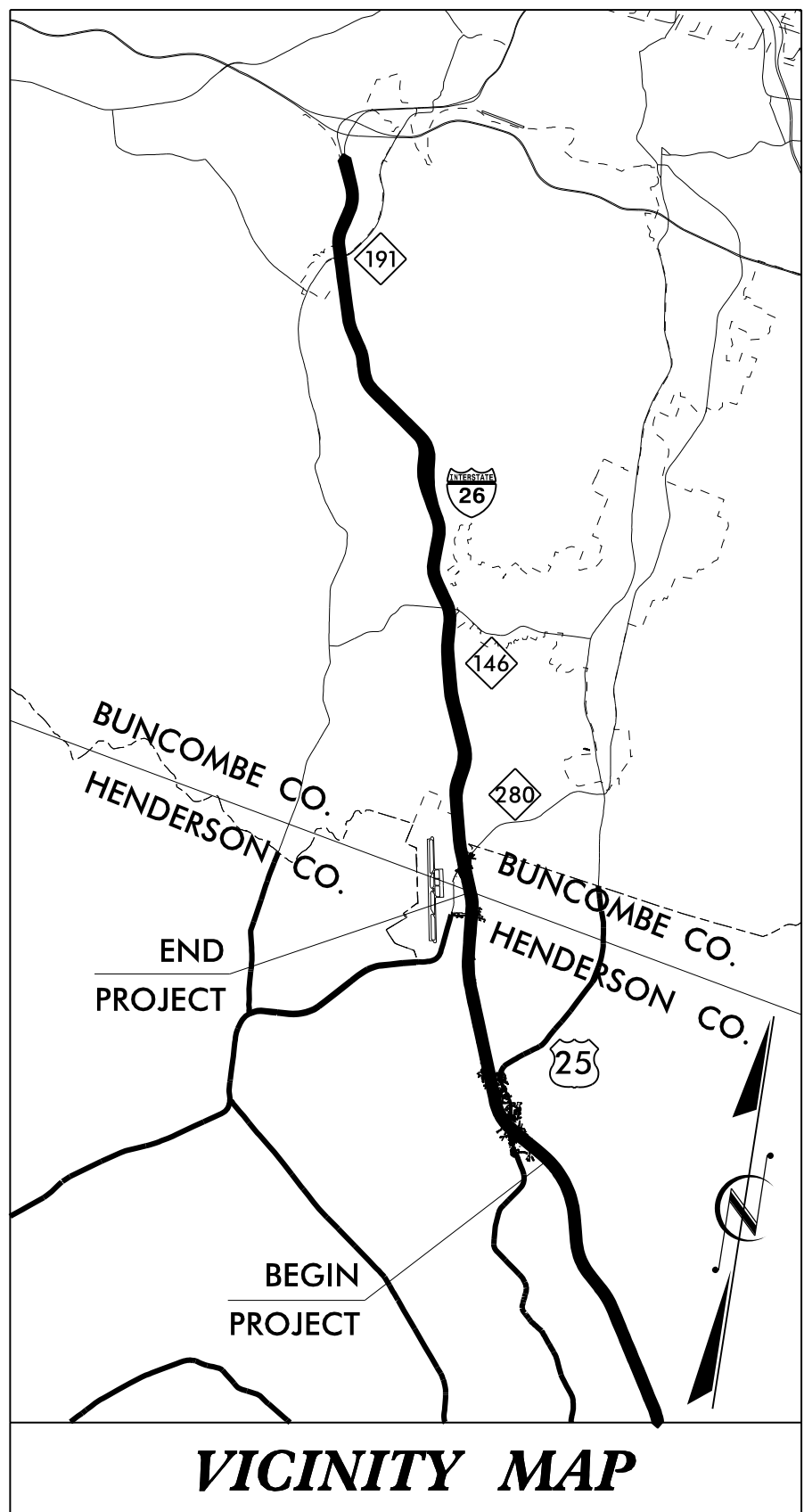


I-4400C

TIP PROJECT:

CONTRACT:



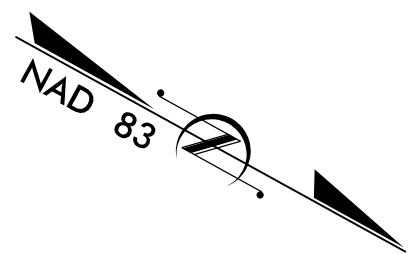
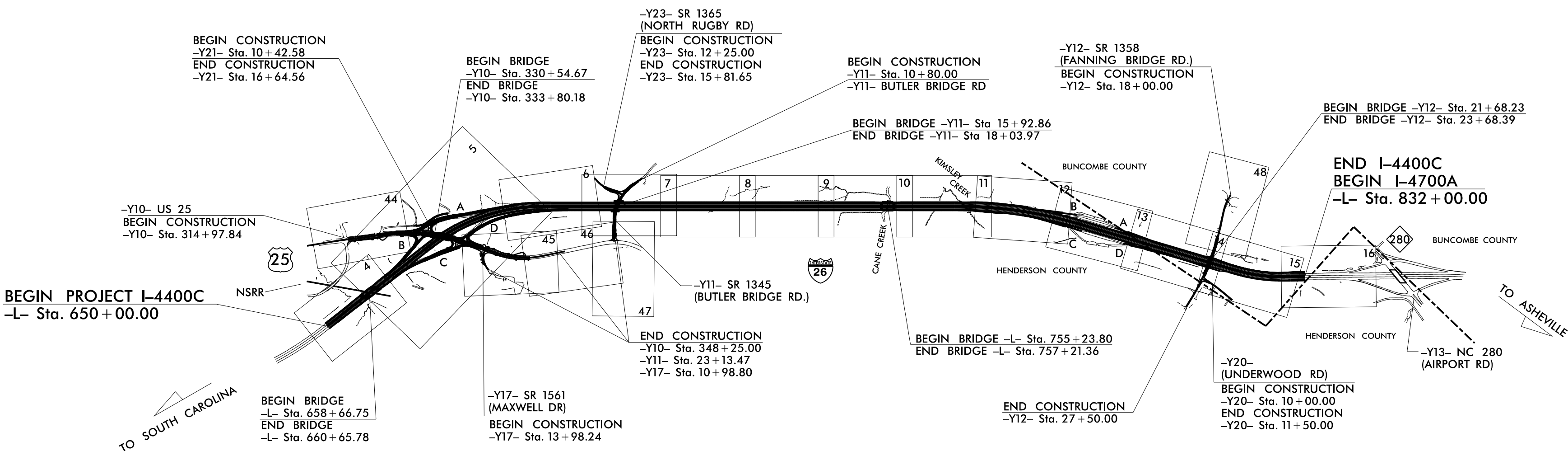
VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

BUNCOMBE & HENDERSON COUNTIES

LOCATION: I-26 FROM 0.5MI SOUTH OF US 25 (ASHEVILLE HIGHWAY)
TO 0.3MI SOUTH OF NC 280 (AIRPORT ROAD)

TYPE OF WORK: GRADING, PAVING, DRAINAGE, RESURFACING, AND STRUCTURES



STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-4400C	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
WBS 34232.1.1	NHF-26-1(62)23	I-4400C (P.E.)	
TBD	TBD	I-4400C (R/W/UTIL)	
WBS 34232.3.5	NHPP-026-1(200)13	I-4400C (CONST.)	

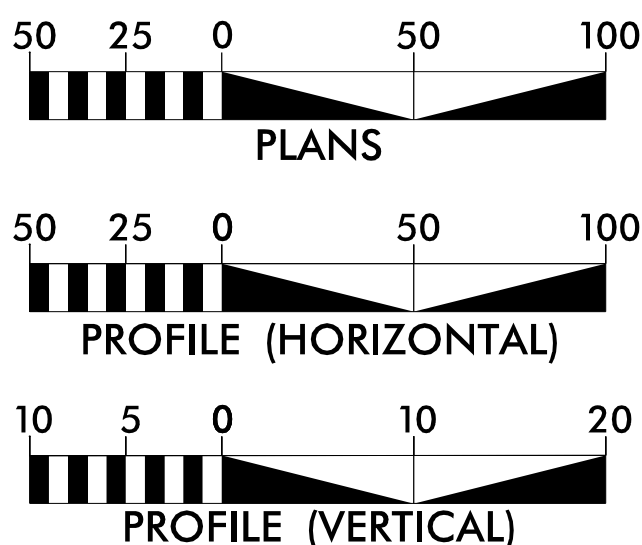
ROW PLANS

CP4B Plans
1/09/2019

- NOTE:
- CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.
 - THIS PROJECT IS PARTIALLY WITHIN THE MUNICIPAL BOUNDARIES OF THE CITY OF ASHEVILLE AND CITY OF HENDERSONVILLE.
 - THIS IS A CONTROLLED- ACCESS PROJECT WITH ACCESS BEING LIMITED TO INTERCHANGES.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

GRAPHIC SCALES



DESIGN DATA

ADT 2011 =72,000
ADT 2040 =117,900
DHV =11,790
D =55%
T =10% *
V =65 MPH**
* TTST =4% DUAL 6%
**70MPH SOUTH OF US-25
FUNC CLASS =INTERSTATE
STATEWIDE TIER

PROJECT LENGTH

TOTAL LENGTH OF ROADWAY TIP PROJECT
I-4400C = 3.236 MI

TOTAL LENGTH OF STRUCTURES OF TIP PROJECT
I-4400C = 0.211 MI

TOTAL LENGTH OF TIP PROJECT
I-4400C = 3.447 MI

Prepared In the Office of:
HNTB
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
July 1, 2018

LETTING DATE:
June 2019

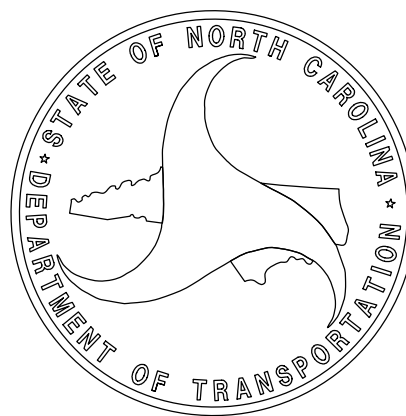
JOSEPH OLSON, P.E.
PROJECT ENGINEER
JEFF HESS, P.E.
PROJECT DESIGN ENGINEER
WANDA AUSTIN, P.E.
NCDOT CONTACT

HYDRAULICS ENGINEER

SIGNATURE: P.E.

ROADWAY DESIGN
ENGINEER

SIGNATURE: P.E.



STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS
CONVENTIONAL PLAN SHEET SYMBOLS

Note: Not to Scale

*S.U.E. = Subsurface Utility Engineering

PROJECT REFERENCE NO.	SHEET NO.
I-4400C	I-B

BOUNDARIES AND PROPERTY:

State Line	
County Line	
Township Line	
City Line	
Reservation Line	
Property Line	
Existing Iron Pin	
Property Corner	
Property Monument	
Parcel/Sequence Number	
Existing Fence Line	
Proposed Woven Wire Fence	
Proposed Chain Link Fence	
Proposed Barbed Wire Fence	
Existing Wetland Boundary	
Proposed Wetland Boundary	
Existing Endangered Animal Boundary	
Existing Endangered Plant Boundary	
Existing Historic Property Boundary	
Known Contamination Area: Soil	
Potential Contamination Area: Soil	
Known Contamination Area: Water	
Potential Contamination Area: Water	
Contaminated Site: Known or Potential	

BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	
Sign	
Well	
Small Mine	
Foundation	
Area Outline	
Cemetery	
Building	
School	
Church	
Dam	

HYDROLOGY:

Stream or Body of Water	
Hydro, Pool or Reservoir	
Jurisdictional Stream	
Buffer Zone 1	
Buffer Zone 2	
Flow Arrow	
Disappearing Stream	
Spring	
Wetland	
Proposed Lateral, Tail, Head Ditch	
False Sump	

RAILROADS:

Standard Gauge	
RR Signal Milepost	
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 RW Marker	
Proposed Control of Access Line with Concrete C/A Marker	
Existing Control of Access	
Proposed Control of Access	
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 Aerial 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 Curb Ramp	
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	

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	
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	
U/G Power Line LOS B (S.U.E.*)	
U/G Power Line LOS C (S.U.E.*)	
U/G Power Line LOS D (S.U.E.*)	

TELEPHONE:

Existing Telephone Pole	
Proposed Telephone Pole	
Telephone Manhole	
Telephone Pedestal	
Telephone Cell Tower	
U/G Telephone Cable Hand Hole	
U/G Telephone Cable LOS B (S.U.E.*)	
U/G Telephone Cable LOS C (S.U.E.*)	
U/G Telephone Cable LOS D (S.U.E.*)	
U/G Telephone Conduit LOS B (S.U.E.*)	
U/G Telephone Conduit LOS C (S.U.E.*)	
U/G Telephone Conduit LOS D (S.U.E.*)	
U/G Fiber Optics Cable LOS B (S.U.E.*)	
U/G Fiber Optics Cable LOS C (S.U.E.*)	
U/G Fiber Optics Cable LOS D (S.U.E.*)	

WATER:

Water Manhole	
Water Meter	
Water Valve	
Water Hydrant	
U/G Water Line LOS B (S.U.E.*)	
U/G Water Line LOS C (S.U.E.*)	
U/G Water Line LOS D (S.U.E.*)	
Above Ground Water Line	

TV:

TV Pedestal	
TV Tower	
U/G TV Cable Hand Hole	
U/G TV Cable LOS B (S.U.E.*)	
U/G TV Cable LOS C (S.U.E.*)	
U/G TV Cable LOS D (S.U.E.*)	
U/G Fiber Optic Cable LOS B (S.U.E.*)	
U/G Fiber Optic Cable LOS C (S.U.E.*)	
U/G Fiber Optic Cable LOS D (S.U.E.*)	

GAS:

Gas Valve	
Gas Meter	
U/G Gas Line LOS B (S.U.E.*)	
U/G Gas Line LOS C (S.U.E.*)	
U/G Gas Line LOS D (S.U.E.*)	
Above Ground Gas Line	

SANITARY SEWER:

Sanitary Sewer Manhole	
Sanitary Sewer Cleanout	
U/G Sanitary Sewer Line	
Above Ground Sanitary Sewer	
SS Forced Main Line LOS B (S.U.E.*)	
SS Forced Main Line LOS C (S.U.E.*)	
SS Forced Main Line LOS D (S.U.E.*)	

MISCELLANEOUS:

Utility Pole	
Utility Pole with Base	
Utility Located Object	
Utility Traffic Signal Box	
Utility Unknown U/G Line LOS B (S.U.E.*)	
U/G Tank; Water, Gas, Oil	
Underground Storage Tank, Approx. Loc.	
A/G Tank; Water, Gas, Oil	
Geoenvironmental Boring	
U/G Test Hole LOS A (S.U.E.*)	
Abandoned According to Utility Records	
End of Information	

6/2/99

FINAL PAVEMENT RECOMMENDATION
13.0" CONCRETE
NONWOVEN GEOTEXTILE INTERLAYER
1.25" S9.5B
12" AGGREGATE SUBGRADE TYPE I

OUTSIDE AND MEDIAN SHOULDER DESIGNS ARE AS FOLLOWS:

3.0" S9.5C
4.0" 19.0C
7.25" B25.0C
12.0" AGGREGATE SUBGRADE TYPE I

Y-LINES	SURFACE	INTERMED.	BASE	ABC	CTABC	STAB.
Y10 (US-25)	3.0" S9.5C	4.0" 119.0C	4.0" B25.0C	-	-	NO
Y10RPA	3.0" S9.5C	4.0" 119.0C	4.0" B25.0C	-	-	NO
Y10RPB	3.0" S9.5C	4.0" 119.0C	4.0" B25.0C	-	-	NO
Y10RPC	3.0" S9.5C	4.0" 119.0C	4.0" B25.0C	-	-	NO
Y10RPD	3.0" S9.5C	4.0" 119.0C	4.0" B25.0C	-	-	NO
Y11 (SR 1345 BUTLER BRIDGE RD.)	3.0" S9.5B	4.0" 119.0C	4.0" B25.0C	-	-	NO
Y12 (SR 1358 FANNING BRIDGE RD.)	3.0" S9.5B	2.5" 119.0C	4.0" B25.0C	-	-	NO
Y13 (NC 280 AIRPORT RD.)	3.0" S9.5C	4.0" 119.0C	4.0" B25.0C	-	-	NO
Y17 (SR 1561 MAXWELL DR.)	2.5" S9.5B	-	4.0" B25.0C			NO
Y20 (UNDERWOOD RD.)	3.0" S9.5B	2.5" 119.0C	4.0" B25.0C	-	-	NO
Y21 (SR 1366 CURETON PL.)	2.5" S9.5B	-	4.0" B25.0C			NO
Y22 (SR 1365 NORTH RUGBY RD.)	2.5" S9.5B	-	4.0" B25.0C			NO
Y13RPA	3.0" S9.5C	4.0" 119.0C	4.0" B25.0C	-	-	NO
Y13RPB	3.0" S9.5C	4.0" 119.0C	4.0" B25.0C	-	-	NO
Y13RPC	3.0" S9.5C	4.0" 119.0C	4.0" B25.0C	-	-	NO
Y13RPD	3.0" S9.5C	4.0" 119.0C	4.0" B25.0C	-	-	NO
RESTA, RESTB, RESTC, RESTD	9.0" CONCRETE 6.0" ABC					



HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PROJECT REFERENCE NO.

1-4400C

SHEET NO.

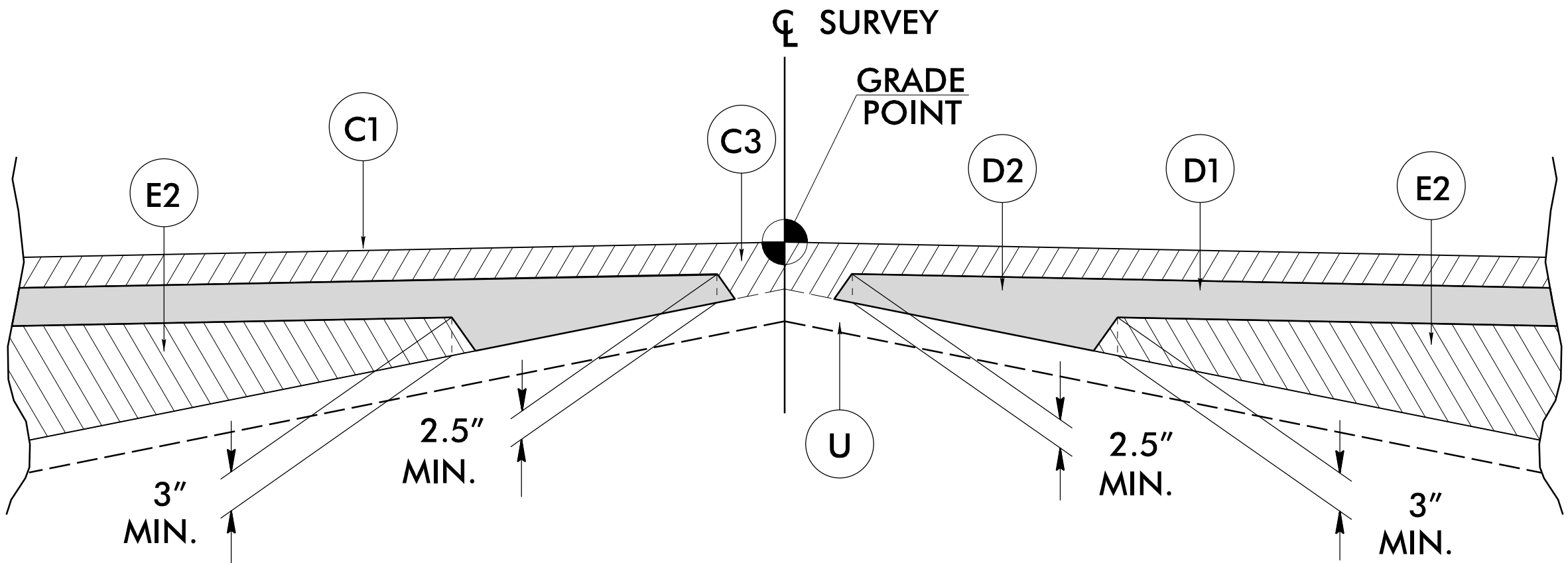
2A

ROADWAY DESIGN
ENGINEER

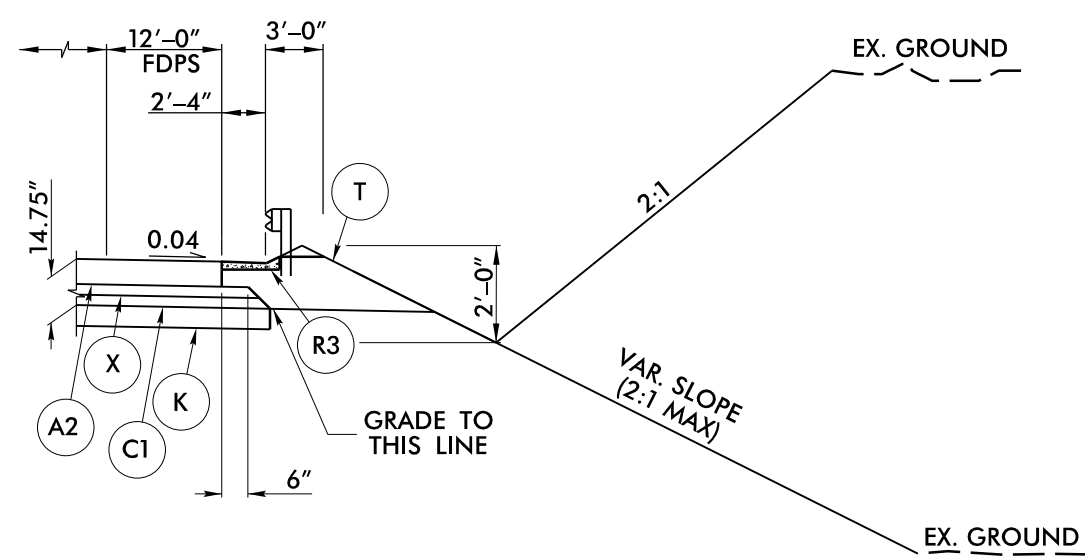
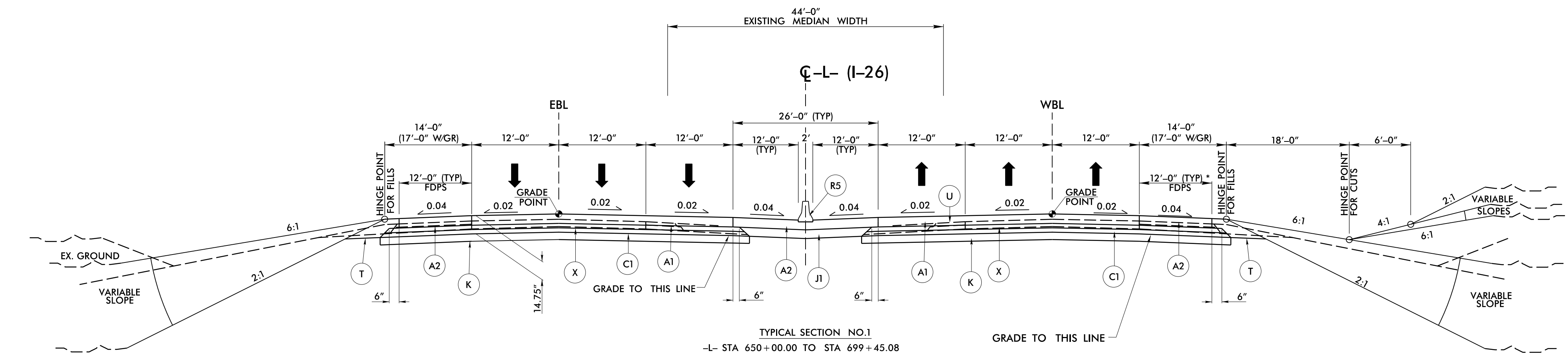
PAVEMENT DESIGN
ENGINEER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

NOTE: TYPICAL SECTIONS DO NOT REFLECT
THE FINAL PAVEMENT RECOMMENDATIONS.



Detail Showing Method of Wedging



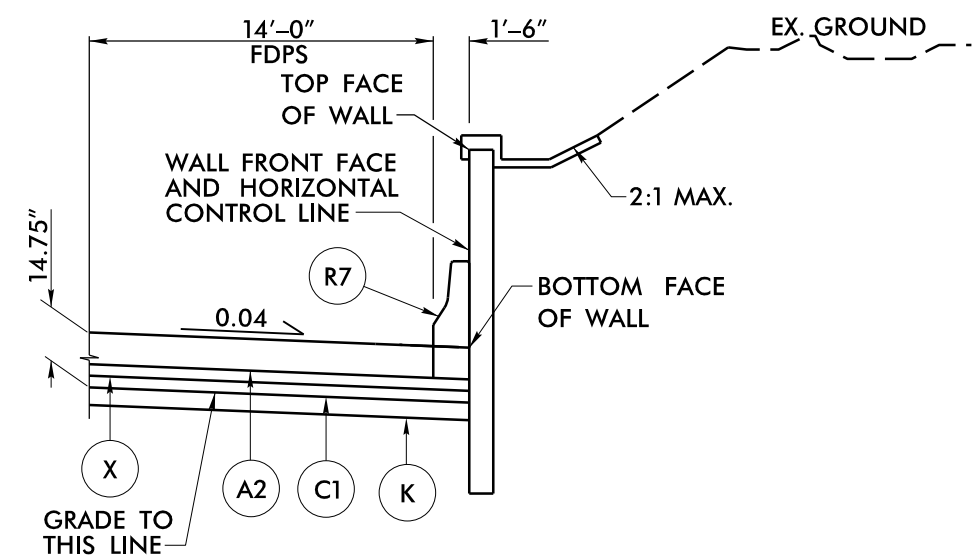
SHOULDER BERM GUTTER DETAIL

USE IN CONJUNCTION WITH TYPICAL SECTIONS NO.1, 2, 3 & 4

```

-! STA 650+00.00 TO STA 657+98.89 LT (INVERT)
-! STA 652+50.00 TO STA 659+34.64 RT
-! STA 660+03.38 TO STA 663+21.15 LT (INVERT)
-! STA 661+31.00 TO STA 664+21.15 RT
-! STA 670+60.20 TO STA 692+01.42 LT (INVERT)
-! STA 699+45.10 TO STA 755+23.66 RT
-! STA 707+50.00 TO STA 755+23.66 LT (INVERT)
-! STA 757+21.35 TO STA 780+43.03 LT
-! STA 757+21.35 TO STA 780+43.03 LT
-! STA 808+18.81 TO STA 812+50.00 RT
-! STA 815+75.00 TO STA 832+00.00 LT (INVERT)
-! STA 832+00.00 TO STA 832+00.00 LT (INVERT)
-YI0RBPB STA 10+00.00 TO STA 14+00.00 LT (INVERT)
-YI0RCPB STA 10+00.00 TO STA 17+05.37 RT
-YI0RCPB STA 20+70.43 TO STA 23+23.05 RT
-YI0RBPB STA 10+00.00 TO STA 16+80.00 LT (INVERT)
-YI0RCPB STA 10+00.00 TO STA 16+80.00 LT (INVERT)
-RESTD STA 10+00.00 TO STA 14+00.00 LT (INVERT)

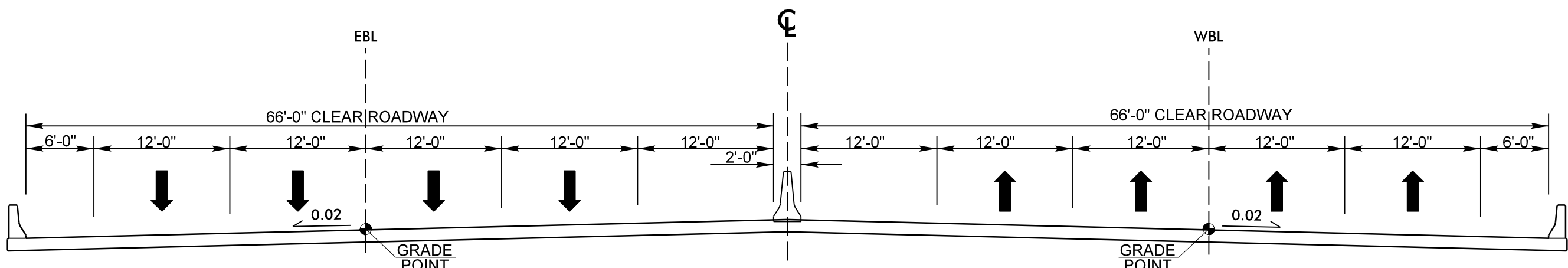
```



CUT WALL DETAIL

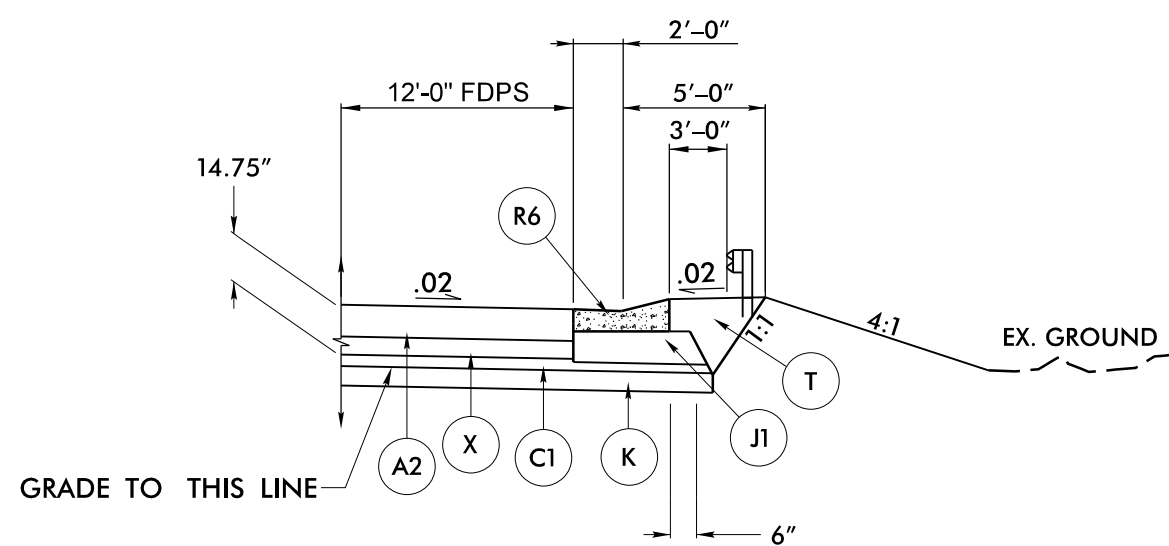
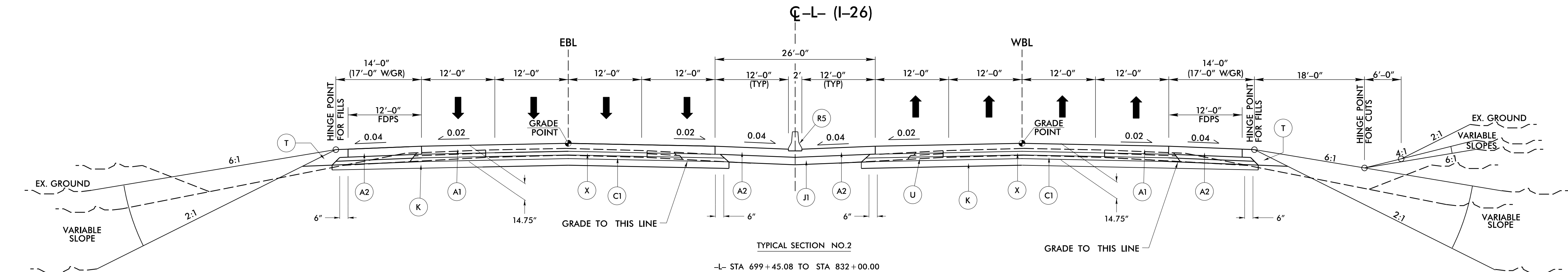
USE IN CONJUNCTION WITH TYPICAL SECTION NO.1

-L- STA 676+00.00 TO STA 678+50.00 RT



BRIDGE TYPICAL
I-26 OVER NSRR

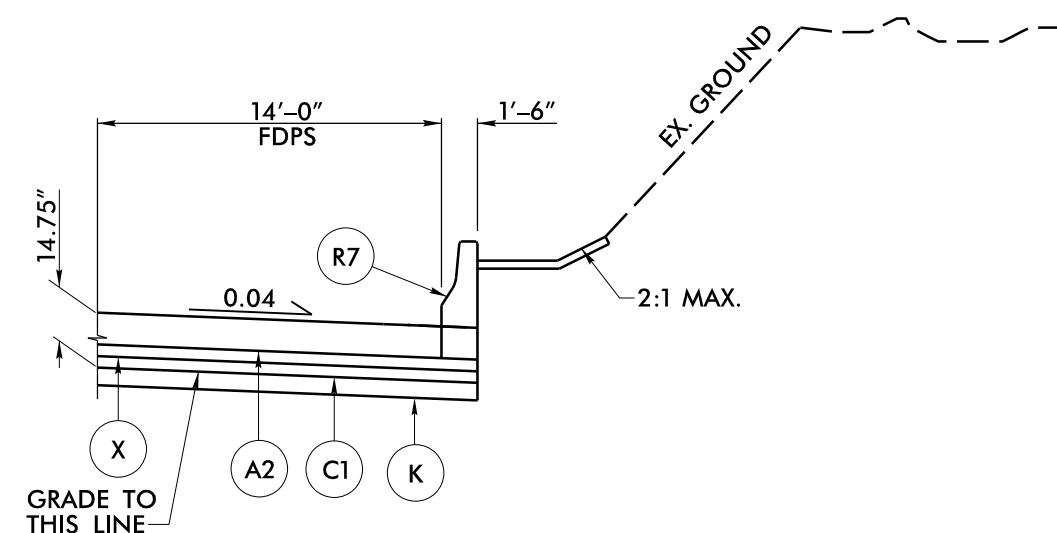
NOTE: SEE PLANS FOR SUPERELEVATIONS, TURN LANES, MONOLITHIC ISLANDS, CURB AND GUTTER, AND LANE TAPER LOCATIONS.



