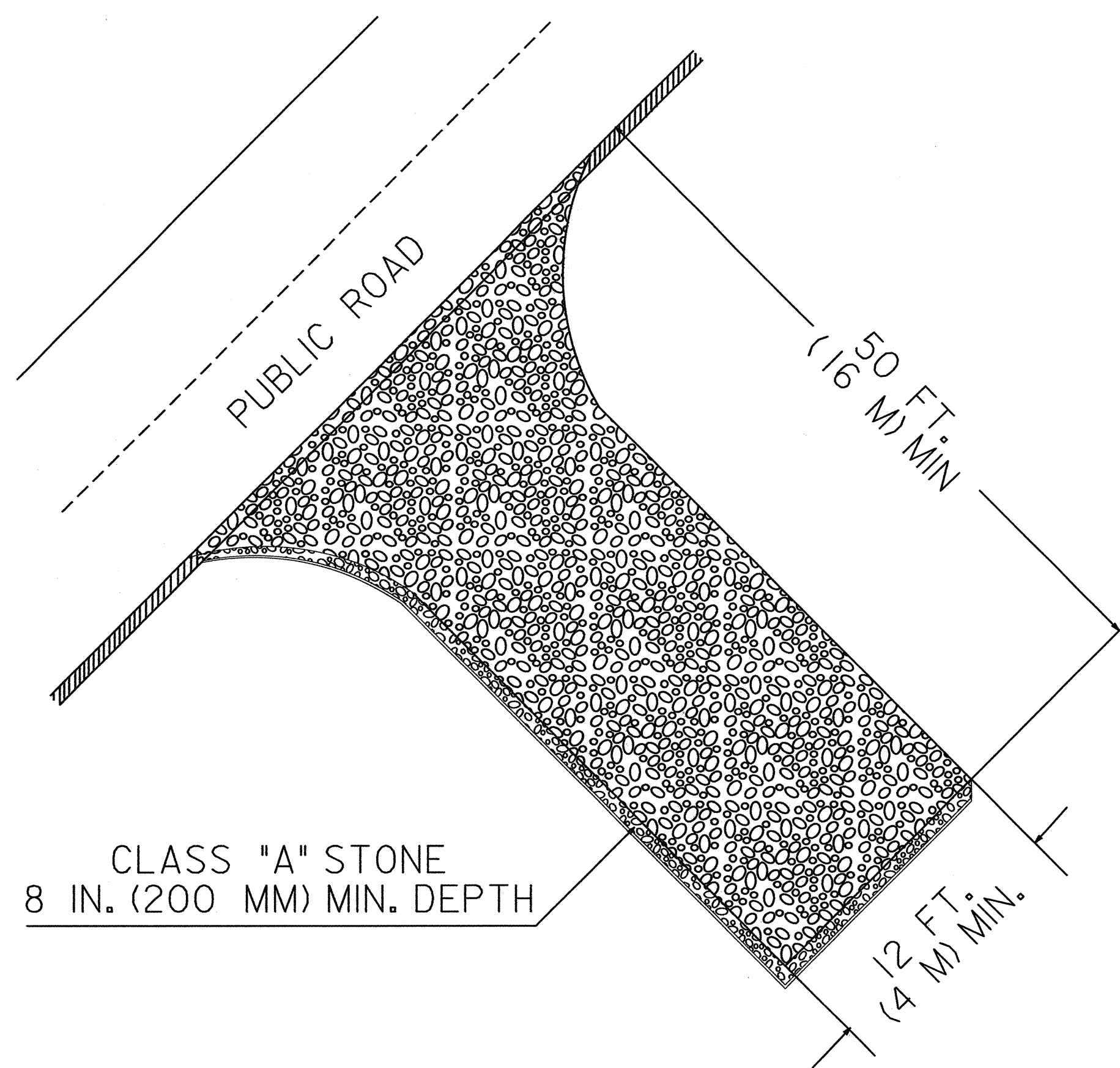


TEMPORARY GRAVEL CONSTRUCTION ENTRANCE



- NOTES:**
1. TURNING RADIUS SUFFICIENT TO ACCOMODATE LARGE TRUCKS SHALL BE PROVIDED.
 2. ENTRANCE(S) SHOULD BE LOCATED TO PROVIDE FOR UTILIZATION BY ALL CONSTRUCTION VEHICLES.
 3. MUST BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO STREETS. PERIODIC TOPDRESSING WITH STONE WILL BE NECESSARY.
 4. ANY MATERIAL TRACKED ONTO THE ROADWAY MUST BE CLEANED UP IMMEDIATELY.
 5. GRAVEL CONSTRUCTION ENTRANCE SHALL BE LOCATED AT ALL POINTS OF INGRESS AND EGRESS UNTIL SITE IS STABILIZED. FREQUENT CHECKS OF THE DEVICE AND TIMELY MAINTENANCE MUST BE PROVIDED.
 6. NUMBER AND LOCATION OF CONSTRUCTION ENTRANCES TO BE DETERMINED BY THE ENGINEER.

NOTE: FILTER FABRIC TO BE PLACED BENEATH STONE.

