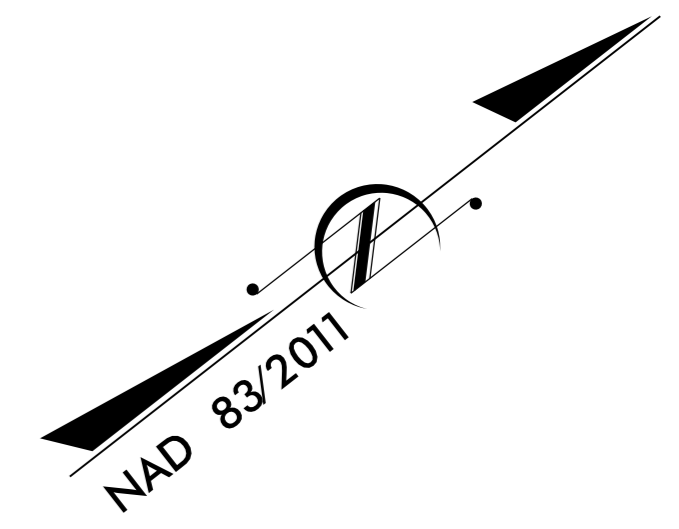


STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5206X	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45336.1.24	HSIP-0301(34)	PE	
45336.2.FR24	HSIP-0301(34)	ROW, UTILS	
45336.3.FR24	HSIP-0301(34)	CONSTR	

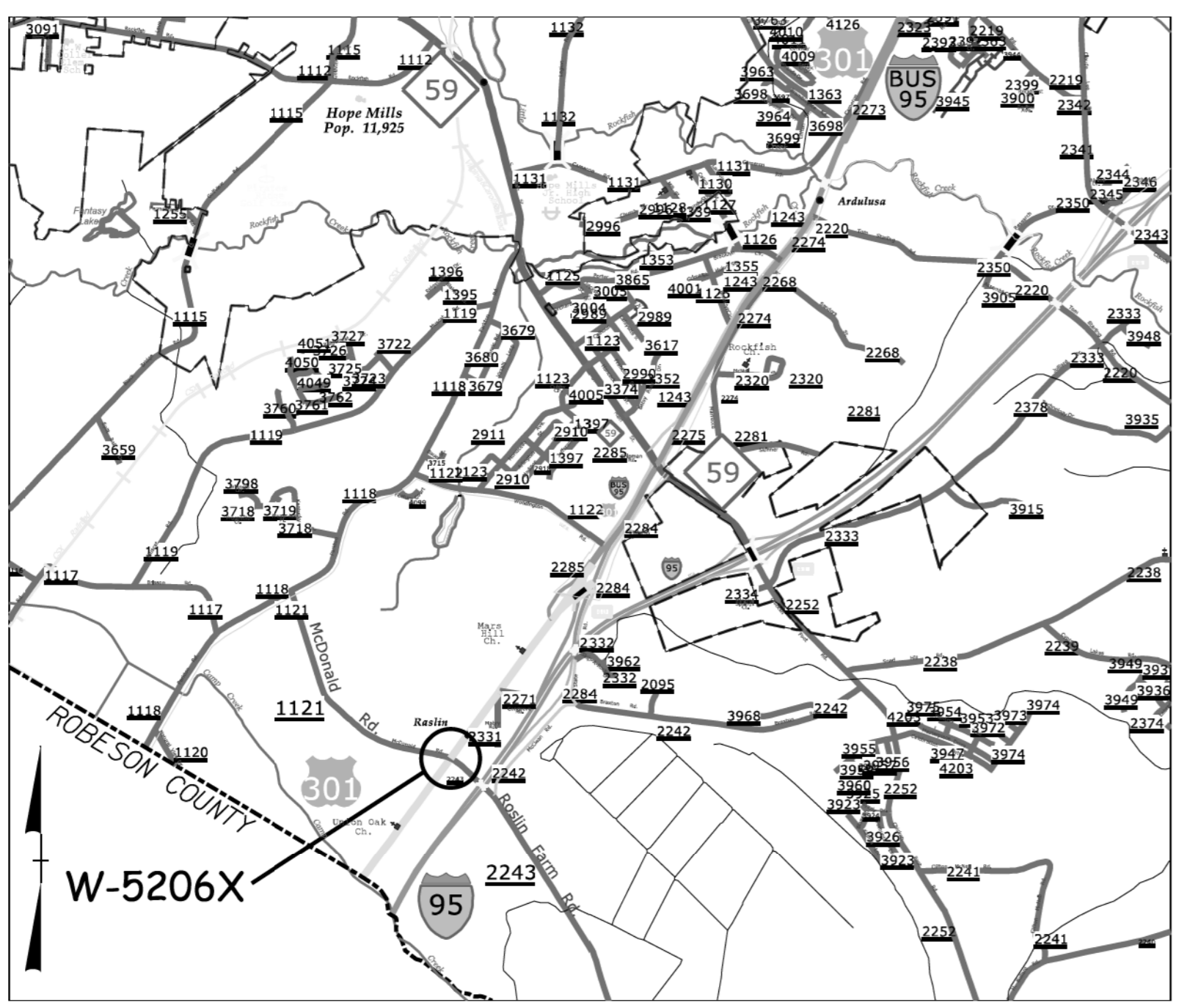


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

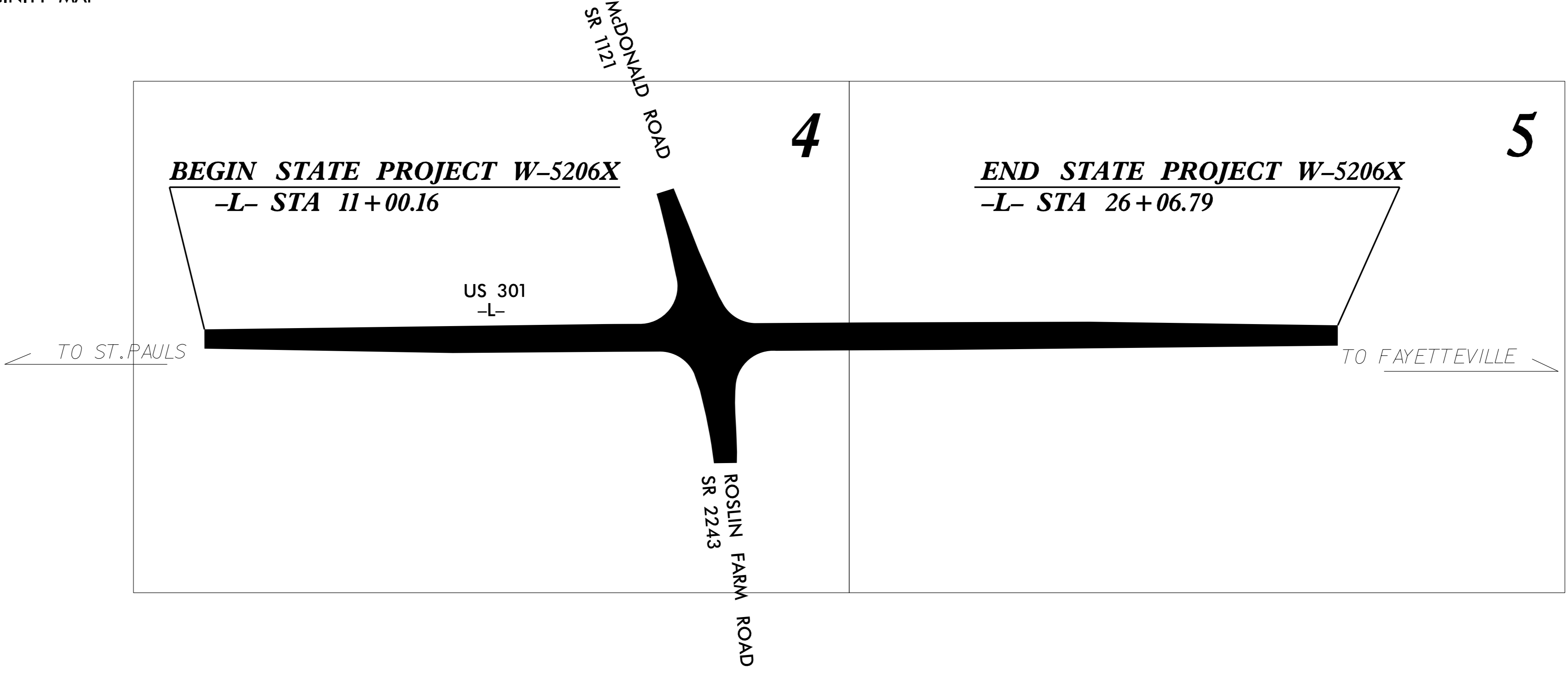
# CUMBERLAND COUNTY

**LOCATION: US 301 AT McDONALD ROAD (SR 1121)  
AND ROSLIN FARM ROAD (SR 2243)**

**TYPE OF WORK: GRADING, PAVING, WIDENING, CONCRETE ISLANDS  
AND PAVEMENT MARKINGS**



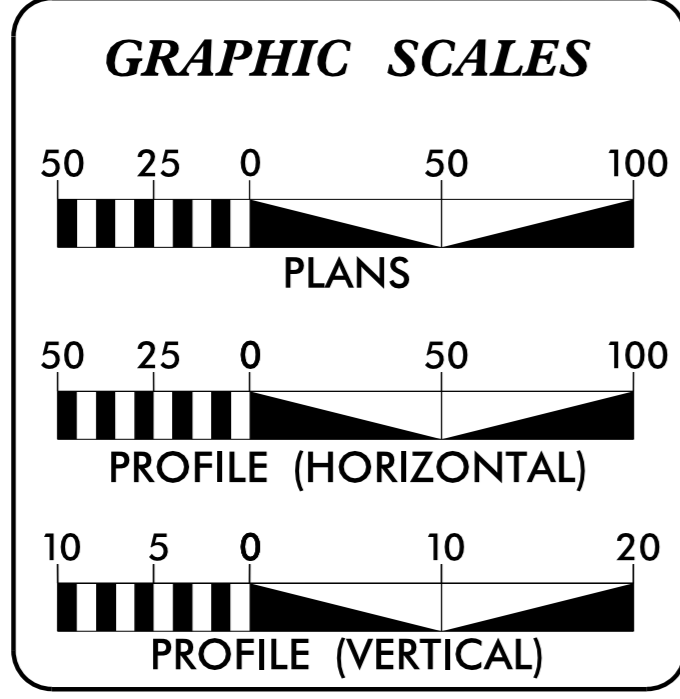
VICINITY MAP



**TIP PROJECT: W-5206X**

**45336.3.FR24**

**WBS:**



**DESIGN DATA**

ADT (2012) = 7200

V = 60 MPH

**PROJECT LENGTH**

TOTAL LENGTH OF STATE PROJECT W-5206X = 0.326mi

Prepared in the Office of:  
**DIVISION OF HIGHWAYS**  
431 Transportation Dr., Fayetteville, NC 28301

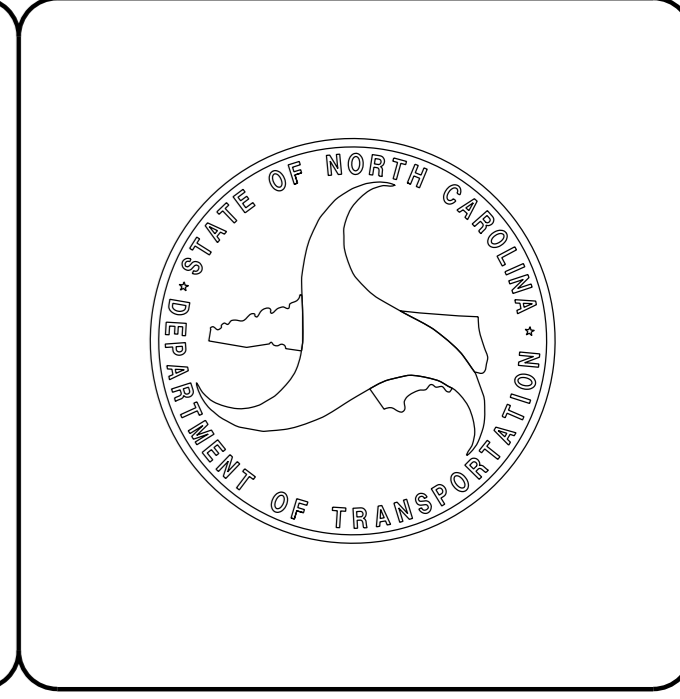
2012 STANDARD SPECIFICATIONS

**RIGHT OF WAY DATE:**  
FEBRUARY 14, 2014

**LETTING DATE:**  
FEBRUARY 18, 2015

**SEAN MATUSZEWSKI**  
PROJECT ENGINEER

**NEIL BUTLER**  
PROJECT DESIGN ENGINEER



23-DEC-2014 07:17 H:\DDC\Projects\W-5206X US 301at McDonald and Roslin Farm Roads\Cumberland Co\Roadway\proj\W5206X-Rdy-1.sh.dgn \$\$\$USERNAME\$\$\$

12/05/11

Note: Not to Scale

\*S.U.E. = Subsurface Utility Engineering

# CONVENTIONAL PLAN SHEET SYMBOLS

## BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin	○ EP
Property Corner	----->
Property Monument	□ ECM
Parcel/Sequence Number	①23
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	--- MLB
Proposed Wetland Boundary	--- MLB
Existing Endangered Animal Boundary	--- EAB
Existing Endangered Plant Boundary	--- EPB
Known Soil Contamination: Area or Site	☠
Potential Soil Contamination: Area or Site	☠?

## BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○ S
Well	○ W
Small Mine	✕
Foundation	▭
Area Outline	▭
Cemetery	▭ †
Building	▭
School	▭
Church	▭
Dam	▭

## HYDROLOGY:

Stream or Body of Water	-----
Hydro, Pool or Reservoir	▭
Jurisdictional Stream	--- JS
Buffer Zone 1	--- BZ 1
Buffer Zone 2	--- BZ 2
Flow Arrow	←
Disappearing Stream	→
Spring	○
Wetland	✕
Proposed Lateral, Tail, Head Ditch	▭
False Sump	▭

## RAILROADS:

Standard Gauge	-----
RR Signal Milepost	○ CSX TRANSPORTATION MILEPOST 35
Switch	□ SWITCH
RR Abandoned	-----
RR Dismantled	-----

## RIGHT OF WAY:

Baseline Control Point	◆
Existing Right of Way Marker	△
Existing Right of Way Line	-----
Proposed Right of Way Line	----- RW
Proposed Right of Way Line with Iron Pin and Cap Marker	----- RW
Proposed Right of Way Line with Concrete or Granite RW Marker	----- RW
Proposed Control of Access Line with Concrete CA Marker	----- CA
Existing Control of Access	----- CA
Proposed Control of Access	----- CA
Existing Easement Line	--- E
Proposed Temporary Construction Easement	--- E
Proposed Temporary Drainage Easement	--- TDE
Proposed Permanent Drainage Easement	--- PDE
Proposed Permanent Drainage / Utility Easement	--- DUE
Proposed Permanent Utility Easement	--- PUE
Proposed Temporary Utility Easement	--- TUE
Proposed Aerial Utility Easement	--- AUE
Proposed Permanent Easement with Iron Pin and Cap Marker	◆

## ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	--- C
Proposed Slope Stakes Fill	--- F
Proposed Curb Ramp	○ CR
Existing Metal Guardrail	▭
Proposed Guardrail	▭
Existing Cable Guiderail	▭
Proposed Cable Guiderail	▭
Equality Symbol	⊕
Pavement Removal	▭

## VEGETATION:

Single Tree	☼
Single Shrub	☼
Hedge	~~~~~
Woods Line	~~~~~

Orchard	☼☼☼☼
Vineyard	▭ Vineyard

## EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	▭ CONC
Bridge Wing Wall, Head Wall and End Wall	▭ CONC WW
MINOR:	
Head and End Wall	▭ CONC HW
Pipe Culvert	▭
Footbridge	▭
Drainage Box: Catch Basin, DI or JB	▭ CB
Paved Ditch Gutter	-----
Storm Sewer Manhole	○
Storm Sewer	---

## UTILITIES:

POWER:	
Existing Power Pole	●
Proposed Power Pole	○
Existing Joint Use Pole	●
Proposed Joint Use Pole	○
Power Manhole	⊕
Power Line Tower	⊗
Power Transformer	⊗
U/G Power Cable Hand Hole	▭
H-Frame Pole	●
Recorded U/G Power Line	--- P
Designated U/G Power Line (S.U.E.*)	--- P

## TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	⊕
Telephone Booth	▭
Telephone Pedestal	▭
Telephone Cell Tower	⊕
U/G Telephone Cable Hand Hole	▭
Recorded U/G Telephone Cable	--- T
Designated U/G Telephone Cable (S.U.E.*)	--- T
Recorded U/G Telephone Conduit	--- TC
Designated U/G Telephone Conduit (S.U.E.*)	--- TC
Recorded U/G Fiber Optics Cable	--- T FO
Designated U/G Fiber Optics Cable (S.U.E.*)	--- T FO

## WATER:

Water Manhole	⊕
Water Meter	○
Water Valve	⊗
Water Hydrant	⊕
Recorded U/G Water Line	--- W
Designated U/G Water Line (S.U.E.*)	--- W
Above Ground Water Line	--- A/G Water

## TV:

TV Satellite Dish	☼
TV Pedestal	▭
TV Tower	⊗
U/G TV Cable Hand Hole	▭
Recorded U/G TV Cable	--- TV
Designated U/G TV Cable (S.U.E.*)	--- TV
Recorded U/G Fiber Optic Cable	--- TV FO
Designated U/G Fiber Optic Cable (S.U.E.*)	--- TV FO

## GAS:

Gas Valve	◇
Gas Meter	⊕
Recorded U/G Gas Line	--- G
Designated U/G Gas Line (S.U.E.*)	--- G
Above Ground Gas Line	--- A/G Gas

## SANITARY SEWER:

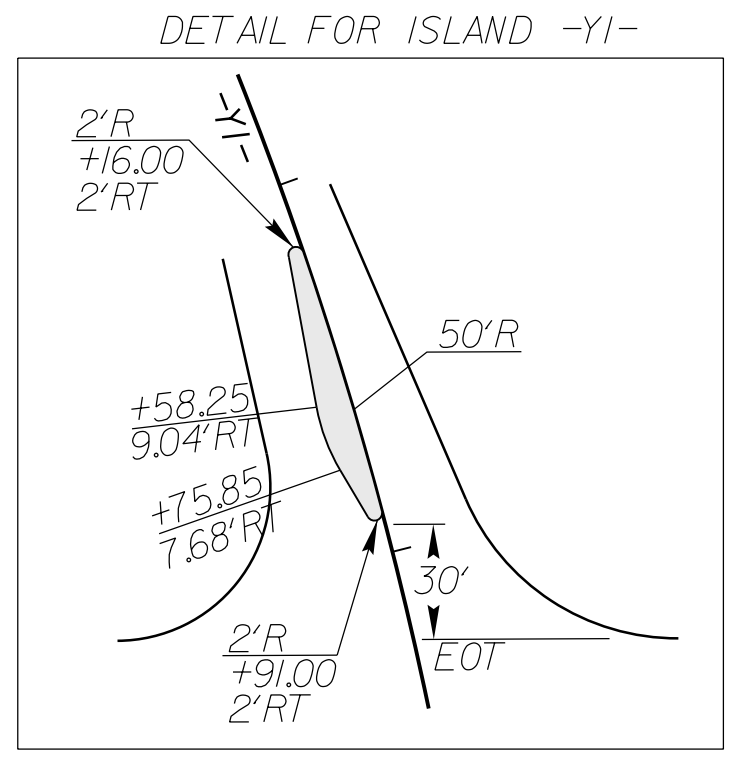
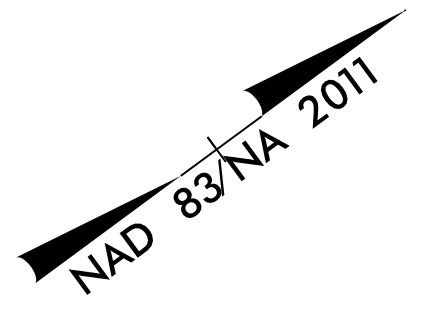
Sanitary Sewer Manhole	⊕
Sanitary Sewer Cleanout	⊕
U/G Sanitary Sewer Line	--- SS
Above Ground Sanitary Sewer	--- A/G Sanitary Sewer
Recorded SS Forced Main Line	--- FSS
Designated SS Forced Main Line (S.U.E.*)	--- FSS

## MISCELLANEOUS:

Utility Pole	●
Utility Pole with Base	▭
Utility Located Object	○
Utility Traffic Signal Box	▭
Utility Unknown U/G Line	--- ?UTL
U/G Tank; Water, Gas, Oil	▭
Underground Storage Tank, Approx. Loc.	▭
A/G Tank; Water, Gas, Oil	▭
Geoenvironmental Boring	⊕
U/G Test Hole (S.U.E.*)	⊕
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.

