR 122 (Main Street) over Highway I-75. The improvements include construction of ramps and side streets (see attached location map). The project lies north of the city limits of Valdosta in Lowndes County.
- 2. Geology**

This project will be geologically sited in the Miccosukee Formation of the Georgia Coastal Plain.
- 3. Removal**

The soils near the proposed grade in the following areas were found to have in-place moisture contents far above the optimum moisture contents. This condition has the potential to cause severe pumping problems during subgrade and base construction. After excavation in these areas is complete, we recommend that 24 inches of subgrade soils beneath the pavement and shoulders be removed and either dried out and replaced, or replaced with drier soils:

Station to Station

Location

Shiloh road 20+00± to 40+00±	Left and Right
Holly lane 10+50± to 13+00±	Left and Right
Ramp "B" 67+50± to 77+50±	Right
Reloc. Morven Rd 54+00± to 61+00±	Left and Right
Reloc. Union Rd 32+50± to 43+00±	Left and Right

This work should be done at the direction of the Engineer, and may be eliminated if the subgrade soils are dry and stable at the time of construction.

- 4. Subgrade Materials**

We recommend that the top 12 inches of subgrade on this project, including ramps and cross roads, be constructed with Class II B3 or better material.

This work shall be done in accordance with Special Provision Section 209.
- 5. Pavement Design Values**

We recommend the following values for use in the pavement design calculations for this project: