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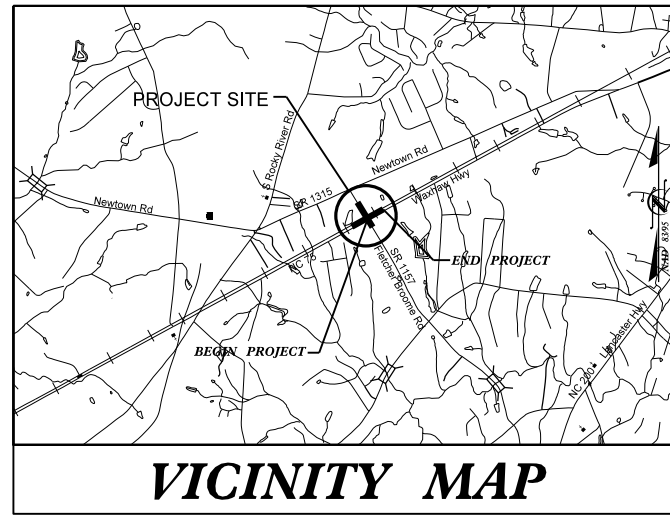
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with their signature on that page.**

**This file or an individual page
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STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	Y-4810H	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
40325.1.43	STP-1176(6)	PE	
40325.2.43	STP-1176(6)	R/W & UTILITY	
40325.3.F43	STP-1176(6)	CONST	

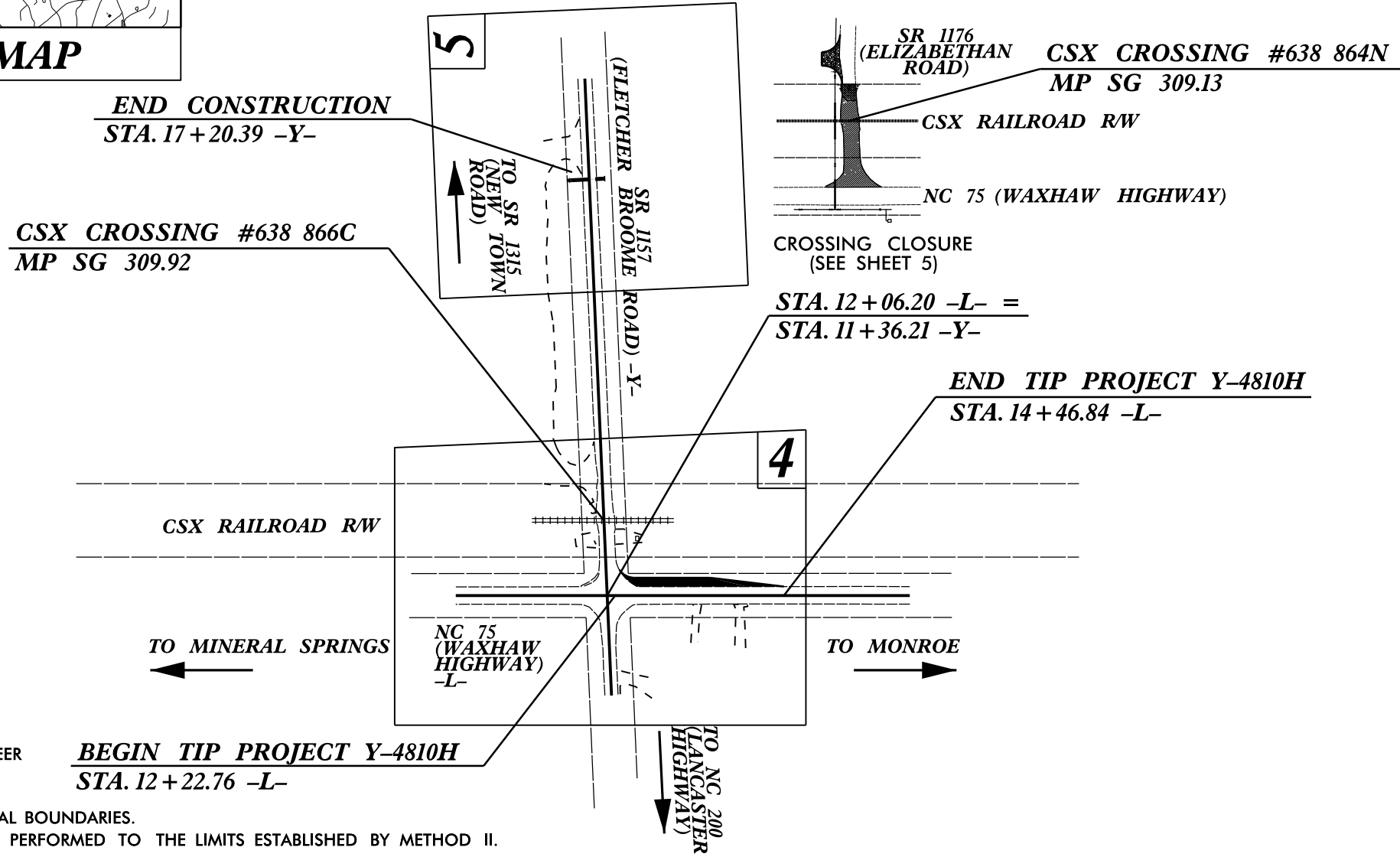
STATE OF NORTH CAROLINA
RAIL DIVISION
UNION COUNTY

See Sheet 1-A For Index Of Sheets
See Sheet 1-B For Conventional Symbols



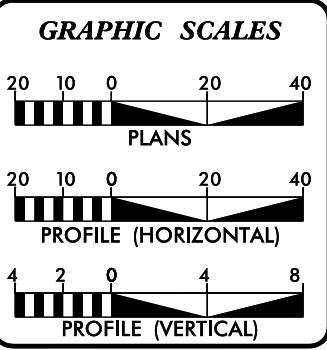
**LOCATION: NC 75 (WAXHAW HIGHWAY) AT FLETCHER BROOME ROAD (SR-1157)
AND NC 75 (WAXHAW HIGHWAY) AT ELIZABETHAN ROAD (SR-1176)**

TYPE OF WORK: GRADING, DRAINAGE, PAVING, SIGNING, THERMOPLASTIC PAVEMENT MARKINGS, AND UTILITY ADJUSTMENTS.



NCDOT RAIL DIVISION CONTACT:
DANIEL HAVENER, PE - PROJECT ENGINEER
(919) 715-8797

THIS PROJECT IS NOT WITHIN MUNICIPAL BOUNDARIES.
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.



DESIGN DATA

ADT NA	=	NA
ADT NA	=	NA
DHV	=	NA
D	=	NA
T	=	NA *
V	=	NA
* TTST	=	NA DUAL NA
FUNC CLASS	=	RURAL COLLECTOR

PROJECT LENGTH

LENGTH ROADWAY TIP PROJECT Y-4810H	=	0.04 MILES
TOTAL LENGTH TIP PROJECT Y-4810H	=	0.04 MILES

Prepared for NCDOT In the Office of:

AMERICAN Engineering
AMERICAN ENGINEERING ASSOCIATES - SOUTHEAST, PA
8008 CORPORATE CENTER DRIVE, SUITE 110
CHARLOTTE, NC 28226
704-575-2438
NC LICENSE NUMBER C-3881

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE: JUNE 28, 2013
LETTING DATE: JUNE 21, 2017

ALLISON C. JOHNSON, P.E.
PROJECT ENGINEER

CHRISTOPHER J. EASTERLY, P.E.
PROJECT DESIGN ENGINEER

HYDRAULICS ENGINEER

SIGNATURE: _____ P.E.

ROADWAY DESIGN ENGINEER APPROVAL

DocuSigned by:
Donnell Griffith
7153CE23E21843E...
SIGNATURE:

**DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA**

STATE HIGHWAY DESIGN ENGINEER P.E.

30-MAY-2017 16:08 S:\DDC\Justin\Union\NC 75 at Fletcher Broome and Elizabethan\Y4810H_Rdy_tsh.dgn disimpson AT D:\D\VCAD2713

CONTRACT: 40325.3.F43 **TIP PROJECT: Y-4810H**

PROJECT REFERENCE NO.	SHEET NO.
Y-4810H	I-A
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

STATE OF NORTH CAROLINA RAIL DIVISION

INDEX OF SHEETS

SHEET NO.	SHEET
1	TITLE SHEET
1-A	INDEX OF SHEETS, GENERAL NOTES AND LIST OF STANDARDS
1-B	CONVENTIONAL SYMBOLS
2	PAVEMENT SCHEDULE AND TYPICAL SECTIONS
3	SUMMARY OF ROW
4	PLAN SHEET
5	PLAN SHEET
6	PROFILE SHEET
7	PROFILE SHEET
EC-1 THRU EC-3	EROSION CONTROL PLANS
TCP-1 THRU TCP-2	TRAFFIC CONTROL PLANS
X-1 THRU X-2	CROSS SECTIONS

GENERAL NOTES:

2012 SPECIFICATIONS
EFFECTIVE: 01-17-12
REVISED:

GRADE LINE:
GRADING AND SURFACING:

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. GRADE LINES MAY BE ADJUSTED AT THEIR BEGINNING AND ENDING AND AT STRUCTURES AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

CLEARING:

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.

UTILITIES:

ANY RELOCATION OF EXISTING UTILITIES WILL BE ACCOMPLISHED BY OTHERS.

EFF. 01-17-12

2012 ROADWAY STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., Dated July 18, 2006 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO.	TITLE
DIVISION 2 - EARTHWORK	
200.02	Method of Clearing - Method II
225.02	Guide for Grading Subgrade - Secondary and Local
DIVISION 5 - SUBGRADE, BASES AND SHOULDERS	
560.01	Method of Shoulder Construction - High Side of Super-elevated Curve - Method I

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 At D:\DVCAD277131

5/14/09

Note: Not to Scale

*S.U.E. = Subsurface Utility Engineering

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

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	-w.l.b.-
Proposed Wetland Boundary	w.l.b.
Existing Endangered Animal Boundary	-e.a.b.-
Existing Endangered Plant Boundary	-e.p.b.-

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	○ 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	-----
Proposed Right of Way Line with Iron Pin and Cap Marker	-----
Proposed Right of Way Line with Concrete or Granite Marker	-----
Existing Control of Access	○ A
Proposed Control of Access	○ A
Existing Easement Line	-----
Proposed Temporary Construction Easement	-----
Proposed Temporary Drainage Easement	-----
Proposed Permanent Drainage Easement	-----
Proposed Permanent Drainage / Utility Easement	-----
Proposed Permanent Utility Easement	-----
Proposed Temporary Utility Easement	-----
Proposed Permanent Easement with Iron Pin and Cap Marker	◆

ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	-----
Proposed Slope Stakes Fill	-----
Proposed Wheel Chair Ramp	○ WCR
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	-----
Bridge Wing Wall, Head Wall and End Wall	-----
MINOR:	
Head and End Wall	-----
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	□ CB
Paved Ditch Gutter	-----
Storm Sewer Manhole	○ S
Storm Sewer	-----

UTILITIES:

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

TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	○ T
Telephone Booth	□
Telephone Pedestal	□
Telephone Cell Tower	⊠
U/G Telephone Cable Hand Hole	□ M.H.
Recorded U/G Telephone Cable	-----
Designated U/G Telephone Cable (S.U.E.*)	-----
Recorded U/G Telephone Conduit	-----
Designated U/G Telephone Conduit (S.U.E.*)	-----
Recorded U/G Fiber Optics Cable	-----
Designated U/G Fiber Optics Cable (S.U.E.*)	-----

WATER:

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

TV:

TV Satellite Dish	⊠
TV Pedestal	□
TV Tower	⊗
U/G TV Cable Hand Hole	□ M.H.
Recorded U/G TV Cable	-----
Designated U/G TV Cable (S.U.E.*)	-----
Recorded U/G Fiber Optic Cable	-----
Designated U/G Fiber Optic Cable (S.U.E.*)	-----

GAS:

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

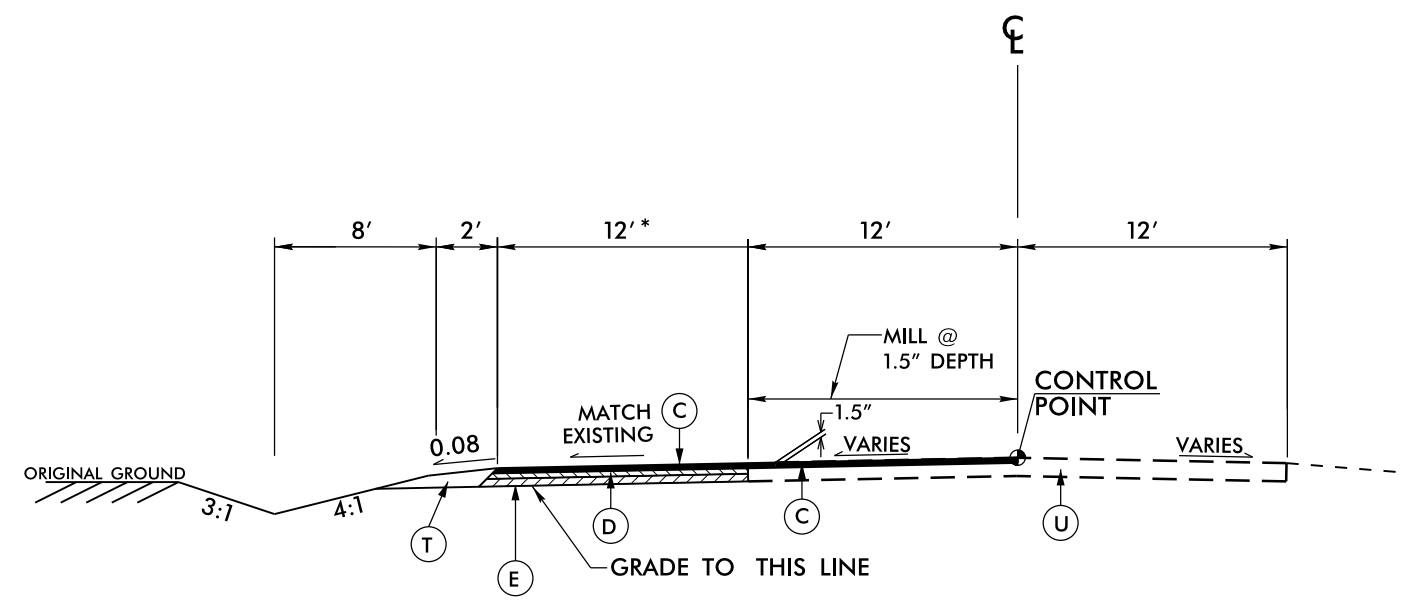
SANITARY SEWER:

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

MISCELLANEOUS:

Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	⊠
Utility Unknown U/G Line	-----
U/G Tank; Water, Gas, Oil	□
A/G Tank; Water, Gas, Oil	□
U/G Test Hole (S.U.E.*)	○
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.

PAVEMENT SCHEDULE	
ITEM	DESCRIPTION
C	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
D	PROP. APPROX. 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
E	PROP. APPROX. 8" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD. IN EACH OF TWO EQUAL LAYERS
T	EARTH MATERIAL
U	EXISTING PAVEMENT

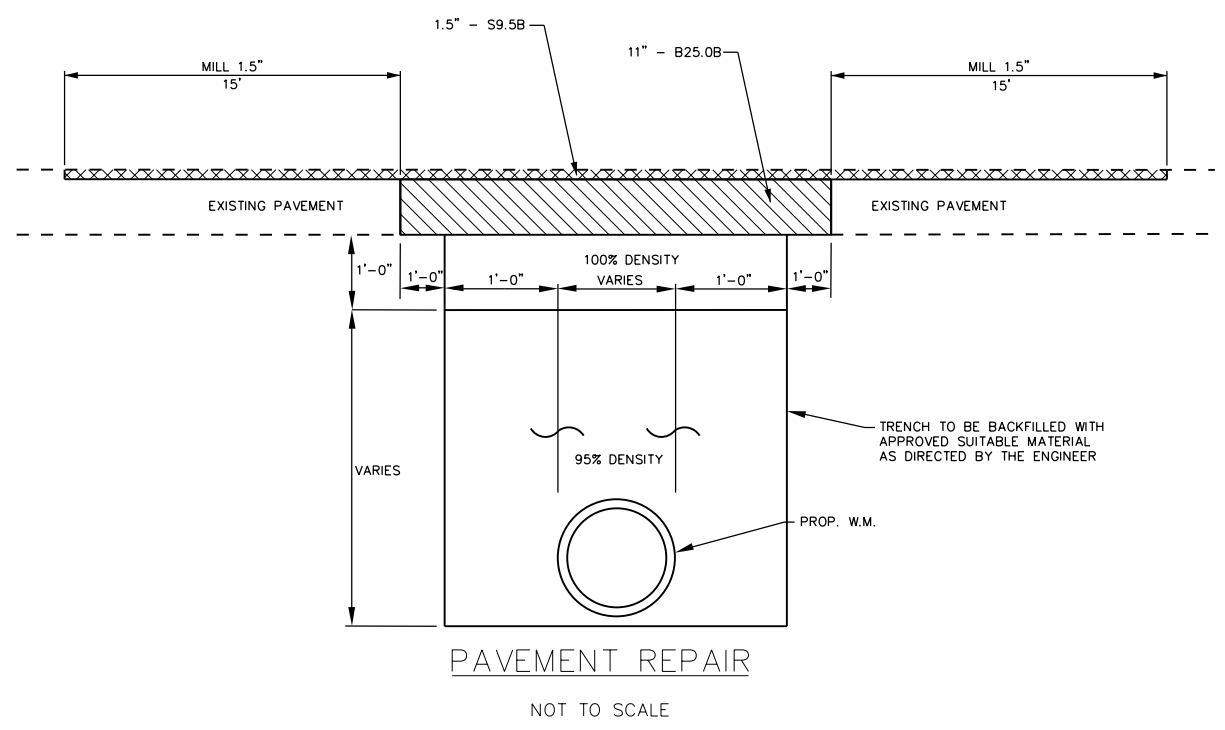


TYPICAL SECTION NO. 1

USE TYPICAL SECTION No. 1
 -L- STA. 12+43.31 TO STA. 13+46.84

*NOTE:
 PAVEMENT WIDTH VARIES
 -L- STA. 12+22.76 TO STA. 12+43.31
 -L- STA. 13+46.84 TO STA. 14+46.84

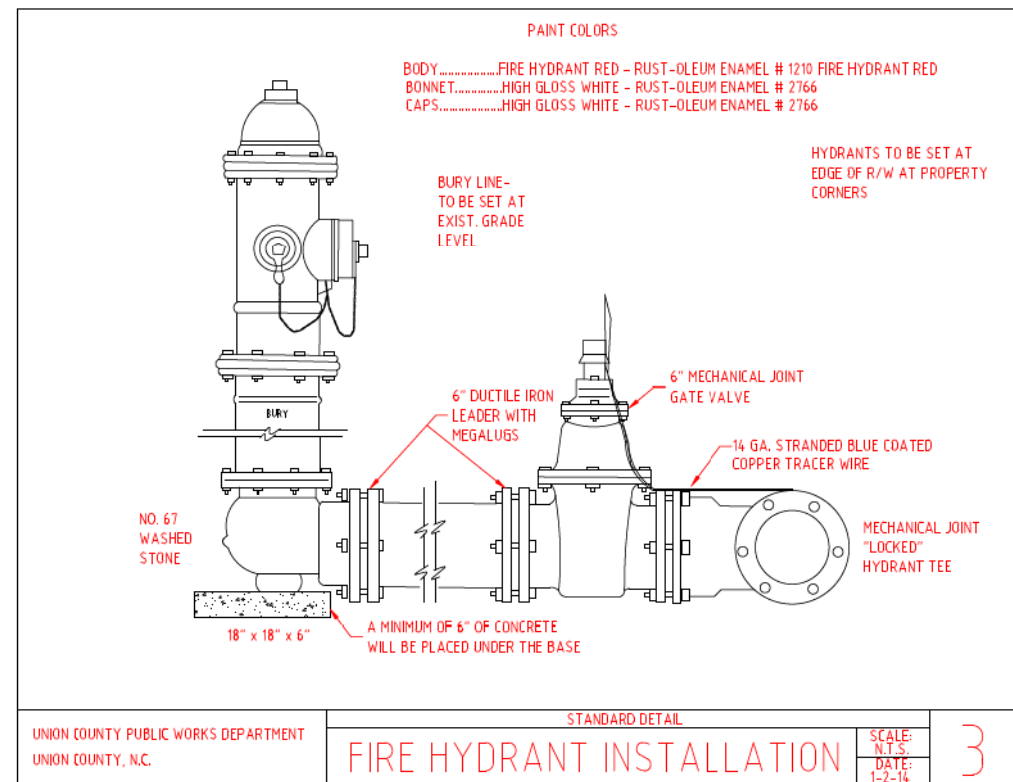
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE



PAVEMENT REPAIR

NOT TO SCALE

NOTE: IF EXISTING PAVEMENT IS UNDERMINED, EXTEND PAVEMENT REMOVAL 1 FOOT BEYOND UNDERMINED PAVEMENT



UNION COUNTY PUBLIC WORKS DEPARTMENT
 UNION COUNTY, N.C.

STANDARD DETAIL
FIRE HYDRANT INSTALLATION

SCALE: N.T.S.
 DATE: 1-2-14

3

6/2/09
 26-MAY-2017 14:28
 St:\BDC\Union\NC_75_01_Fletcher-Broome and Elizabethon\Plans (Revised)\4810H_Rdy_typ.dgn
 clausson 81-D:\MVA\127131

COMPUTED BY: CJE DATE: 12-21-11
 CHECKED BY: ACJ DATE: 12-21-11

STATE OF NORTH CAROLINA
 RAIL DIVISION

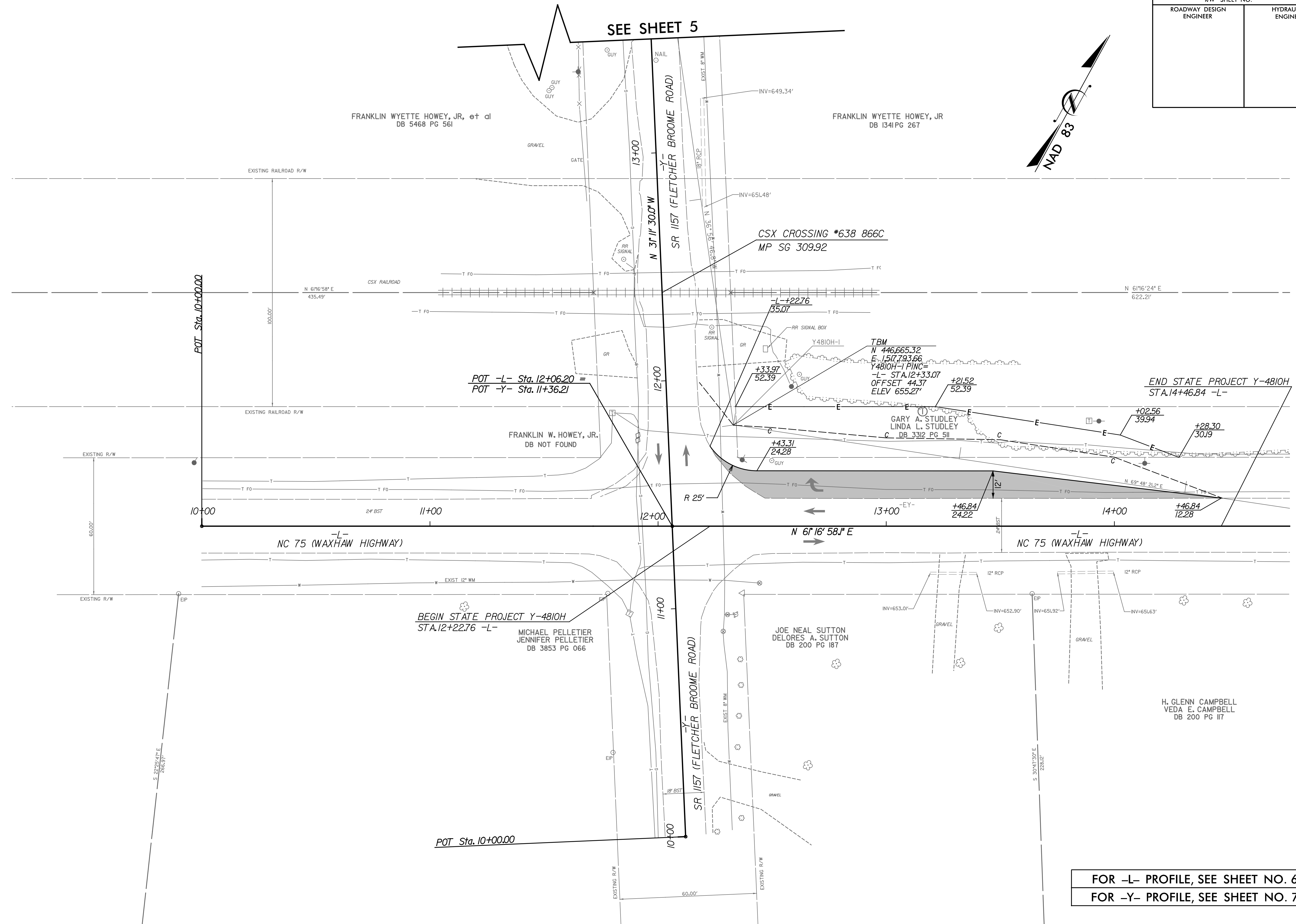
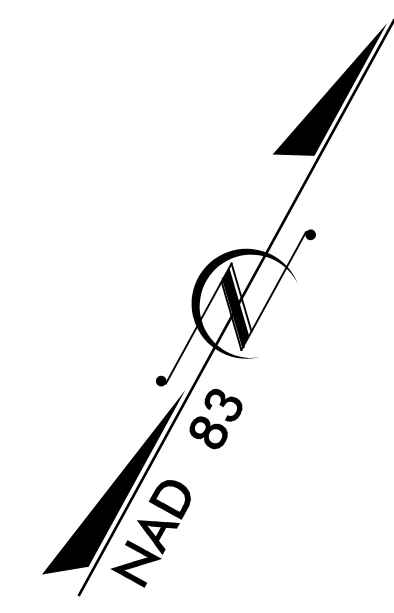
PROJECT REFERENCE NO.	SHEET NO.
Y-4810H	3
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER

RIGHT OF WAY AREA DATA

PARCEL NO.	PROPERTY OWNERS NAMES	TOTAL ACREAGE	AREA TAKEN	AREA REMAINING RT.	AREA REMAINING LT.	CONST. EASE.	PERM. DRAIN. EASE.	TEMP. DRAIN. EASE.
1	GARY A. STUDLEY & LINDA L. STUDLEY	6.41 AC				3,362 FT ²		

PROJECT REFERENCE NO. Y-4810H	SHEET NO. 4
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SEE SHEET 5



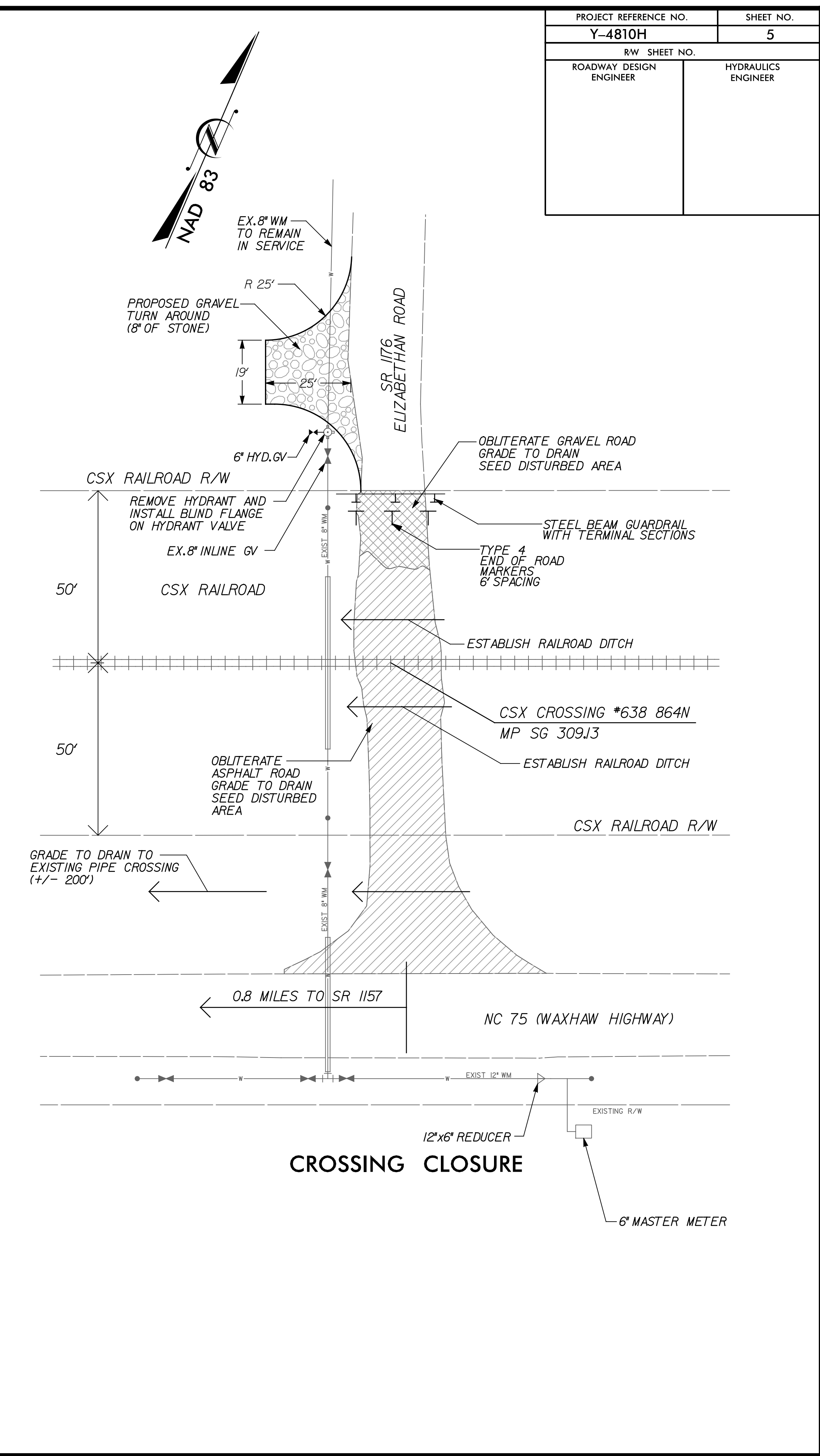
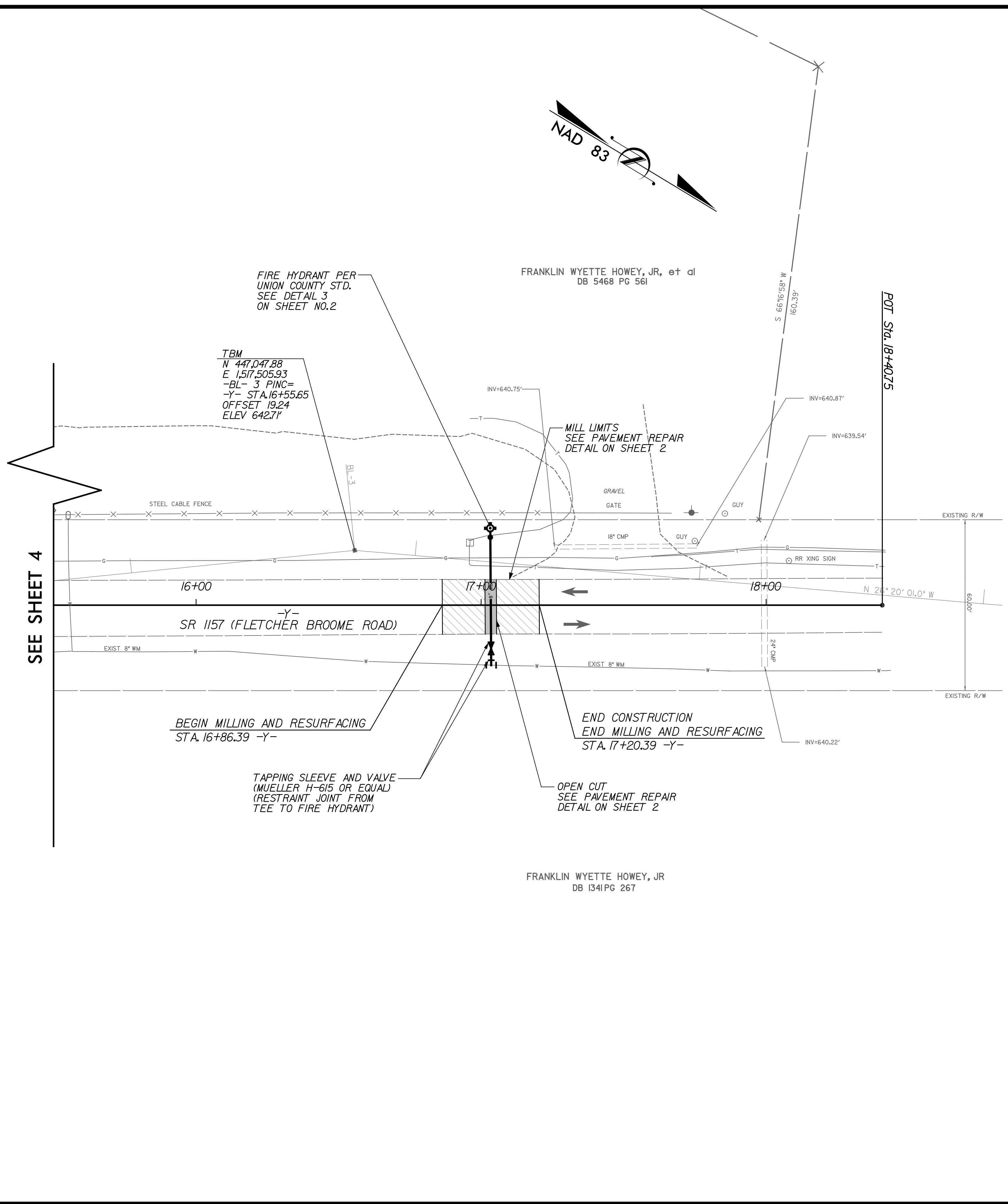
REVISIONS

8/17/99
8/28/2013 Elizabeth.H.Y-4810H.Roadway\Proj\Y4810H_Rdy_psh4.dgn
8/23/2013 Elizabeth.H.Y-4810H.Roadway\Proj\Y4810H_Rdy_psh4.dgn

FOR -L- PROFILE, SEE SHEET NO. 6
FOR -Y- PROFILE, SEE SHEET NO. 7

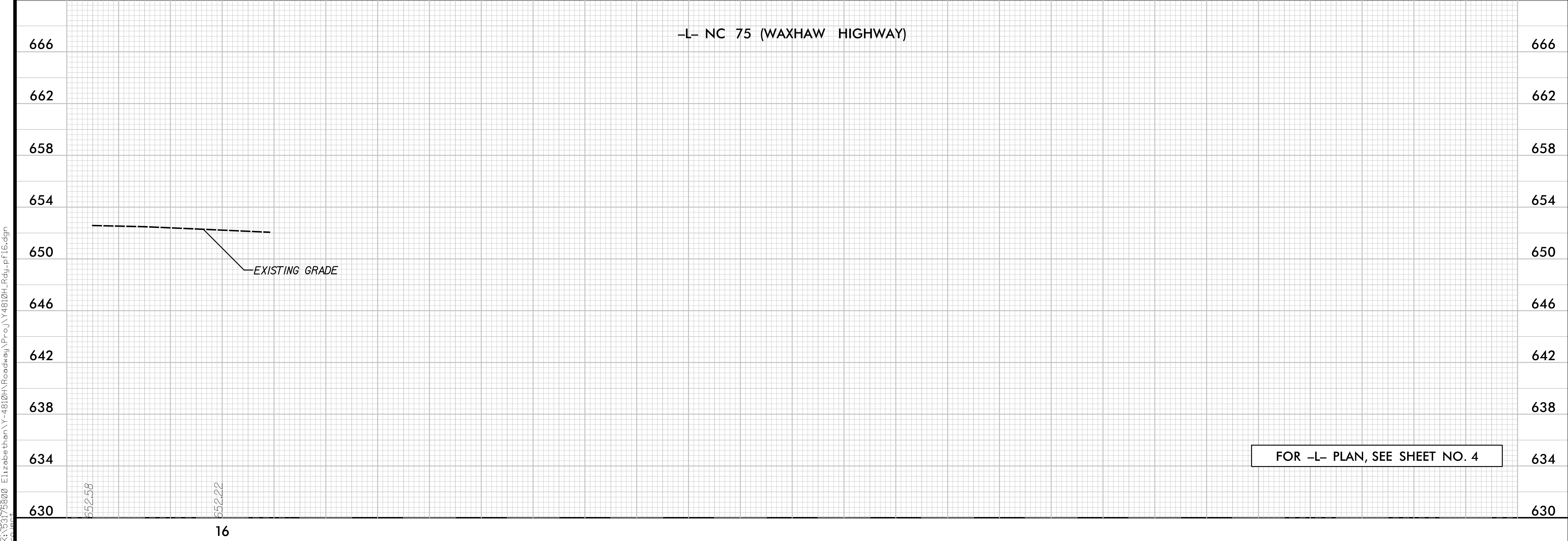
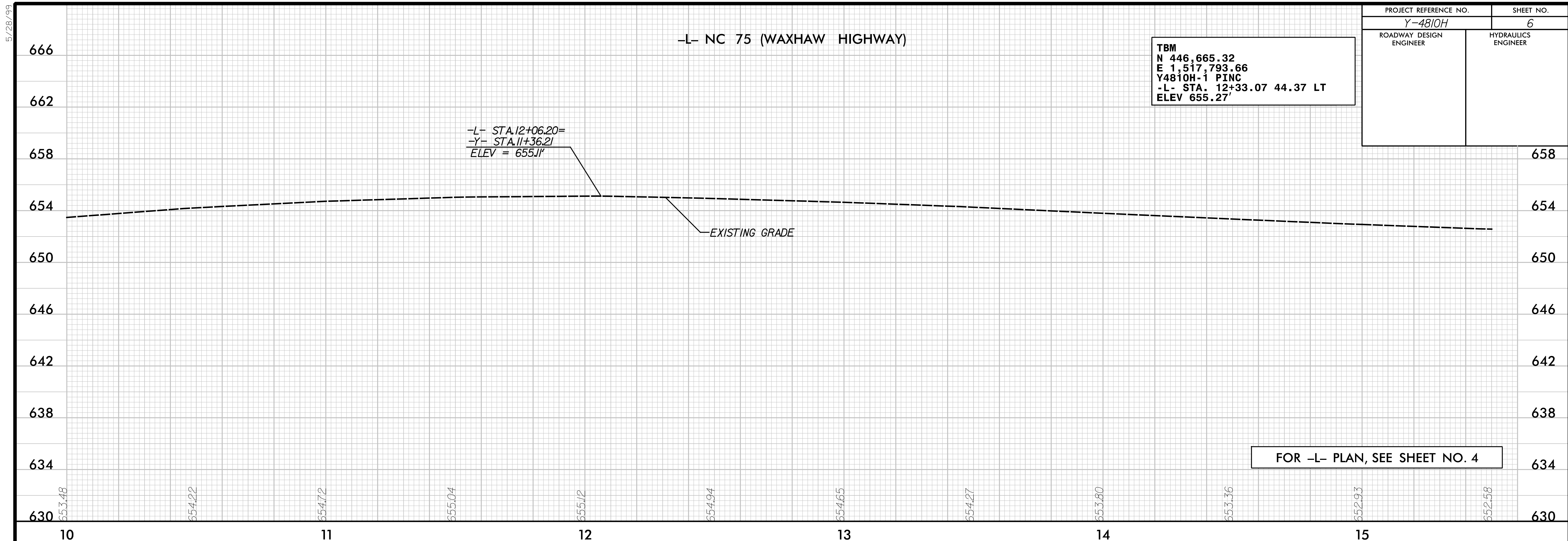
PROJECT REFERENCE NO. Y-4810H	SHEET NO. 5
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

REVISIONS
 8/17/99
 8/28/2018
 Elizabethan\Y-4810H\Roadway\Proj\Y4810H_Rdw_psh5.dgn
 Project



PROJECT REFERENCE NO.	SHEET NO.
Y-4810H	6
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

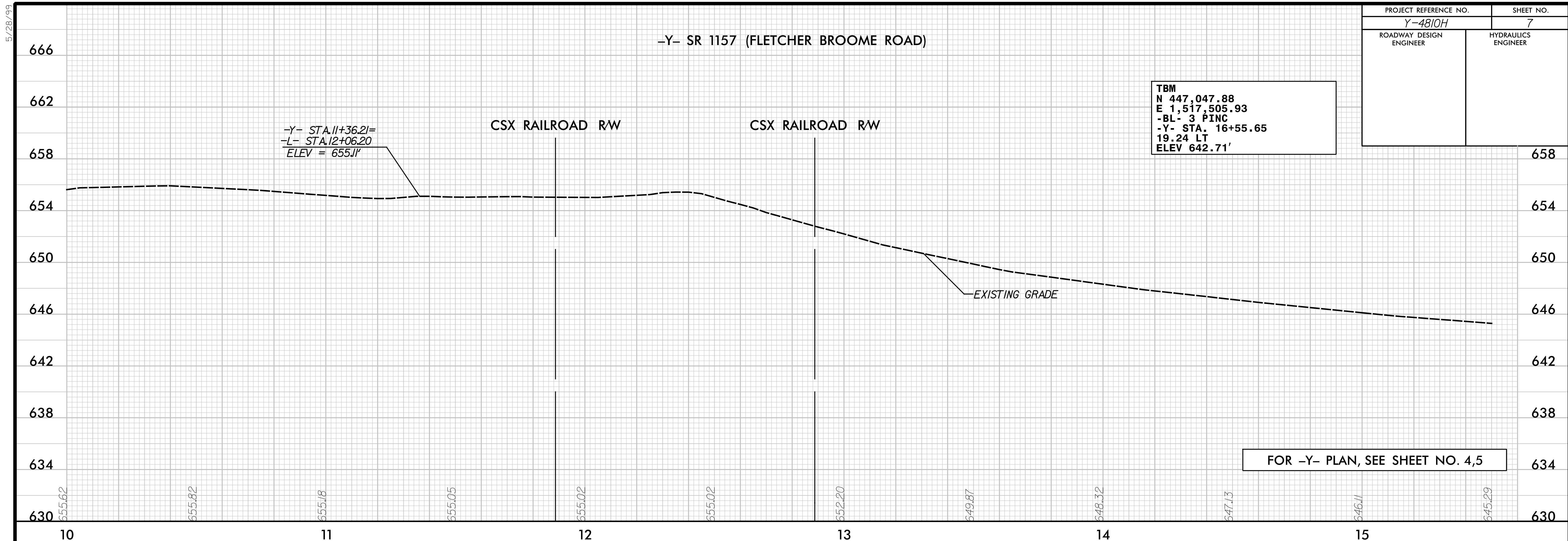
TBM
 N 446,665.32
 E 1,517,793.66
 Y4810H-1 PINC
 -L- STA. 12+33.07 44.37 LT
 ELEV 655.27'



5/28/99
 8/28/00 Elizabethan\Y-4810H\Roadway\Proj\Y4810H_L_Rdgr_pf16.dgn

PROJECT REFERENCE NO.	SHEET NO.
Y-4810H	7
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

TBM
 N 447,047.88
 E 1,517,505.93
 -BL- 3 PINC
 -Y- STA. 16+55.65
 19.24 LT
 ELEV 642.71'



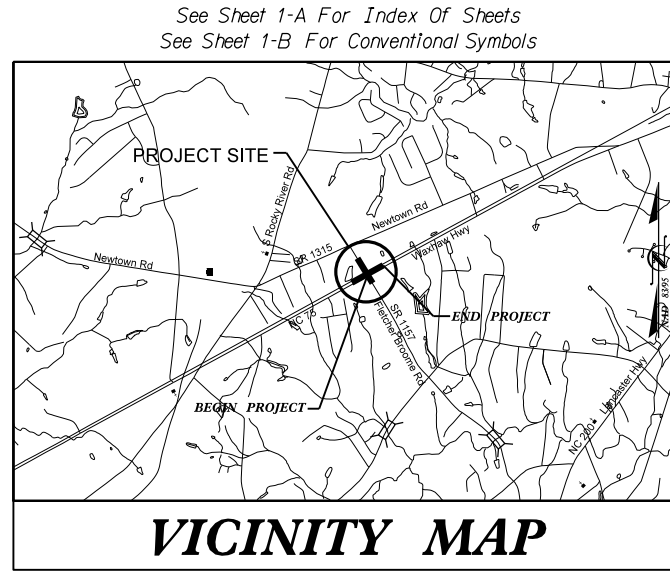
5/28/99
 8/28/00 Elizabethan\Y-4810H\Roadway\Proj\Y4810H_L_Rdy_pf17.dgn

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	Y-4810H	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
40325.1.43	STP-1176(6)	PE	
40325.2.43	STP-1176(6)	RW & UTILITY	
40325.3.F43	STP-1176(6)	CONST	

STATE OF NORTH CAROLINA
RAIL DIVISION

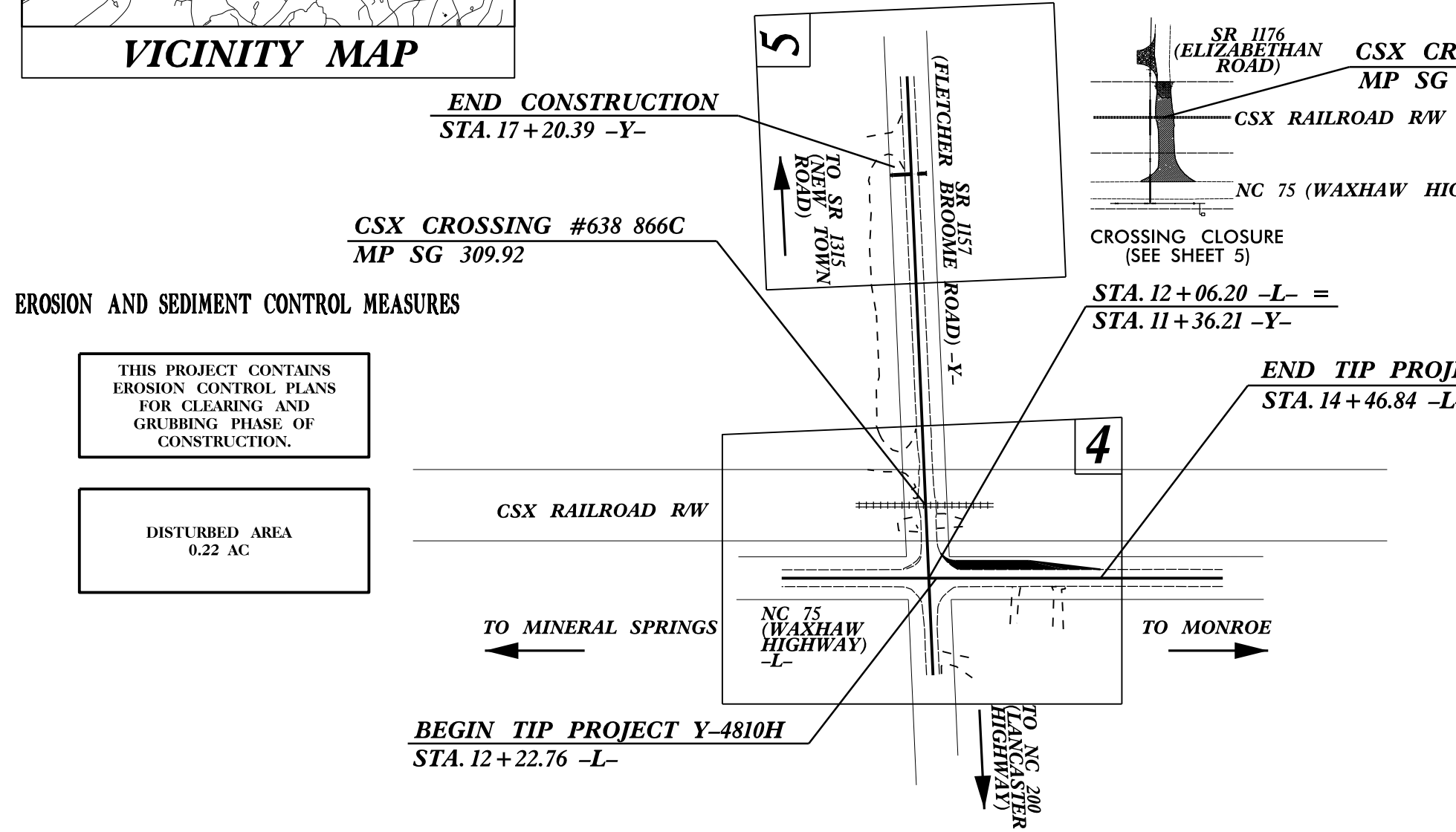
PLAN FOR PROPOSED
ROADWAY EROSION CONTROL
UNION COUNTY

LOCATION: NC 75 (WAXHAW HIGHWAY) AT FLETCHER BROOME ROAD (SR-1157)
AND NC 75 (WAXHAW HIGHWAY) AT ELIZABETHAN ROAD (SR-1176)
TYPE OF WORK: EROSION CONTROL



TIP PROJECT: Y-4810H

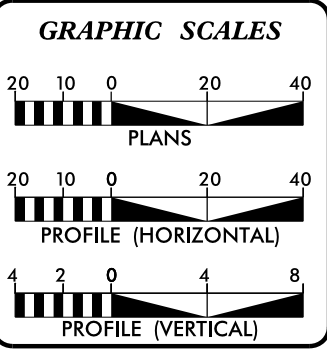
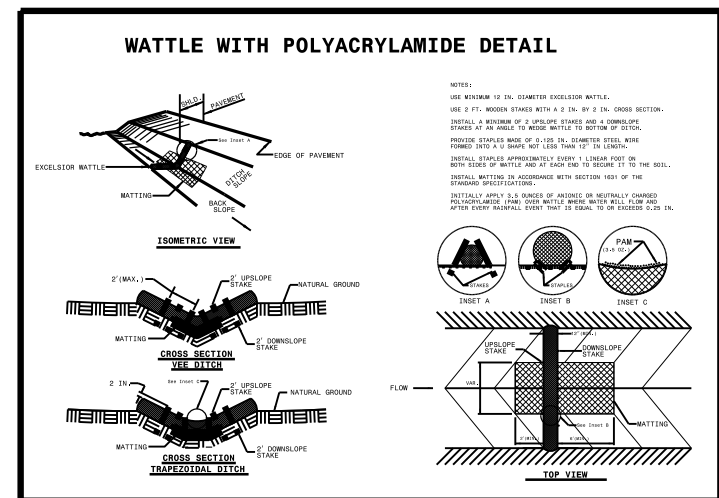
CONTRACT: 40325.3.F43



EROSION AND SEDIMENT CONTROL MEASURES

THIS PROJECT CONTAINS EROSION CONTROL PLANS FOR CLEARING AND GRUBBING PHASE OF CONSTRUCTION.

DISTURBED AREA
0.22 AC



ROADSIDE ENVIRONMENTAL UNIT
RAIL DIVISION
STATE OF NORTH CAROLINA

Prepared in the Office of:
AMERICAN Engineering
AMERICAN ENGINEERING ASSOCIATES - SOUTHEAST, PA
8008 CORPORATE CENTER DRIVE, SUITE 110
CHARLOTTE, NC 28226
704-375-2438
NC LICENSE NUMBER C-3881

2012 STANDARD SPECIFICATIONS

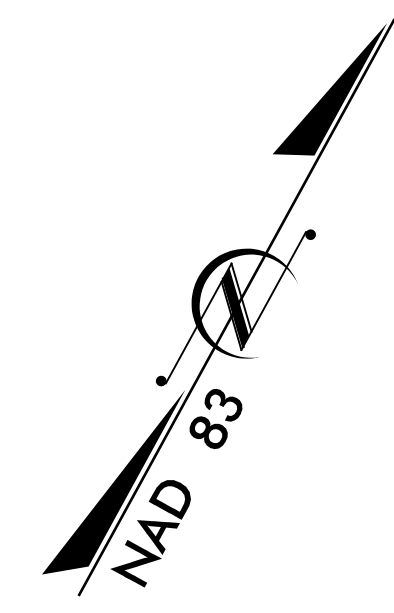
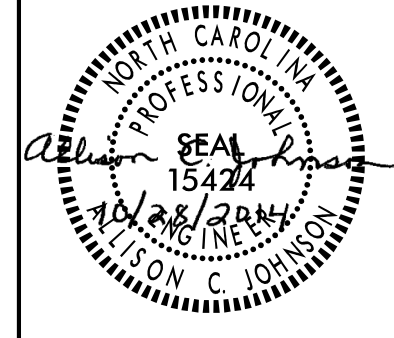
Roadway Standard Drawings
The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 17, 2012 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