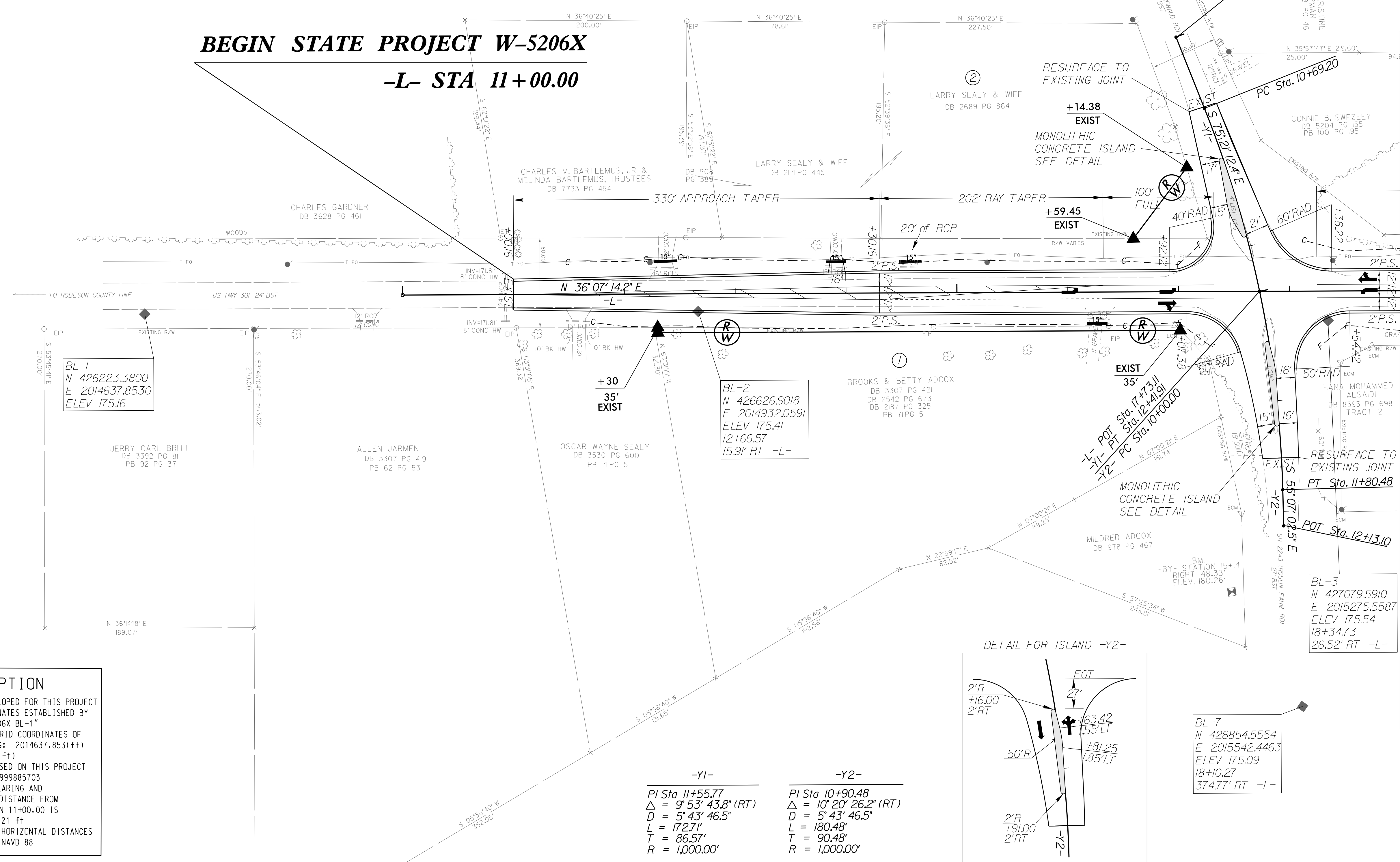






BL-6  
 N 427145.6942  
 E 2014952.5760  
 ELEV 175.09  
 16+97.73  
 273.34 LT -L-

**BEGIN STATE PROJECT W-5206X**  
**-L- STA 11+00.00**

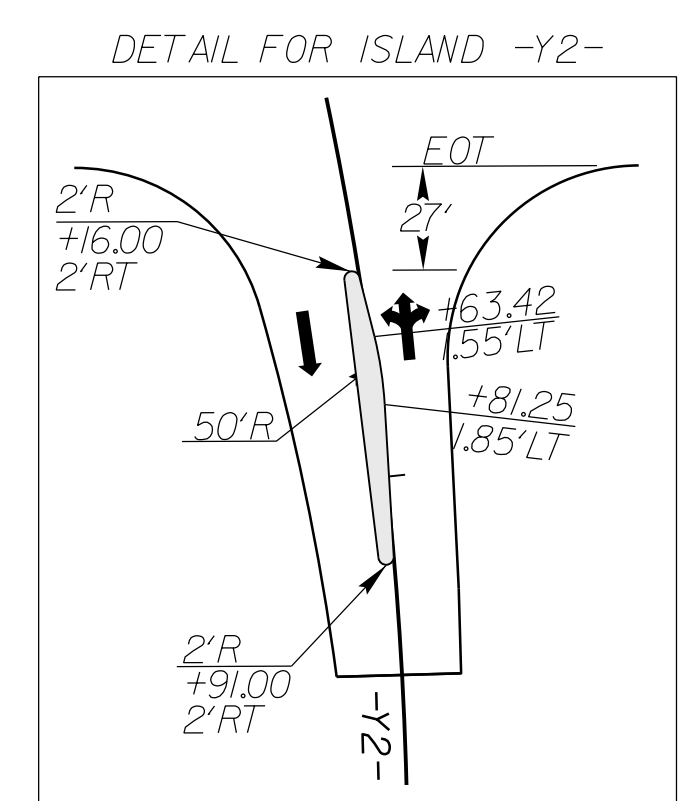


BL-1  
 N 426223.3800  
 E 2014637.8530  
 ELEV 175.16

BL-2  
 N 426626.9018  
 E 2014932.0591  
 ELEV 175.41  
 12+66.57  
 15.9' RT -L-

BL-3  
 N 427079.5910  
 E 2015275.5587  
 ELEV 175.54  
 18+34.73  
 26.52' RT -L-

BL-7  
 N 426854.5554  
 E 2015542.4463  
 ELEV 175.09  
 18+10.27  
 374.77' RT -L-



-Y1-  
 PI Sta 11+55.77  
 $\Delta = 9' 53' 43.8'' (RT)$   
 $D = 5' 43' 46.5''$   
 $L = 172.71'$   
 $T = 86.57'$   
 $R = 1,000.00'$

-Y2-  
 PI Sta 10+90.48  
 $\Delta = 10' 20' 26.2'' (RT)$   
 $D = 5' 43' 46.5''$   
 $L = 180.48'$   
 $T = 90.48'$   
 $R = 1,000.00'$

**DATUM DESCRIPTION**  
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "W5206X BL-1" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 426223.3801(FT) EASTING: 2014637.8531(FT) ELEVATION: 175.16(FT) THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999885703 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "W5206X BL-1" TO -L- STATION 11+00.00 IS N 33°20'48.05" E 333.21 FT ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES VERTICAL DATUM USED IS NAVD 88

REVISIONS

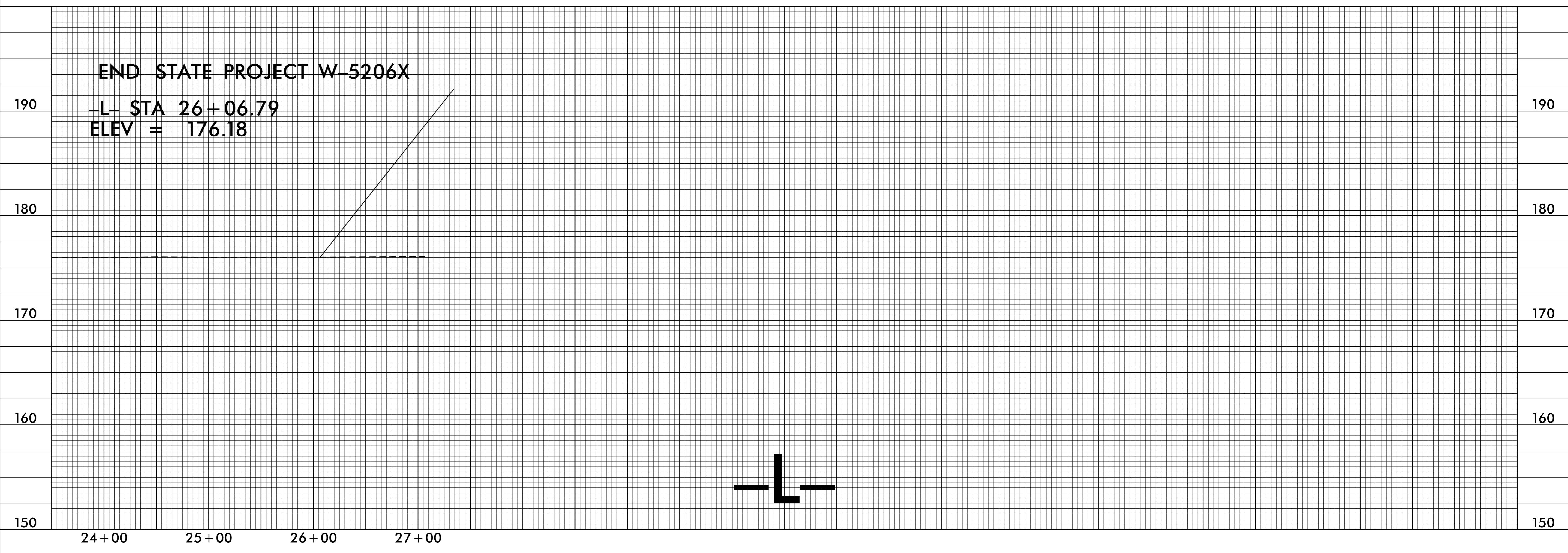
8/17/99

29-DEC-2014 17:07:11 P:\Roadway\proj\W5206X.Rdw.psh-4.dgn  
 16:41:23  
 16:41:23

