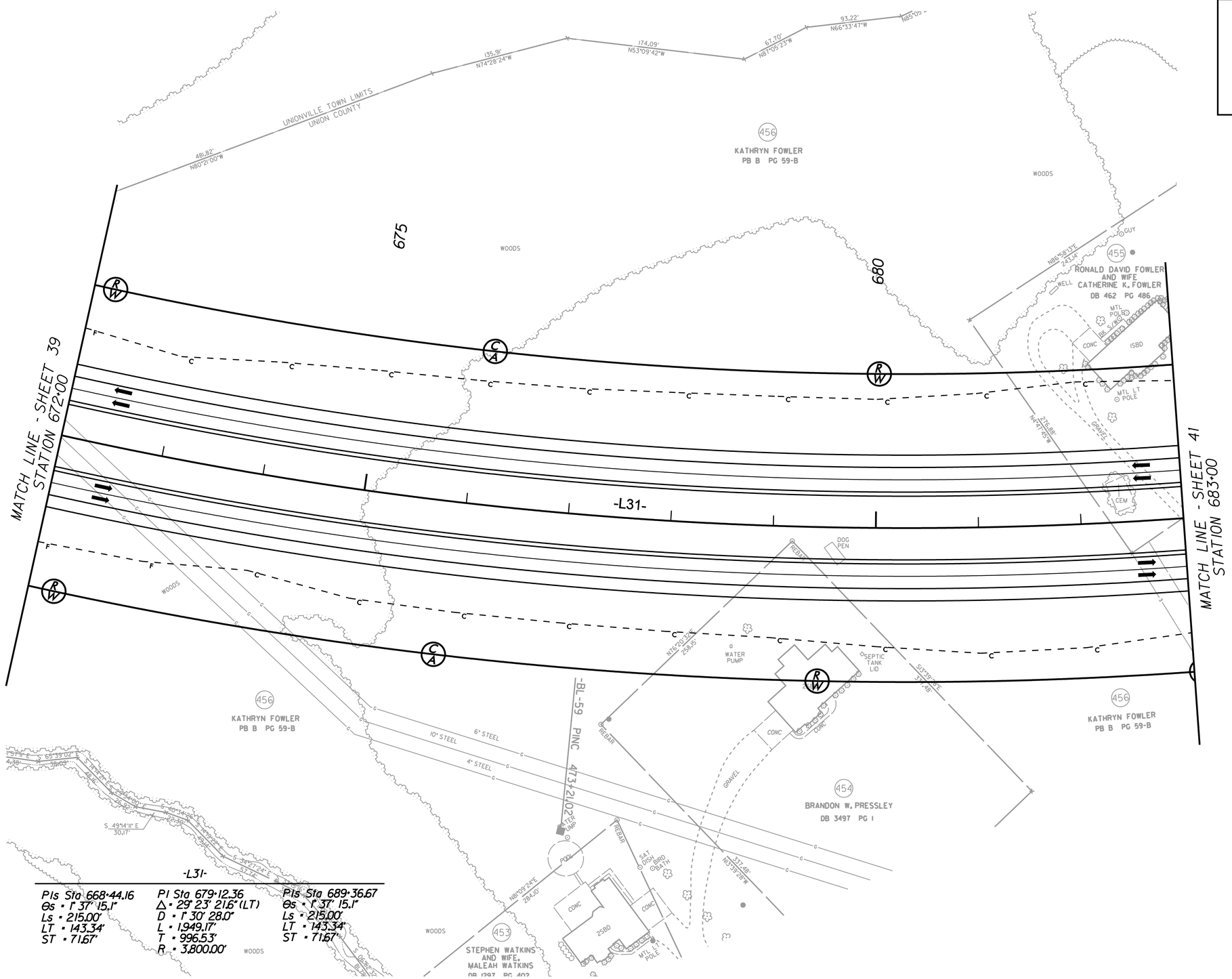
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	40
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



-L31-

PIs Sta 668+44.16	PI Sta 679+12.36	PIs Sta 689+36.67
Θs = 1° 37' 15.1"	Δ = 29° 23' 21.6" (LT)	Θs = 1° 37' 15.1"
Ls = 215.00'	D = 1° 30' 28.0"	Ls = 215.00'
LT = 143.34'	L = 1,949.17'	LT = 143.34'
ST = 71.67'	T = 996.53'	ST = 71.67'
	R = 3,800.00'	

REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_40.dgn
mcarey

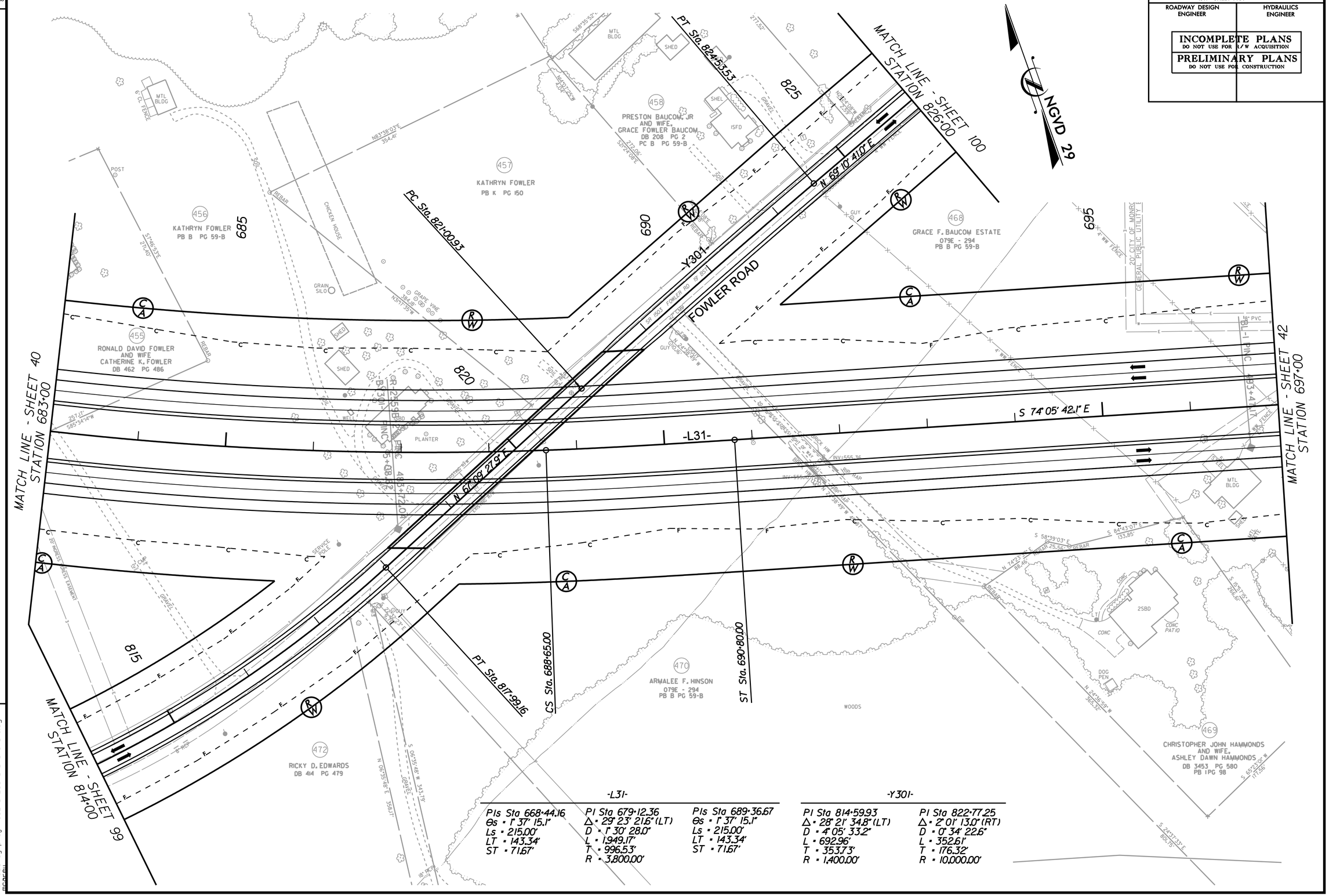
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	41
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

8/17/99

REVISIONS



6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_41.dgn

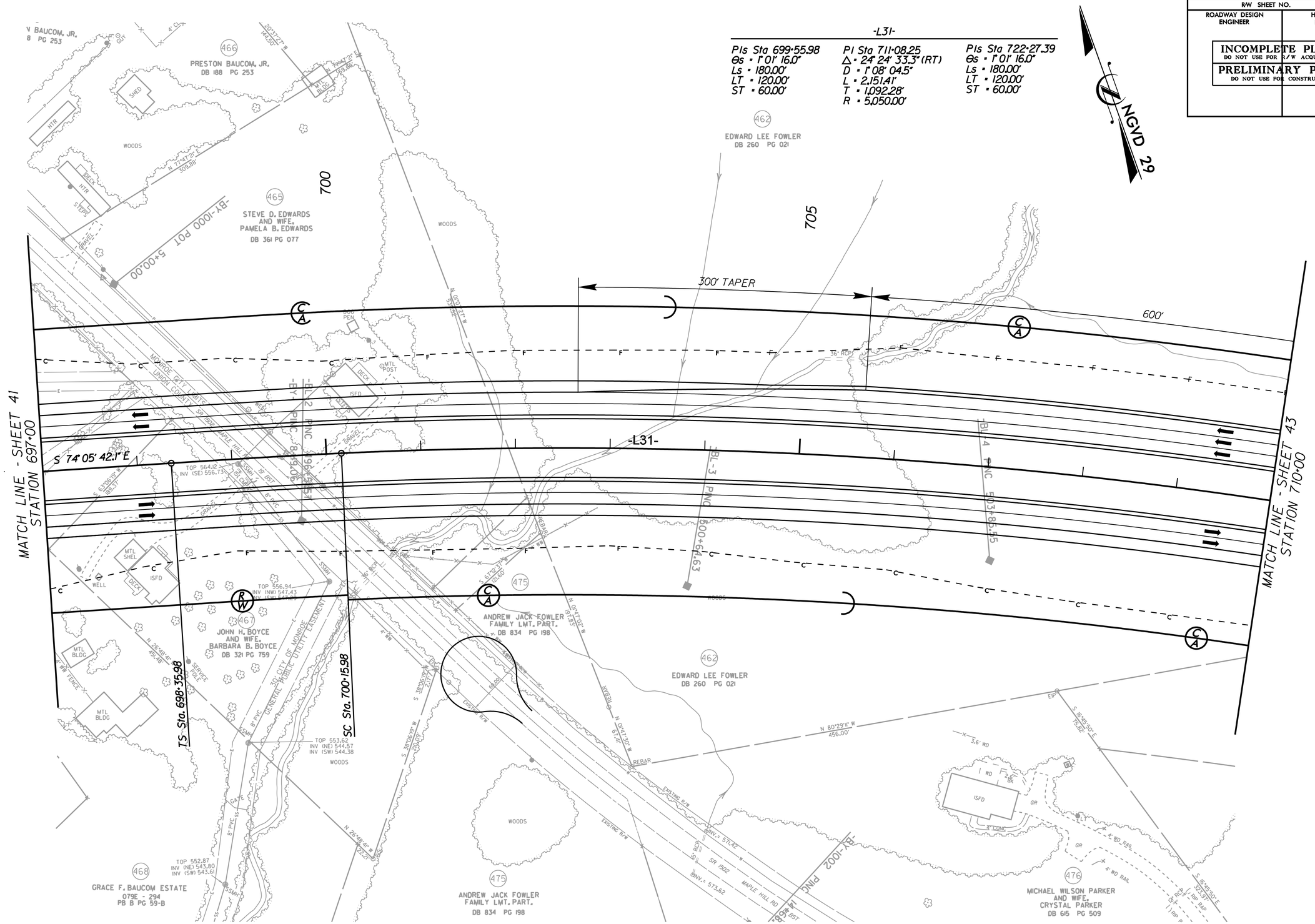
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	42
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



6/1/2000
r:\roadway\proj\R3329_R2559_RDY_PSH_42.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	43
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

NGVD 29

-L31-

PIs Sta 699+55.98
Θs = 1° 01' 16.0"
Ls = 180.00'
LT = 120.00'
ST = 60.00'

PI Sta 711+08.25
Δ = 24° 24' 33.3" (RT)
D = 1° 08' 04.5"
L = 2,151.41'
T = 1,092.28'
R = 5,050.00'

PIs Sta 722+27.39
Θs = 1° 01' 16.0"
Ls = 180.00'
LT = 120.00'
ST = 60.00'

-RRC-

PI Sta 11+86.46
Δ = 4° 16' 44.3" (RT)
D = 1° 08' 52.7"
L = 372.74'
T = 186.46'
R = 4,991.00'

-RRC-

PIs Sta 14+26.07
Θs = 1° 16' 23.7"
Ls = 80.00'
LT = 53.33'
ST = 26.67'

PI Sta 19+15.91
Δ = 28° 51' 37.2" (RT)
D = 3° 10' 59.2"
L = 906.67'
T = 463.17'
R = 1,800.00'

PIs Sta 24+22.76
Θs = 3° 01' 26.2"
Ls = 190.00'
LT = 126.69'
ST = 63.35'

479
MOHAMAD H. KODAIMATI
AND
GHESOUN CHAWA
DB 4912 PG 219

480
601 CENTER, LLC
DB 3268 PG 354

477
WINFRED V. FOWLER
DB 413 PG 827

478
NCDOT
DB 1546 PG 315

477
WINFRED V. FOWLER
DB 413 PG 827

DOUGLAS V. FOWLER
DB 911 PG 814

477
WINFRED V. FOWLER

WOODS

POT Sta. 10+00.00

PC Sta. 10+00.00

CS Sta. 13+72.74

SC Sta. 14+52.74

CS Sta. 721+67.39

600'

715

720

15

20

15

-RRB-

-L31-

-RRC-

S 60° 01' 37.5" E

S 65°22'11" E
175.81'

N 55°44'21" W
143.91'

N 37°56'46" W
435.44'

N 80°30'30" W
924.73'

S 58°20'25" E
R=7463.90'

N 16°39'16" W
203.36'

N 72°46'19" E
326.66'

N 82°33'46" E
624.53'

S 39°19'04" E
32.40'

-BL-5 PINC 807+00.08

-BL-6 PINC 811+96.52

-BL-7 PINC 817+96.89

MATCH LINE - SHEET 42
STATION 710+00

MATCH LINE - SHEET 44
STATION 22+00

MATCH LINE - SHEET 44
STATION 723+00

MATCH LINE - SHEET 44
STATION 19+00

REVISIONS

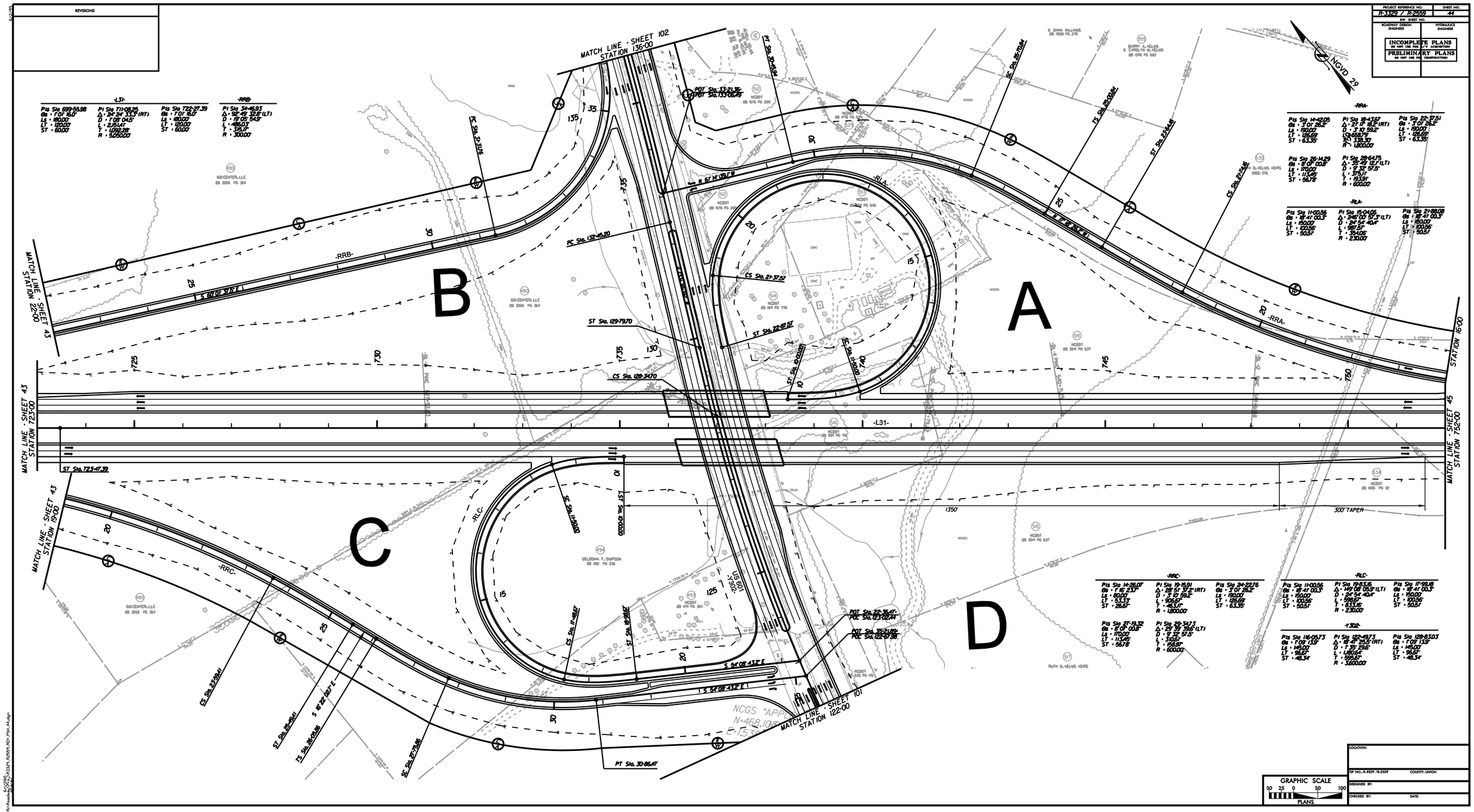
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_43.dgn

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-3559	44
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

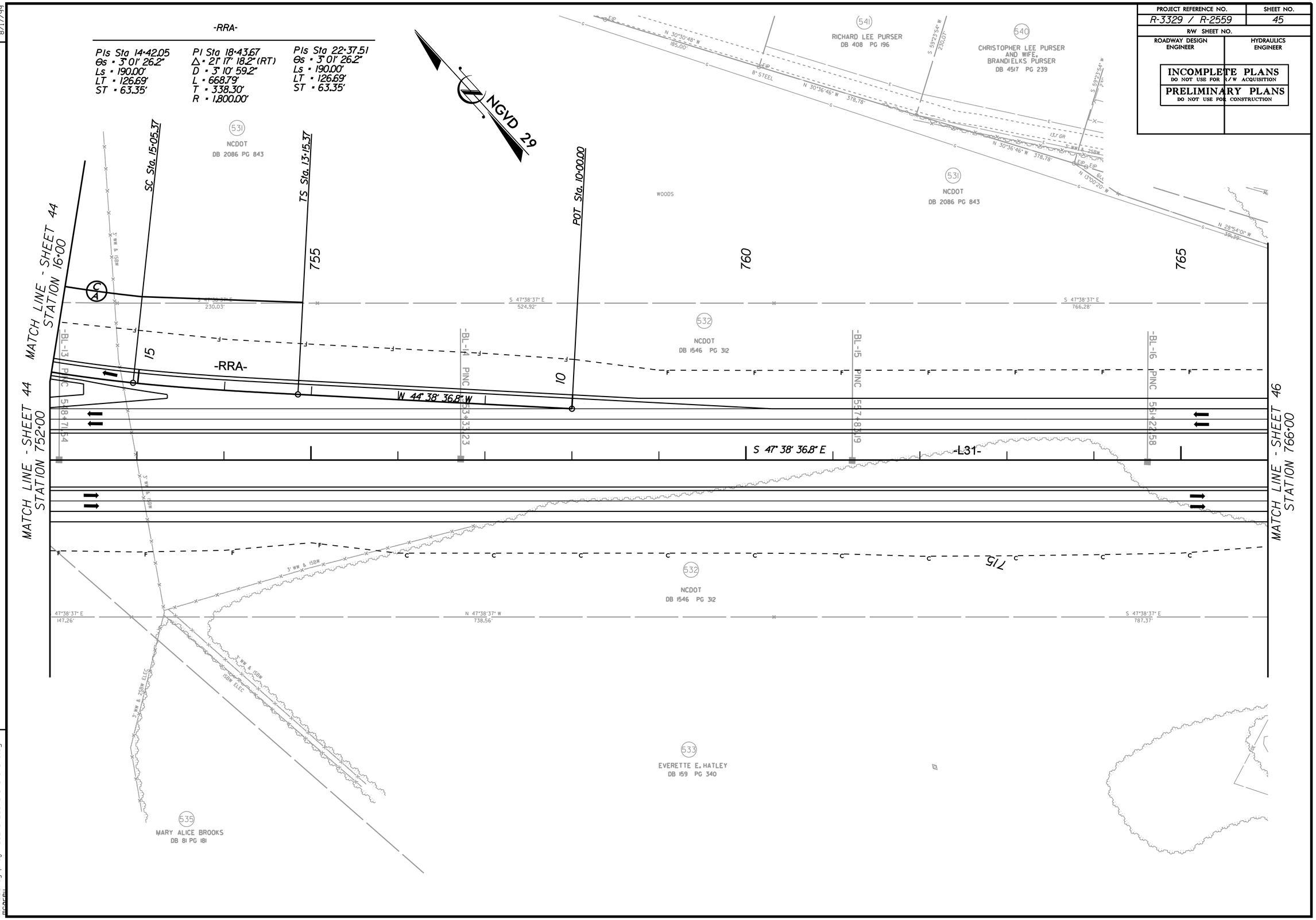
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	45
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

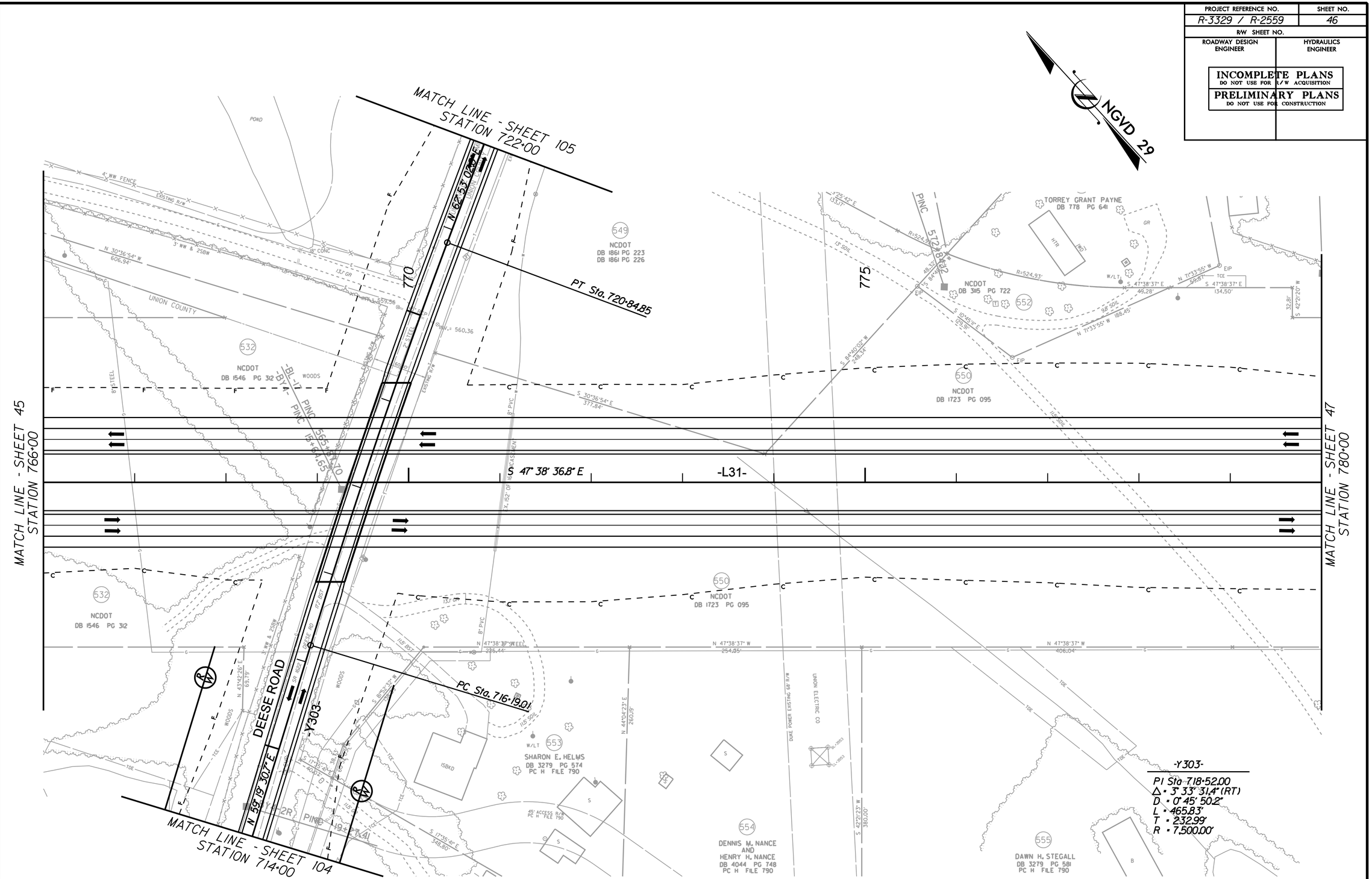
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_45.dgn
mrogers

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	46
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

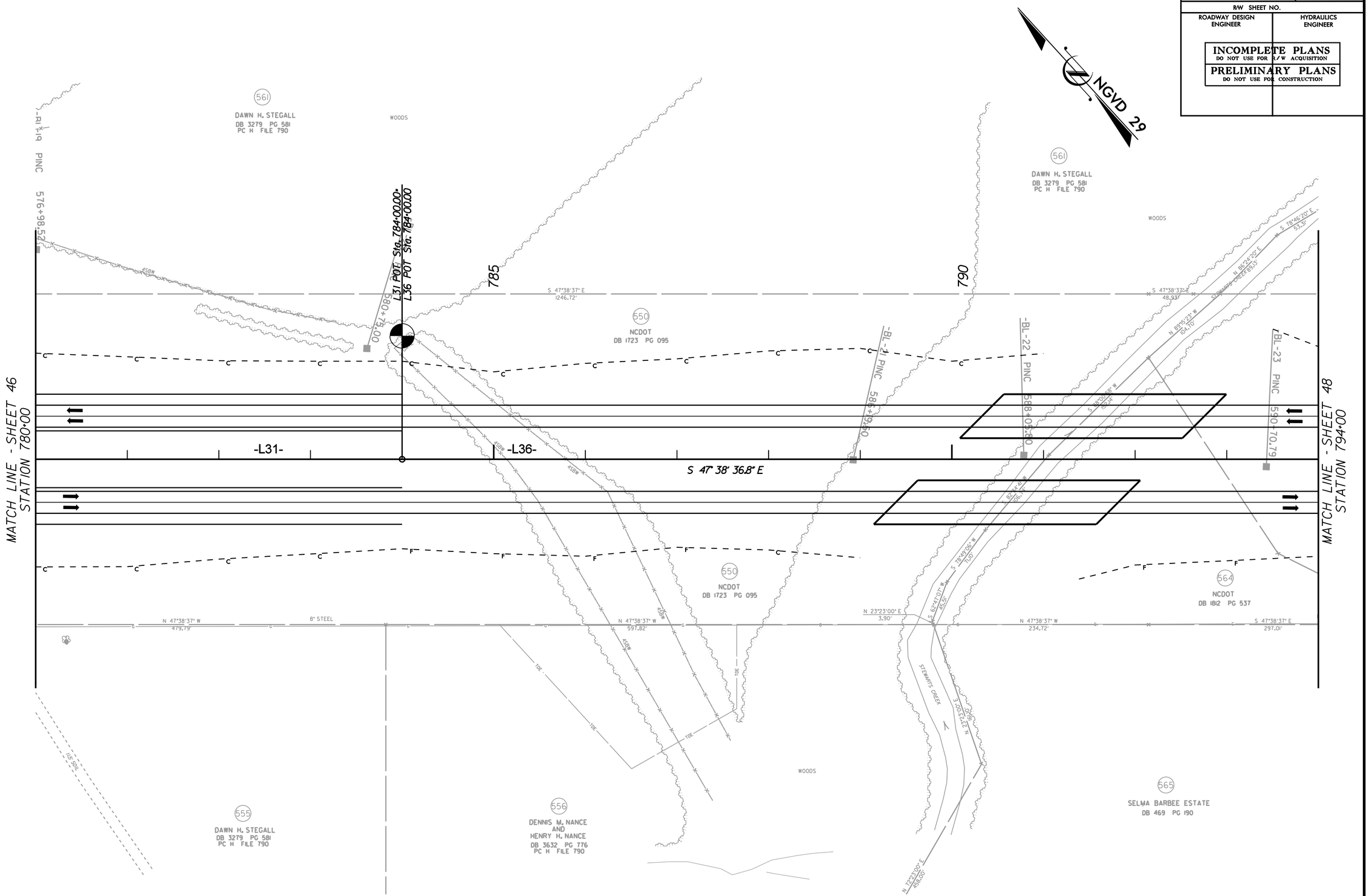
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_46.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	47
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

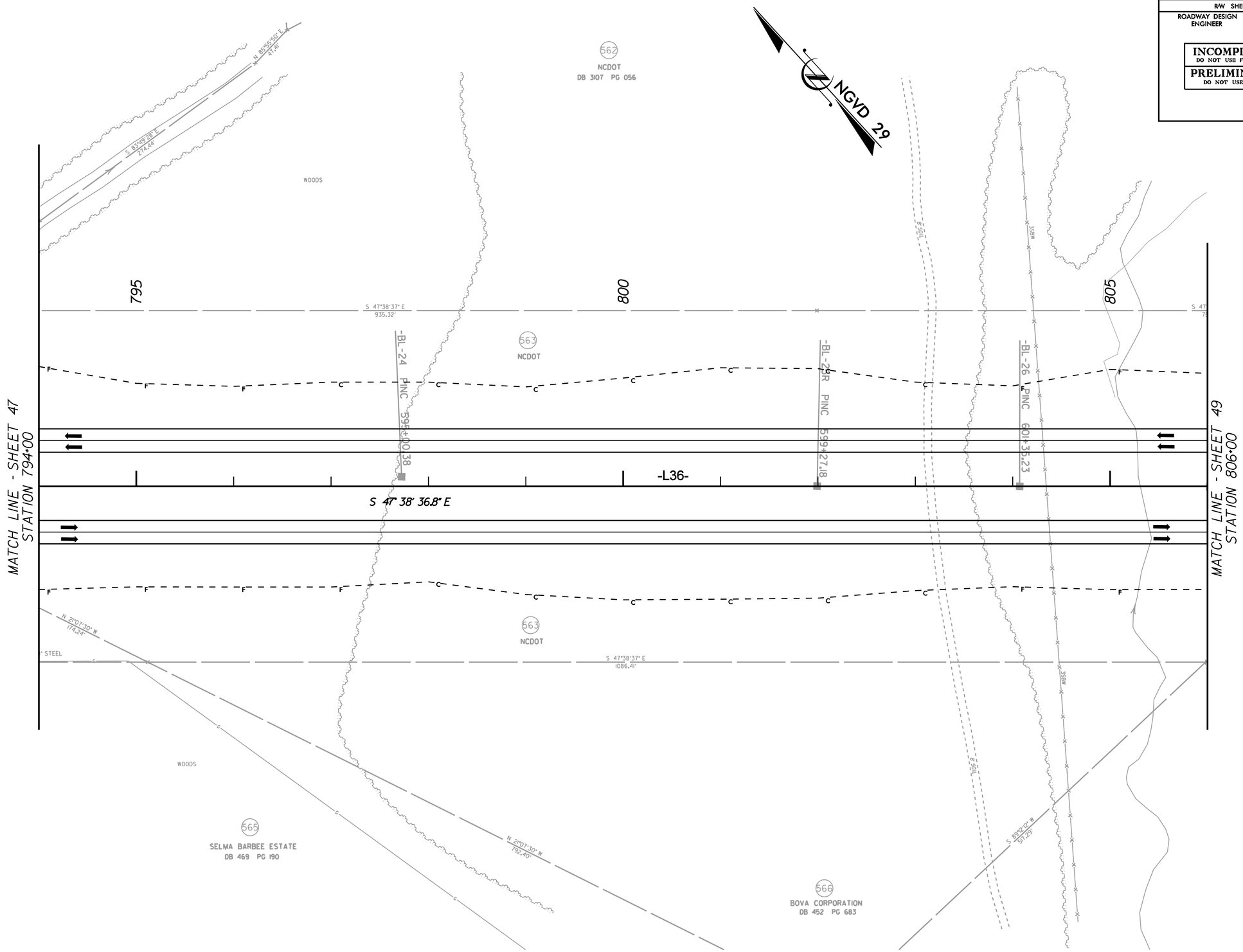
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_47.dgn
mcarr

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	48
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_48.dgn

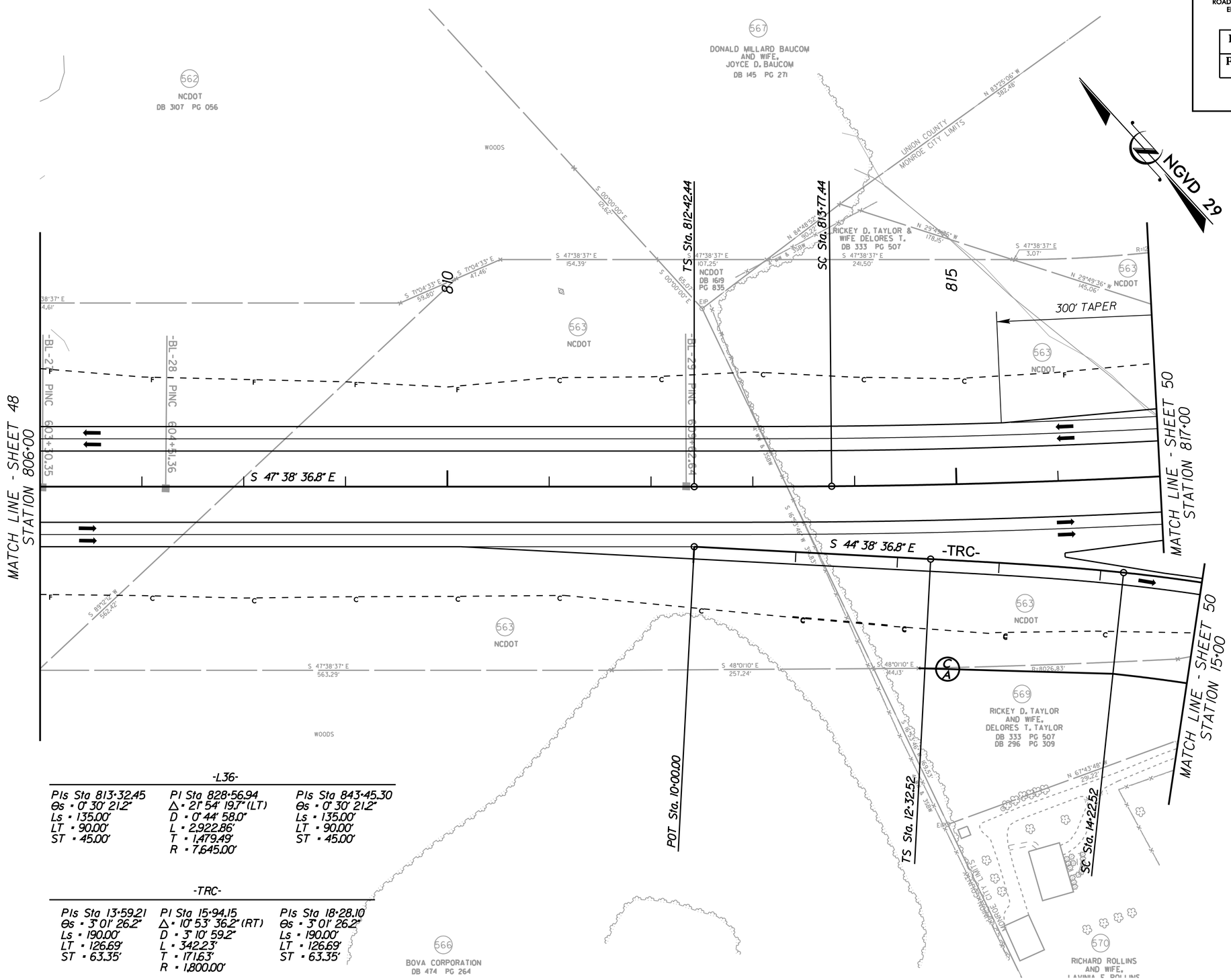
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	49
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



-L36-

PIs Sta 813+32.45	PI Sta 828+56.94	PIs Sta 843+45.30
Θs = 0° 30' 21.2"	Δ = 21° 54' 19.7" (LT)	Θs = 0° 30' 21.2"
Ls = 135.00'	D = 0° 44' 58.0"	Ls = 135.00'
LT = 90.00'	L = 2,922.86'	LT = 90.00'
ST = 45.00'	T = 1,479.49'	ST = 45.00'
	R = 7,645.00'	

-TRC-

PIs Sta 13+59.21	PI Sta 15+94.15	PIs Sta 18+28.10
Θs = 3° 01' 26.2"	Δ = 10° 53' 36.2" (RT)	Θs = 3° 01' 26.2"
Ls = 190.00'	D = 3° 10' 59.2"	Ls = 190.00'
LT = 126.69'	L = 342.23'	LT = 126.69'
ST = 63.35'	T = 171.63'	ST = 63.35'
	R = 1,800.00'	

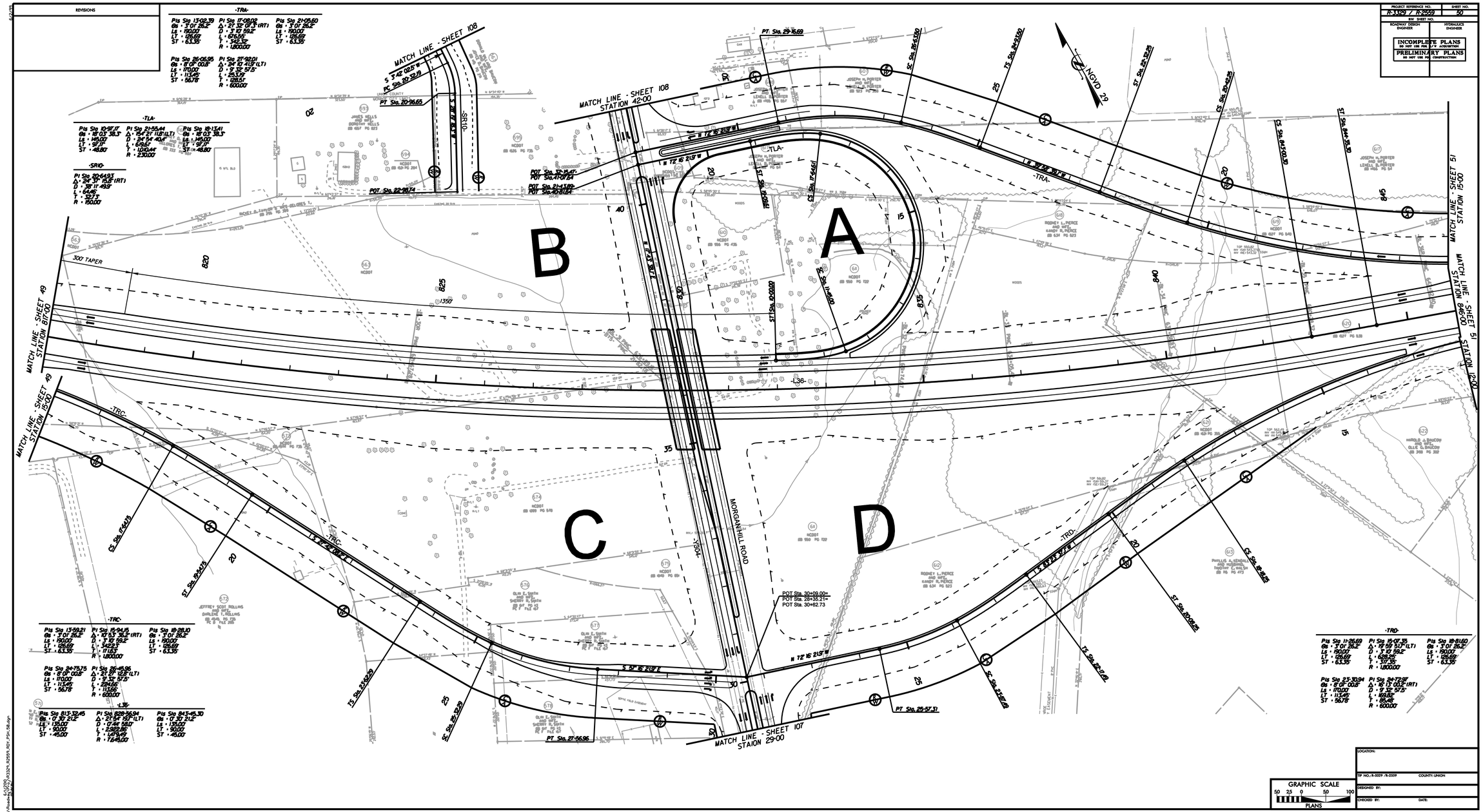
6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_49.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	50
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS



-TRA-

Pts Sta 13+02.39	PI Sta 17+08.02	Pts Sta 21+05.60
Gs = 3°01'26.2"	Δ = 21°32'01.3" (RT)	Gs = 3°01'26.2"
Ls = 190.00'	D = 3°17'59.2"	Ls = 190.00'
LT = 126.69'	L = 674.55'	LT = 126.69'
ST = 63.35'	T = 342.37'	ST = 63.35'
	R = 1,800.00'	
Pts Sta 26+06.95	PI Sta 27+92.01	
Gs = 8°00'00.0"	Δ = 24°10'41.3" (LT)	
Ls = 170.00'	D = 9°32'57.5"	
LT = 113.45'	L = 283.57'	
ST = 56.78'	T = 286.51'	
	R = 600.00'	

-TLA-

Pts Sta 10+97.17	PI Sta 21+55.44	Pts Sta 32+13.41
Gs = 18°03'38.3"	Δ = 154°21'11.8" (LT)	Gs = 18°03'38.3"
Ls = 145.00'	D = 34°54'40.4"	Ls = 145.00'
LT = 97.17'	L = 619.61'	LT = 97.17'
ST = 48.80'	T = 1,010.44'	ST = 48.80'
	R = 230.00'	

-SR10-

PI Sta 20+54.93'
Δ = 24°37'15.8" (RT)
D = 38°11'49.5"
L = 64.46'
T = 32.73'
R = 150.00'

-TRC-

Pts Sta 13+59.21	PI Sta 15+94.15	Pts Sta 18+28.10
Gs = 3°01'26.2"	Δ = 10°53'35.2" (RT)	Gs = 3°01'26.2"
Ls = 190.00'	D = 3°17'59.2"	Ls = 190.00'
LT = 126.69'	L = 542.21'	LT = 126.69'
ST = 63.35'	T = 271.67'	ST = 63.35'
	R = 1,800.00'	
Pts Sta 24+75.75	PI Sta 26+45.95	
Gs = 8°00'00.0"	Δ = 21°27'12.2" (LT)	
Ls = 170.00'	D = 9°32'57.5"	
LT = 113.45'	L = 224.56'	
ST = 56.78'	T = 113.66'	
	R = 600.00'	

-L36-

Pts Sta 813+32.45	PI Sta 829+56.94	Pts Sta 843+45.30
Gs = 1°30'21.2"	Δ = 21°56'10.1" (LT)	Gs = 1°30'21.2"
Ls = 135.00'	D = 17°44'58.0"	Ls = 135.00'
LT = 90.00'	L = 2,522.96'	LT = 90.00'
ST = 45.00'	T = 1,279.47'	ST = 45.00'
	R = 7,249.00'	

-TRD-

Pts Sta 11+26.69	PI Sta 15+07.35	Pts Sta 18+81.60
Gs = 3°01'26.2"	Δ = 19°59'51.7" (LT)	Gs = 3°01'26.2"
Ls = 190.00'	D = 3°17'59.2"	Ls = 190.00'
LT = 126.69'	L = 628.25'	LT = 126.69'
ST = 63.35'	T = 317.55'	ST = 63.35'
	R = 1,800.00'	
Pts Sta 23+70.94	PI Sta 24+72.97	
Gs = 8°00'00.0"	Δ = 16°13'00.2" (RT)	
Ls = 170.00'	D = 9°32'57.5"	
LT = 113.45'	L = 169.82'	
ST = 56.78'	T = 85.49'	
	R = 600.00'	

GRAPHIC SCALE
50 25 0 50 100
PLANS

LOCATION:

TIP NO.: R-3329 /R-2559 COUNTY: UNION

DESIGNED BY:

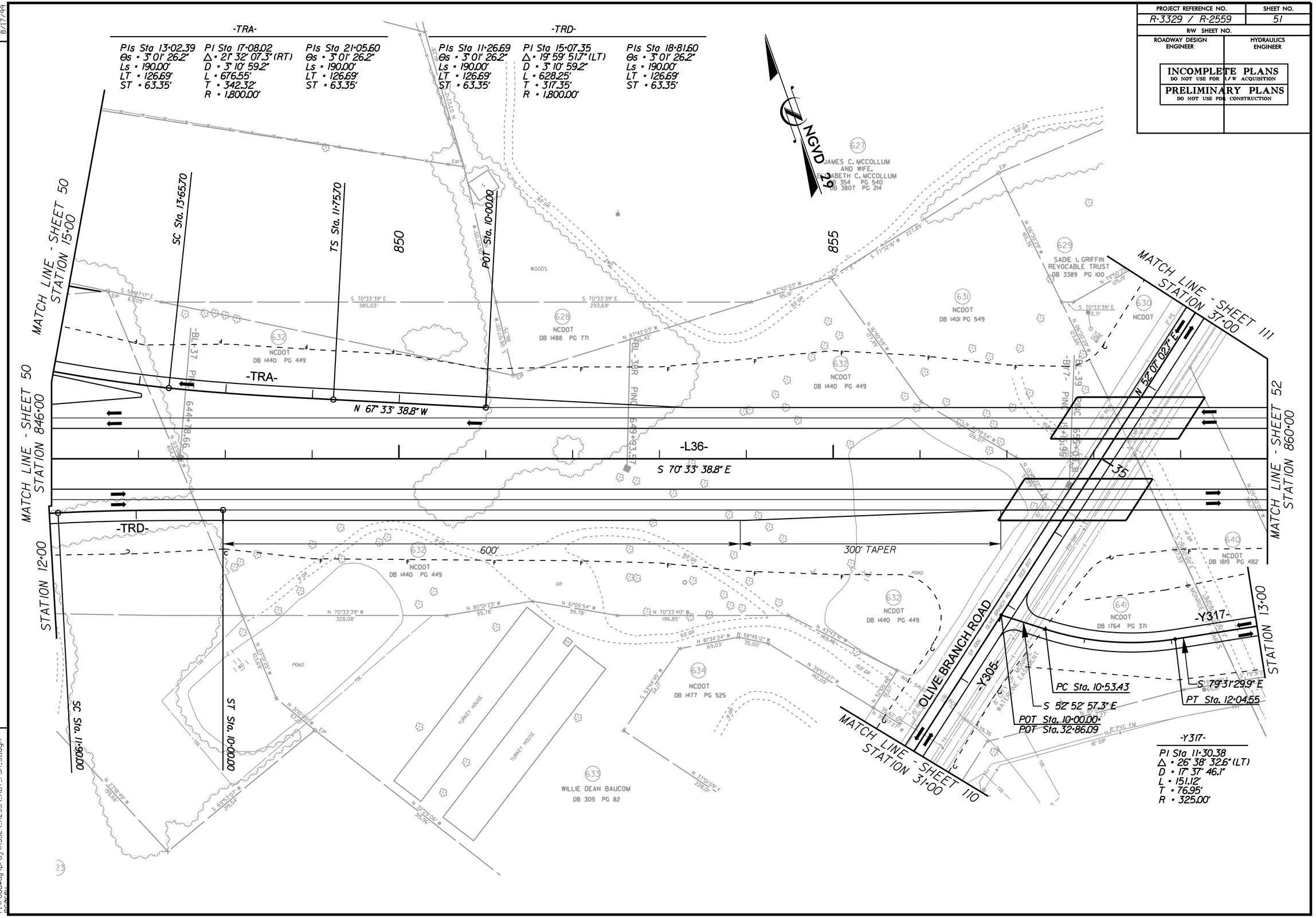
CHECKED BY: DATE:

6/6/2015
R:\Roadway\Proj\R-3329_R-2559_R01_PS4_SB.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	51
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_51.dgn

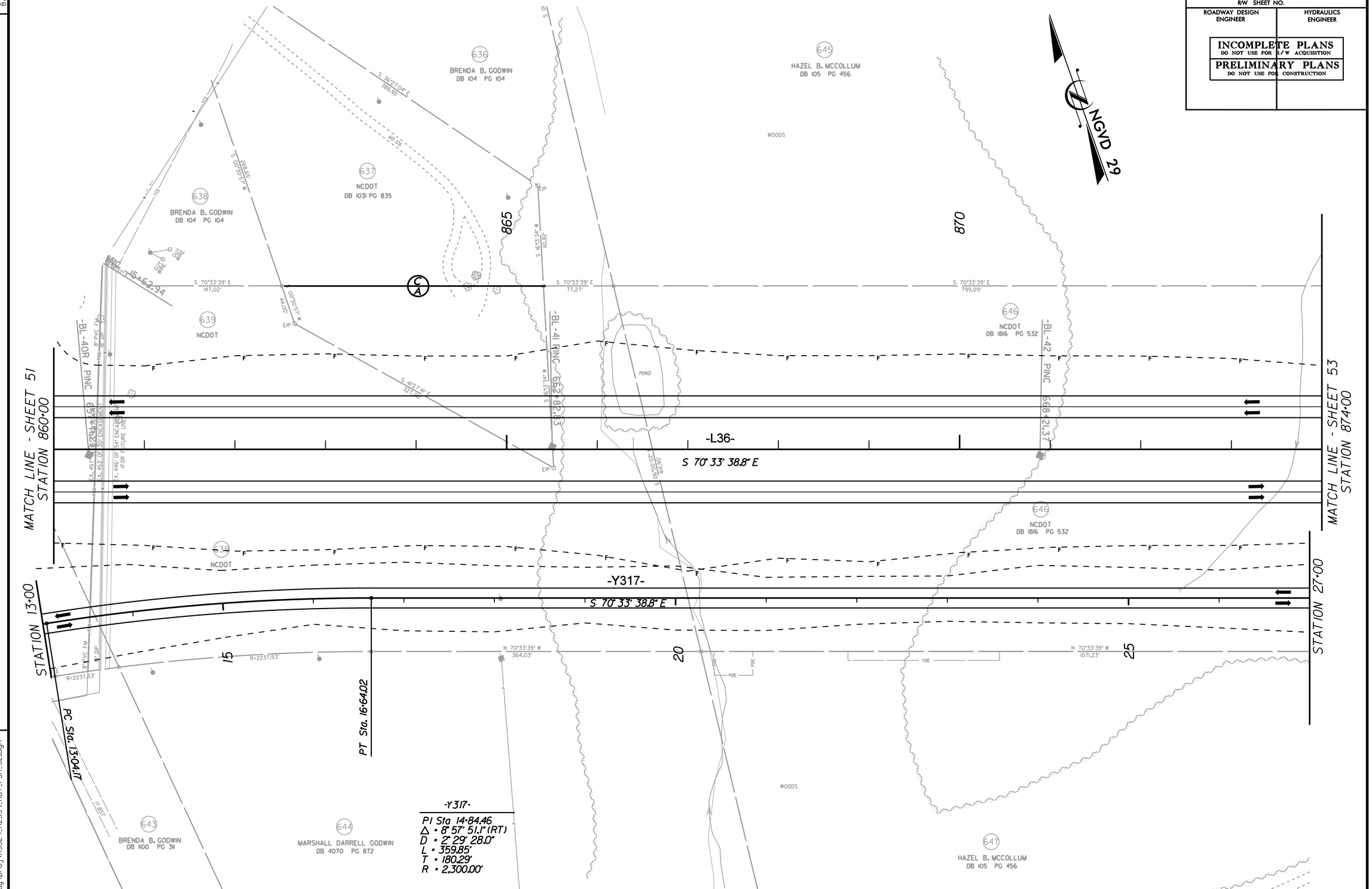
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	52
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99

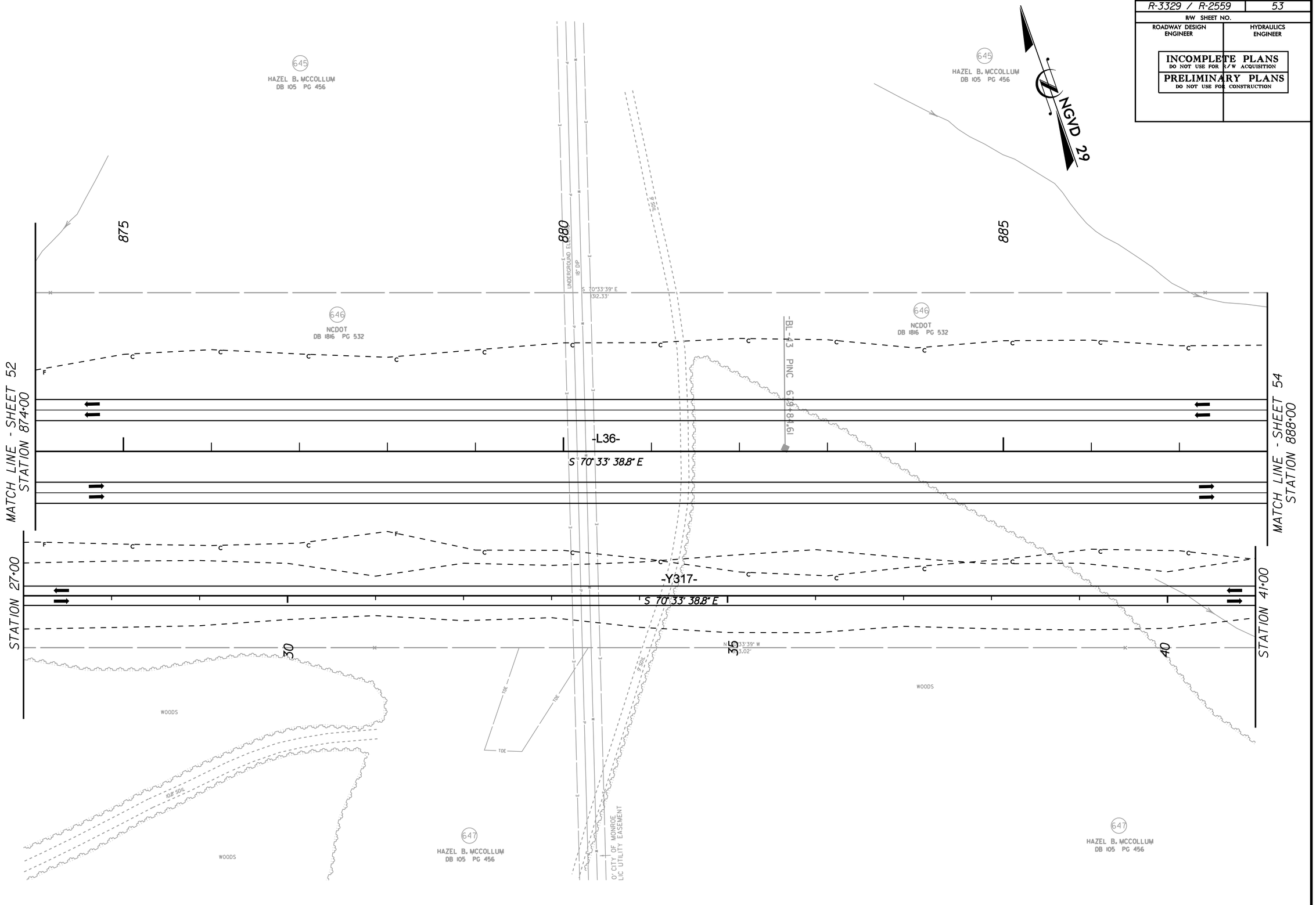


6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_52.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	53
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

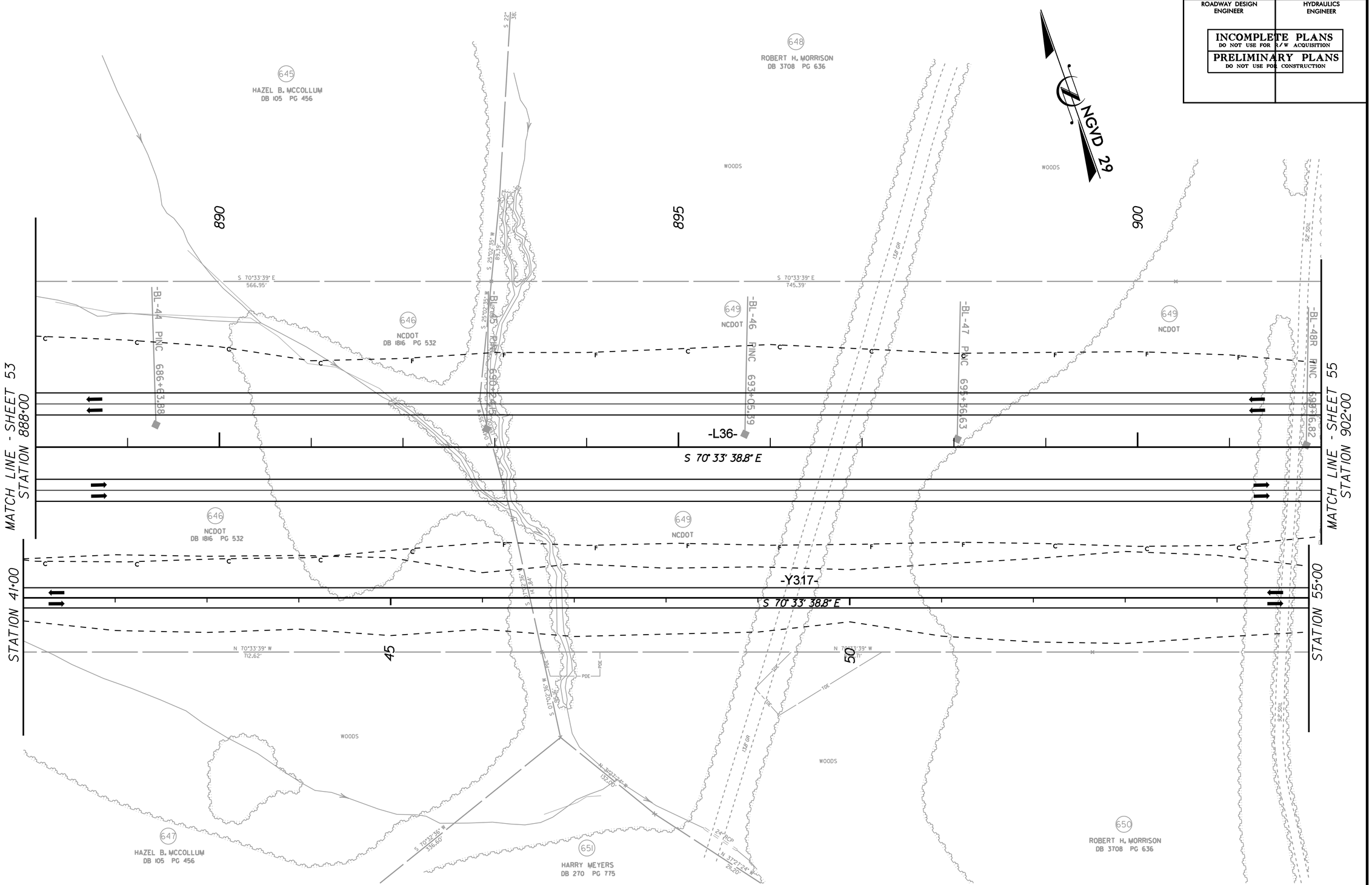
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_53.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	54
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

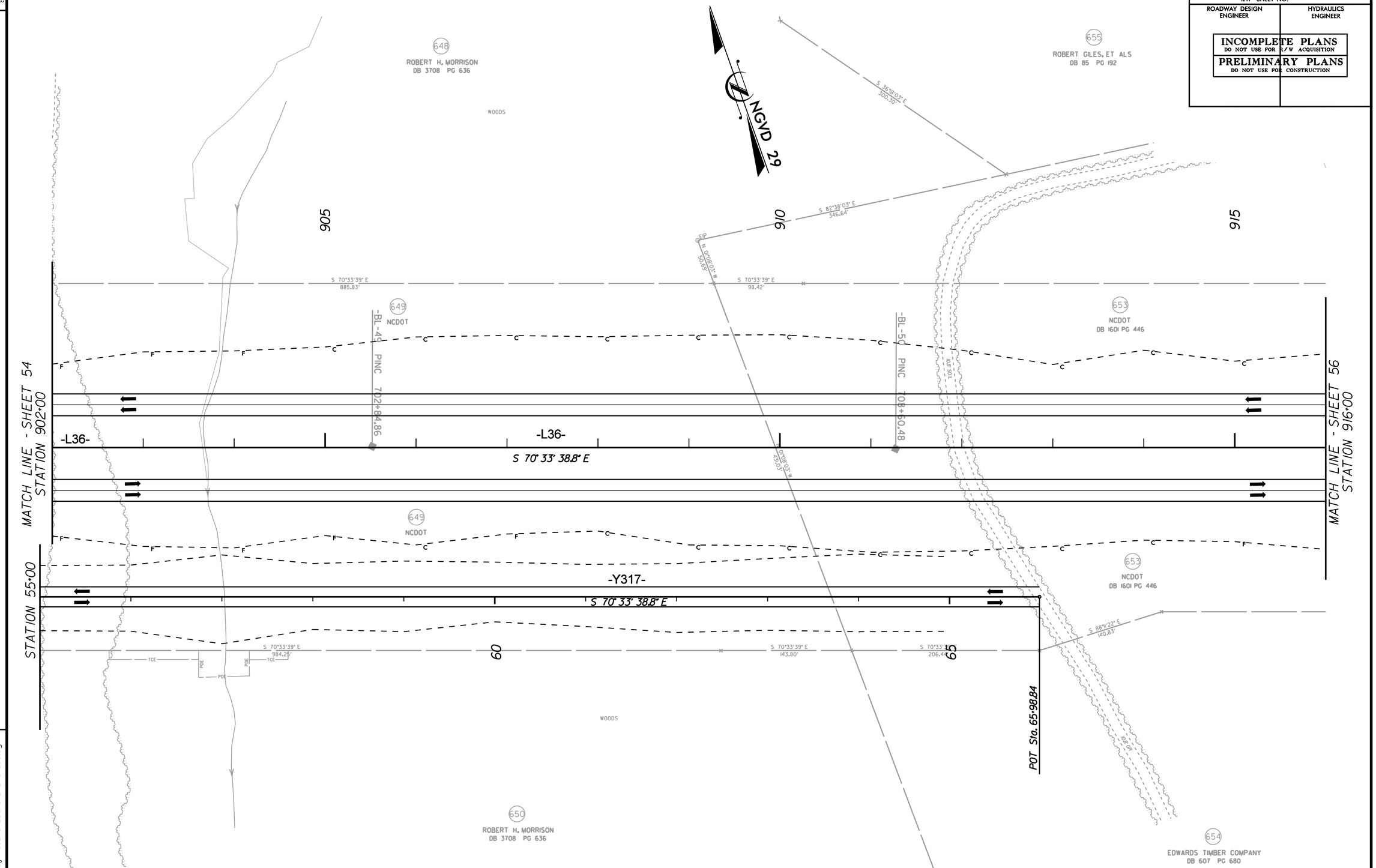
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_54.dgn
mcarey

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	55
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

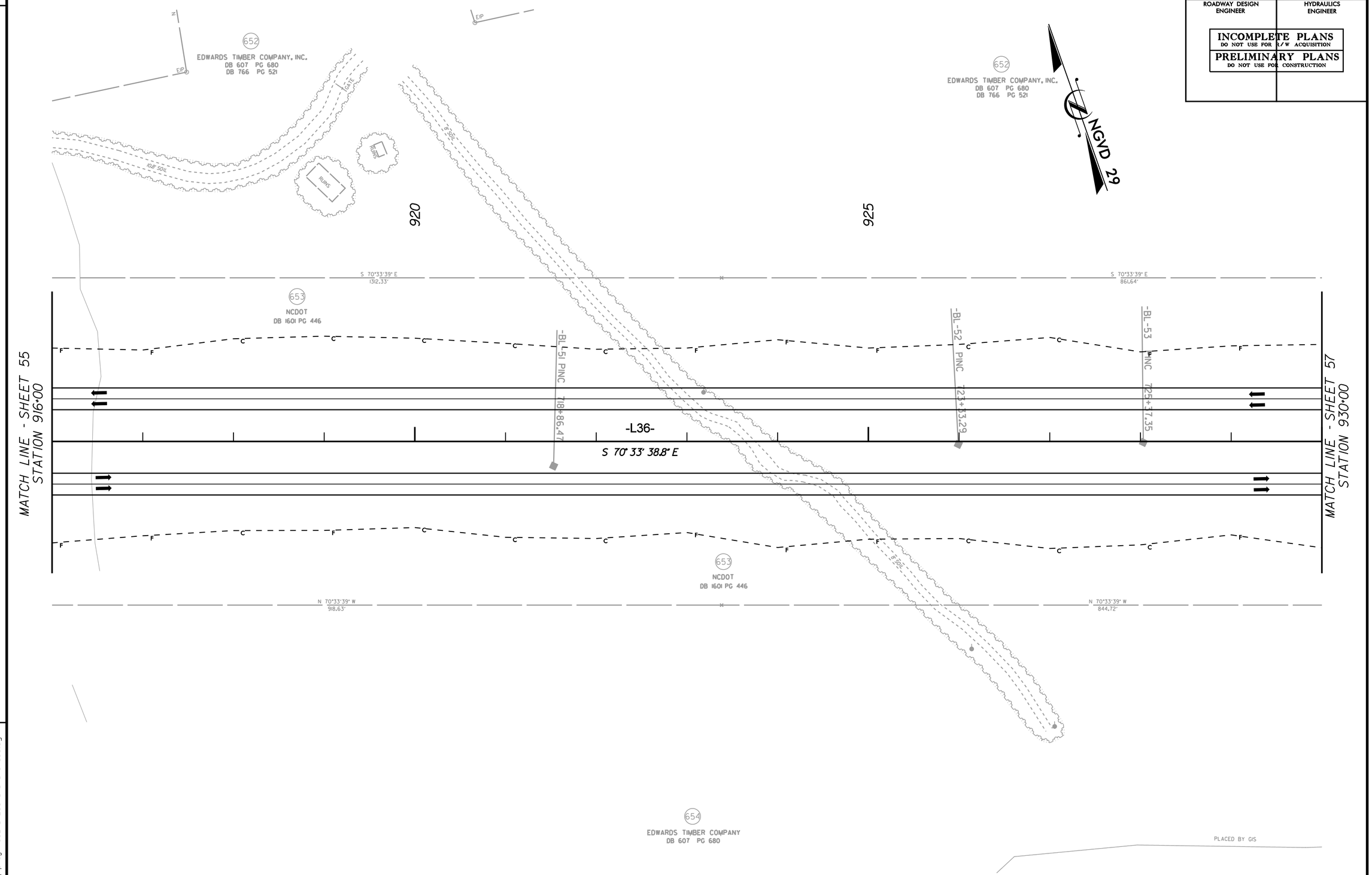
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_ROY_PSH_55.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	56
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

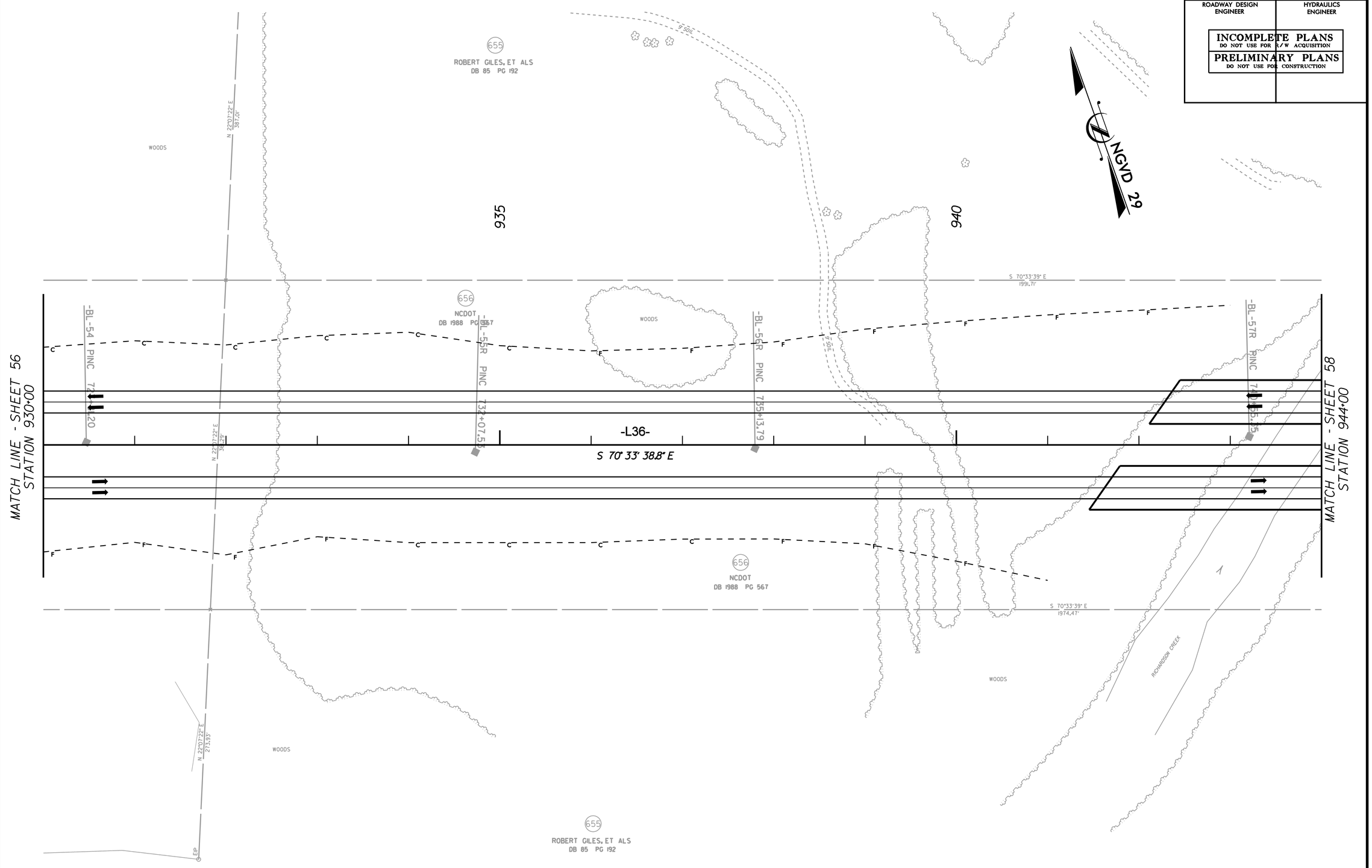
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_56.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	57
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

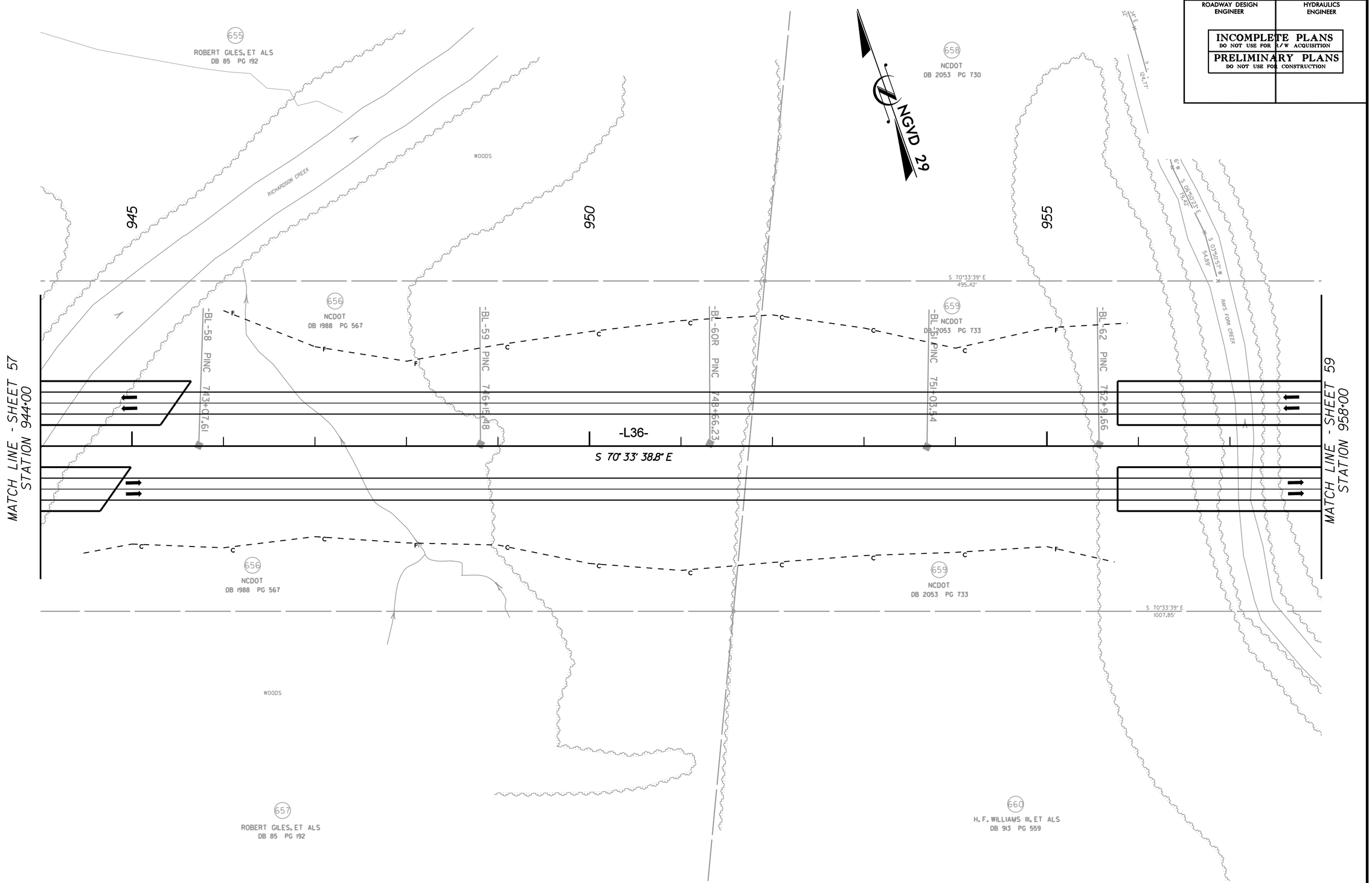
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_57.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	58
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_58.dgn
mrapp1

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	59
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

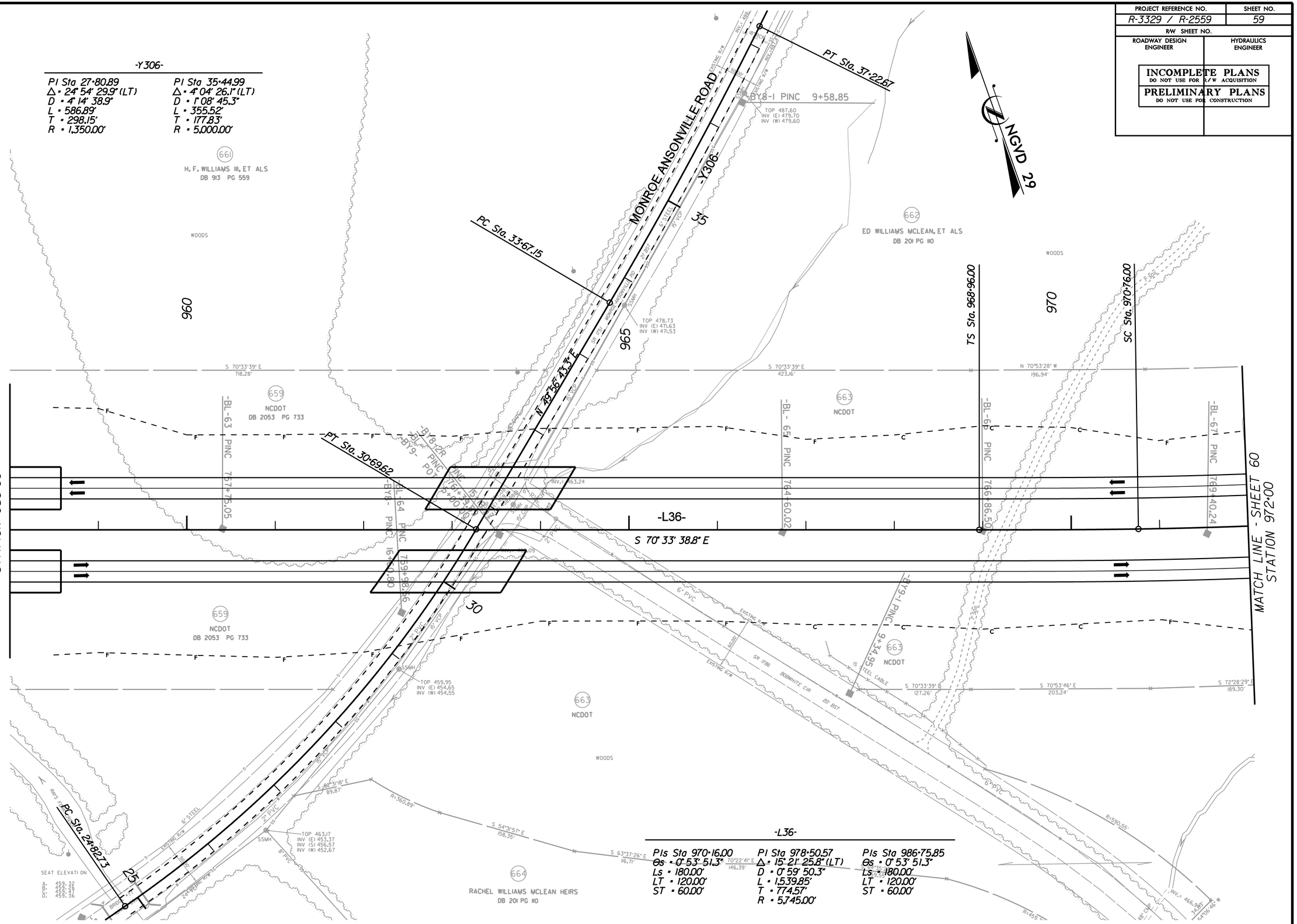
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99

-Y306-

PI Sta 27+80.89	PI Sta 35+44.99
Δ = 24° 54' 29.9" (LT)	Δ = 4° 04' 26.1" (LT)
D = 4° 14' 38.9"	D = 1° 08' 45.3"
L = 586.89'	L = 355.52'
T = 298.15'	T = 177.83'
R = 1,350.00'	R = 5,000.00'



-L36-

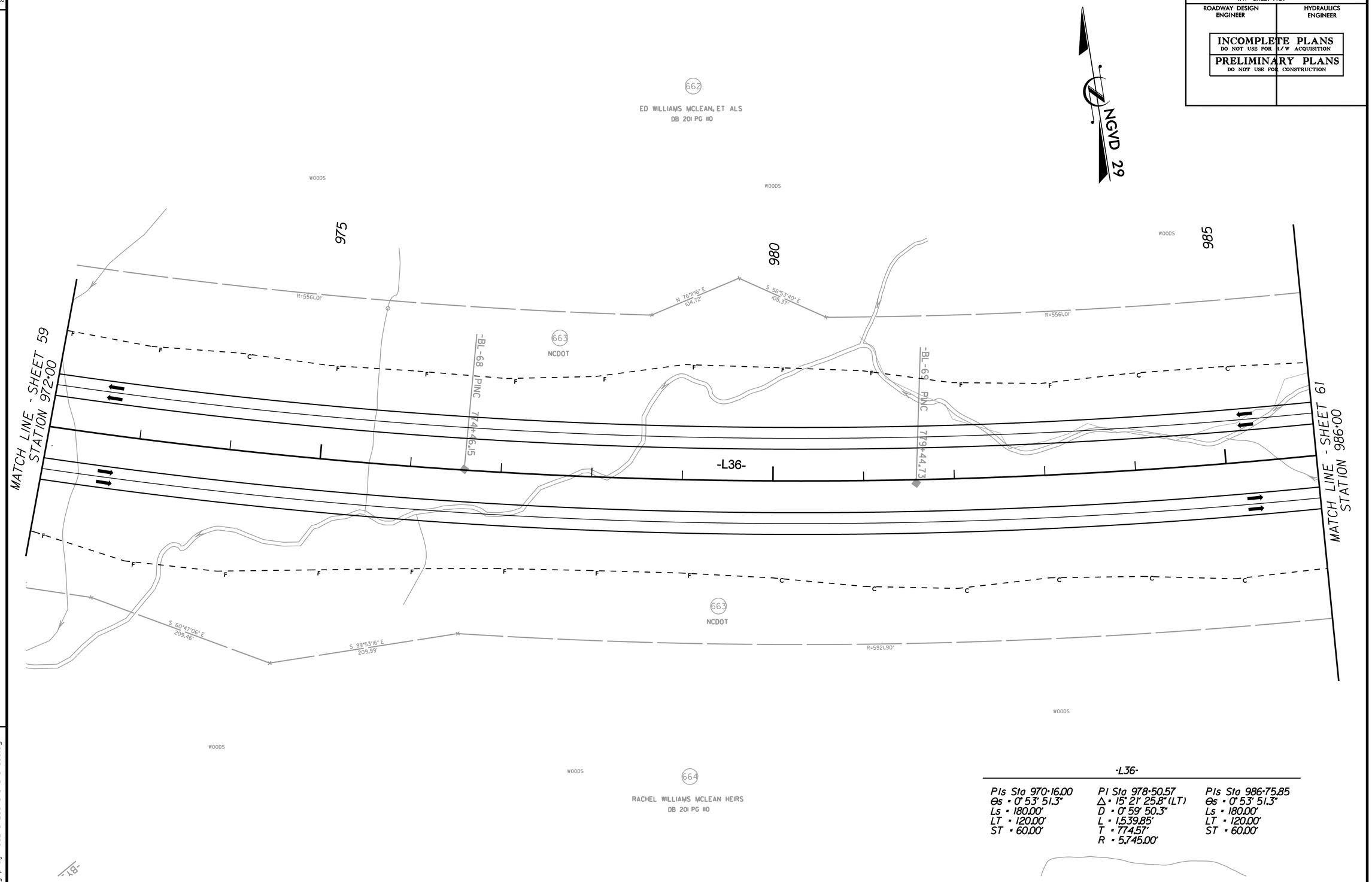
PIs Sta 970+16.00	PI Sta 978+50.57	PIs Sta 986+75.85
Θs = 0° 53' 51.3"	Δ = 15° 21' 25.8" (LT)	Θs = 0° 53' 51.3"
Ls = 180.00'	D = 0° 59' 50.3"	Ls = 180.00'
LT = 120.00'	L = 1,539.85'	LT = 120.00'
ST = 60.00'	T = 774.57'	ST = 60.00'
	R = 5,745.00'	

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_59.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	60
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



-L36-

PIs Sta 970+16.00	PI Sta 978+50.57	PIs Sta 986+75.85
Θs = 0° 53' 51.3"	Δ = 15° 21' 25.8" (LT)	Θs = 0° 53' 51.3"
Ls = 180.00'	D = 0° 59' 50.3"	Ls = 180.00'
LT = 120.00'	L = 1,539.85'	LT = 120.00'
ST = 60.00'	T = 774.57'	ST = 60.00'
	R = 5,745.00'	

REVISIONS

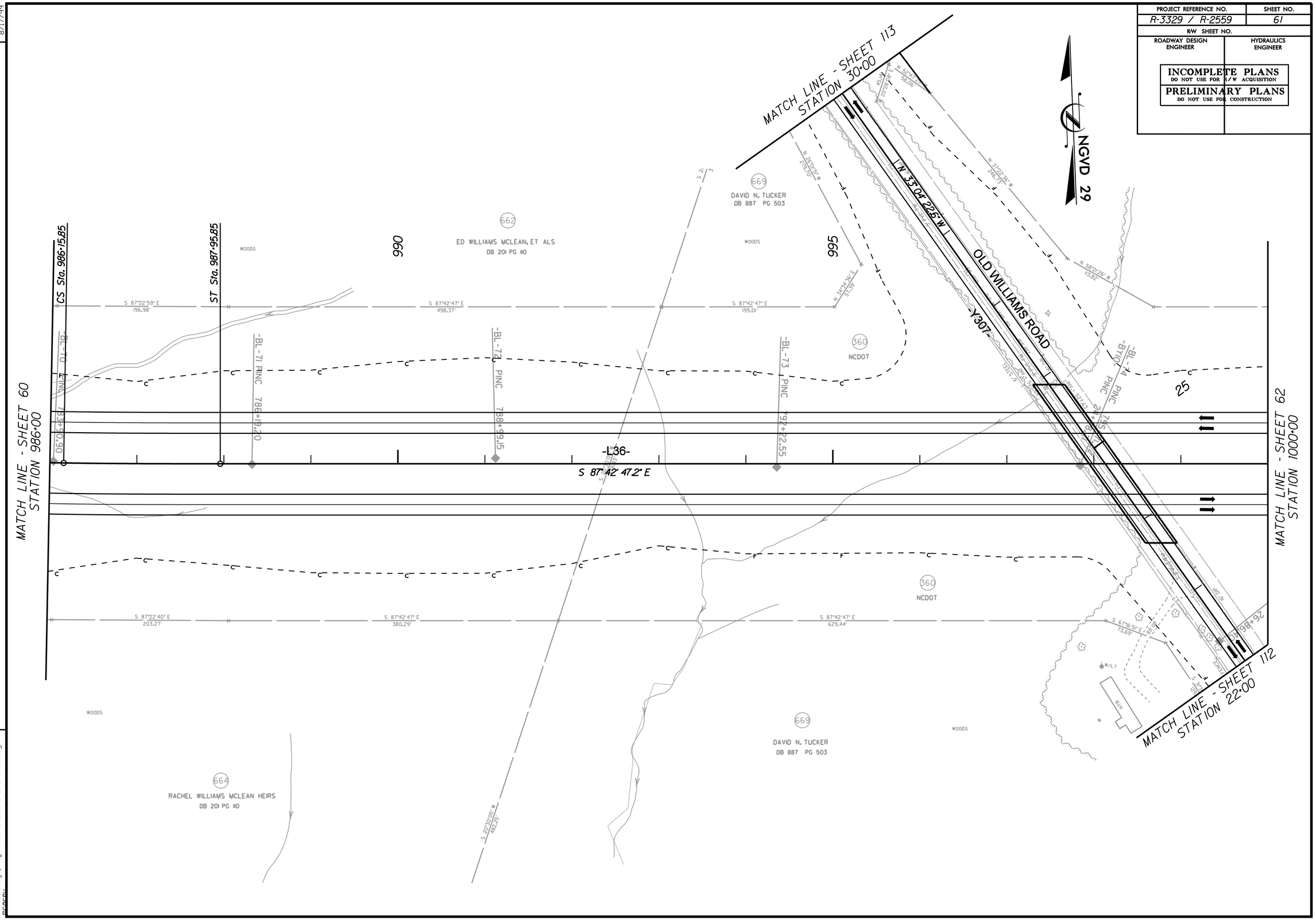
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_60.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	61
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

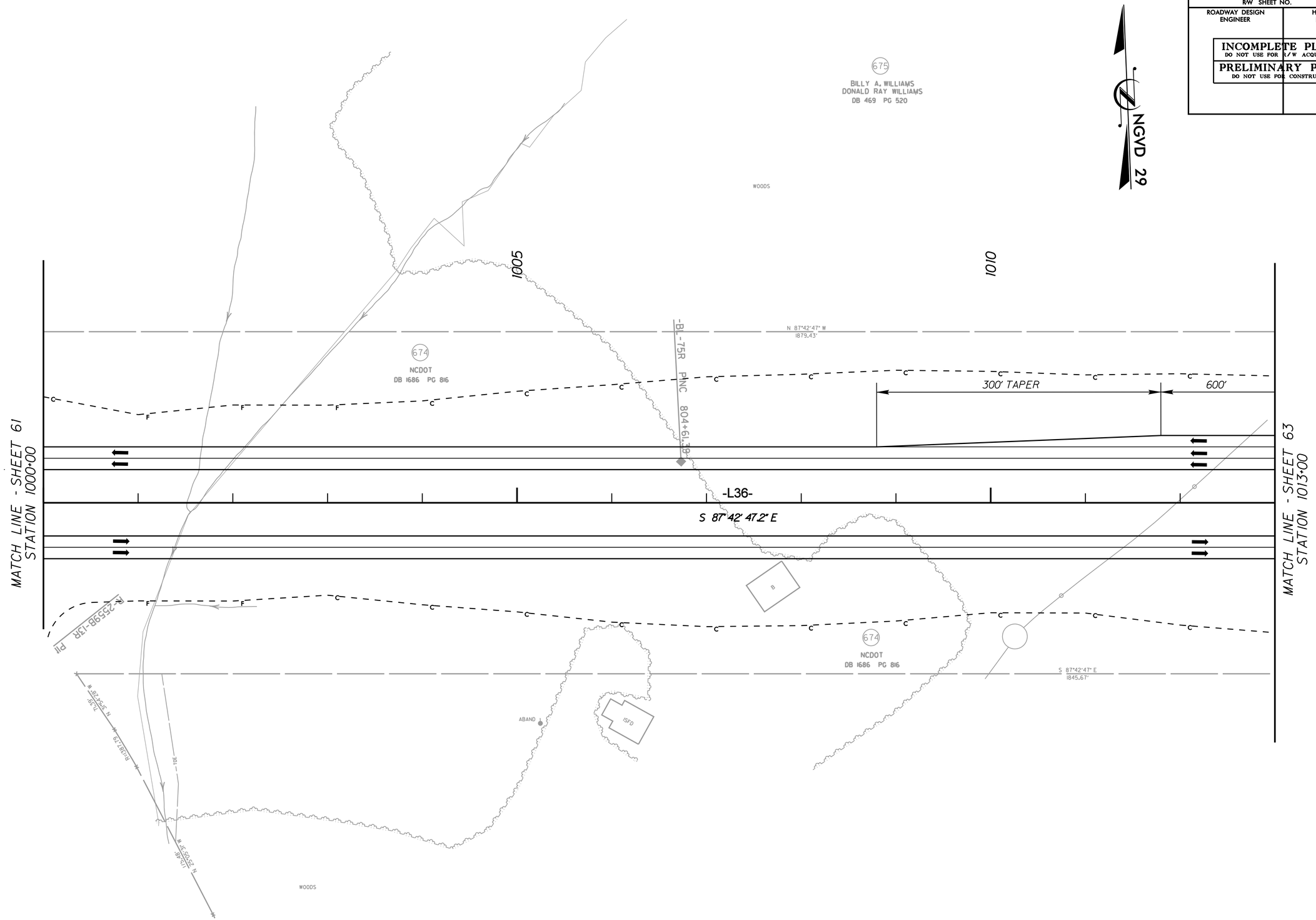
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_61.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	62
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

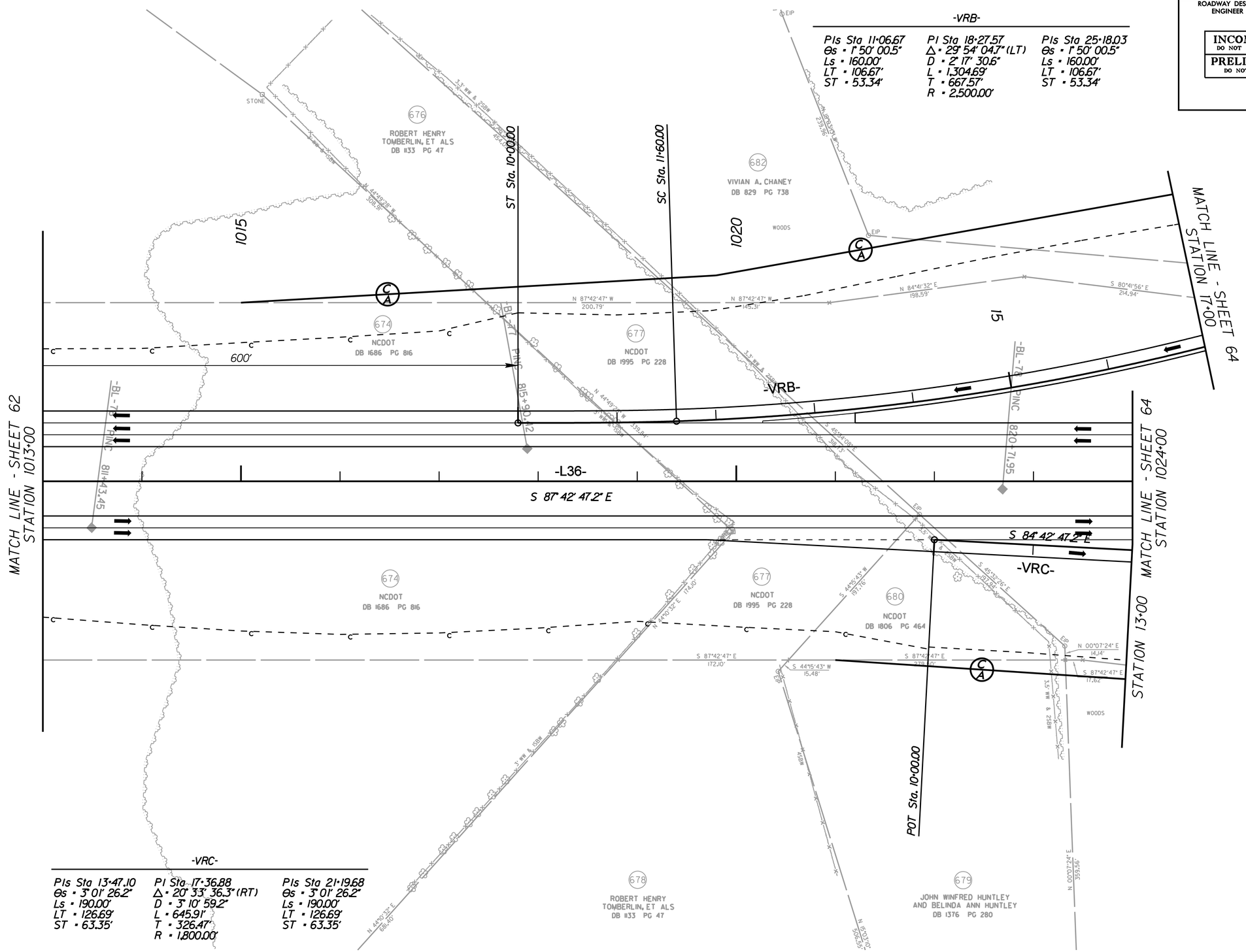
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_62.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	63
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

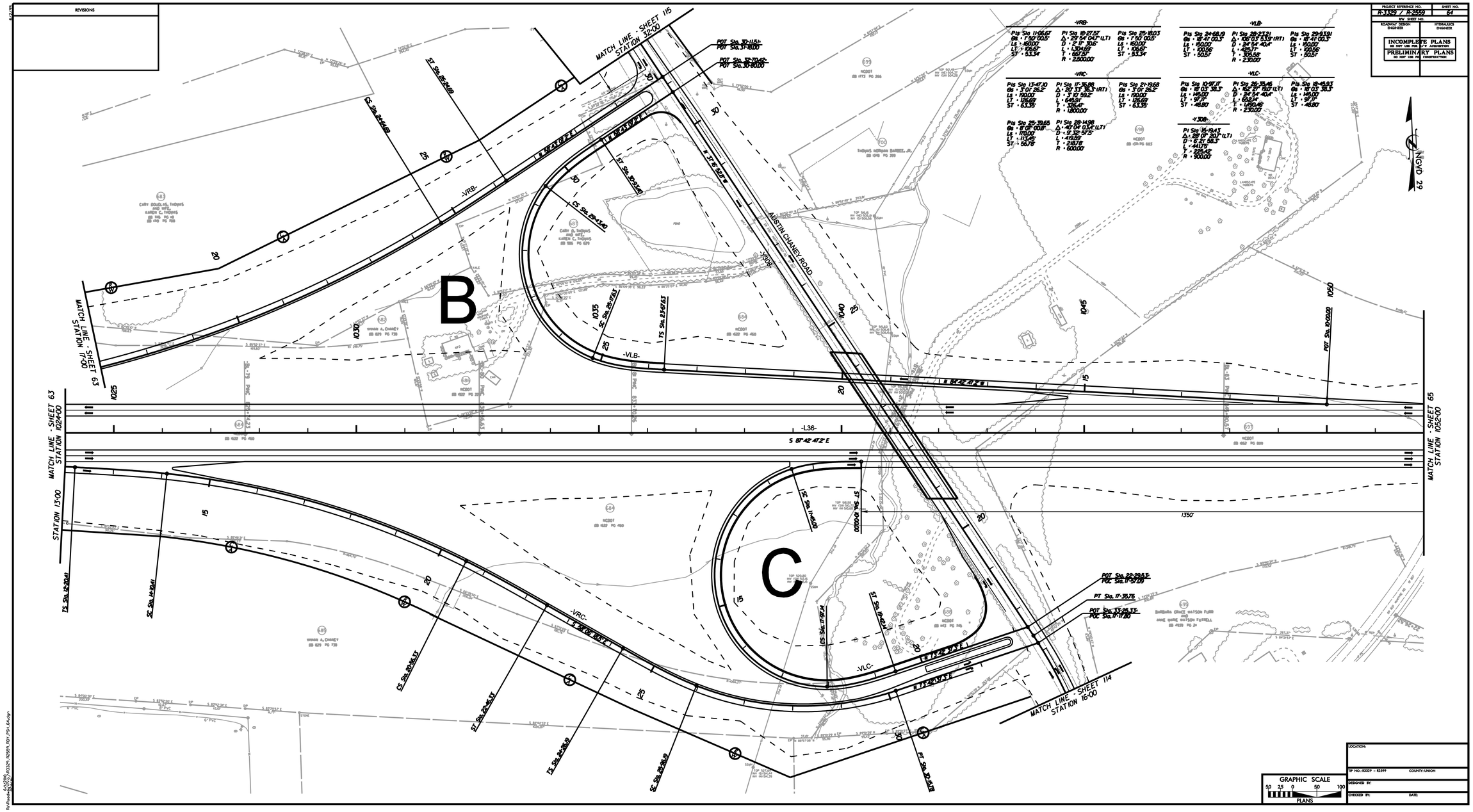
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_63.dgn

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	64
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



-VRB-		
PIs Sta 11+66.67	PI Sta 19+27.57	PIs Sta 25+10.03
Ds = 7°50'00.0"	Δ = 29°54'04.7" (LT)	Ds = 7°50'00.0"
Ls = 150.00'	D = 2°17'30.6"	Ls = 150.00'
LT = 106.67'	L = 1,204.69'	LT = 106.67'
ST = 53.54'	T = 616.73'	ST = 53.54'
	R = 2,500.00'	

-VLB-		
PIs Sta 24+68.49	PI Sta 28+21.91	PIs Sta 29+93.91
Ds = 18°41'00.3"	Δ = 106°03'33.9" (RT)	Ds = 18°41'00.3"
Ls = 150.00'	D = 24°54'40.4"	Ls = 150.00'
LT = 120.06'	L = 425.17'	LT = 120.06'
ST = 60.51'	T = 305.58'	ST = 60.51'
	R = 230.00'	

-VRC-		
PIs Sta 13+47.10	PI Sta 17+36.88	PIs Sta 21+19.68
Ds = 3°01'26.2"	Δ = 20°33'36.3" (RT)	Ds = 3°01'26.2"
Ls = 150.00'	D = 3°10'59.2"	Ls = 150.00'
LT = 129.69'	L = 646.91'	LT = 129.69'
ST = 63.95'	T = 326.47'	ST = 63.95'
	R = 1,800.00'	
PIs Sta 25+19.65	PI Sta 28+14.08	
Ds = 8°05'00.0"	Δ = 40°04'03.4" (LT)	
Ls = 170.00'	D = 9°32'57.5"	
LT = 113.49'	L = 419.59'	
ST = 58.78'	T = 218.78'	
	R = 600.00'	

-VLC-		
PIs Sta 10+97.17	PI Sta 15+75.46	PIs Sta 18+45.93
Ds = 18°03'38.3"	Δ = 152°31'18.0" (LT)	Ds = 18°03'38.3"
Ls = 145.00'	D = 24°54'40.4"	Ls = 145.00'
LT = 97.17'	L = 612.24'	LT = 97.17'
ST = 48.80'	T = 1,150.48'	ST = 48.80'
	R = 230.00'	

-Y308-
PIs Sta 16+19.43
Δ = 28°17'20.7" (LT)
D = 6°51'58.3"
L = 411.76'
T = 225.42'
R = 900.00'

GRAPHIC SCALE
50 25 0 50 100
PLANS

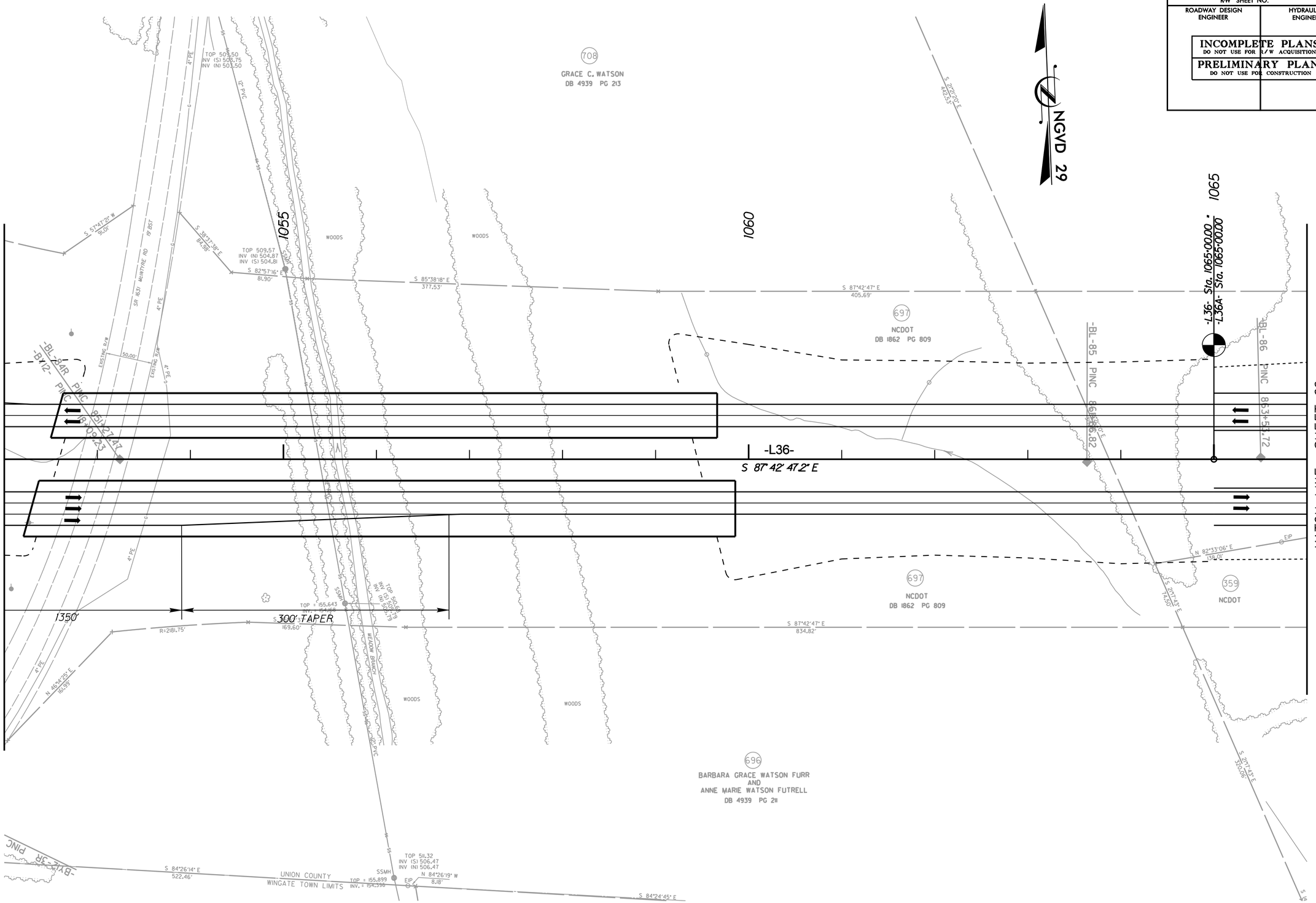
LOCATION:	
TIP NO.: R3329 – R2399	COUNTY: UNION
DESIGNED BY:	
CHECKED BY:	DATE:

6/1/2015
R:\Roadway\Proj\R3329-R2559_R01-PS4-64.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	65
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

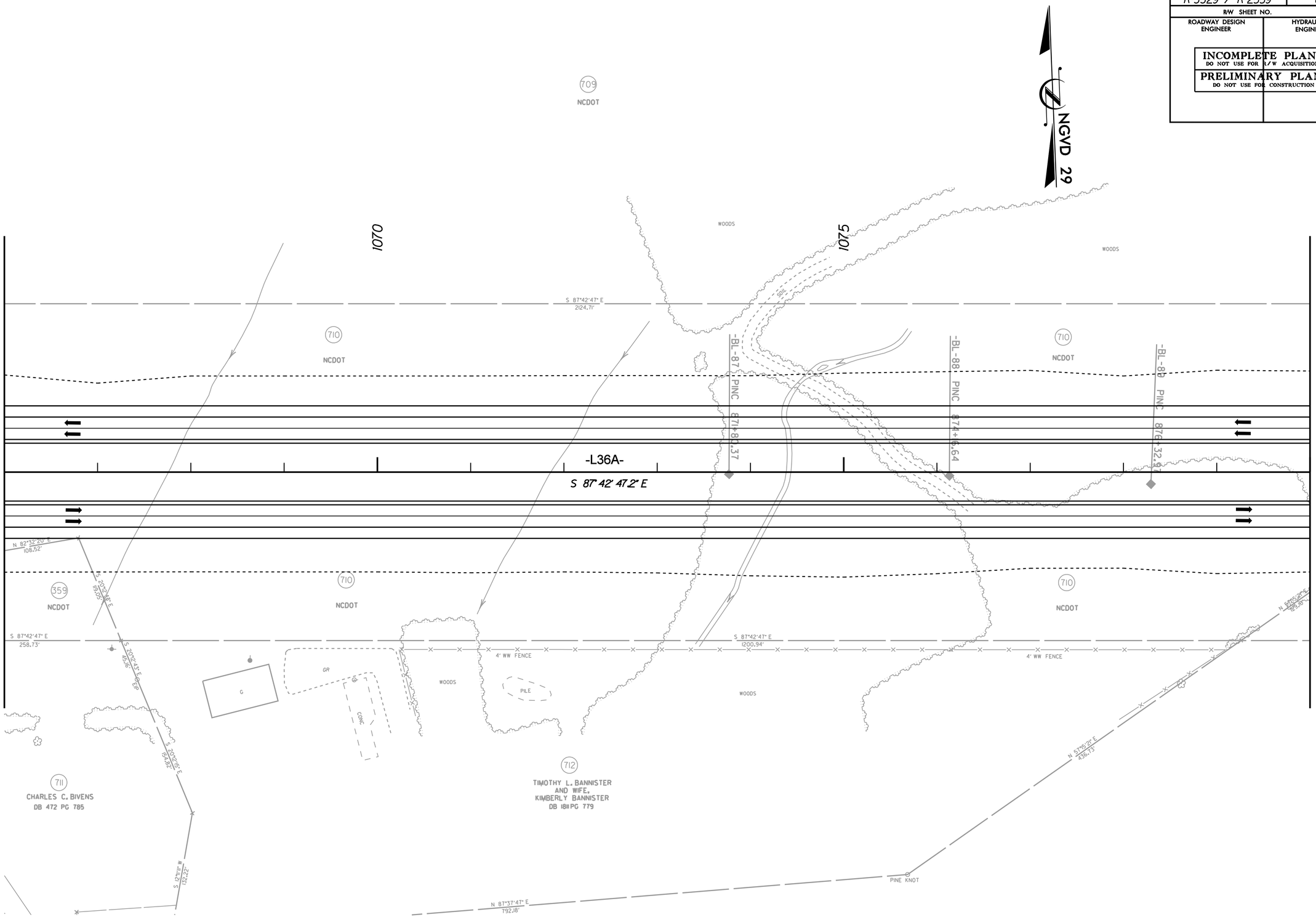
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_65.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	66
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_66.dgn

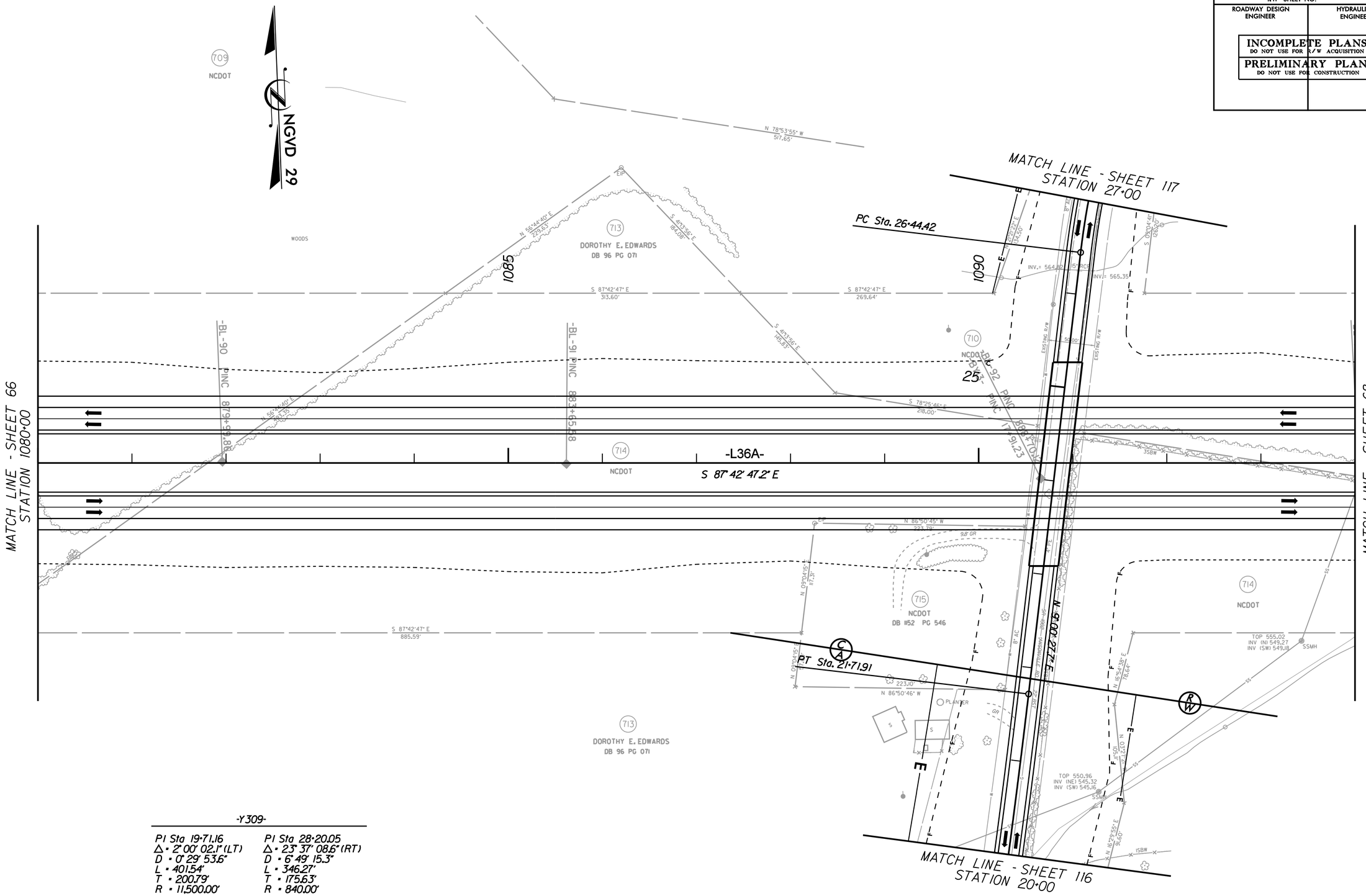
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	67
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



-Y309-

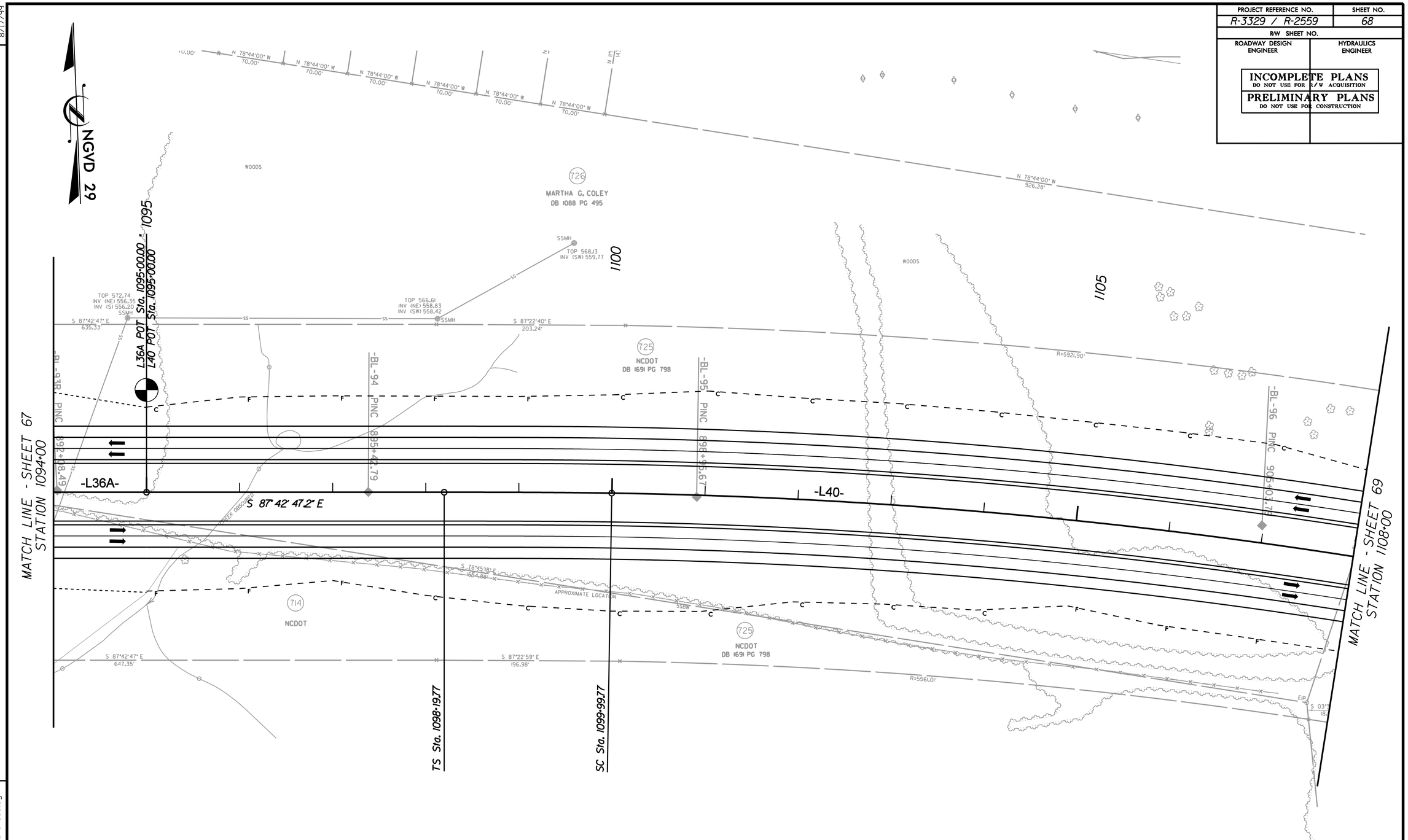
PI Sta 19+71.16	PI Sta 28+20.05
Δ = 2° 00' 02.1" (LT)	Δ = 23° 37' 08.6" (RT)
D = 0° 29' 53.6"	D = 6° 49' 15.3"
L = 401.54'	L = 346.27'
T = 200.79'	T = 175.63'
R = 11,500.00'	R = 840.00'

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_67.dgn
mpatel

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	68
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



-L40-

PIs Sta 1099+39.77	PI Sta 1128+04.04	PIs Sta 1152+77.40
θs = 0° 53' 51.3"	Δ = 52° 02' 10.3" (RT)	θs = 0° 53' 51.3"
Ls = 180.00'	D = 0° 59' 50.3"	Ls = 180.00'
LT = 120.00'	L = 5,217.63'	LT = 120.00'
ST = 60.00'	T = 2,804.27'	ST = 60.00'
	R = 5,745.00'	

REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_68.dgn
mpatel

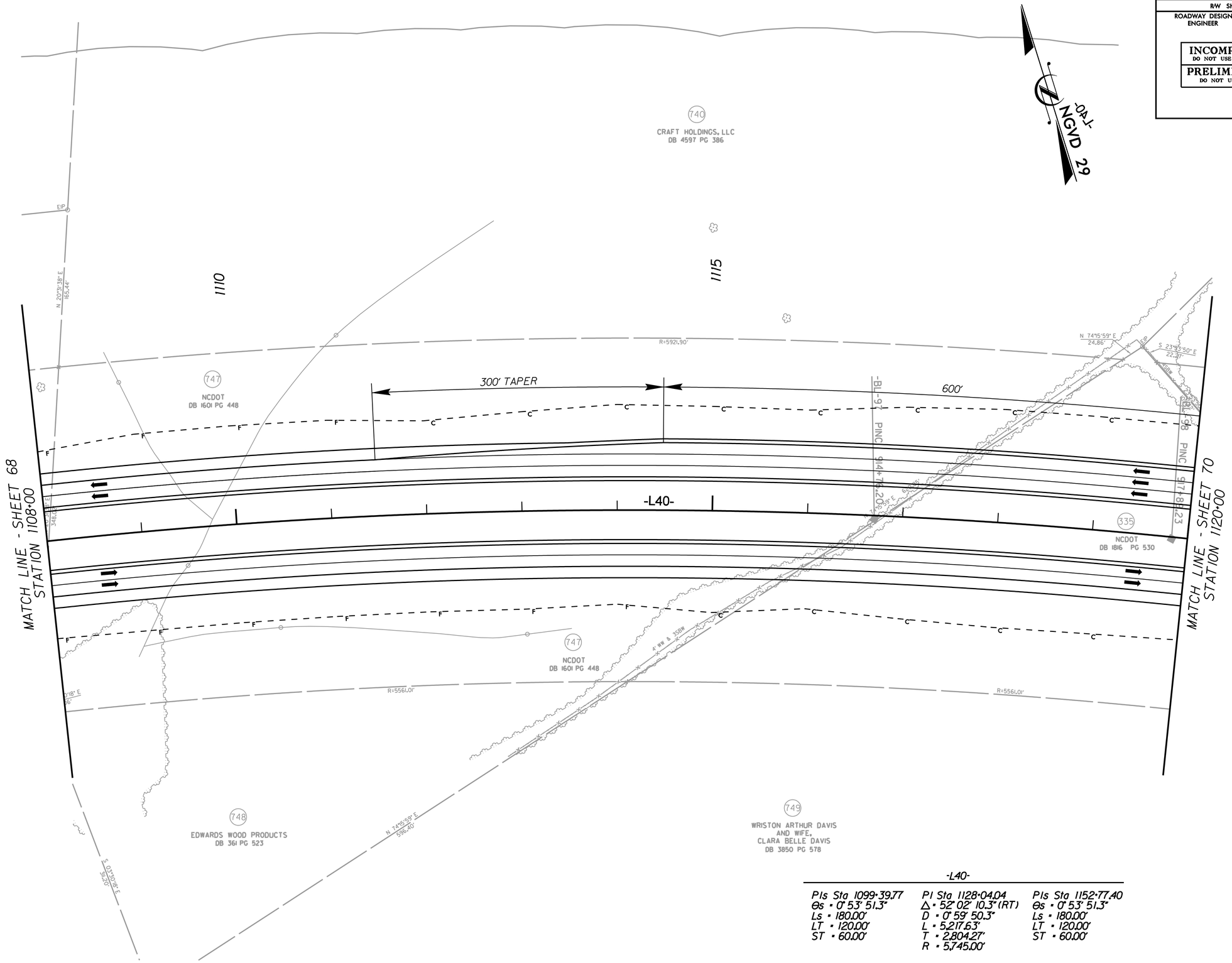
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	69
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



-L40-

PIs Sta 1099+39.77	PI Sta 1128+04.04	PIs Sta 1152+77.40
Θs = 0° 53' 51.3"	Δ = 52° 02' 10.3" (RT)	Θs = 0° 53' 51.3"
Ls = 180.00'	D = 0° 59' 50.3"	Ls = 180.00'
LT = 120.00'	L = 5,217.63'	LT = 120.00'
ST = 60.00'	T = 2,804.27'	ST = 60.00'
	R = 5,745.00'	

6/1/2010
r:\roadway\proj\R3329_R2559_ROY_PSH_69.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	70
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

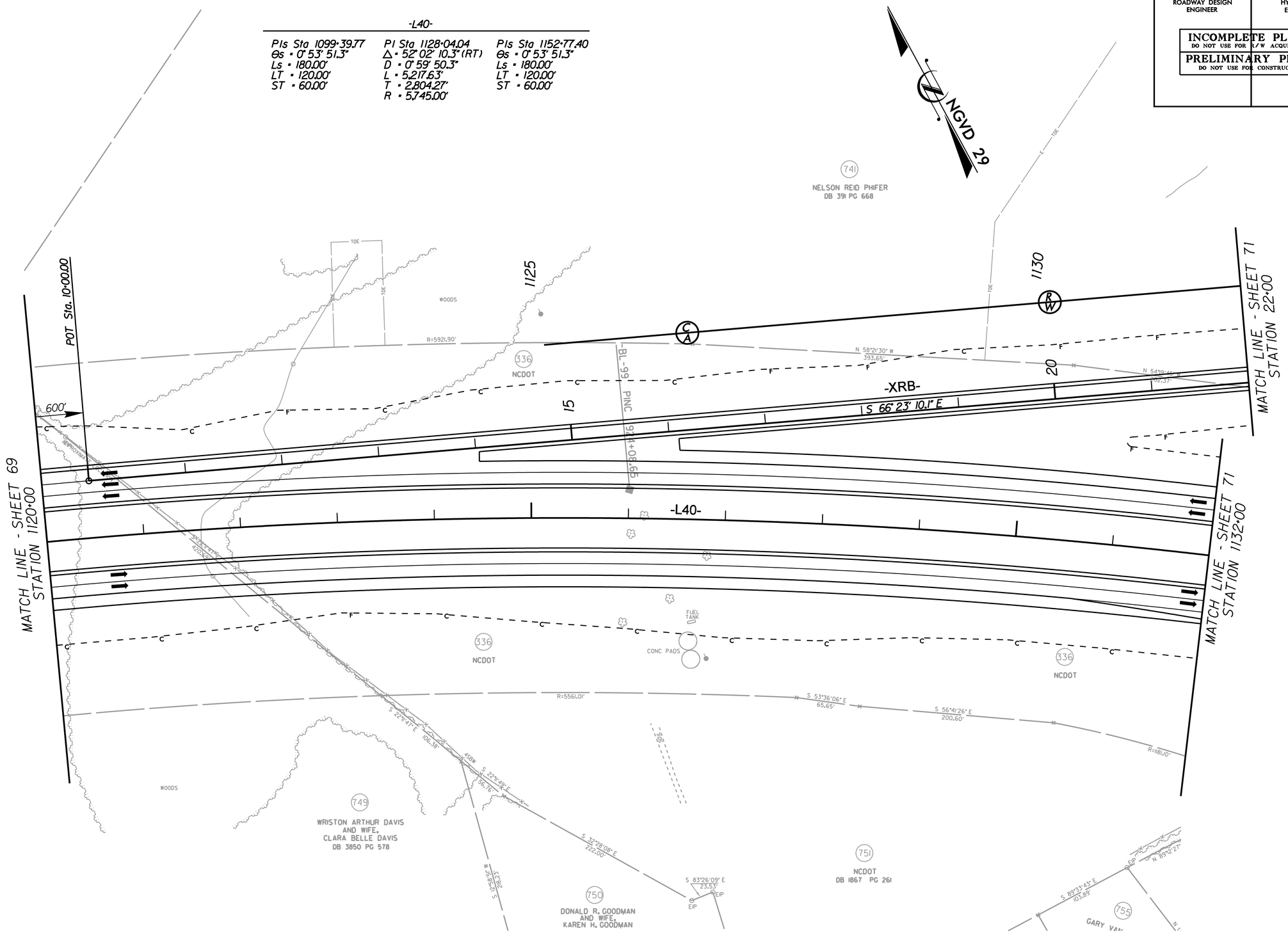
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99

-L40-

PIs Sta 1099+39.77	PI Sta 1128+04.04	PIs Sta 1152+77.40
Es = 0° 53' 51.3"	Δ = 52° 02' 10.3" (RT)	Es = 0° 53' 51.3"
Ls = 180.00'	D = 0° 59' 50.3"	Ls = 180.00'
LT = 120.00'	L = 5,217.63'	LT = 120.00'
ST = 60.00'	T = 2,804.27'	ST = 60.00'
	R = 5,745.00'	



6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_70.dgn

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	71
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION
PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

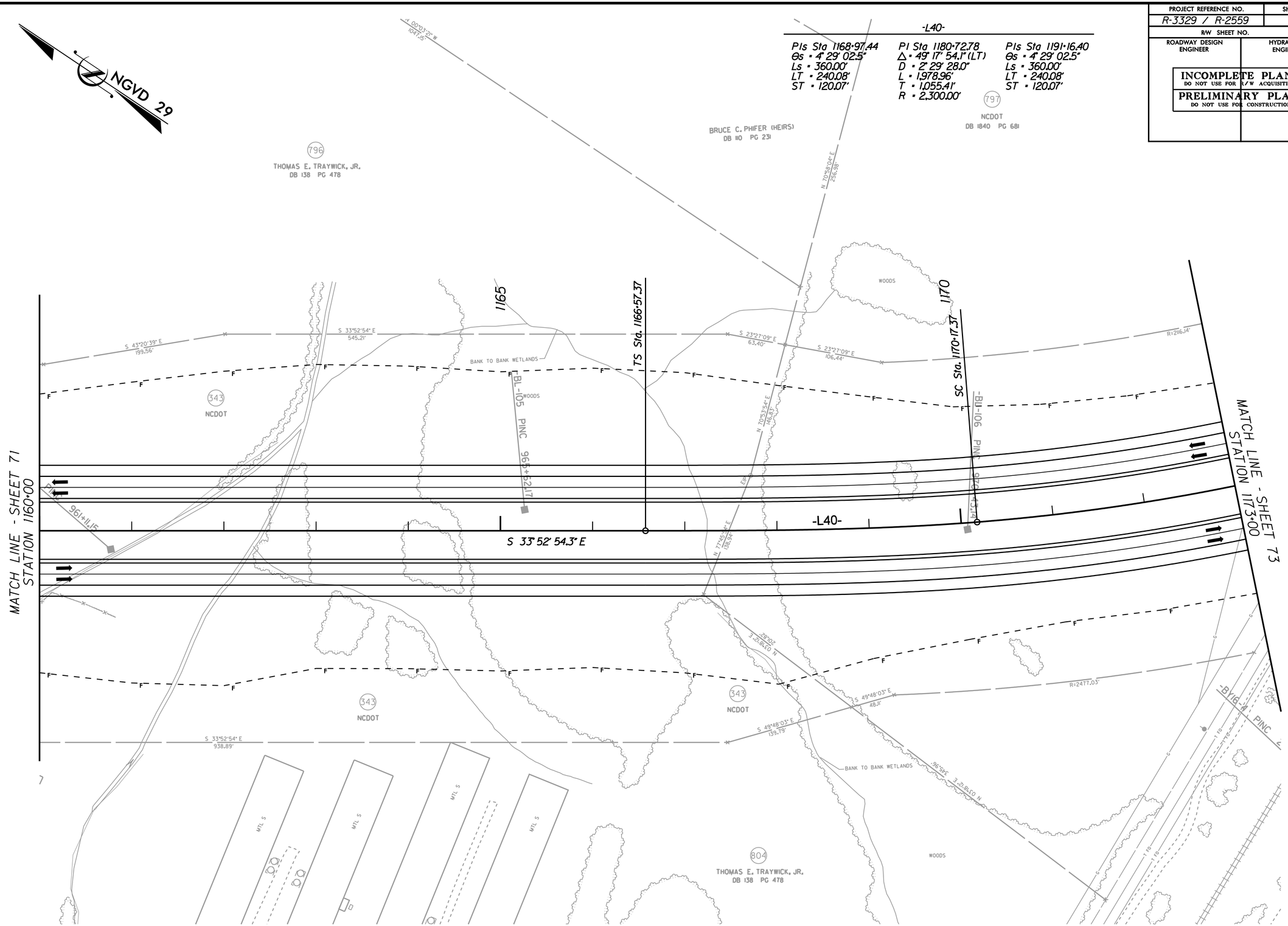
LOCATION:	
TIP NO.: R-3329 / R-2559	COUNTY: UNION
DESIGNED BY:	
CHECKED BY:	DATE:

6/1/2020
Pw:Drawer2pw:pw01.r3329_r2559_r001_r701_71.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	72
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

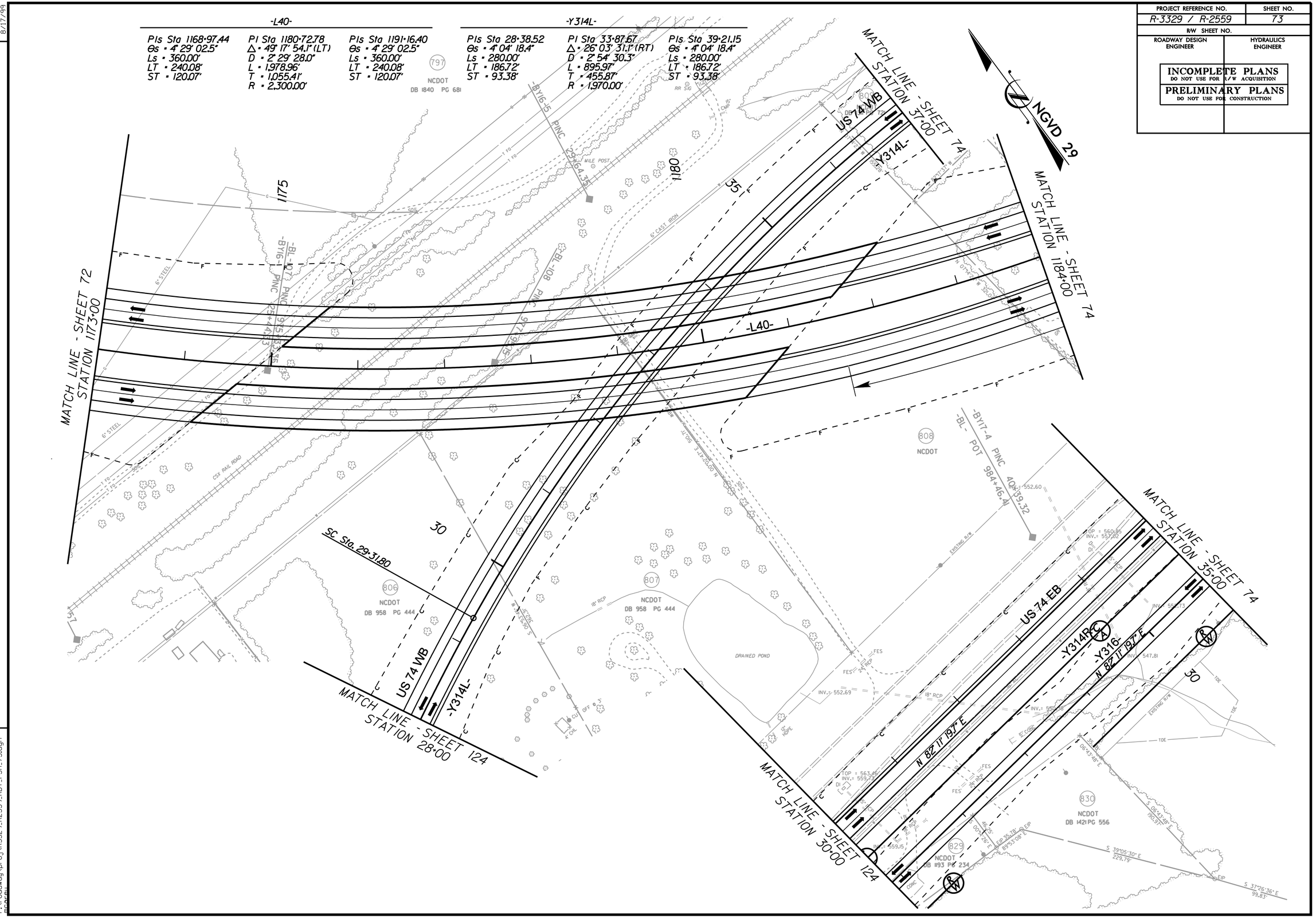
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_72.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	73
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_73.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	74
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

-L40-

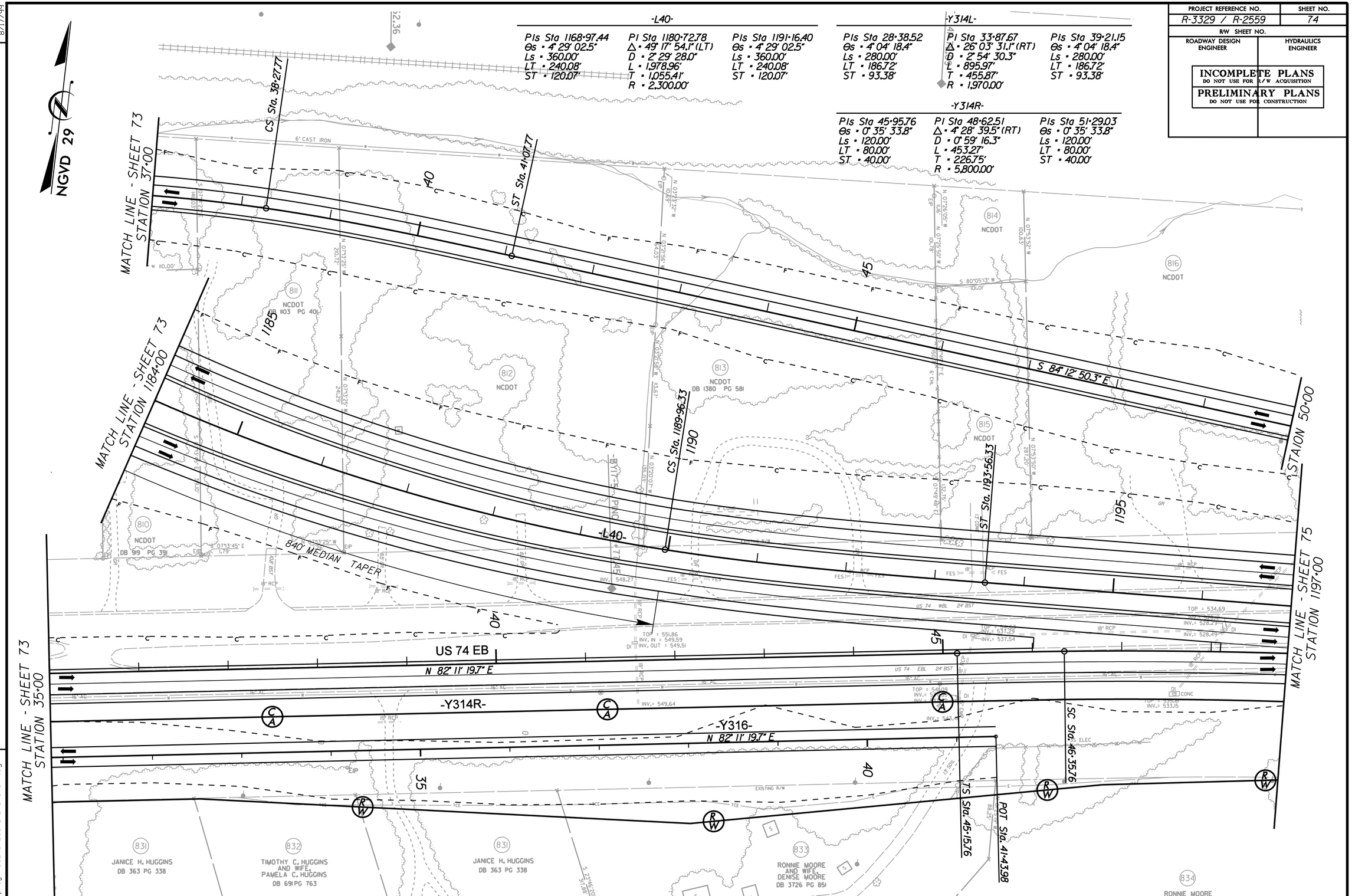
PIs Sta 1168+97.44	PI Sta 1180+72.78	PIs Sta 1191+16.40
θs = 4° 29' 02.5"	Δ = 49° 17' 54.1" (LT)	θs = 4° 29' 02.5"
Ls = 360.00'	D = 2° 29' 28.0"	Ls = 360.00'
LT = 240.08'	L = 1,978.96'	LT = 240.08'
ST = 120.07'	T = 1,055.41'	ST = 120.07'
	R = 2,300.00'	

-Y314L-

PIs Sta 28+38.52	PI Sta 33+87.67	PIs Sta 39+21.15
θs = 4° 04' 18.4"	Δ = 26° 03' 31.1" (RT)	θs = 4° 04' 18.4"
Ls = 280.00'	D = 2° 54' 30.3"	Ls = 280.00'
LT = 186.72'	L = 895.97'	LT = 186.72'
ST = 93.38'	T = 455.87'	ST = 93.38'
	R = 1,970.00'	

-Y314R-

PIs Sta 45+95.76	PI Sta 48+62.51	PIs Sta 51+29.03
θs = 0° 35' 33.8"	Δ = 4° 28' 39.5" (RT)	θs = 0° 35' 33.8"
Ls = 120.00'	D = 0° 59' 16.3"	Ls = 120.00'
LT = 80.00'	L = 453.27'	LT = 80.00'
ST = 40.00'	T = 226.75'	ST = 40.00'



REVISIONS

8/17/99

73

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_74.dgn
mcarey

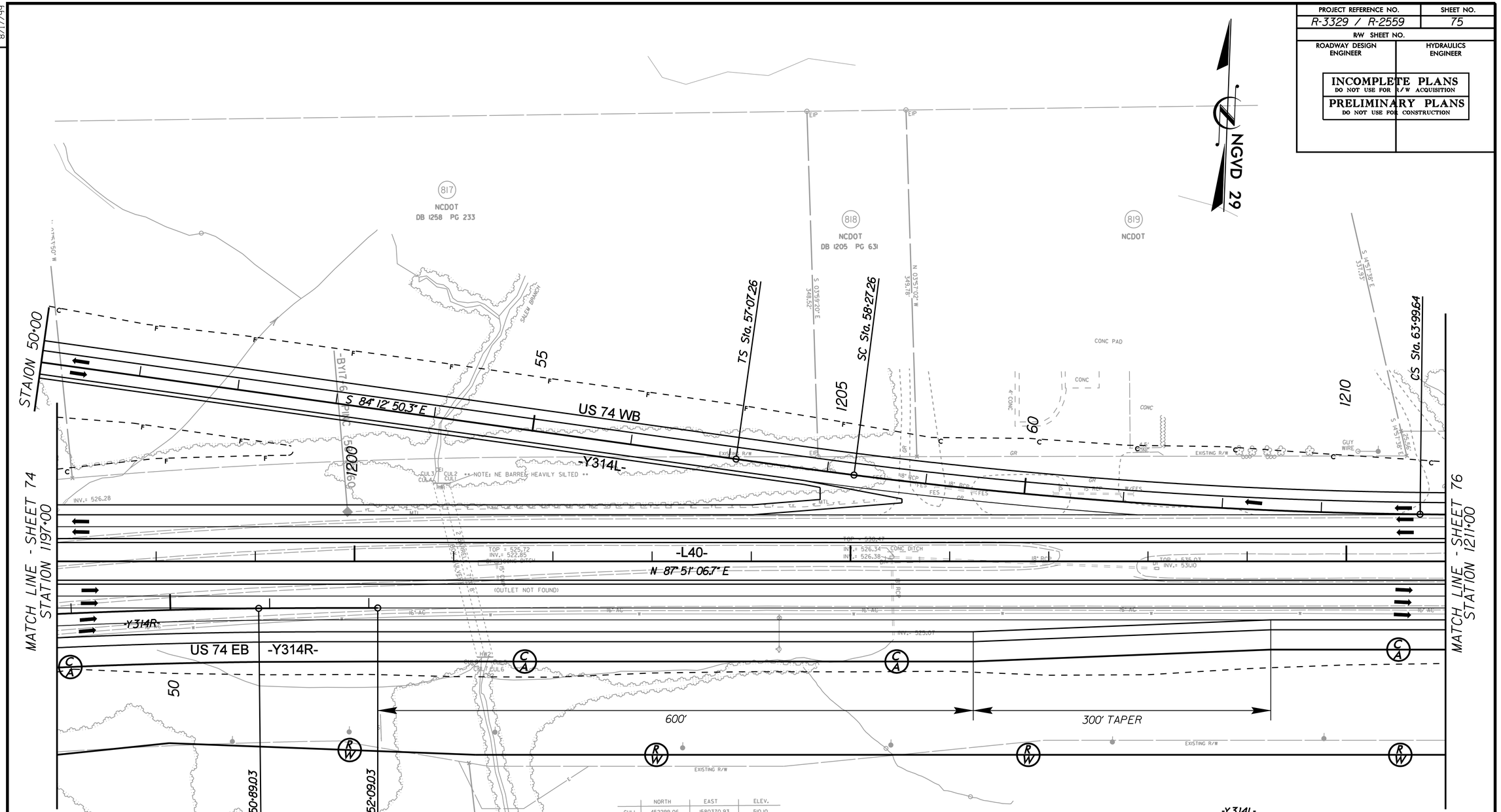
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	75
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

8/17/99

REVISIONS



	NORTH	EAST	ELEV.
CUL1	452299.06	1580370.93	510.10
CUL2	452298.85	1580362.82	508.41
CE1	452299.08	1580363.41	514.70
HW1	452298.94	1580362.47	516.63
CUL3	452298.76	1580362.09	507.73
CUL4	452298.45	1580354.26	508.37
CUL5	452125.57	1580421.37	508.71
CUL6	452125.34	1580413.86	508.52
CE2	452124.70	1580412.89	515.56
HW2	452125.165	1580413.48	517.43
CUL7	452125.217	1580412.91	508.55
CUL8	452124.83	1580405.25	508.53

-Y314L-

PIs Sta 57+87.26	PI Sta 61+13.76	PIs Sta 64+39.64
Θs = 0° 41' 15.2"	Δ = 6° 33' 32.6" (LT)	Θs = 0° 41' 15.2"
Ls = 120.00'	D = 1° 08' 45.3"	Ls = 120.00'
LT = 80.00'	L = 572.39'	LT = 80.00'
ST = 40.00'	T = 286.51'	ST = 40.00'
	R = 5,000.00'	

-Y314R-

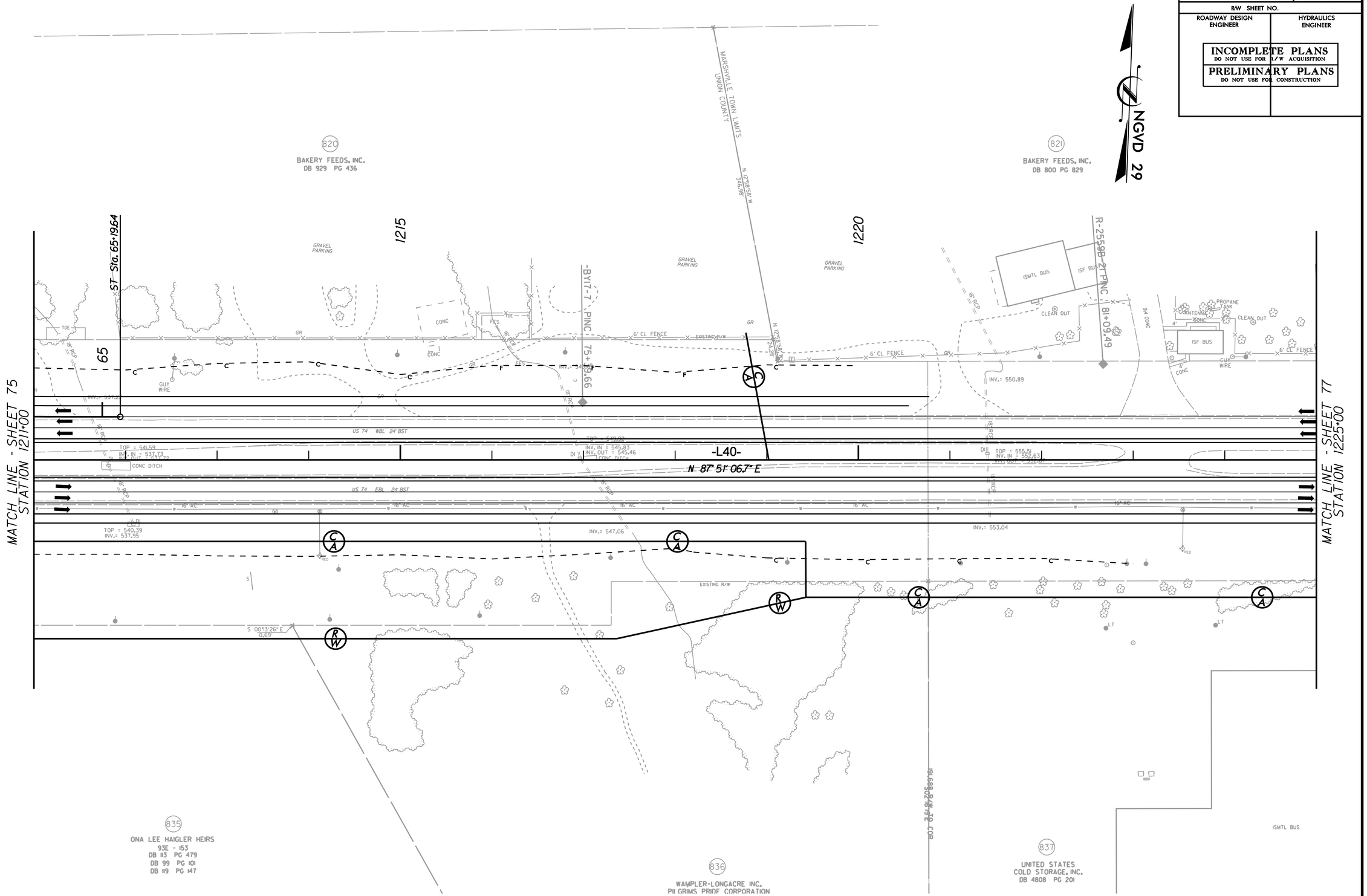
PIs Sta 45+95.76	PI Sta 48+62.51	PIs Sta 51+29.03
Θs = 0° 35' 33.8"	Δ = 4° 28' 39.5" (RT)	Θs = 0° 35' 33.8"
Ls = 120.00'	D = 0° 59' 16.3"	Ls = 120.00'
LT = 80.00'	L = 453.27'	LT = 80.00'
ST = 40.00'	T = 226.75'	ST = 40.00'
	R = 5,800.00'	

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_75.dgn
mcarter

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	76
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_76.dgn

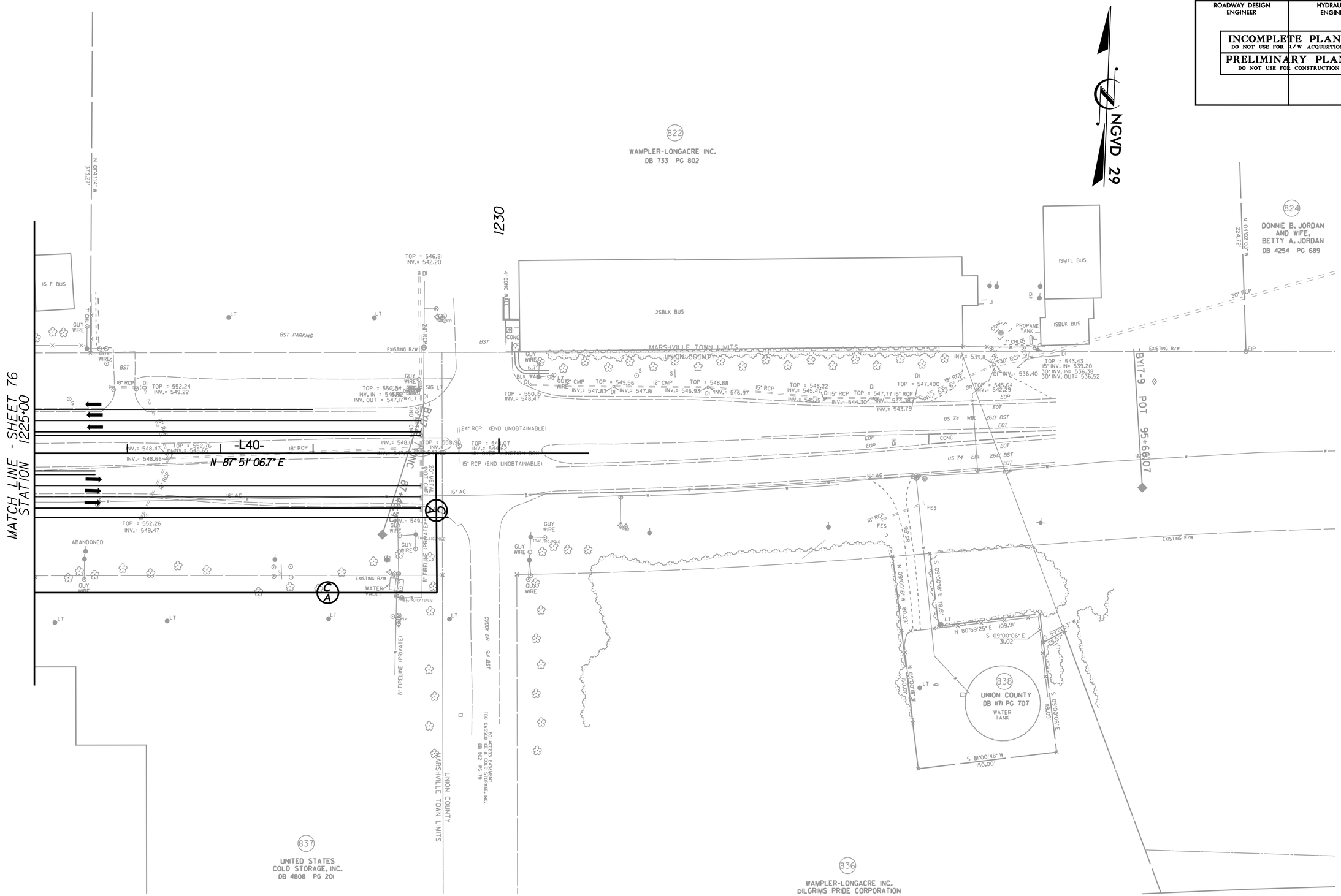
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	77
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

8/17/99

REVISIONS

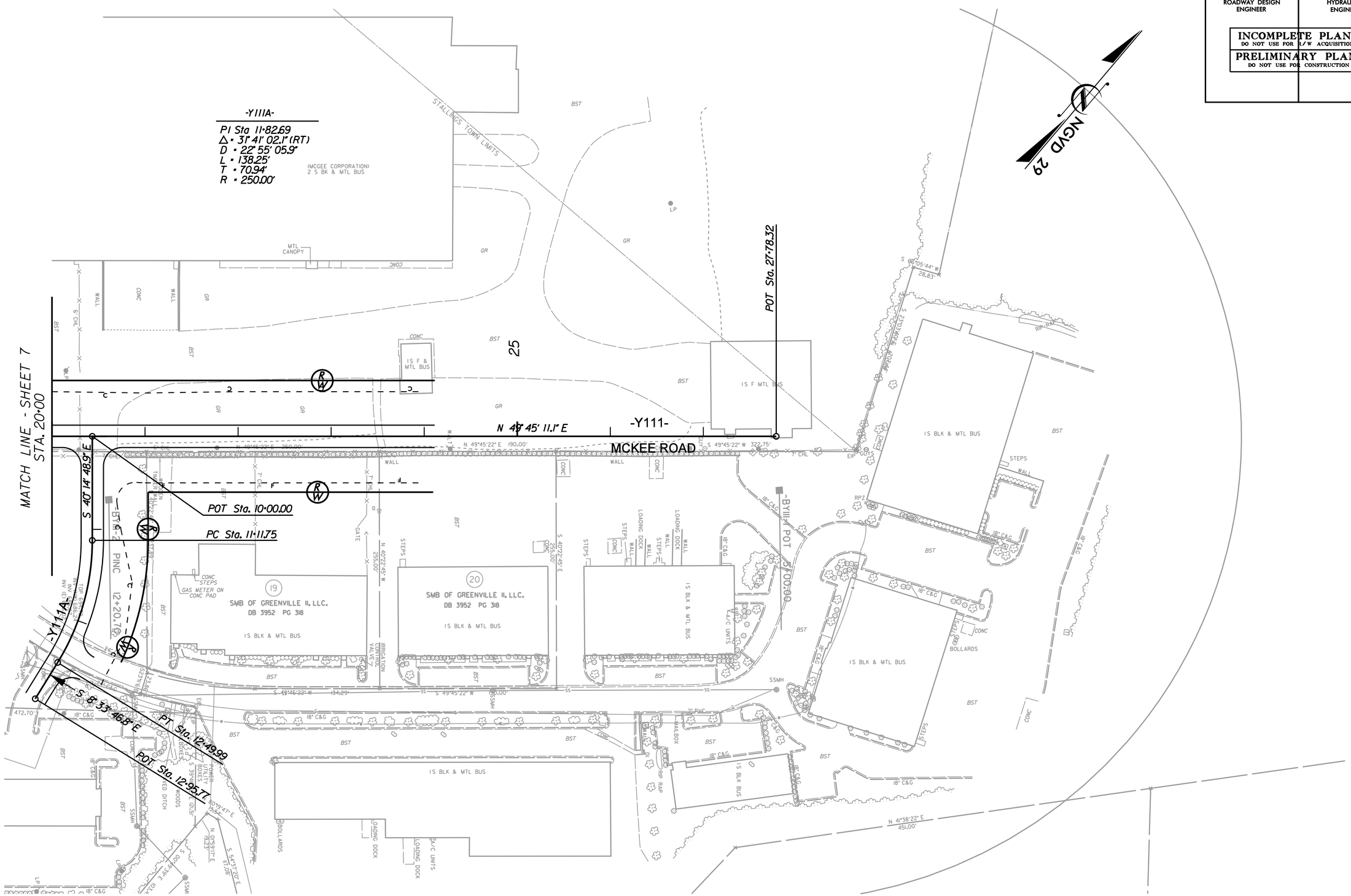


6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_77.dgn
mcarey

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	78
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

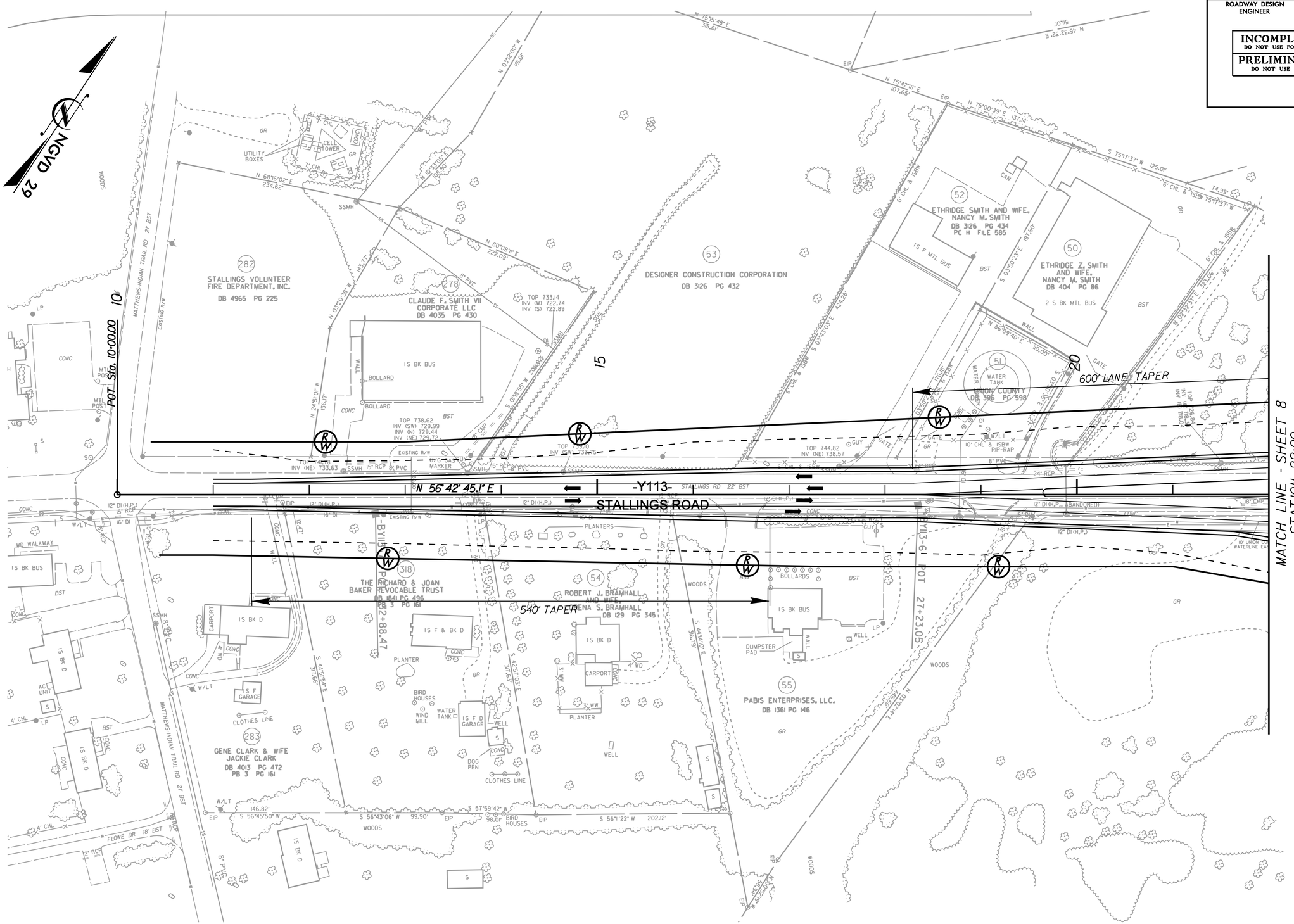
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_78.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	79
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_79.dgn

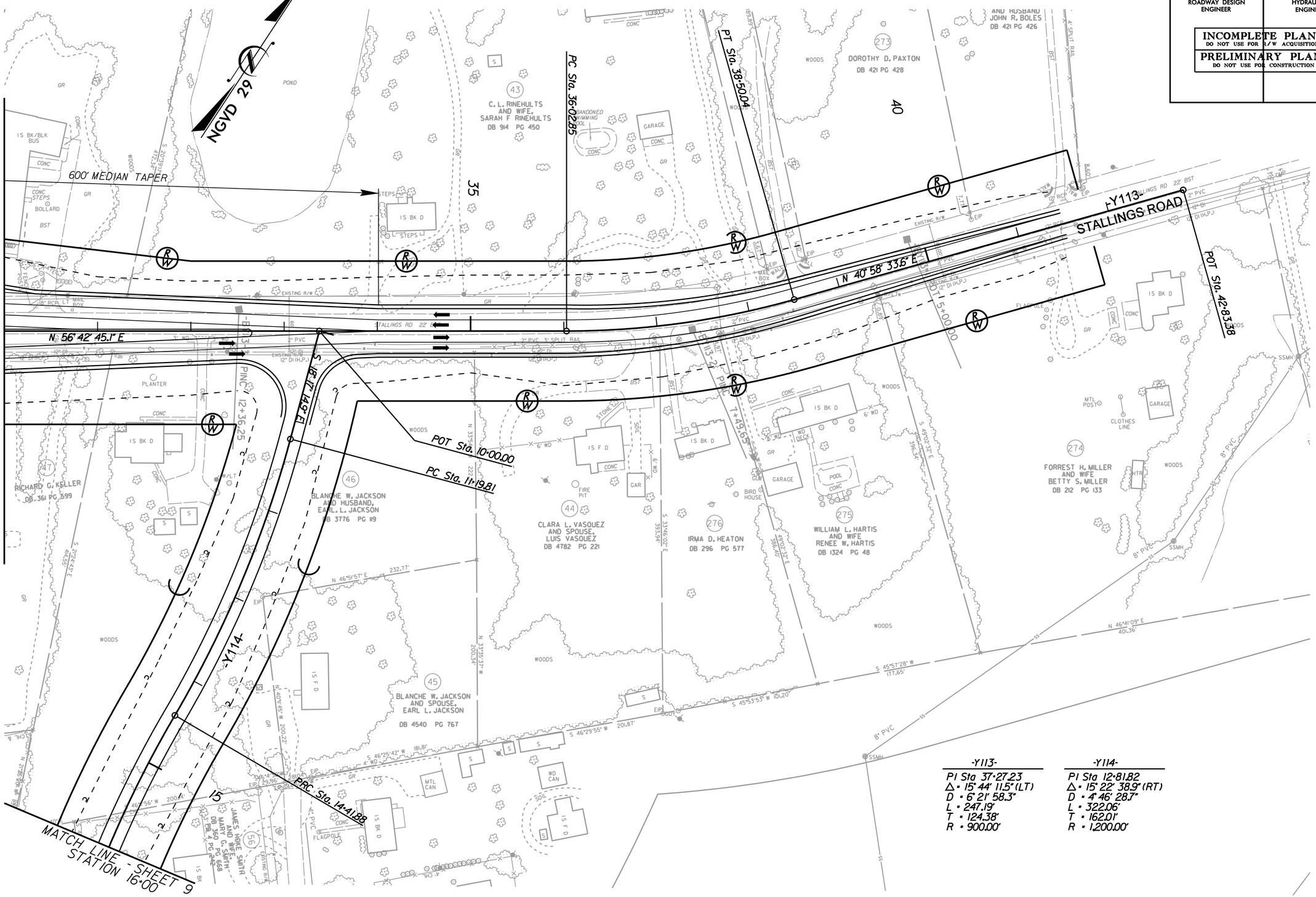
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	80
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_80.dgn

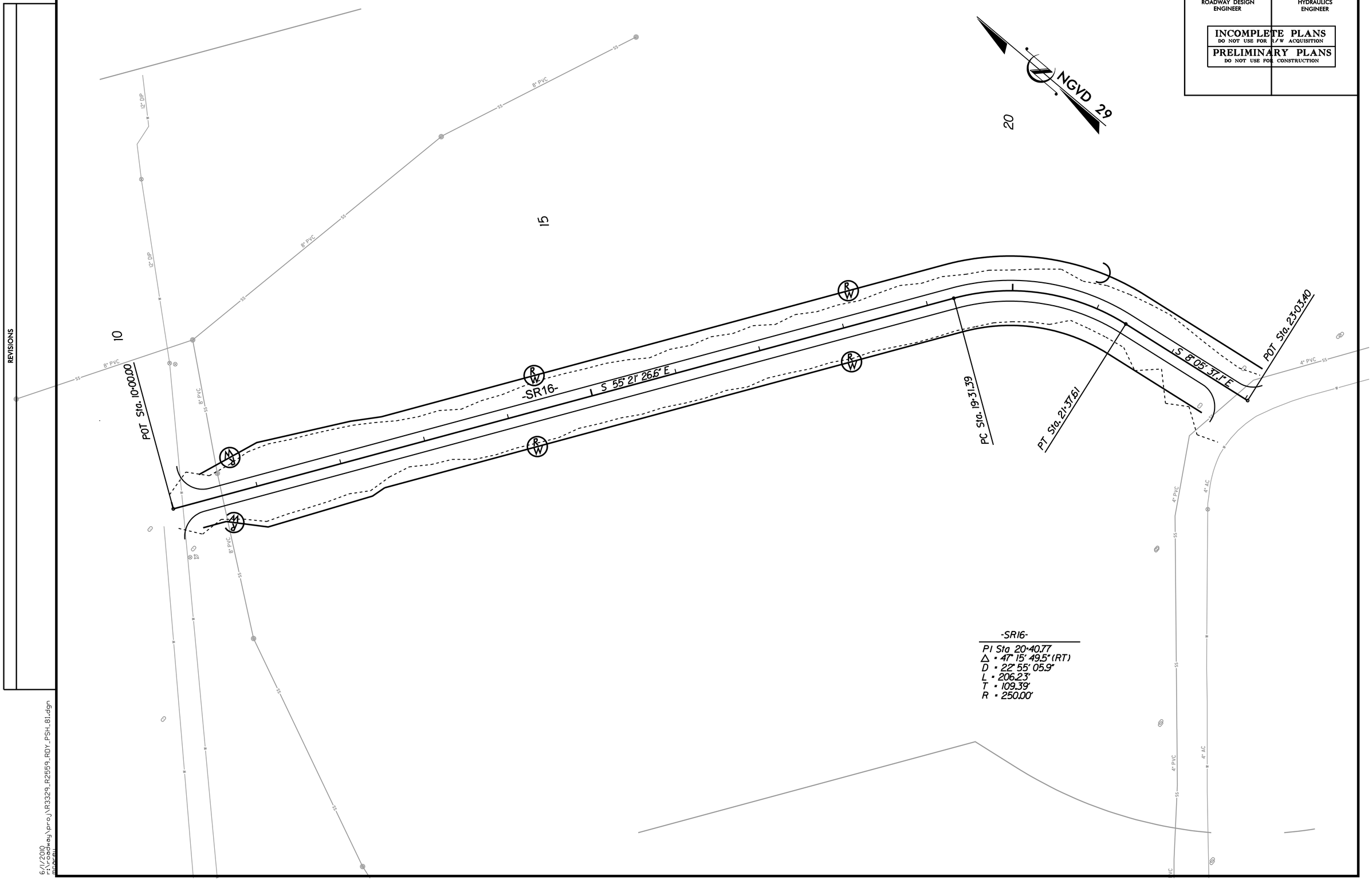
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	81
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



-SR16-

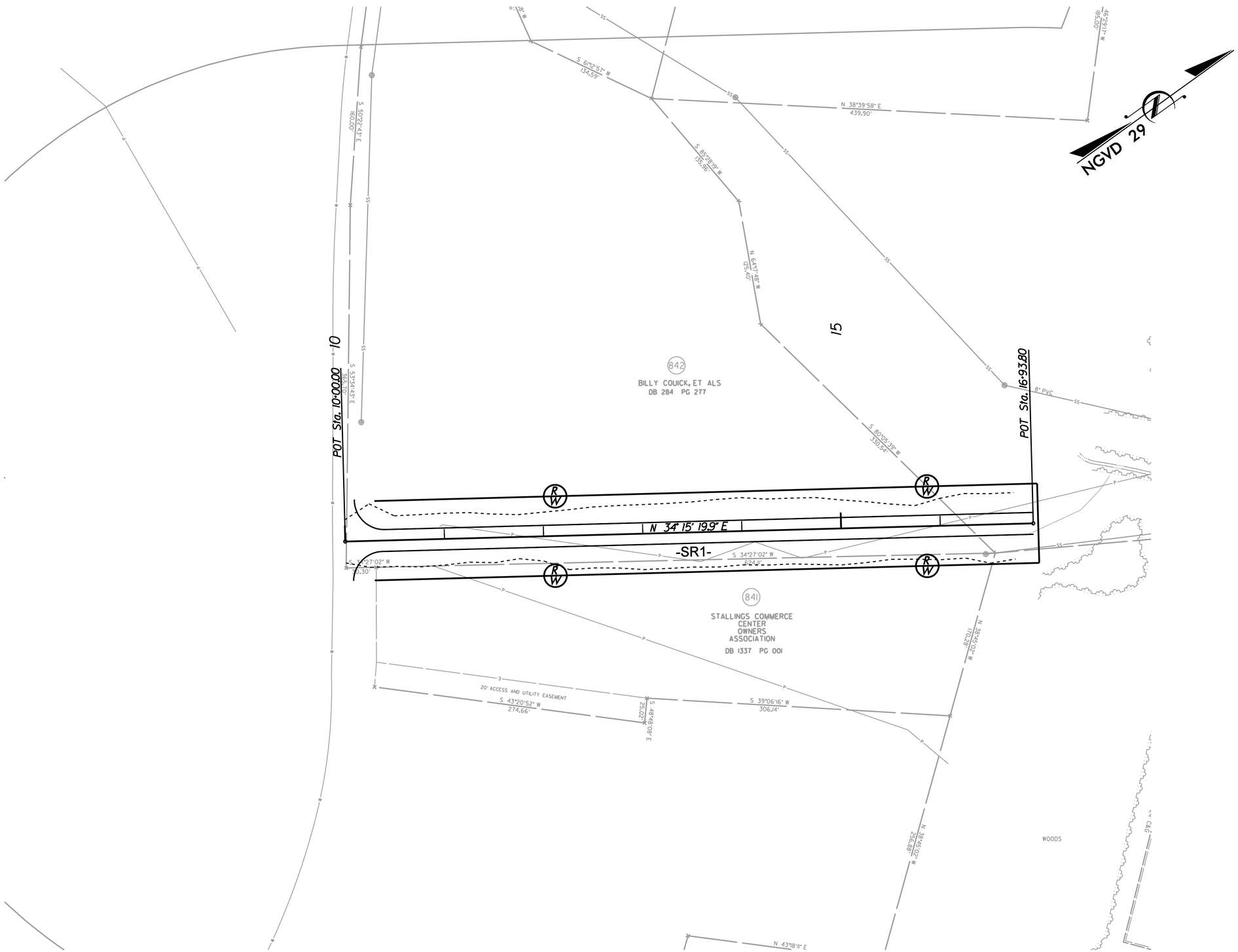
PI Sta 20+40.77
Δ = 47° 15' 49.5" (RT)
D = 22° 55' 05.9"
L = 206.23'
T = 109.39'
R = 250.00'

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_81.dgn
mcarey

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	82
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_82.dgn

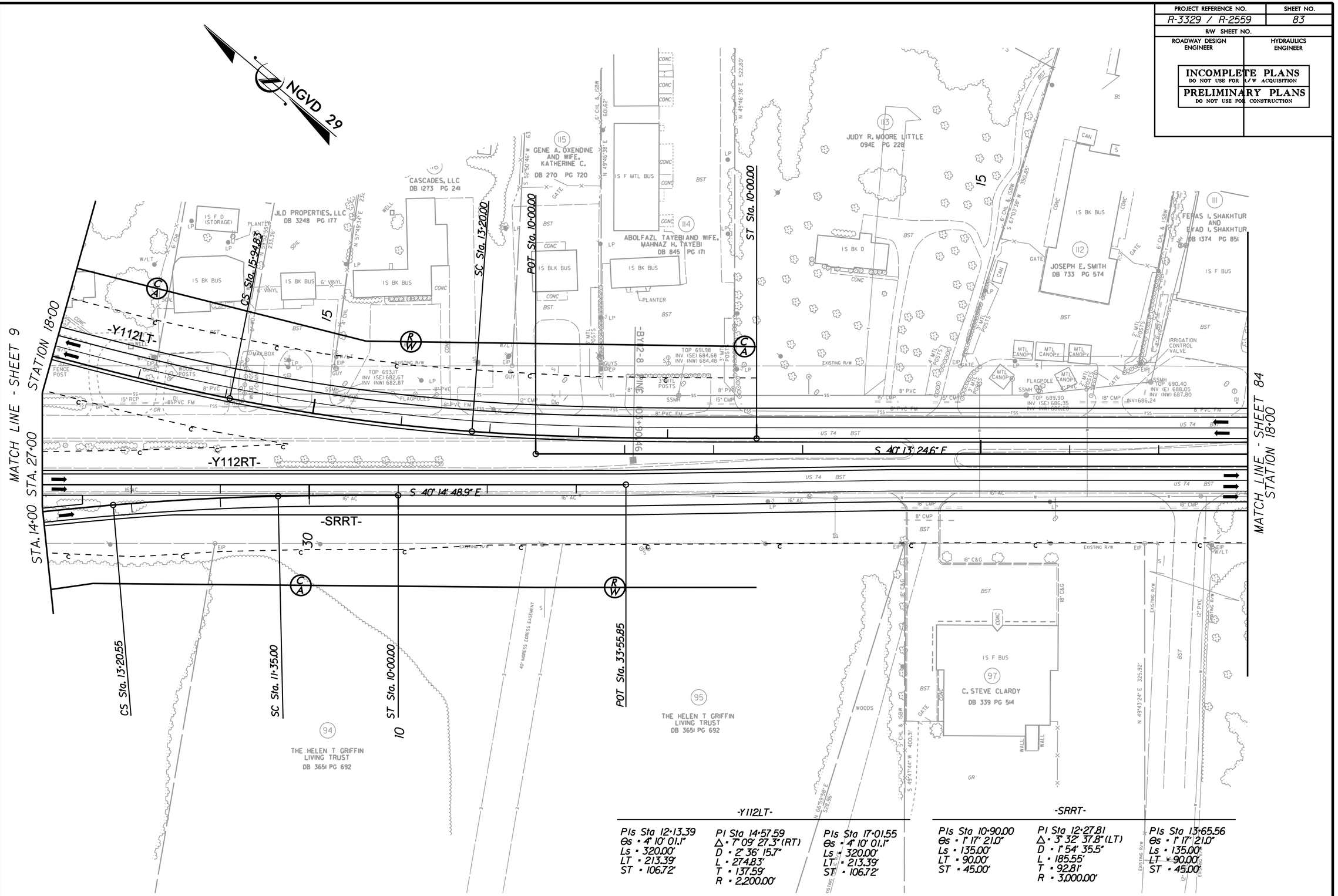
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	83
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_83.dgn

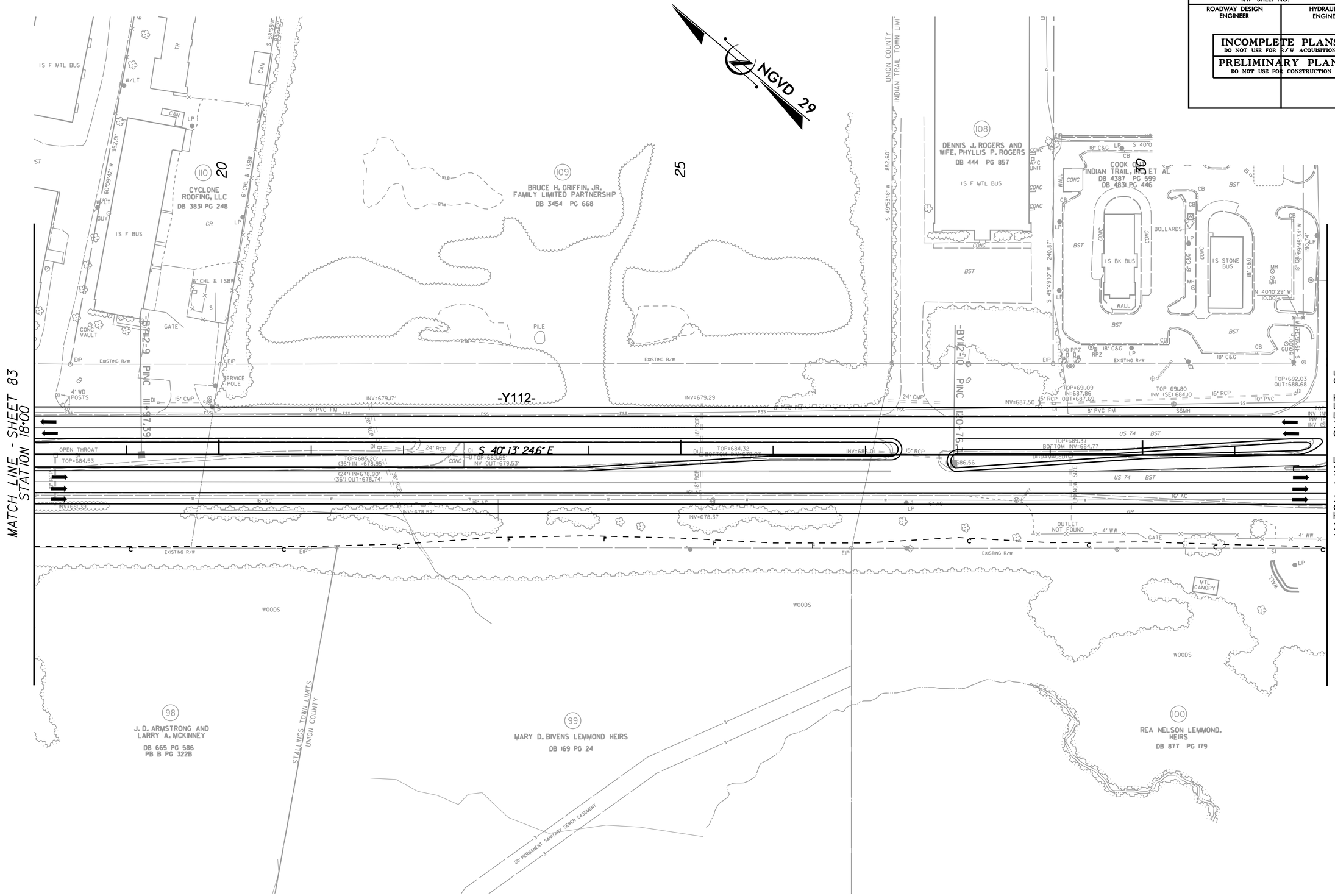
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	84
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

8/17/99

REVISIONS



6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_84.dgn

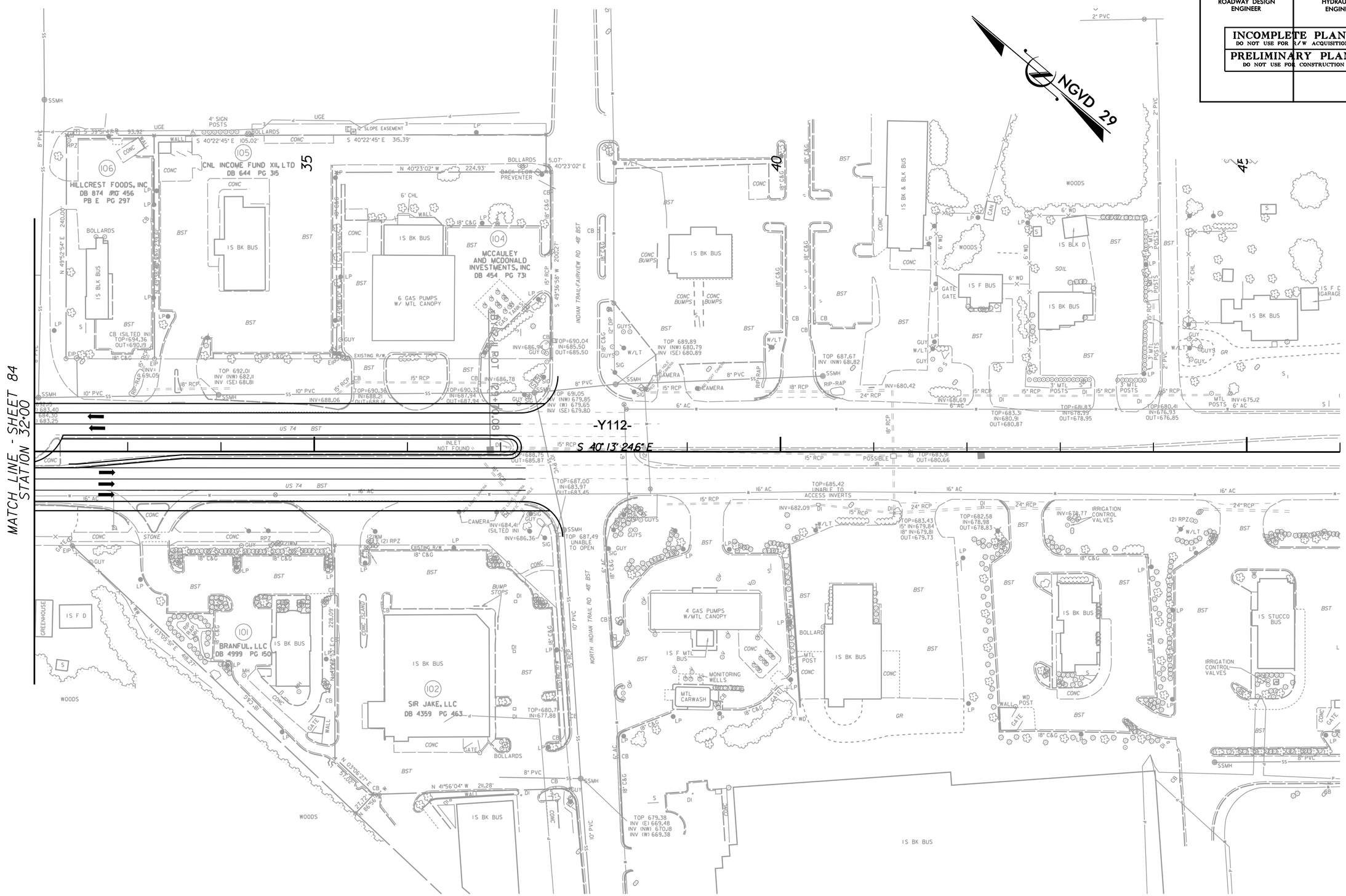
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	85
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

8/17/99

REVISIONS



6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_85.dgn

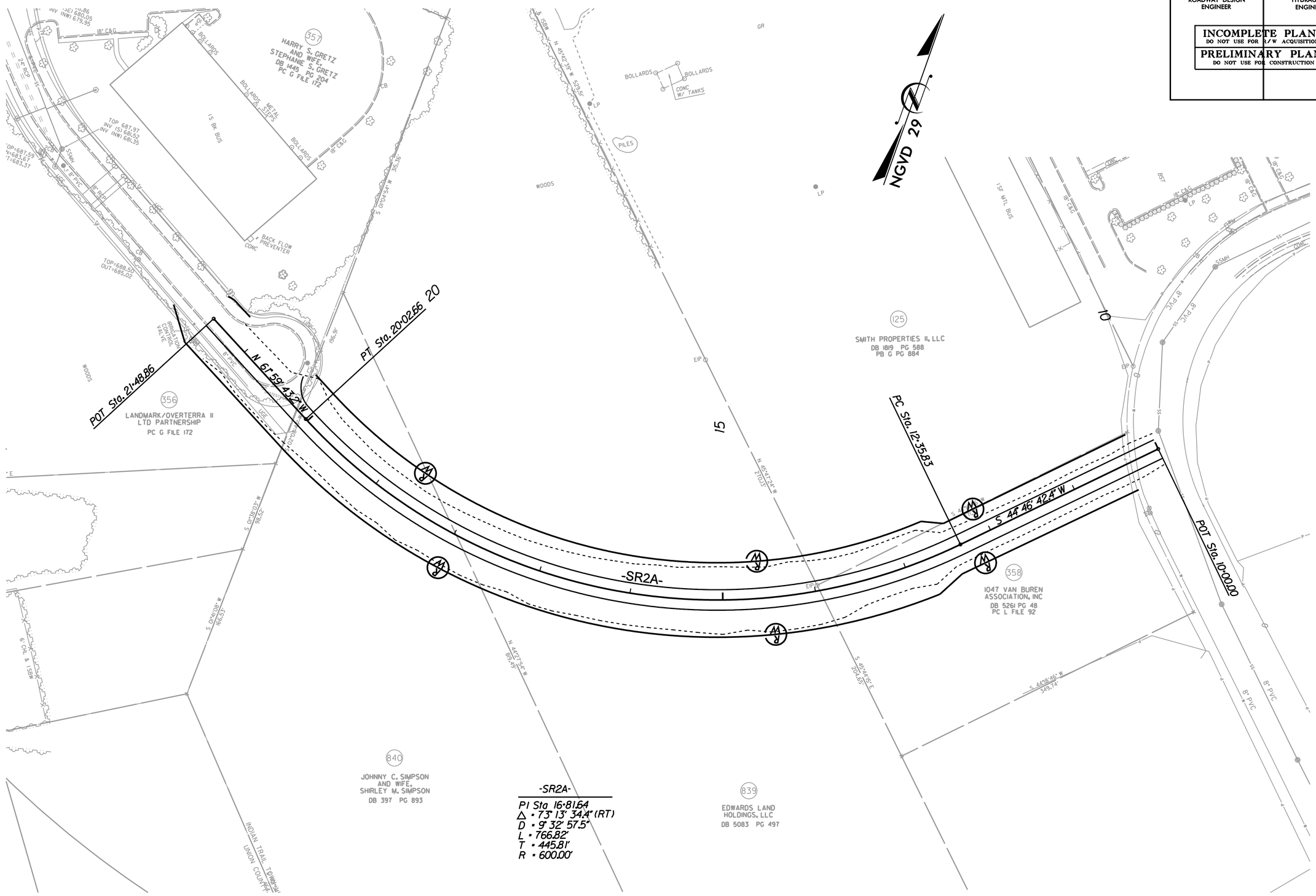
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	86
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



-SR2A-

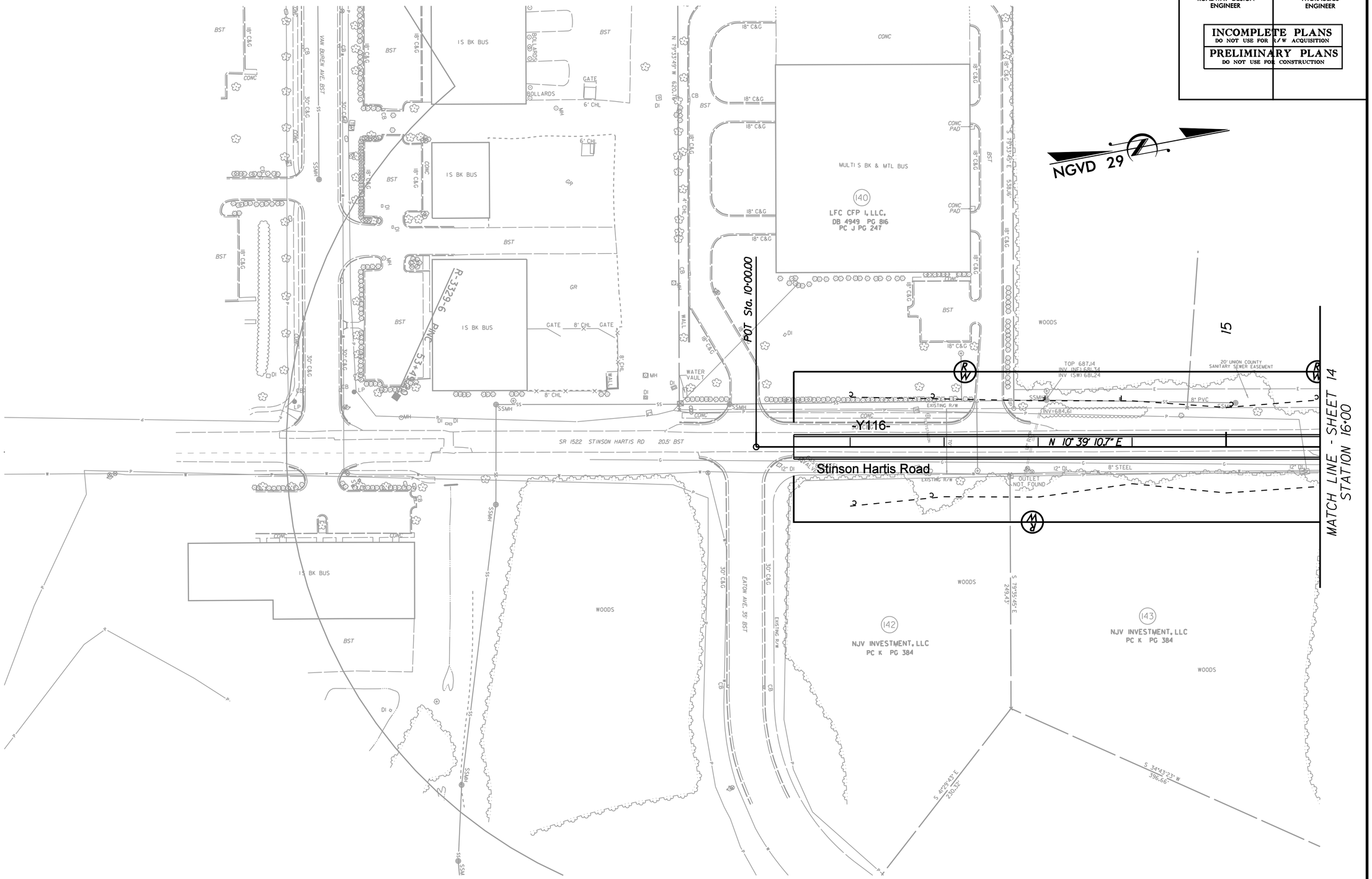
PI Sta 16+81.64
△ = 73° 13' 34.4" (RT)
D = 9° 32' 57.5"
L = 766.82'
T = 445.81'
R = 600.00'

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_86.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	87
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_87.dgn