EXPRESSWAY GUTTER DETAIL

USE IN CONJUNCTION WITH TYPICAL SECTION NO.2

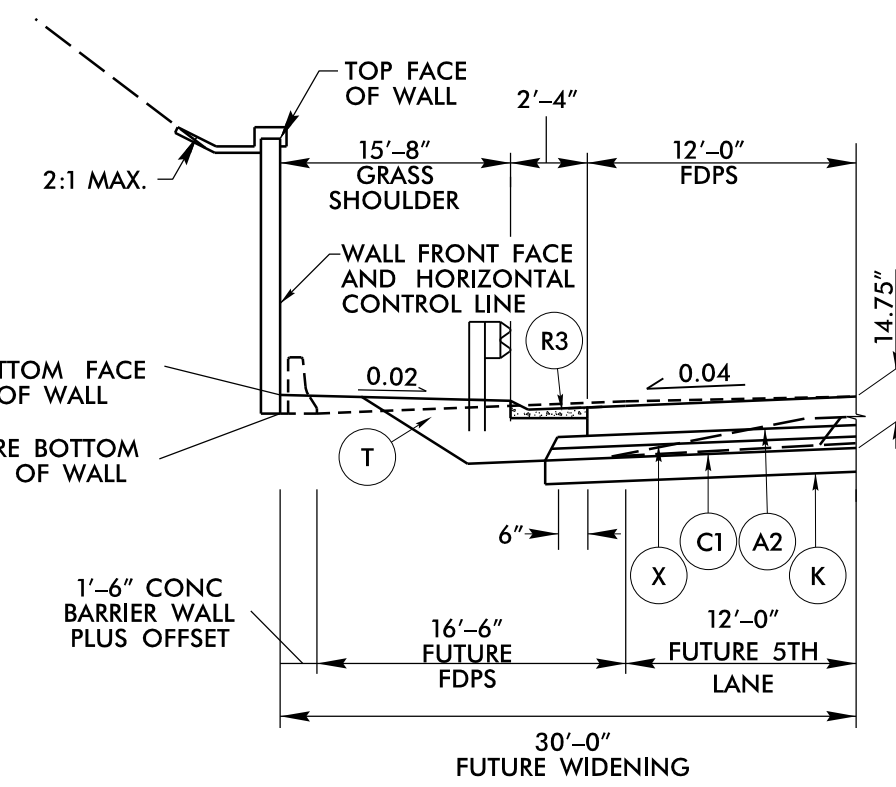
—L— STA 785+90.06 TO STA 800+37.82 LT (INVERT)
—L— STA 786+65.00 TO STA 801+12.87 RT



BARRIER CUT WALL DETAIL

USE IN CONJUNCTION WITH TYPICAL SECTION NO.1

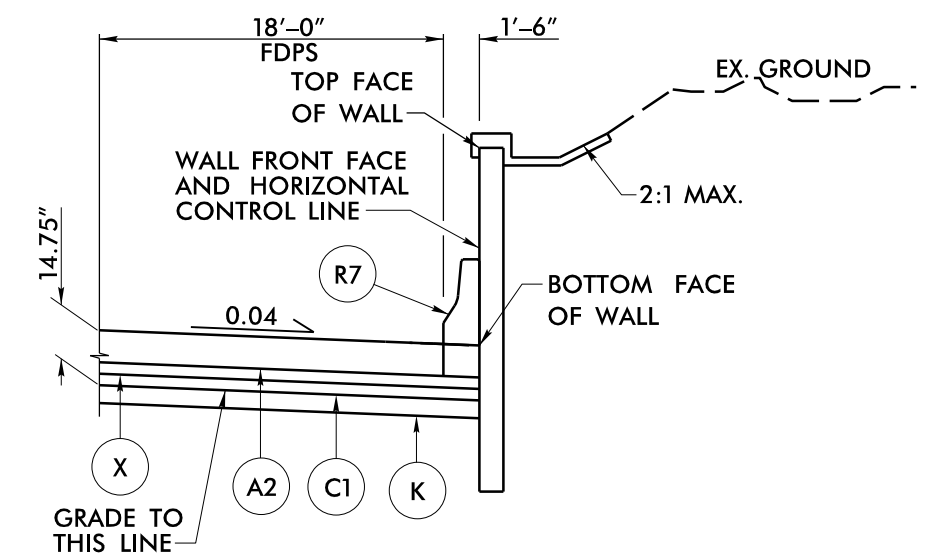
-L- STA 674+25.00 TO STA 676+00.00 LT (INVERT)



OFFSET CUT WALL WITH SHOULDER BERM GUTTER AND GUARDRAIL DETAIL

USE IN CONJUNCTION WITH TYPICAL SECTION NO.2

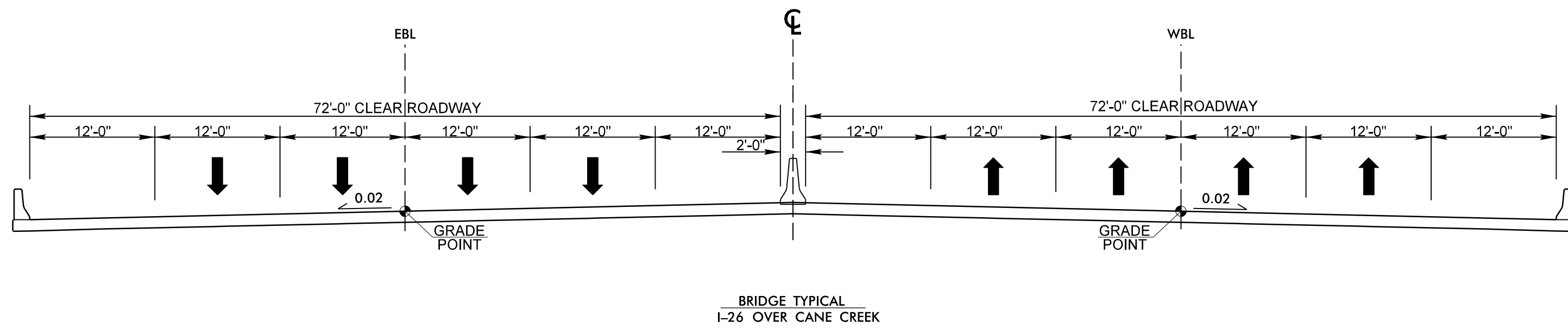
-L- STA 707+00.00 TO STA 708+50.00 RT (INVERT)
 -L- STA 707+50.00 TO STA 709+25.00 LT



CUT WALL DETAIL

USE IN CONJUNCTION WITH TYPICAL SECTION NO.2

-L- STA 812+50.00 TO STA 817+00.00 RT
-L- STA 814+00.00 TO STA 815+75.00 LT (INVERT)



6/2/99

28 JUN 2018 09:39
C:\p04\04400C_R0Y_TYP (2)
HNTB

HNTB

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PROJECT REFERENCE NO.

1-4400C

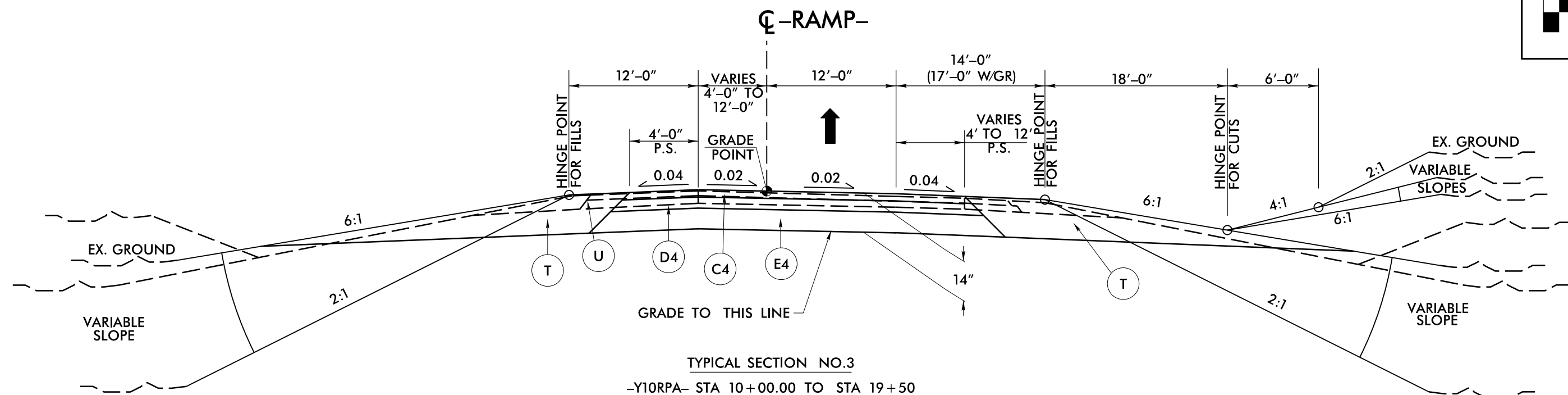
SHEET NO.

2A-3

ROADWAY DESIGN
ENGINEER

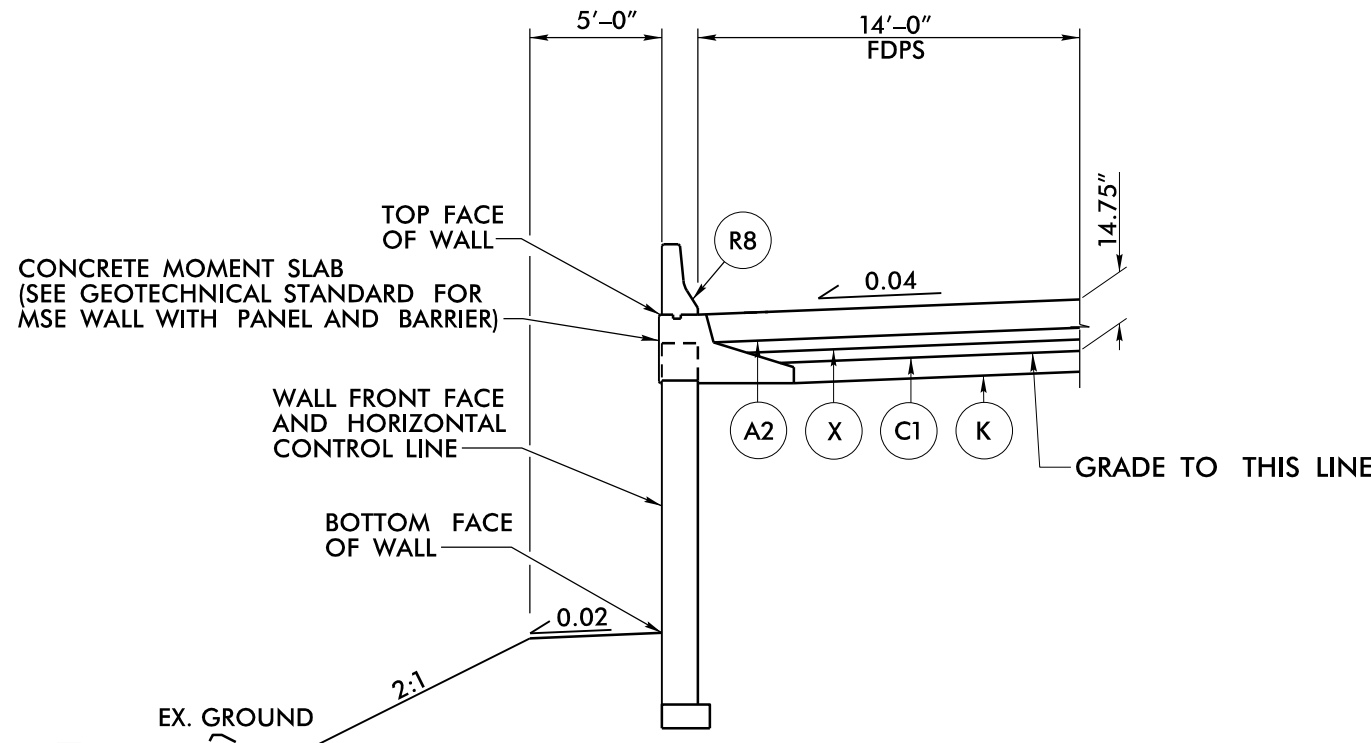
PAVEMENT DESIGN
ENGINEER

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



TYPICAL SECTION NO.3

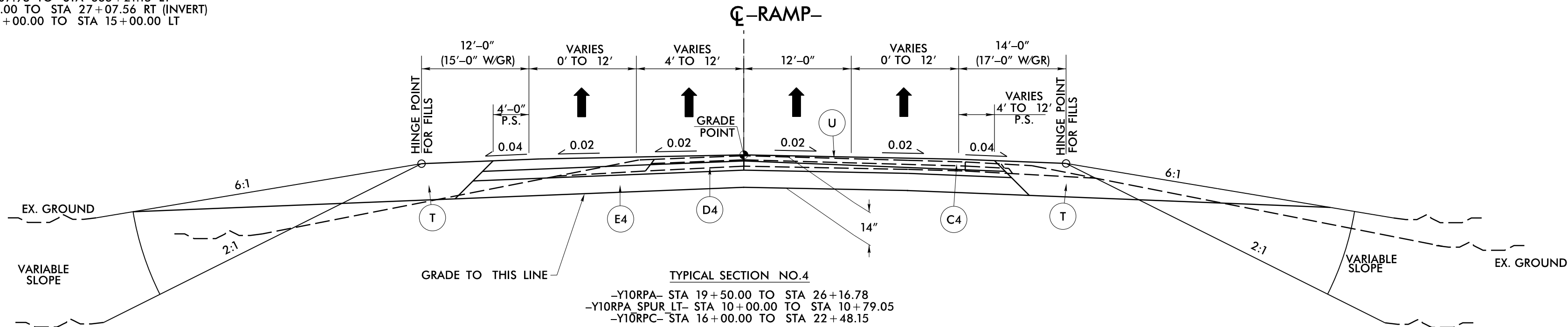
-Y10RPA- STA 10+00.00 TO STA 19+50
-Y10RPB- STA 10+00.00 TO STA 18+94.73 (INVERT)
-Y10RPC- STA 10+00.00 TO STA 16+00.00
-Y10RPD- STA 10+00.00 TO STA 28+92.47 (INVERT)
-RESTA- STA 10+00.00 TO STA 17+00.00
-RESTD- STA 10+00.00 TO STA 18+00.00 (INVERT)
-RESTD- STA 10+00.00 TO STA 18+00.00 (INVERT)



