

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS

PROJECT NUMBER 2018-04

NW MOORE ROAD – ROADWAY IMPROVEMENTS

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received in the Columbia County Manager's office until **2:00 P.M.** on **October 26, 2018**, for Columbia County Project No. **2018-04**. This office is located on the second floor of the Courthouse Annex at 135 Hernando Avenue, Room 203 Lake City FL 32055.

This project includes full depth reclamation, resurfacing and widening existing 19-20' asphaltic paved road section to 22' wide for approximately 18,350 LF, or 3.5 miles, from CR 250 W (Lake Jeffery Rd.) to CR 25A with drainage and roadway improvements. Project consists of placement of 4" limerock, 10" full depth reclamation, widening entire section to 22', and placement of new asphalt pavement in two layers (structural and surface).

Scope of work includes storm pipe, limerock, widening, mixing, grading, asphaltic concrete pavement, erosion control, grassing, painted pavement markings, and incidental items.

The Bid Forms and Construction specifications may be obtained from the County's web site at <http://www.columbiacountyfla.com/PurchasingBids.asp>. Deadline for questions regarding construction plans, specifications, and/or bid documents must be received before **2:00 P.M.** on **October 18**.

The successful bidder will be required to furnish the County Manager with a 5% bid bond with submittal, and if selected, furnish the County Manager with a performance bond and proof of liability insurance prior to commencing work.

The Columbia County Commission reserves the right to reject any or all bids and to add to the contract or delete from the contract to stay within their funding capabilities.

Columbia County Board of County Commissioners

Tim Murphy, Chair

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
PROJECT NUMBER 2018-04
NW MOORE ROAD – ROADWAY IMPROVEMENTS

BID PROPOSAL

THE UNDERSIGNED hereby propose to furnish all materials, labor and supervision for the construction of the subject project including conformance with the construction requirements and specifications for the following unit prices:

	ITEM	UNIT	QUANTITY	UNIT COST	TOTAL
1	Mobilization	LS	1		
2	Maintenance of Traffic	LS	1		
3	Silt Fence	LF	6320		
4	Borrow	CY	1000		
5	Subsoil Excavation	CY	3477		
6	Limerock Base(4") Loose Measure	CY	4904		
7	Turnout Construction	SY	1000		
8	Mixing Existing Pavement, 10" Depth	SY	44136		
9	Grading and Finishing Mixed Base and Shoulder	SY	44136		
10	Asphaltic Conc. SP 12.5 structural	TN	3641		
11	Asphaltic Conc. SP 9.5 surface	TN	3741		
12	Seed and Mulch	LF	18056		
13	Sod	SY	14043		
14	Retroreflective Pavement Markings	EA	1020		
15	Painted Pavement Markings	LS	1		
16	Cross Drain, 18" RCP	LF	56		
17	Cross Drain, 30" RCP	LF	256		
18	Cross Drain, 19" x 30" ERCP	LF	96		
19	Cross Drain, 29" x 45" ERCP	LF	240		
20	Cross Drain, 38" x 60" ERCP	LF	56		
21	Mitered End Section (18")	EA	2		
22	Mitered End Section (30")	EA	2		
23	Mitered End Section (19"x30")	EA	8		
24	Mitered End Section (29"x45")	LF	8		
25	Mitered End Section (38"x60")	EA	2		

TOTAL BID:

Contractor Name (PRINT): _____

Contractor Signature: _____

**COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
PROJECT NUMBER 2018-04
NW MOORE ROAD – ROADWAY IMPROVEMENTS**

PAY ITEM NOTES

Item 2 - Shall include all elements required per FDOT standards and include temporary centerline/stop bar delineation at all non working times, stationing/offsets, and any edge of pavement reclamation where required.

Item 3 - Shall be placed at all areas of potential stormwater runoff as directed by the Engineer.

Item 6 – Shall include 4” limerock, loose measure, placed by mechanical spreader with adjustable screed to monitor and verify the limerock mat thickness before mixing begins.

Item 7 – Includes 8” compacted subgrade, 6” limerock base and 165 lbs/sy SP 9.5

Item 8 - Average depth shall be 10 inches and shall be achieved with a milling machine or engineer approved equivalent.

Item 9 – Includes all construction layouts required, scarifying, shaping, shoulder clipping, compacting, finishing, and priming for placement of asphalt and sod.

Item 10 – Includes placement of SP 12.5 @ +/-165 lb/sy.

Item 11 – Includes placement of SP 9.5 @ +/-165 lb/sy.

Item 12 - Shall be placed at all disturbed areas not sodded, as directed by the engineer.

Item 13 – Includes cost to place 42” sod strip along edge of pavement and in areas directed by the engineer.

Item 19 - Shall include striping the roadway back to existing layout and shall include stop bars at all stop conditions, centerline/edgeline striping (2 coats each), and RPM's throughout.

ALL ITEMS MAY BE INCREASED, DECREASED, OR OMITTED AS DIRECTED BY THE ENGINEER.

ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO BOTH THE REQUIREMENTS OF THE LATEST FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST FDOT DESIGN STANDARDS.

ALL INCIDENTAL WORK INCLUDED IN THESE ITEMS. ALL UNIT PRICE AND TOTAL SPACES MUST BE FILLED IN TO CORRELATE WITH EACH ITEM

Company Name: _____ **(SEAL)**

**Authorized
Company
Representative:**

Printed Name **Signature**

Attested By:

Printed Name **Signature**

Total Bid Amount: _____

Date: _____

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
PROJECT NUMBER 2018-04
NW MOORE ROAD – ROADWAY IMPROVEMENTS

General Requirements

I. General.

This project includes full depth reclamation, resurfacing and widening existing 19' wide and 20' wide asphaltic paved road section to 22' wide for approximately 18,350 LF, or 3.5 miles, from CR 250 W (Lake Jeffrey Rd.) to CR 25A with drainage and roadway improvements. Project consists of placement of 4" limerock, 10" full depth reclamation, widening entire section to 22', and placement of new asphalt pavement in two layers (structural and surface).

Scope of work includes storm pipe, limerock, widening, mixing, grading, asphaltic concrete pavement, erosion control, grassing, painted pavement markings, and incidental items.

II. Contract Time

The contract time shall be **90 calendar days** from the date of contract execution. The contractor will be required to return executed contract to Ray Hill, Columbia County Purchasing Director and Chad Williams, Columbia County Engineer, within 14 days of Board approval. Time can be extended by mutual agreement of both parties. Liquidated damages shall be based on FDOT specifications. No work is allowed on Saturdays, Sundays, and/or County designated holidays.

III. Construction and Materials

All construction methods and materials shall conform to the requirements of the latest edition of the Florida Department of Transportation Design Standards and Florida Department of Transportation Standard Specifications for Road and Bridge Construction.

IV. Roadway Construction Requirements

Install permanent construction signs prior to any work beginning on each end of project and any County connector roads.

Install Silt Fence as directed by Engineer prior to any earthwork activities.

Install all stormwater pipes and structures.

Saw cut all driveways along the roadway +/-11.5'-12' from centerline to allow for widening.

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
PROJECT NUMBER 2018-04
NW MOORE ROAD – ROADWAY IMPROVEMENTS

Cut trench along edge of pavement 10" deep and +/- 1.5' wide in the 20' section (STA to STA) and 2.5' wide in the 18' section (STA to STA). Add ±4 inches of limerock (loose measure) across one lane of existing pavement with a mechanical spreader (leaving the centerline striping), then mix 10 inch minimum depth and spread uniformly to provide 11 feet 6 inch wide base from centerline of roadway and compact. Water truck shall be onsite to suppress dust for the duration of the day.

Material samples will be required to establish LBR and proctor for density test. Contractor shall shape and compact mixed materials to obtain 98% maximum density. Two percent (2%) cross slope required unless required to match existing.

CENTERLINE DELINEATION SHALL BE REQUIRED AT ALL NON-WORKING TIMES INCLUDING ONCE BOTH LANES HAVE BEEN MIXED USING RPM'S.

Repeat process for adjacent travel lane.

Once Full Depth Reclamation has occurred, roadway shall not be left exposed more than 7 days. Time may be extended by mutual agreement of both parties.

Provide finished base surface with 2% cross slope and prime coat.

Provide 6" limerock base and for non-paved County intersections at locations directed by the Engineer.

Place 1st lift of asphaltic concrete (SP 12.5 Fine Mix at 155 lb/sy) to provide 22 feet roadway surface. Temporary centerline paint required.

Place asphaltic concrete (SP 9.5 at 165 lb/sy) for non-paved County intersections and resurface paved county intersections as directed by the Engineer.

Place borrow material and final dress as directed by Engineer.

Place 42" wide sod strip (Bahia) and seed and mulch as directed by the Engineer.

Place 2nd lift of asphaltic concrete (SP 9.5 at 135 lb/sy) to provide 22 feet roadway surface.

Paint 1st coat of permanent centerline, edgelines, and stop bars. Install raised pavement markings (RPM's).

2nd and final application of painted pavement markings is required. M.O.T. crew is required to prevent paint tracking.

V. Maintenance of Traffic

Contractor shall provide Maintenance of Traffic and it shall conform to the requirements

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
PROJECT NUMBER 2018-04
NW MOORE ROAD – ROADWAY IMPROVEMENTS

of the latest edition of the Florida Department of Transportation Design Standards.

Flagging will be required and only one traffic lane may be closed between the hours of **8:30 A.M. to 4:30 P.M.** only.

All construction signage shall be provided by the contractor.

CENTERLINE DELINEATION SHALL BE REQUIRED AT ALL NON-WORKING TIMES.

VI. Compensation

Payment shall be made on a monthly basis on work completed with 10% retainage. Contractor invoice shall include Columbia County Invoice Cover Sheet (see attached).

Purchasing Department – General Instructions to Bidders

These instructions will bind bidders and conditions herein set forth, except as specifically qualified in special bid and contract terms issued with any individual bid.

1. The following criteria are used in determining low responsible bidder:
 - A. The ability, capacity and skill of bidder to perform required service.
 - B. Whether the bidder can perform service promptly or within specified time.
 - C. The character, integrity, reputation, judgment, experience and efficiency of bidder.
 - D. The performance of previous contracts with Columbia County.
 - E. The suitability of equipment or material or county use.
 - F. The ability of bidder to provide future maintenance
2. Payment Terms are net (30) unless otherwise specified. Favorable terms, discounts, may be offered and will be considered in determining low bids if they are deemed by Purchasing Department to be advantageous to the County.
3. All bids should be tabulated, totaled and checked for accuracy. All blanks on Bid Proposal sheet shall be filled in and unit price will prevail in case of errors.
4. All requested information shall be included in the envelope. All desired information must be included for your bid to receive full consideration.
5. If anything on the bid request is not clear, you should contact the Purchasing Director immediately.
6. A bidders list is available at the Purchasing Office.
7. Quote all prices F.O.B. our warehouse or as specified in bid documents.

