






























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

Note: Not to Scale *S.U.E. = Subsurface Utility Engineering











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 UG 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 R/W 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	_____ 
UG Power Cable Hand Hole	_____ 
H-Frame Pole	_____ 
UG Power Line LOS B (S.U.E.*)	_____ 
UG Power Line LOS C (S.U.E.*)	_____ 
UG Power Line LOS D (S.U.E.*)	_____ 










TELEPHONE:

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







WATER:

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








TV:

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













GAS:

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

SANITARY SEWER:

Sanitary Sewer Manhole	_____ 
Sanitary Sewer Cleanout	_____ 
UG 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.*)	_____ 

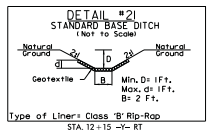
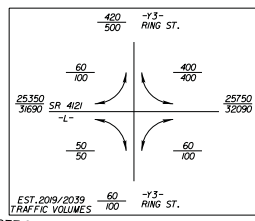
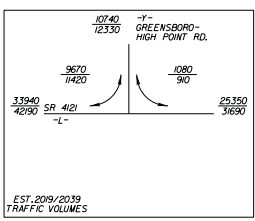
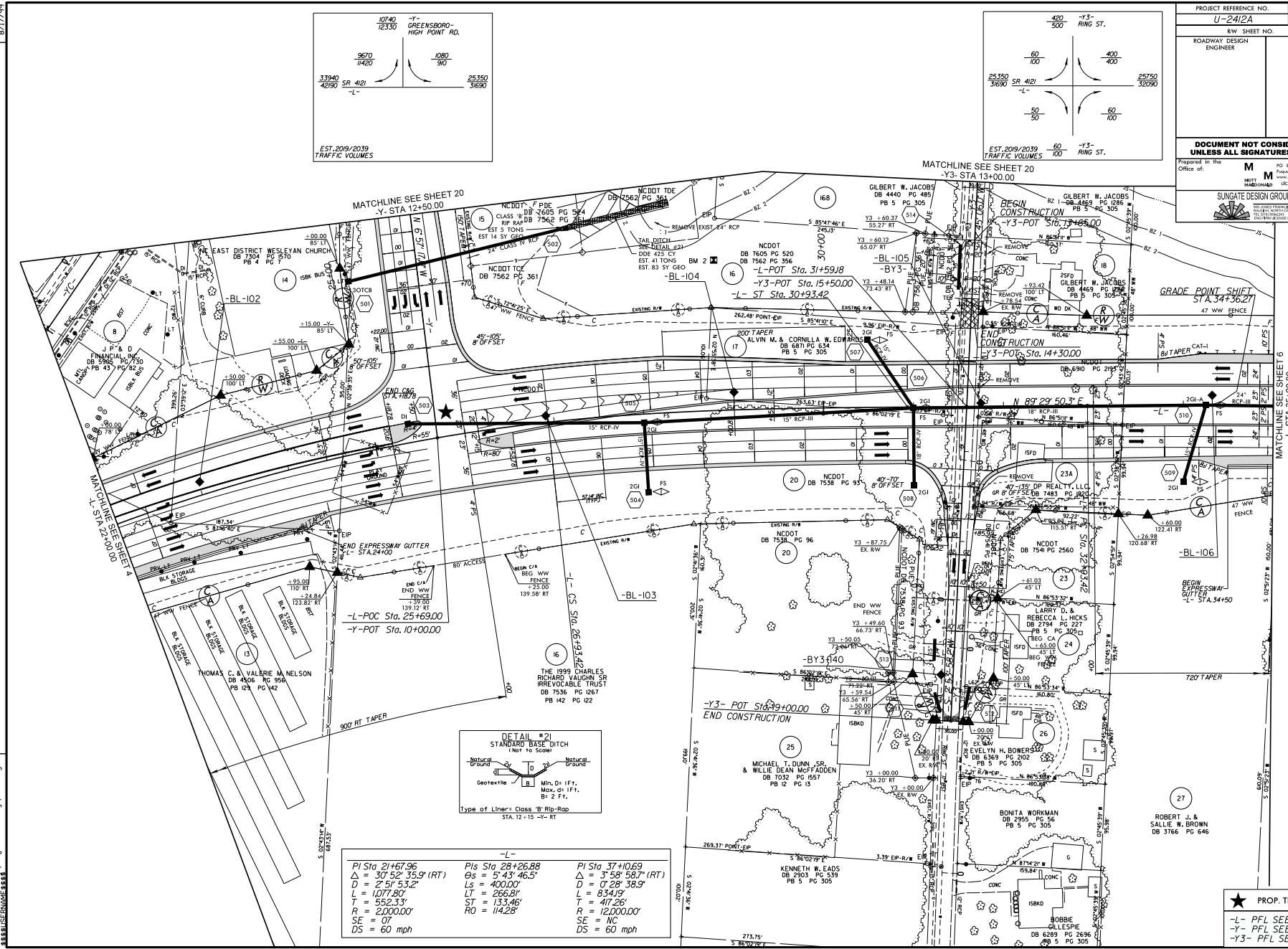
MISCELLANEOUS:

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

PROJECT REFERENCE NO.	U-2412A	SHEET NO.	5
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
Prepared by the Office of: M M MOTT MACDONALD SUNGATE DESIGN GROUP, P.A. <small>1000 W. HARRISBURG AVENUE, SUITE 200, HARRISBURG, PA 17104 TEL: 717.633.2200 FAX: 717.633.2201 LICENSE NOS. E-0687</small>			

