

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 GEOTECHNICAL ENGINEERING UNIT

**HELENE
 EMERGENCY REPAIRS**

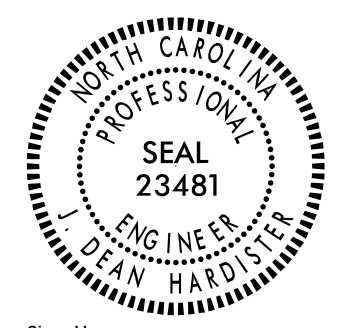
COUNTY HENDERSON
 PROJECT DESCRIPTION US 64 FROM SLICK ROCK RD
 TO BAT CAVE

CONTRACT: C205017

ROUTE	SITE #	SITE LATITUDE	SITE LONGITUDE	REPAIR OPTION 1	REPAIR OPTION 2	REPAIR OPTION 3
US 64	314A	35.4356356	-82.3017179	1.25:1 Rock Embankment	Wire Form Embankment + Shot Rock Plating	
	314B Upstream	35.4359514	-82.3013061	Shotcrete Slope Stabilization		
	314B Downstream	35.4359514	-82.3013061	Soil Nail Wall with Shotcrete Face + 2x3 Micropile Grade Beam		
	335 Downstream	35.43802859	-82.29929514	1.25:1 Rock Embankment	Wire Form Embankment + Shot Rock Plating	
	335 Upstream	35.43802859	-82.29929514	Soil Nail Wall with Shotcrete Face + 2x3 Micropile Grade Beam		
	321	35.44180048	-82.29414738	1.25:1 Rock Embankment	Wire Form Embankment + Shot Rock Plating	
	323A	35.4472345	-82.2932373	1.25:1 Rock Embankment + Micropile Knee Wall	Wire Form Embankment + Shot Rock Plating + Micropile Knee Wall	
	323B	35.4478321	-82.2926437	1.25:1 Rock Embankment	Wire Form Embankment + Shot Rock Plating	
	323C	35.4478604	-82.2921445	Soil Nail Wall with Shotcrete Face + 2x3 Micropile Grade Beam		
	324	35.44874093	-82.29107389	1.25:1 Rock Embankment + Micropile Knee Wall	Wire Form Embankment + Shot Rock Plating + Micropile Knee Wall	
	325	35.44962903	-82.28911449	1.25:1 Rock Embankment + Micropile Knee Wall	Wire Form Embankment + Shot Rock Plating + Micropile Knee Wall	Soil Nail Wall with Shotcrete Face + 2x3 Micropile Grade Beam + Class B Rock Plating

WHEN MULTIPLE REPAIR OPTIONS ARE AVAILABLE AT A SITE LOCATION, THE CONTRACTOR SHALL PROCEED IN SEQUENTIAL ORDER AND CHOOSE THE FIRST OPTION THAT FITS WITHIN SITE CONSTRAINTS

PRIOR TO CONSTRUCTING THE GEOTECHNICAL REPAIRS, AN ON-SITE MEETING WITH THE PRIME CONTRACTOR, THE GEOTECHNICAL SPECIALTY SUBCONTRACTOR (IF APPLICABLE), THE DIVISION CONSTRUCTION REPRESENTATIVE AND THE GEOTECHNICAL OPERATIONS GROUP REPRESENTATIVE SHALL BE CONDUCTED



DocuSigned by:
 Sean Hardister 11/13/2024
 SIGNATURE DATE