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
PROJECT NUMBER 2018-04
NW MOORE ROAD – ROADWAY IMPROVEMENTS

8. Each proposal shall be clearly marked on the outside of the envelope including Fed Ex, UPS or other delivery service envelopes, as a sealed bid. The name of the item being bid shall be shown on the outside in full.
9. No responsibility shall attach to any County representative or employee for the premature opening of bids not properly addressed or identified.
10. If only one (1) bid is received, the bid may be rejected and re-advertised or excepted if determined to be in the counties best interest.
11. Bids received late will not be accepted, and the County will not be responsible for late mail delivery.
12. Telephone and facsimile bids will not be acceptable in formal bid openings (sealed bids). Should a bid be misplaced by the County and found later, it will be considered. Any bidder may request and shall receive a receipt showing the day and time any bid is delivered to the appropriate office of the County from the personnel thereof.
13. Bids requiring bid bonds will not be accepted if bond is not enclosed. Cash or certified check will be accepted in lieu of bond except on construction projects where cost exceeds \$40,000.
14. All bidders must be recognized dealers in the materials or equipment specified and is qualified to advise in their application or use. A bidder at any time requested must satisfy the Purchasing Office and the County Manager that he has the requisite organization, capital, plant, stock ability and experience to satisfactorily execute the contract in accordance with the provisions of the contract in which he is interested.
15. Any alterations, erasures, additions, or admissions of required information or any changes to specifications or bidding schedule are done at the risk of the bidder. Any bid will be rejected that has a substantial variation, that is; a variation that affects price, quantity, and quality or delivery date (when delivery is required by a specific time).
16. When requested, samples will be furnished to the County free of expense, properly marked for identification and accompanied by a list where there is more than one (1) sample. The County reserves the right to mutilate or destroy any sample submitted whenever it may be to the best interest of the County to do so for the purpose of testing.
17. The County will reject any material, supplies or equipment that did not meet the specifications, even though the bidder lists the trade names or names of such material on the bid or price quotation form.
18. The unauthorized use of patented articles is done entirely at the risk of the successful bidder.

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
PROJECT NUMBER 2018-04
NW MOORE ROAD – ROADWAY IMPROVEMENTS

19. The ESTIMATED QUANTITY given in the specifications or advertisements is for the purpose of bidding only. The County may purchase more or less than the estimated quantity and the vendor must not assume that such estimated quantity is part of the contract.
20. Only the latest model equipment as evidenced by the manufacture's current published literature will be considered. Obsolete models of equipment not in production will not be acceptable. The equipment shall be composed of new parts and materials. Any unit containing used parts or having seen any service other than the necessary tests will be rejected. In addition to the equipment specifically called for in the specification, all equipment catalogued by the manufacturer as standard or required by the State of Florida shall be furnished with the equipment. Where required by the State of Florida Motor Vehicle Code, vehicles shall be inspected and bear the latest inspection sticker of the Florida Department of Revenue.
21. Prospective bidders are required to examine the location of the proposed work or delivery and determine, in their own way, the difficulties, which are likely to be encountered in the prosecution of the same.
22. All materials, equipment and supplies shall be subject to rigid inspection, under the immediate supervision of the Purchasing Department, its designee and /or the department to which they are delivered. If defective material, equipment, or supplies are discovered, the contractor, upon being instructed by the Purchasing Department or designee, shall remove, or make good such material, equipment, or supplies without extra compensation. It is expressly understood and agreed that the inspection of materials by the County will in no way lessen the responsibility of the Contractor release him from his obligation to perform and deliver to the County Sound and satisfactory materials, equipment, or supplies. The Contractor agrees to pay the costs of all tests upon defective material, equipment, or supplies or allow the costs to be deducted from any monies due him from the County.
23. Unless otherwise specified by the Purchasing Department all materials, supplies, or equipment quoted herein must be delivered within thirty (30) days from the day of notification or exceptions noted on bid sheets.
24. A contract will not be awarded to any corporation, firm, or individual who is, from any cause, in arrears to the County or who has failed in former contracts with the County to perform work satisfactorily, either to the character of the work, the fulfillment or guarantee, or the time consumed in completing the work.
25. Reasonable grounds for supposing that any bidder is interested in more than one proposal for the same item will be considered sufficient cause for rejection of all proposals in which he is interested.
26. Submitting a proposal when the bidder intends to sublet the contract may be a cause

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
PROJECT NUMBER 2018-04
NW MOORE ROAD – ROADWAY IMPROVEMENTS

for rejection of bids or cancellation of the contract by the County Manager.

27. Unless otherwise specified the County reserves the right to award each items separately or on a lump sum basis whichever is in the best interest of the County.
28. The County reserves the right to reject any and/or all quotations, to waive any minor discrepancies in the bids for all bidders equally, quotations, or specifications, when deemed to be in the best interest of the County and also to purchase any part, all or none of the materials, supplies, or equipment specified.
29. Failure of the bidder to sign the bid or have the signature of an authorized representative or agent on the bid proposal in the space provided will be cause for rejection of the bid. Signature must be written in ink. Typewritten or printed signatures will not be acceptable.
30. Any bidder may withdraw his bid at any time before the time set for the opening of the bids. No bid may be withdrawn in the thirty- (30) day period after bids are opened.
31. It is mutually understood and agreed that if at any time the Purchasing Department or designee shall be of the opinion that the contract or any part thereof is unnecessarily delayed or that the rate of progress or delivery is unsatisfactory, or that the contractor is willfully violating any of the conditions or covenants of the agreement, or executing the same in bad faith, the Purchasing Department or his designee shall have the power to notify the aforesaid contractor of the nature of the complaint. Notification shall constitute delivery of notice, or letter to address given in the proposal. If after three (3) working days of notification the conditions are not corrected to the satisfaction of the Purchasing Director, he shall thereupon have the power to take whatever action he may deem necessary to complete the work or delivery herein described, or any part thereof, and the expense thereof, so charged, shall be deducted from any paid by the County out of such monies as may become due to the said contractor, under and by virtue of this agreement. In case such expense shall exceed the last said sum, then and in that event, the bondsman or the contractor, his executors, administrators, successors, or assigns, shall pay the amounts of such excess to the County on notice made by the Purchasing Department or his designee of the excess due.
32. If the bidder proposes to furnish any item of foreign make or product, he shall write "foreign" together with the name of the originating country opposite such item on a proposal.
33. Any complaint from bidders relative to the invitation to bid or attached specifications shall be made prior to the time of opening bids; otherwise, the bidder waives any such complaint.

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
PROJECT NUMBER 2018-04
NW MOORE ROAD – ROADWAY IMPROVEMENTS

34. Contracts may be cancelled by the County with or without cause on thirty- (30) days advance written notice.
35. All contractors submitting bids for road projects in excess of \$150,000 must be pre-qualified with the Florida Department of Transportation and shall provide proof of such qualification upon request.
36. Any bidder affected adversely by an intended decision with respect to the award of any bid, shall file with the Purchasing Department for Columbia County, a written notice of intent to file a protest not later than seventy-two (72) hours (excluding Saturdays, Sundays and legal holidays), after the posting of the bid tabulation. Protest procedures may be obtained in the Purchasing Department.
37. A person or affiliate who has been placed on the convicted vendor's list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to Columbia County, may not submit a bid on a contract with Columbia County for the construction or repair of a public building or public work, may not submit bids on leases of real property to Columbia County, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with Columbia County, and may not transact business with Columbia County for a period of 36 months from the date of being placed on the convicted vendor list.
38. Vendor/Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system, to confirm the employment eligibility of;
 - A. all persons employed by the Vendor/Contractor during the term of the Contract to perform employment duties within Florida; and
 - B. all persons, including subcontractors, assigned by the Vendor/Contractor to perform work is pursuant to the contract with the County.
39. Contractor shall register online at <http://www.columbiacountyfla.com/PurchasingBids.asp> for this specific project. All addendums are delivered via email through this website, and it is the contractor's responsibility to ensure all addendums are used in the bid submittal.
40. Any existing materials demolished within county right of way may be retained by Columbia County.

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS

CONTRACT PLANS

NW MOORE RD.

FINANCIAL PROJECT I.D. = 434581-1-54-01 - G0158
 COLUMBIA COUNTY ACCOUNT NO. = 303-5408-541.60-63

GOVERNING STANDARDS AND SPECIFICATIONS

Florida Department of Transportation, 2015 Design Standards and revised Index Drawings as appended herein, and July 2015 Standard Specifications for Road and Bridge Construction, as amended by contract documents.

Design Standards can be downloaded at <http://www.dot.state.fl.us/rddesign/>

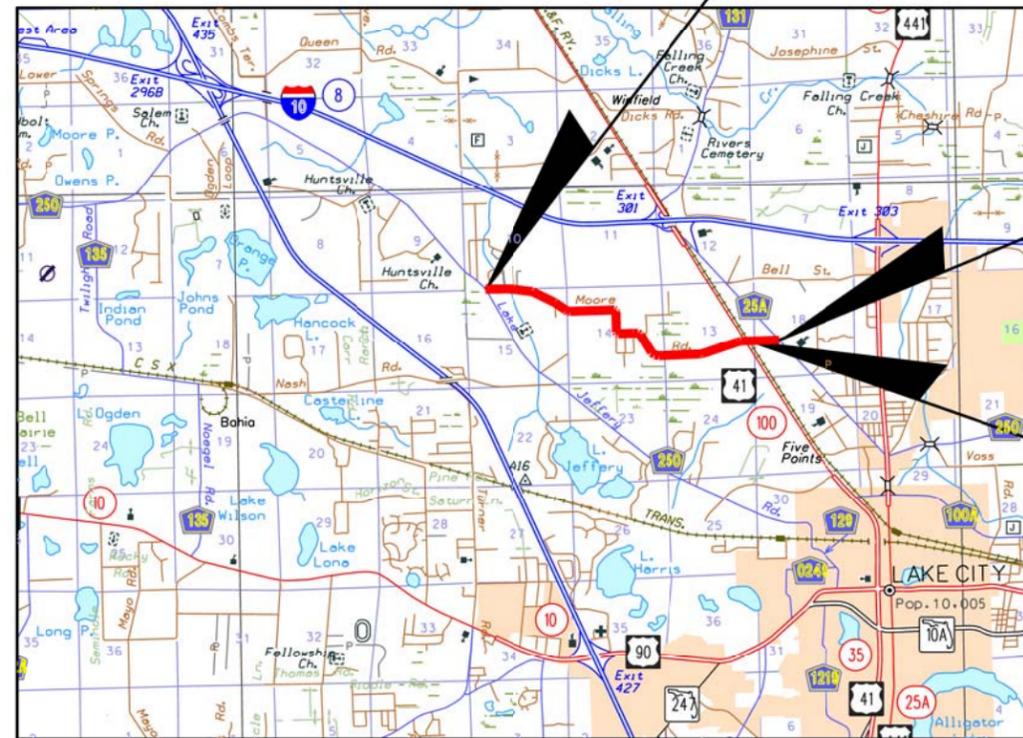
Standard Specifications can be downloaded at <http://dot.state.fl.us/specificationsoffice/>

LENGTH OF PROJECT = 18,350LF = 3.5 Miles

BEGIN PROJECT @ CR 250 W
 (NW Lake Jefferey Rd)
 STA 100+00

END PROJECT @ CR 25A
 STA 282+00

EXCEPTION
 STA 174+50 to 177+00
 (US 41 AND NORFOLK SOUTHERN RAIL)

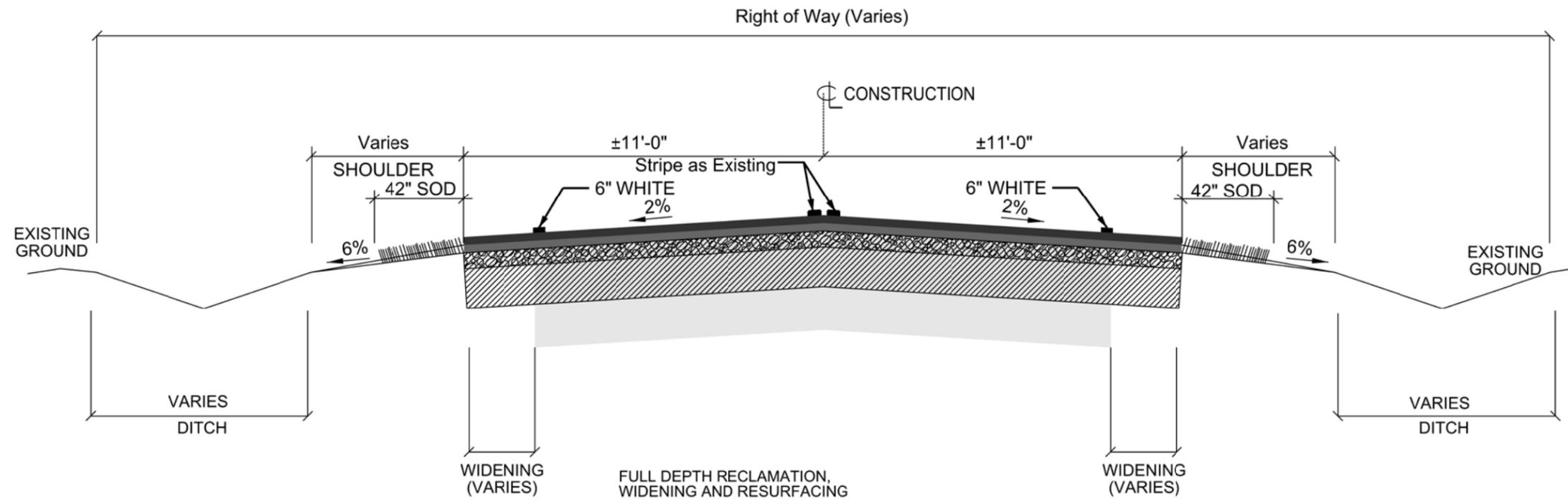


SHEET NO.	SHEET DESCRIPTION
1	Cover Sheet
2	Typical Section
3	Overall Site Plan
4-16	Plan Sheets

Engineer of Record

Chadwick W. Williams, P.E.
 P.E. No.: 63144

REVISIONS		COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS		NW MOORE RD	COVER SHEET	SHEET NO.
DATE	DESCRIPTION					
2018-07-12	FDOT SUBMITTAL					1



- Super Pave 9.5 Surface Course (165 lbs/sy)
- Super Pave 12.5 Structural Course (165 lbs/sy)
- Full Depth Reclamation - +/- 10"
- Limerock Placement - 4" Loose Measure
- Existing Roadway Section

NOTES:

STATIONING IS ESTIMATED. EXACT LOCATIONS WILL BE DETERMINED BY THE COUNTY ENGINEER DURING CONSTRUCTION

SOD AS DIRECTED BY ENGINEER

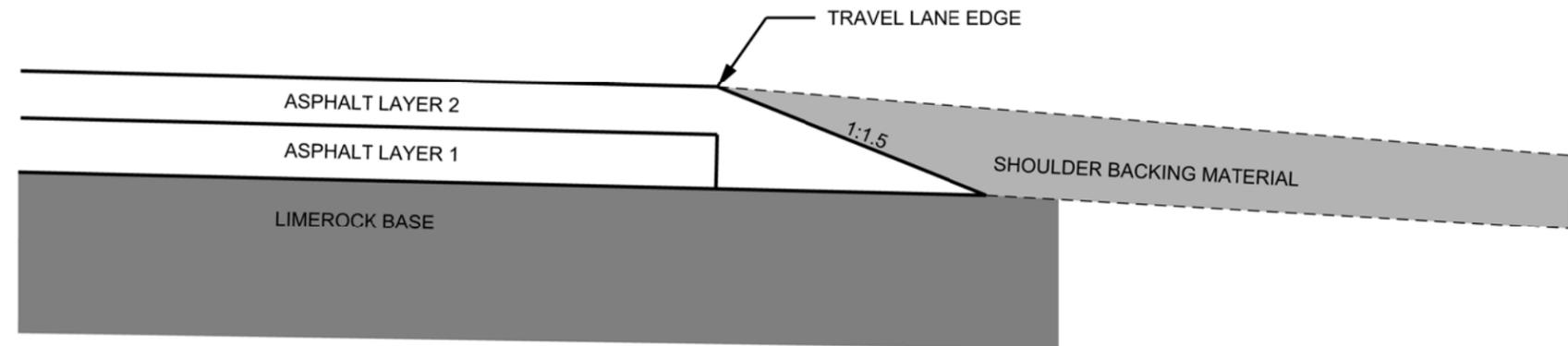
SEED AND MULCH ALL DISTURBED AREAS NOT SODDED

WIDENING TRENCH IS 8" DEEP

DESIGN SPEED:

STA 100+00	to	170+00	40 MPH
STA 170+00	to	220+00	30 MPH
STA 220+00	to	263+90	40 MPH
STA 263+90	to	282+00	50 MPH

SEE BID DOCUMENTS FOR ADDITIONAL INFORMATION



Construct a pavement safety edge by attaching a device to the screed of the paver to confine and extrude the asphalt material at the end gate to create a compacted wedge shape pavement edge as detailed.

SAFETY EDGE (SM)

REVISIONS	
DATE	DESCRIPTION

COLUMBIA COUNTY
BOARD OF COUNTY
COMMISSIONERS

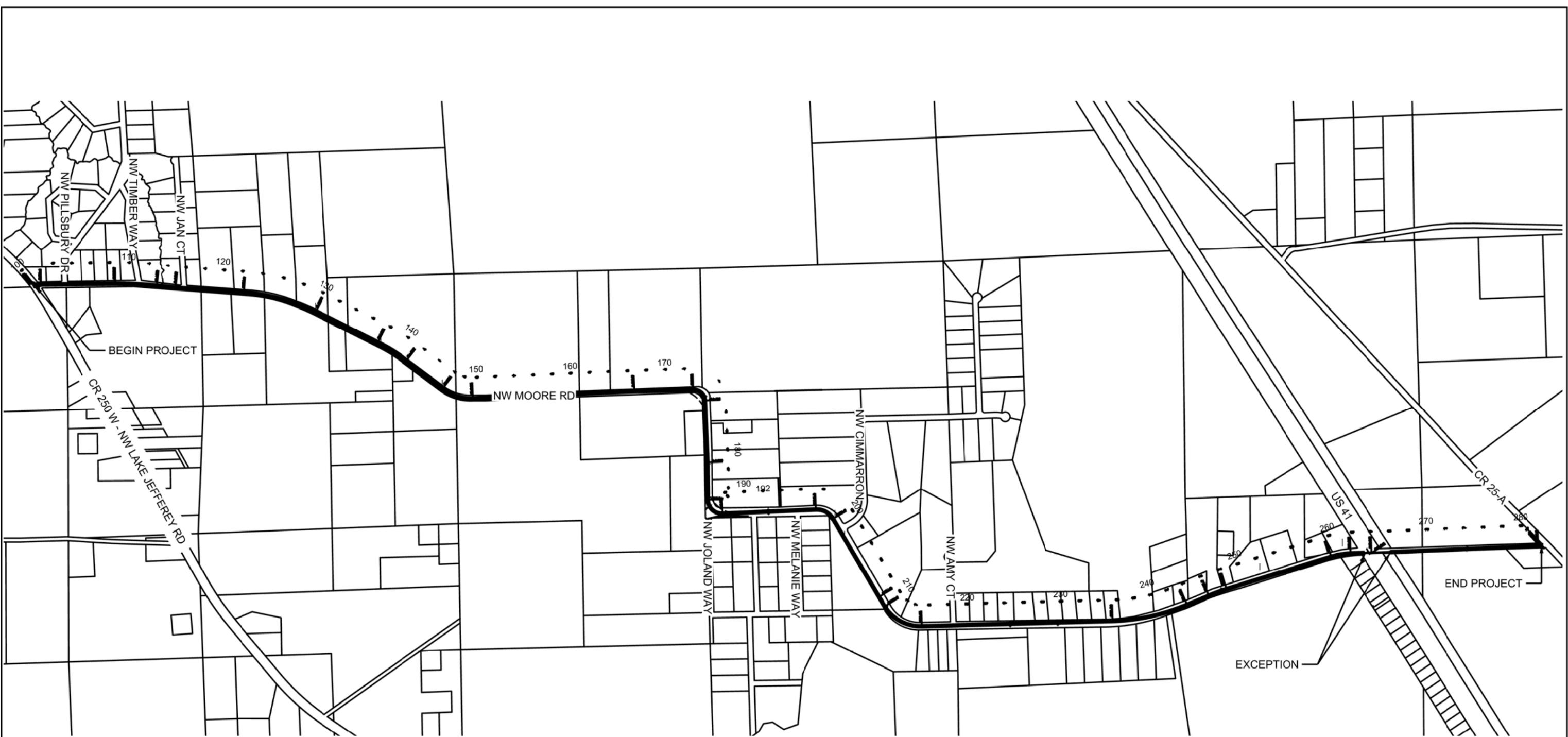


NW MOORE RD

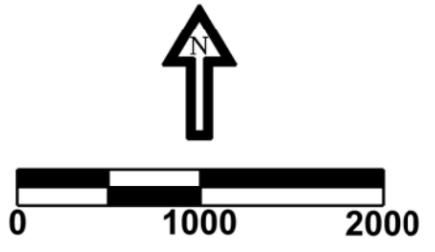
TYPICAL SECTIONS

SHEET NO.