FILL WALL WITH MOMENT SLAB DETAIL

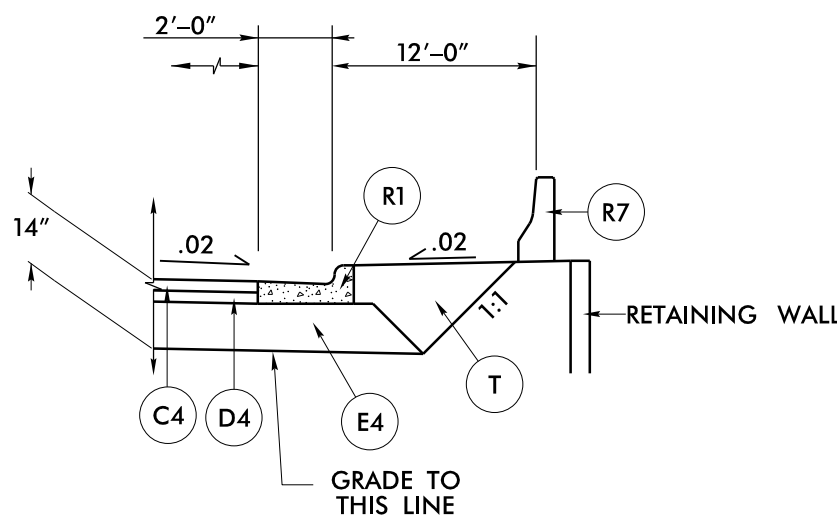
USE IN CONJUNCTION WITH TYPICAL SECTIONS NO.1, 3 & 5

-L- STA 660+07.98 TO STA 663+21.15 LT
-Y10RPA- STA 21+50.00 TO STA 27+07.56 RT (INVERT)
-Y10RPB- STA 10+00.00 TO STA 15+00.00 LT



TYPICAL SECTION NO.4

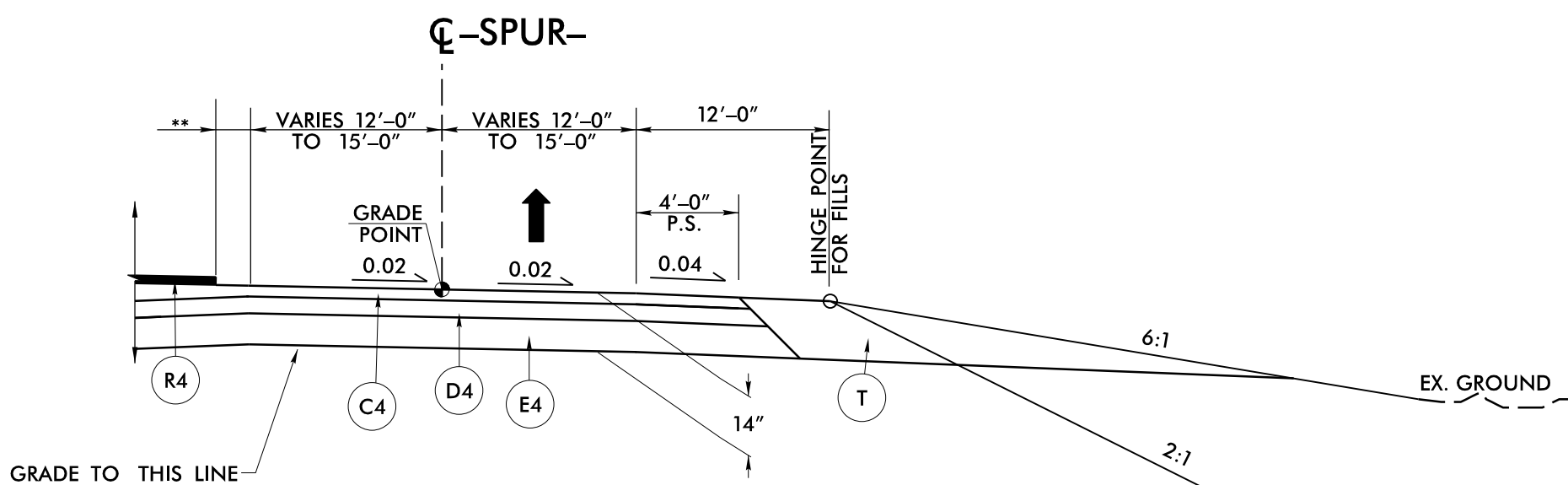
-Y10RPA- STA 19+50.00 TO STA 26+16.78
-Y10RPA SPUR LT- STA 10+00.00 TO STA 10+79.05
-Y10RPC- STA 16+00.00 TO STA 22+48.15



FILL WALL WITH OFFSET BARRIER AND CURB DETAIL

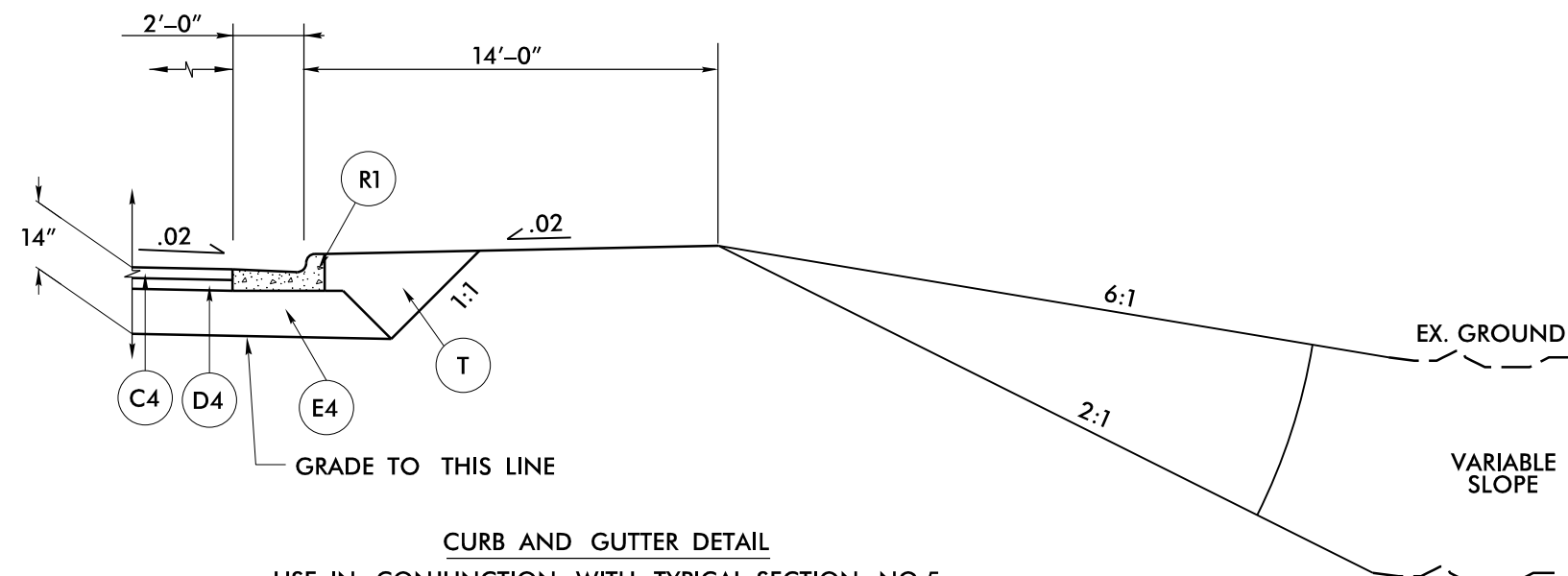
USE IN CONJUNCTION WITH TYPICAL SECTION NO.4 & 5

-Y10RPA- STA 27+07.56 TO STA 27+38.39
-Y10RPA SPUR RT- STA 10+00.00 TO STA 11+61.12



TYPICAL SECTION NO.5

-Y10RPA- STA 26+16.78 TO STA 27+38.39, ** = 4'-0"
-Y10RPA SPUR LT- STA 10+79.05 TO STA 11+35.03, ** = 31'-0" (INVERT)
-Y10RPA SPUR RT- STA 10+00.00 TO STA 11+01.15, ** = 4'-0"
-Y10RPB- STA 18+94.73 TO STA 19+12.16, ** = 10'-0"
-Y10RPB SPUR LT- STA 11+69.78 TO STA 12+63.08, ** = 12'-0" (INVERT)
-Y10RPB SPUR RT- STA 10+00.00 TO STA 11+16.03, ** = 10'-0"
-Y10RPC- STA 22+48.15 TO STA 23+24.74, ** = 4'-0"
-Y10RPC SPUR LT- STA 10+74.57 TO STA 11+25.04, ** = 40'-0" (INVERT)
-Y10RPC SPUR RT- STA 10+00.00 TO STA 10+93.08, ** = 4'-0"
-Y10RPD SPUR LT- STA 10+00.00 TO STA 11+12.54, ** = 13'-4" TO 15'-5"
-Y10RPD SPUR RT- STA 12+00.35 TO STA 12+48.45, ** = 27'-0" (INVERT)



CURB AND GUTTER DETAIL

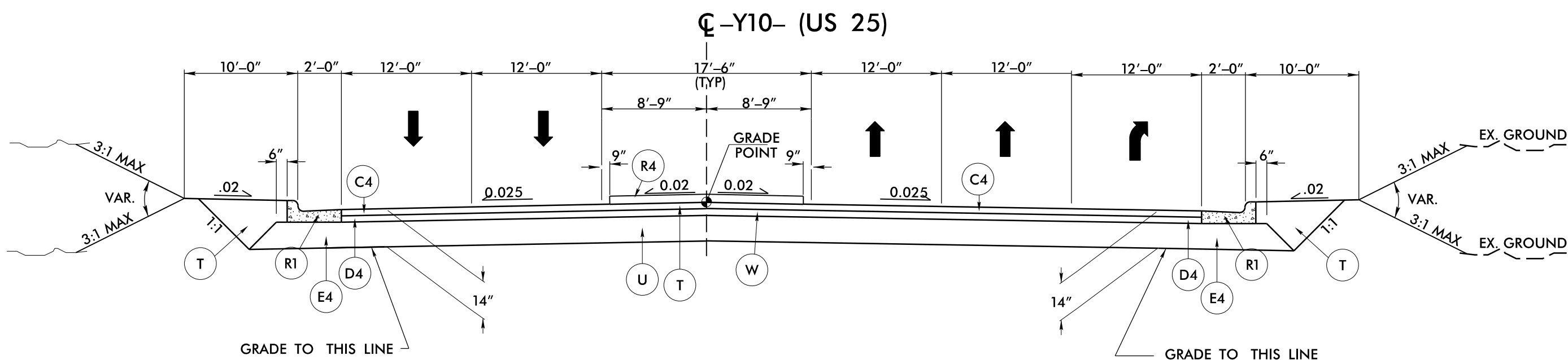
USE IN CONJUNCTION WITH TYPICAL SECTION NO.5

-Y10RPB SPUR RT- STA 10+71.81 TO STA 12+35.69 (INVERT)
-Y10RPB SPUR LT- STA 10+00.00 TO STA 13+88.39
-Y10RPC SPUR RT- STA 10+00.00 TO STA 11+85.15 (INVERT)
-Y10RPC SPUR LT- STA 11+55.75 TO STA 12+22.72
-Y10RPD SPUR LT- STA 10+00.00 TO STA 12+38.76 (INVERT)
-Y10RPD SPUR RT- STA 11+38.07 TO STA 14+04.33

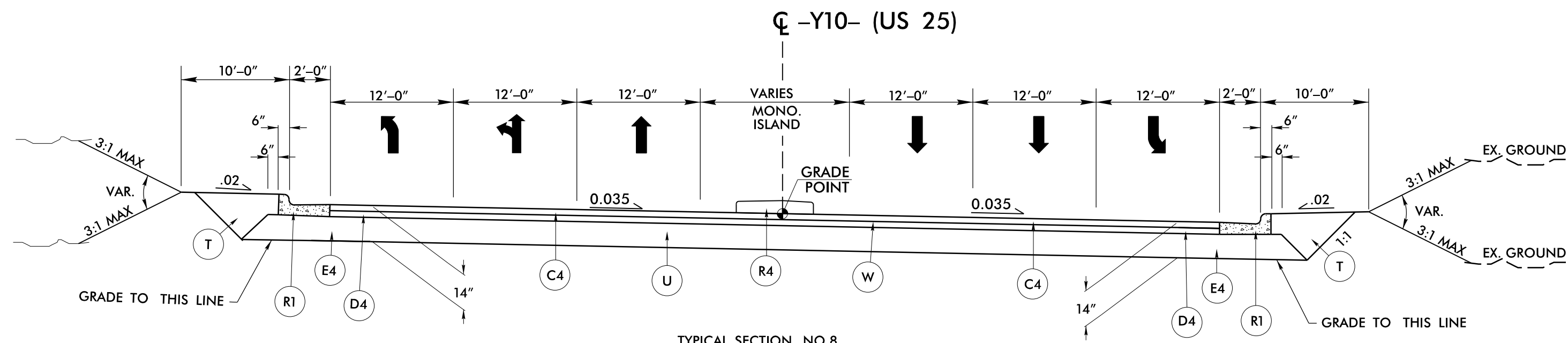
NOTE: SEE PLANS FOR SUPERELEVATIONS, TURN LANES, MONOLITHIC ISLANDS, CURB AND GUTTER, AND LANE TAPER LOCATIONS.

[illegible]

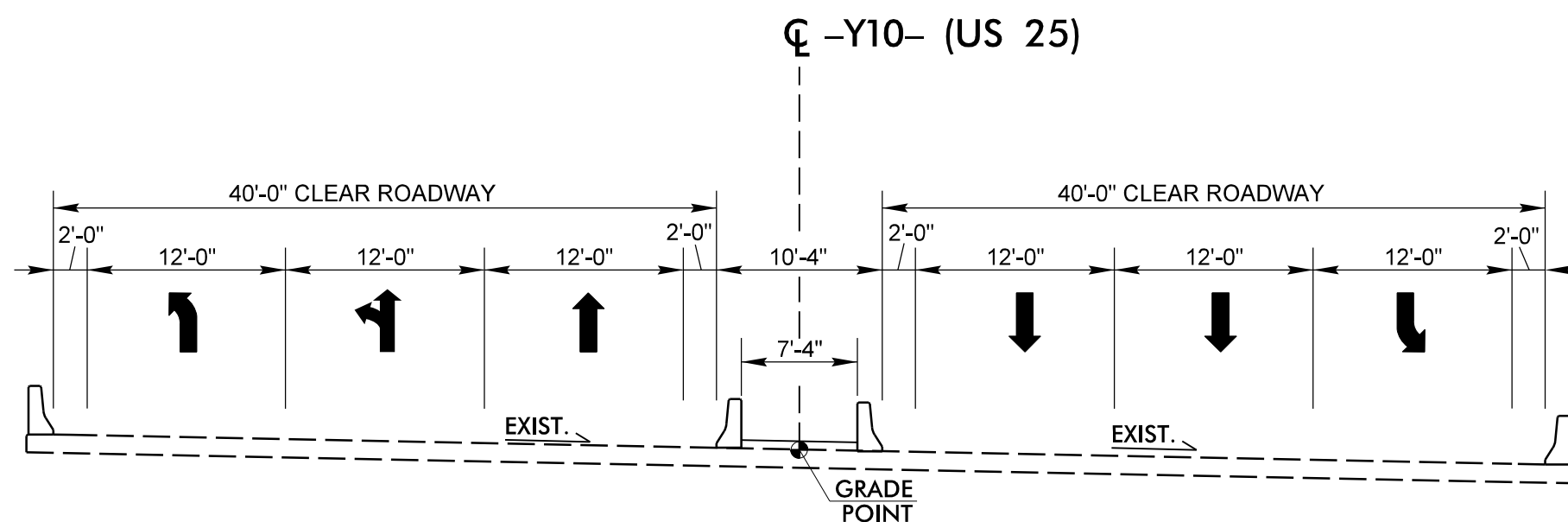
-Y10- STA 314+97.84 TO STA 324+50.00
-Y10- STA 344+60.00 TO STA 348+25.00



-Y10- STA 324+50.00 TO STA 328+10.79
-Y10- STA 336+24.57 TO STA 344+60.00



-Y10- STA 328+10.79 TO STA 336+24.57



BRIDGE TYPICAL
EXISTING US 25 OVER I-26

NOTE: SEE PLANS FOR SUPERELEVATIONS, TURN LANES, MONOLITHIC ISLANDS, CURB AND GUTTER, AND LANE TAPER LOCATIONS.