NAD 83/95

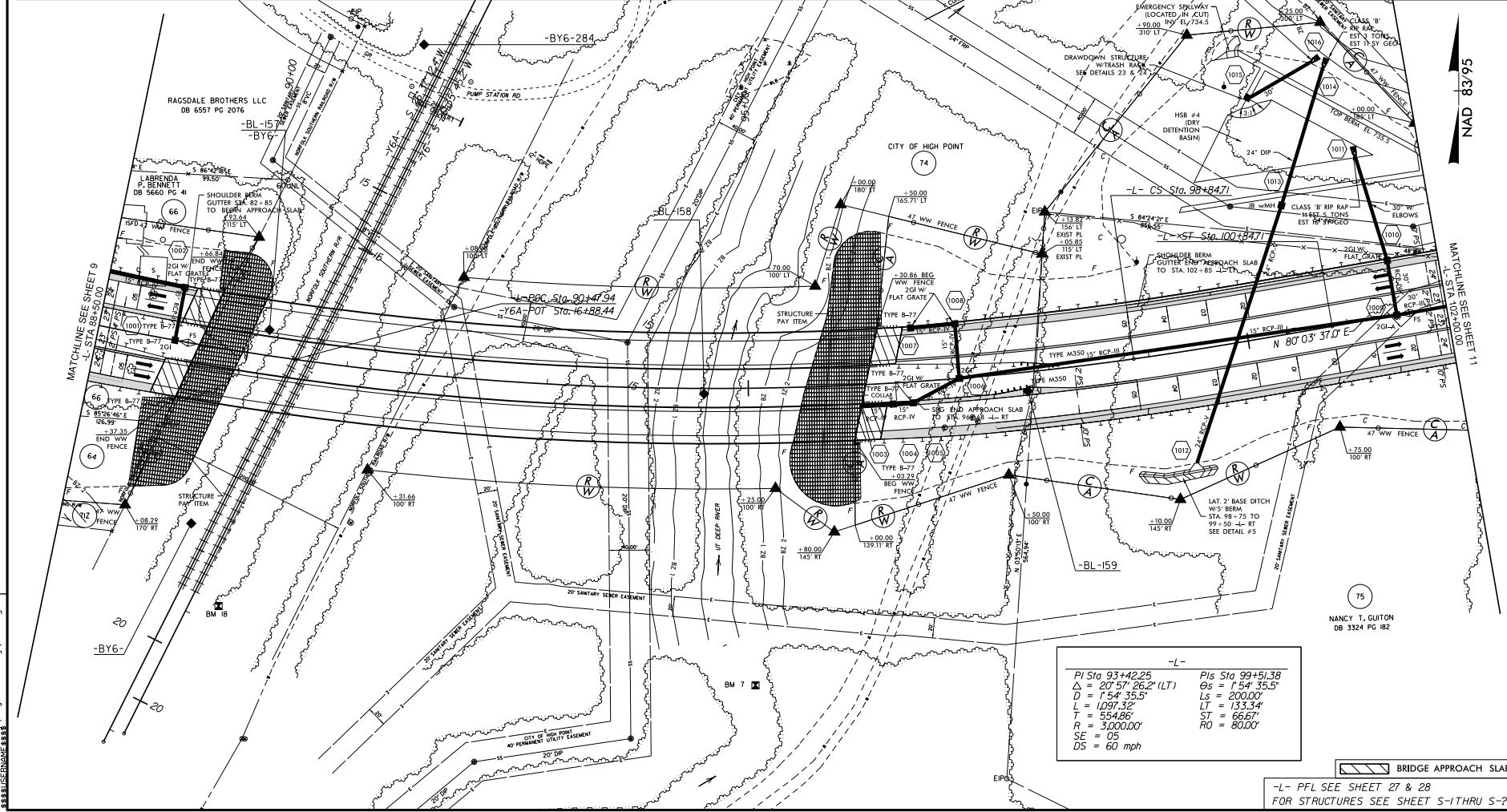
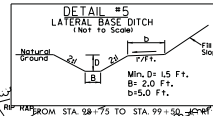
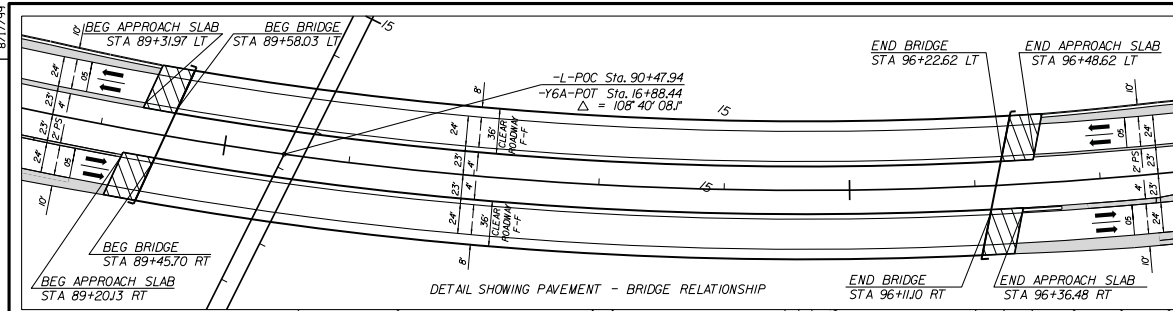
MATCHLINE SEE SHEET 16
-L- STA. 35+00.00



-L-		
PI Sta. 21+67.96	PIs Sta. 28+26.88	PI Sta. 37+10.69
$\Delta = 30' 52" 35.9" (RT)$	$\Delta = 51' 43" 46.5"$	$\Delta = 3' 58" 58.7" (RT)$
$D = 2' 51" 53.2"$	$Ls = 400.00'$	$D = 0' 28" 38.9"$
$L = 1077.80'$	$LT = 266.81'$	$L = 834.19'$
$T = 552.33'$	$ST = 133.46'$	$T = 417.26'$
$R = 2,000.00'$	$RO = 114.28'$	$R = 12,000.00'$
$SE = 0'$	$SE = 0'$	$SE = 0'$
$DS = 60 \text{ mph}$	$DS = 60 \text{ mph}$	$DS = 60 \text{ mph}$

REVISIONS
 REVISED OWNER FOR PARCELS 14, 15, 16, & 17 - REVISED PARCEL 22 TO 20 - REVISED 6-24-09
 ADDED 80' ACCESS BREAK IN CA FOR PARCEL 16 REVISED 9-9-11
 1/25/16 R/W REV. ADDED PARCEL 23A AND CORRECTED ITS PROPERTY OWNER AND DEED REFERENCES. ON PARCELS 14 THROUGH 17, 20, 23 AND 25, UPDATED EXISTING R/W, C/A, AND PUE TO REFLECT AN ACQUISITION ON PARCELS 15, 16, 20 AND 23. ADJUSTED PUE ON PARCELS 16, 20, 21, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

★ PROP. TRAFFIC SIGNAL
 -L- PFL SEE SHEET 25
 -Y- PFL SEE SHEET 34
 -Y3- PFL SEE SHEET 35



-L-	
PI Sta 93+42.25	PIs Sta 99+51.38
Δ = 20' 57" 26.2" (LT)	Os = 1' 54" 35.5"
D = 1' 54" 35.5"	LS = 200.00'
L = 1087.52'	LT = 133.54'
T = 554.86'	ST = 66.67'
R = 3,000.00'	RO = 80.00'
SE = 05	
DS = 60 mph	

BRIDGE APPROACH SLAB

-L- PFL SEE SHEET 27 & 28 FOR STRUCTURES SEE SHEET S-1THRU S-?

REVISIONS

10/07/14 - R/W REVISIONS COMBINING PARCELS T1 AND T3 INTO PARCEL T1 - T1W
 R/W REVISIONS/UPDATED EXISTING R/W AND C/A TO REFLECT AN ACQUISITION ON PARCEL T1Z - TEM - 05/26/17

26-MAY-2017 12:15
 SUNGLASS DESIGN GROUP, P.A.

8/17/19

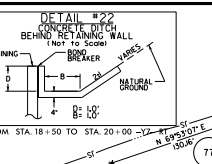
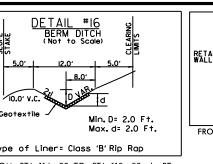
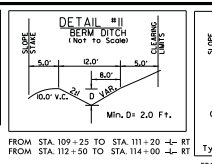
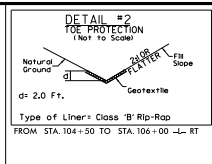
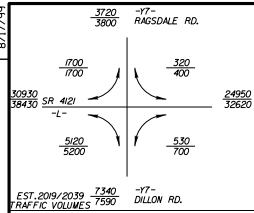
NAD 83.95

MATCHLINE SEE SHEET 11
 U. STA 102+00

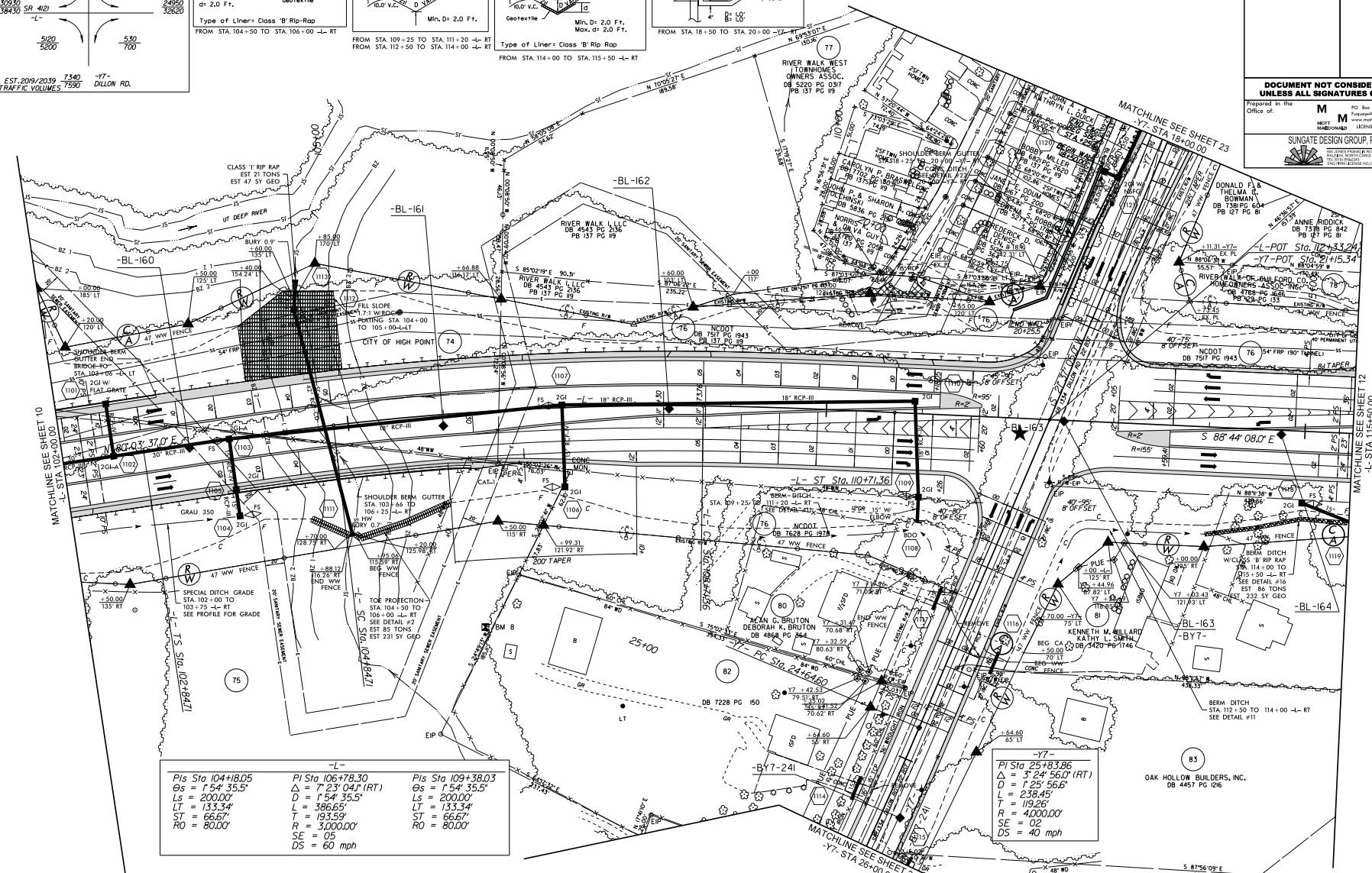
MATCHLINE SEE SHEET 9
 L. STA 88+00

NANCY T. GUITON
 DB 3324 PG 162

PROJECT REFERENCE NO. U-2412A	SHEET NO. 11
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
Prepared by the Office of: M M MOTT MACDONALD	PO Box 700 Sunnyvale, NC 27576 www.mottmacdonald.com LICENSE NO. K-6667
SUNGATE DESIGN GROUP, P.A. 101 S. HARRIS STREET SUITE 100 SUNGATE, NC 27576 www.sungatedesign.com	



REVISIONS
 REVISED PARCEL 77 & 78 TO 76 - REVISED 6-24-09
 REVISION FROM ON PARCEL 76 - REVISED 12-22-09
 R/W REVISIONS (DIMENSIONS AND/OR DEED REFERENCES ON PARCELS 76-82 AND 84-CORRECTED STA. 0+00 TO 1+00)
 III-87-75 AND 18-18-111 ON PARCEL 77 - TEN - 05-28-07



-L- PI Sta 104+18.05 Δs = 1°54'35.5" Ls = 200.00' LT = 133.34' ST = 66.67' RO = 80.00'	-L- PI Sta 106+78.30 Δ = 7°23'04.1" (RT) D = 1°54'35.5" L = 386.65' T = 193.55' R = 3,000.00' SE = 05 DS = 60 mph	-L- PI Sta 109+38.03 Δs = 1°54'35.5" Ls = 200.00' LT = 133.34' ST = 66.67' RO = 80.00'
--	---	--

-Y7- PI Sta 25+83.86 Δ = 3°24'56.0" (RT) D = 1°25'56.6" L = 238.45' T = 119.26' R = 4,000.00' SE = 02 DS = 40 mph

NAD 83 95

★ PROP. TRAFFIC SIGNAL
 -Y7- PFL SEE SHEET 37 & 38
 -L- PFL SEE SHEET 28
 RETAINING WALL SEE SHEET 2-F

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared in the Office of: **M M**

SUNGATE DESIGN GROUP, P.A.
 201 Sun. 700
 Raleigh, N.C. 27626
 www.sungategroup.com
 LICENSE NO. 4-6667

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 DB 6424 PG 2490

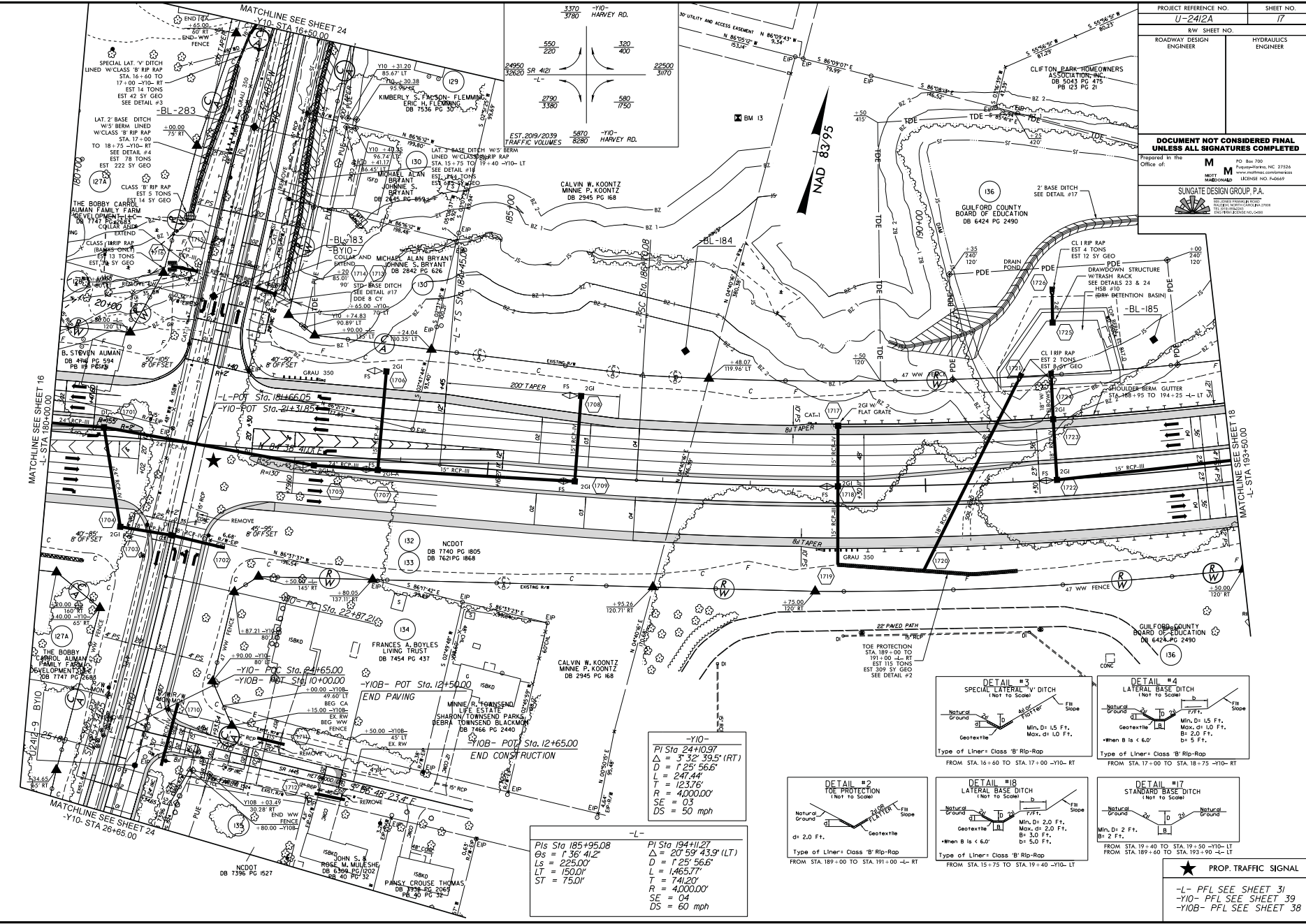
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 DB 6424 PG 2490

GUILFORD COUNTY BOARD OF EDUCATION
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GUILFORD COUNTY BOARD OF EDUCATION
 DB 6424 PG 2490

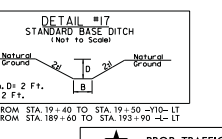
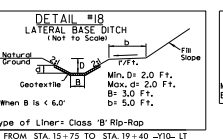
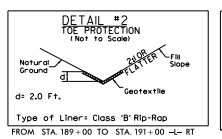
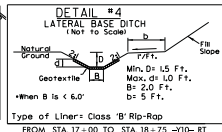
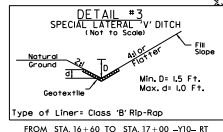
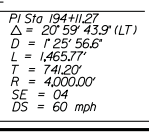
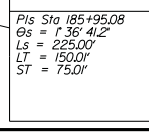
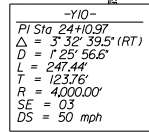
GUILFORD COUNTY BOARD OF EDUCATION
 DB 6424 PG 2490

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 DB 6424 PG 2490



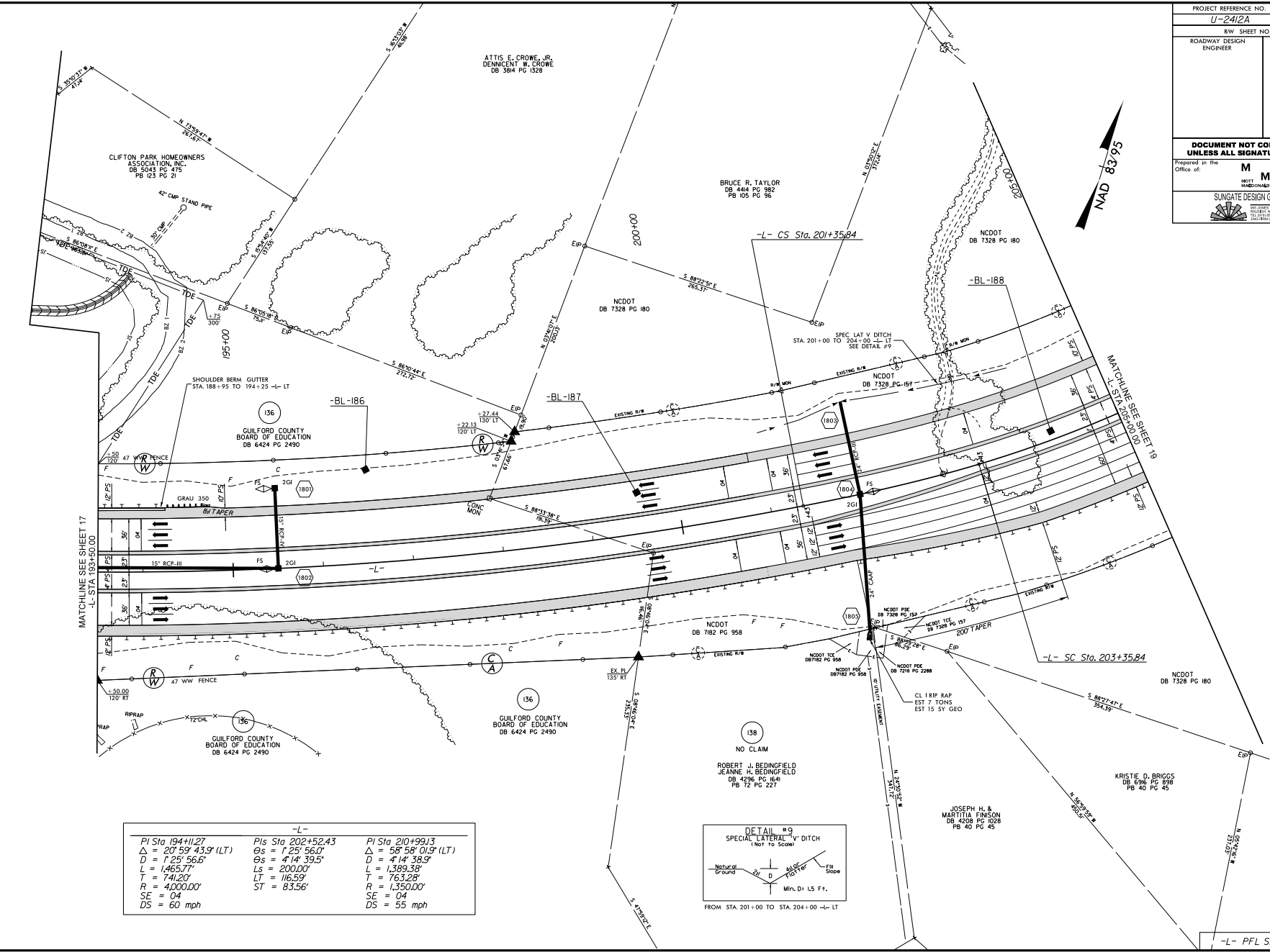
REVISIONS
 REVISION 1 - REVISED 6-24-09
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 REVISION 3 - REVISED 5-9-12
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 REVISION 5 - REVISED 5-9-12
 REVISION 6 - REVISED 5-9-12
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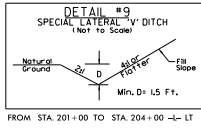


★ PROP. TRAFFIC SIGNAL
 -L- PFL SEE SHEET 31
 -Y10- PFL SEE SHEET 39
 -Y10B- PFL SEE SHEET 38

PROJECT REFERENCE NO. U-2412A	SHEET NO. 18
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
Prepared by the Office of: M M MCDONALD	PG. 800.700 Charlotte, NC 27226 www.mcdonald-engineers.com LICENSE NO. K-6667
SUNGATE DESIGN GROUP, P.A. 2000 S. UNIVERSITY AVENUE SUITE 100 CHARLOTTE, NC 27206 704.375.1234 www.sungategroup.com	



-L-		
PI Sta 194+11.27	PIs Sta 202+52.43	PI Sta 210+99.13
$\Delta = 20^\circ 59' 43.9''$ (LT)	$\Theta_s = 1^\circ 25' 56.0''$	$\Delta = 58^\circ 58' 01.9''$ (LT)
$D = 1^\circ 25' 56.6''$	$\Theta_s = 4^\circ 14' 39.5''$	$D = 4^\circ 14' 38.9''$
$L = 1,465.77'$	$L_s = 200.00'$	$L = 1,389.38'$
$L = 741.20'$	$LT = 116.53'$	$T = 763.28'$
$R = 4,000.00'$	$ST = 83.56'$	$R = 1,350.00'$
$SE = 04$		$SE = 04$
$DS = 60$ mph		$DS = 55$ mph



REVISIONS
 REVISED OWNER FOR PARCEL 136 & 137 - REVISED 6-24-09
 R/W REVISION-REMOVED A PROPERTY LINE ON PARCEL 136, ADJUSTED, PRODUCED R/W AT STA. 094.22+44.93, LT AND TIDE ON PARCEL 136, UPDATED EXISTING R/W AND C/A TO REFLECT AN ACQUISITION ON PARCEL 136, ADDED NO CLAIM ON PARCEL 138. - REV - 03/26/11

26-MAY-2011 12:16
 C:\Users\psh18\Documents\U-2412a-rdw-psh18.dwg

8/17/09

MATCHLINE SEE SHEET 17
-L- STA 193+50.00

MATCHLINE SEE SHEET 19
-L- STA 200+00.00

-L- PFL SEE SHEET 31

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Prepared by the Office of: **M M**
 MOTT MACDONALD

SUNGATE DESIGN GROUP, P.A.
 GARY L. & JOANN N. ROBINSON
 DB 3427 PG 356
 PB 16 PG 93

J.W. MORGAN
 PB 101 PG 105

ROBERT J. & SALLEE W. BROWN
 DB 3166 PG 646

GILBERT W. JACOBS
 DB 4402 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4403 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4404 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4405 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4406 PG 305
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GILBERT W. JACOBS
 DB 4407 PG 305
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 DB 4408 PG 305
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 DB 4409 PG 305
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GILBERT W. JACOBS
 DB 4410 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4411 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4412 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4413 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4414 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4415 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4416 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4417 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4418 PG 305
 PB 5 PG 305

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 DB 4419 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4420 PG 305
 PB 5 PG 305

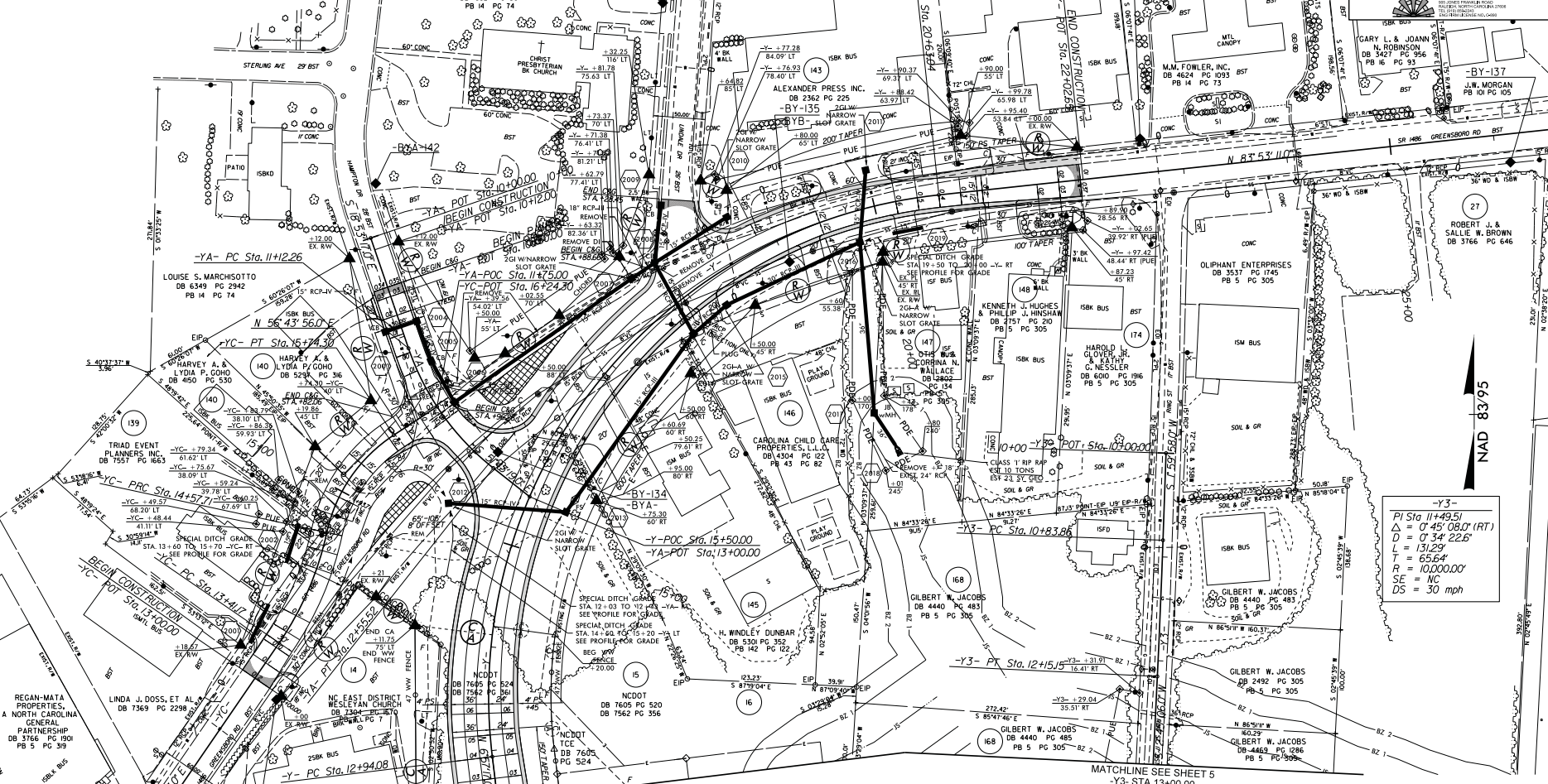
GILBERT W. JACOBS
 DB 4421 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4422 PG 305
 PB 5 PG 305

GILBERT W. JACOBS
 DB 4423 PG 305
 PB 5 PG 305

-Y-	-YA-
PI Sta 17+86.26	PI Sta 11+85.92
$\Delta = 30^{\circ}50'28.0"$ (RT)	$\Delta = 32^{\circ}50'02.0"$ (LT)
D = 11'48" 48.8"	D = 22'55" 05.9"
L = 768.96'	L = 143.26'
T = 492.17'	T = 73.66'
R = 485.00'	R = 250.00'
SE = OS	SE = SEE PLAN VIEW
DS = 40 mph	DS = 30 mph

-YC-	-YB-
PI Sta 14+00.9	PI Sta 15+19.13
$\Delta = 22^{\circ}15'26.6"$ (LT)	$\Delta = 44^{\circ}32'05.6"$ (RT)
D = 19'05" 54.9"	D = 38" 11" 49.9"
L = 116.54'	L = 116.59'
T = 59.01'	T = 61.42'
R = 300.00'	R = 150.00'
SE = SEE PLAN VIEW	SE = SEE PLAN VIEW
DS = 25 mph	DS = 25 mph



-Y3-
PI Sta 11+49.51
$\Delta = 0^{\circ}45'08.0"$ (RT)
D = 0'34" 22.6"
L = 131.29'
T = 65.64'
R = 10,000.00'
SE = NC
DS = 30 mph

PAVEMENT REMOVAL
 -Y- PFL SEE SHEET 34
 -YA- PFL SEE SHEET 34
 -YC- PFL SEE SHEET 34
 -Y3- PFL SEE SHEET 35

REVISIONS
 REVISED OWNER FOR PARCEL 145 & 16 REVISED PARCEL 142 TO 140 - REVISED 6-24-09
 REVISED SHEET NUMBER FROM 19 TO 20 - REVISED 10-20-2016
 R/W REVISIONS: CREATED PARCEL 14; UPDATED EXISTING PARCEL 14; AND PERMANENT EASEMENT TO REFLECT AN ACQUISITION ON PARCELS 15 AND 16; UPDATED PROPERTY OWNER NAMES AND ORIGINATED REFERENCES ON PARCELS 14 THROUGH 16; 19, 23, 43, 44 AND 147; ADJUSTED PUE ON PARCELS 14, 15 AND 16; ADJUSTED PUE ON PARCELS 19 THROUGH 144 AND 147; ADJUSTED PUE ON PARCELS 143 AND 144 - MDP - 7-12-2017
 REVISED PUE FROM -Y- STA 10+76.53 TO 20+95.40 LT ON PARCELS 143 AND 144 - MDP - 7-12-2017
 R/W REVISIONS: REVISED THE DRIVEWAY ENTRANCE ON PARCEL 143. - MDP - 08-10-17

MATCHLINE SEE SHEET 5
 -Y- STA 12+50.00

MATCHLINE SEE SHEET 5
 -Y3- STA 13+00.00

NAD 83/95

PROJECT REFERENCE NO. U-2412A	SHEET NO. 21
R/W SHEET NO. 20	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
Prepared by the Office of: M M MCDONALD	Professional Engineer License No. F-6667
SUNGATE DESIGN GROUP, P.A.	

REVISIONS

REVISED OWNER FOR PARCEL 151 & 152-ADDED PARCEL 151A & 152A - REVISED 6-24-09

REVISED SHEET NUMBER FROM 20 TO 21 - REVISED 10-20-2009

R/W REVISIONS TO BE REFERRED TO PARCELS 151, 151A, 152, 152A, 153 AND 176 - TEM - 05/26/17

ON PARCEL 151 & 152-ADDED PARCEL 151A AND 152A THURSDAY, 152A AND 176-ADJUSTED PROPERTY OWNER, JAMES AND PUS

ON PARCELS 151 AND 152-ADDED PARCEL 151A AND 152A THURSDAY, 152A AND 176-ADJUSTED PROPERTY OWNER, JAMES AND PUS

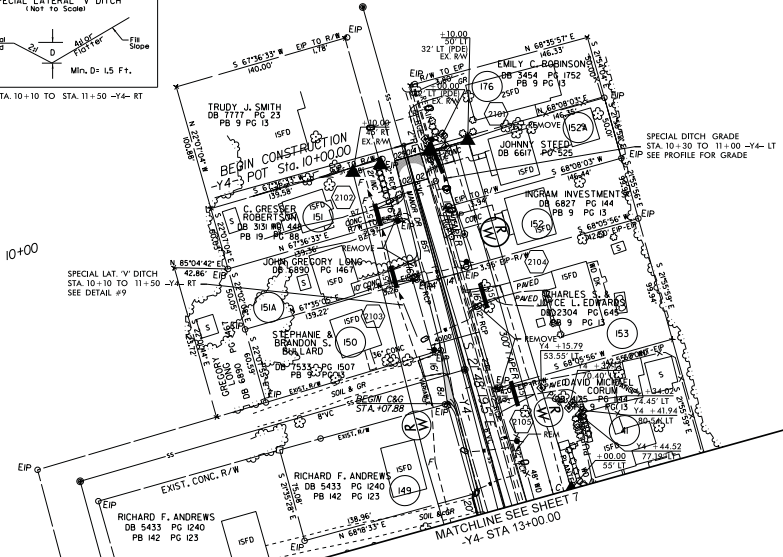
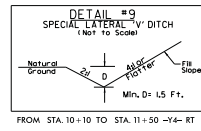
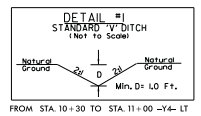
ON PARCELS 151 AND 152-ADDED PARCEL 151A AND 152A THURSDAY, 152A AND 176-ADJUSTED PROPERTY OWNER, JAMES AND PUS

ON PARCEL 151-REMOVED PUE ON PARCELS 152, 152A, 153 AND 176 - TEM - 05/26/17

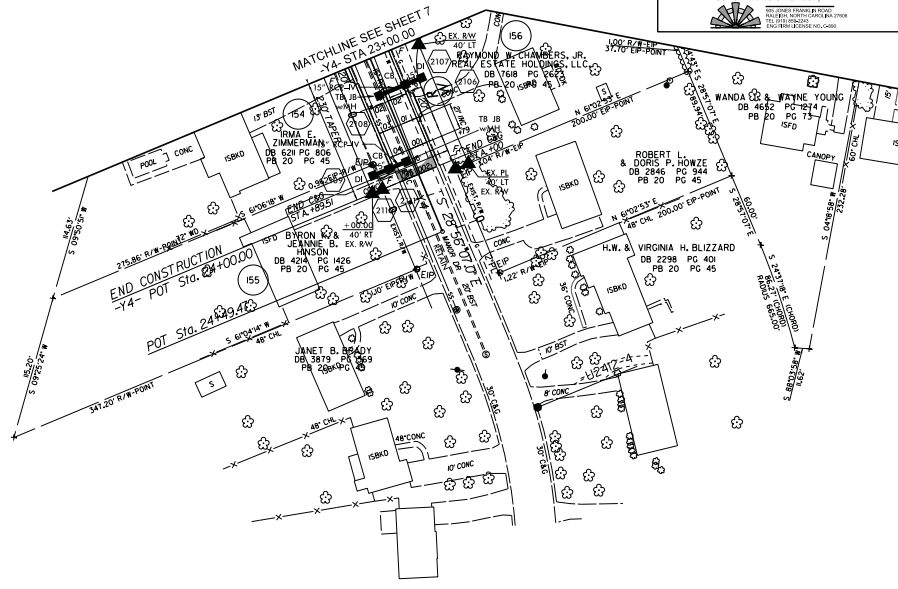
26-MAY-2017 07:51

151-2412A.dwg

2412A.dwg



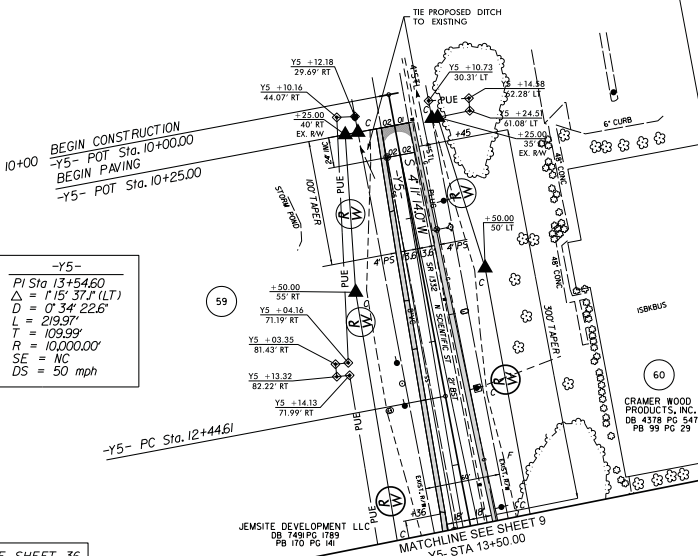
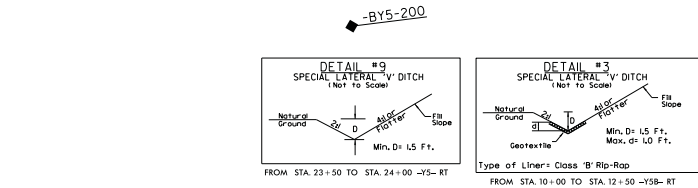
-Y4- PFL SEE SHEET 35



-Y4- PFL SEE SHEET 35

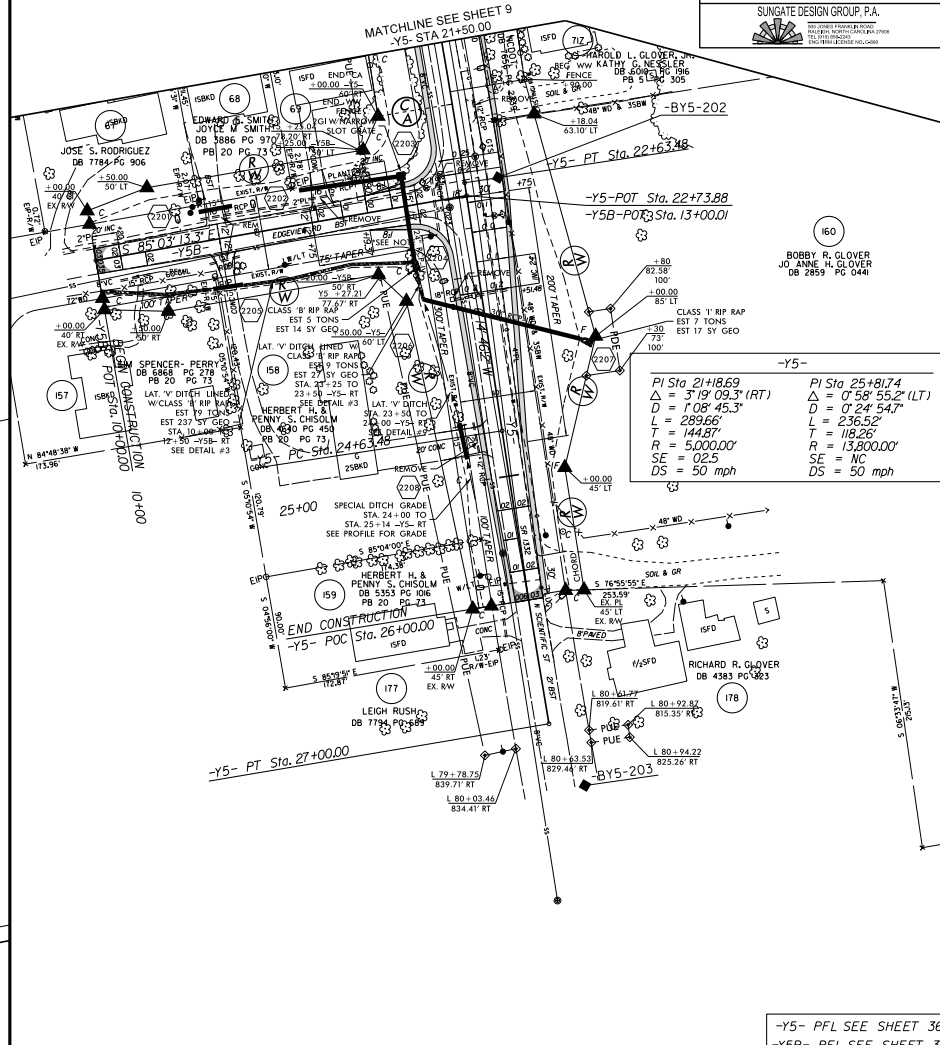
PROJECT REFERENCE NO.	SHEET NO.
U-2412A	22
R/W SHEET NO.	21
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
Prepared in the Office of:	PO Box 700 Raleigh, NC 27626 MOTT MACDONALD LICENSE NO. 4-6667 SUNGATE DESIGN GROUP, P.A. SUNGATE DESIGN GROUP, P.A. 10001 HARRISON STREET SUITE 1000 WARRINGTON, VA 22090 TEL: 703.433.8800 FAX: 703.433.8801

REVISIONS
 REVISED OWNER FOR PARCEL 59 - REVISED 6-24-09
 REVISED SHEET NUMBER FROM 20 TO 22 - REVISED 10-20-2016
 P/W REVISIONS TO PARCELS 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.



-Y5-
 PI Sta. 13+54.60
 $\Delta = 71.5774$ (LT)
 $D = 0' 34' 22.6''$
 $L = 219.97'$
 $T = 109.99'$
 $R = 10,000.00'$
 $SE = NC$
 $DS = 50$ mph

-Y5- PFL SEE SHEET 36



-Y5-
 PI Sta. 21+18.69
 $\Delta = 3' 19' 09.3''$ (RT)
 $D = 1' 08' 45.3''$
 $L = 289.66'$
 $T = 144.87'$
 $R = 5,000.00'$
 $SE = 02.5$
 $DS = 50$ mph

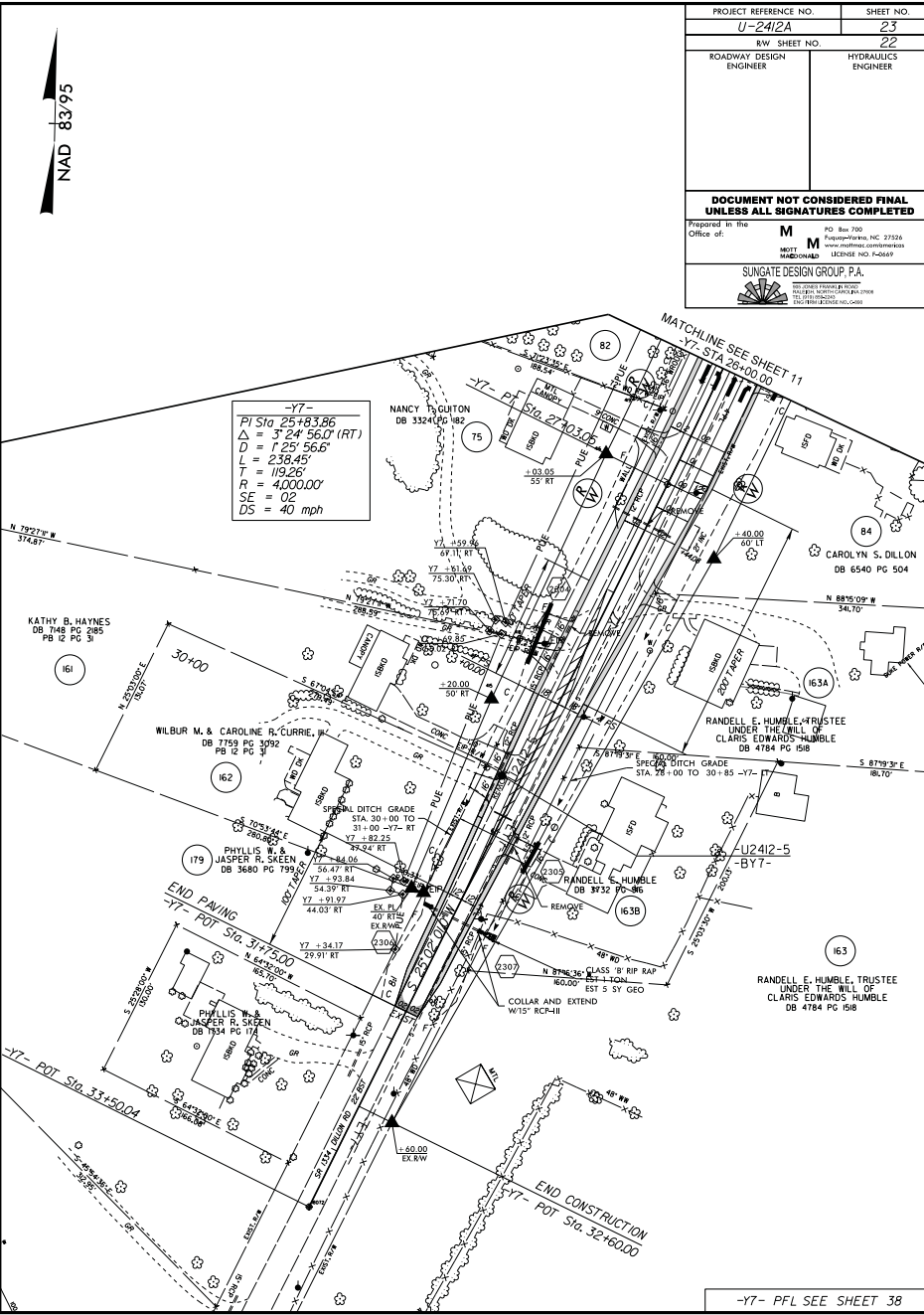
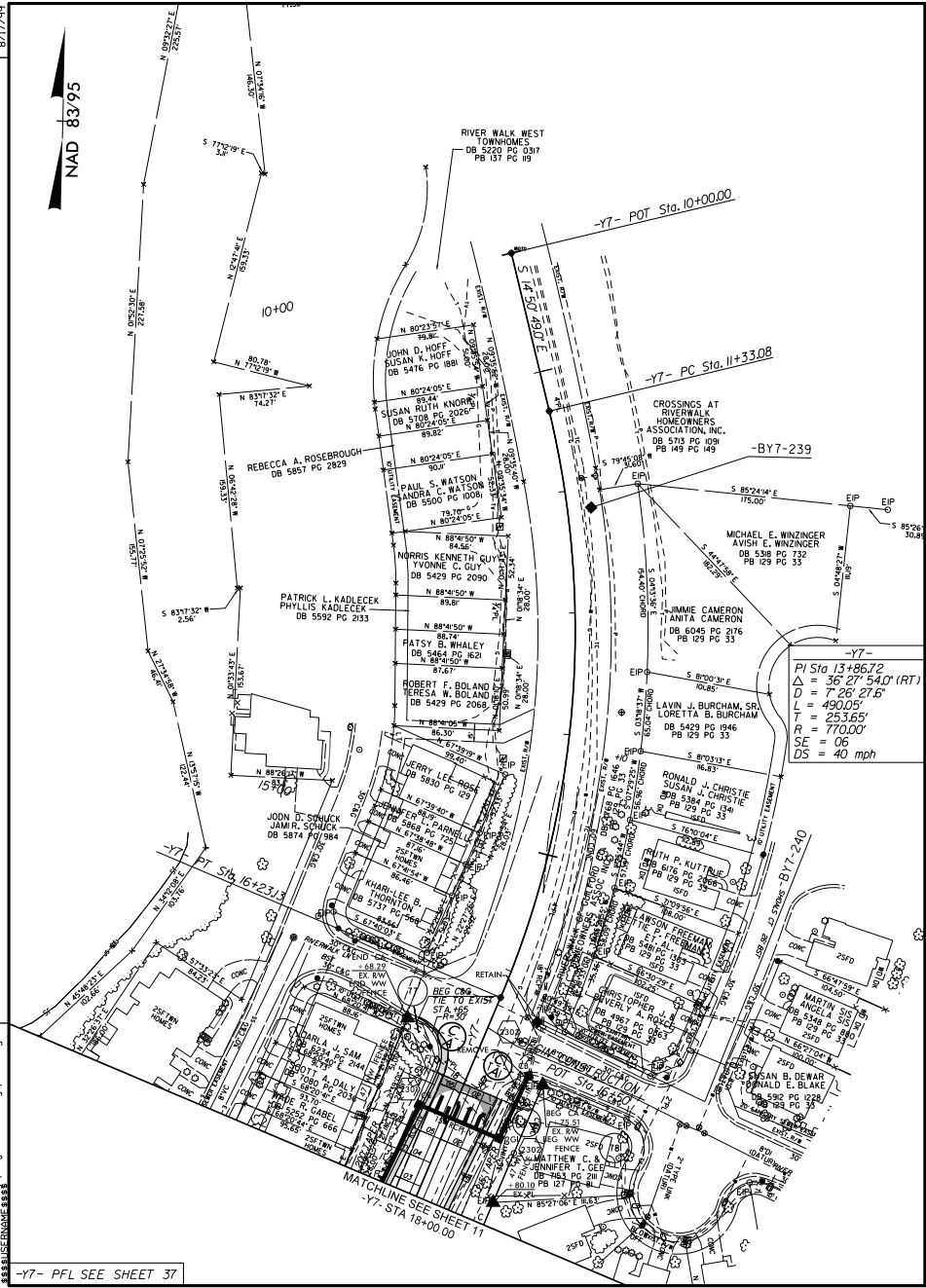
PI Sta. 25+19.74
 $\Delta = 0' 58' 55.2''$ (LT)
 $D = 0' 24' 54.7''$
 $L = 236.52'$
 $T = 118.26'$
 $R = 3,000.00'$
 $SE = NC$
 $DS = 50$ mph

-Y5- PFL SEE SHEET 36
-Y5B- PFL SEE SHEET 37

PROJECT REFERENCE NO.	SHEET NO.								
U-2412A	23								
R/W SHEET NO.	22								
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER								
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED									
Prepared in the Office of:	<table border="1"> <tr> <td>M</td> <td>PC No. 700</td> </tr> <tr> <td>M</td> <td>Surveyor-General, NC 27226</td> </tr> <tr> <td>M</td> <td>Professional Engineer</td> </tr> <tr> <td>M</td> <td>License No. 4-6667</td> </tr> </table>	M	PC No. 700	M	Surveyor-General, NC 27226	M	Professional Engineer	M	License No. 4-6667
M	PC No. 700								
M	Surveyor-General, NC 27226								
M	Professional Engineer								
M	License No. 4-6667								
SUNGATE DESIGN GROUP, P.A. <small>101 W. HARRIS STREET SUITE 1000 RALEIGH, NC 27601 TEL: 919.876.2200 FAX: 919.876.2205</small>									

REVISIONS

REVISED SHEET NUMBER FROM 22 TO 23 - REVISED 10+00-200+ FROM RW RELAY STATION BEHIND RAILROAD GET THROUGH 1634 ADDED PAVE ON PARCELS 78,84 AND 161 THROUGH 1634 ADDED PAVE ON PARCELS 84,83 AND 83,82/17



-Y7-
 PI Sta 25+83.86
 $\Delta = 3^{\circ}24'56.0''$ (RT)
 $D = 725'56.6'$
 $L = 238.45'$
 $T = 119.26'$
 $R = 4000.00'$
 $SE = 02'$
 $DS = 40$ mph

-Y7-
 PI Sta 13+86.72
 $\Delta = 36^{\circ}27'54.0''$ (RT)
 $D = 725'56.6'$
 $L = 490.05'$
 $T = 253.65'$
 $R = 770.00'$
 $SE = 06'$
 $DS = 40$ mph

-Y7- PFL SEE SHEET 37

-Y7- PFL SEE SHEET 38

26-MAY-2007 12:46
 1634122a-rdw-phd-23.dgn