EROSION AND SEDIMENT CONTROL MEASURES

Std. #	Description	Symbol
	Reforestation	
1630.03	Temporary Silt Ditch	
1630.05	Temporary Diversion	
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	
1622.01	Temporary Berms and Slope Drains	
1630.01	Riser Basin	
1630.02	Silt Basin Type B	
1633.01	Temporary Rock Silt Check Type-A	
1633.02	Temporary Rock Silt Check Type-B	
1634.01	Temporary Rock Sediment Dam Type-A	
1634.02	Temporary Rock Sediment Dam Type-B	
1635.01	Rock Pipe Inlet Sediment Trap Type-A	
1635.02	Rock Pipe Inlet Sediment Trap Type-B	
1636.01	Rock Silt Screen	
1630.04	Stilling Basin	
	Rock Inlet Sediment Trap:	
1632.01	Type A	
1632.02	Type B	
1632.03	Type C	

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 July 2006 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

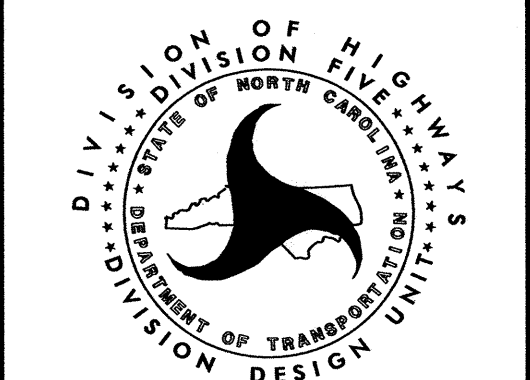
- | | |
|------------------------------|--|
| 1605.01 Temporary Silt Fence | 1632.03 Rock Inlet Sediment Trap Type C |
| 1630.02 Silt Basin Type B | 1633.01 Temporary Rock Silt Check Type A |
| 1630.05 Temporary Diversion | 1633.02 Temporary Rock Silt Check Type B |
| | 1634.02 Temporary Rock Sediment Dam Type B |

WIDEN SR 2000 (WAKE FOREST RD.) BETWEEN SR 1005 (SIX FORKS RD.) AND NAVAHO DR.

DIVISION 05 DURHAM COUNTY DURHAM

REVISIONS	INT.	DATE

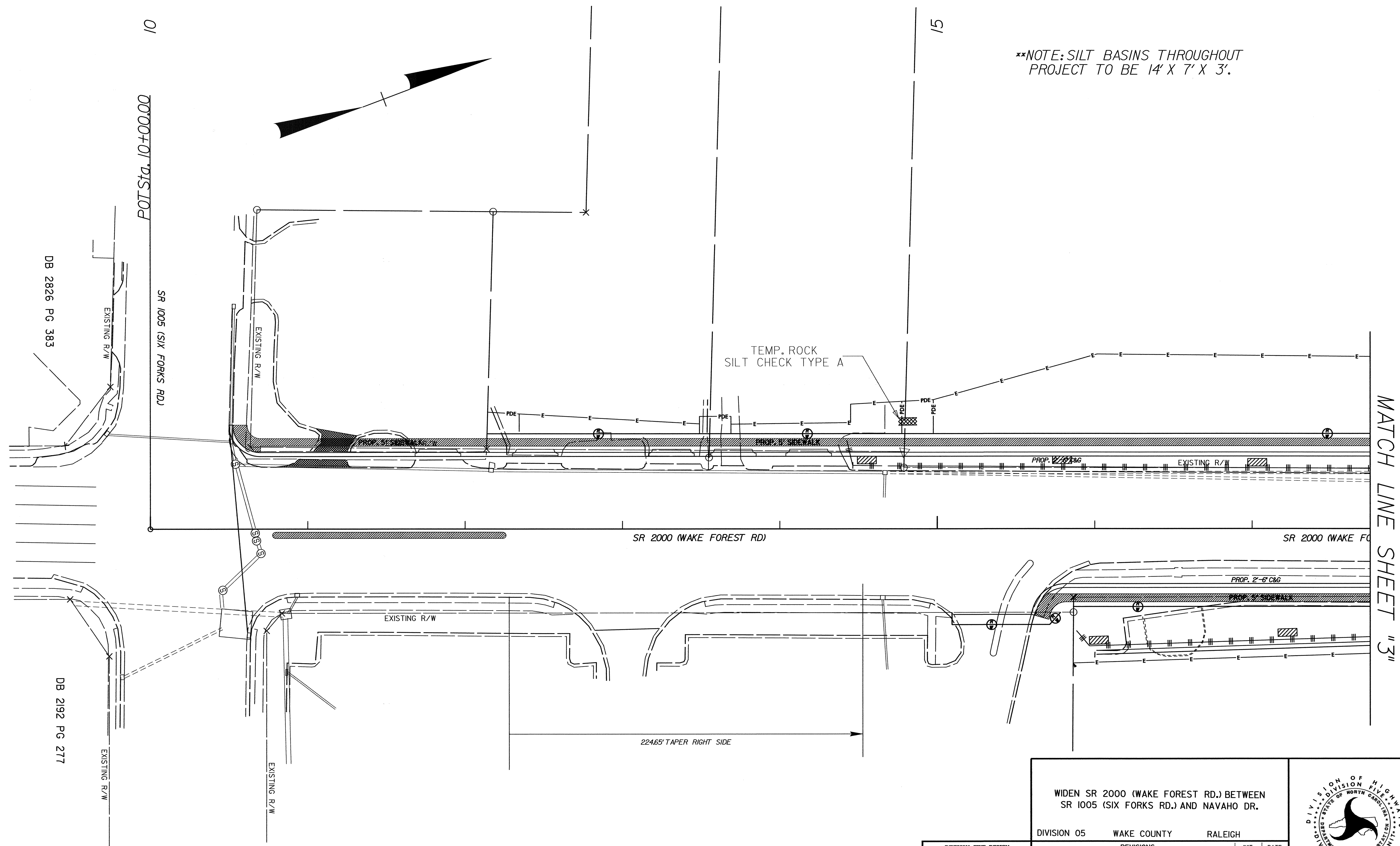
N.C. DEPARTMENT of TRANSPORTATION
DIVISION of HIGHWAYS
DIVISION FIVE DESIGN UNIT



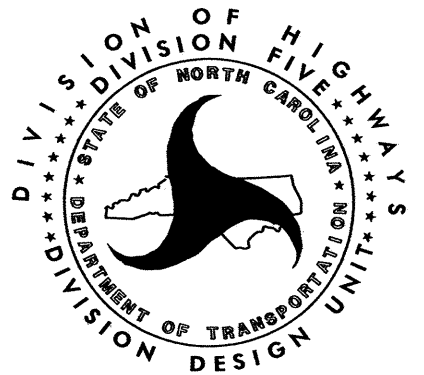
SCALE: XXXX DATE: 04/2006

PREPARED BY: M. BRANDON
REVIEWED BY: B. UPSHAW
REVIEWED BY: B. JONES


**NOTE: SILT BASINS THROUGHOUT PROJECT TO BE 14' X 7' X 3'.



MATCH LINE SHEET "3"

<p>WIDEN SR 2000 (WAKE FOREST RD.) BETWEEN SR 1005 (SIX FORKS RD.) AND NAVAHO DR.</p> <p>DIVISION 05 WAKE COUNTY RALEIGH</p>													
<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td></tr> </tbody> </table>	REVISIONS		INIT.	DATE									
REVISIONS	INIT.	DATE											
<p>N.C. DEPARTMENT of TRANSPORTATION DIVISION of HIGHWAYS DIVISION FIVE DESIGN UNIT</p>													

DIVISION FIVE DESIGN



10/19/06
SIGNATURE: *Ben Upshaw* P.E.

DB 2826 PG 383

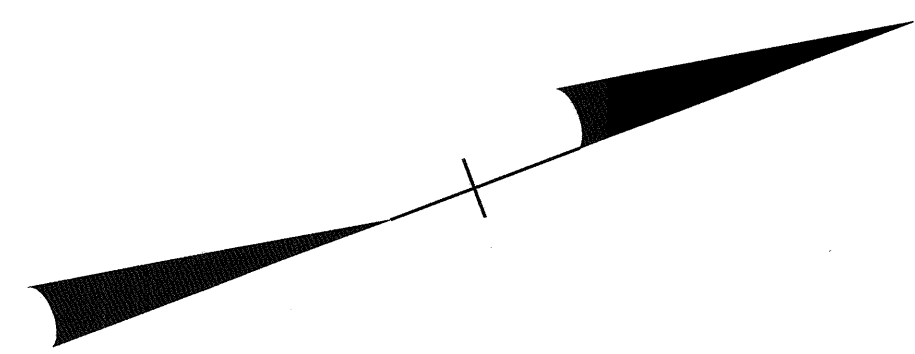
DB 2192 PG 277

POT Sta. 10+00.00

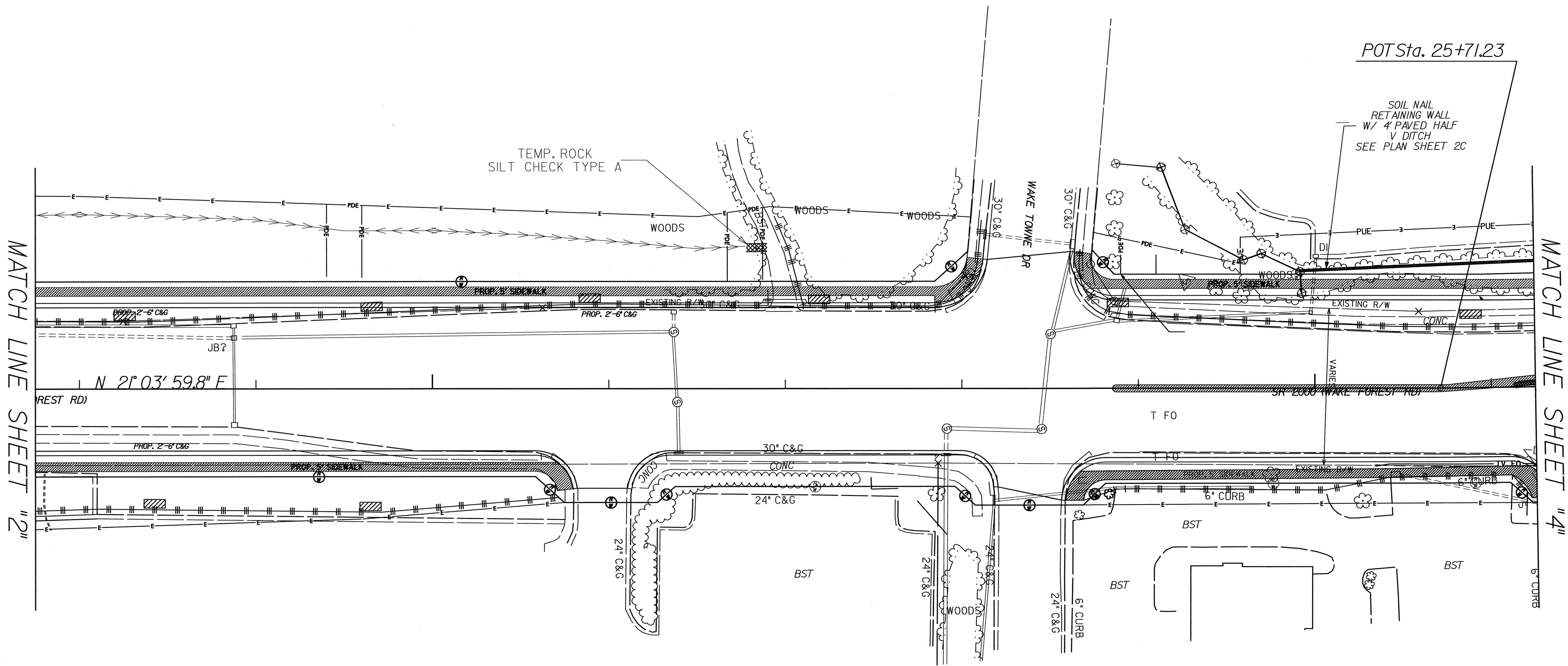
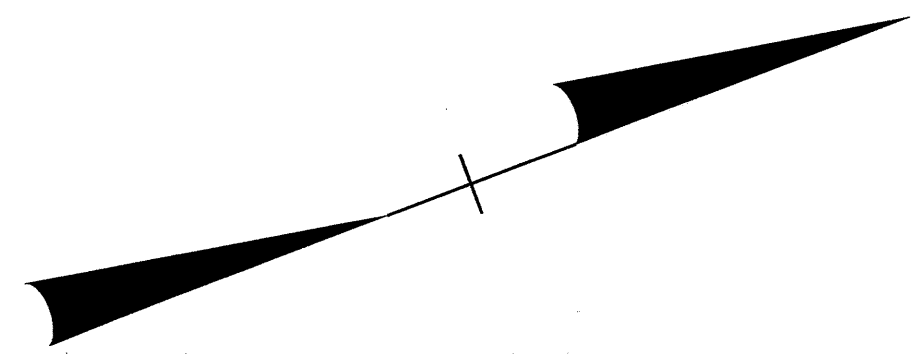
SR 1005 (SIX FORKS RD)

