



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE  
GOVERNOR

EUGENE A. CONTI, JR.  
SECRETARY

December 3, 2010

NCDENR Winston-Salem Regional Office  
Division of Water Quality  
585 Waughtown Street  
Winston-Salem, NC 27107

ATTN: Ms. Amy Euliss  
NCDOT Division 7 Coordinator

SUBJECT: **Supplement to Application for Section 404 Individual Permit and Section 401 Individual Water Quality Certification** for the proposed widening of U.S. 29 Business (Freeway Drive) from SR 2670 (South Scales Street) to NC 14 in Reidsville, Rockingham County, Division 7. Federal Aid Project No. STP-29B (1), State Project No. 8.1511901, WBS Element No. 34924.1.1, T.I.P. Project No. U-3326 A and B.

REFERENCE: Application for Section 404 Individual Permit and Section 401 Individual Water Quality Certification, dated August 31, 2010

Dear Madam:

Enclosed please find the supplemental packet of revised permit drawings that you requested. The revisions made to the drawings did not change any of the jurisdictional impacts associated with the project. The revisions were made at the following Sites:

1) **Sites 1 and 6:** A low flow sill will be used at the pipe entrance to divert flow at the entrance to only one barrel. Both the low flow sill and a detail of the low flow sill are now shown on the permit drawings.

2) **Site 7:** A note was added to the drawings to show where the jurisdictional stream begins.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS  
1598 MAIL SERVICE CENTER  
RALEIGH, NC 27699-1598

TELEPHONE: 919-431-2000  
FAX: 919-431-2001  
WEBSITE: [WWW.NCDOT.ORG](http://WWW.NCDOT.ORG)

**PHYSICAL ADDRESS:**  
4701 ATLANTIC AVE.  
SUITE 116  
RALEIGH, NC 27604

3) **Plan Sheet 17 (Permit Drawing Sheet 45 of 58)**. Detail Z (associated with Site 9) has been updated to reflect no rip rap in the stream bed and an enlargement of Detail Z has been included.

4) **Site 15A**: The rip rap pad associated with the stormwater pipe was removed from the drawings since the pipe outlets into a proposed ditch with rip rap.

A copy of these revised permit drawings will be posted on the NCDOT website at <http://www.ncdot.org/doh/preconstruct/pe/neu/Permit.html>. Thank you for your time and assistance with this project. Please contact Jim Mason at either [jmason@ncdot.gov](mailto:jmason@ncdot.gov) or (919) 431-1593 if you have any questions or need additional information.

Sincerely,



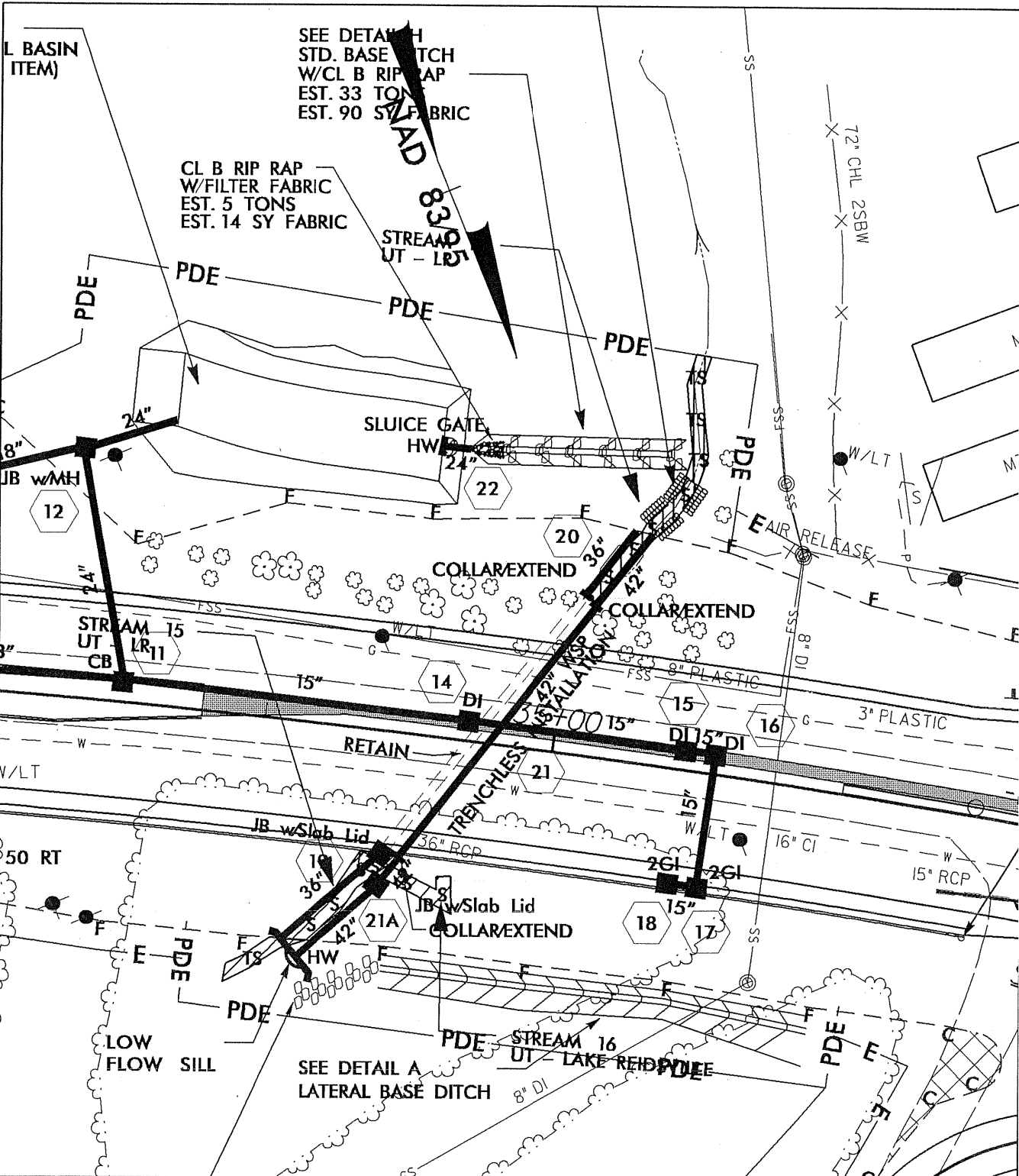
*for* Gregory J. Thorpe, Ph.D.  
Environmental Management Director, PDEA

**Cc w/attachment:**

Mr. Brian Wrenn, NCDWQ  
Mr. Andrew Williams, USACE  
Ms. Jennifer Derby, USEPA

**Cc w/o attachment (see website for attachments):**

Dr. David Chang, P.E., Hydraulics Unit  
Mr. Greg Perfetti, P.E., Structure Design Unit  
Mr. Victor Barbour, P.E., Project Services Unit  
Mr. Mark Staley, Roadside Environmental Unit  
Mr. J. M. Mills, P.E., Division 7 Engineer  
Mr. Jerry Parker, Division 7 DEO  
Mr. Jay Bennett, P.E., Roadway Design Unit  
Mr. Majed Alghandour, P. E., Programming and TIP  
Mr. Art McMillan, P.E., Highway Design Unit  
Ms. Karen Reynolds, PDEA Project Planning Engineer  
Mr. Scott McLendon, USACE, Wilmington  
Mr. Gary Jordan, USFWS  
Mr. Travis Wilson, NCWRC  
Ms. Beth Harmon, EEP  
Mr. Phillip Ayscue, NCDOT External Audit Branch  
Mr. Drew Joyner, PE, Human Environment Unit Head  
Mr. Clarence W. Coleman, P.E., FHWA




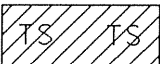
SEE DETAIL H  
 STD. BASE SLITCH  
 W/CL B RIP RAP  
 EST. 33 TONS  
 EST. 90 SY FABRIC

CL B RIP RAP  
 W/FILTER FABRIC  
 EST. 5 TONS  
 EST. 14 SY FABRIC

L BASIN  
 (ITEM)



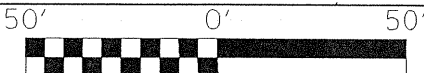
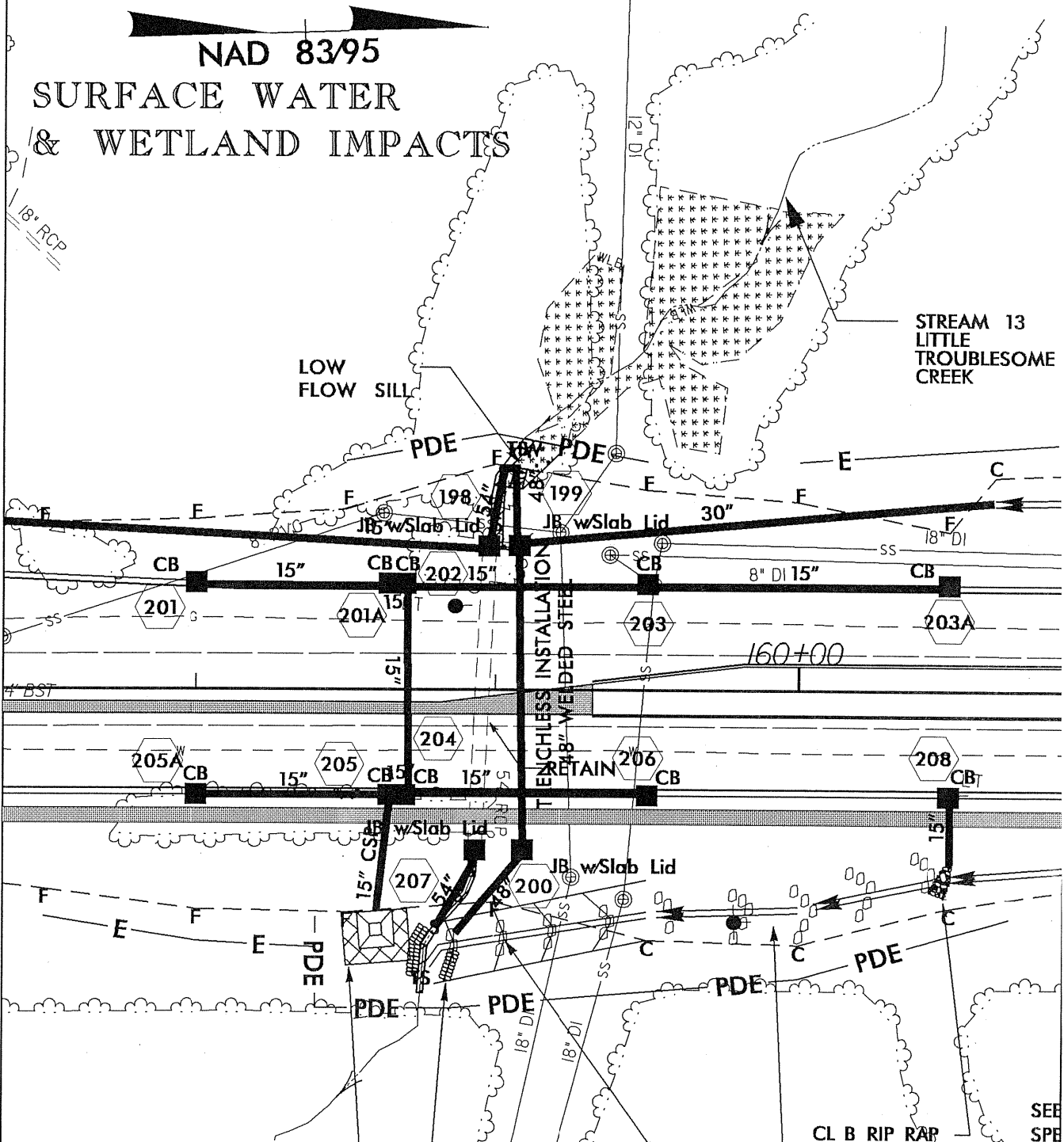
**SITE 1 & 1A**  
**SURFACE WATER IMPACTS**

