

REQUEST FOR BOARD ACTION

HENDERSON COUNTY BOARD OF COMMISSIONERS

MEETING DATE: January 6, 2025

SUBJECT: Widening of the Transfer Station Entrance Road

PRESENTER: Marcus A. Jones, P.E.
County Engineer

ATTACHMENTS: Yes

1. Vannoy's Prime Contract Change Order

SUMMARY OF REQUEST:

During the Board's April 17, 2024, meeting, staff indicated that should the Third Transfer Station Bay project progress such that County project contingencies are available, a change to Vannoy's contract would be presented to the Board to include widening of the transfer station entrance road. The project has not utilized a significant amount of contingency, and the attached change order for \$185,491.79 is presented to the Board for approval. The additional traffic from Tropical Storm Helene further supports the need for this improvement.

BOARD ACTION REQUESTED:

Board approval of Vannoy's prime contract change order for \$185,491.79 to widen the entrance to the County's transfer station entrance road.

Suggested Motion:

I move the Board approve Vannoy's prime contract change order for \$185,491.79 to widen the entrance to the County's transfer station entrance road.



Vannoy Construction
 1500 Ridgefield Boulevard
 Asheville, North Carolina 28806
 Phone: +18285751300

Project: 241017 - Henderson County - Transfer Station 3rd Bay Project & Tipping Floor Replacement
 802 Stoney Mountain Rd.
 Hendersonville, North Carolina 28791

Prime Contract Change Order #002: Entrance Road Widening

TO:	Henderson County 100 North King Street Hendersonville, North Carolina 28792	FROM:	James R. Vannoy & Sons Construction Company, Inc. - Jefferson 1608 US Hwy 221 North Jefferson, North Carolina 28640
DATE CREATED:	11/26/2024	CREATED BY:	Lance Haney (James R. Vannoy & Sons Construction Co)
CONTRACT STATUS:	Pending - In Review	REVISION:	0
DESIGNATED REVIEWER:		REVIEWED BY:	
DUE DATE:		REVIEW DATE:	
INVOICED DATE:		PAID DATE:	
SCHEDULE IMPACT:		EXECUTED:	No
REVISED SUBSTANTIAL COMPLETION DATE:		SIGNED CHANGE ORDER RECEIVED DATE:	
CONTRACT FOR:	1:Transfer Station	TOTAL AMOUNT:	\$185,491.79

DESCRIPTION:

- Pricing is based off documents provided by WGLA Engineering dated 3/24.
- Pricing does not include asphalt overlay of existing asphalt
- Pricing is based on working during regular business hours
- Pricing includes \$10,000 allowance for flagging services to help reduce the impact to Transfer Station operations
- Pricing includes \$5,000 allowance for additional striping/signage.
- Pricing includes a \$12,000 allowance for use to remediate potential unsuitable soils.
- Pricing includes a \$5,000 allowance to relocate the sign.

ATTACHMENTS:

POTENTIAL CHANGE ORDERS IN THIS CHANGE ORDER:

PCO #	Title	Schedule Impact	Amount
002	Entrance Road Widening		\$185,491.79
Total:			\$185,491.79

CHANGE ORDER LINE ITEMS:

PCO # 002: Entrance Road Widening

#	Budget Code	Description	Amount
1	2-02200.S EARTHWORK/GRADING.Commitment	Pricing is based off documents provided by WGLA Engineering dated 3/24	\$142,853.07
2	1-01029.O MISCELLANEOUS.Other	Flagging Allowance	\$10,000.00
3	2-02200.S EARTHWORK/GRADING.Commitment	Signage/Striping Allowance	\$5,000.00
4	17-17710.O SHED #1 UNSUITABLES ALLOWANCE.Other	Unsuitable Soils Allowance	\$12,000.00
5	1-01029.O MISCELLANEOUS.Other	Relocate Sign Allowance	\$5,000.00
Subtotal:			\$174,853.07
CMAR Fee (3.75% Applies to all line item types.):			\$6,556.99
Insurances & Bond (2.25% Applies to all line item types.):			\$4,081.73
Grand Total:			\$185,491.79



The original (Contract Sum)	\$8,217,076.00
Net change by previously authorized Change Orders	\$16,077.08
The contract sum prior to this Change Order was	\$8,233,153.08
The contract sum would be changed by this Change Order in the amount of	\$185,491.79
The new contract sum including this Change Order will be	\$8,418,644.87
The contract time will not be changed by this Change Order.	