MATCHLINE -L- STA 19+00.00 SHEET 5



5/28/99



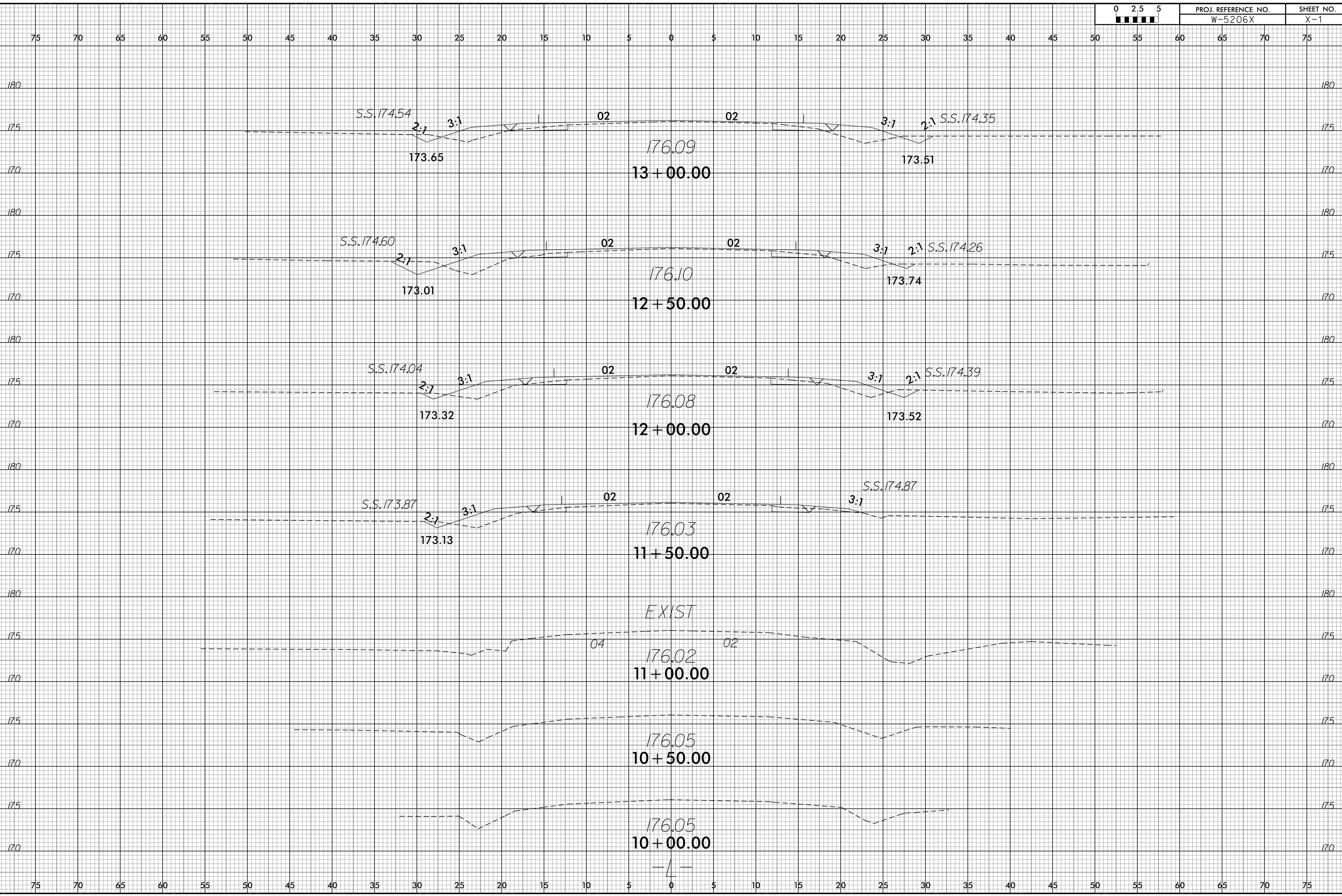
23 DEC 2014 14:55  
 C:\Users\jmc\Documents\Projects\W-5206X\W-5206X.Rdy.pfl\_sht\_6.dgn  
 11:55:46 AM

8/23/99



PROJ. REFERENCE NO.  
W-5206X

SHEET NO.  
X-1



23-DEC-2014 11:53  
 H:\DOC\Projects\W-5206X US 301 at McDonald and Roslin Farm Roads\Cumber-land Co\Roadway\Xsc\W5206X\_Rdy\_xpl.dgn  
 \$\$\$\$\$\$USER\$\$\$\$\$





PROJ. REFERENCE NO.  
W-5206X

SHEET NO.  
X-2