-  DENOTES IMPACTS IN SURFACE WATER
-  DENOTES TEMPORARY IMPACTS IN SURFACE WATER

**NCDOT**  
 DIVISION OF HIGHWAYS  
 ROCKINGHAM COUNTY  
 PROJECT: 34924.1.1 (U-3326A/B)  
 US 29 BUSINESS FROM  
 SR 2670 (SOUTH SCALES ST.)  
 TO NC 14 IN REIDSVILLE

07/02/09  
 SHEET 5 OF 58 REV. 11/02/10

NAD 83/95  
SURFACE WATER  
& WETLAND IMPACTS



SITE 6

- DENOTES MECHANIZED CLEARING
- DENOTES FILL IN WETLAND
- DENOTES IMPACTS IN SURFACE WATER
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER

NCDOT  
DIVISION OF HIGHWAYS  
ROCKINGHAM COUNTY  
PROJECT: 34924.1.1 (U-3326A / B)  
US 29 BUSINESS FROM  
SR 2670 (SOUTH SCALES ST.)  
TO NC 14 IN REIDSVILLE

SHEET 12 OF 58

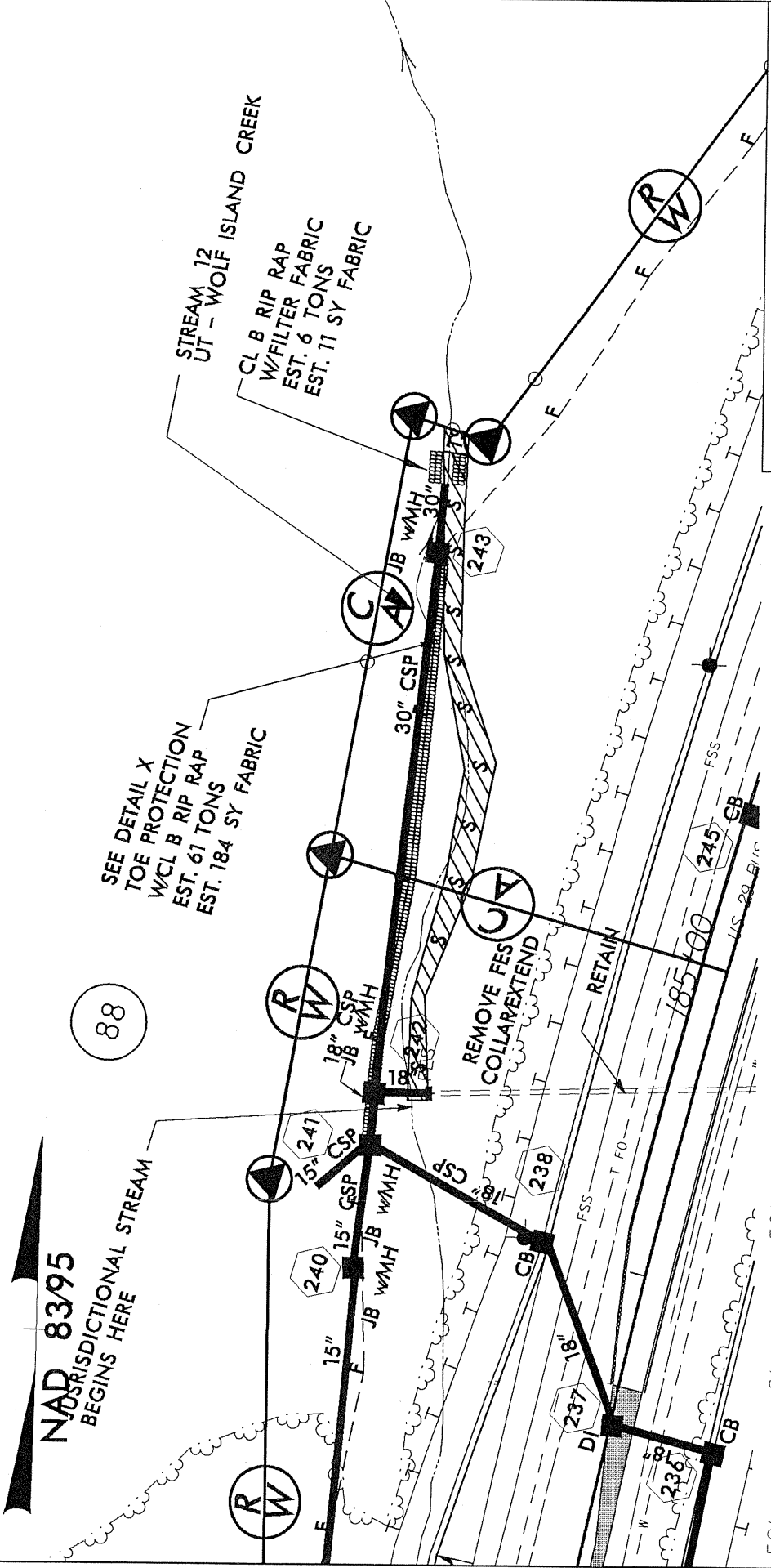
REVISED 11/03/10  
07/02/09

NAD 83/95  
JURISDICTIONAL STREAM  
BEGINS HERE

88

SEE DETAIL X  
TOE PROTECTION  
W/CL B RIP RAP  
EST. 67 TONS  
EST. 184 SY FABRIC

STREAM 12  
UT - WOLF ISLAND CREEK  
CL B RIP RAP  
W/FILTER FABRIC  
EST. 6 TONS  
EST. 11 SY FABRIC



NCDOT

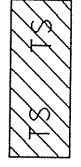
DIVISION OF HIGHWAYS  
ROCKINGHAM COUNTY  
PROJECT: 34924.1.1 (U-3326A / B)

US 29 BUSINESS FROM  
SR 2670 (SOUTH SCALES ST.)  
STO NC 14 IN REIDSVILLE

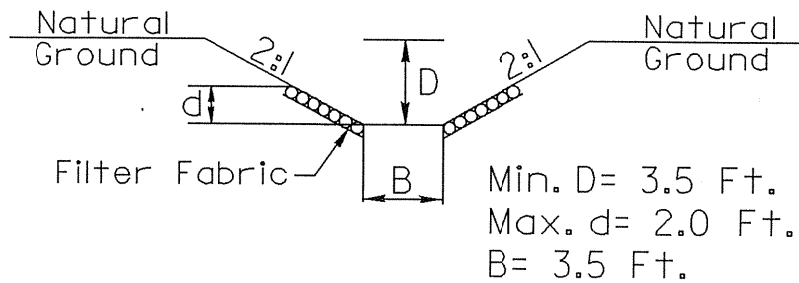
SHEET 13 OF 58  
REVISED 11/04/2010  
07/02/09

SITE 7  
SURFACE WATER IMPACTS

 DENOTES IMPACTS IN SURFACE WATER

 DENOTES TEMPORARY IMPACTS IN SURFACE WATER

DETAIL Z  
CHANNEL RELOCATION  
(Not to Scale)



Type of Liner = CL Rip-Rap

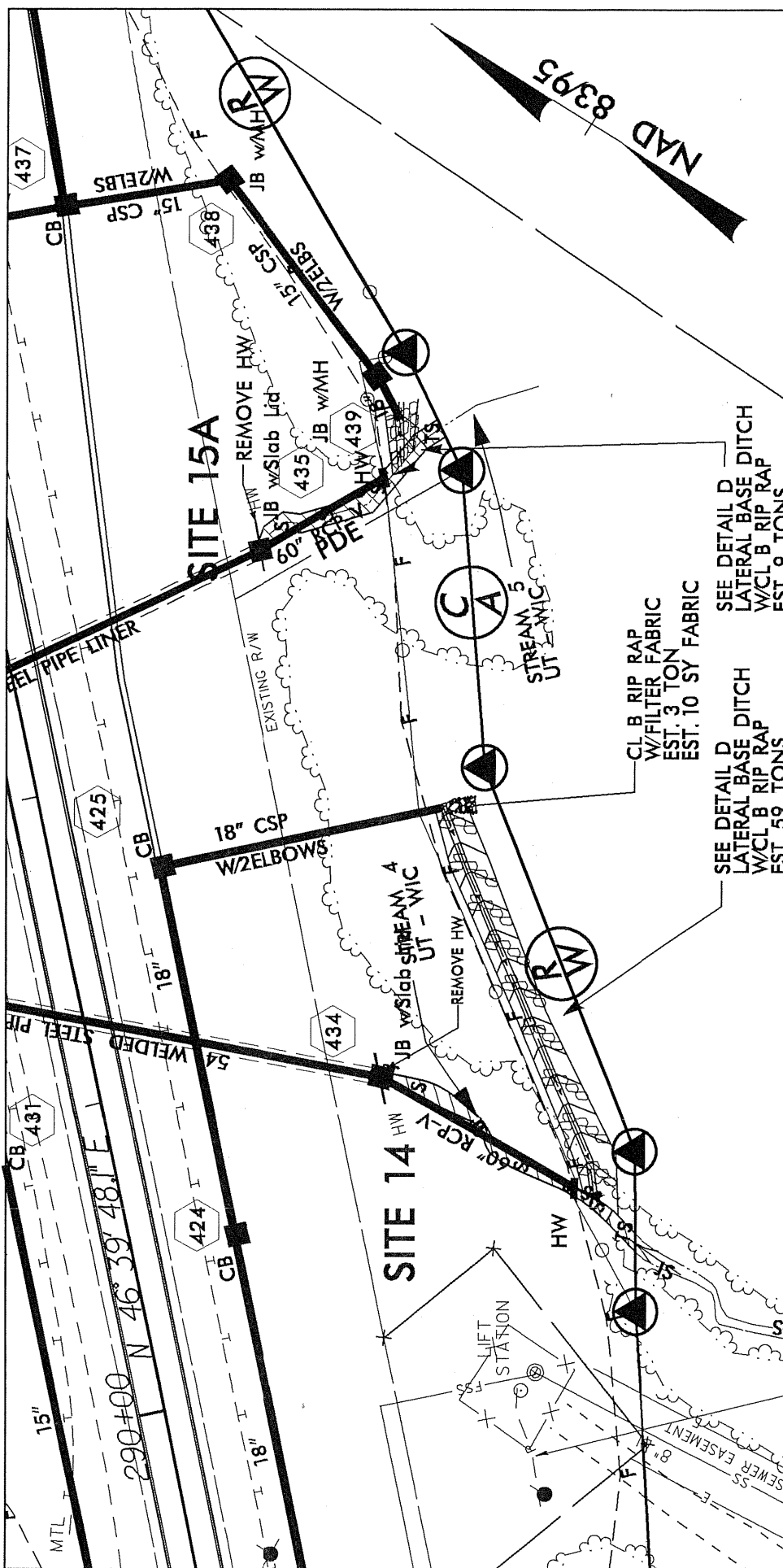
FROM -L- STA. 210+10 Lt.  
DDE = 43 CY

DETAIL Z ENLARGEMENT  
(NOT TO SCALE)

N. C. DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
ROCKINGHAM COUNTY

PROJECT: 34924.1.1 (U3326A/B)  
US 29 BUSINESS FROM  
SR 2670 (SOUTH SCALES ST.)  
TO NC 14 IN REIDSVILLE

Permit Drawing  
Sheet 15A of 58

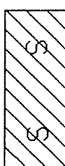


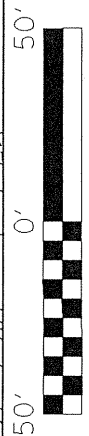
NCDOT

DIVISION OF HIGHWAYS  
 ROCKINGHAM COUNTY  
 PROJECT: 34924.1.1 (U-3326A/B)  
 US 29 BUSINESS FROM  
 SR 2670 (SOUTH SCALES ST.)  
 TO NC14 IN REIDSVILLE

SHEET 22 OF 58  
 REVISED 11/04/2010  
 07/02/09

SITES 14, 15A, 15B, & 15C  
 SURFACE WATER IMPACTS

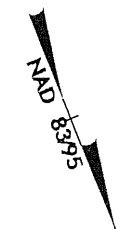
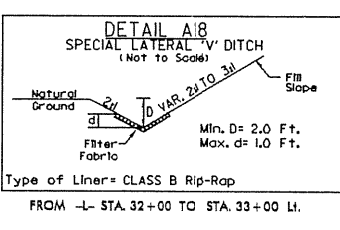
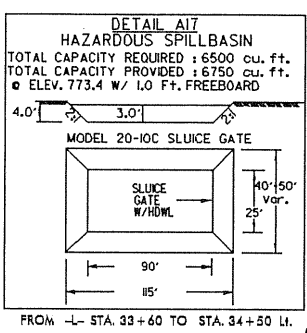
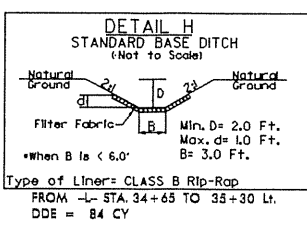
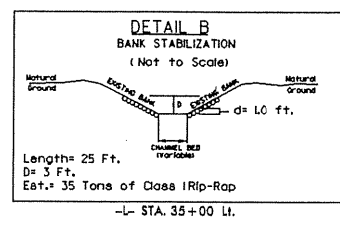
 DENOTES IMPACTS IN SURFACE WATER  
 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



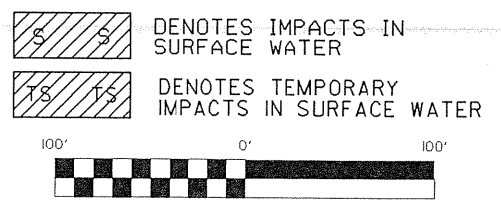
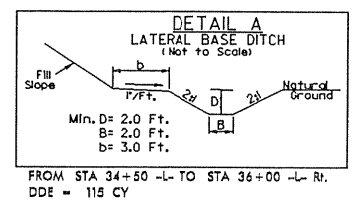
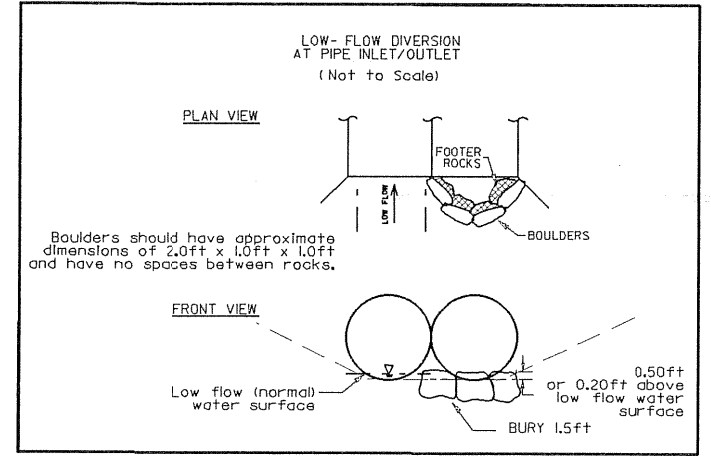
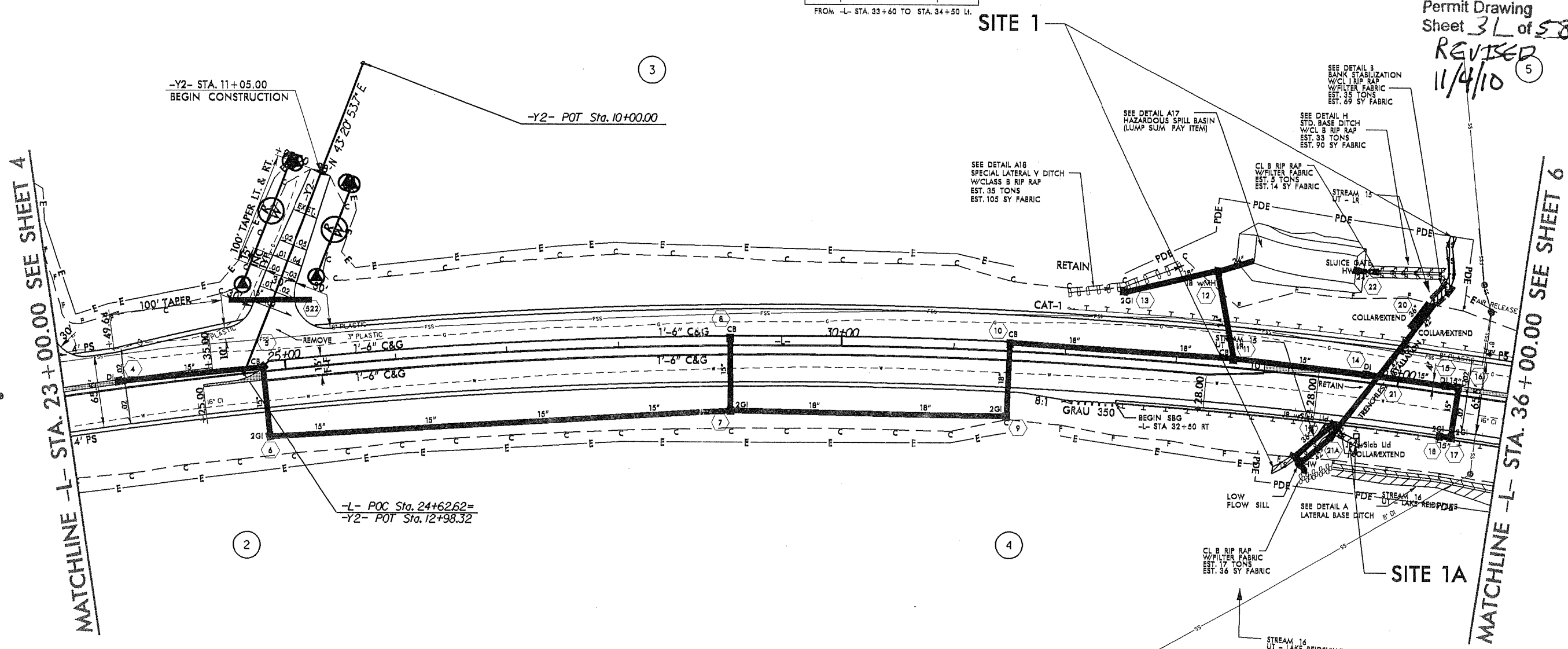
8/17/99

REVISIONS  
06/08/09 R/W REVISION (P/S) - PERMANENT DRAINAGE EASEMENT WAS EXTENDED ON PARCEL 6 (HOV) INFEANT CATHOLIC CHURCH'S FEET BACK TO START AT STA -L- 33+95.00 RT TO ACCOMMODATE THE REALIGNMENT OF THE 36" AND 42" PIPES TO THE EXISTING STREAM.

PROJECT REFERENCE NO. U-3326A/B	SHEET NO. 5
R/W SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER	
<b>PRELIMINARY PLANS</b> DO NOT USE FOR CONSTRUCTION	



Permit Drawing  
Sheet 3L of 58  
REVISED  
11/4/10 (5)

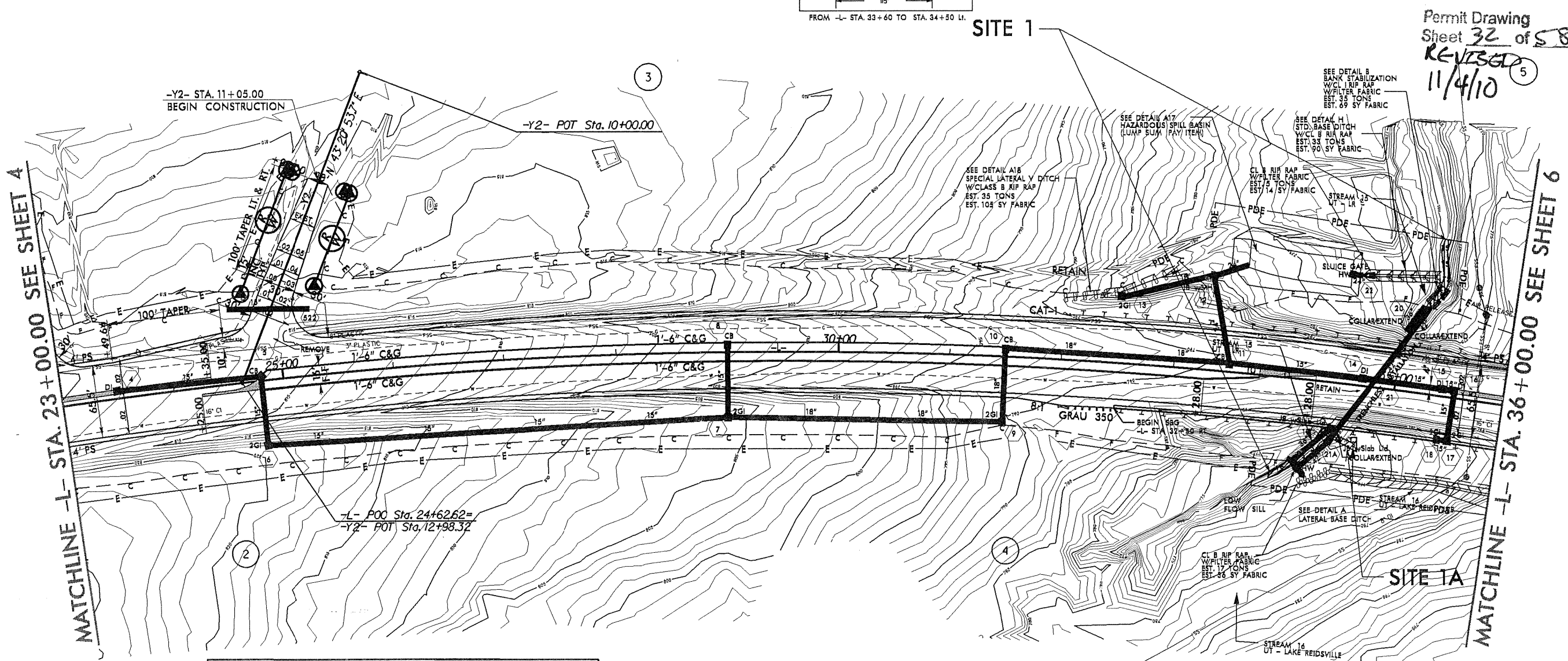
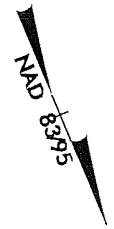
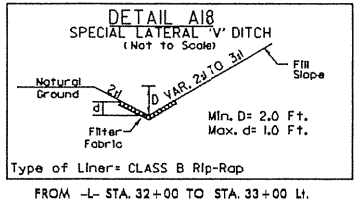
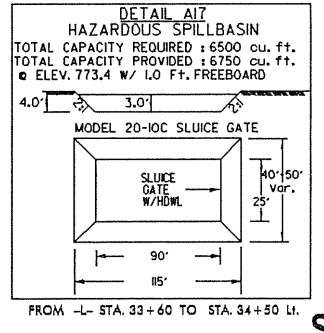
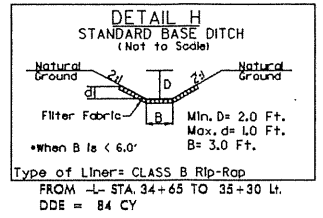
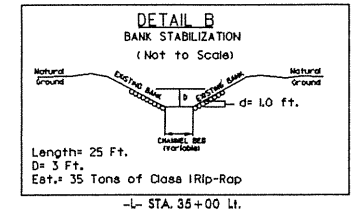


SBG=SHOULDER BERM GUTTER  
SEE SHEET 30 FOR -L- PROFILE  
SEE SHEET 43 FOR -Y2- PROFILE

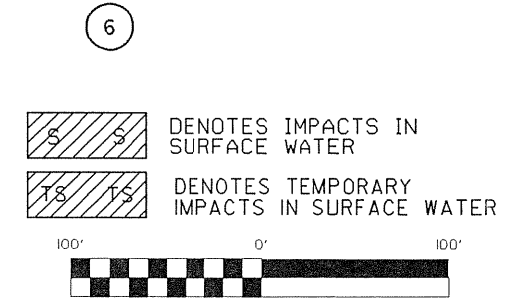
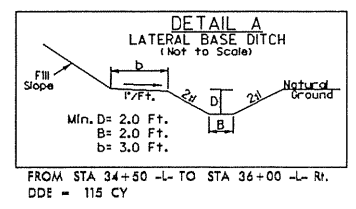
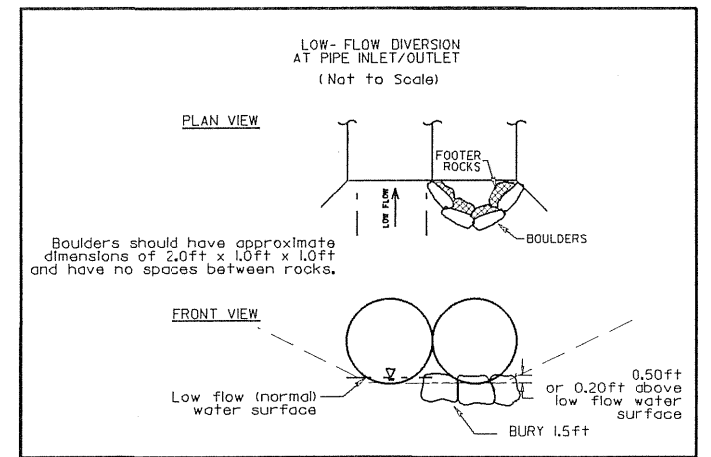


06/08/09 R/W REVISION (PJS) - PERMANENT DRAINAGE EASEMENT WAS EXTENDED ON PARCEL 6 (HOLY INFANT CATHOLIC CHURCH) 15 FEET BACK TO START AT STA -L- 33+95.00 RT. TO ACCOMMODATE THE REALIGNMENT OF THE 36" AND 42" PIPES TO THE EXISTING STREAM

8/17/99



Permit Drawing  
 Sheet 32 of 58  
 REVISED  
 11/4/10



SBG=SHOULDER BERM GUTTER  
 SEE SHEET 30 FOR -L- PROFILE  
 SEE SHEET 43 FOR -Y2- PROFILE

8/17/95

PROJECT REFERENCE NO. U-3326A/B	SHEET NO. 14
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

NAD 8395

REIDSVILLE CENTRE, LLC  
A NORTH CAROLINA LIMITED LIABILITY COMPANY

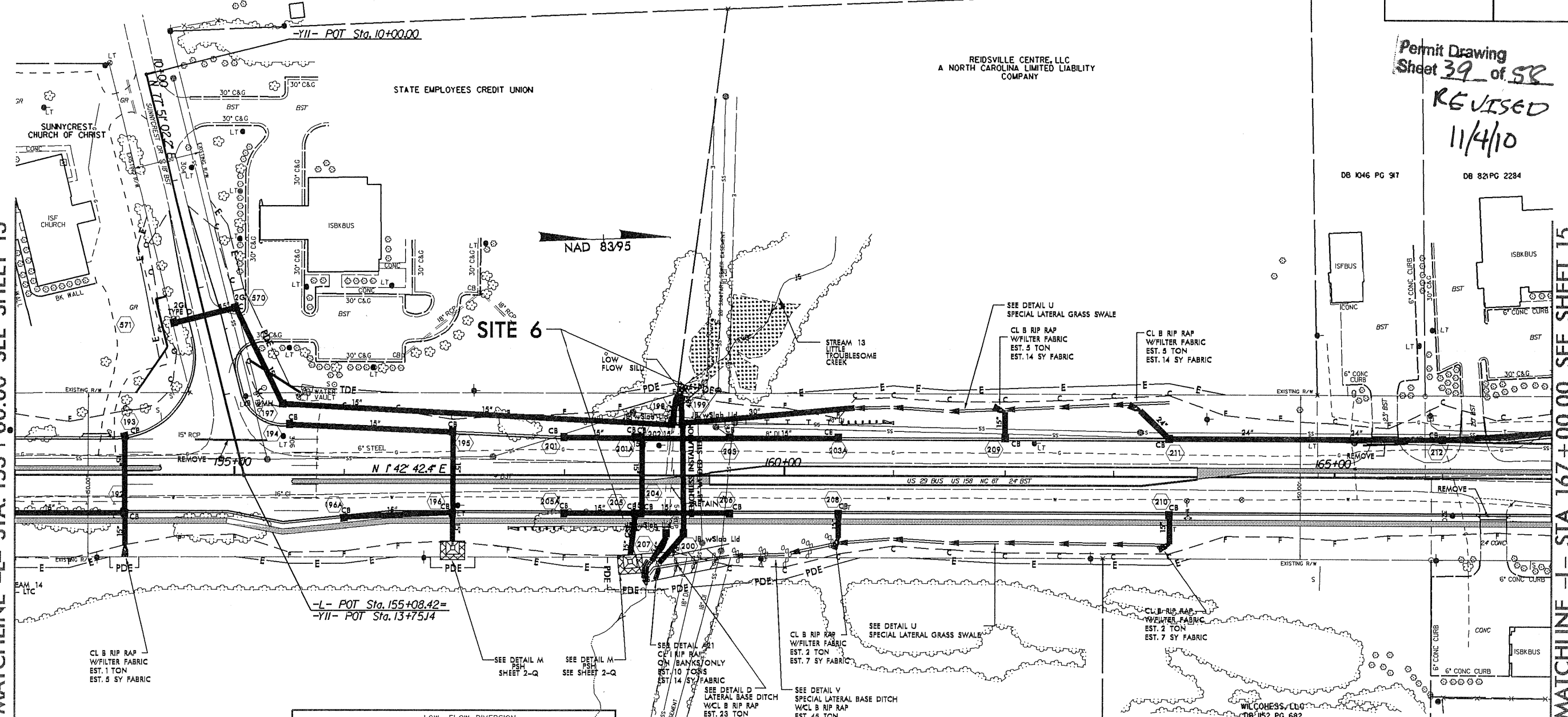
Permit Drawing  
Sheet 39 of 58  
**REVISED**  
11/4/10

DB 1046 PG 917

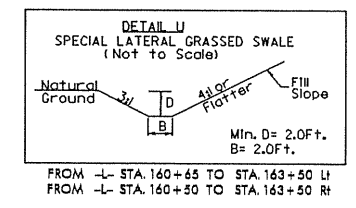
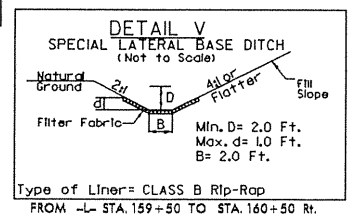
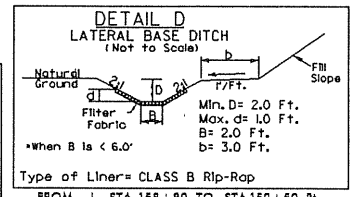
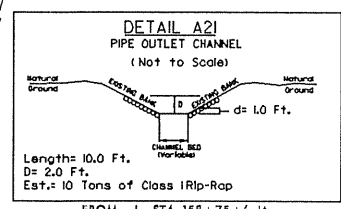
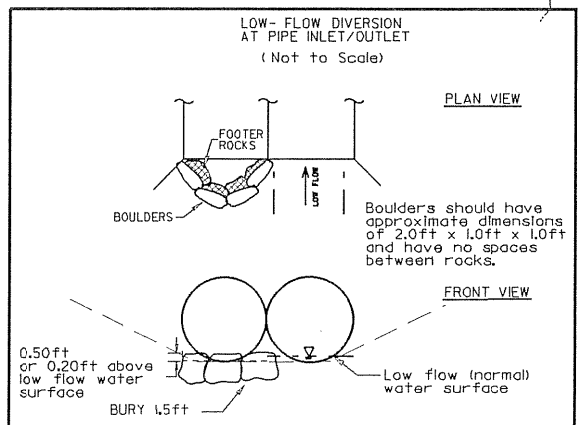
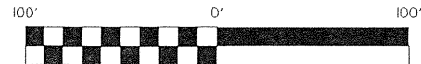
DB 821PG 2284

MATCHLINE -L- STA. 153+00.00 SEE SHEET 13

MATCHLINE -L- STA. 167+00.00 SEE SHEET 15



- DENOTES FILL IN WETLAND
- DENOTES MECHANIZED CLEARING
- DENOTES IMPACTS IN SURFACE WATER
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER



STEPHEN E. SMITH  
DB 1082 PG 1247  
PB 18 PG 5

8/17/99

PROJECT REFERENCE NO. U-3326A/B	SHEET NO. 14
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