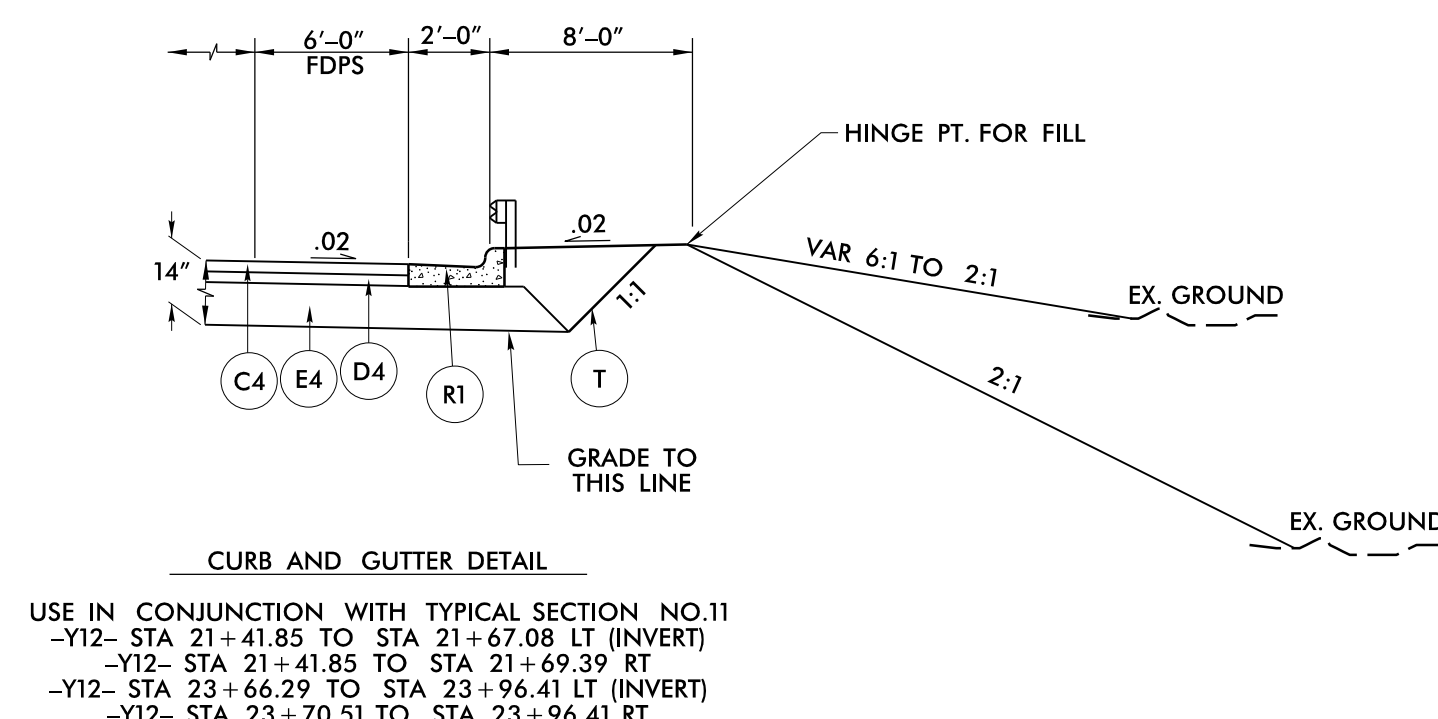
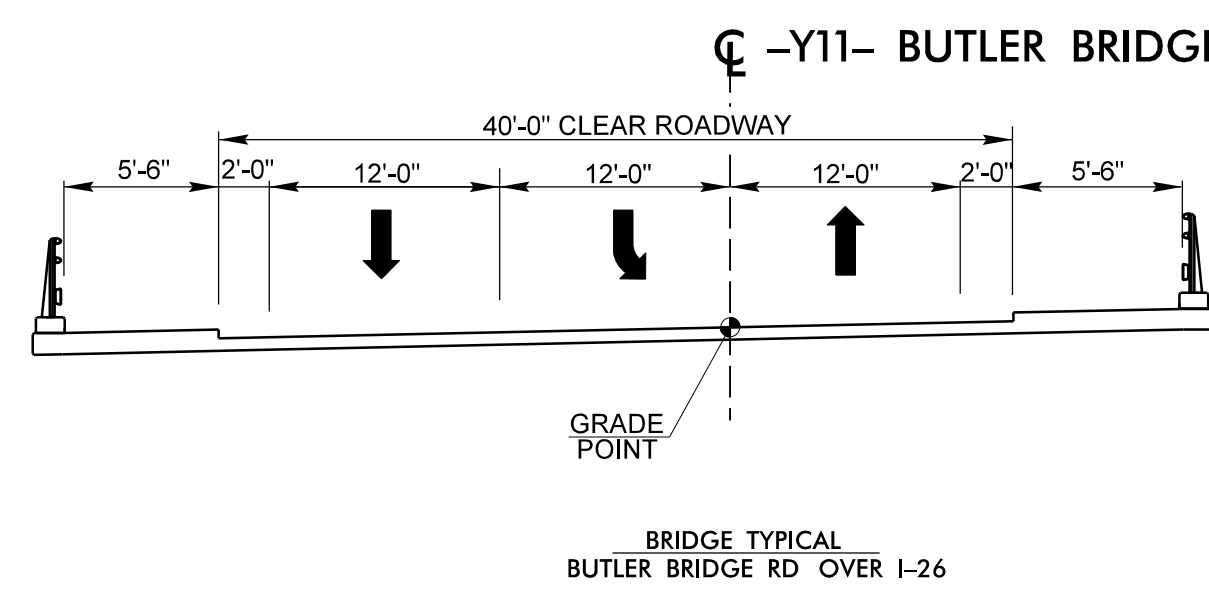
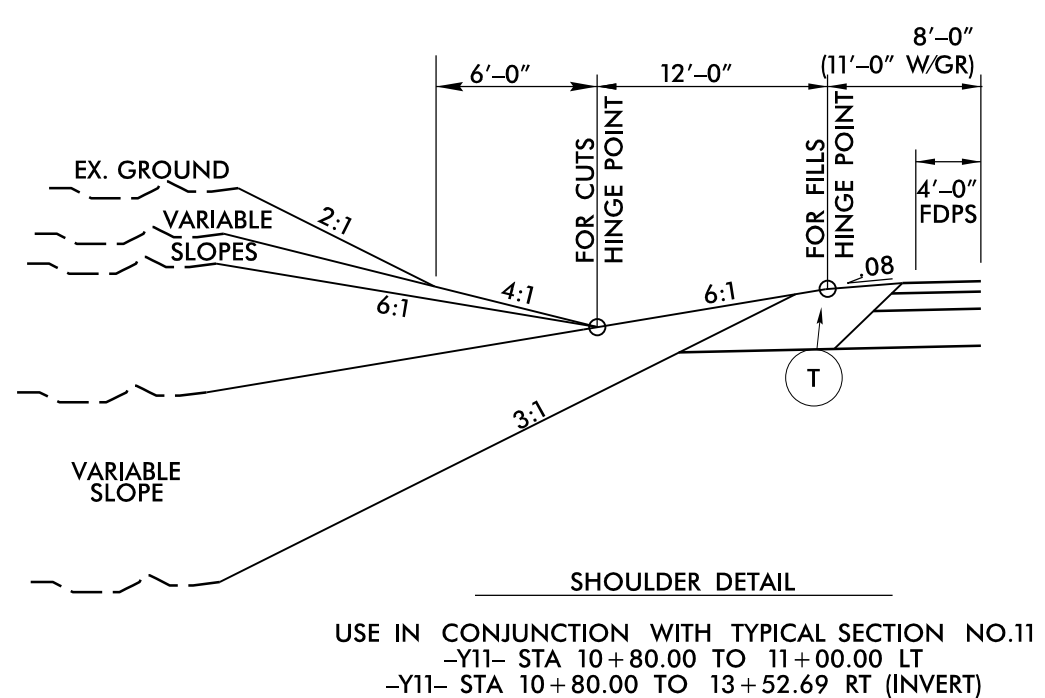
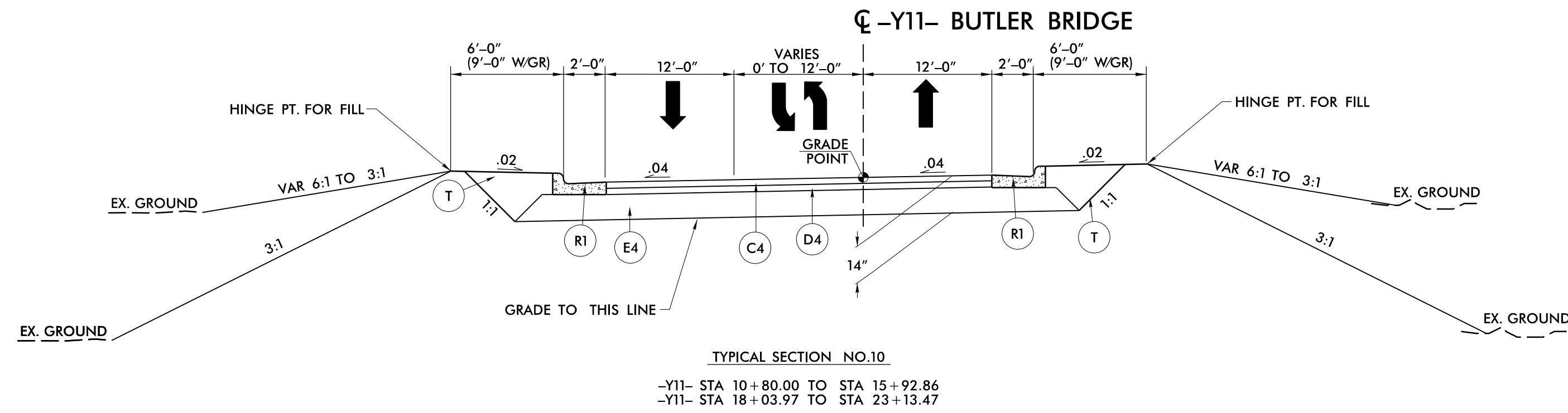
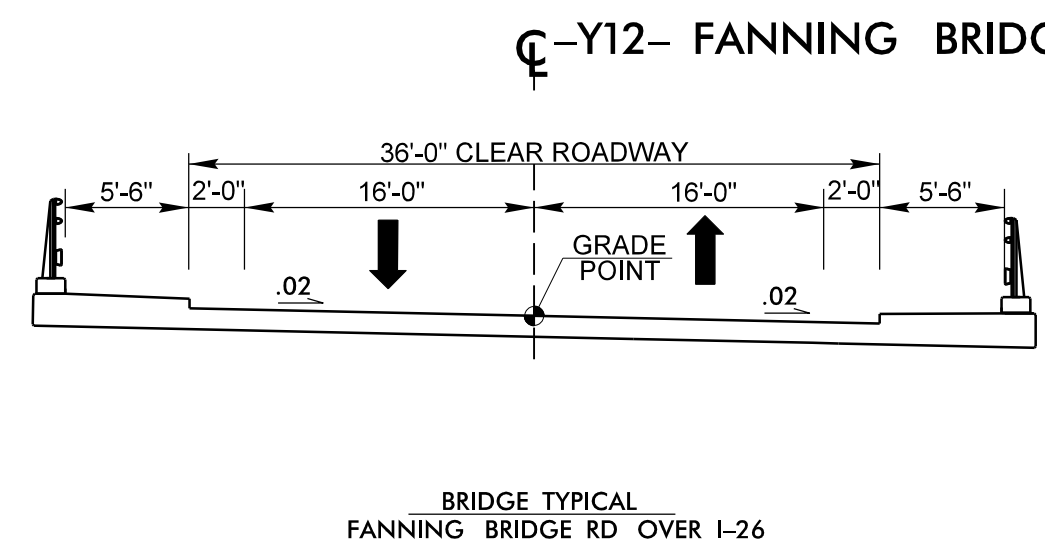
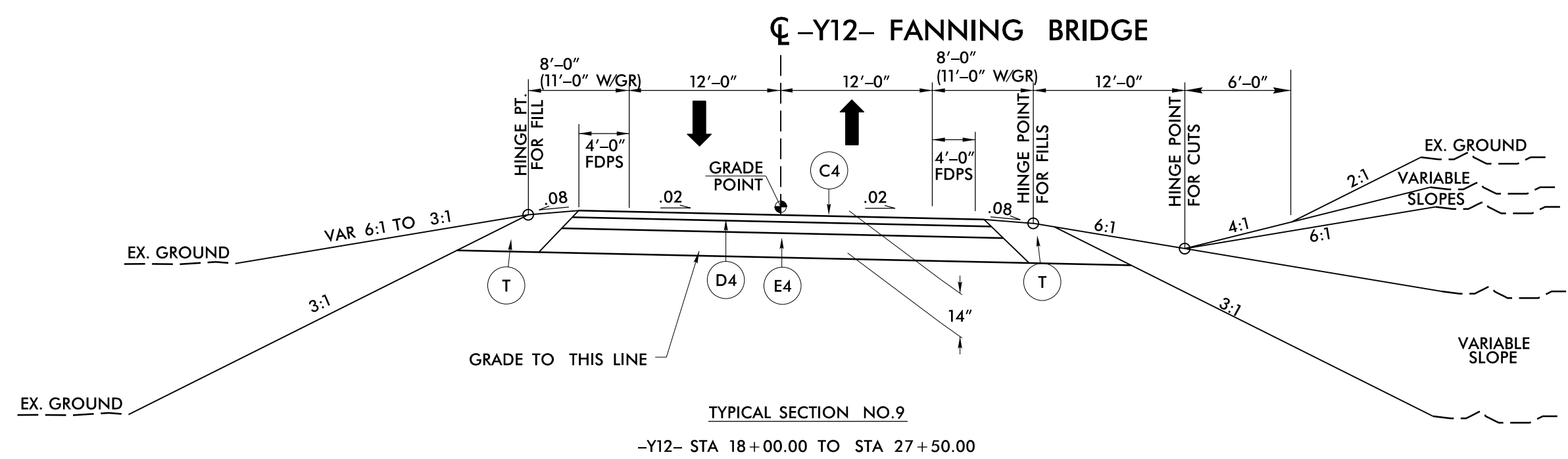
6/2/99

28-JUN-2018 09:39
C:\p04\25\14400C_R0Y_TYP (2)
HNTB

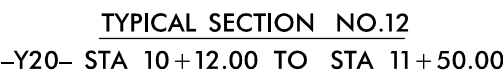
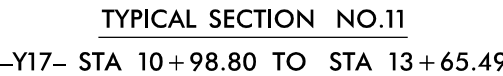
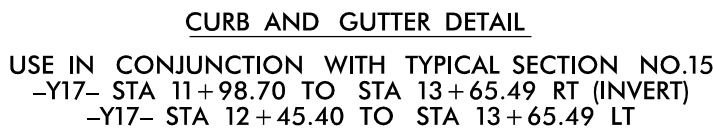
HNTB