2



PROJECT LENGTH = 18,300 LF = 3.5 MILES



REVISIONS	
DATE	DESCRIPTION

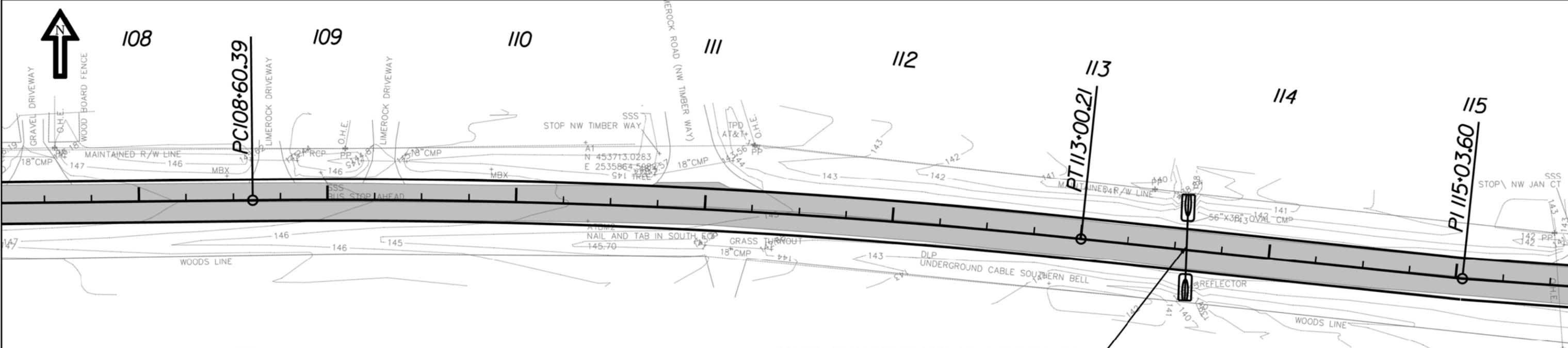
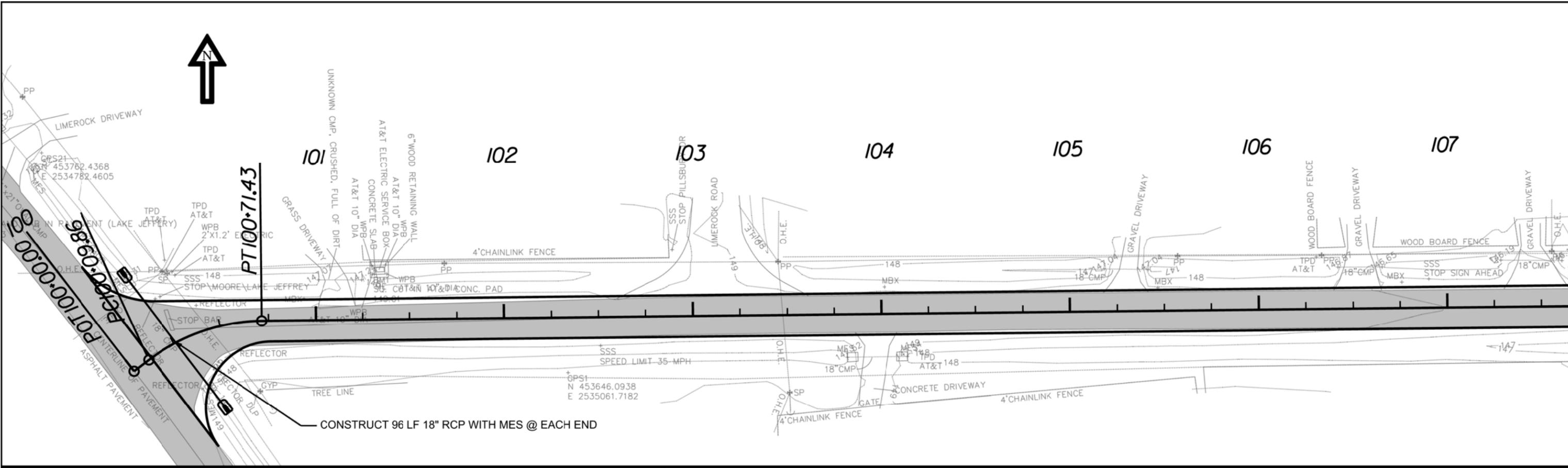
COLUMBIA COUNTY
BOARD OF COUNTY
COMMISSIONERS



NW MOORE RD

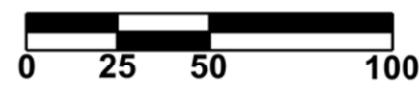
OVERALL SITE PLAN

SHEET NO.
3



EXISTING PAVEMENT

NOTE: PIPE LENGTHS INCLUDE M.E.S. LENGTHS



REVISIONS	
DATE	DESCRIPTION

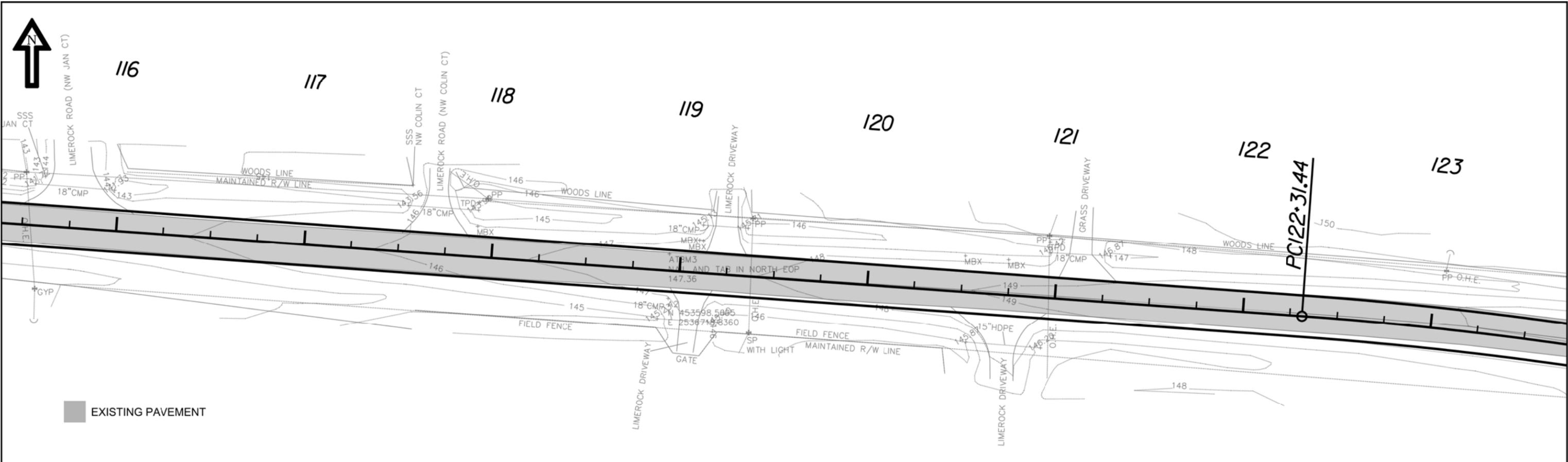
COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS



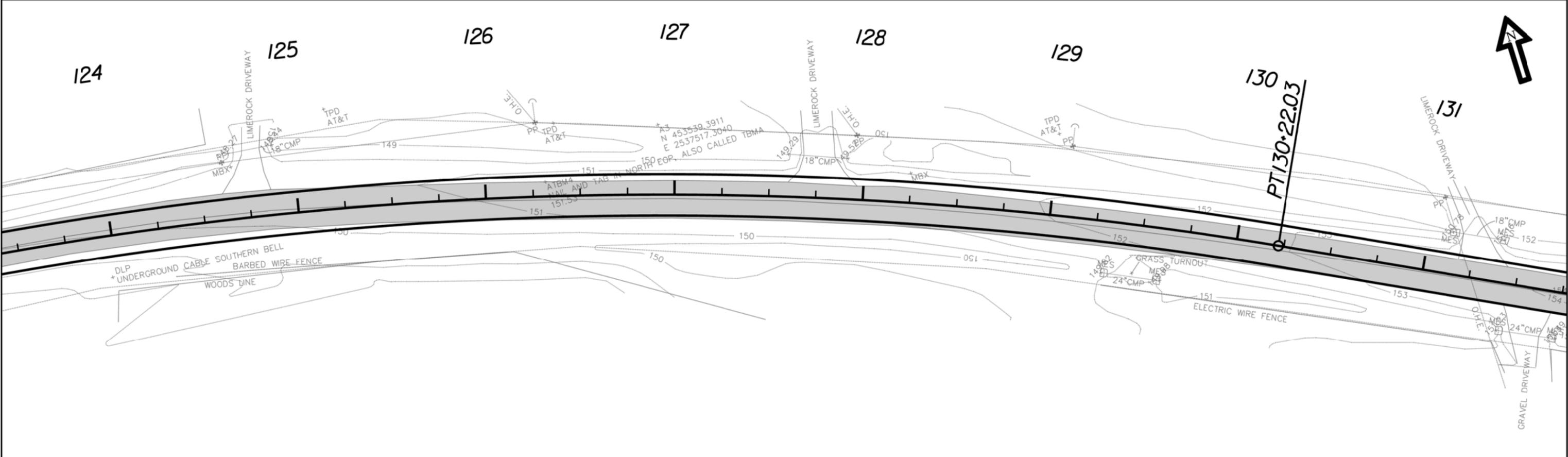
NE MOORE RD

PLAN SHEET

SHEET NO.
4



EXISTING PAVEMENT



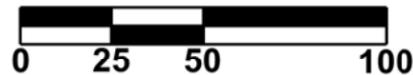
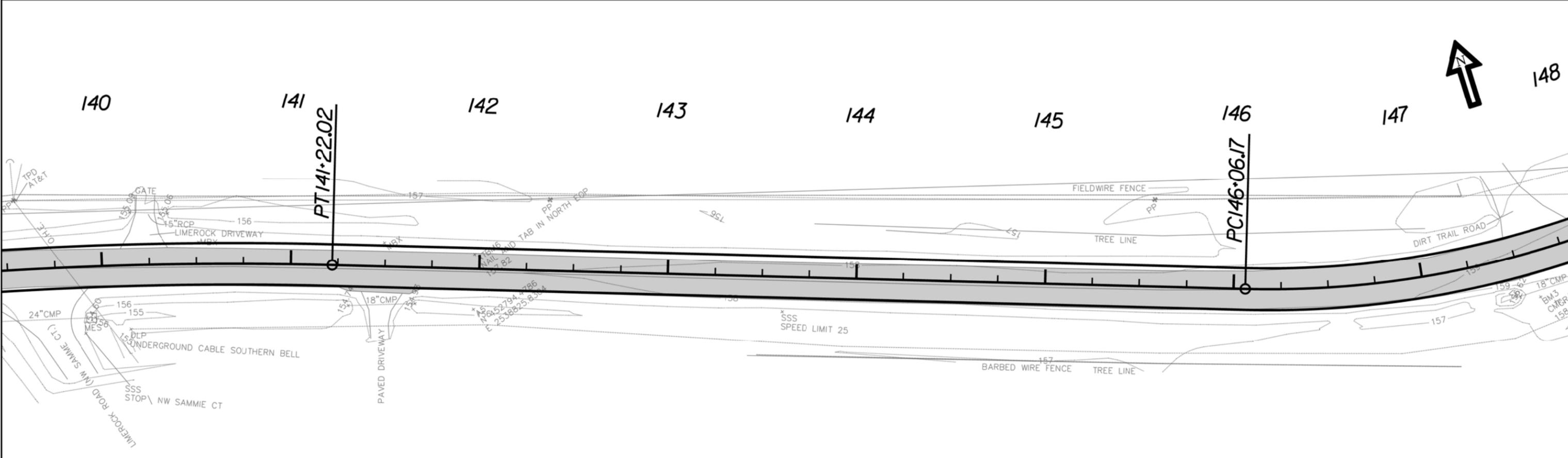
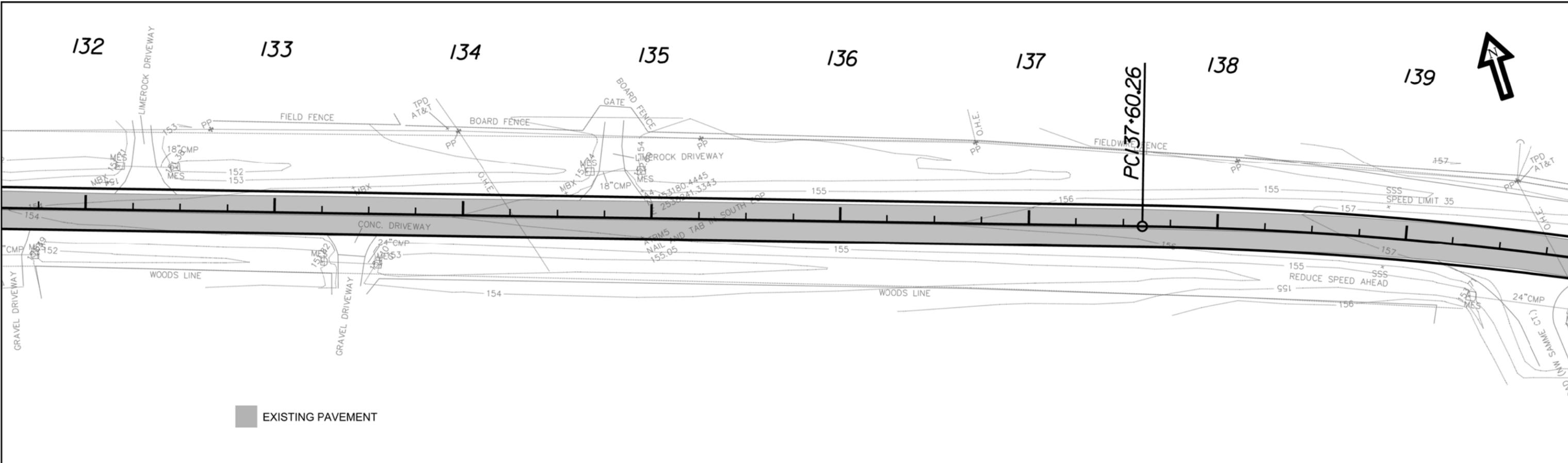
REVISIONS	
DATE	DESCRIPTION

COLUMBIA COUNTY
BOARD OF COUNTY
COMMISSIONERS

NE MOORE RD

PLAN SHEET

SHEET NO.
5



REVISIONS	
DATE	DESCRIPTION

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS

NE MOORE RD

PLAN SHEET

SHEET NO.
6



148

149

150

151

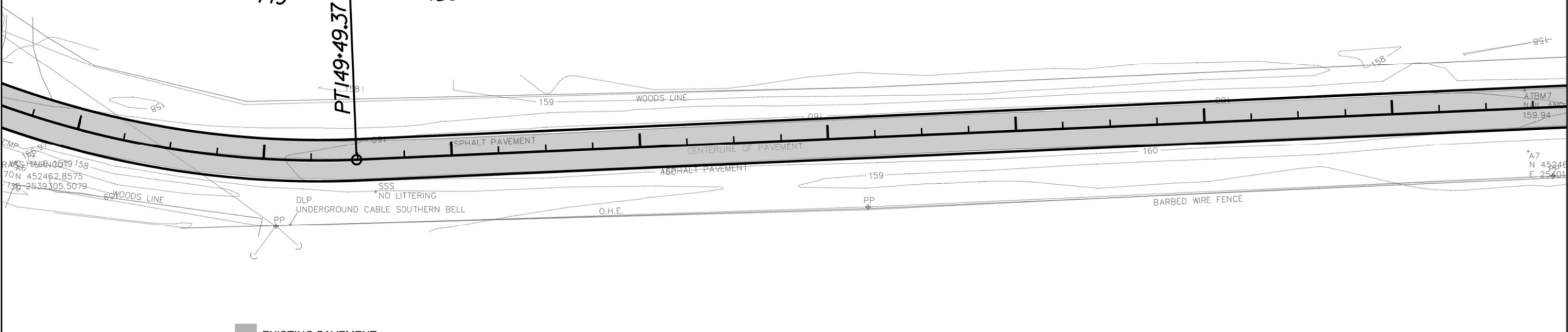
152

153

154

155

PT 149+49.37



EXISTING PAVEMENT

38" (LT)



156

157

158

159

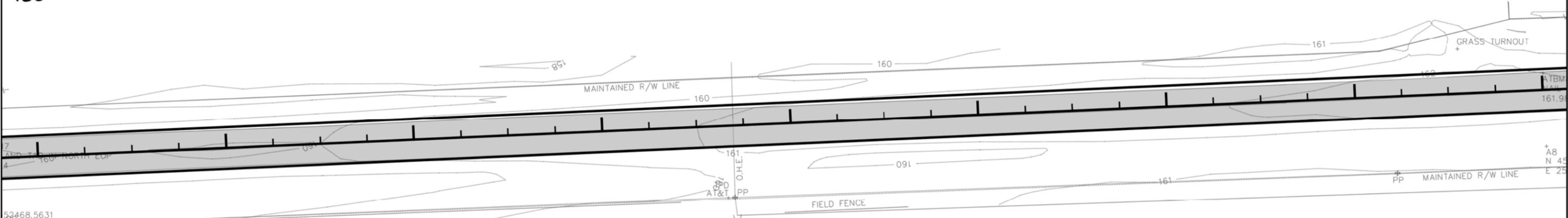
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164



REVISIONS	
DATE	DESCRIPTION

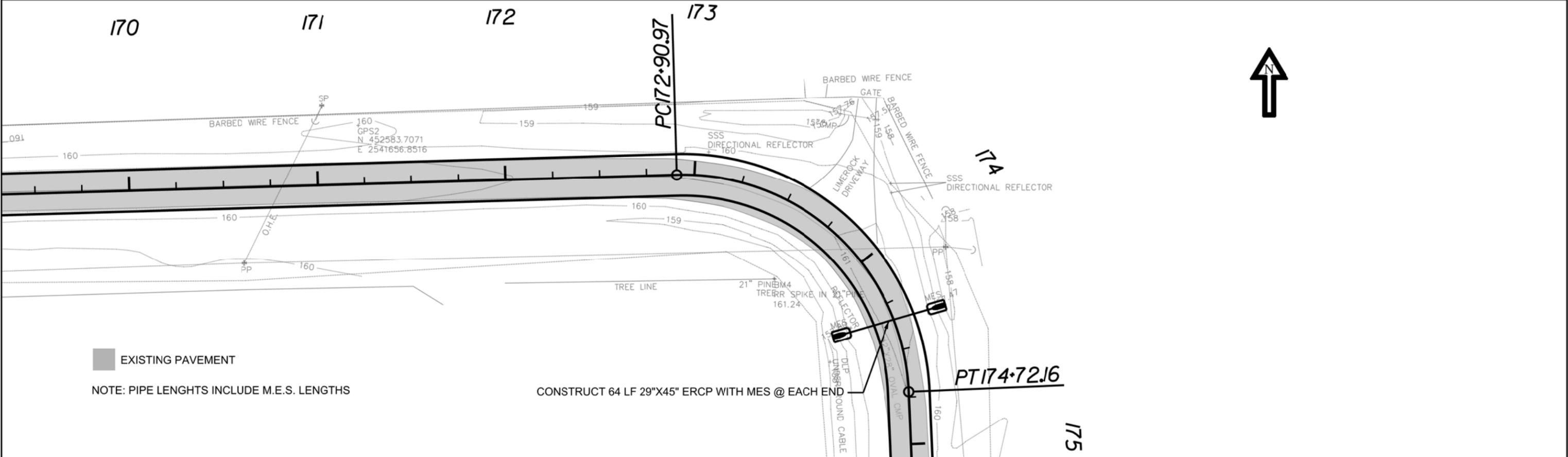
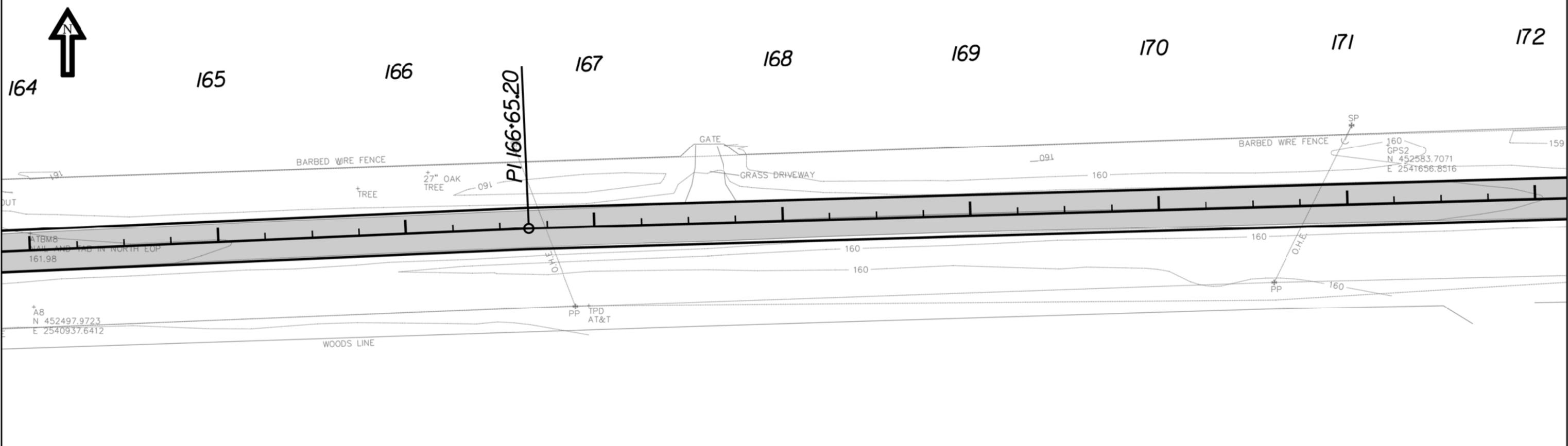
COLUMBIA COUNTY
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COMMISSIONERS



NE MOORE RD

PLAN SHEET

SHEET NO.
7



EXISTING PAVEMENT

NOTE: PIPE LENGTHS INCLUDE M.E.S. LENGTHS

CONSTRUCT 64 LF 29"X45" ERCP WITH MES @ EACH END



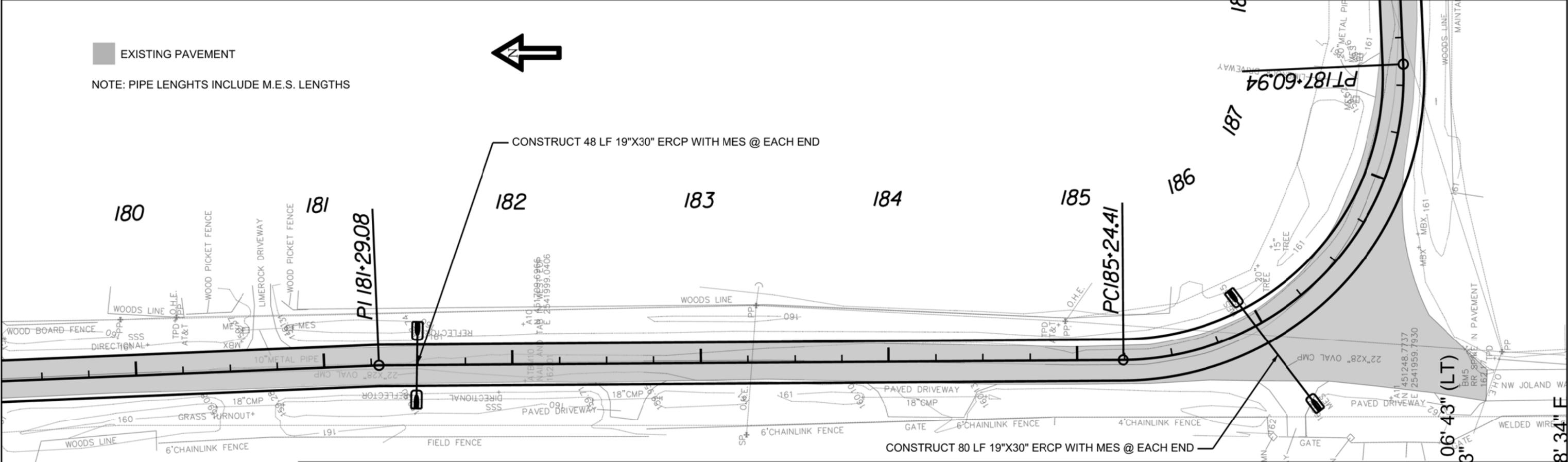
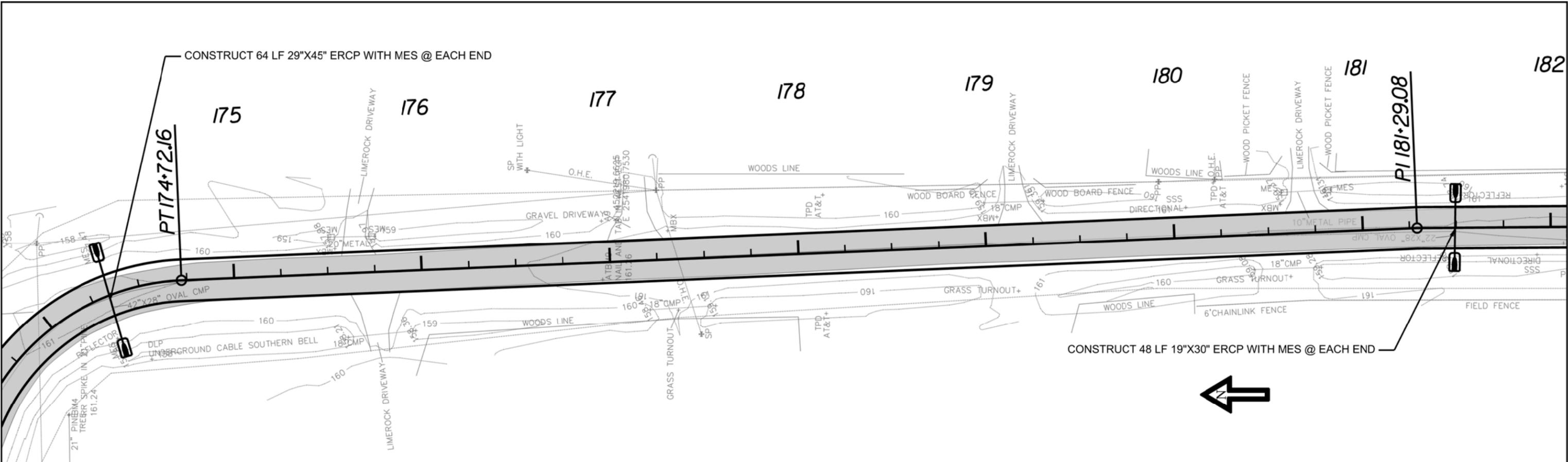
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DATE	DESCRIPTION

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS

NE MOORE RD

PLAN SHEET

SHEET NO.
8



EXISTING PAVEMENT
 NOTE: PIPE LENGTHS INCLUDE M.E.S. LENGTHS



REVISIONS	
DATE	DESCRIPTION

COLUMBIA COUNTY
 BOARD OF COUNTY
 COMMISSIONERS



NE MOORE RD

PLAN SHEET

SHEET NO.
 9



188

189

190

191

192

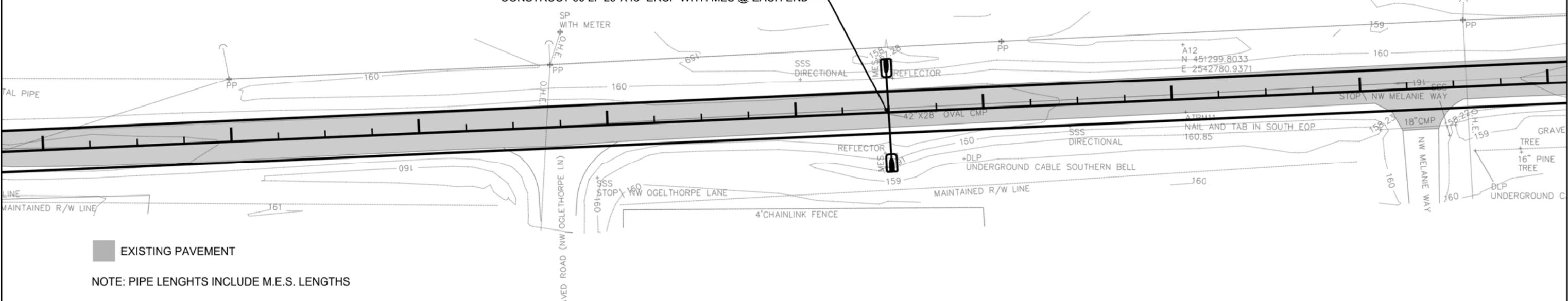
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CONSTRUCT 60 LF 29"X45" ERCP WITH MES @ EACH END



EXISTING PAVEMENT

NOTE: PIPE LENGTHS INCLUDE M.E.S. LENGTHS

198

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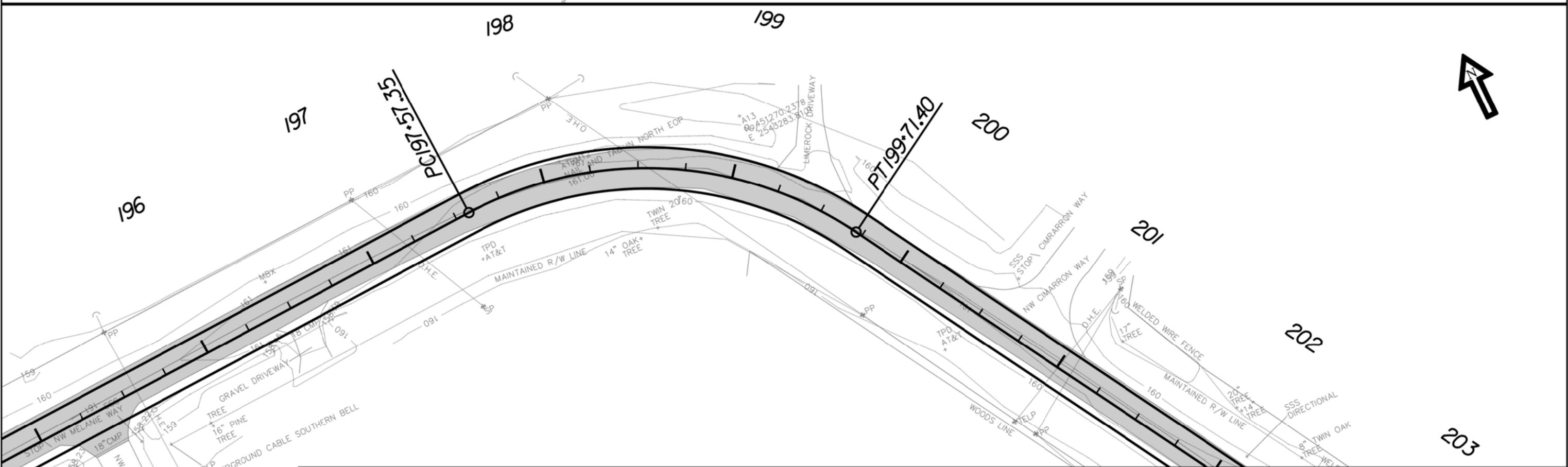
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203