SR 2000 (WAKE FOREST RD)

SR 2000 (WAKE FO

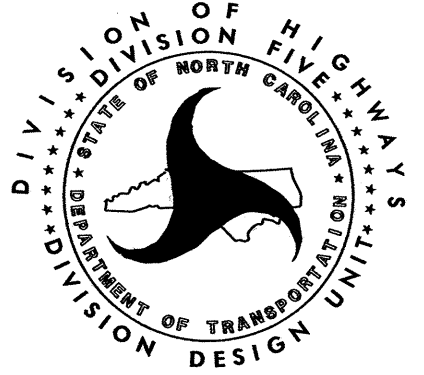



20



MATCH LINE SHEET "2"

MATCH LINE SHEET "4"

WIDEN SR 2000 (WAKE FOREST RD.) BETWEEN SR 1005 (SIX FORKS RD.) AND NAVAHO DR. DIVISION 05 WAKE COUNTY RALEIGH										
<table border="1"> <thead> <tr> <th>REVISIONS</th> <th>INIT.</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			REVISIONS	INIT.	DATE					
REVISIONS	INIT.	DATE								
SCALE: 1"=60' DATE: 04/2006		N.C. DEPARTMENT of TRANSPORTATION DIVISION of HIGHWAYS DIVISION FIVE DESIGN UNIT								
PREPARED BY: M. BRANDON REVIEWED BY: B. UPSHAW REVIEWED BY: B. JONES										
 10/10/06 B. Upshaw P.E. SIGNATURE										