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

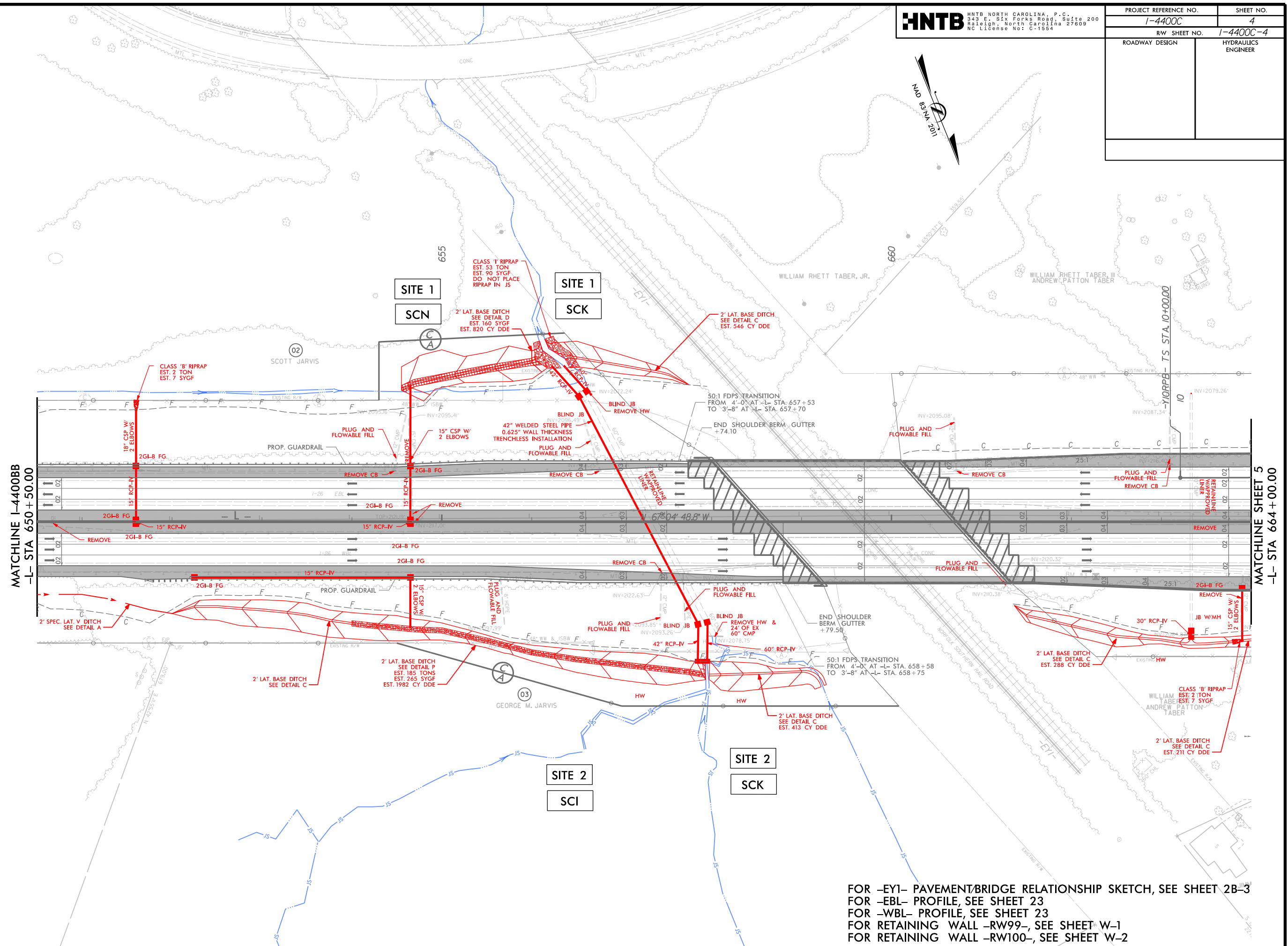
PROJECT REFERENCE NO.		SHEET NO.
1-4400C		2A-5
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER	



NOTE: SEE PLANS FOR SUPERELEVATIONS, TURN LANES, MONOLITHIC ISLANDS, CURB AND GUTTER, AND LANE TAPER LOCATIONS.



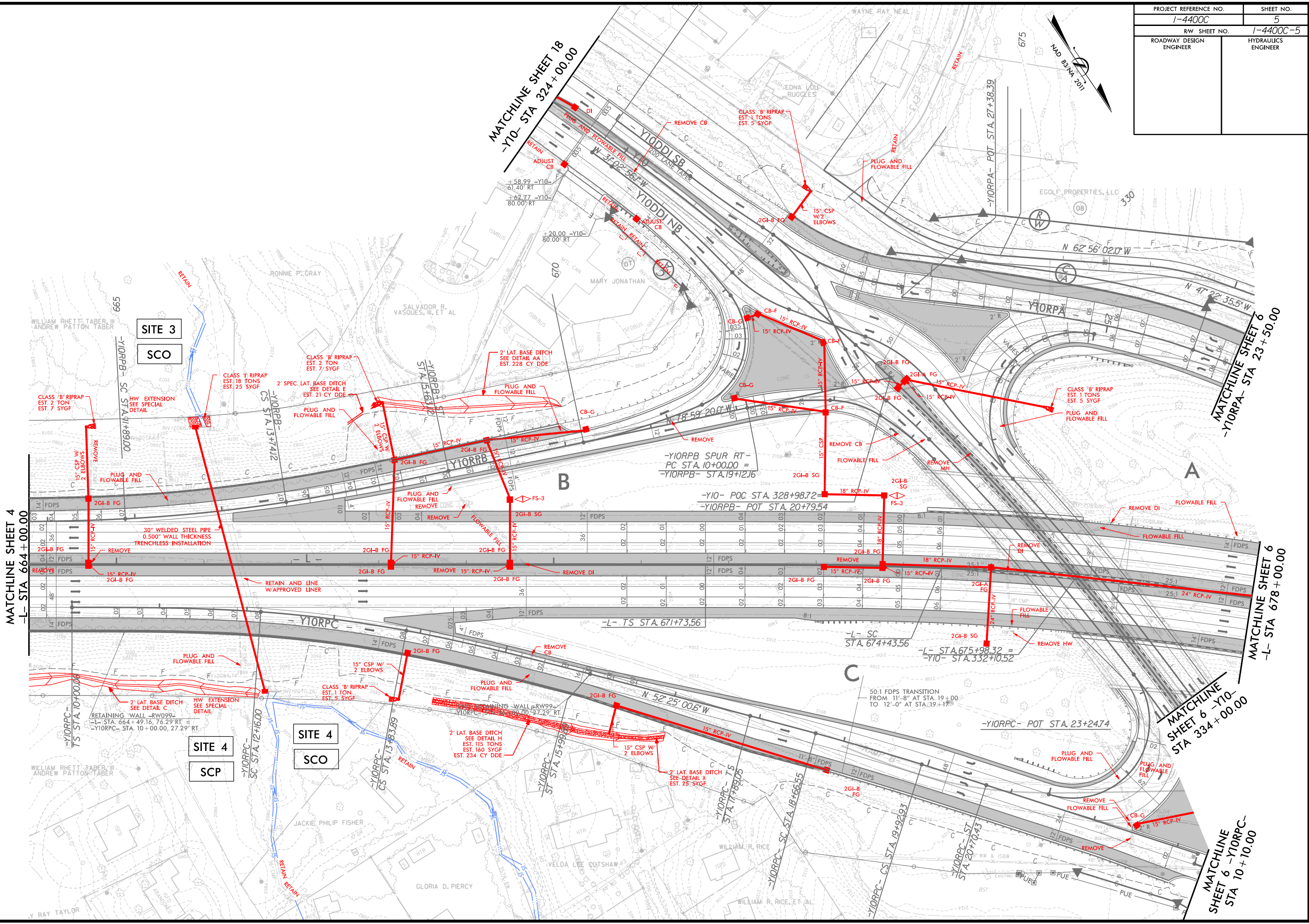
NOTE: SEE PLANS FOR SUPERELEVATIONS, TURN LANES, MONOLITHIC ISLANDS, CURB AND GUTTER, AND LANE TAPER LOCATIONS.

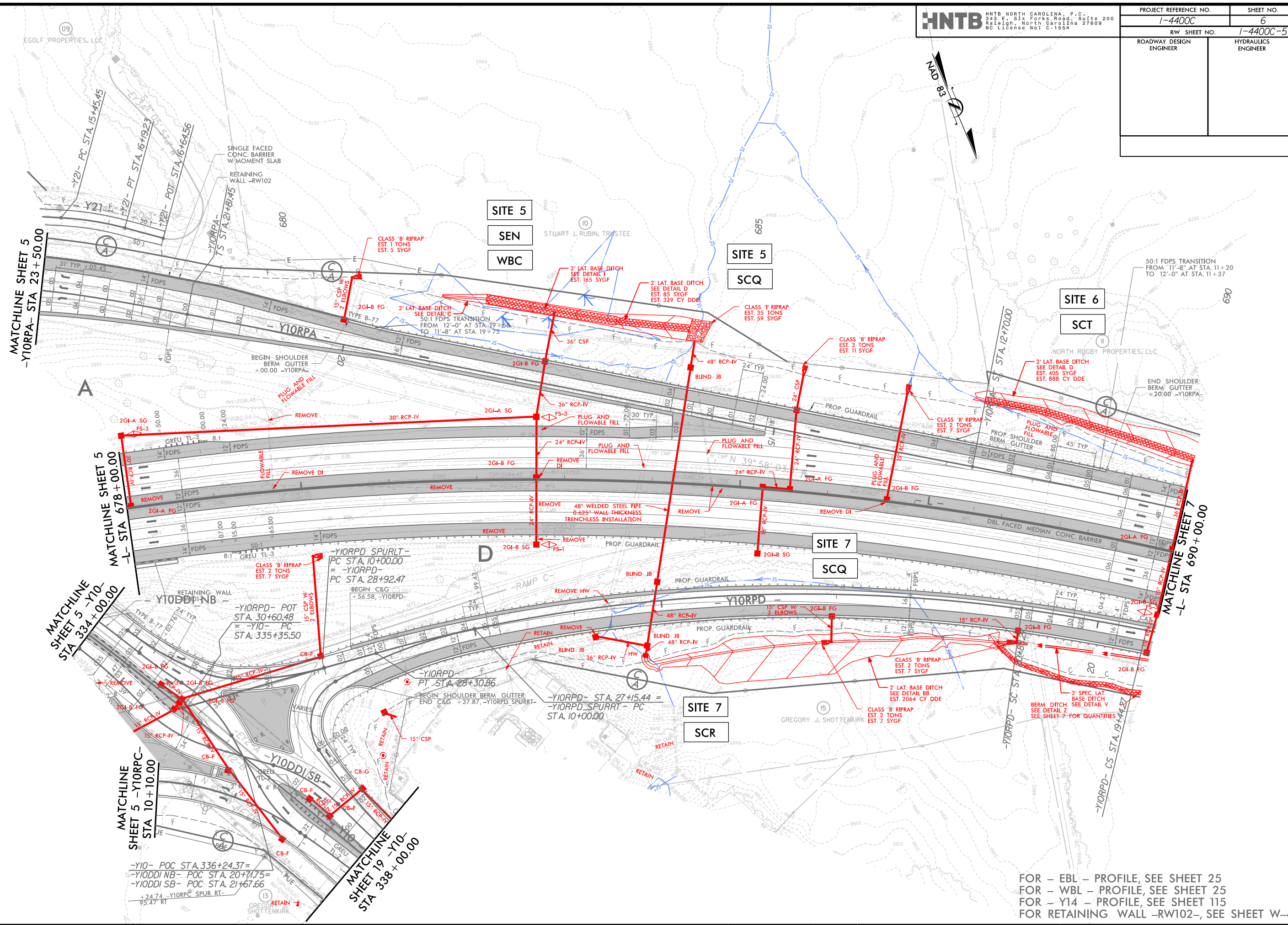


FOR -EY- PAVEMENT/BRIDGE RELATIONSHIP SKETCH, SEE SHEET 2B-3
FOR -EBL- PROFILE, SEE SHEET 23
FOR -WBL- PROFILE, SEE SHEET 23
FOR RETAINING WALL -RW99-, SEE SHEET W-1
FOR RETAINING WALL -RW100-, SEE SHEET W-2

8/17/99
1/8 2018
I:\8 2018\14400C_HYD_PRM_PSH_05.dgn
HNTB

PROJECT REFERENCE NO.	SHEET NO.
1-4400C	5
RW SHEET NO.	1-4400C-5
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER





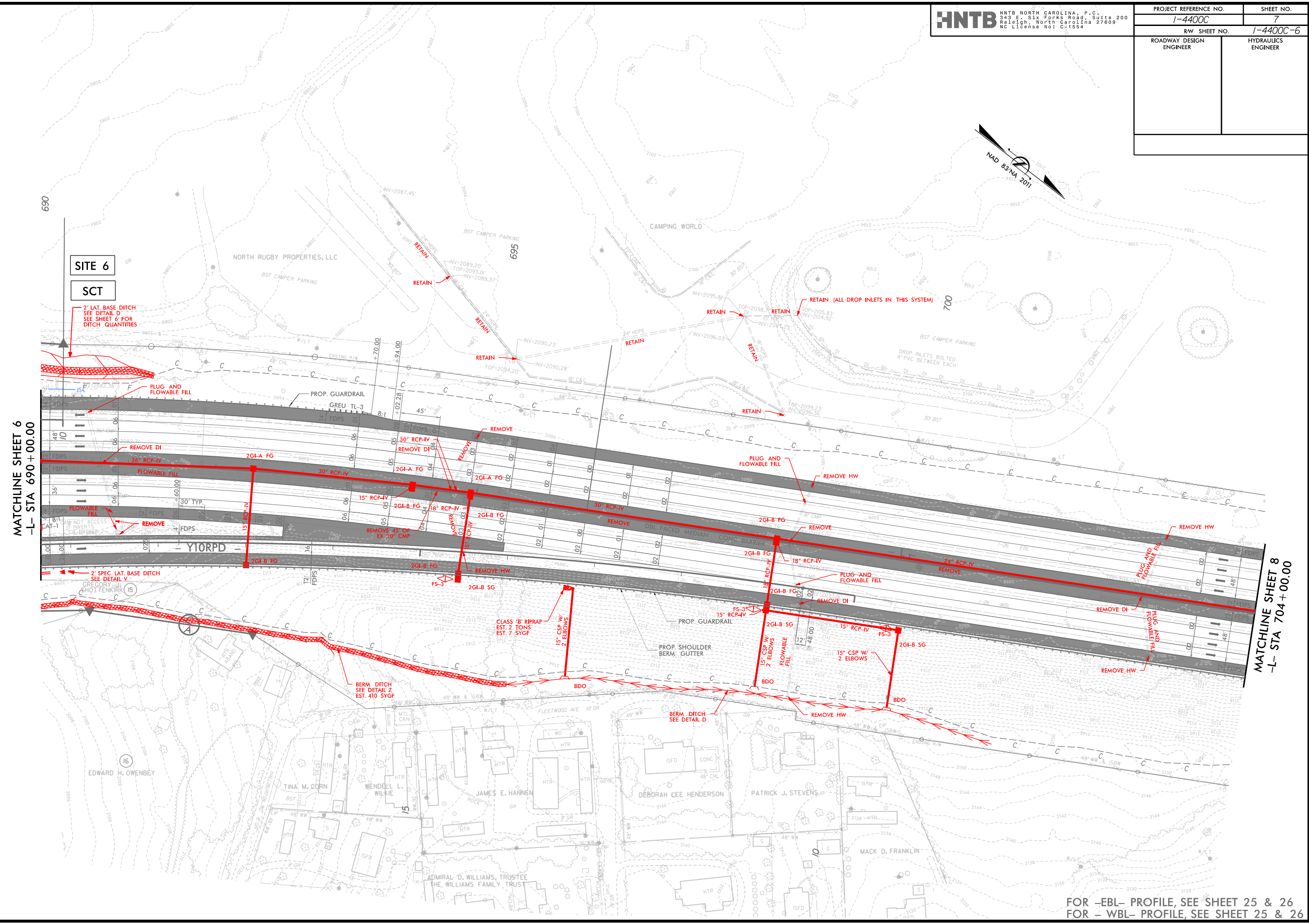
FOR - EBL - PROFILE, SEE SHEET 25
FOR - WBL - PROFILE, SEE SHEET 25
FOR - Y14 - PROFILE, SEE SHEET 115
FOR RETAINING WALL -RW102-, SEE SHEET W-4