REVISIONS	
DATE	DESCRIPTION

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS

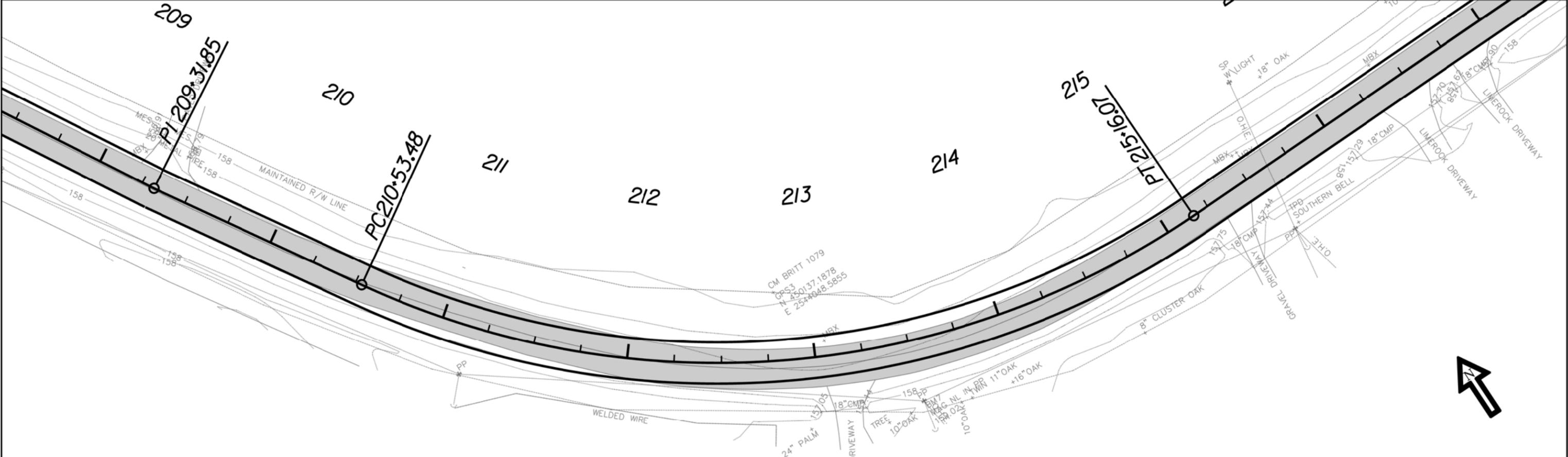
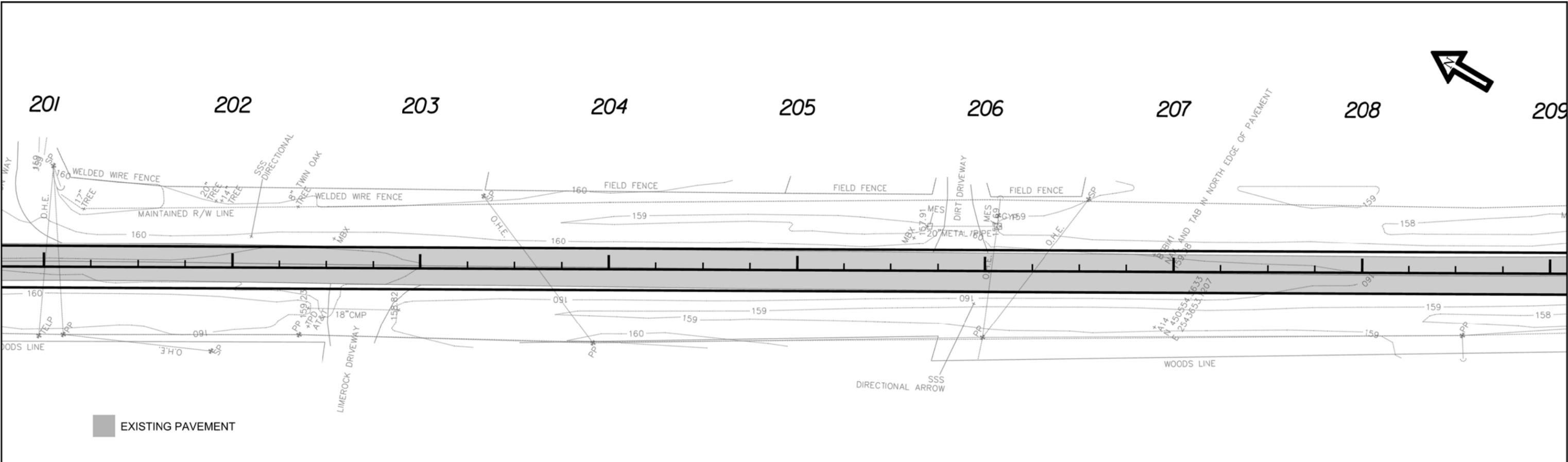


NE MOORE RD

PLAN SHEET

SHEET NO.

10



REVISIONS	
DATE	DESCRIPTION

COLUMBIA COUNTY
BOARD OF COUNTY
COMMISSIONERS



NE MOORE RD

PLAN SHEET

SHEET NO.
11



216

217

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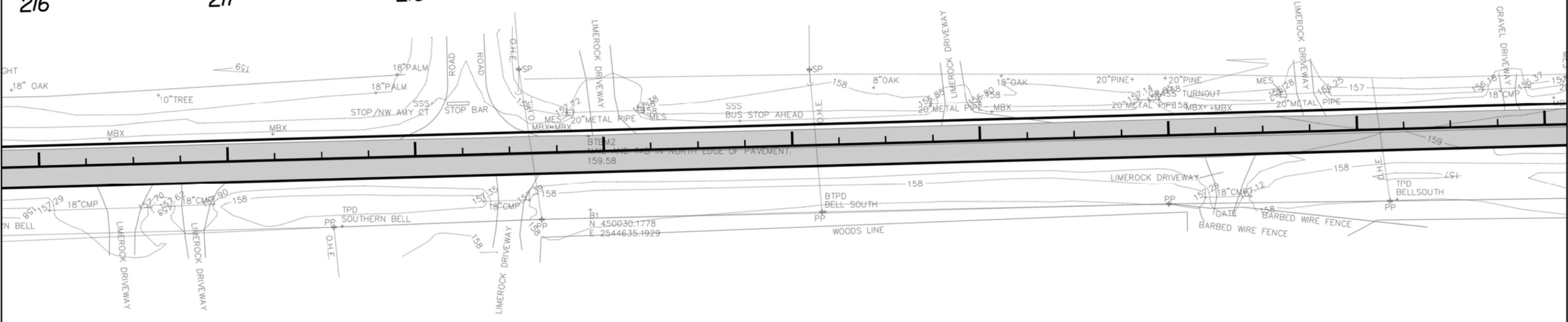
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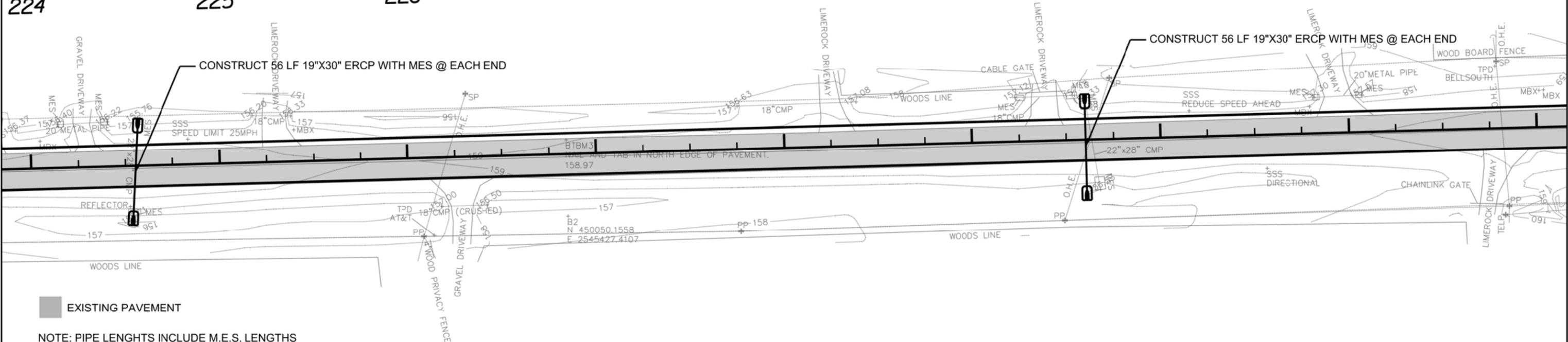
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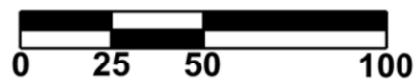
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232



EXISTING PAVEMENT

NOTE: PIPE LENGTHS INCLUDE M.E.S. LENGTHS



REVISIONS	
DATE	DESCRIPTION

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS

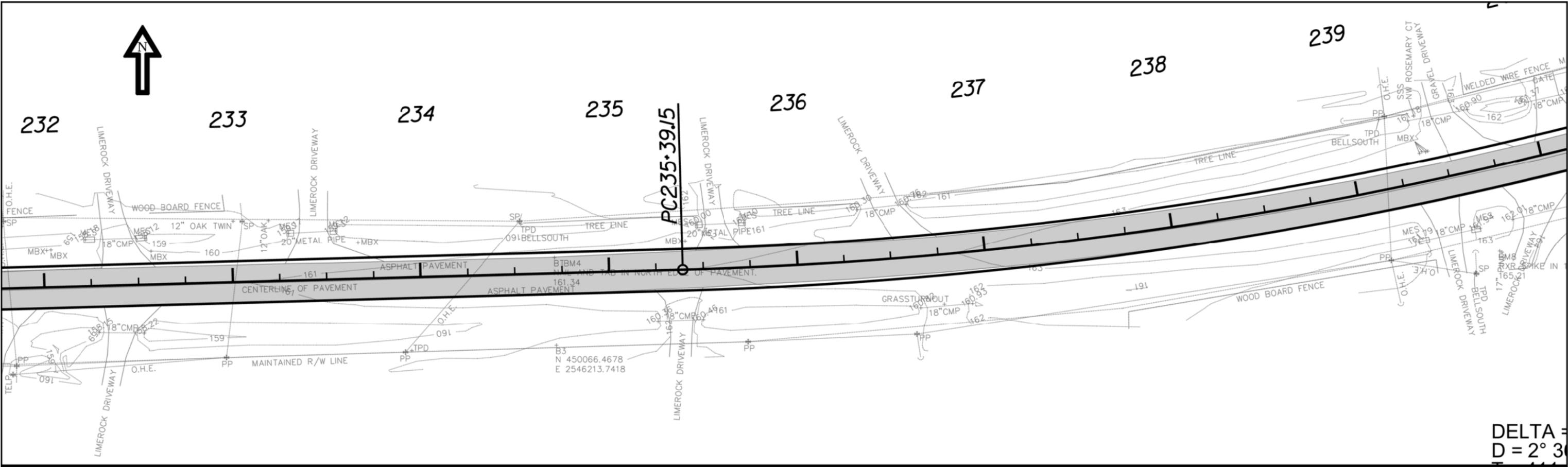


NE MOORE RD

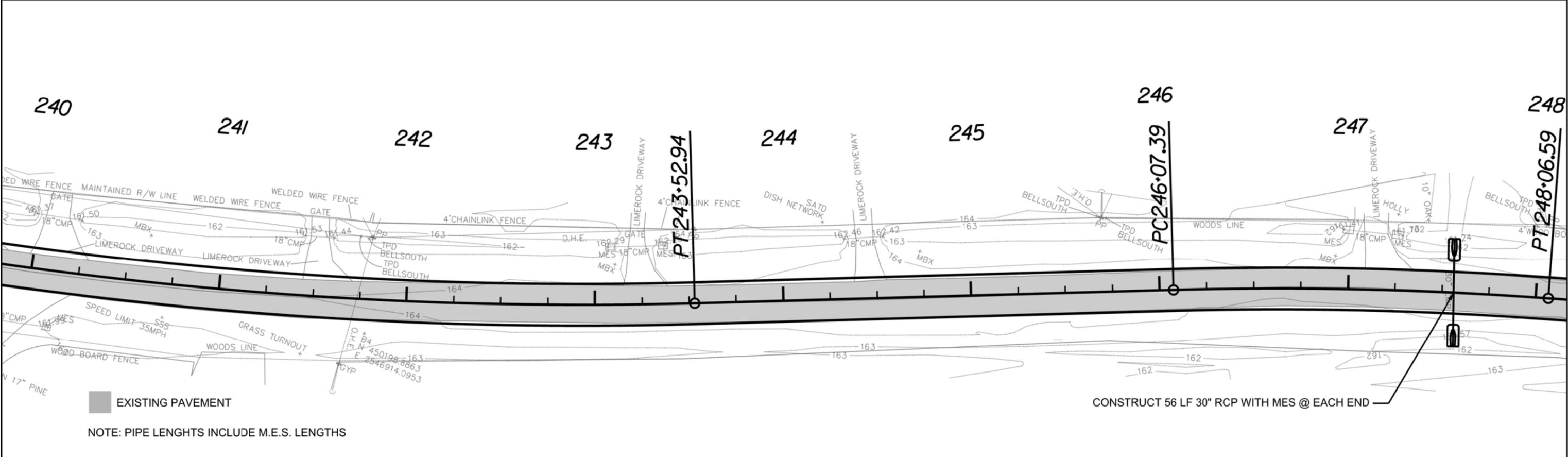
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SHEET NO.