Kenton Yang (SCS Engineers)
 3801 Lake Boone Trail, Suite 410
 Raleigh , North Carolina 27607

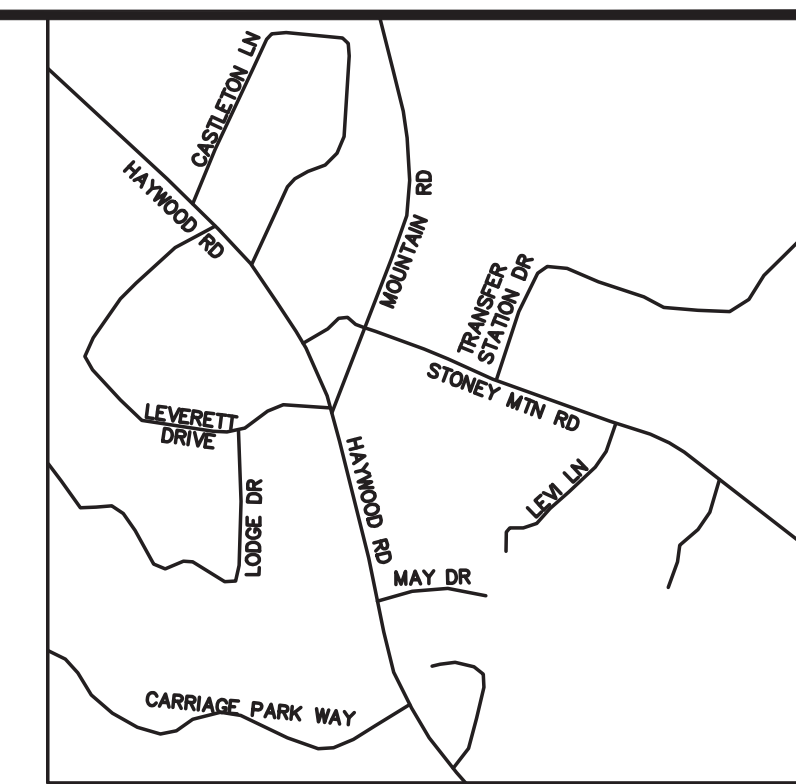
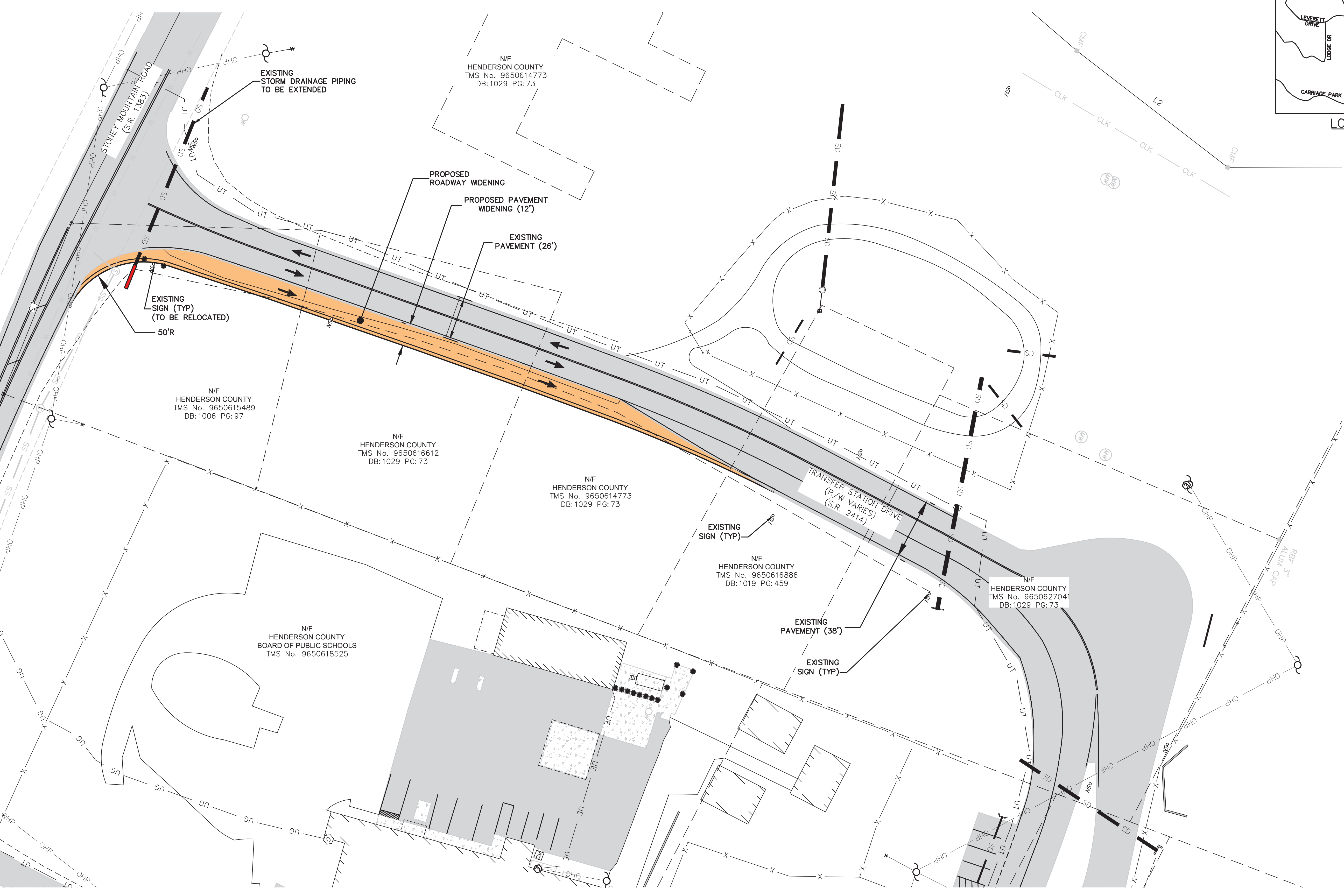
Henderson County
 100 North King Street
 Hendersonville, North Carolina 28792

