

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	31-1 & 42-1	SALINE	199	67
STA. 320+00 TO STA. 350+00				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

NORTHBOUND LANES

STABILITY ANALYSIS  
SOUTH ABUTMENT; 2:1 END SLOPE  
EQ = 0.00 MIN. F.O.S. = 2.95  
EQ = 0.11 MIN. F.O.S. = 2.34

STABILITY ANALYSIS  
NORTH ABUTMENT; 2:1 END SLOPE  
EQ = 0.00 MIN. F.O.S. = 4.28  
EQ = 0.11 MIN. F.O.S. = 3.26

SOILS PROFILE LEGEND

	SANDY CLAY LOAM		SILT CLAY LOAM
	SANDY LOAM		SILT CLAY
	SANDY CLAY		SILT LOAM
	SAND		SILT
	GRAVEL		LOAM
	SHALE		CLAY
	SANDSTONE & LIMESTONE		CLAY LOAM

DRY \_\_\_\_\_ DRY V.W. \_\_\_\_\_ VERY MOIST  
 DA \_\_\_\_\_ DAMP W \_\_\_\_\_ WET  
 M \_\_\_\_\_ MOIST 2% \_\_\_\_\_ % MOISTURE

★ DENOTES SAMPLES ANALYZED BY THE LABORATORY  
 ▬ WATER ELEVATION

EXISTING PROFILE

PROPOSED PROFILE

THE SOILS PROFILE IS A REPRESENTATION OF THE PROBABLE CONDITIONS BETWEEN THE BORINGS. THE BORINGS REPRESENT CONDITIONS ONLY AT SPECIFIC LOCATIONS AND EXACTLY WHAT LIES IN BETWEEN IS SUBJECT TO INTERPRETATION AND ENGINEERING JUDGMENT.

SOUTHBOUND LANES

STABILITY ANALYSIS  
SOUTH ABUTMENT; 2:1 END SLOPE  
EQ = 0.00 MIN. F.O.S. = 3.49  
EQ = 0.11 MIN. F.O.S. = 2.90

STABILITY ANALYSIS  
NORTH ABUTMENT; 2:1 END SLOPE  
EQ = 0.00 MIN. F.O.S. = 4.01  
EQ = 0.11 MIN. F.O.S. = 3.14

EXISTING PROFILE

PROPOSED PROFILE