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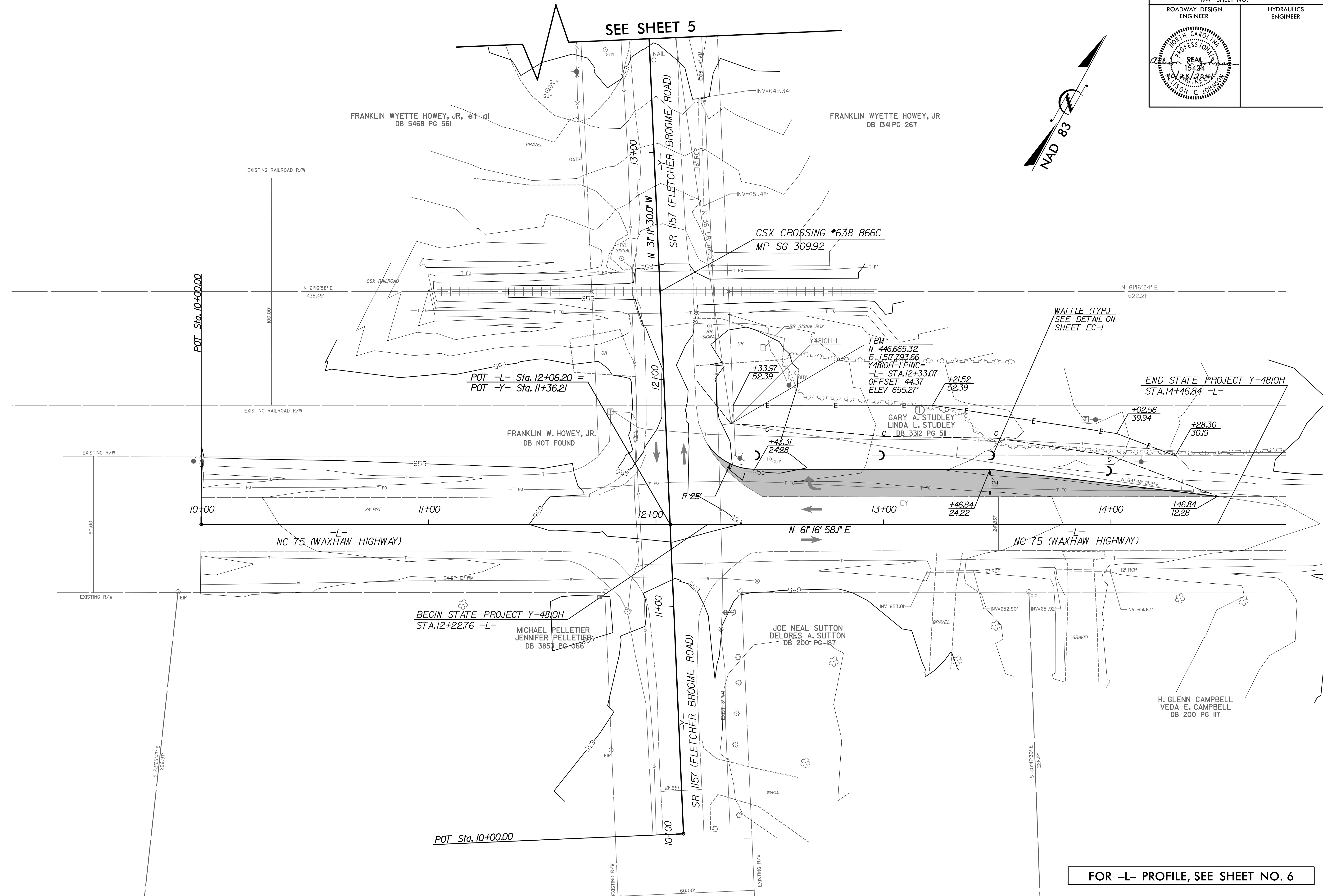
8/17/99

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PROJECT REFERENCE NO. Y-4810H	SHEET NO. EC-2
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



SEE SHEET 5



FOR -L- PROFILE, SEE SHEET NO. 6

STATE OF NORTH CAROLINA
RAIL DIVISION

STATE PROJECT REFERENCE NO.	SHEET NO.
Y-4810H	TCP-1

**PLAN FOR PROPOSED
TRAFFIC CONTROL, MARKING & DELINEATION
UNION COUNTY**

Y-4810H

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS"-ROADWAY DESIGN UNIT-N.C. DEPARTMENT OF TRANSPORTATION-RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1205.01	PAVEMENT MARKINGS - LINE TYPES & OFFSETS
1205.02	PAVEMENT MARKINGS - 2 LANE & MULTILANE ROADWAYS

INDEX OF SHEETS

SHEET NO.	TITLE
TCP-1	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, PROJECT PHASING, PAVEMENT MARKING SCHEDULE, INDEX OF SHEETS, GENERAL NOTES AND LEGEND
TCP-2	SIGNING AND FINAL PAVEMENT MARKINGS

LEGEND

GENERAL
 NORTH ARROW

GENERAL NOTES


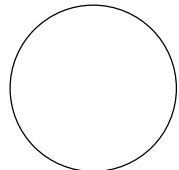
- THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED ON THE PLAN, OR DIRECTED BY THE ENGINEER.
- A) ADAPT THE TRAFFIC CONTROL PLANS, WHEN DIRECTED BY THE ENGINEER, TO MEET FIELD CONDITIONS TO PROVIDE SAFE AND EFFICIENT TRAFFIC MOVEMENT. CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE STANDARD DRAWINGS ARE NOT ATTAINABLE, OR RESULT IN DUPLICATE, OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING OR REMOVAL OF DEVICES.
 - B) NOTIFY ENGINEER 21 CALENDER DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATIONS.
 - C) PROVIDE CLOSURE SIGNING OFF THE PROJECT LIMITS.
 - D) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
 - E) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES
 - F) THE CONTRACTOR SHALL MAINTAIN INGRESS AND EGRESS TO ALL PROPERTIES DURING CONSTRUCTION.
 - G) THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL INTERSECTING STREETS UNLESS OTHERWISE NOTED IN THE TRAFFIC CONTROL PLANS OR DIRECTED BY THE ENGINEER.

PROJECT PHASING

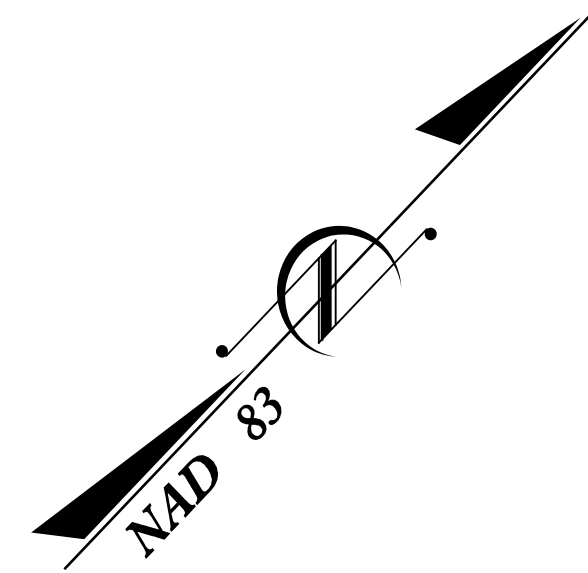
STEP 1	INSTALL ALL SIGNAGE.
STEP 2	CONSTRUCT IMPROVEMENTS UP TO AND INCLUDING THE FINAL SURFACE COURSE FOR -L- STA. 12+22.76 TO 14+46.84.
STEP 3	CONSTRUCT IMPROVEMENTS UP TO AND INCLUDING THE FINAL SURFACE COURSE FOR -Y- STA. 16+86.39 TO 17+20.39.
STEP 4	CONSTRUCT IMPROVEMENTS ON SR 1157 (ELIZABETHAN ROAD) AND REMOVE PAVEMENT (PER PLAN).
STEP 5	REMOVE SIGNS. OPEN NC 75 (WAXHAW HIGHWAY) AND SR 1157 (FLETCHER BROOME ROAD) FOR 2-LANE, 2-WAY TRAFFIC.

PAVEMENT MARKING SCHEDULE

DESCRIPTION	PAY ITEM	TOTAL QUANTITY
WHITE EDGELINE	THERMOPLASTIC (4")	
WHITE LANELINE	THERMOPLASTIC (4")	
WHITE MINI SKIP	THERMOPLASTIC (4")	
WHITE RIGHT TURN ARROW	THERMOPLASTIC	1 EA

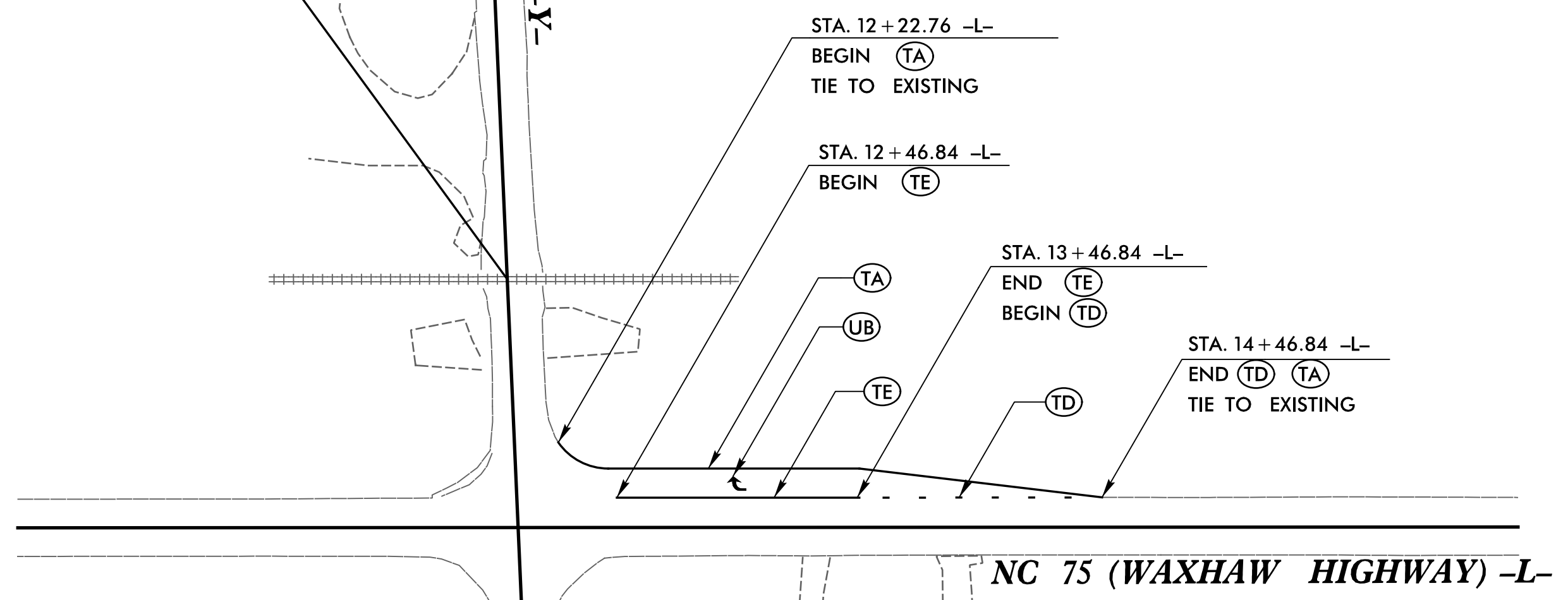
APPROVED: _____ DATE: _____	Prepared In the Office of:  AMERICAN Engineering
SEAL 	ALLISON C. JOHNSON, P.E. TRAFFIC CONTROL PROJECT ENGINEER CHRISTOPHER J. EASTERLY, P.E. TRAFFIC CONTROL PROJECT DESIGN ENGINEER

TIP PROJECT:



CSX CROSSING #638 866C
MP SG 309.92

**SR 1157
(FLETCHER BROOME ROAD) -Y-**



PERMANENT PAVEMENT MARKING SCHEDULE

SYMBOL	WIDTH	COLOR	MATERIAL	DESCRIPTION
TA	4"	WHITE	THERMOPLASTIC	EDGE LINE
TD	4"	WHITE	THERMOPLASTIC	MINI-SKIP
TE	4"	WHITE	THERMOPLASTIC	LANE LINE
UB		WHITE	THERMOPLASTIC	RIGHT TURN ARROW

11/4/2014 Elizabeth Han Y-4810H.Roadway\Proj\Y4810H.Rdy_tcp2.dgn
K:\53175800 Elizabeth Han Y-4810H.Roadway\Proj\Y4810H.Rdy_tcp2.dgn
Project

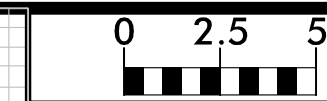
APPROVED: _____ DATE: _____	SIGNING AND FINAL PAVEMENT MARKINGS		REVISIONS	
			SCALE: 1" = 50'	
	DWG. BY: CJE	CADD FILE		
	DESIGN BY: CJE			
	REVIEWED BY: ACJ			

**STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
CROSS-SECTION SUMMARY**

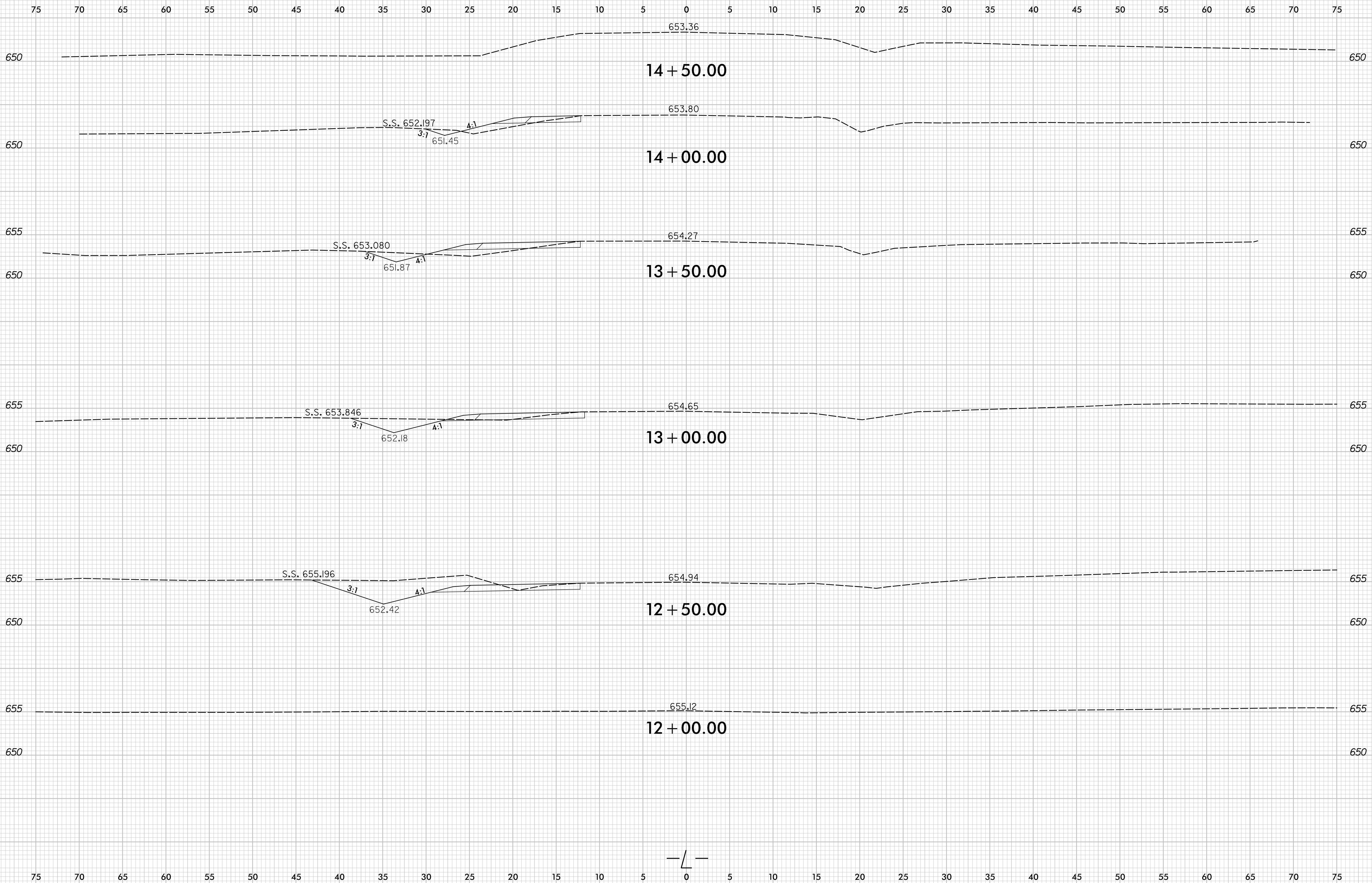
Station	Distance	End Area	Uncl. Exc.	End Area	Embt
- L -	(ft)	(sq. ft.)	(cu. yd.)	(sq. ft.)	(cu. yd.)
12+22.76					
12+50.00	27.24	30.71	15	0.00	0
13+00.00	50.00	8.94	37	0.00	0
13+50.00	50.00	3.81	12	5.18	1
14+00.00	50.00	1.41	5	3.96	1
14+46.84	46.84		1		0
GRAND TOTAL			70		2
SAY			100		10

Approximate quantities only. Unclassified excavation, borrow excavation, shoulder borrow, fine grading, clearing and grubbing, breaking of existing pavement and removal of existing pavement will be paid for at the lump sum price for "Grading".

8/22/09



PROJ. REFERENCE NO.	SHEET NO.
Y-4810H	X-2



6/28/2013 15:31:5800 Elizabeth\Y-4810H\Roadway\Proj\Y4810H_RdLxp1-L.dgn