NAD 8395

REIDSVILLE CENTRE, LLC  
A NORTH CAROLINA LIMITED LIABILITY COMPANY

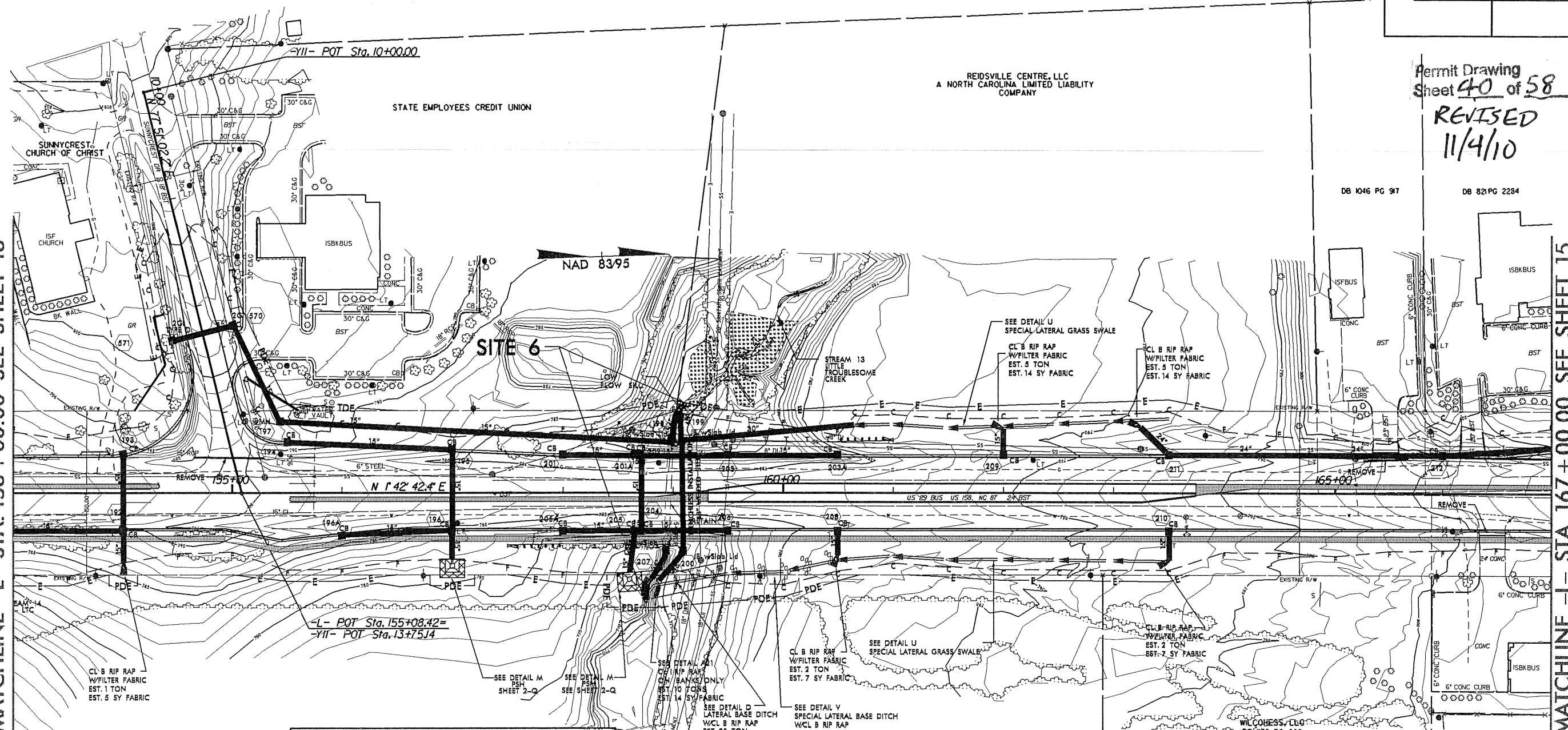
Permit Drawing  
Sheet 40 of 58  
REVISED  
11/4/10

DB 1046 PG 917

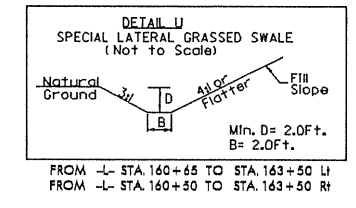
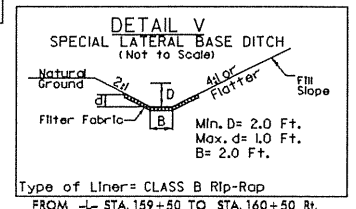
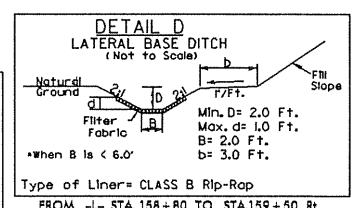
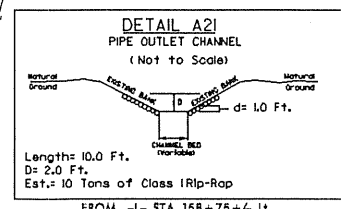
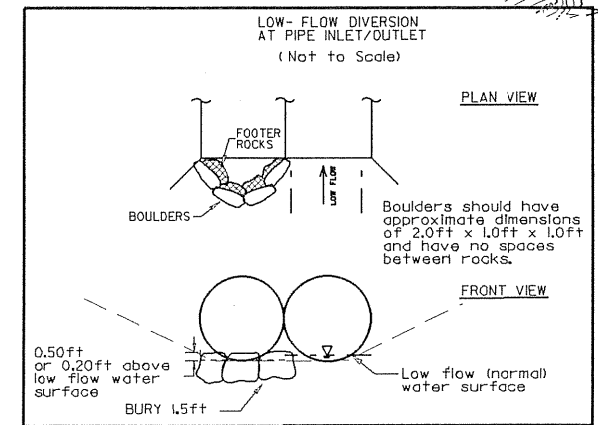
DB 821 PG 2284

MATCHLINE -L- STA. 153+00.00 SEE SHEET 13

MATCHLINE -L- STA. 167+00.00 SEE SHEET 15



- DENOTES FILL IN WETLAND
- DENOTES MECHANIZED CLEARING
- DENOTES IMPACTS IN SURFACE WATER
- DENOTES TEMPORARY IMPACTS IN SURFACE WATER



STEPHEN E. SMITH  
DB 1082 PG 1247  
PB 18 PG 5

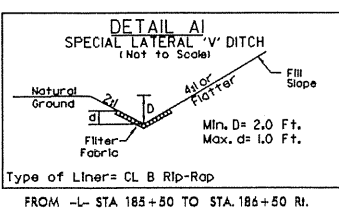
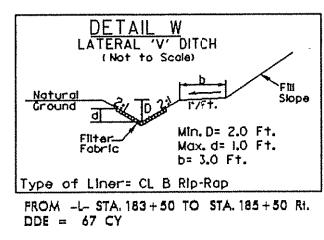
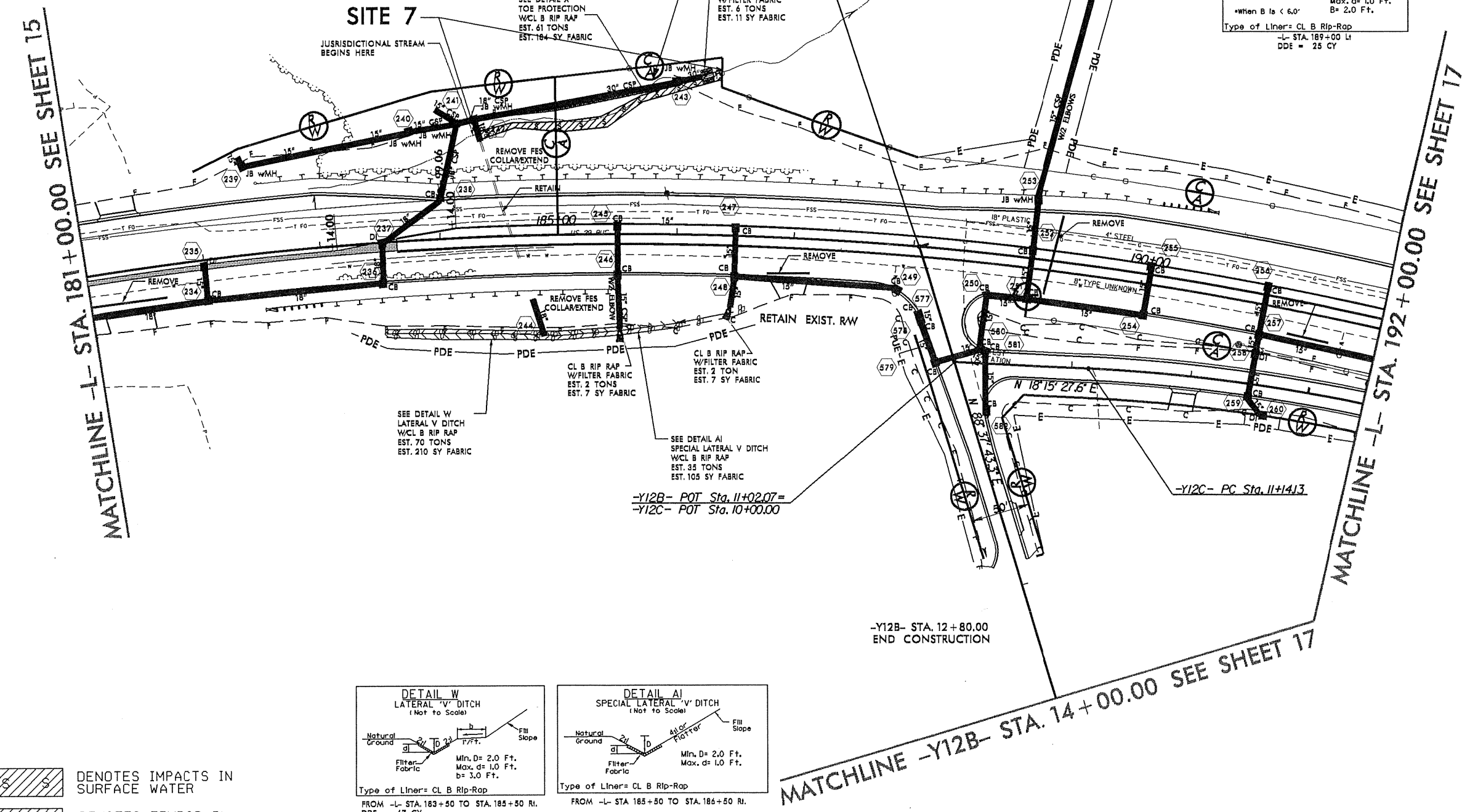
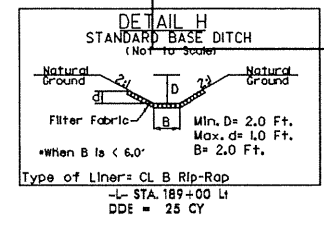
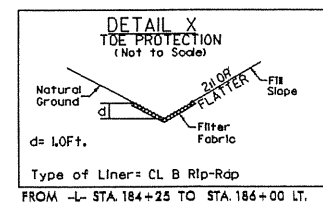
8/17/09

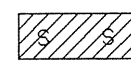
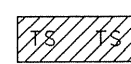
REVISIONS  
 \_03/23/09 R/W REVISION (P.15) - ADDED PERMANENT UTILITY EASEMENT AND REVISED TEMPORARY CONSTRUCTION EASEMENT ON PARCEL 90 (ROCKINGHAM COUNTY)

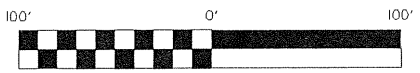
PROJECT REFERENCE NO. U-3326A/B	SHEET NO. 16
RAW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