12



DELTA =
D = 2° 3'



CONSTRUCT 56 LF 30" RCP WITH MES @ EACH END

EXISTING PAVEMENT
NOTE: PIPE LENGTHS INCLUDE M.E.S. LENGTHS



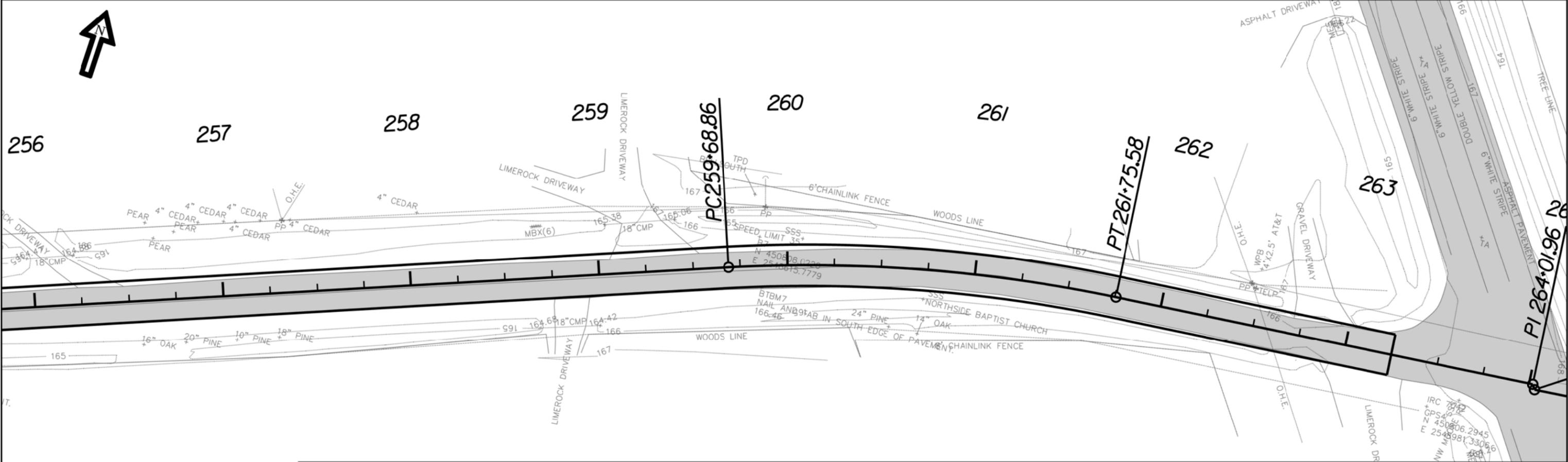
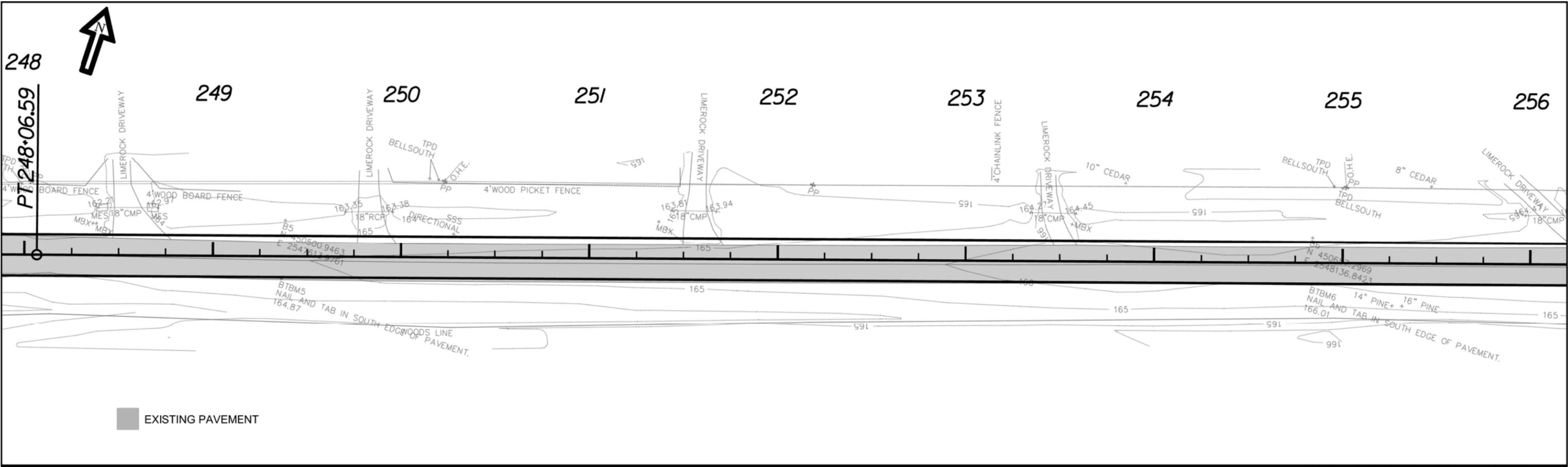
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COMMISSIONERS

NE MOORE RD

PLAN SHEET

SHEET NO.
13



REVISIONS	
DATE	DESCRIPTION

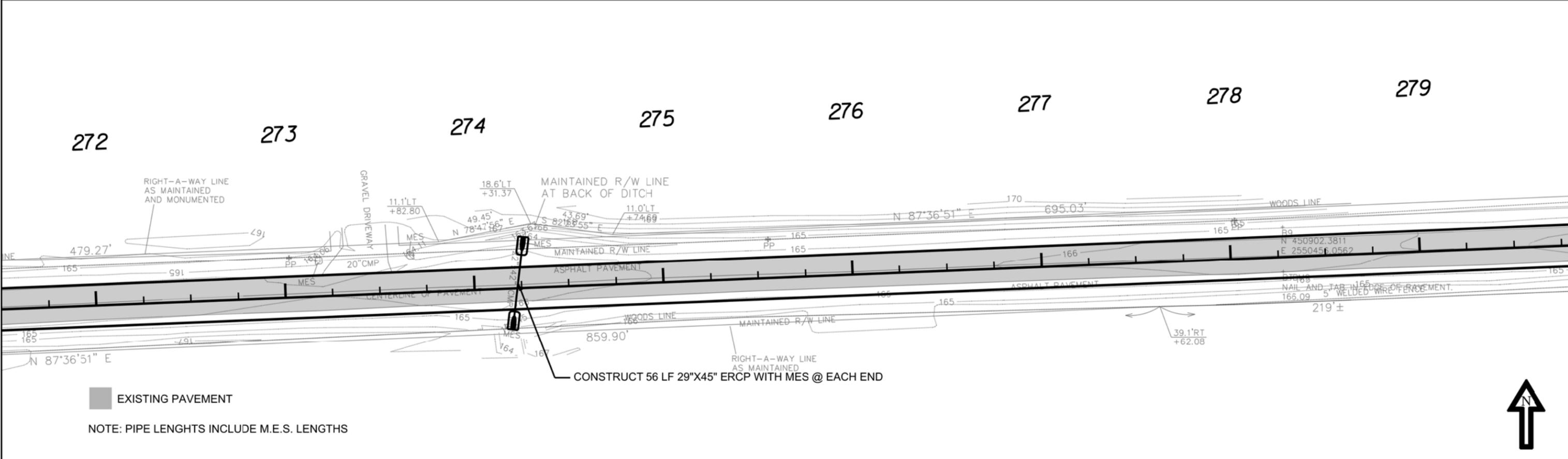
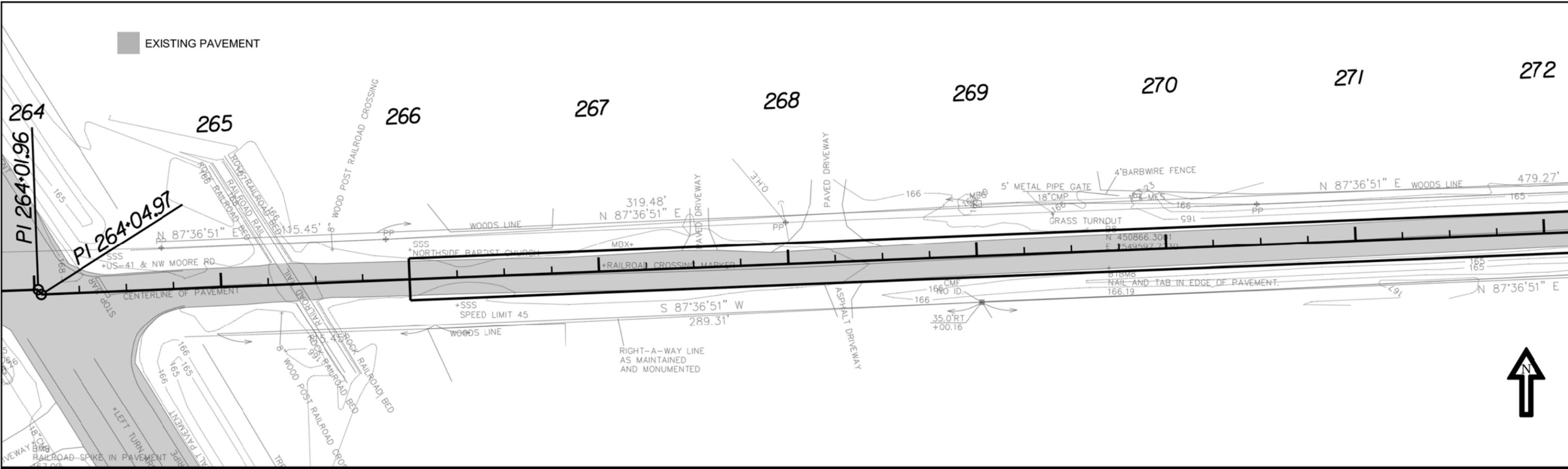
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PLAN SHEET

SHEET NO.
14



REVISIONS	
DATE	DESCRIPTION

COLUMBIA COUNTY
BOARD OF COUNTY
COMMISSIONERS



NE MOORE RD

PLAN SHEET

SHEET NO.
15



276

277

278

279

280

281

282

PC 281+77.75

POT 282+1040

PT 282+0019

CONSTRUCT 76 LF 29"X45" ERCP WITH MES @ EACH END

DELTA = 40° 23' 49" (LT)
D = 180° 00' 00"

EXISTING PAVEMENT

NOTE: PIPE LENGTHS INCLUDE M.E.S. LENGTHS



REVISIONS	
DATE	DESCRIPTION

COLUMBIA COUNTY
BOARD OF COUNTY
COMMISSIONERS



NE MOORE RD

PLAN SHEET

SHEET NO.
16