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**This file or an individual page  
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STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	W-5206AM	EC-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

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PLAN FOR PROPOSED  
HIGHWAY EROSION CONTROL

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**CUMBERLAND COUNTY**

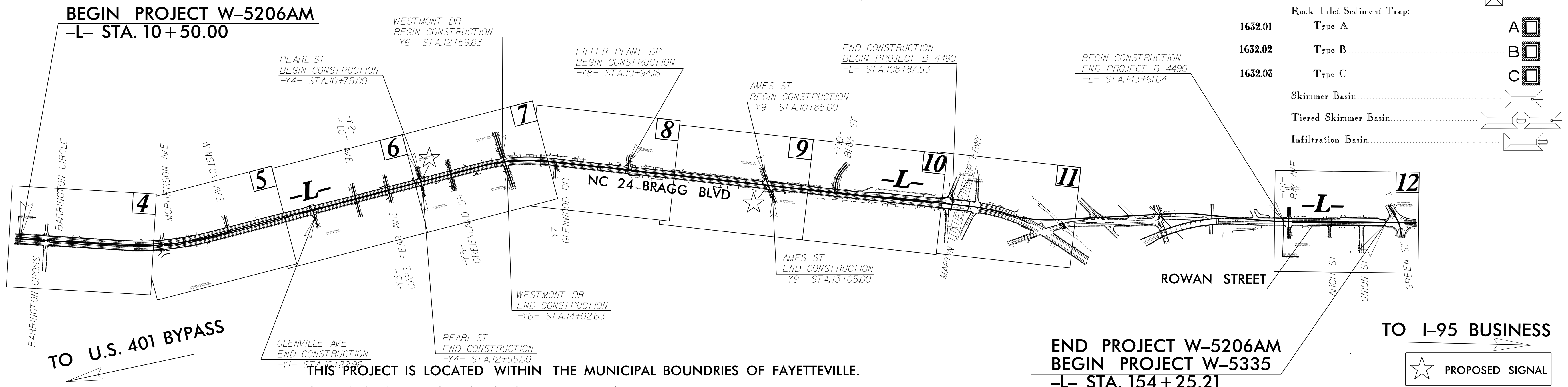
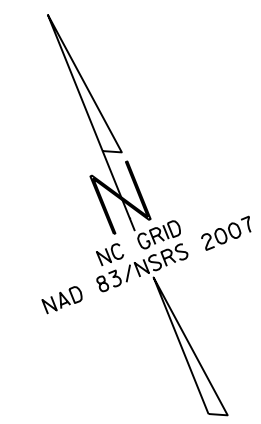
**LOCATION: NC 24/NC87 FROM BARRINGTON CROSS STREET TO EAST OF MARTIN LUTHER KING WESTBOUND RAMPS; AND NC 24/ NC 210 (ROWAN STREET) BETWEEN RAY AVENUE AND RAMSEY STREET**

**TYPE OF WORK: GRADING, PAVING, DRAINAGE, SIGNING, PAVEMENT MARKINGS, & SIGNALS**

**EROSION AND SEDIMENT CONTROL MEASURES**

Std. #	Description	Symbol
1630.03	Temporary Silt Ditch	TD
1630.05	Temporary Diversion	TD
1605.01	Temporary Silt Fence	
1606.01	Special Sediment Control Fence	△
1622.01	Temporary Berms and Slope Drains	—
1630.02	Silt Basin Type B	▨
1633.01	Temporary Rock Silt Check Type-A	▨
	Temporary Rock Silt Check Type-A with Matting and Polyacrylamide (PAM)	▨
1633.02	Temporary Rock Silt Check Type-B	▨
	Wattle/Coir Fiber Wattle	—
	Wattle/Coir Fiber Wattle with Polyacrylamide (PAM)	—
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	⊓
1630.04	Stilling Basin	▭
1630.06	Special Stilling Basin	▭
	Rock Inlet Sediment Trap:	
1632.01	Type A	A
1632.02	Type B	B
1632.03	Type C	C
	Skimmer Basin	▭
	Tiered Skimmer Basin	▭
	Infiltration Basin	▭

**TIP PROJECT: W-5206AM**



THIS PROJECT IS LOCATED WITHIN THE MUNICIPAL BOUNDRIES OF FAYETTEVILLE.  
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.

★ PROPOSED SIGNAL

PRELIMINARY PLANS  
DO NOT USE FOR CONSTRUCTION

**GRAPHIC SCALE**

0  
PLANS

0  
PROFILE (HORIZONTAL)

0  
PROFILE (VERTICAL)

THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH THE REGULATIONS SET FORTH BY THE NCG-010000 GENERAL CONSTRUCTION PERMIT EFFECTIVE AUGUST 3, 2011 AND ISSUED BY THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES DIVISION OF WATER RESOURCES.

Prepared in the Office of:  
**MI - ENGINEERING**  
1011 SCHAUB DRIVE, SUITE 100  
RALEIGH, NC 27606

**2012 STANDARD SPECIFICATIONS**

Designed by:  
**MELANIE NGUYEN** 3223  
NAME LEVEL III CERTIFICATION NO.

Reviewed in the Office of:  
**ROADSIDE ENVIRONMENTAL UNIT**  
1 South Wilmington St.  
Raleigh, NC 27611

**2012 STANDARD SPECIFICATIONS**

Reviewed by:  
**JEREMY GOODWIN**

Roadway Standard Drawings

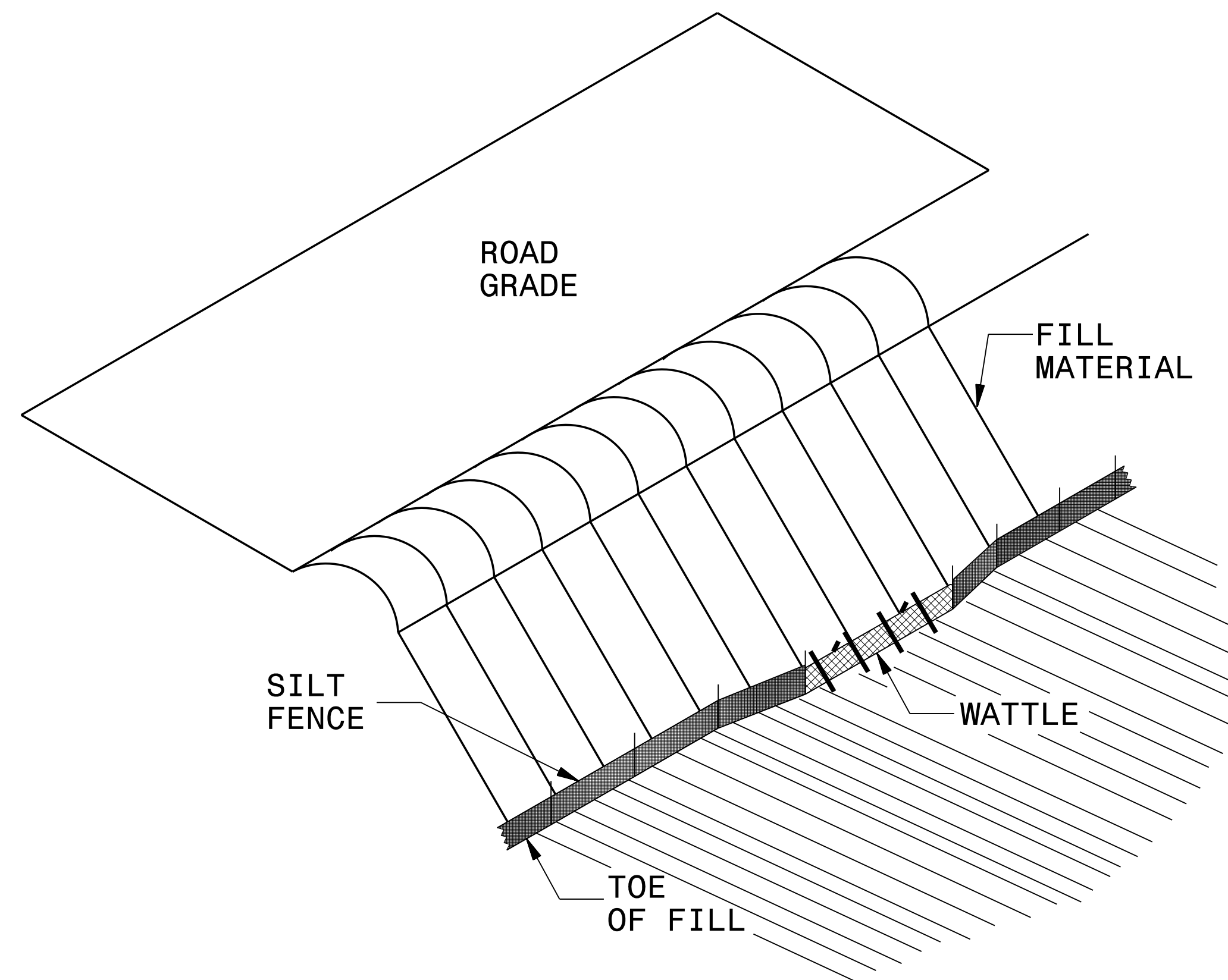
The following roadway english standards as appear in "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2012 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

1604.01 Railroad Erosion Control Detail	1632.01 Rock Inlet Sediment Trap Type A
1605.01 Temporary Silt Fence	1632.02 Rock Inlet Sediment Trap Type B
1606.01 Special Sediment Control Fence	1632.03 Rock Inlet Sediment Trap Type C
1607.01 Gravel Construction Entrance	1633.01 Temporary Rock Silt Check Type A
1622.01 Temporary Berms and Slope Drains	1633.02 Temporary Rock Silt Check Type B
1630.01 Riser Basin	1634.01 Temporary Rock Sediment Dam Type A
1630.02 Silt Basin Type B	1634.02 Temporary Rock Sediment Dam Type B
1630.03 Temporary Silt Ditch	1635.01 Rock Pipe Inlet Sediment Trap Type A
1630.04 Stilling Basin	1635.02 Rock Pipe Inlet Sediment Trap Type B
1630.05 Temporary Diversion	1640.01 Coir Fiber Baffle
1630.06 Special Stilling Basin	1645.01 Temporary Stream Crossing
1631.01 Matting Installation	

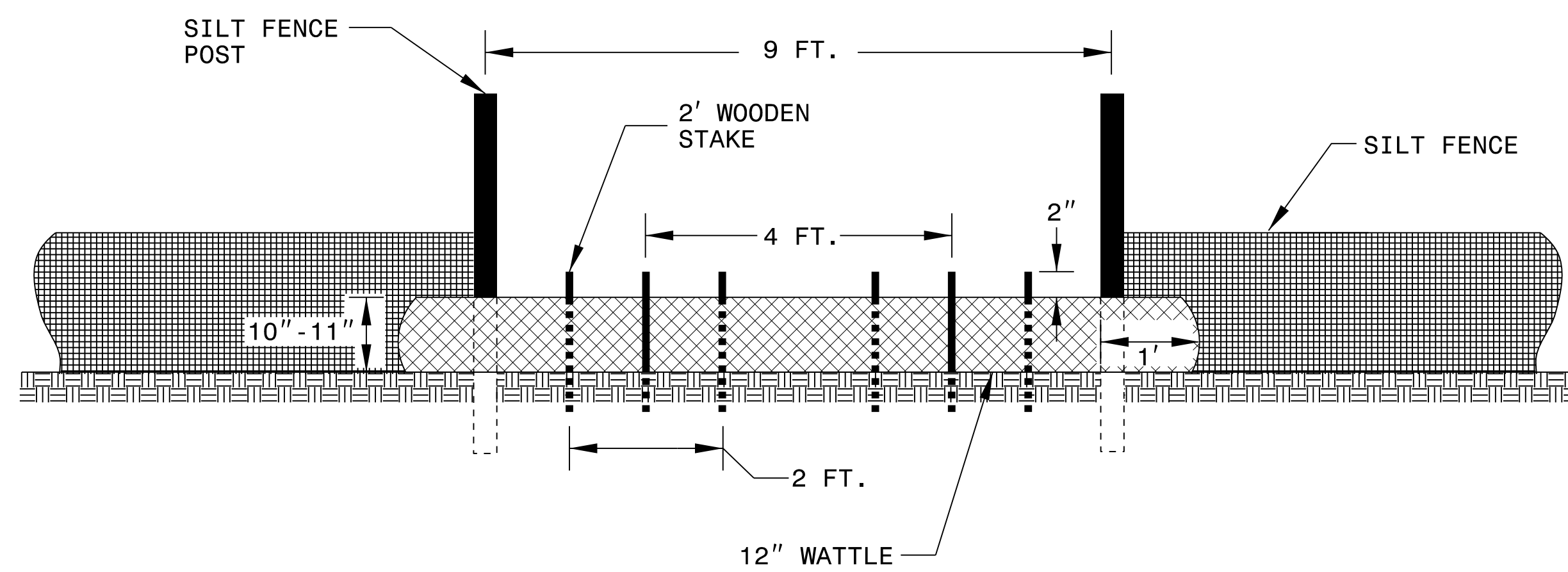
\*\*\*\*\*STANDARD DRAWINGS\*\*\*\*\*

# SILT FENCE COIR FIBER WATTLE BREAK DETAIL

PROJECT REFERENCE NO. W-5206AM	SHEET NO. EC-02
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER



**ISOMETRIC VIEW**

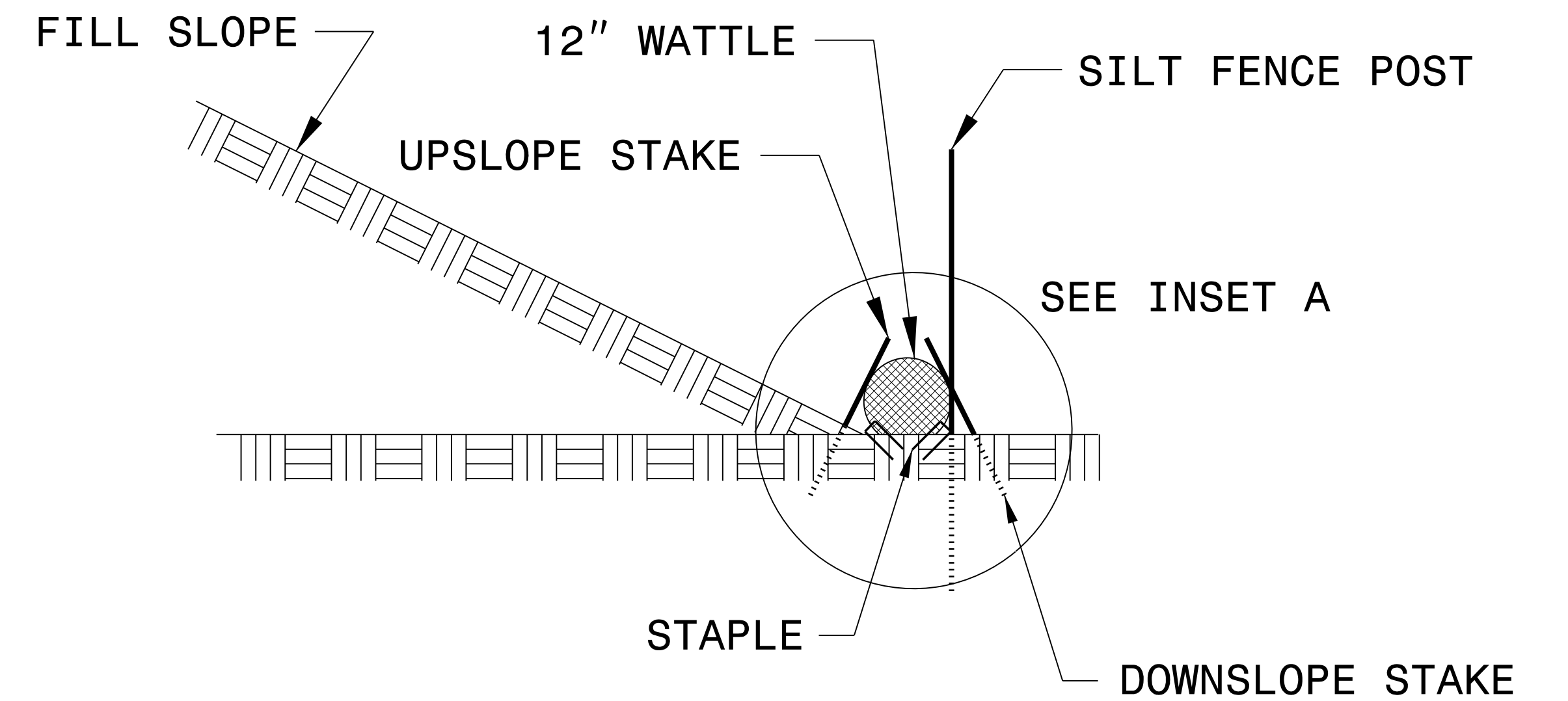
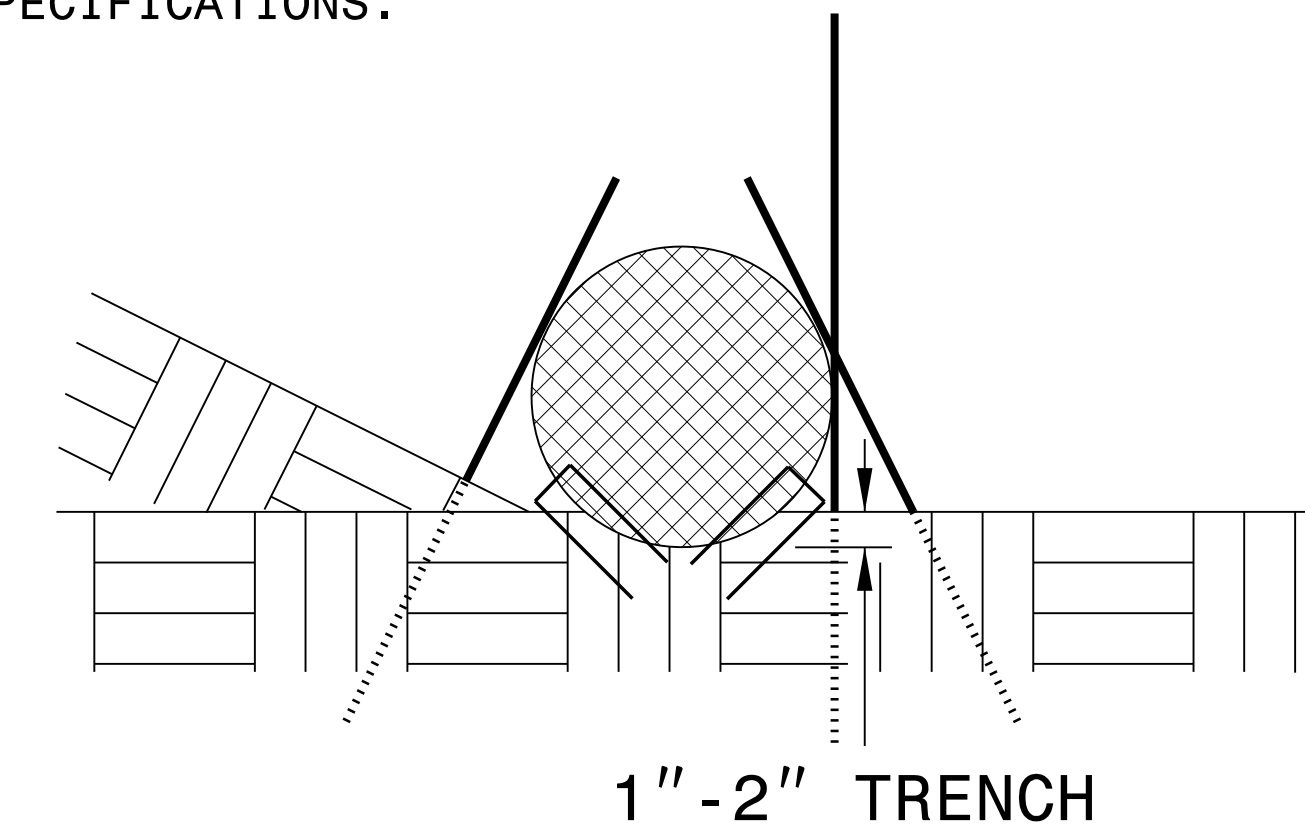


**VIEW FROM SLOPE**

**NOTES:**

- USE MINIMUM 12 IN. DIAMETER COIR FIBER (COCONUT FIBER) WATTLE AND LENGTH OF 10 FT.
- EXCAVATE A 1 TO 2 INCH TRENCH FOR WATTLE TO BE PLACED.
- DO NOT PLACE WATTLE ON TOE OF SLOPE.
- USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.
- INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO GROUND.
- PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.
- INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.
- WATTLE INSTALLATION CAN BE ON OUTSIDE OF THE SILT FENCE AS DIRECTED.
- INSTALL TEMPORARY SILT FENCE IN ACCORDANCE WITH SECTION 1605 OF THE STANDARD SPECIFICATIONS.

**INSET A**



**SIDE VIEW**

DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

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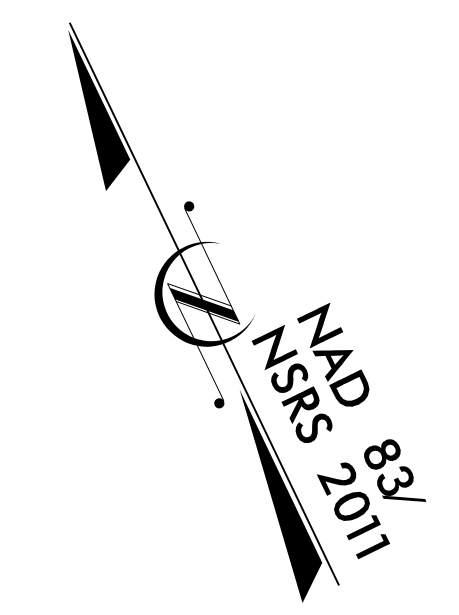
PROJECT REFERENCE NO.	SHEET NO.
<i>W-5206AM</i>	<i>EC-03</i>
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

# ***SOIL STABILIZATION TIMEFRAMES***

<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 OR FLATTER	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH.
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	NONE, EXCEPT FOR PERIMETERS AND HQW ZONES.

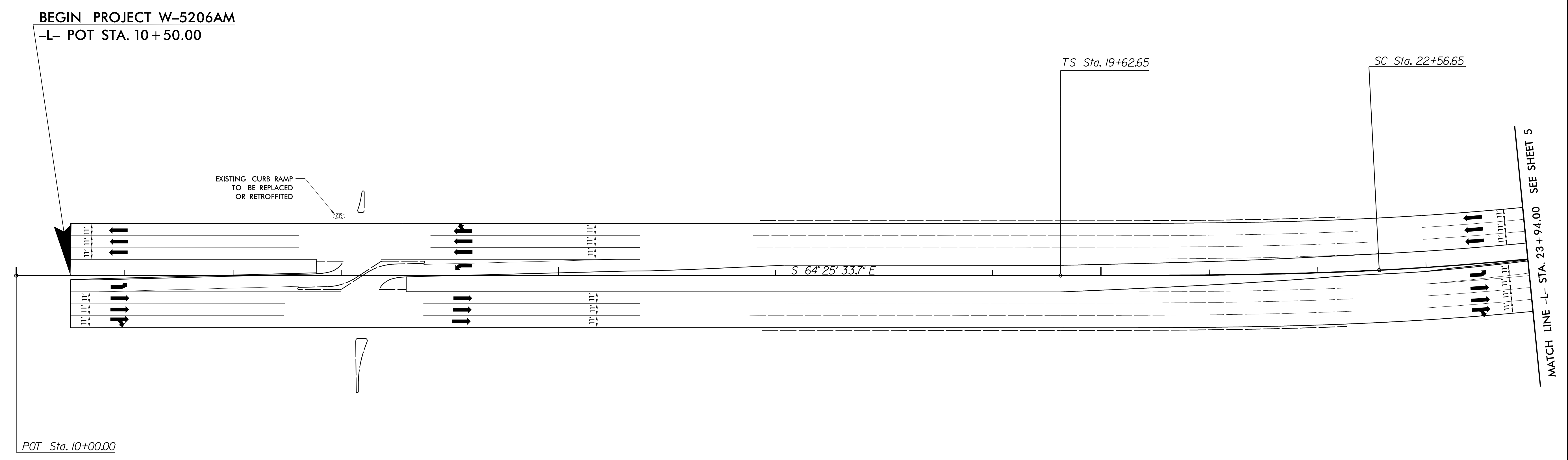
8/17/99

PROJECT REFERENCE NO. W-5206AM	SHEET NO. EC-04/CONST.04
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CDM Smith Camp Dresser & McKee 5470 Glenwood Avenue Suite 400 Raleigh, NC 27612-3228 NC CDA No. F-0412	M8 Engineering, PLLC 1311 Schaub Drive Suite 100 Raleigh, NC 27608 NC CDA No. P-0671



UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF TYPE C INLET PROTECTION AT INLETS WHERE RUNOFF MAY POND ON ROADWAY USED BY PUBLIC TRAFFIC



REVISIONS



- 1. ( )
- 2. ( )
- 3. ( )
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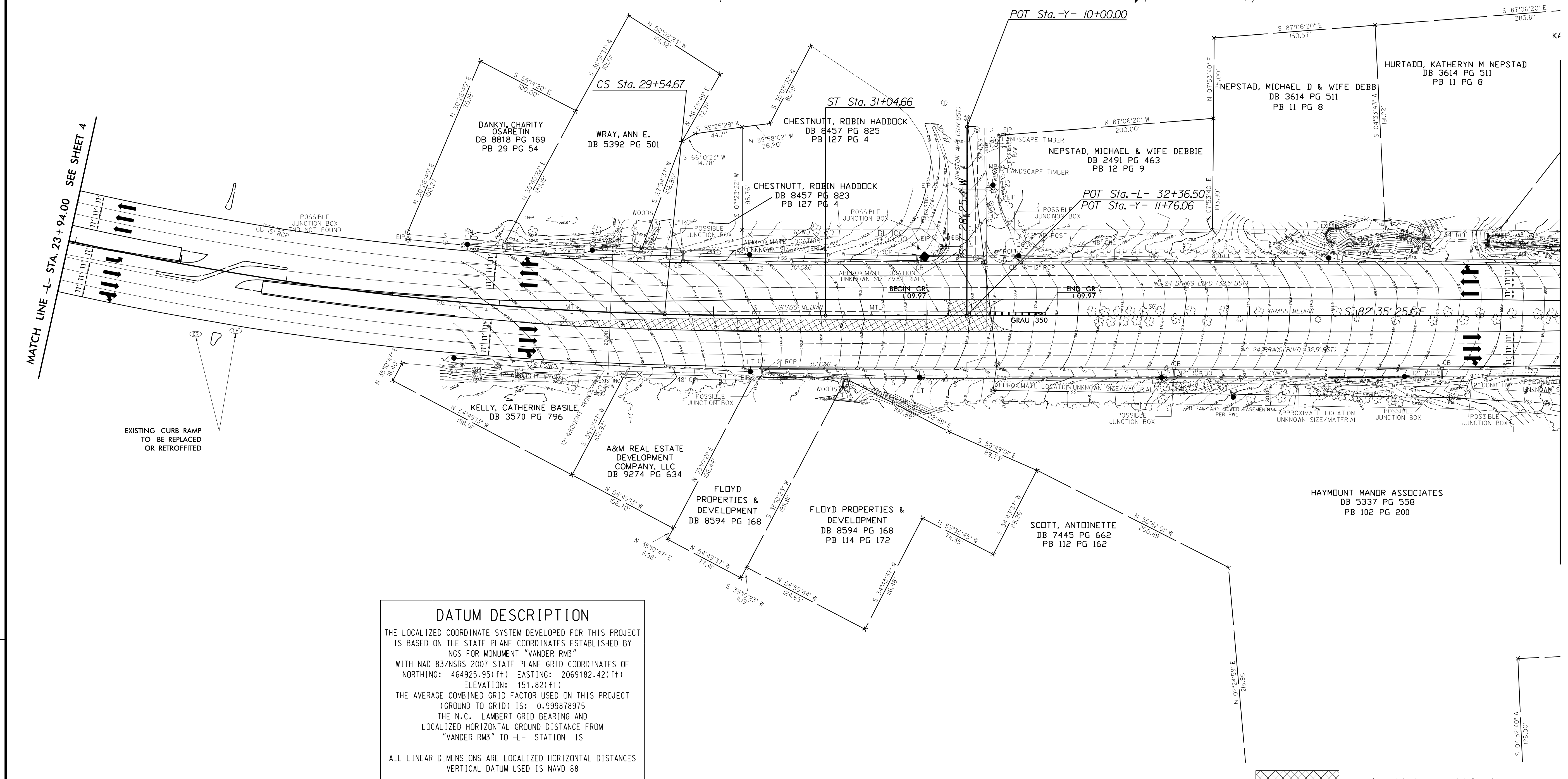
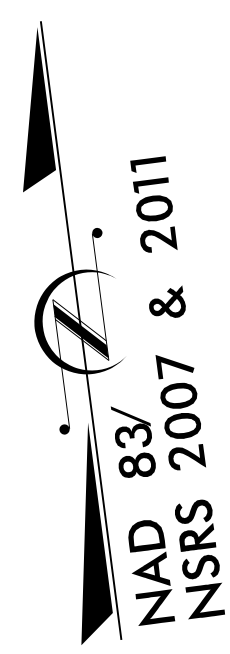
USE DATUM DESCRIPTION FOR STA. 10+50.00 TO STA. 27+60.06

NOTE: SEE SHEET 13 FOR PROFILE  
SEE SHEET 2B-1 THRU 2B-5A  
FOR CURB RAMP DETAILS

PROJECT REFERENCE NO.		SHEET NO.	
W-5206AM		EC-05/CONST.05	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
CDM Smith		 Camp Dresser & McKee 5401 Glenwood Avenue Suite 400 Raleigh, NC 27612-3228 NC CDA No. F-0412	
		 MB Engineering, PLLC 1011 Schuch Drive Suite 100 Raleigh, NC 27606 NC CDA No. P4671	

LUTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF TYPE C INLET PROTECTION AT INLETS WHERE RUNOFF MAY POND ON ROADWAY USED BY PUBLIC TRAFFIC

-L-		
Pls Sta 21+58.68 Os = 2' 54' 08.3" Ls = 294.00' LT = 196.03' ST = 98.02'	PI Sta 26+07.35 Δ = 13' 46' 52.6" (LT) D = 1' 58' 27.7" L = 698.01' T = 350.70' R = 2,902.00'	Pls Sta 30+04.67 Os = 1' 28' 50.4" Ls = 149.99' LT = 100.00' ST = 50.00'



EXISTING CURB RAMP TO BE REPLACED OR RETROFFITED

**DATUM DESCRIPTION**  
 THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NGS FOR MONUMENT "VANDER RM3"  
 WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF  
 NORTHING: 464925.95(±ft) EASTING: 2069182.42(±ft)  
 ELEVATION: 151.82(±ft)  
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999878975  
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "VANDER RM3" TO -L- STATION IS  
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES  
 VERTICAL DATUM USED IS NAVD 88

USE DATUM DESCRIPTION FOR STA. 27+60.06 TO STA. 154+25.21

 PAVEMENT REMOVAL

NOTE: SEE SHEET 13 & 14 FOR PROFILE  
 SEE SHEET 2B-1 THRU 2B-5A  
 FOR CURB RAMP DETAILS

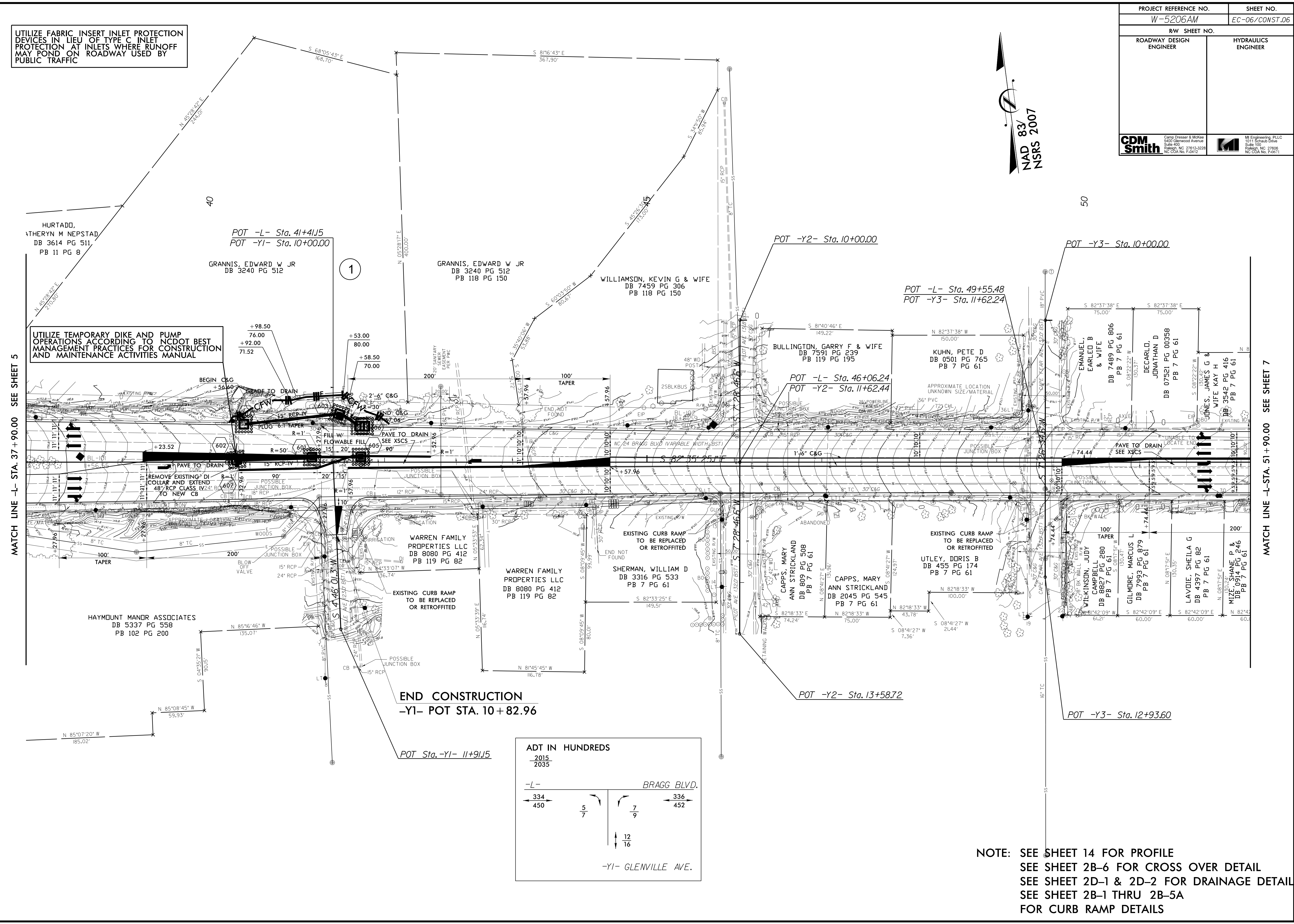
REVISIONS

8/17/99

PROJECT REFERENCE NO.		SHEET NO.	
W-5206AM		EC-06/CONST.06	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF TYPE C INLET PROTECTION AT INLETS WHERE RUNOFF MAY POND ON ROADWAY USED BY PUBLIC TRAFFIC

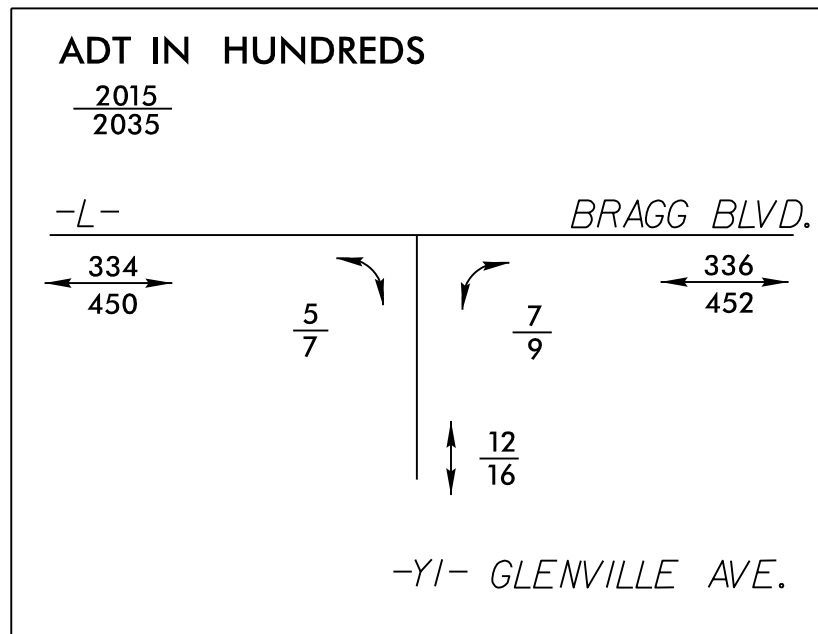
UTILIZE TEMPORARY DIKE AND PUMP OPERATIONS ACCORDING TO NCDOT BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AND MAINTENANCE ACTIVITIES MANUAL



REVISIONS

MATCH LINE -L- STA. 37 + 90.00 SEE SHEET 5

MATCH LINE -L- STA. 51 + 90.00 SEE SHEET 7

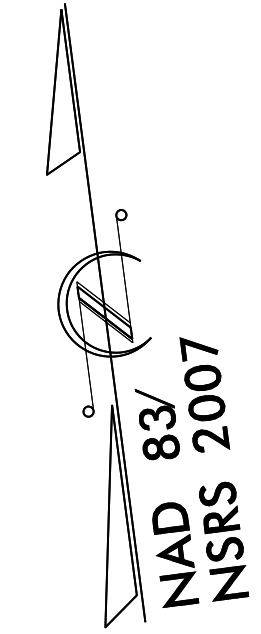


NOTE: SEE SHEET 14 FOR PROFILE  
 SEE SHEET 2B-6 FOR CROSS OVER DETAIL  
 SEE SHEET 2D-1 & 2D-2 FOR DRAINAGE DETAIL  
 SEE SHEET 2B-1 THRU 2B-5A FOR CURB RAMP DETAILS

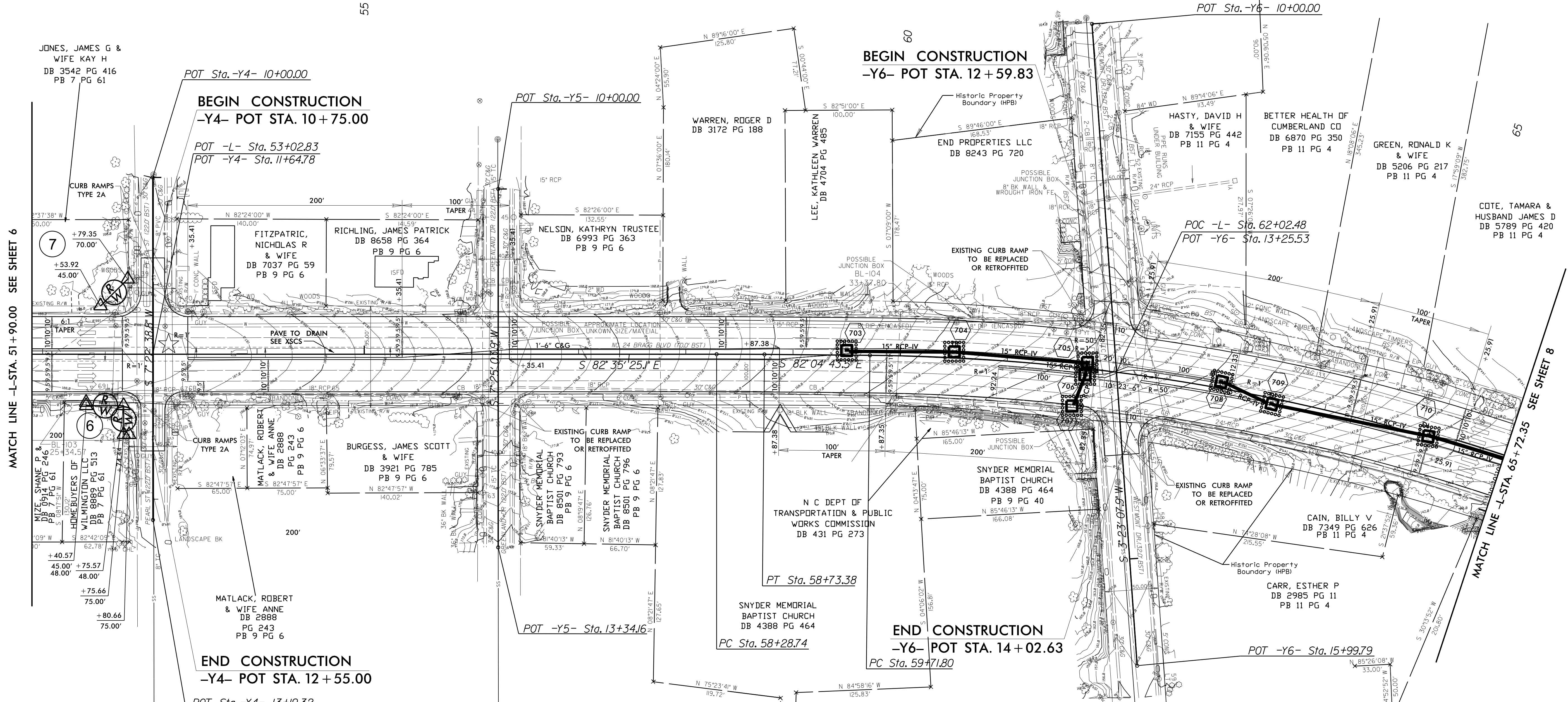
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 HURTADO, THERYIN M NEPSTAD DB 3614 PG 511 PB 11 PG 8  
 GRANNIS, EDWARD W JR DB 3240 PG 512  
 WILLIAMSON, KEVIN G & WIFE DB 7459 PG 306 PB 118 PG 150  
 BULLINGTON, GARRY F & WIFE DB 7591 PG 239 PB 119 PG 195  
 KUHN, PETE D DB 0501 PG 765 PB 7 PG 61  
 EMANUEL, EARLE B & WIFE DB 7489 PG 806 PB 7 PG 61  
 DECARLO, JONATHAN D DB 07521 PG 00358 PB 7 PG 61  
 JONES, JAMES G & WIFE KAY H DB 3542 PG 416 PB 7 PG 61  
 WARREN FAMILY PROPERTIES LLC DB 8080 PG 412 PB 119 PG 82  
 SHERMAN, WILLIAM D DB 3316 PG 533 PB 7 PG 61  
 CAPPS, MARY ANN STRICKLAND DB 809 PG 508 PB 7 PG 61  
 CAPPS, MARY ANN STRICKLAND DB 2045 PG 545 PB 7 PG 61  
 UTLEY, DORIS B DB 455 PG 174 PB 7 PG 61  
 WILKINSON, JUDY CAMPBELL DB 8827 PG 61 PB 7 PG 61  
 GILMORE, MARCUS L DB 7993 PG 879 PB 7 PG 61  
 LAVOIE, SHEILA G DB 4397 PG 82 PB 7 PG 61  
 MIZO, SHANE P & WIFE DB 0914 PG 246 PB 7 PG 61  
 HAYMOUNT MANOR ASSOCIATES DB 5337 PG 558 PB 102 PG 200

UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF TYPE C INLET PROTECTION AT INLETS WHERE RUNOFF MAY POND ON ROADWAY USED BY PUBLIC TRAFFIC

-L-	
PI Sta 58+51.06 Δ = 0° 30' 41.6" (RT) D = 1° 08' 45.3" L = 44.64' T = 22.32' R = 5,000.00'	PI Sta 63+12.19 Δ = 19° 54' 11.2" (RT) D = 2° 57' 12.2" L = 673.91' T = 340.38' R = 1,940.00'



5/15/2015 - R/W REVISION: ADDED PARCELS 6 AND 7 AND ADDED PROPOSED RIGHT OF WAY ON BOTH PARCELS - DJC



MATCH LINE -L- STA. 51+90.00 SEE SHEET 6

MATCH LINE -L- STA. 65+72.35 SEE SHEET 8

ADT IN HUNDREDS			
-2015 / 2035			
-Y4- PEARL ST.			
7 10	10 13	24 32	
-L- BRAGG BLVD.			
← 336 / 452	4 / 6	3 / 5	→ 338 / 456
	14 18		

ADT IN HUNDREDS			
-2015 / 2035			
-Y6- WESTMONT DR.			
10 14	13 17	24 32	
-L- BRAGG BLVD.			
← 339 / 456	2 / 3	2 / 3	→ 344 / 459
	5 7		

★ TRAFFIC SIGNAL

NOTE: EXISTING FLASHING YELLOW LIGHT ON WESTMONT DR TO BE REMOVED  
SEE SHEET 14 & 15 FOR PROFILE  
SEE SHEET 2B-1 THRU 2B-5A FOR CURB RAMP DETAILS  
SEE SHEET 2B-7 & 2B-8 FOR CROSS OVER DETAILS  
SEE SHEET 2D-1 & 2D-2 FOR DRAINAGE DETAILS

REVISIONS



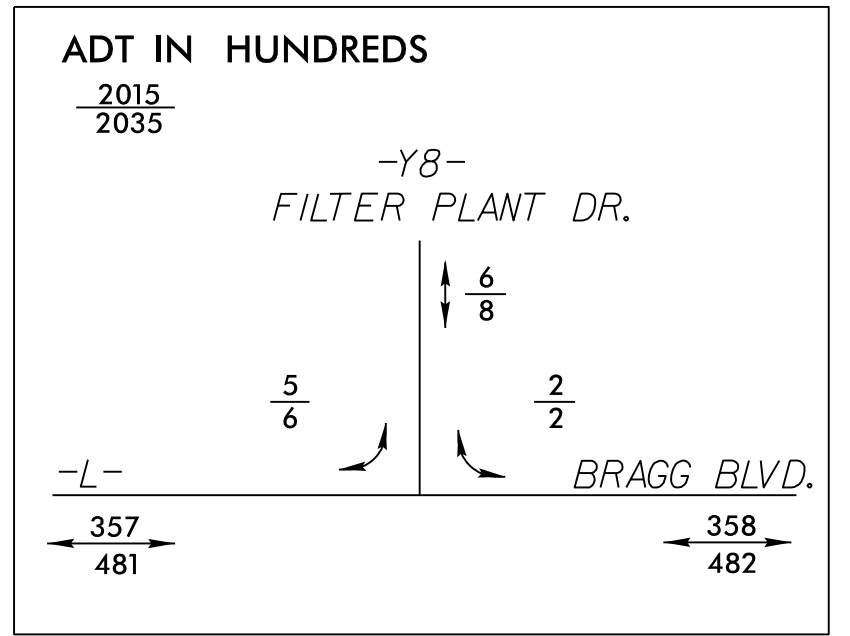
PROJECT REFERENCE NO. W-5206AM	SHEET NO. EC-08/CONST.08
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
CDM Smith Camp Dresser & McKee 5401 Glenwood Avenue Suite 400 Raleigh, NC 27612-3228 NC CDA No. F-0412	MB Engineering, PLLC 1011 Schuch Drive Suite 100 Raleigh, NC 27606 NC CDA No. P-4671

UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF TYPE C INLET PROTECTION AT INLETS WHERE RUNOFF MAY POND ON ROADWAY USED BY PUBLIC TRAFFIC

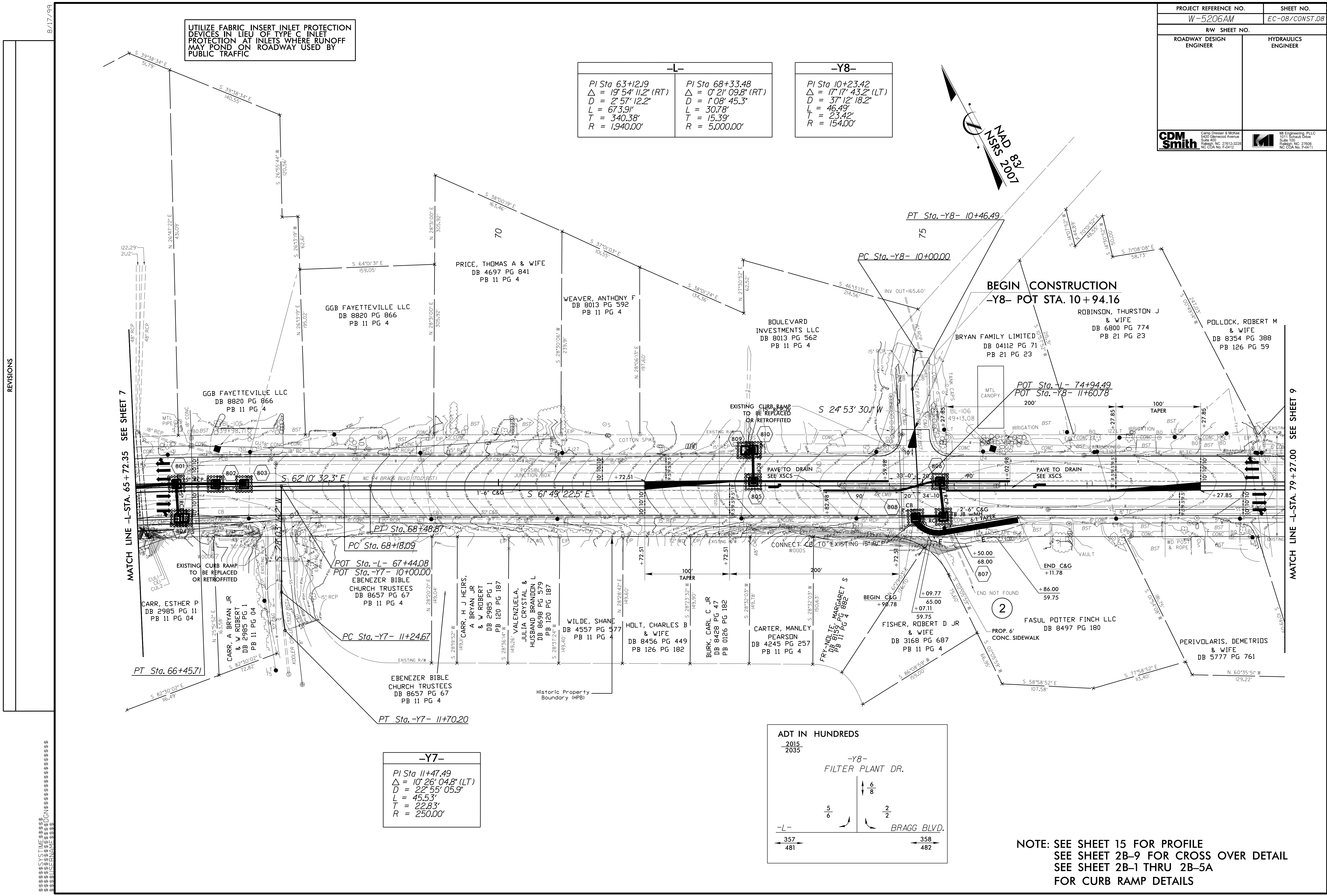
-L-	
PI Sta 63+12.19	PI Sta 68+33.48
$\Delta = 19' 54" 11.2" (RT)$	$\Delta = 0' 21" 09.8" (RT)$
$D = 2' 57" 12.2"$	$D = 1' 08" 45.3"$
$L = 673.91'$	$L = 30.78'$
$T = 340.38'$	$T = 15.39'$
$R = 1,940.00'$	$R = 5,000.00'$

-Y8-	
PI Sta 10+23.42	PI Sta 10+23.42
$\Delta = 17' 17" 43.2" (LT)$	$\Delta = 17' 17" 43.2" (LT)$
$D = 37' 12" 18.2"$	$D = 37' 12" 18.2"$
$L = 46.49'$	$L = 46.49'$
$T = 23.42'$	$T = 23.42'$
$R = 154.00'$	$R = 154.00'$

-Y7-	
PI Sta 11+47.49	PI Sta 11+47.49
$\Delta = 10' 26" 04.8" (LT)$	$\Delta = 10' 26" 04.8" (LT)$
$D = 22' 55" 05.9"$	$D = 22' 55" 05.9"$
$L = 45.53'$	$L = 45.53'$
$T = 22.83'$	$T = 22.83'$
$R = 250.00'$	$R = 250.00'$



NOTE: SEE SHEET 15 FOR PROFILE  
SEE SHEET 2B-9 FOR CROSS OVER DETAIL  
SEE SHEET 2B-1 THRU 2B-5A  
FOR CURB RAMP DETAILS



REVISIONS

MATCH LINE -L- STA. 65+72.35 SEE SHEET 7

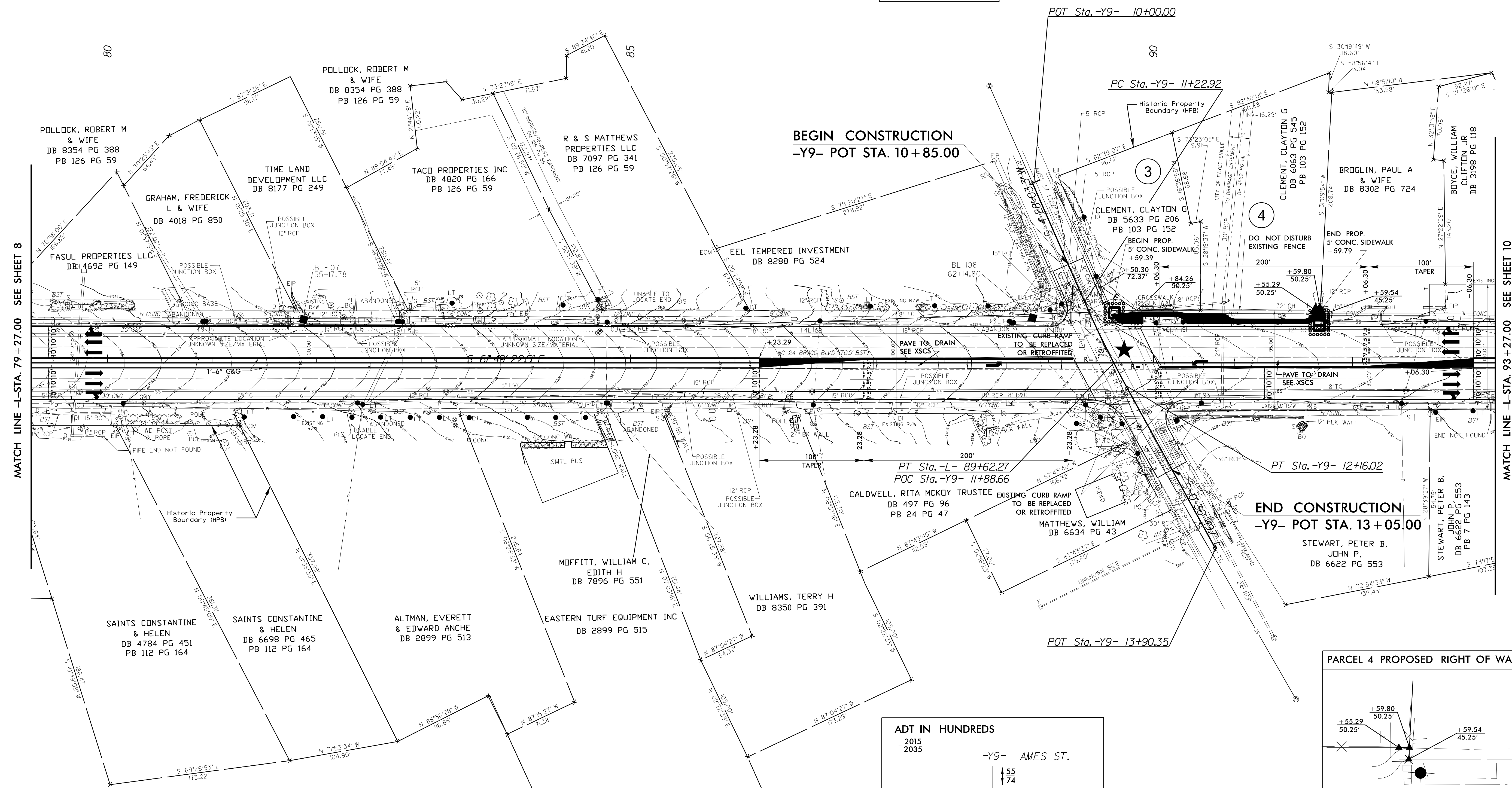
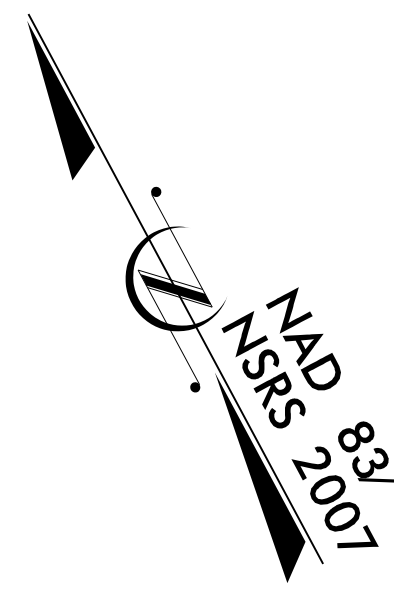
MATCH LINE -L- STA. 79+27.00 SEE SHEET 9

8.17.99  
C:\Users\jmc\OneDrive\Documents\Projects\W-5206AM\EC-08\CONST.08\DWG\EC-08-CONST.08.DWG

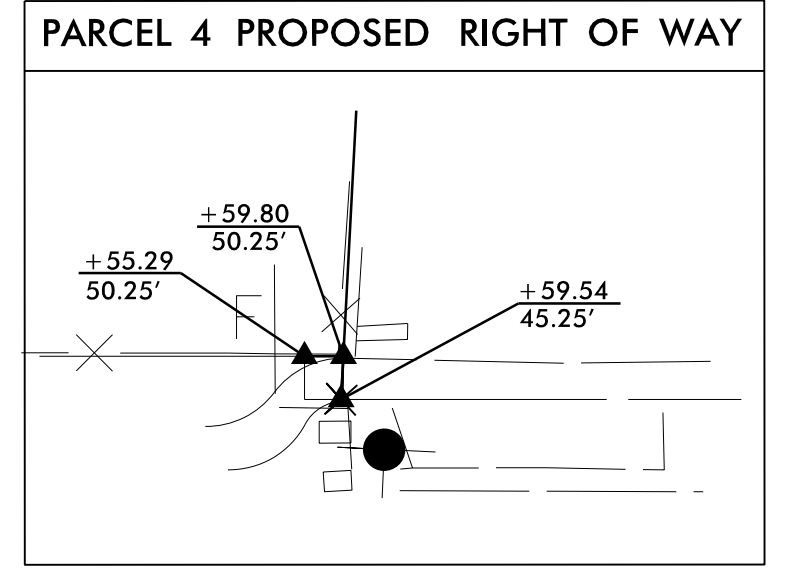
UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF TYPE C INLET PROTECTION AT INLETS WHERE RUNOFF MAY POND ON ROADWAY USED BY PUBLIC TRAFFIC

PROJECT REFERENCE NO. W-5206AM	SHEET NO. EC-09/CONST.09
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>CDM Smith</b> Camp Dresser & McKee 5401 Glenwood Avenue Suite 400 Raleigh, NC 27612-3228 NC CDA No. F-6412	<b>M Engineering, PLLC</b> 1011 Schuch Drive Suite 100 Raleigh, NC 27606 NC CDA No. P-4671

-Y9-  
PI Sta 11+69.50  
 $\Delta = 5^{\circ}04'53.0''$  (LT)  
D = 5'27'29.7"  
L = 93.10'  
T = 46.58'  
R = 1,049.71'



ADT IN HUNDREDS			
2015		2035	
-L-	358	-Y9- AMES ST.	354
	482		477
	8		5
	11		7
			22
			30



★ TRAFFIC SIGNAL  
NOTE: SEE SHEET 15 & 16 FOR PROFILE  
SEE SHEET 2B-1 THRU 2B-5A FOR CURB RAMP DETAILS

REVISIONS

MATCH LINE -L- STA. 79 + 27.00 SEE SHEET 8

MATCH LINE -L- STA. 93 + 27.00 SEE SHEET 10

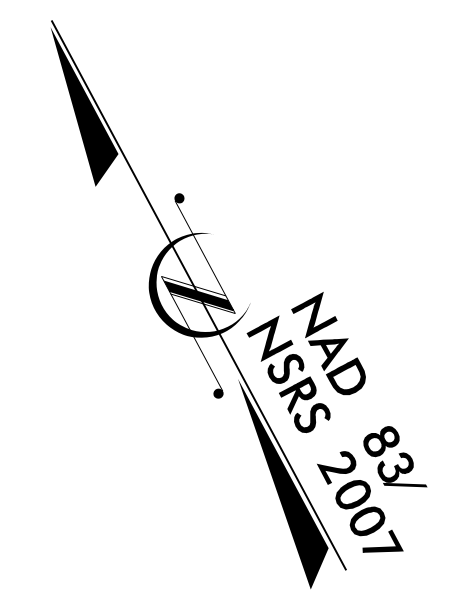
8.17.17.99  
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11/17/2015 10:10:10 AM  
JLD

PROJECT REFERENCE NO. W-5206AM		SHEET NO. EC-10/CONST.10	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
CDM Smith Camp Dresser & McKee 5401 Greenwood Avenue Suite 400 Raleigh, NC 27612-3228 NC CDA No. F-6412		M Engineering, PLLC 1011 Scholz Drive Suite 100 Raleigh, NC 27606 NC CDA No. P-6471	

UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF TYPE C INLET PROTECTION AT INLETS WHERE RUNOFF MAY POND ON ROADWAY USED BY PUBLIC TRAFFIC

**-Y10-**  
 PI Sta 11+51.26  
 $\Delta = 32^{\circ} 01' 02.3" (LT)$   
 $D = 21^{\circ} 05' 09.6"$   
 $L = 151.84'$   
 $T = 77.96'$   
 $R = 271.72'$

**-L-**  
 PI Sta 100+32.86  
 $\Delta = 1^{\circ} 36' 56.4" (LT)$   
 $D = 0^{\circ} 40' 26.6"$   
 $L = 239.69'$   
 $T = 119.85'$   
 $R = 8,500.00'$   
 PI Sta 104+23.93  
 $\Delta = 1^{\circ} 24' 45.8" (RT)$   
 $D = 0^{\circ} 15' 37.6"$   
 $L = 542.44'$   
 $T = 271.23'$   
 $R = 22,000.00'$

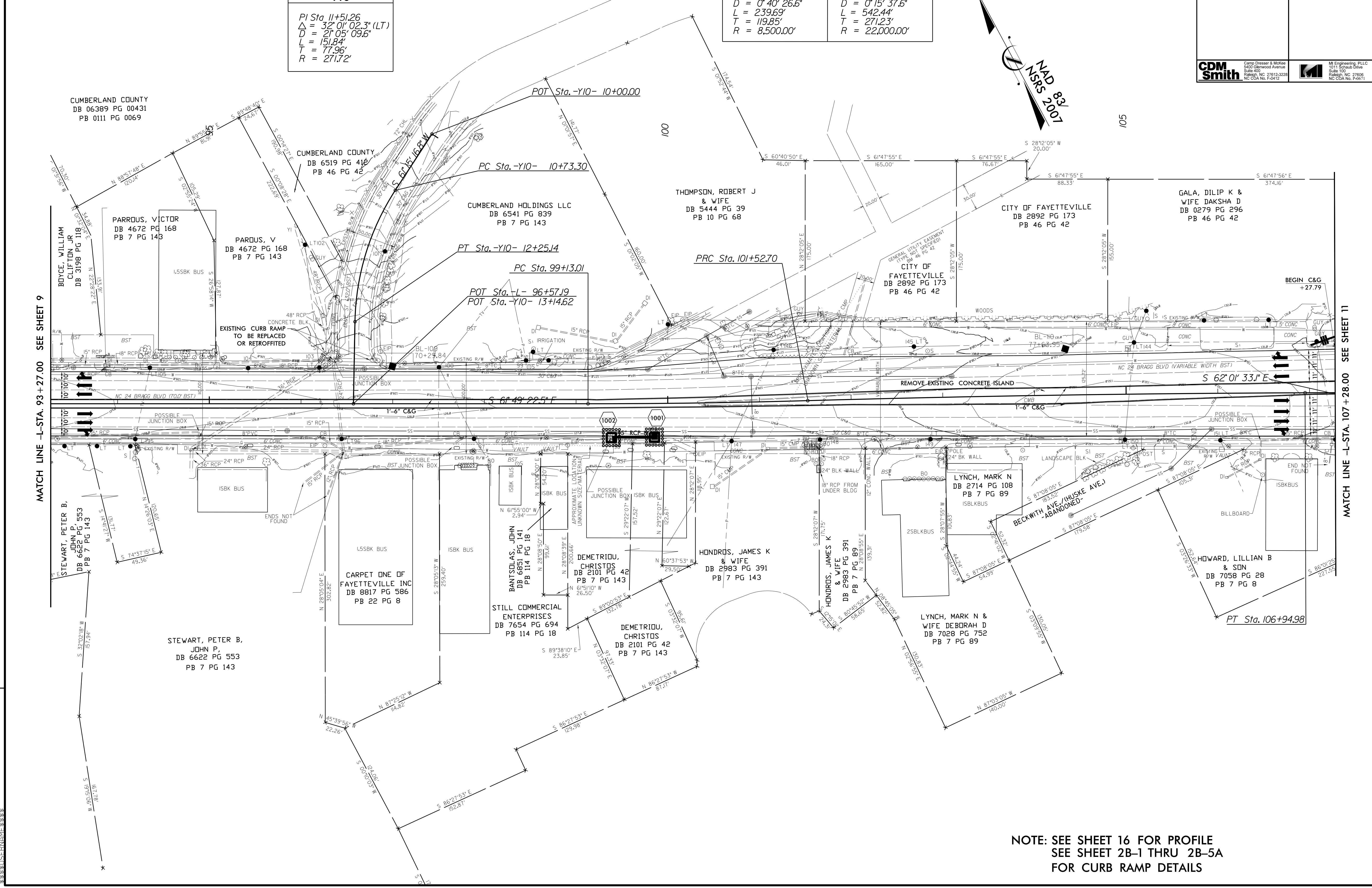


8/17/99

REVISIONS

MATCH LINE -L- STA. 93 + 27.00 SEE SHEET 9

MATCH LINE -L- STA. 107 + 28.00 SEE SHEET 11

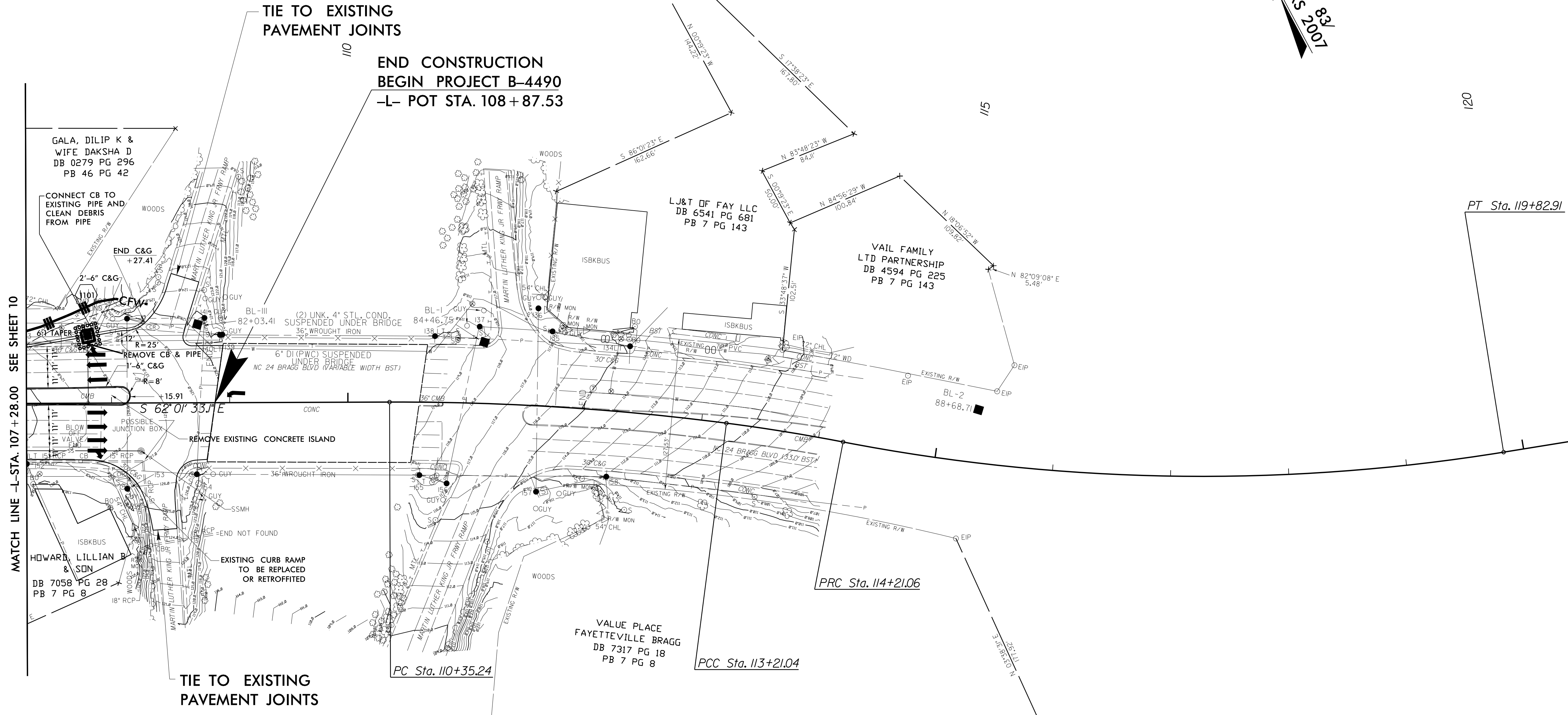
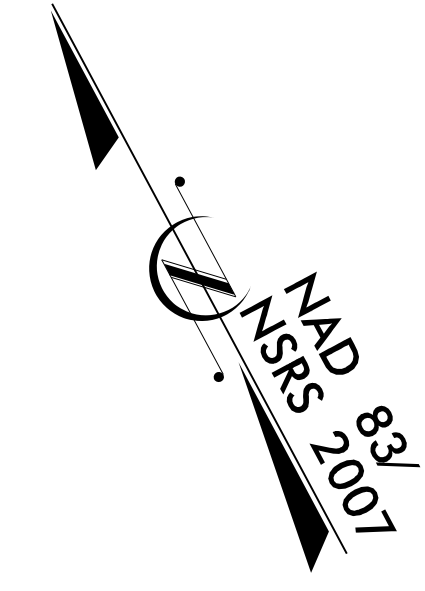


NOTE: SEE SHEET 16 FOR PROFILE  
 SEE SHEET 2B-1 THRU 2B-5A  
 FOR CURB RAMP DETAILS

PROJECT REFERENCE NO.	SHEET NO.
W-5206AM	EC-11/CONST.11
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
<b>CDM Smith</b>	<b>M Engineering, PLLC</b>
<small>Camp Dresser &amp; McKee 5470 Glenwood Avenue Suite 400 Raleigh, NC 27612-3228 NC CDA No. F-0412</small>	<small>M Engineering, PLLC 1011 Schuch Drive Suite 100 Raleigh, NC 27606 NC CDA No. P-0671</small>

UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF TYPE C INLET PROTECTION AT INLETS WHERE RUNOFF MAY POND ON ROADWAY USED BY PUBLIC TRAFFIC

-L-		
PI Sta 111+78.35 Δ = 7' 33' 51.6" (RT) D = 2' 38' 47.9" L = 285.81' T = 143.11' R = 2,164.84'	PI Sta 113+71.07 Δ = 3' 34' 53.1" (RT) D = 3' 34' 51.6" L = 100.01' T = 50.02' R = 1,600.00'	PI Sta 117+04.91 Δ = 20' 07' 11.6" (LT) D = 3' 34' 51.6" L = 561.85' T = 283.85' R = 1,600.00'

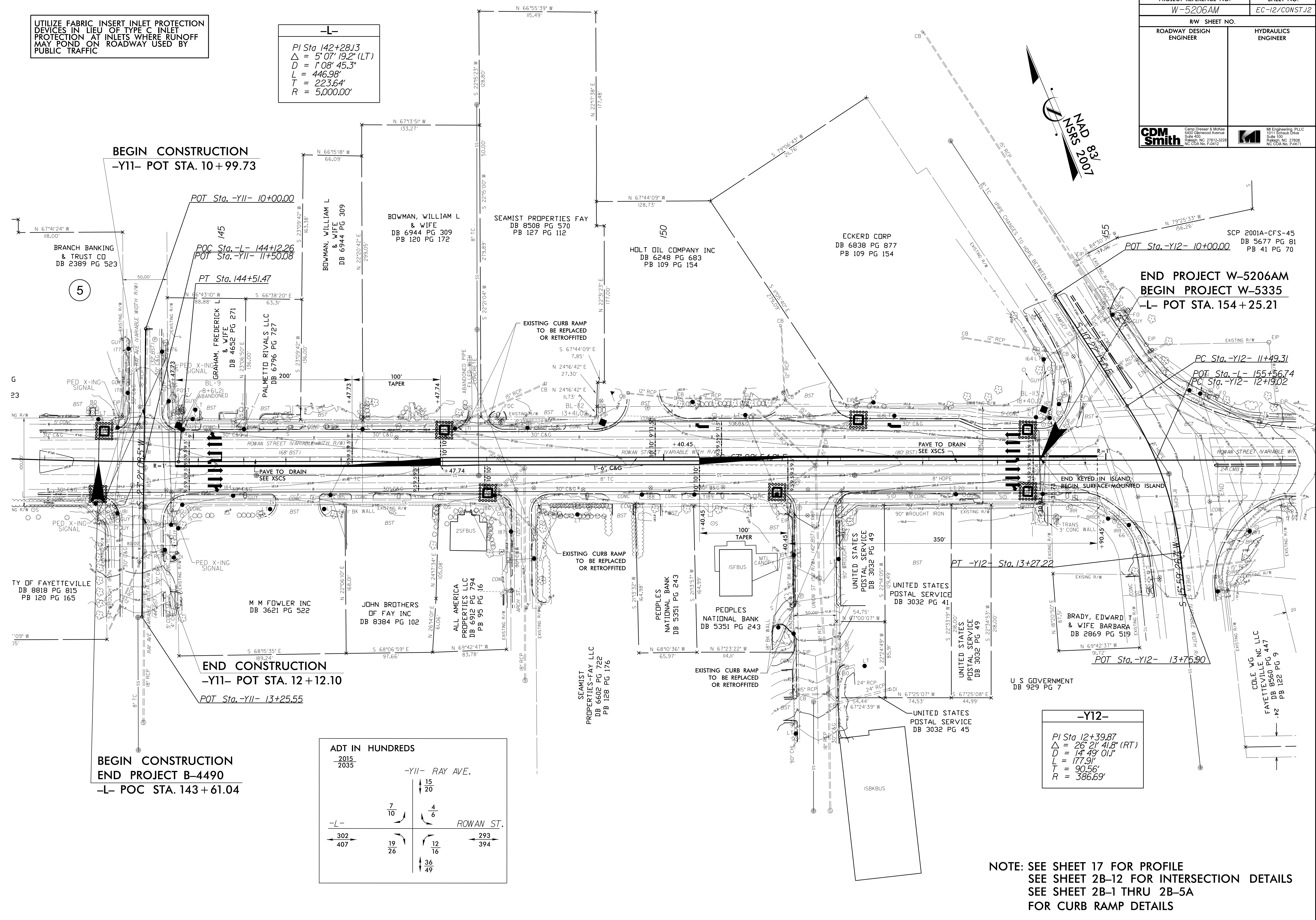
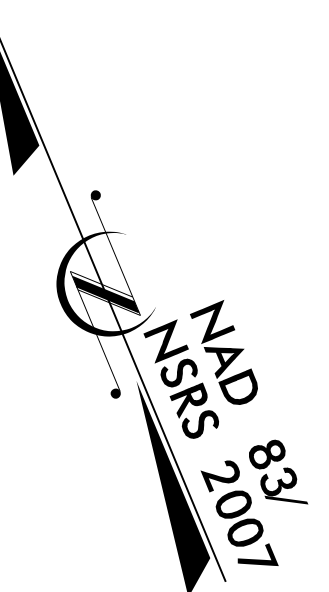


REVISIONS

NOTE: SEE SHEET 16 FOR PROFILE  
SEE SHEET 2B-11 FOR INTERSECTION DETAIL  
SEE SHEET 2B-1 THRU 2B-5A  
FOR CURB RAMP DETAILS

UTILIZE FABRIC INSERT INLET PROTECTION DEVICES IN LIEU OF TYPE C INLET PROTECTION AT INLETS WHERE RUNOFF MAY POND ON ROADWAY USED BY PUBLIC TRAFFIC

**-L-**  
 PI Sta 142+28.13  
 $\Delta = 5'07''19.2''$  (LT)  
 $D = 1'08''45.3''$   
 $L = 446.98'$   
 $T = 223.64'$   
 $R = 5,000.00'$



BEGIN CONSTRUCTION  
 -Y11- POT STA. 10+99.73

END PROJECT W-5206AM  
 BEGIN PROJECT W-5335  
 -L- POT STA. 154+25.21

END CONSTRUCTION  
 -Y11- POT STA. 12+12.10

BEGIN CONSTRUCTION  
 END PROJECT B-4490  
 -L- POC STA. 143+61.04

ADT IN HUNDREDS	
2015	2035
-Y11- RAY AVE.	
7 10	15 20
302 407	19 26
ROWAN ST.	
12 16	293 394
36 49	

**-Y12-**  
 PI Sta 12+39.87  
 $\Delta = 26'21''41.8''$  (RT)  
 $D = 14'49''01.1''$   
 $L = 177.91'$   
 $T = 90.56'$   
 $R = 386.69'$

NOTE: SEE SHEET 17 FOR PROFILE  
 SEE SHEET 2B-12 FOR INTERSECTION DETAILS  
 SEE SHEET 2B-1 THRU 2B-5A  
 FOR CURB RAMP DETAILS

REVISIONS  
 4/07/2015 - R/W REVISION: ELIMINATED PROPOSED WIDENING AND ROW TAKES, PARCEL 5 - CUT

8/17/99  
 C:\SYSTEM32\cmd.exe /c copy /y %1 %2 & del %1