-L-	-Y12C-
PI Sta 186+88.71	PI Sta 12+87.38
$\Delta = 31^{\circ} 56' 07.0" (RT)$	$\Delta = 13^{\circ} 10' 39.5" (RT)$
$D = 1^{\circ} 58' 44.9"$	$D = 3^{\circ} 49' 11.0"$
$L = 1613.60'$	$L = 344.99'$
$T = 828.36'$	$T = 173.26'$
$R = 2895.00'$	$R = 1500.00'$
$SE = 0.03$	$SE = 0.02$
$RO = 108'$	$RO = SEE PLANS$

Permit Drawing  
 Sheet 41 of 58  
 REVISED  
 11/4/10  
 CL B RIP RAP  
 W/FILTER FABRIC  
 EST. 2 TONS  
 EST. 7 SY FABRIC



 DENOTES IMPACTS IN SURFACE WATER  
 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



SEE SHEET 36 FOR -L- PROFILE  
 SEE SHEET 49 FOR -Y12B- PROFILE  
 SEE SHEET 49 FOR -Y12C- PROFILE

8/17/99

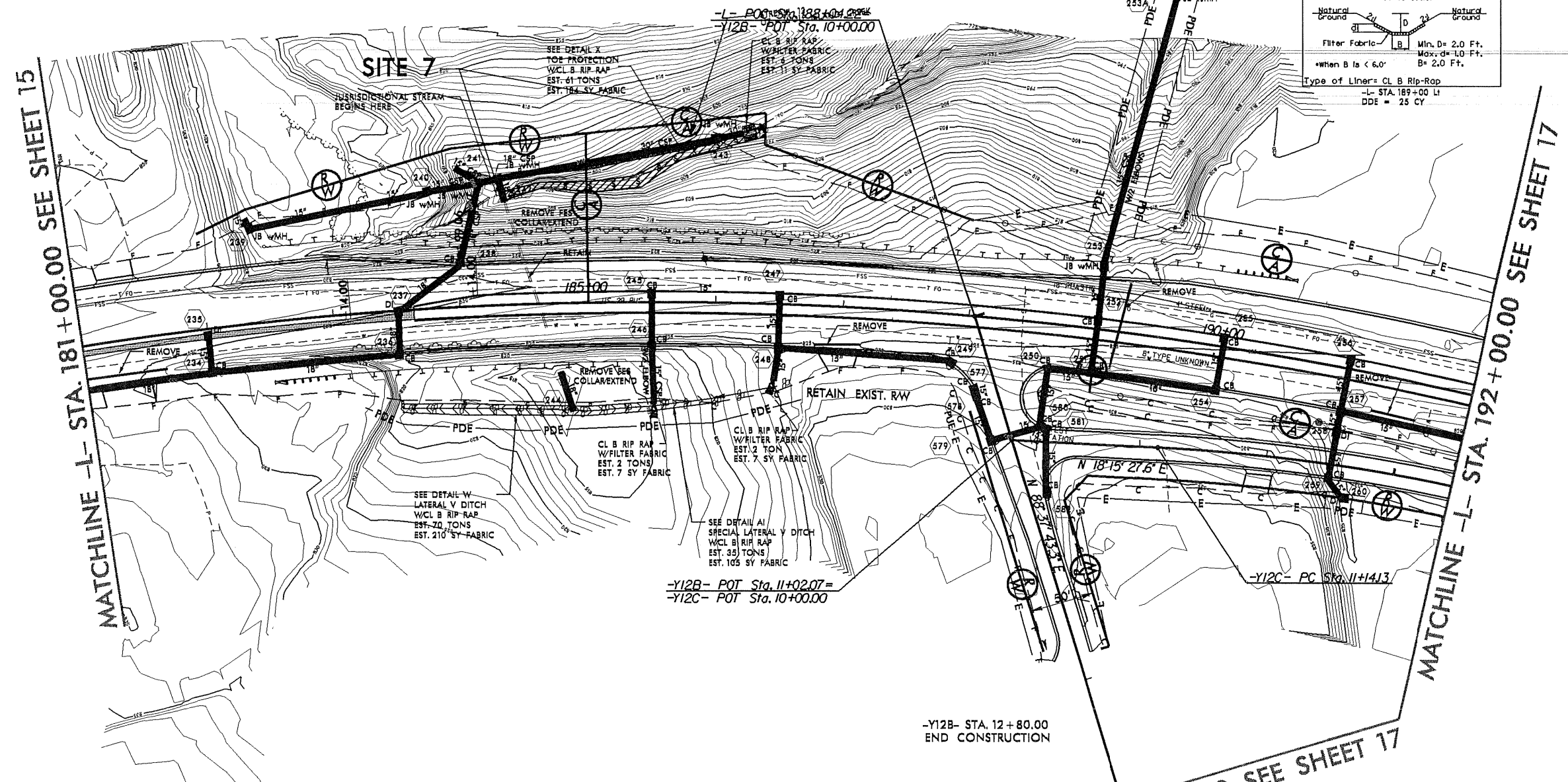
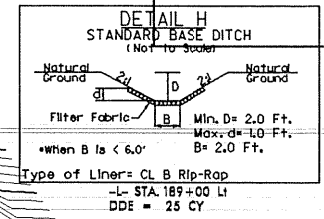
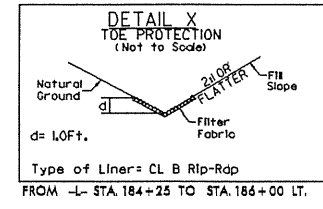
REVISIONS  
03/23/09 R.W. REVISION (P/S) - ADDED PERMANENT UTILITY EASEMENT AND REVISED TEMPORARY CONSTRUCTION EASEMENT ON PARCEL 90, ROCKINGHAM COUNTY.

NAD 8395

-L-	-Y12C-
PI Sta 186+88.71	PI Sta 12+87.38
$\Delta = 31^{\circ}56'07.0''$ (RT)	$\Delta = 13^{\circ}10'39.5''$ (RT)
$D = 1^{\circ}58'44.9''$	$D = 3^{\circ}49'11.0''$
$L = 1613.60'$	$L = 344.99'$
$T = 828.36'$	$T = 173.26'$
$R = 2,895.00'$	$R = 1,500.00'$
$SE = 0.03$	$SE = 0.02$
$RO = 108'$	$RO = \text{SEE PLANS}$

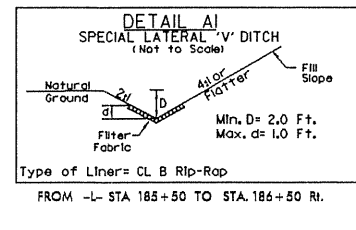
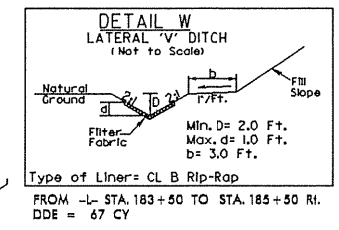
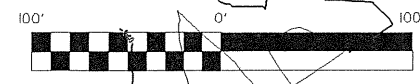
Permit Drawing  
Sheet 42 of 58  
REVISED  
11/4/10

PROJECT REFERENCE NO. U-3326A/B	SHEET NO. 16
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION	

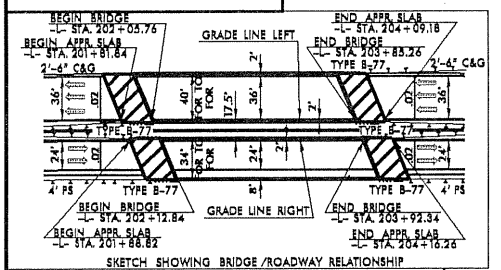
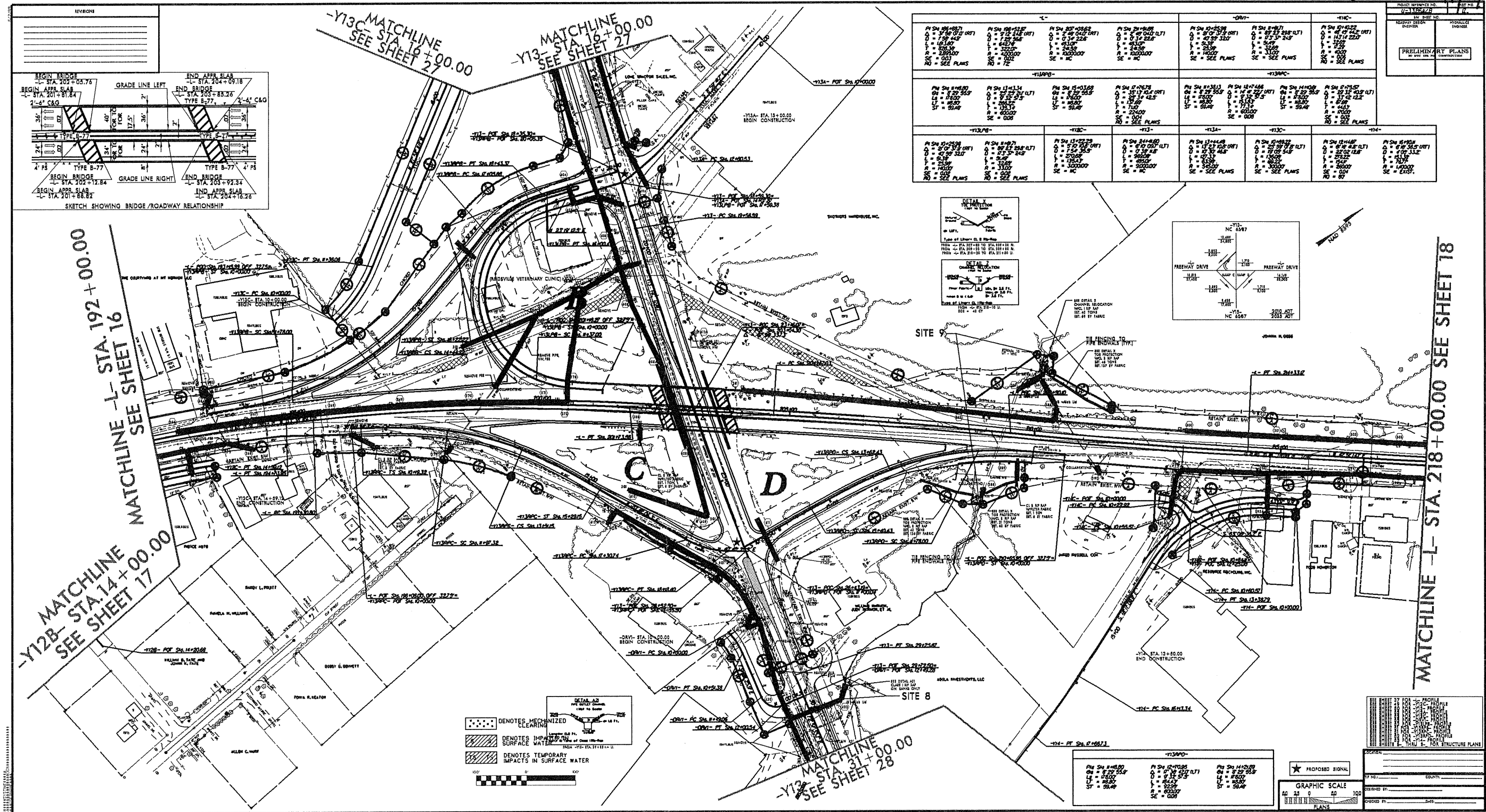