7/19/2017

1/8/2018
1-4400C-HYD-PRM_PSH_07.dgn
HNTB

HNTB
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C51554

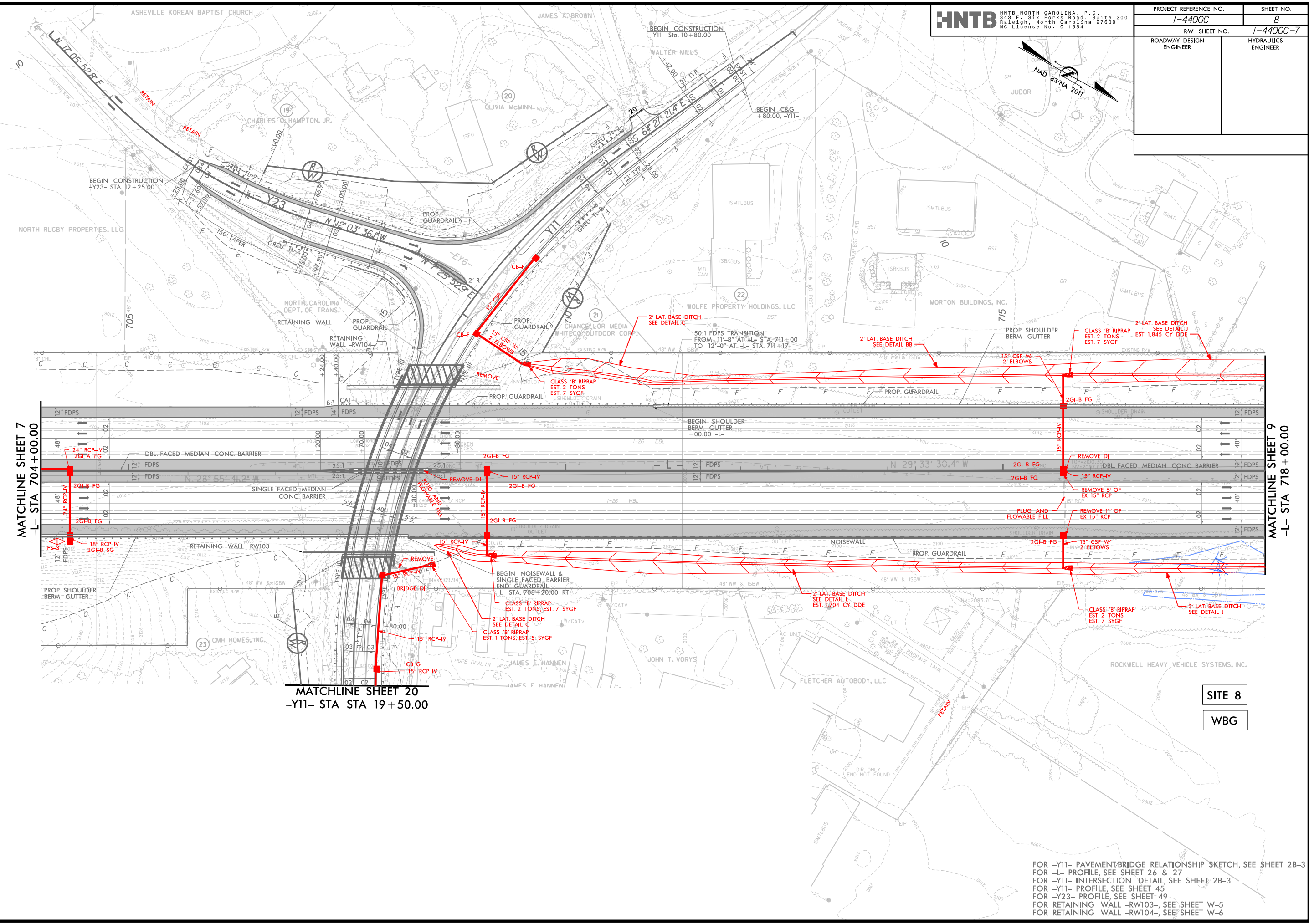
PROJECT REFERENCE NO.		SHEET NO.
1-4400C		7
RW SHEET NO.		1-4400C-6
ROADWAY DESIGN ENGINEER		
HYDRAULICS ENGINEER		



FOR -EBL- PROFILE, SEE SHEET 25 & 26
FOR -WBL- PROFILE, SEE SHEET 25 & 26

7/19/2017

1/9/2019 1-4400C-HYR_PRR_PSH_08.dgn
HNTB



HNTB
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PROJECT REFERENCE NO. 1-4400C		SHEET NO. 8
RW SHEET NO. 1-4400C-7		
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	

NAD 83 NA 2011

FOR -Y11- PAVEMENT/BIDGE RELATIONSHIP SKETCH, SEE SHEET 2B-3
FOR -L- PROFILE, SEE SHEET 26 & 27
FOR -Y11- INTERSECTION DETAIL, SEE SHEET 2B-3
FOR -Y11- PROFILE, SEE SHEET 45
FOR -Y23- PROFILE, SEE SHEET 49
FOR RETAINING WALL -RW103-, SEE SHEET W-5
FOR RETAINING WALL -RW104-, SEE SHEET W-6

7/19/2017

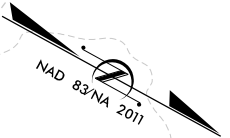
1/9/2019 1-4400C_HYD_PFM_PSH_09.dgn

HNTB

HNTB

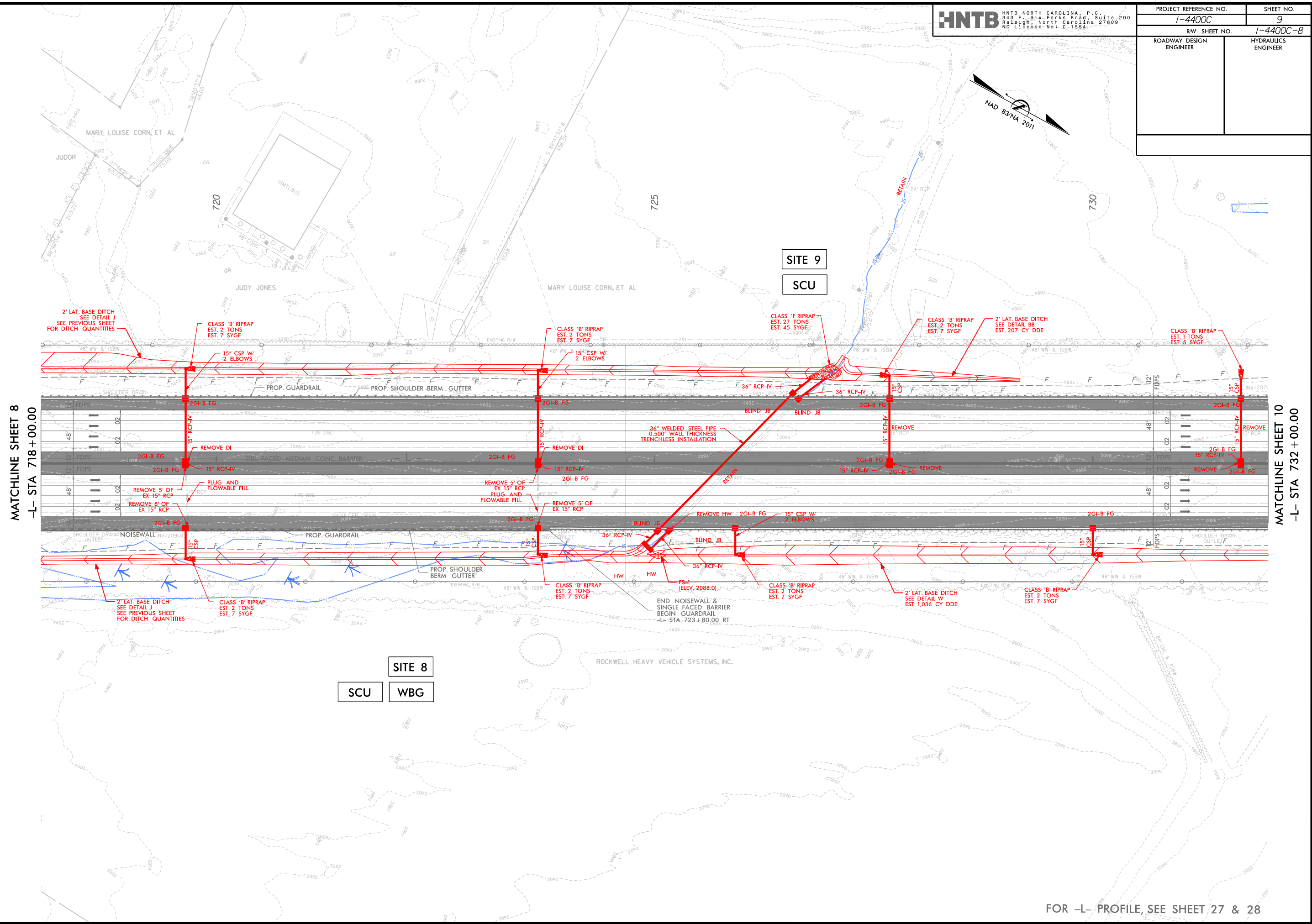
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No. C-1554

PROJECT REFERENCE NO.		SHEET NO.
1-4400C		9
RW SHEET NO.		1-4400C-8
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	