**James R. Vannoy & Sons Construction
 Company, Inc. - Jefferson**
 1608 US Hwy 221 North
 Jefferson, North Carolina 28640

SIGNATURE DATE

SIGNATURE DATE

SIGNATURE DATE



WGLA
Engineering
WGLA ENGINEERING, PLLC
724 5th AVENUE WEST
HENDERSONVILLE, NC 28739
(828) 687-7177
WGLA.COM
NC LICENSE P-1342

Henderson County Transfer Station

Henderson County
North Carolina



REVISIONS	
DATE	DESCRIPTION

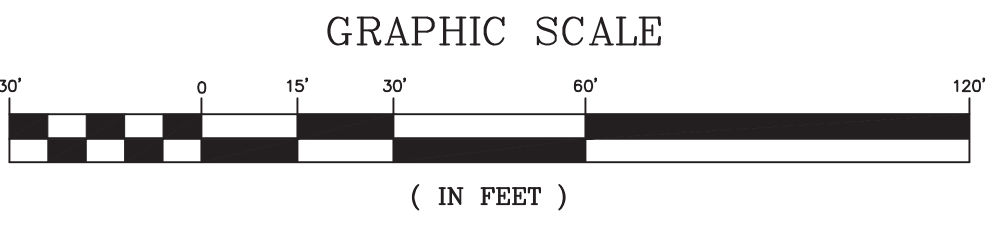


PROJECT NUMBER: 24128
DATE: 3/24

Proposed Widening Transfer Station Drive

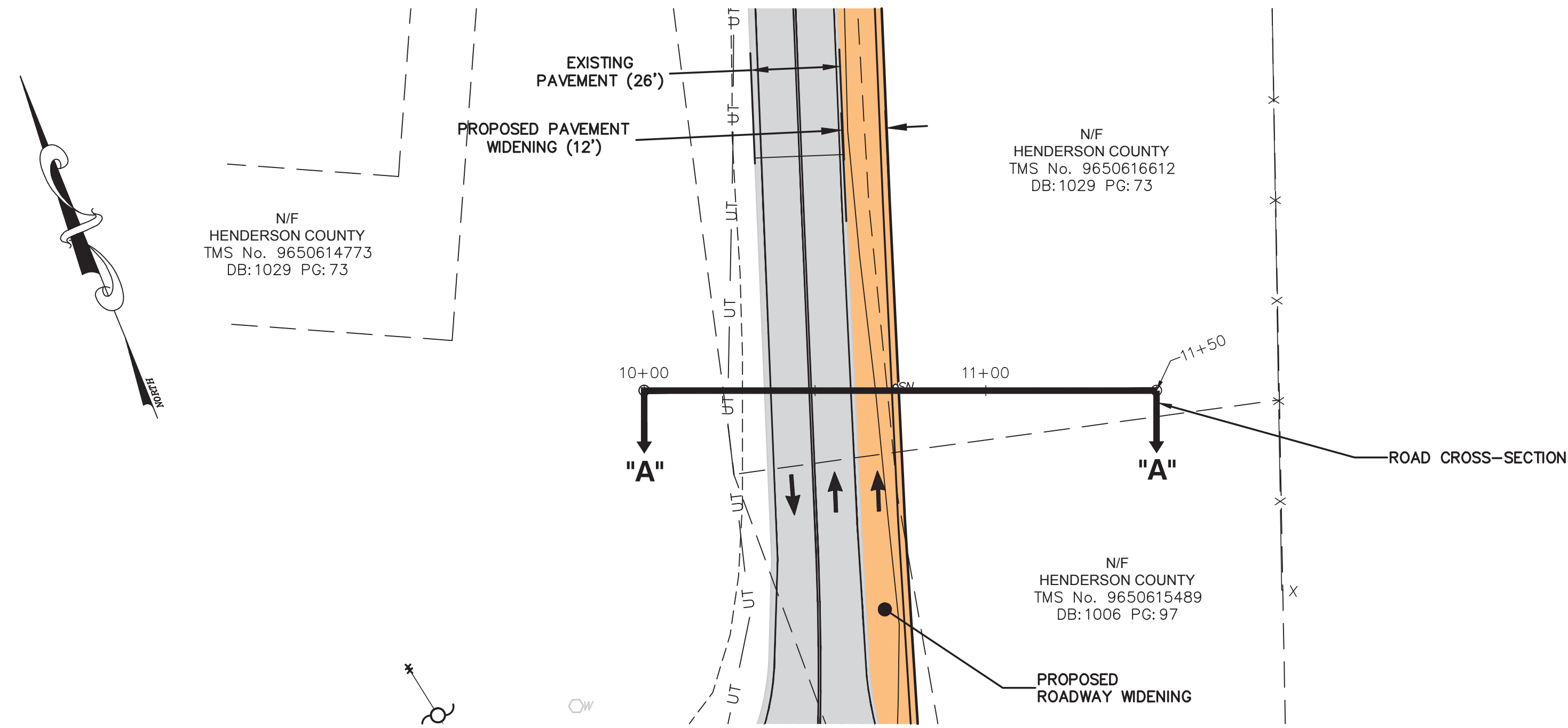
C-100

SCALE: 1"=30'

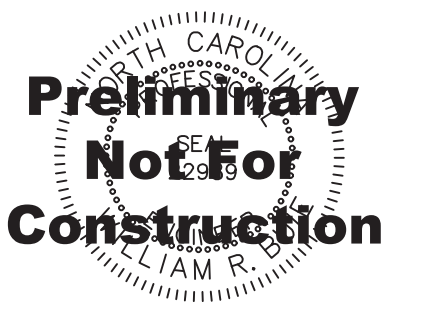


Henderson County
Transfer Station

Henderson County
North Carolina

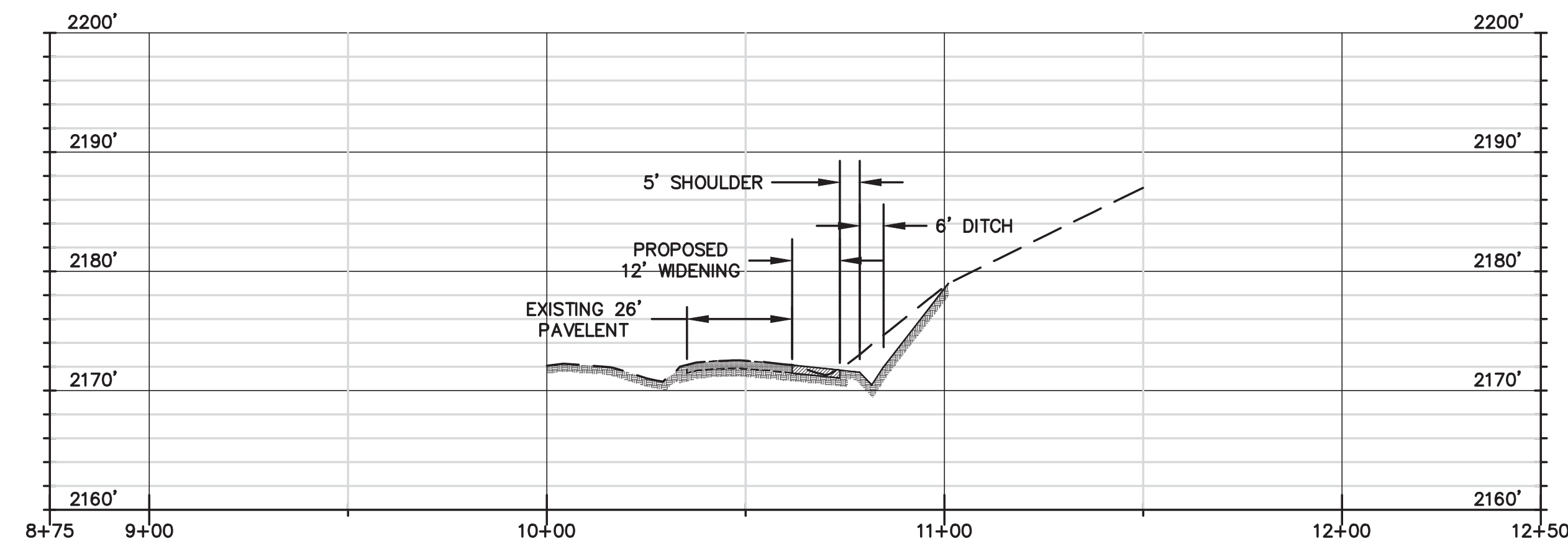


Road Cross-Section "A-A"
Horizontal Scale: 1"=30'



REVISIONS

DATE	DESCRIPTION



Road Cross-Section
Horizontal Scale: 1"=30' Vertical Scale: 1"=10'



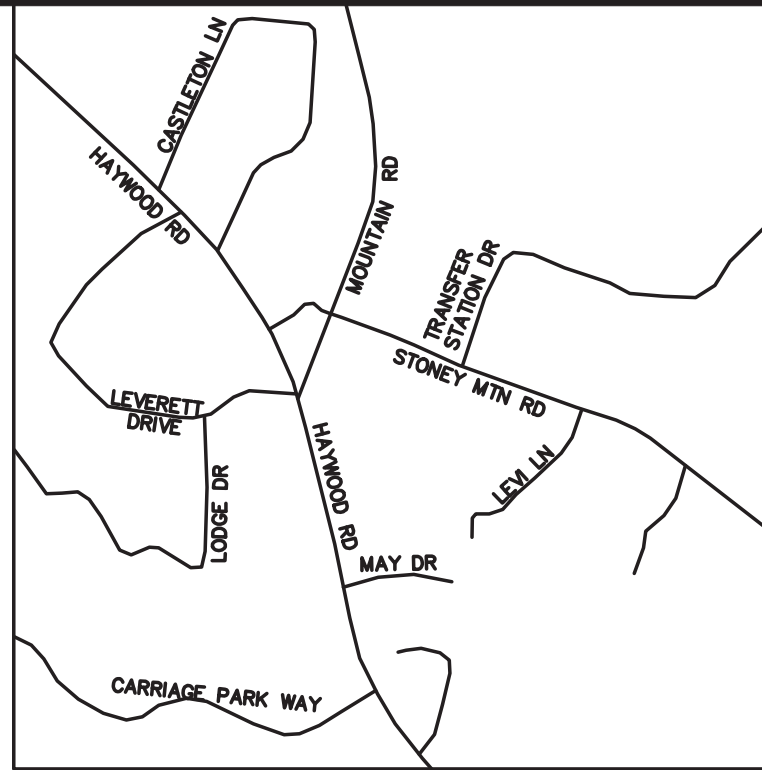
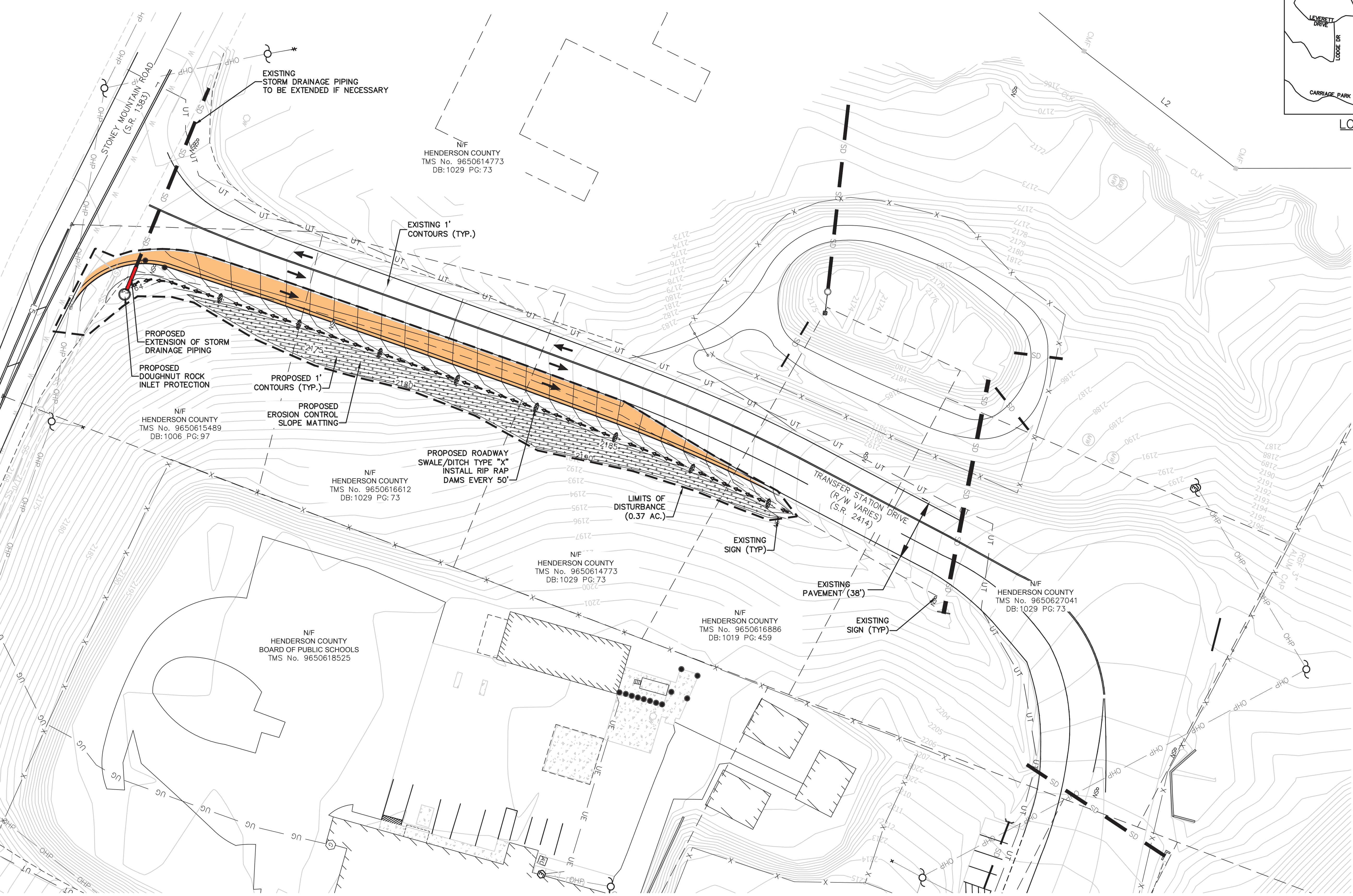
Know what's below.
Call before you dig.

PROJECT NUMBER: 24128
DATE: 3/24

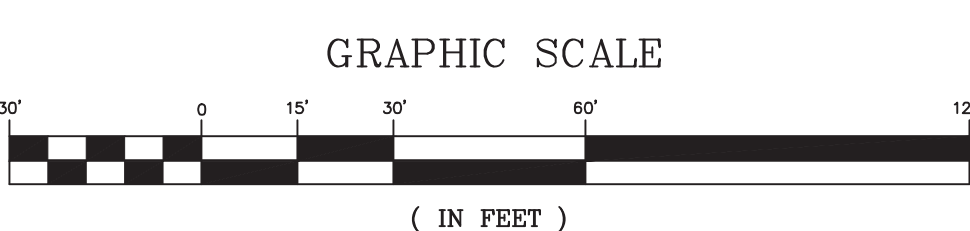
Proposed Widening
Transfer Station Drive
Cross-Section

C-101

SCALE: 1"=30'



LOCATION MAP
SCALE: 1"=1,000'



GRAPHIC SCALE
(IN FEET)

WGLA Engineering

WGLA ENGINEERING, PLLC
724 5th AVENUE WEST
HENDERSONVILLE, NC 28739
(828) 687-7177
WGLA.COM
NC LICENSE P-1342

Henderson County Transfer Station

Henderson County
North Carolina

**Preliminary
Not For
Construction**

REVISIONS	
DATE	DESCRIPTION



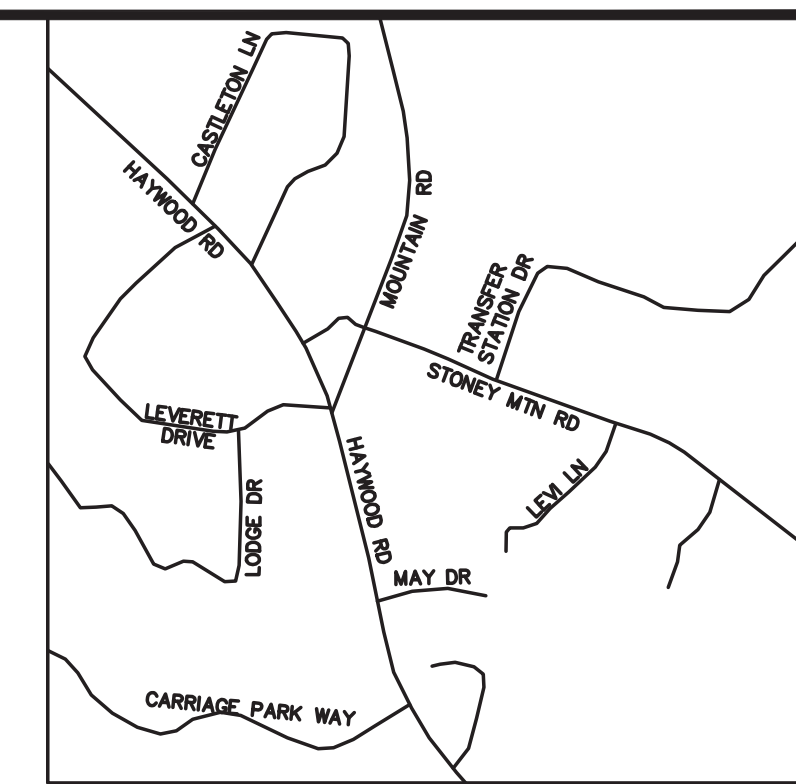
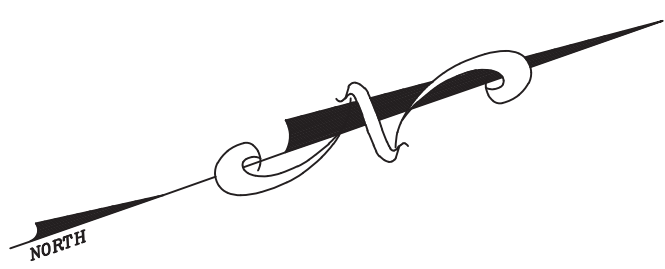
Know what's below.
Call before you dig.

PROJECT NUMBER: 24128
DATE: 3/24

Grading & Erosion Control Plan

C-300

SCALE: 1"=30'



LOCATION MAP
SCALE: 1"=1,000'

Henderson County
Transfer Station

Henderson County
North Carolina



REVISIONS

DATE	DESCRIPTION

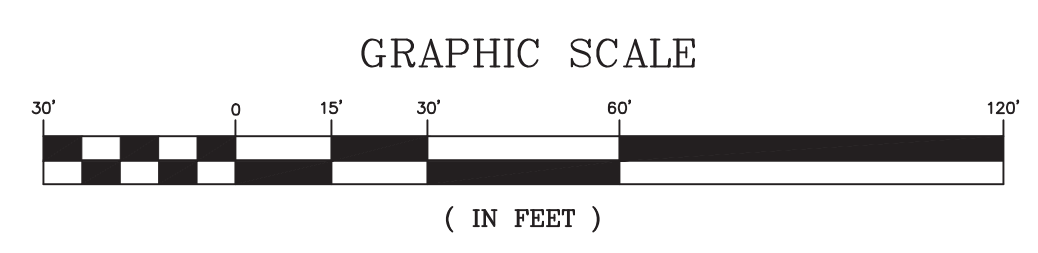
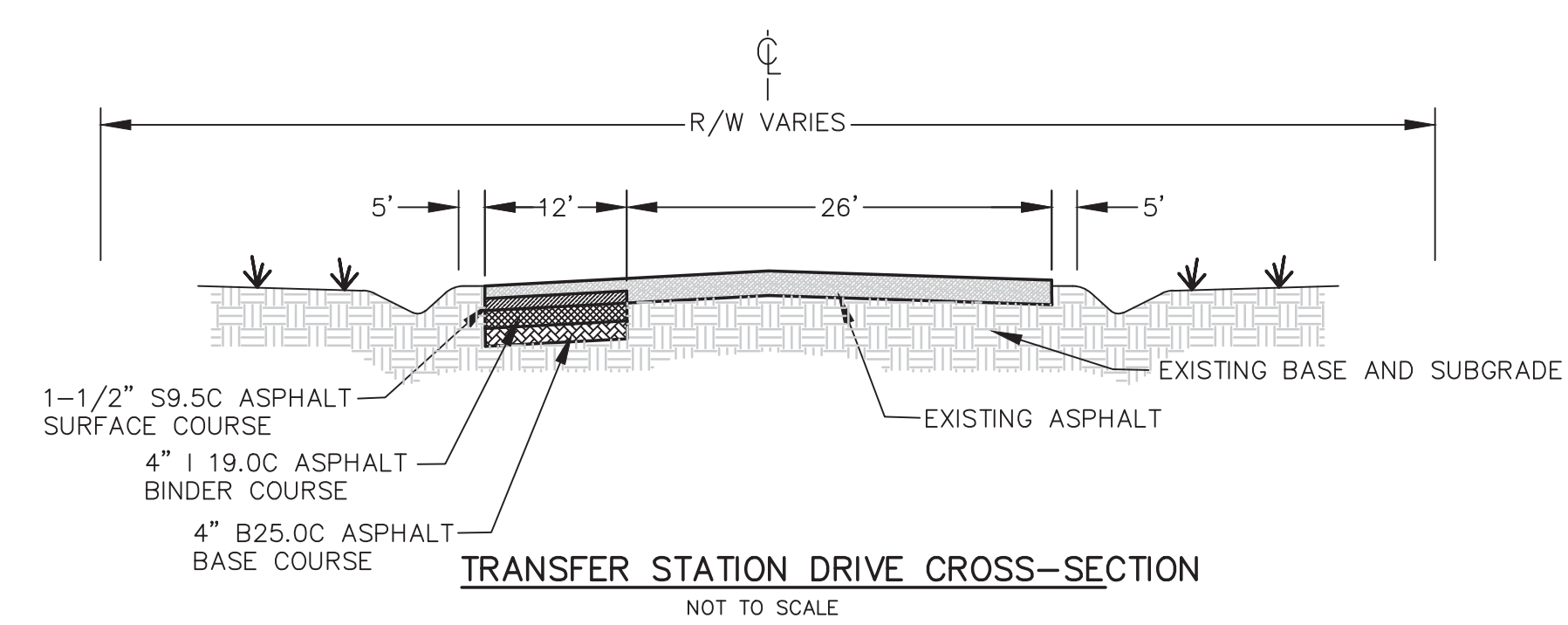
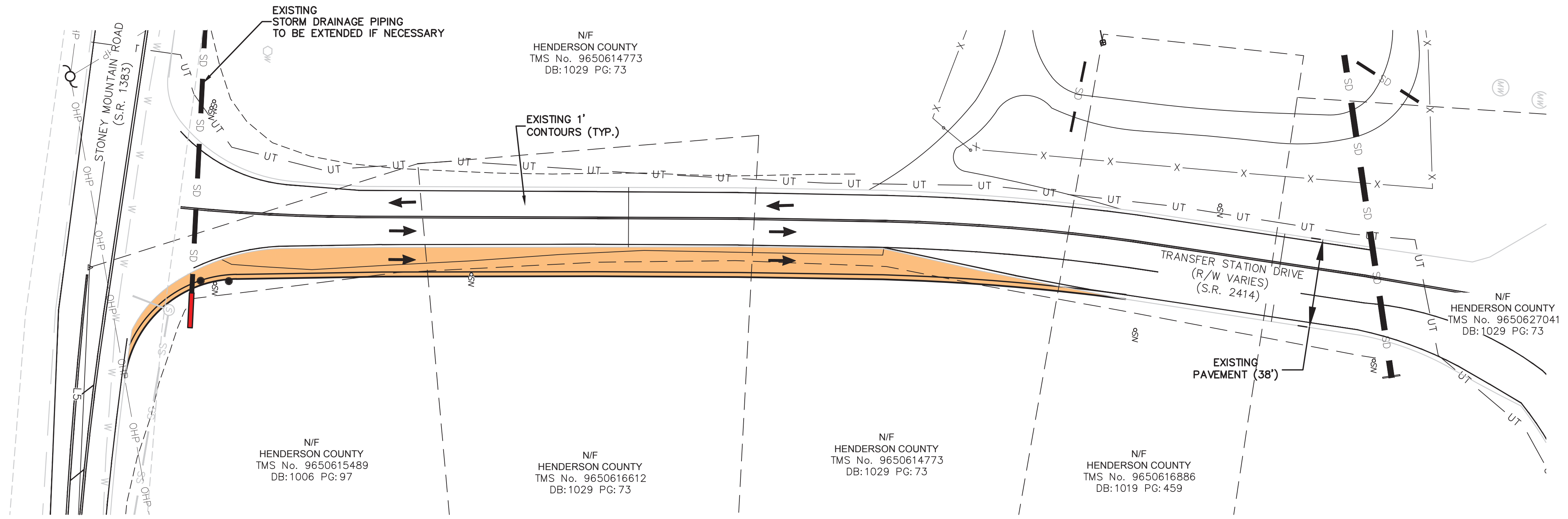


PROJECT NUMBER: 24128
DATE: 6/24

Paving Plan

C-700

SCALE: 1"=30'





Tennoca Construction Company

Project: Henderson County Transfer Station

PCO

18

Date: 11/19/24

Description: Entrance Lane Addition

Henderson County Transfer Station PCO #18

Lane Widening at Entrance

Material				Total	
Ballast Stone	36.0	Tons	\$ 29.00	\$	1,044.00
Slope Matting (Site and Dump Location)	1685.0	SY	\$ 2.50	\$	4,212.50
Rip Rap Ditch	197	Tons	\$ 28.00	\$	5,518.33
Doughnut Rock Inlet Protection	1	EA	\$ 150.00	\$	150.00
Filter Fabric	100	SY	\$ 1.75	\$	175.00
Fitting to Extend Culvert	1	EA	\$ 320.00	\$	320.00
24" HDPE	20	LF	\$ 35.00	\$	700.00
Labor & Equip.					
Grading Crew	5	Days	\$ 3,465.00	\$	17,325.00
Mini Ex. Crew	2	Days	\$ 2,605.00	\$	5,210.00
Trucking	220	HR	\$ 115.00	\$	25,300.00
				Cost	\$ 59,954.83
				Overhead	\$ 5,695.71
				Subtotal	\$ 65,650.54
Subs					
Hydroseeding (Slope and Dumping Location)	0.75	AC	\$ 3,000.00	\$	2,250.00
Surveyor	1	LS	\$ 1,500.00	\$	1,500.00
Paving and Thermoplastic Striping	1	LS	\$ 65,250.00	\$	65,250.00
Bond	1	LS	\$ 1,400.00	\$	1,400.00
				Markup	\$ 6,802.53
				Total	\$ 142,853.07

By: Riley Marshall, Project Manager