DENOTES IMPACTS IN SURFACE WATER

DENOTES TEMPORARY IMPACTS IN SURFACE WATER



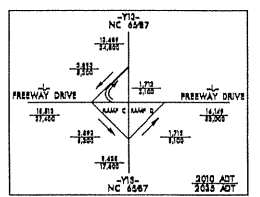
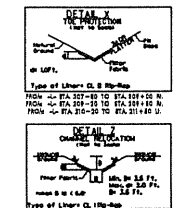
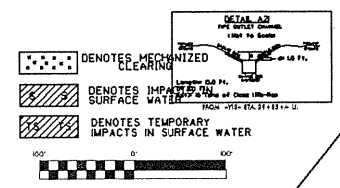
SEE SHEET 36 FOR -L- PROFILE  
SEE SHEET 49 FOR -Y12B- PROFILE  
SEE SHEET 49 FOR -Y12C- PROFILE



+1300-		+1300-		+1300-		+1300-	
PI STA 13+00.00 O = 10.00 L = 100.00 ST = 100.00 SE = 0.00 R0 = SEE PLANS	PI STA 13+00.00 O = 10.00 L = 100.00 ST = 100.00 SE = 0.00 R0 = SEE PLANS	PI STA 13+00.00 O = 10.00 L = 100.00 ST = 100.00 SE = 0.00 R0 = SEE PLANS	PI STA 13+00.00 O = 10.00 L = 100.00 ST = 100.00 SE = 0.00 R0 = SEE PLANS	PI STA 13+00.00 O = 10.00 L = 100.00 ST = 100.00 SE = 0.00 R0 = SEE PLANS	PI STA 13+00.00 O = 10.00 L = 100.00 ST = 100.00 SE = 0.00 R0 = SEE PLANS	PI STA 13+00.00 O = 10.00 L = 100.00 ST = 100.00 SE = 0.00 R0 = SEE PLANS	PI STA 13+00.00 O = 10.00 L = 100.00 ST = 100.00 SE = 0.00 R0 = SEE PLANS

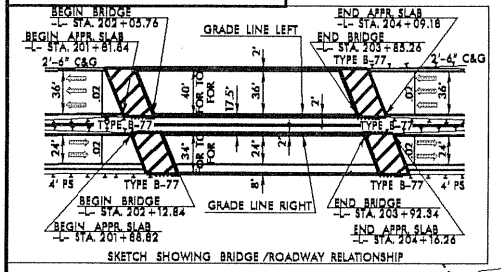
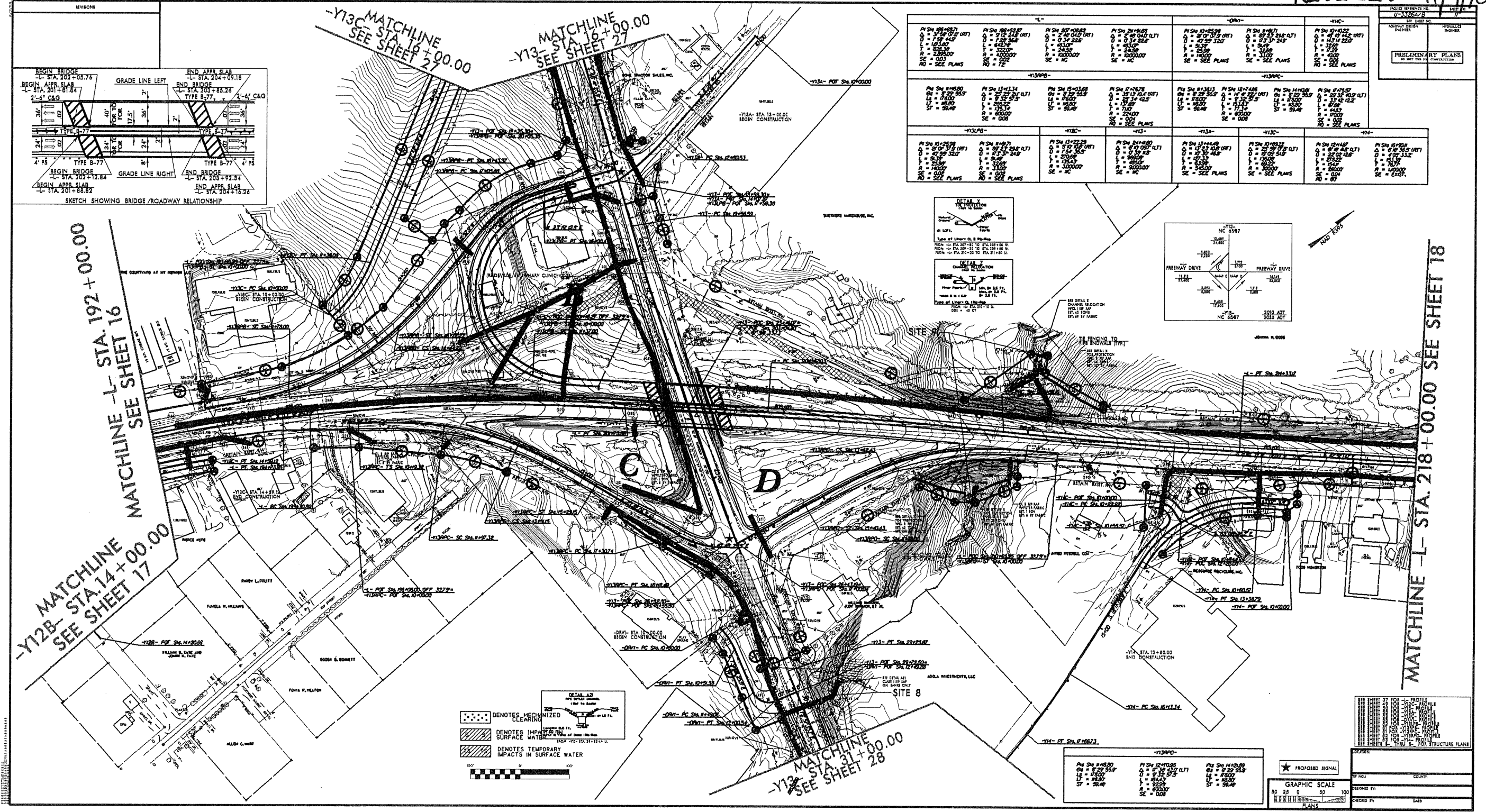
MATCHLINE -L- STA. 192 + 00.00  
 SEE SHEET 16  
 MATCHLINE -L- STA. 14 + 00.00  
 SEE SHEET 17

MATCHLINE -L- STA. 218 + 00.00  
 SEE SHEET 18



+1300-		+1300-	
PI STA 13+00.00 O = 10.00 L = 100.00 ST = 100.00 SE = 0.00 R0 = SEE PLANS	PI STA 13+00.00 O = 10.00 L = 100.00 ST = 100.00 SE = 0.00 R0 = SEE PLANS	PI STA 13+00.00 O = 10.00 L = 100.00 ST = 100.00 SE = 0.00 R0 = SEE PLANS	PI STA 13+00.00 O = 10.00 L = 100.00 ST = 100.00 SE = 0.00 R0 = SEE PLANS

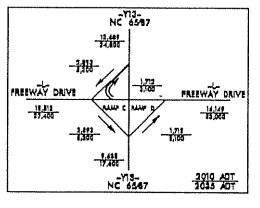
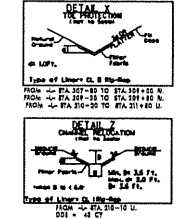
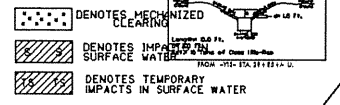
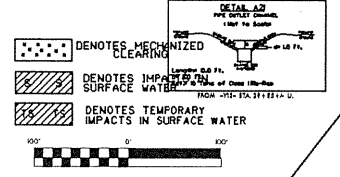
PROPOSED SIGNAL  
 GRAPHIC SCALE  
 0 25 50 100  
 FEET  
 DRAWN BY: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_



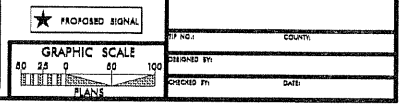
-1-		-2-		-3-		-4-	
PI STA 198+00.00 G = 2.50 L = 10.00 SF = 50.00 SE = 0.00 R0 = SEE PLANS	PI STA 198+00.00 G = 2.50 L = 10.00 SF = 50.00 SE = 0.00 R0 = SEE PLANS	PI STA 198+00.00 G = 2.50 L = 10.00 SF = 50.00 SE = 0.00 R0 = SEE PLANS	PI STA 198+00.00 G = 2.50 L = 10.00 SF = 50.00 SE = 0.00 R0 = SEE PLANS	PI STA 198+00.00 G = 2.50 L = 10.00 SF = 50.00 SE = 0.00 R0 = SEE PLANS	PI STA 198+00.00 G = 2.50 L = 10.00 SF = 50.00 SE = 0.00 R0 = SEE PLANS	PI STA 198+00.00 G = 2.50 L = 10.00 SF = 50.00 SE = 0.00 R0 = SEE PLANS	PI STA 198+00.00 G = 2.50 L = 10.00 SF = 50.00 SE = 0.00 R0 = SEE PLANS

MATCHLINE -L- STA. 192 + 00.00  
 SEE SHEET 16  
 MATCHLINE -L- STA. 14 + 00.00  
 SEE SHEET 17

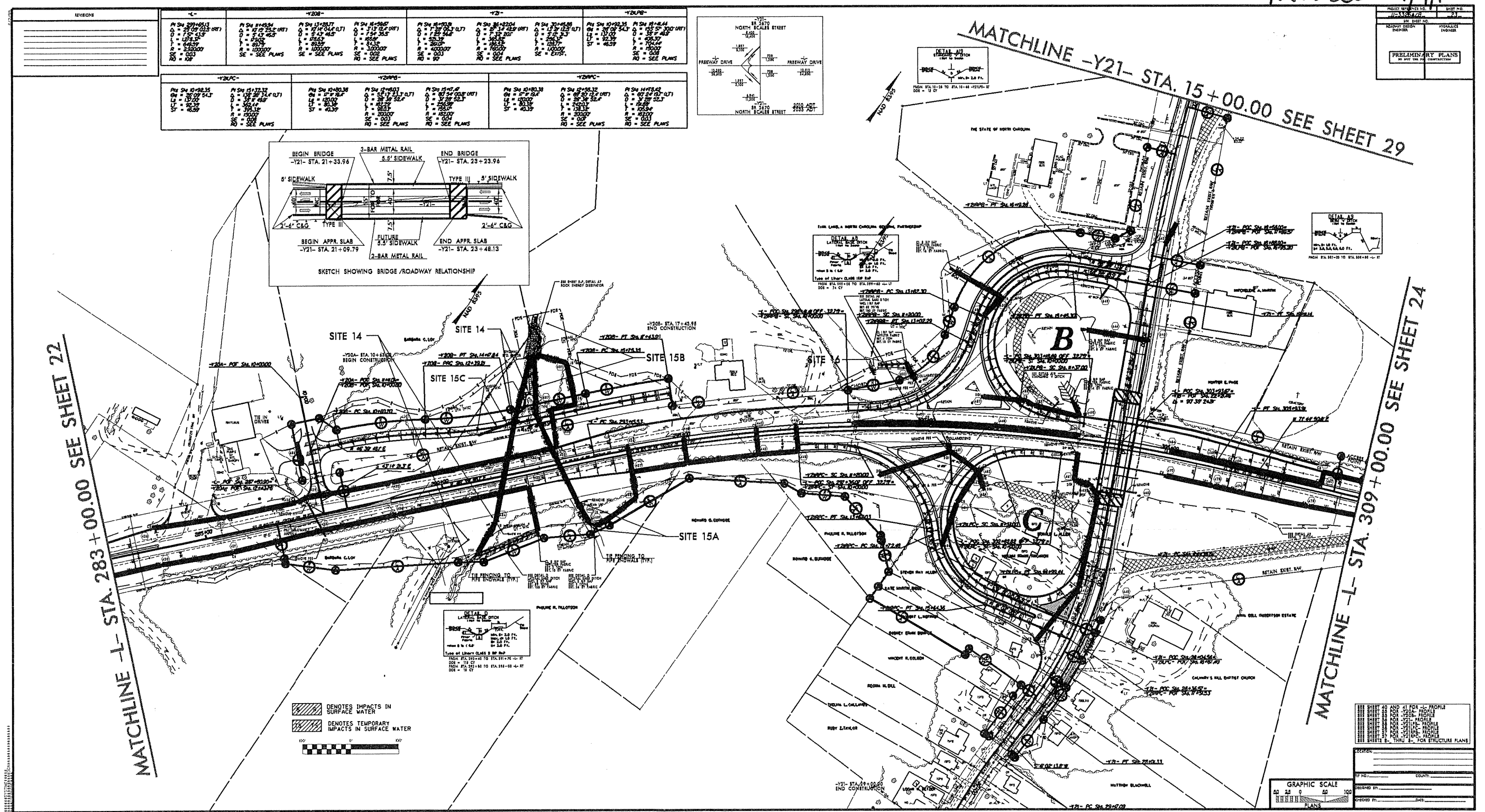
MATCHLINE -L- STA. 218 + 00.00  
 SEE SHEET 18