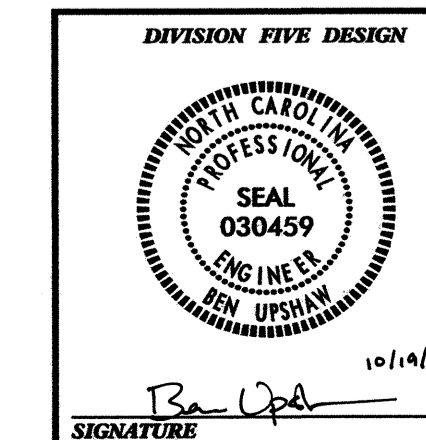
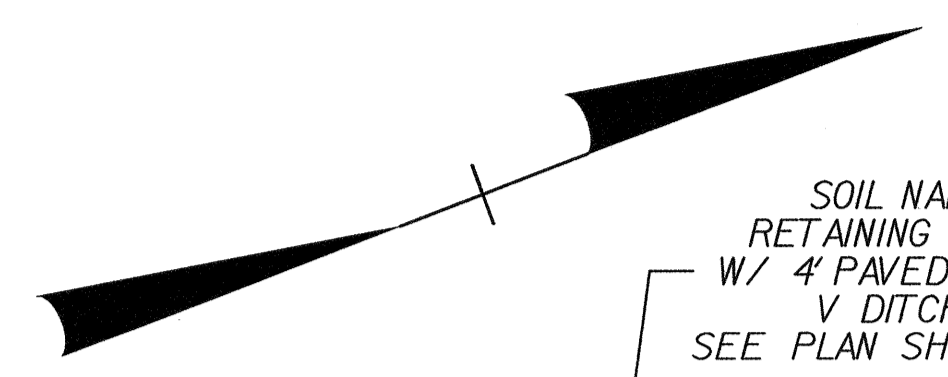
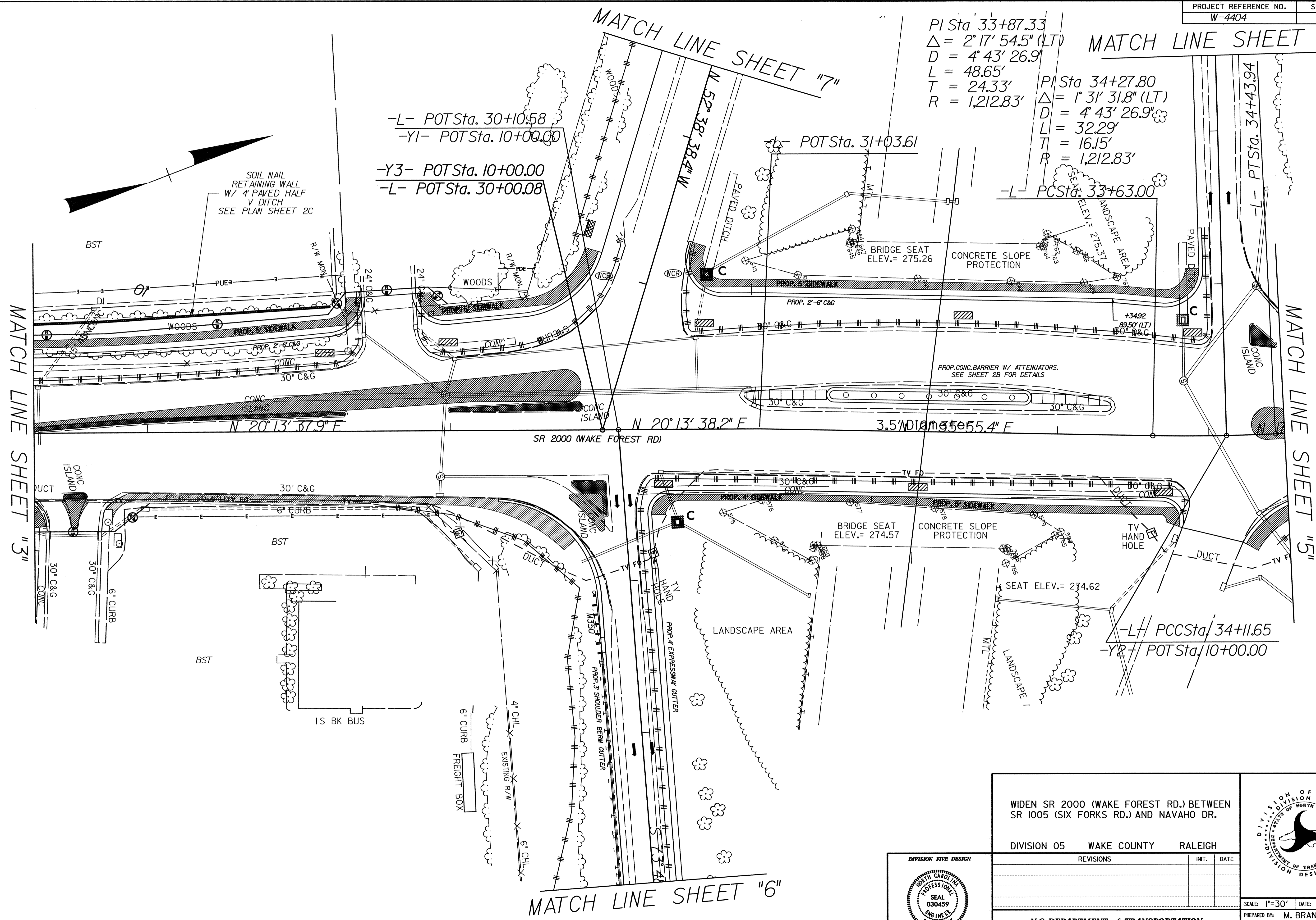
MATCH LINE SHEET "7"
 PI Sta 33+87.33
 $\Delta = 2^\circ 17' 54.5" (LT)$
 $D = 4^\circ 43' 26.9"$
 $L = 48.65'$
 $T = 24.33'$
 $R = 1,212.83'$

PI Sta 34+27.80
 $\Delta = 1^\circ 31' 31.8" (LT)$
 $D = 4^\circ 43' 26.9"$
 $L = 32.29'$
 $T = 16.15'$
 $R = 1,212.83'$

-L- POT Sta. 30+10.58
 -Y1- POT Sta. 10+00.00
 -Y3- POT Sta. 10+00.00
 -L- POT Sta. 30+00.08

-L- PCSta. 33+63.00

-L- PCCSta. 34+11.65
 -Y2- POT Sta. 10+00.00



WIDEN SR 2000 (WAKE FOREST RD.) BETWEEN SR 1005 (SIX FORKS RD.) AND NAVAHO DR.

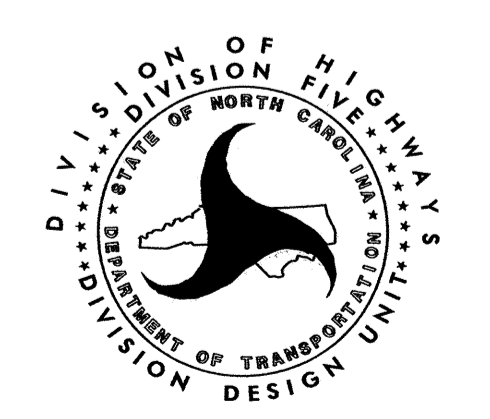
DIVISION 05 WAKE COUNTY RALEIGH

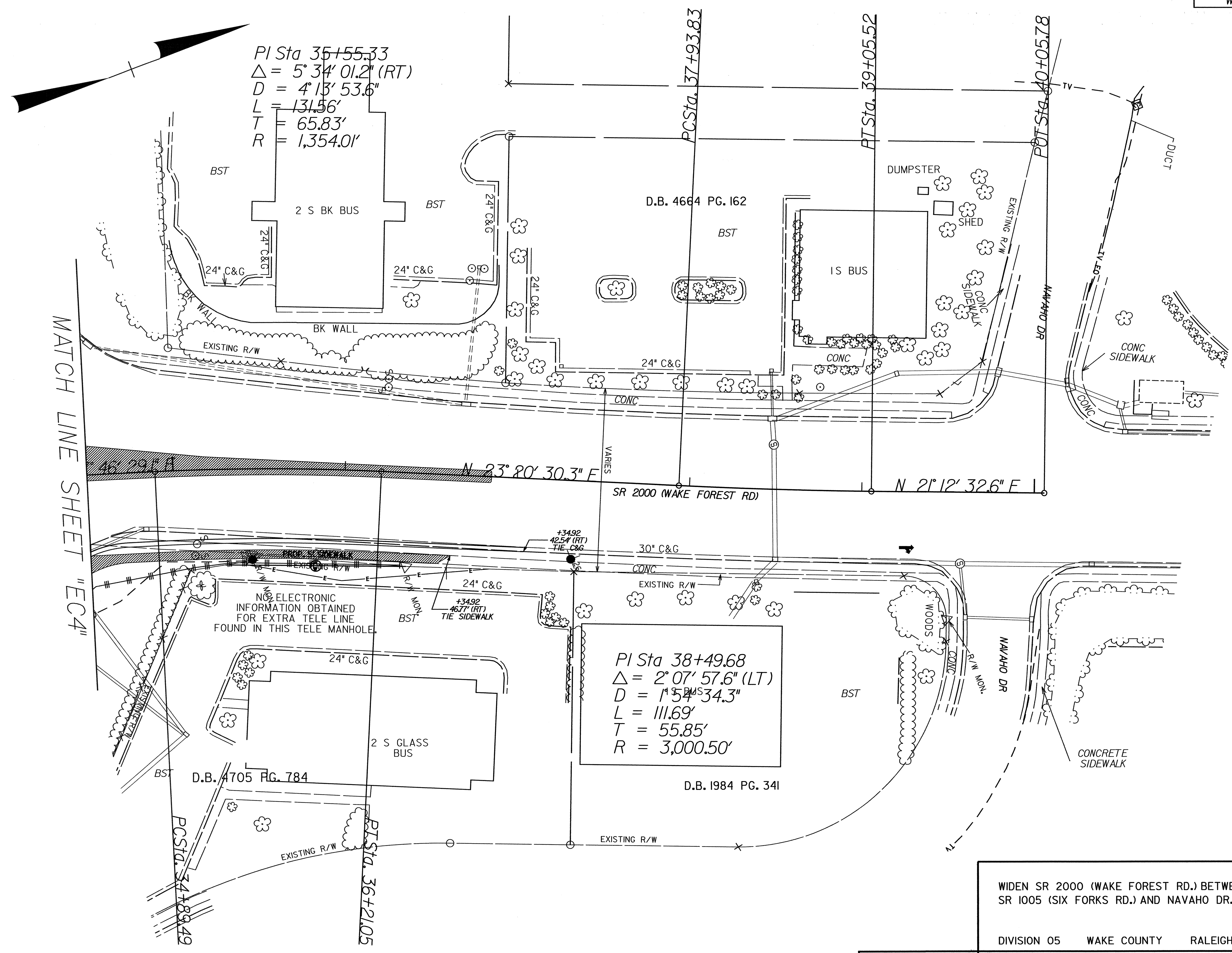
REVISIONS	INT.	DATE

SCALE: 1"=30' DATE: 04/2006

PREPARED BY: M. BRANDON
 REVIEWED BY: B. UPSHAW
 REVIEWED BY: B. JONES

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 DIVISION of HIGHWAYS
 DIVISION FIVE DESIGN UNIT





MATCH LINE SHEET "EC4"

PI Sta 35+55.33
 $\Delta = 5^\circ 34' 01.2" (RT)$
 $D = 4^\circ 13' 53.6"$
 $L = 131.56'$
 $T = 65.83'$
 $R = 1,354.01'$

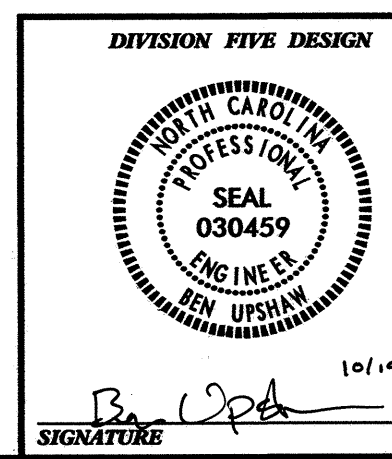
PI Sta 38+49.68
 $\Delta = 2^\circ 07' 57.6" (LT)$
 $D = 1^\circ 54' 34.3"$
 $L = 111.69'$
 $T = 55.85'$
 $R = 3,000.50'$

NO ELECTRONIC INFORMATION OBTAINED FOR EXTRA TELE LINE FOUND IN THIS TELE MANHOLE.

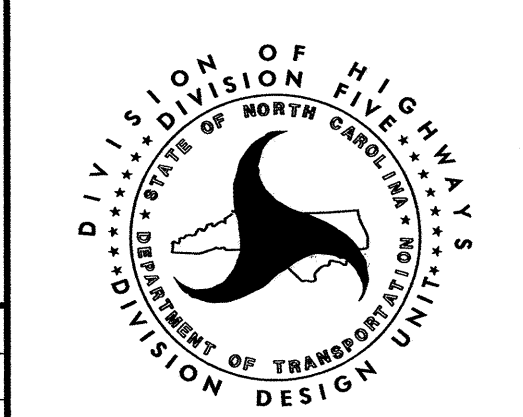
WIDEN SR 2000 (WAKE FOREST RD.) BETWEEN SR 1005 (SIX FORKS RD.) AND NAVAHO DR.

DIVISION 05 WAKE COUNTY RALEIGH

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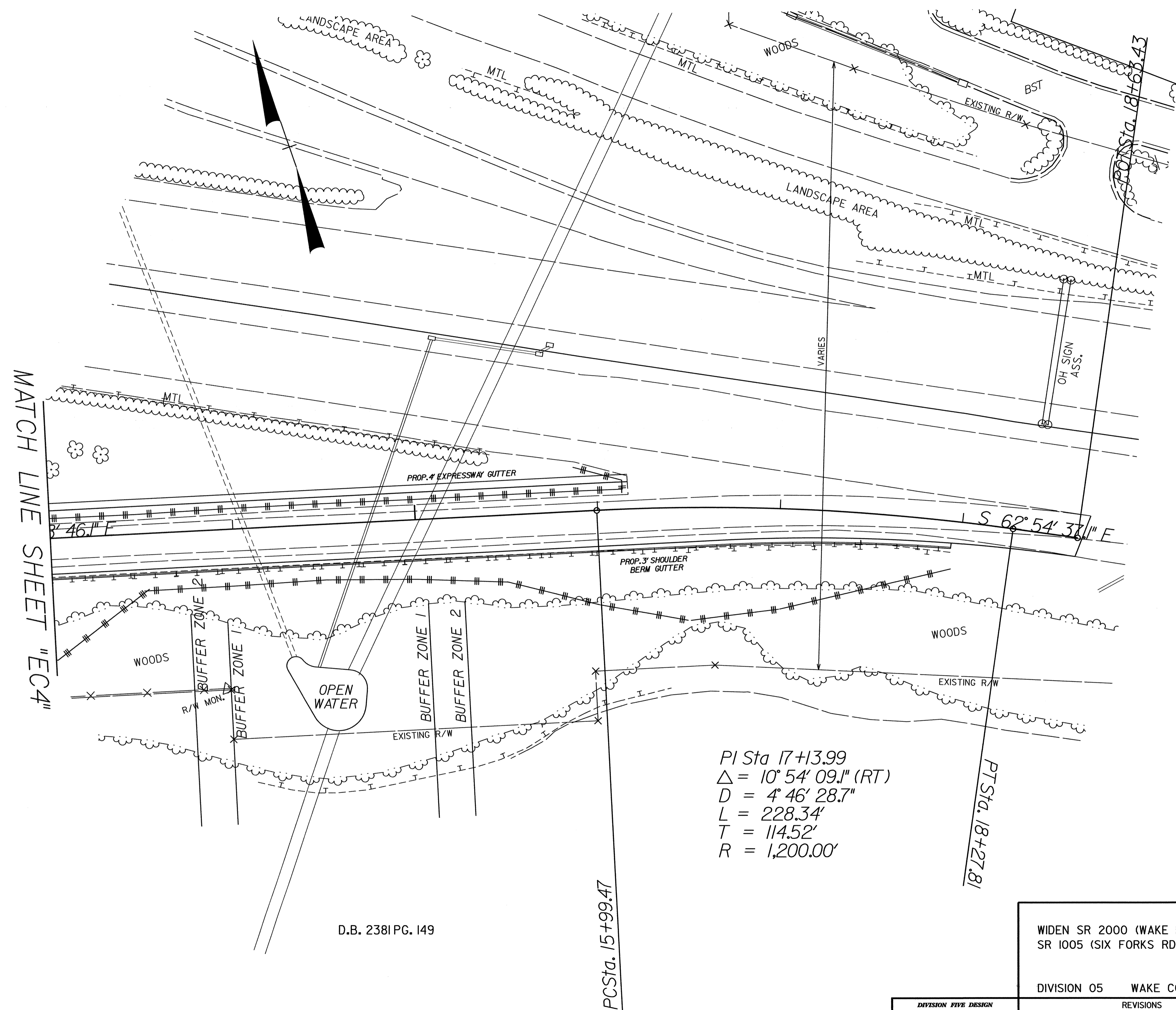


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SCALE: 1"=60' DATE: 04/2006

PREPARED BY: M. BRANDON
 REVIEWED BY: B. UPSHAW



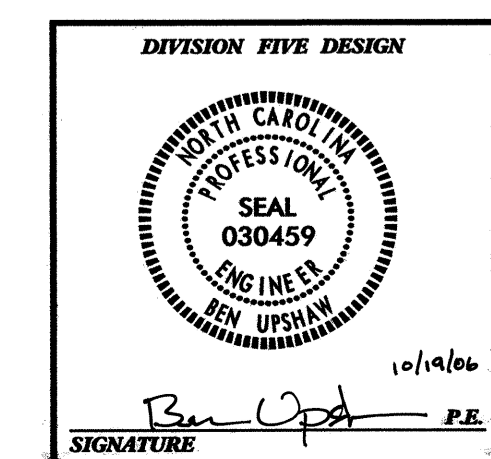
PI Sta 17+13.99
 $\Delta = 10^\circ 54' 09.1''$ (RT)
 $D = 4' 46' 28.7''$
 $L = 228.34'$
 $T = 114.52'$
 $R = 1,200.00'$

MATCH LINE SHEET "EC4"

D.B. 2381 PG. 149

WIDEN SR 2000 (WAKE FOREST RD.) BETWEEN
 SR 1005 (SIX FORKS RD.) AND NAVAHO DR.

DIVISION 05 WAKE COUNTY RALEIGH



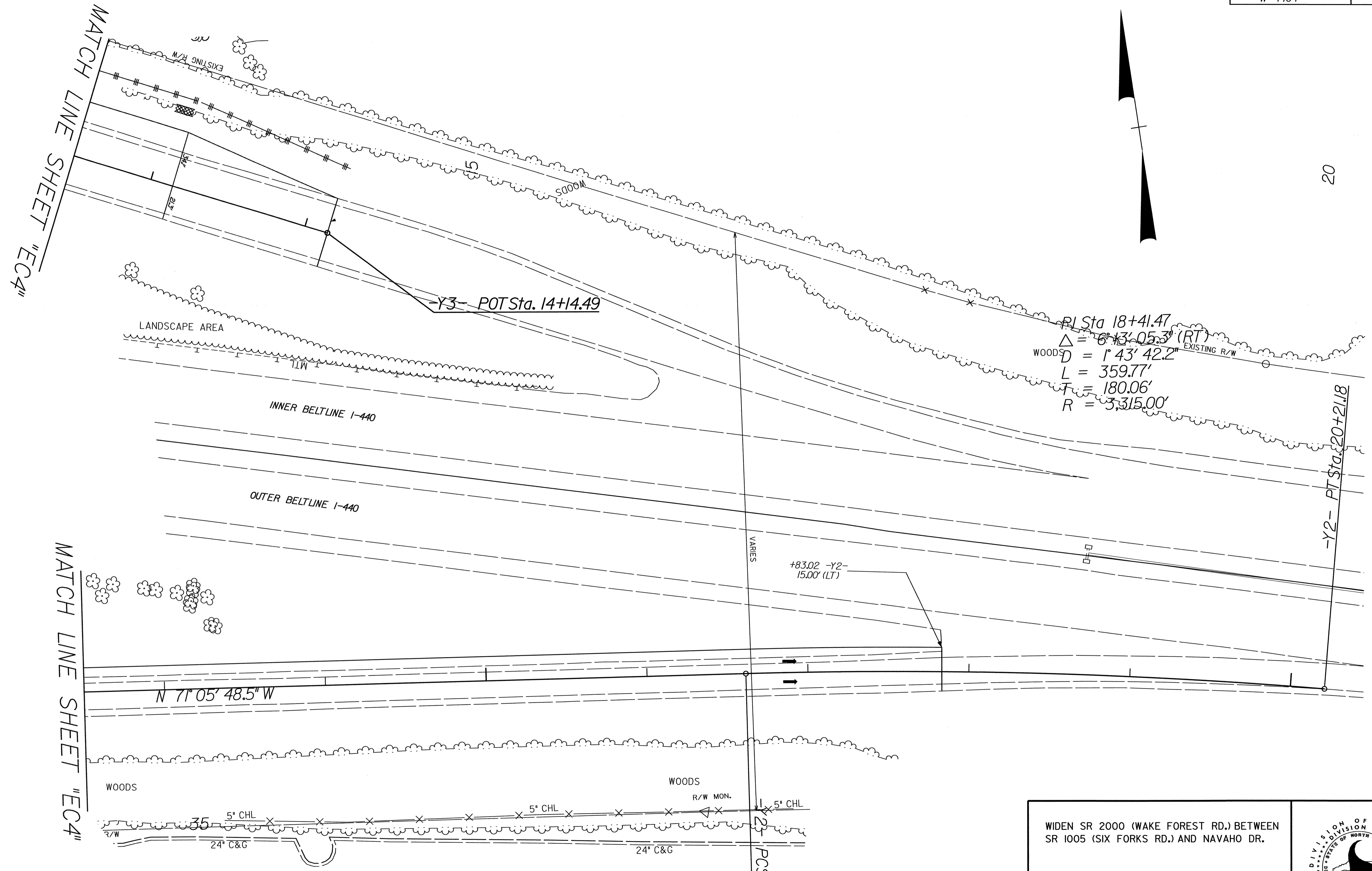
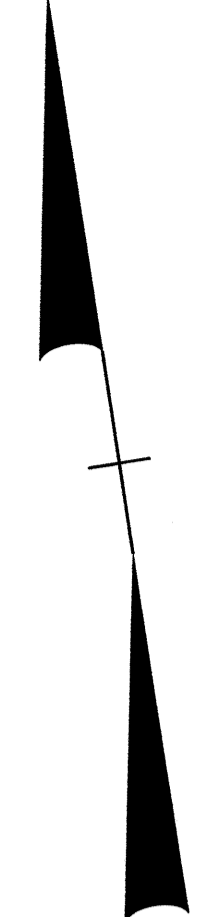
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SCALE: 1"=60' DATE: 04/2006
 PREPARED BY: M. BRANDON
 REVIEWED BY: B. UPSHAW
 REVIEWED BY: B. JONES

20



PI Sta 18+41.47
 $\Delta = 6^{\circ} 13' 05.3''$ (RT)
 WOODS $D = 1^{\circ} 43' 42.2''$
 $L = 359.77'$
 $T = 180.06'$
 $R = 3,315.00'$

+83.02 -Y2-
15.00' (LT)

N 71° 05' 48.5" W

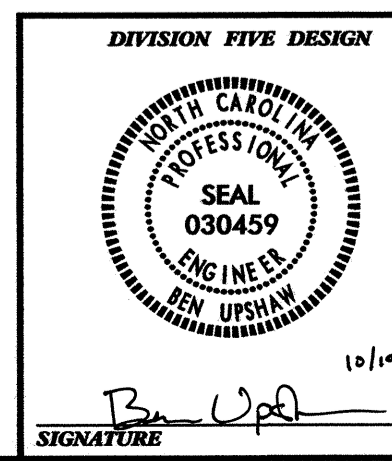
WOODS
 5" CHL
 24" C&G
 R/W MON.
 5" CHL
 24" C&G

D.B. 7250 PG. 0001

WIDEN SR 2000 (WAKE FOREST RD.) BETWEEN
 SR 1005 (SIX FORKS RD.) AND NAVAHO DR.

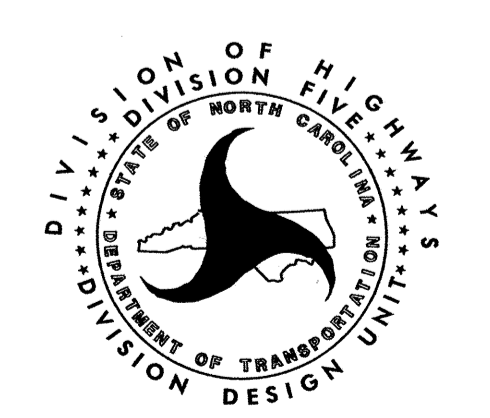
DIVISION 05 WAKE COUNTY RALEIGH

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Signature: Ben Upshaw
 10/14/06
 P.E.

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