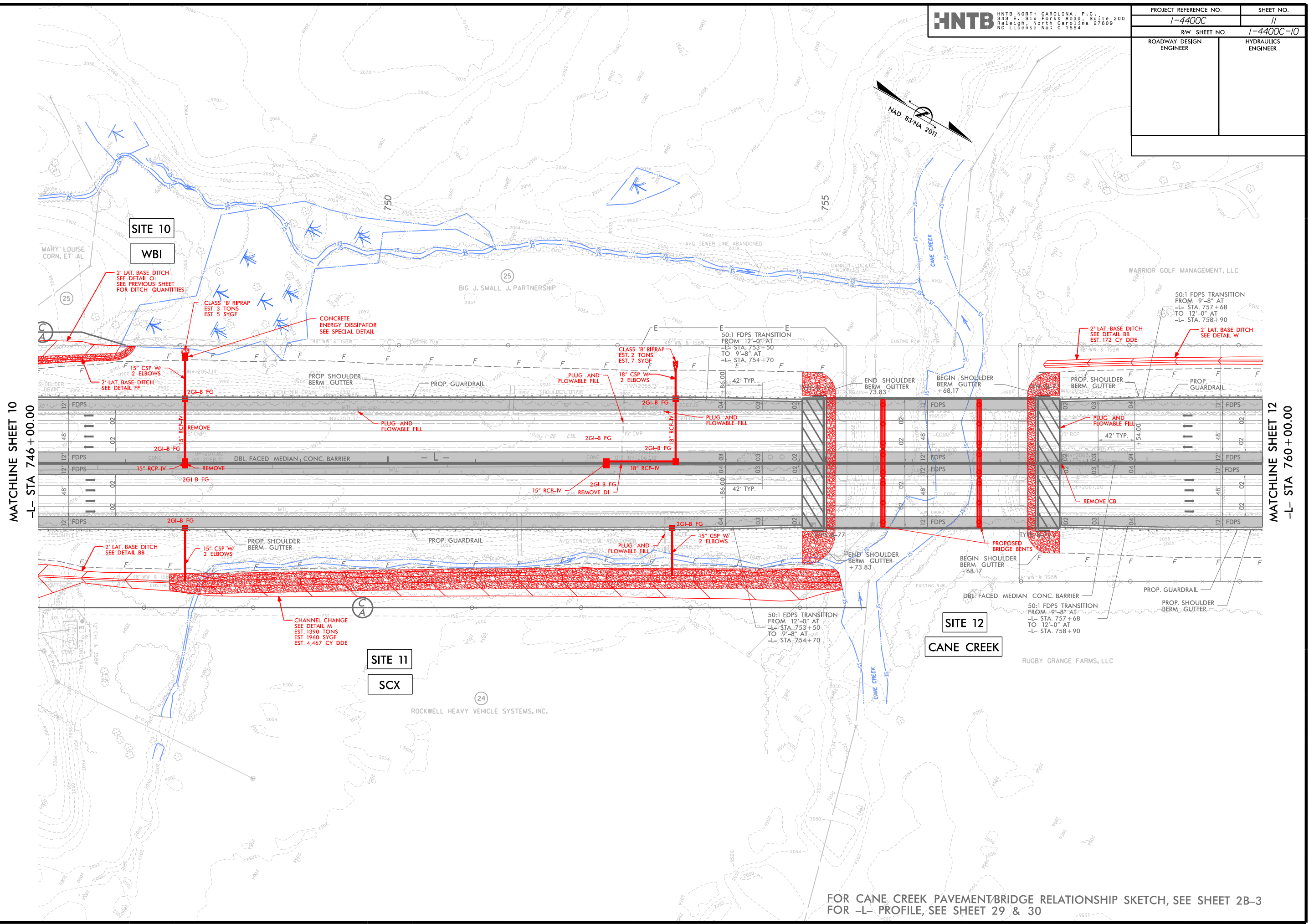


MATCHLINE SHEET 8
-L- STA 718 + 00.00

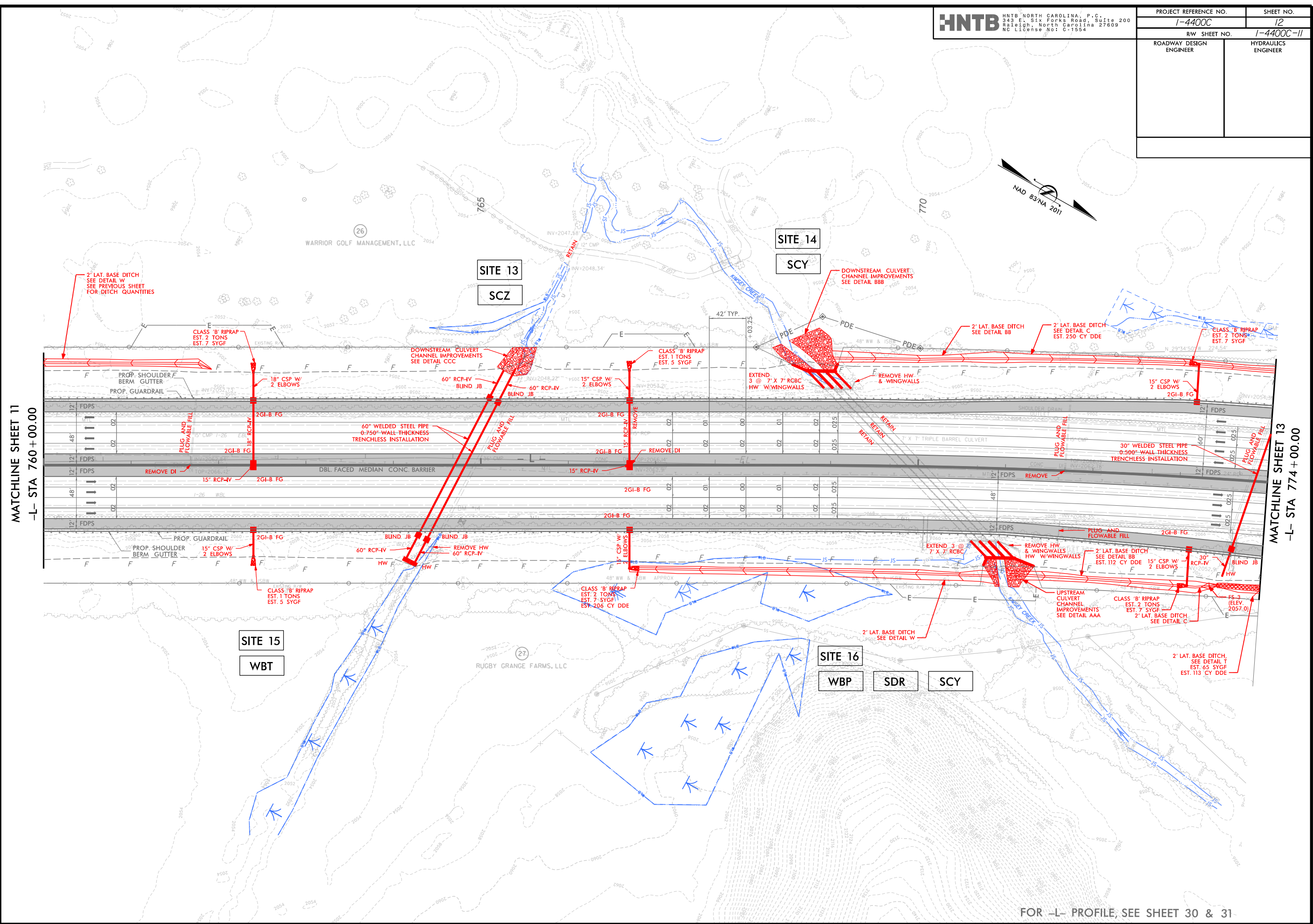
MATCHLINE SHEET 10
-L- STA 732 + 00.00



FOR -L- PROFILE, SEE SHEET 27 & 28



FOR CANE CREEK PAVEMENT/BRIDGE RELATIONSHIP SKETCH, SEE SHEET 2B-3
FOR -L- PROFILE, SEE SHEET 29 & 30



7/19/2017

1/9/2019
I-4400C_HYD_PFM_PSH-13.dgn
HNTB

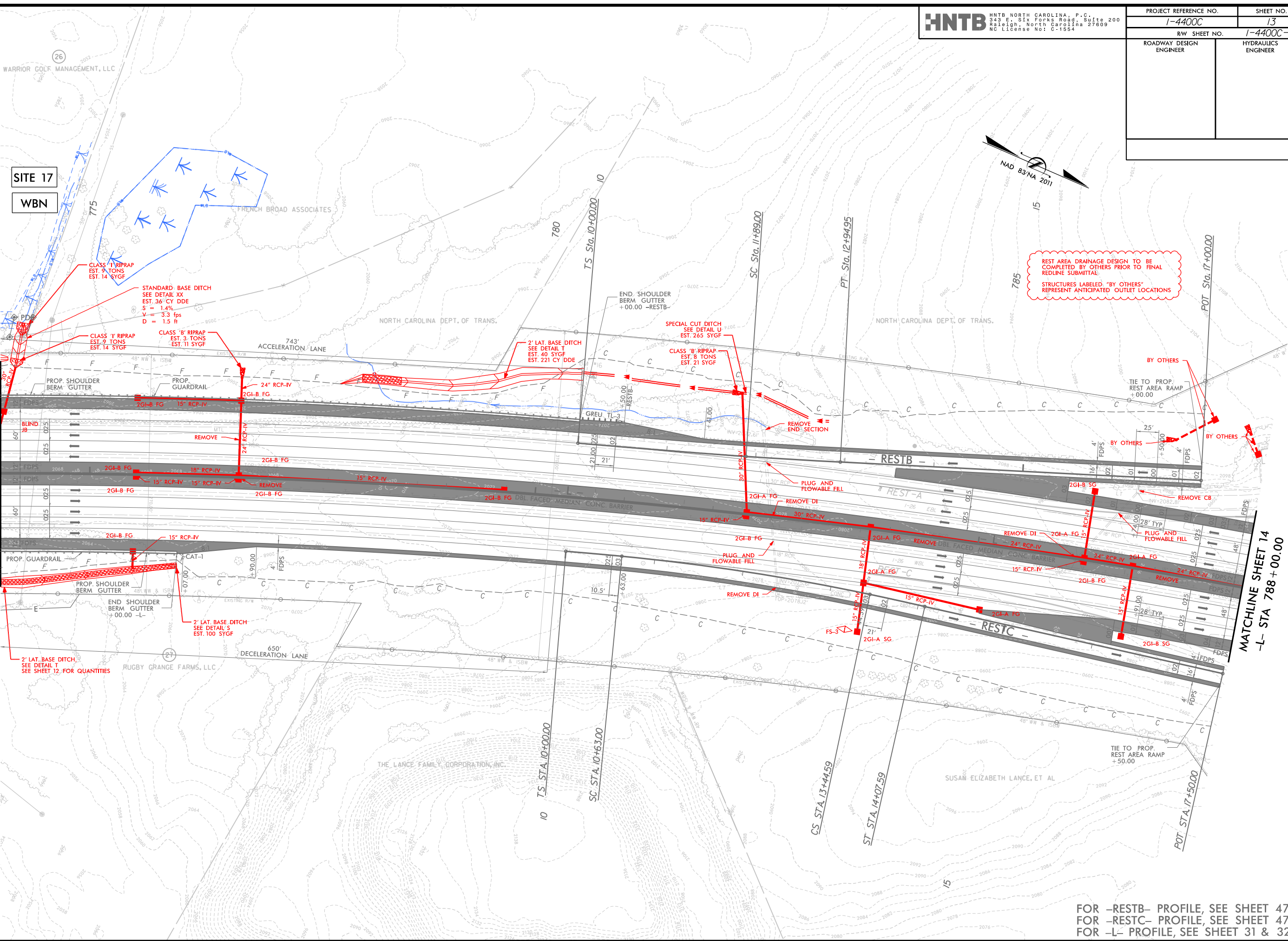
HNTB

HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PROJECT REFERENCE NO.		SHEET NO.
I-4400C		13
RW SHEET NO.		I-4400C-12
ROADWAY DESIGN ENGINEER		
HYDRAULICS ENGINEER		

MATCHLINE SHEET 12

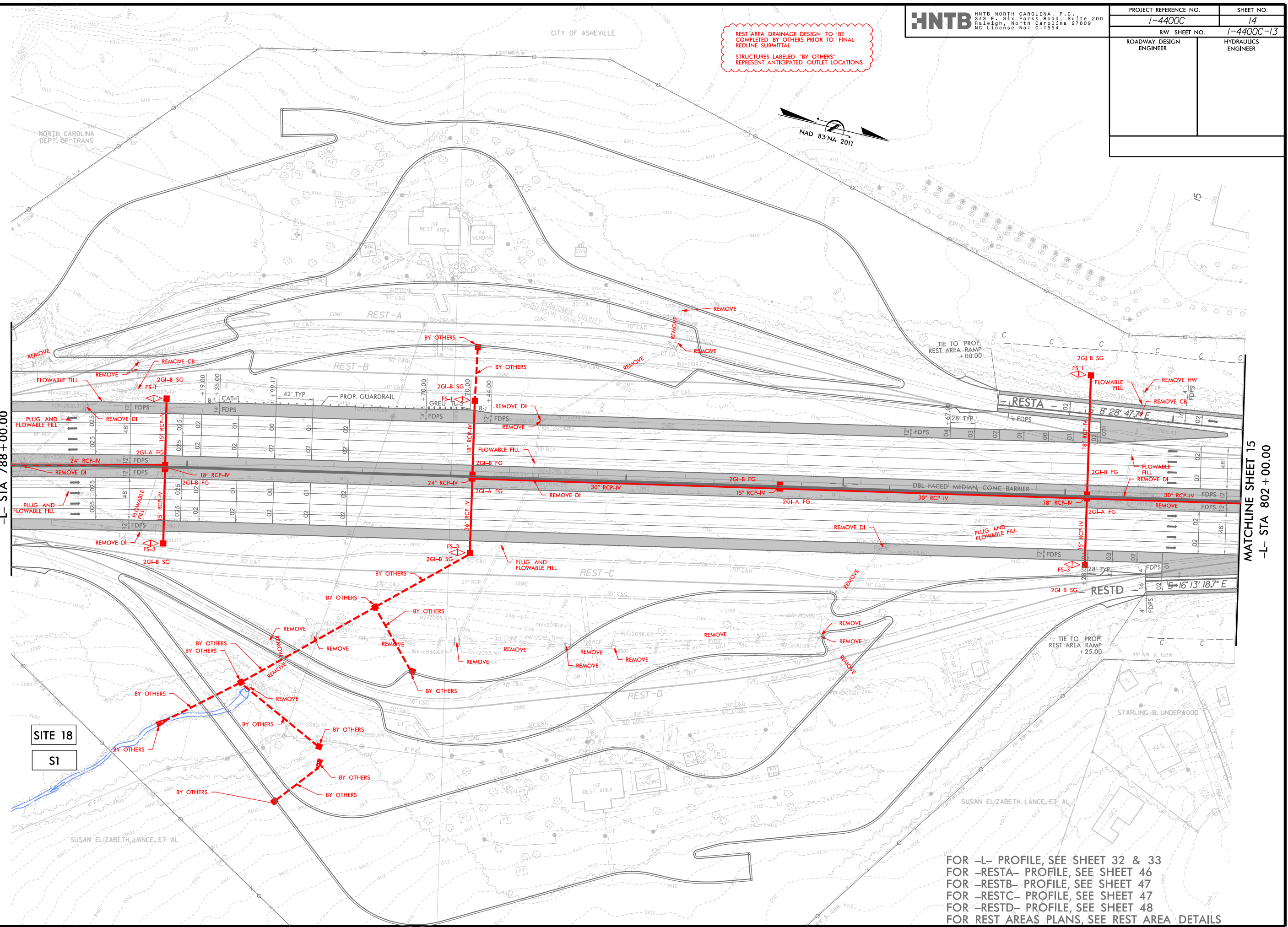
-L- STA 774+00.00



MATCHLINE SHEET 14
-L- STA 788+00.00

FOR -RESTB- PROFILE, SEE SHEET 47
FOR -RESTC- PROFILE, SEE SHEET 47
FOR -L- PROFILE, SEE SHEET 31 & 32

1/9/2019
...\\I-4400C-HYD-PRM_PSH_14.dgn
HNTR

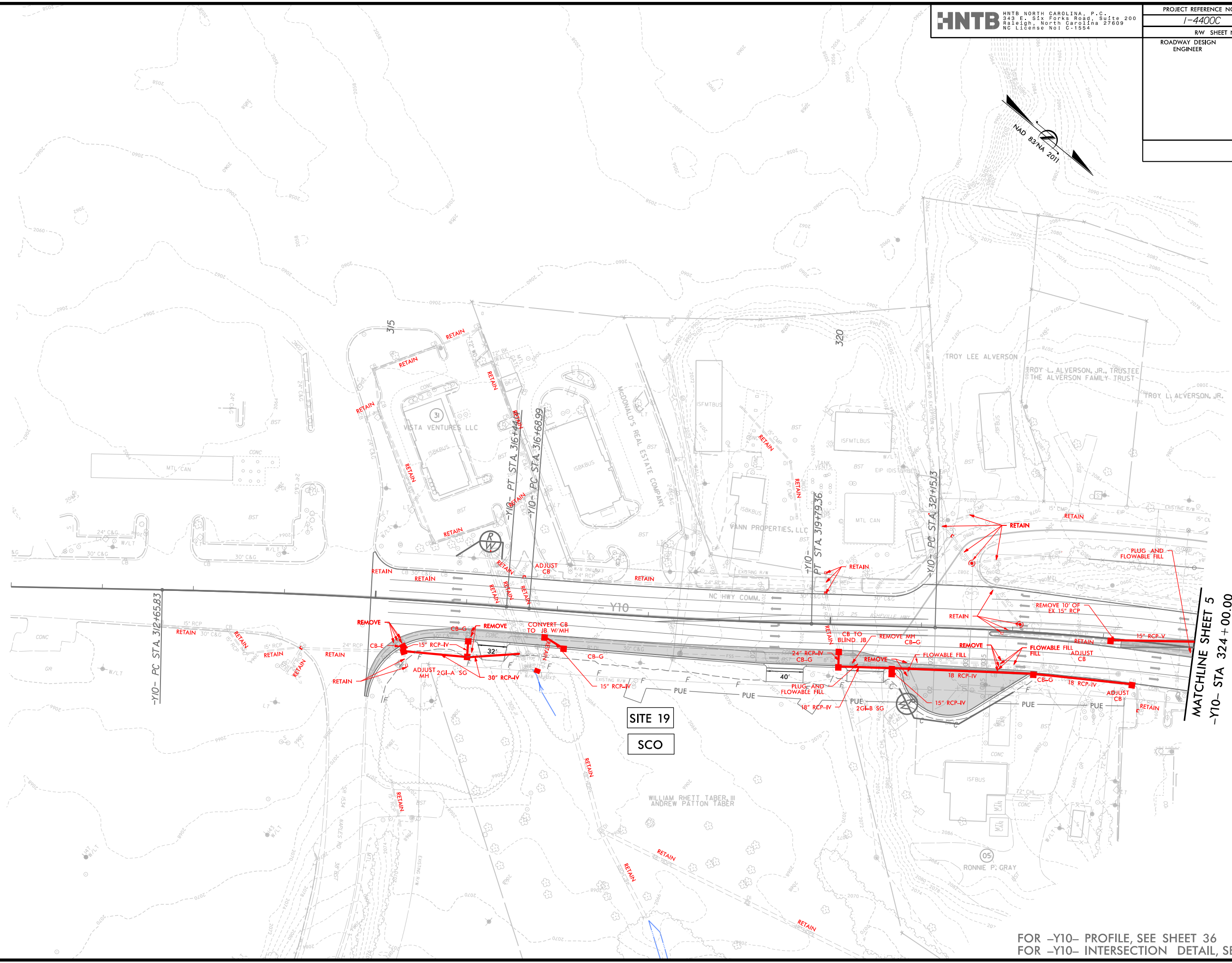
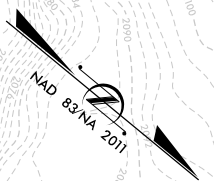


7/19/2017

1/9/2019
1-4400C-HYD.PRM.PSH.18.dgn
HNTB

HNTB
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PROJECT REFERENCE NO.		SHEET NO.
1-4400C		18
RW SHEET NO.		1-4400C-45
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER	



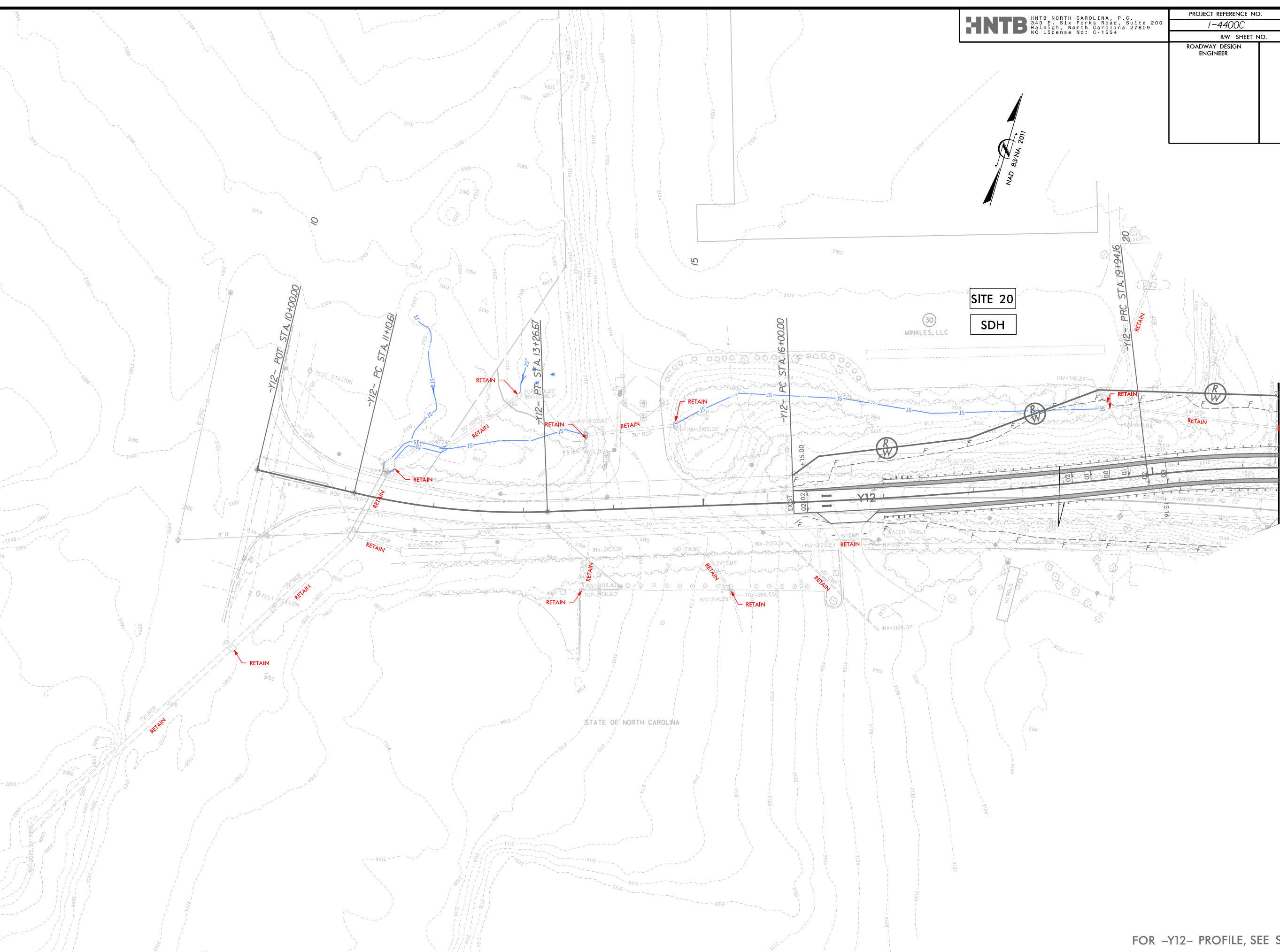
SITE 19
SCO

MATCHLINE SHEET 5
-Y10- STA 324+00.00

FOR -Y10- PROFILE, SEE SHEET 36
FOR -Y10- INTERSECTION DETAIL, SEE SHEET 2B-2

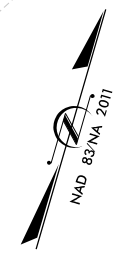
1/8/2018
I-4400C_HYD_PRM_PSH_21.dgn
HNTB

8/22/2017



HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

PROJECT REFERENCE NO.		SHEET NO.
I-4400C		21
RW SHEET NO.		I-4400C-49
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER



SITE 20
SDH

MATCHLINE SHEET 15
-Y12- STA 21+40.00

FOR -Y12- PROFILE, SEE SHEET 45