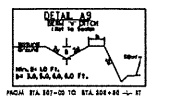
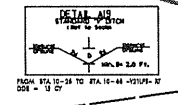
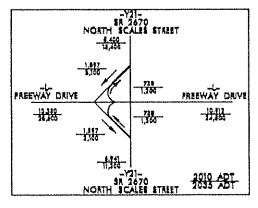
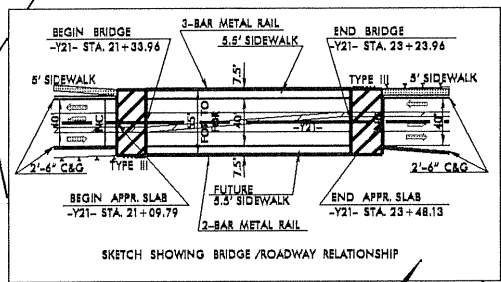
-13A-		-13B-		-13C-	
PI STA 198+00.00 G = 2.50 L = 10.00 SF = 50.00 SE = 0.00 R0 = SEE PLANS	PI STA 198+00.00 G = 2.50 L = 10.00 SF = 50.00 SE = 0.00 R0 = SEE PLANS	PI STA 198+00.00 G = 2.50 L = 10.00 SF = 50.00 SE = 0.00 R0 = SEE PLANS	PI STA 198+00.00 G = 2.50 L = 10.00 SF = 50.00 SE = 0.00 R0 = SEE PLANS	PI STA 198+00.00 G = 2.50 L = 10.00 SF = 50.00 SE = 0.00 R0 = SEE PLANS	PI STA 198+00.00 G = 2.50 L = 10.00 SF = 50.00 SE = 0.00 R0 = SEE PLANS



Permit Drawing  
 Sheet 53 of 58  
 REVISED 11/4/10

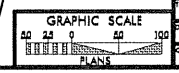


REVISION	-L-	-Y20-	-Y2-	-Y20P-
	P/SN 10/20/11 O = 15' 0" (15.00 FT) I = 15' 0" (15.00 FT) L = 15' 0" (15.00 FT) R = 15' 0" (15.00 FT) SE = SEE PLANS NO = SEE PLANS	P/SN 10/20/11 O = 15' 0" (15.00 FT) I = 15' 0" (15.00 FT) L = 15' 0" (15.00 FT) R = 15' 0" (15.00 FT) SE = SEE PLANS NO = SEE PLANS	P/SN 10/20/11 O = 15' 0" (15.00 FT) I = 15' 0" (15.00 FT) L = 15' 0" (15.00 FT) R = 15' 0" (15.00 FT) SE = SEE PLANS NO = SEE PLANS	P/SN 10/20/11 O = 15' 0" (15.00 FT) I = 15' 0" (15.00 FT) L = 15' 0" (15.00 FT) R = 15' 0" (15.00 FT) SE = SEE PLANS NO = SEE PLANS
	P/SN 10/20/11 O = 15' 0" (15.00 FT) I = 15' 0" (15.00 FT) L = 15' 0" (15.00 FT) R = 15' 0" (15.00 FT) SE = SEE PLANS NO = SEE PLANS	P/SN 10/20/11 O = 15' 0" (15.00 FT) I = 15' 0" (15.00 FT) L = 15' 0" (15.00 FT) R = 15' 0" (15.00 FT) SE = SEE PLANS NO = SEE PLANS	P/SN 10/20/11 O = 15' 0" (15.00 FT) I = 15' 0" (15.00 FT) L = 15' 0" (15.00 FT) R = 15' 0" (15.00 FT) SE = SEE PLANS NO = SEE PLANS	P/SN 10/20/11 O = 15' 0" (15.00 FT) I = 15' 0" (15.00 FT) L = 15' 0" (15.00 FT) R = 15' 0" (15.00 FT) SE = SEE PLANS NO = SEE PLANS



PROJECT NUMBER	SHEET NO.
100000000	53

DATE	BY	CHECKED	DATE

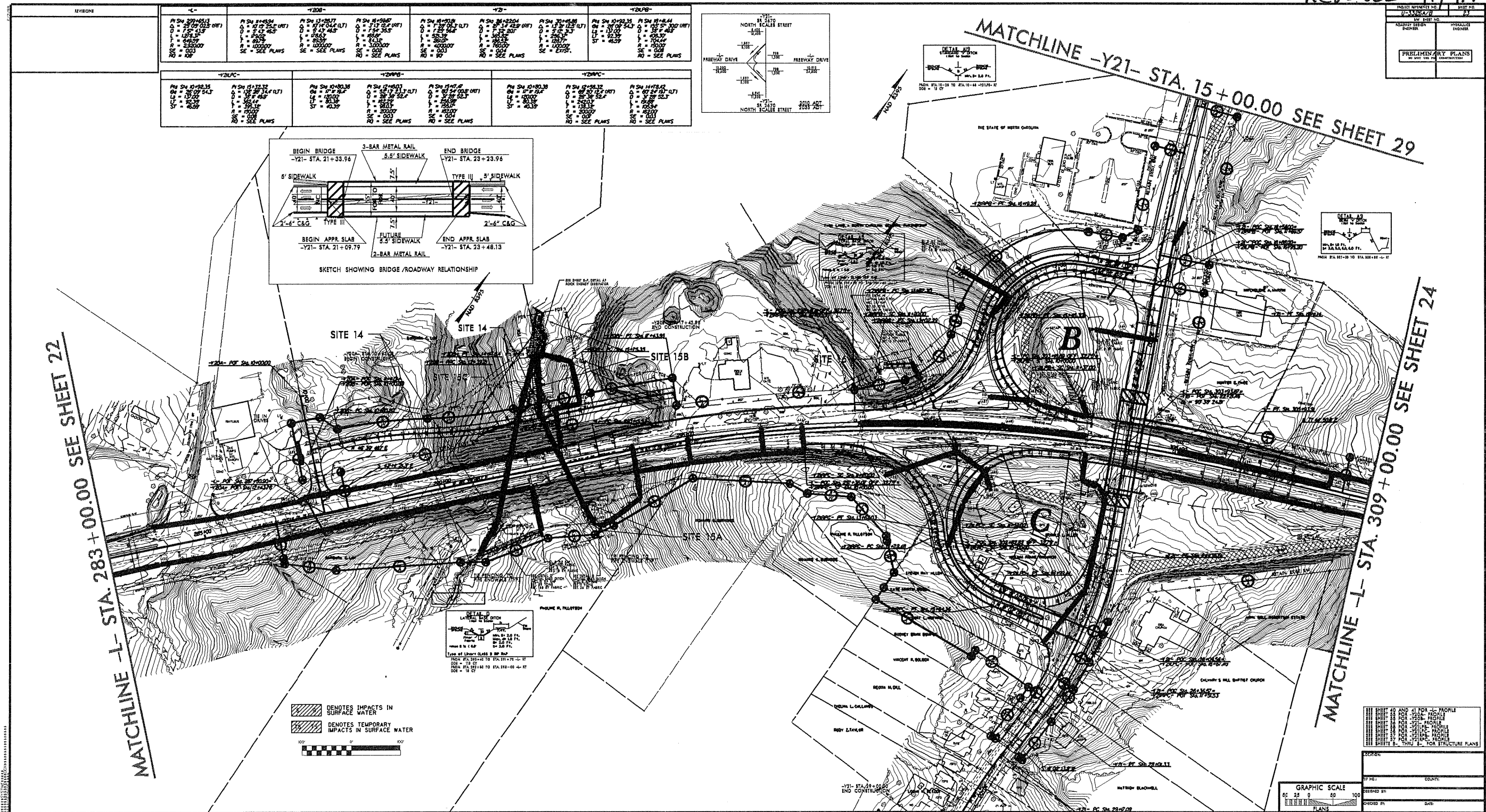


MATCHLINE -L- STA. 283+00.00 SEE SHEET 22

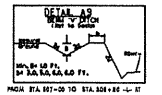
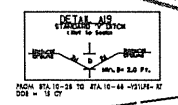
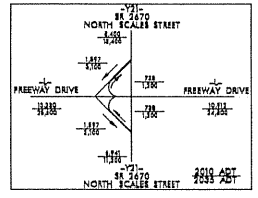
MATCHLINE -L- STA. 309+00.00 SEE SHEET 24

MATCHLINE -Y21- STA. 15+00.00 SEE SHEET 29





P/S 11-1000 Δ = 1000 L = 1000 R = 1000 SE = SEE PLANS	P/S 11-1000 Δ = 1000 L = 1000 R = 1000 SE = SEE PLANS	P/S 11-1000 Δ = 1000 L = 1000 R = 1000 SE = SEE PLANS	P/S 11-1000 Δ = 1000 L = 1000 R = 1000 SE = SEE PLANS	P/S 11-1000 Δ = 1000 L = 1000 R = 1000 SE = SEE PLANS	P/S 11-1000 Δ = 1000 L = 1000 R = 1000 SE = SEE PLANS	P/S 11-1000 Δ = 1000 L = 1000 R = 1000 SE = SEE PLANS	P/S 11-1000 Δ = 1000 L = 1000 R = 1000 SE = SEE PLANS
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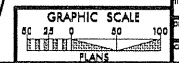


MATCHLINE -L- STA. 283+00.00 SEE SHEET 22

MATCHLINE -L- STA. 309+00.00 SEE SHEET 24

MATCHLINE -Y21- STA. 15+00.00 SEE SHEET 29

DENOTES IMPACTS IN SURFACE WATER  
 DENOTES TEMPORARY IMPACTS IN SURFACE WATER



DESIGNED BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE