

STATE OF OHIO
DEPARTMENT OF TRANSPORTATION

MOE-78-24.46

**MONROE COUNTY
ADAMS TOWNSHIP**

PROJECT DESCRIPTION

ROCKFALL MITIGATION BY REMOVING LOOSE AND OVERHANGING ROCK BY SCALING AND INSTALLATION OF SLOPE DRAPE AND ANCHORS.

EARTH DISTURBED AREAS

PROJECT EARTH DISTURBED AREA: 1.53 ACRES
ESTIMATED CONTRACTOR EARTH DISTURBED AREA: 0.125 ACRES
NOTICE OF INTENT EARTH DISTURBED AREA: N/A ACRES*
* - MAINTENANCE PROJECT

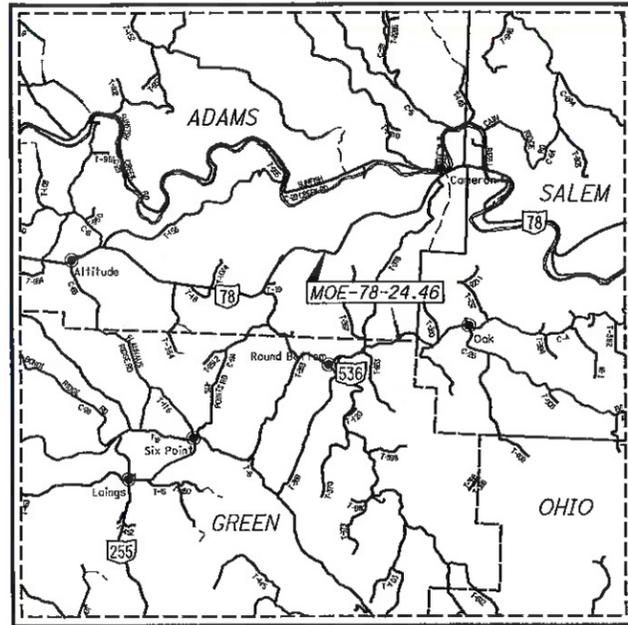
2019 SPECIFICATIONS

THE STANDARD SPECIFICATIONS OF THE STATE OF OHIO, DEPARTMENT OF TRANSPORTATION, INCLUDING SUPPLEMENTAL SPECIFICATIONS LISTED IN THE PLANS AND CHANGES LISTED IN THE PROPOSAL SHALL GOVERN THIS IMPROVEMENT.

I HEREBY APPROVE THESE PLANS AND DECLARE THAT THE MAKING OF THIS IMPROVEMENT WILL NOT REQUIRE THE CLOSING TO TRAFFIC OF THE HIGHWAY AND THAT PROVISIONS FOR THE MAINTENANCE AND SAFETY OF TRAFFIC WILL BE AS SET FORTH ON THE PLANS AND ESTIMATES.

APPROVED Paul Miller
DATE 6/28/21 DISTRICT DEPUTY DIRECTOR

APPROVED _____
DATE _____ DIRECTOR, DEPARTMENT OF TRANSPORTATION



LOCATION MAP

LATITUDE: 39°45'13" LONGITUDE: 80°58'09"

SCALE IN MILES



PORTION TO BE IMPROVED	-----
INTERSTATE HIGHWAY	=====
FEDERAL ROUTES	-----
STATE ROUTES	-----
COUNTY & TOWNSHIP ROADS	-----
OTHER ROADS	-----

DESIGN DESIGNATION

CURRENT ADT (2021)	2,700
DESIGN YEAR ADT (2041)	2,800
DESIGN HOURLY VOLUME (2041)	100
DIRECTIONAL DISTRIBUTION	51%
TRUCKS (24 HOUR B&C)	8%
DESIGN SPEED	55 MPH
LEGAL SPEED	55 MPH
DESIGN FUNCTIONAL CLASSIFICATION:	
RURAL MINOR ARTERIAL	
NHS PROJECT	NO

DESIGN EXCEPTIONS

NONE

UNDERGROUND UTILITIES
Contact Two Working Days Before You Dig

OHIO811.org
Before You Dig

OHIO811, 8-1-1, or 1-800-362-2764
(Non-members must be called directly)

PLAN PREPARED BY:
OHIO DEPARTMENT OF TRANSPORTATION
CAPITAL PROGRAMS - DISTRICT 10

INDEX OF SHEETS:

TITLE SHEET	1
TYPICAL SECTION	2
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SLOPE DRAPE PLAN	8
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SOIL PROFILE - ROCKFALL	

ENGINEERS SEAL	STANDARD CONSTRUCTION DRAWINGS		SUPPLEMENTAL SPECIFICATIONS	
<p>SIGNED: _____ DATE: <u>6-28-2021</u></p>	DM-4.2	7/20/12	800	7/16/21
	DM-4.3	1/15/16	832	10/19/18
	DM-4.4	1/15/16	862	10/16/15
	MT-95.30	7/19/19		
	MT-95.45	1/17/20		
	MT-95.50	7/21/17		
	MT-97.10	4/19/19		
	MT-101.70	1/17/20		
	MT-101.75	1/17/20		
	MT-105.10	1/17/20		
	RM-4.2	4/17/20		

SPECIAL PROVISIONS
ROCK BOLT SPECIAL PROVISIONS
9/17/21

FEDERAL PROJECT NO.
NON-FEDERAL

PID NO.
114578

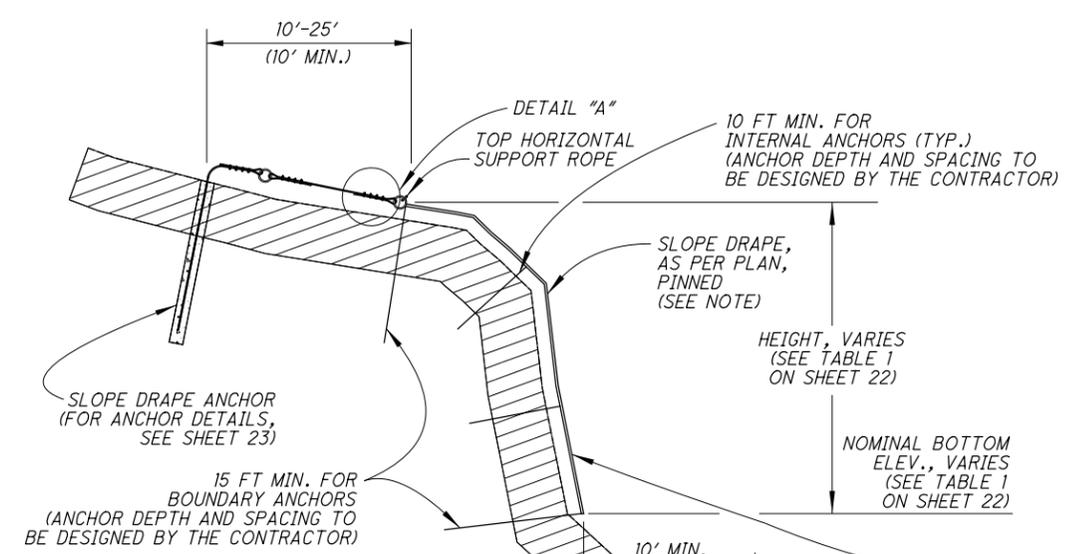
CONSTRUCTION PROJECT NO.

RAILROAD INVOLVEMENT
NONE

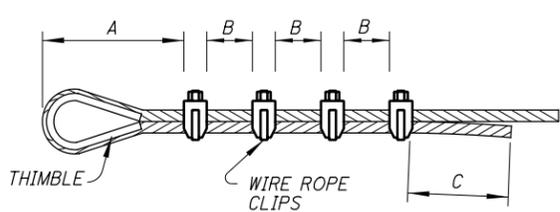
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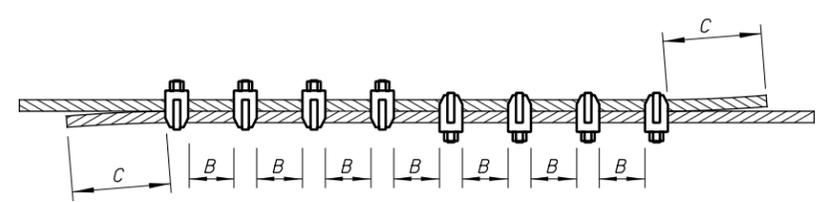
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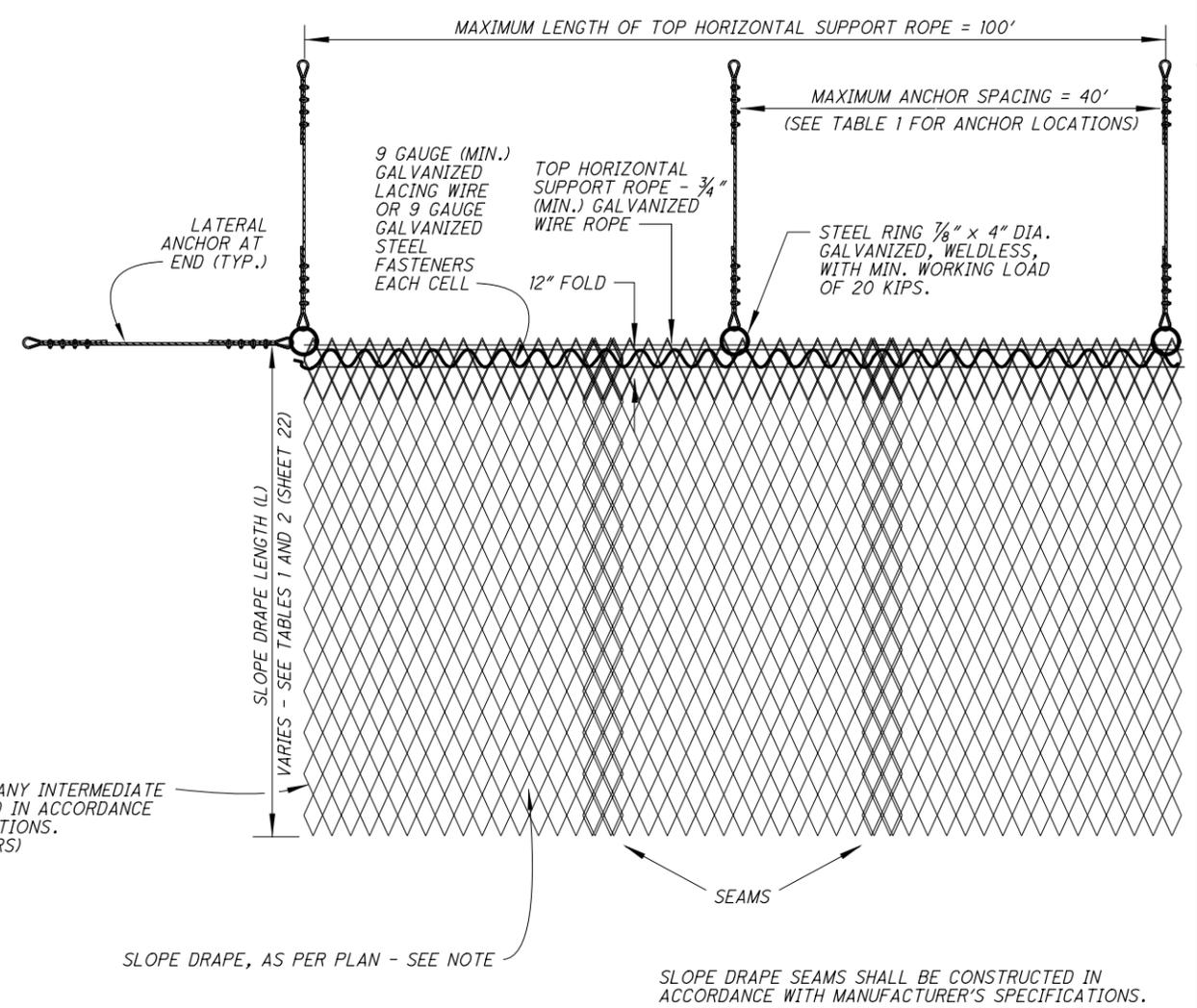
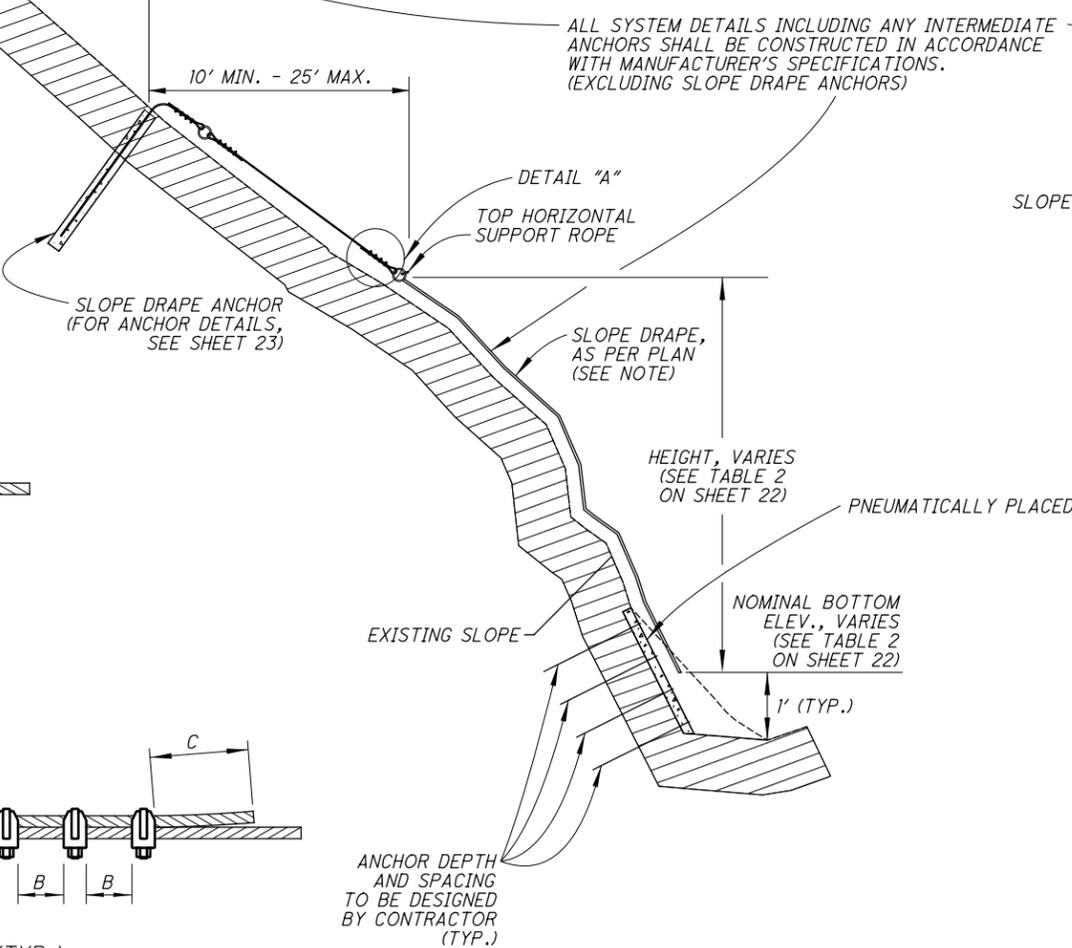
AREA IS OBTAINED AS SHOWN IN THE FOLLOWING EXAMPLE:
 STA. 1294+40.50 L = 61.7
 STA. 1294+75.00 L = 62.0
 $((61.7 + 62.0)/2) \times 34.5 = 2,134 \text{ SF}$



WIRE ROPE DETAIL "A"
 DISTANCES A, B, C, AND TORQUE TO COMPLY WITH MANUFACTURER'S SPECIFICATION



WIRE ROPE SPLICING (TYP.)
 DISTANCES B, C, AND TORQUE TO COMPLY WITH MANUFACTURER'S SPECIFICATION



- NOTES:
1. FOR ADDITIONAL SLOPE DRAPE DETAILS, SEE SUPPLEMENTAL SPECIFICATION 862.
 2. DETAILS NOT TO SCALE.
 3. ANY INTERMEDIATE ANCHORS OF THE PROTECTION SYSTEM TO THE SLOPE SHALL BE CONSTRUCTED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.