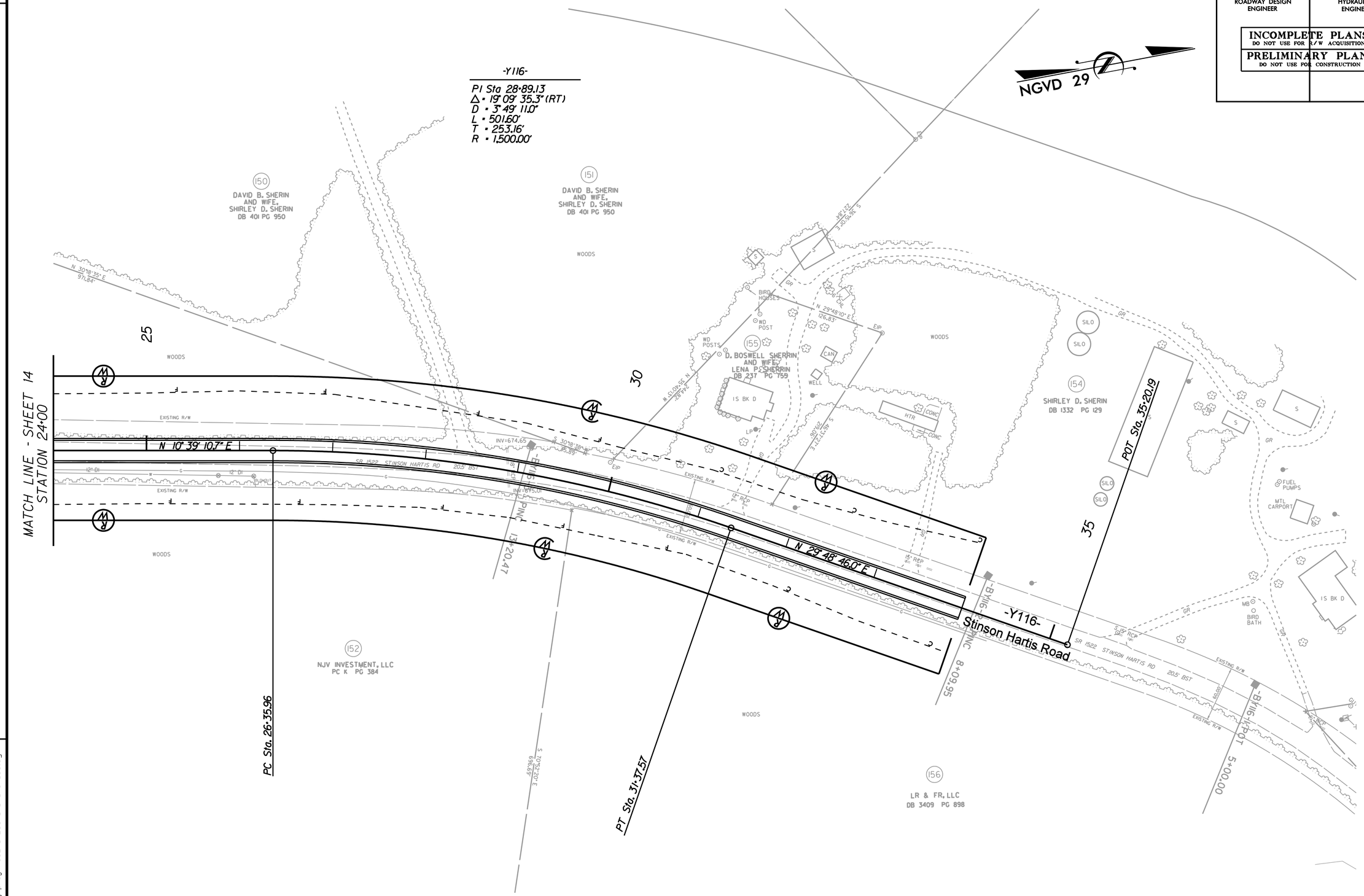
PROJECT REFERENCE NO.	SHEET NO.
R3229 - R2559	88
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

8/17/99

REVISIONS



6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_88.dgn

PROJECT REFERENCE NO.	SHEET NO.
R3329 - R2599	89
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

NGVD 29

575' MEDIAN TAPER

600' UNIFORM TAPER

-Y107- INDIAN TRAIL - FAIRVIEW ROAD

SR 1520 INDIAN TRAIL-FAIRVIEW RD 24' BST

N 56° 38' 49.9" E

PT Sta. 18+26.29

PNC 48+44.44

PNC 41+48.89

MATCH LINE - SHEET 17
STATION 32+00

158 OLD HICKORY SELF STORAGE, LLC
DB 4481 PG 485
PB J PG 831

160 LR & FR, LLC
DB 3409 PG 898

165 LR & FR, LLC
DB 3409 PG 898

160 DB 3409 PG 898
LR & FR, LLC

157 GEORGIA N. CUPP AND HUSBAND, WILLIAM D. CUPP
DB 4679 PG 13

162 BUFORD CARL ROWELL AND WIFE, MARGARET MCLAIN ROWELL
DB 189 PG 383

163 DONALD R. SIMPSON AND WIFE, MARLENE C. SIMPSON
DB 986 PG 898

164 MICKEY MONROE MCGUIRE, SR. AND WIFE, JOY CAROL MCGUIRE
DB 3982 PG 820

163 DONALD R. SIMPSON AND WIFE, MARLENE C. SIMPSON
DB 986 PG 898

166 CHARLES W. HANEY AND WIFE, SHIRLEY H. HANEY
DB 286 PG 75

167 DON BAUCOM AND WIFE, CATHERINE BAUCOM
DB 1023 PG 785

168 DON R. BAUCOM AND WIFE, CATHERINE B. BAUCOM
DB 223 PG 655

REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_89.dgn

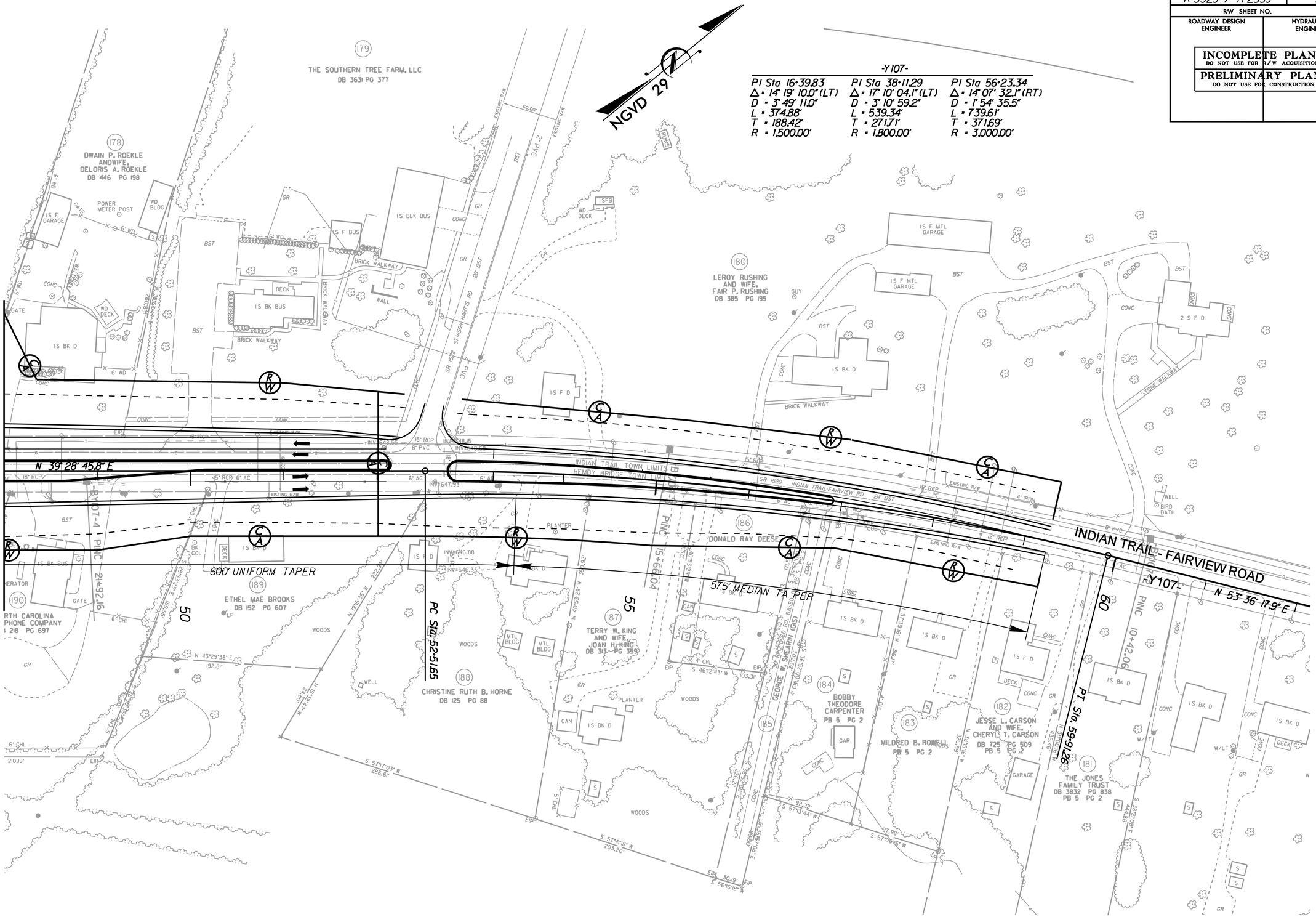
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	90
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

8/17/99

REVISIONS

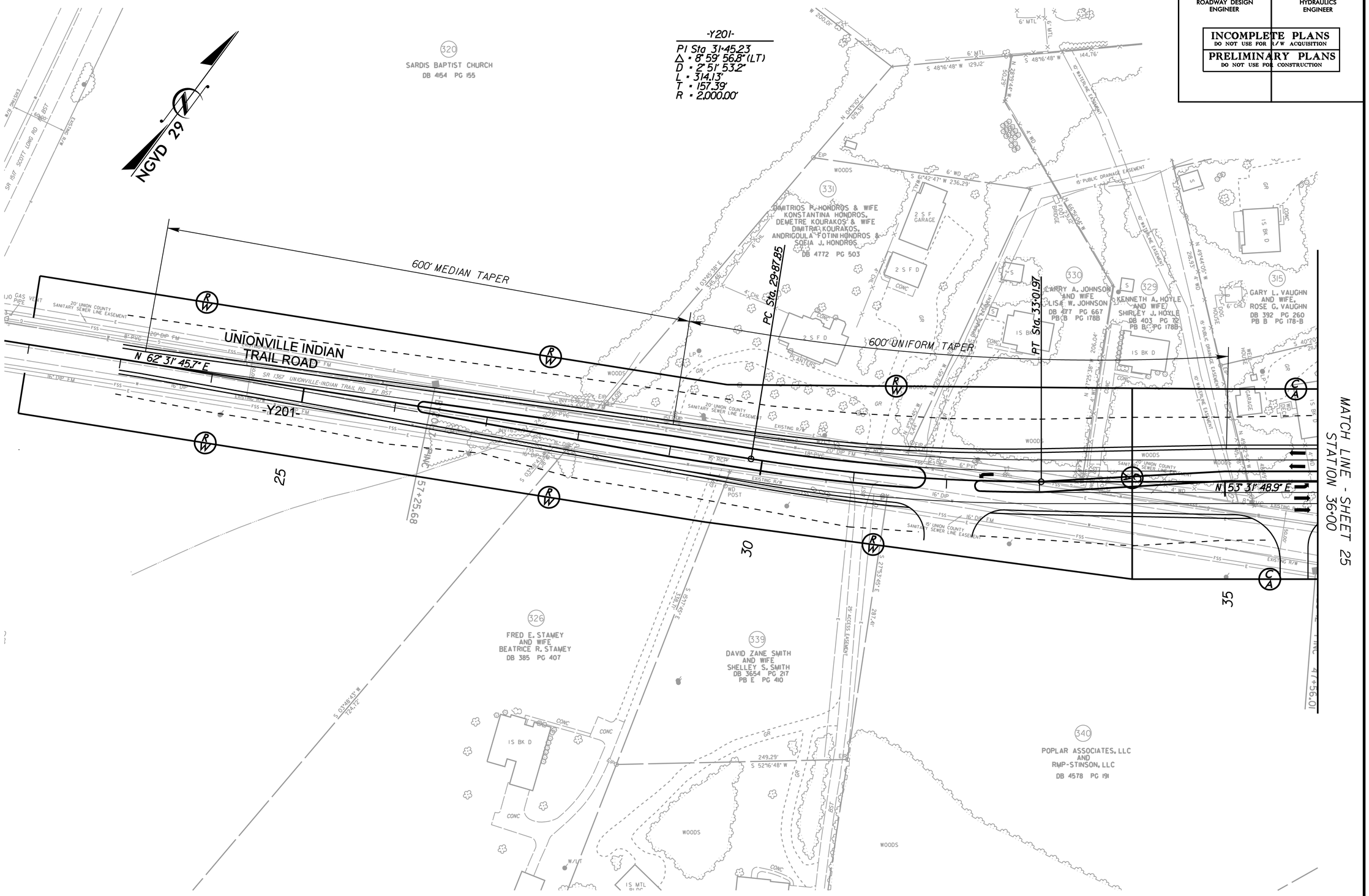


6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_90.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	91
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_91.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	92
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99

-Y201-
PI Sta 59+95.47
Δ = 66° 32' 09.2" (RT)
D = 2° 51' 53.2"
L = 2,322.54'
T = 1,312.15'
R = 2,000.00'

-SR15-
PI Sta 12+35.21
Δ = 24° 32' 19.1" (RT)
D = 5° 43' 46.5"
L = 428.28'
T = 217.47'
R = 1,000.00'

NGVD 29

MATCH LINE - SHEET 94
STATION 13+00

MATCH LINE - SHEET 25
STATION 50+00

MATCH LINE - SHEET 93
STATION 63+00

UNIONVILLE INDIAN TRAIL ROAD

-Y201-

-SR15-

POT Sta. 10+00.00
POC Sta. 51+06.06

PC Sta. 10+17.73
N 1° 41' 28.4" E

600' UNIFORM TAPER

575' MEDIAN TAPER

PINC 24+66.05

PINC 29+13.29

301 MARSHALL C. FENDER AND WIFE, BEVERLY K. FENDER DB 4331 PG 833

298 SHELIA P. WITMORE AND HUSBAND, JESSE J. WITMORE DB 489 PG 327

295 RANDY P. KIKER AND WIFE, JANINE M. KIKER DB 322 PG 681

300 BOBBY E. MOORE, JR. AND WIFE, ANITA G. MOORE DB 562 PG 748

294 CYNTHIA O. MARTIN DB 999 PG 915

293 JOSEPH TIMOTHY EASON DB 5261 PG 403

292 MARLENE EASON MATHESON DB 737 PG 748

302 TIMOTHY D. BRASWELL AND WIFE, BARBARA J. BRASWELL DB 4687 PG 773

299 THOMAS W. STINSON AND WIFE, MARIE H. STINSON DB 261 PG 38 PB 7 PG 36

296 JERRY W. ALEXANDER AND WIFE, MARY FRANCES L. ALEXANDER DB 240 PG 481

347 JERRY WELCH ALEXANDER AND WIFE, MARY FRANCES ALEXANDER DB 669 PG 697 DB 5188 PG 572

297 REECE EDWARD ALEXANDER DB 5188 PG 574

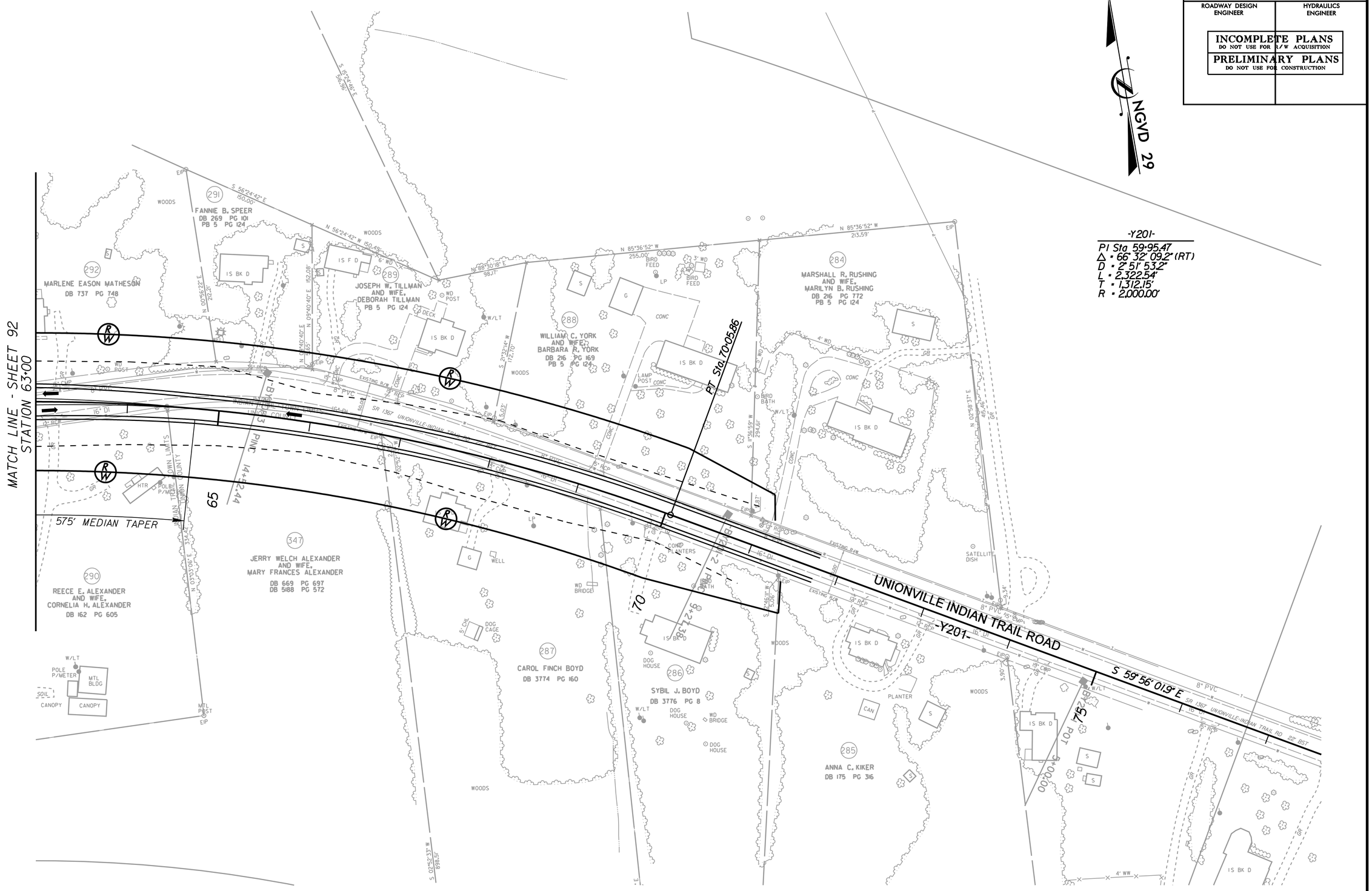
INDIAN TRAIL TOWN LIMITS
UNION COUNTY

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_92.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	93
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_93.dgn
mrapp1

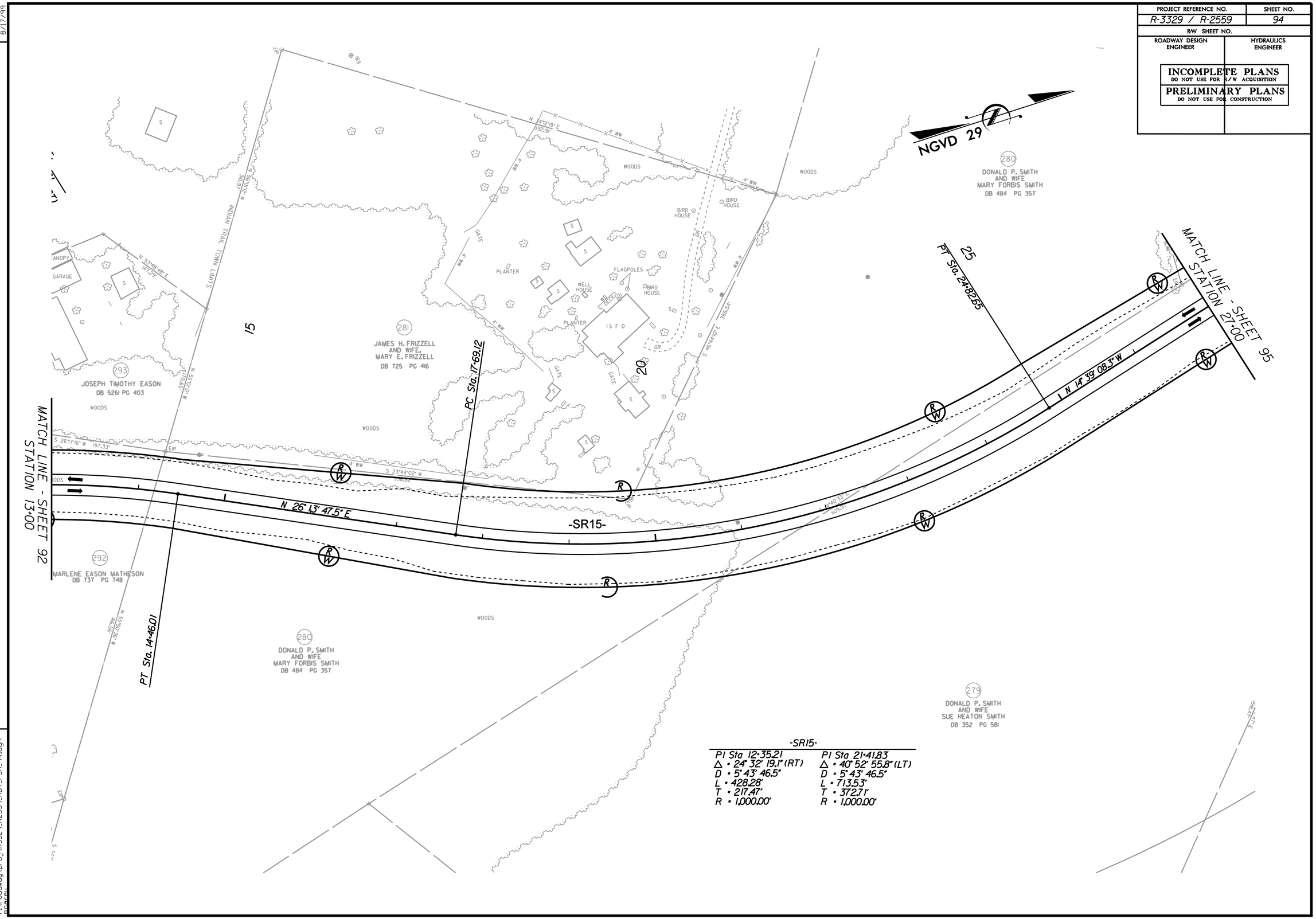
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	94
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



-SR15-

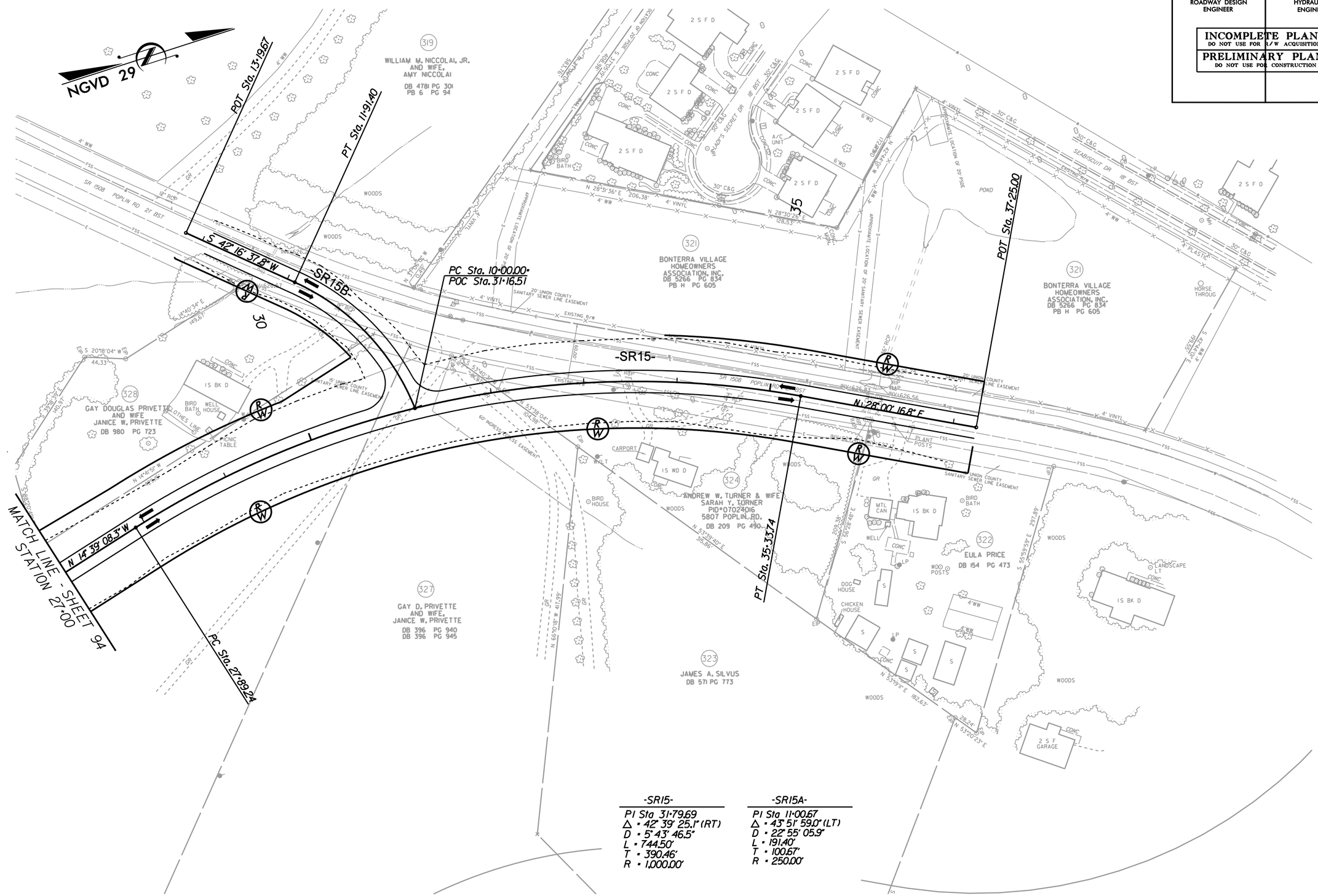
PI Sta 12+35.21	PI Sta 21+41.83
Δ = 24° 32' 19.1" (RT)	Δ = 40° 52' 55.8" (LT)
D = 5° 43' 46.5"	D = 5° 43' 46.5"
L = 428.28'	L = 713.53'
T = 217.47'	T = 372.71'
R = 1,000.00'	R = 1,000.00'

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_94.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	95
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



-SR15-
PI Sta 31+79.69
Δ = 42° 39' 25.1" (RT)
D = 5° 43' 46.5"
L = 744.50'
T = 390.46'
R = 1,000.00'

-SR15A-
PI Sta 11+00.67
Δ = 43° 51' 59.0" (LT)
D = 22° 55' 05.9"
L = 191.40'
T = 100.67'
R = 250.00'

REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_95.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	96
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99

NGVD 29

-Y204-

PI Sta 112+41.08
Δ = 4° 25' 35.6" (RT)
D = 0° 42' 58.3"
L = 618.07'
T = 309.19'
R = 8,000.00'

PI Sta 125+12.18
Δ = 37° 10' 10.4" (LT)
D = 3° 49' 11.0"
L = 973.10'
T = 504.36'
R = 1,500.00'

394 VIRGINIA M. TYSON
DB 1299 PG 46
PB C PG 361

393 B. IVAN SECREST
DB 358 PG 630

392 B. IVAN SECREST
DB 358 PG 630

391 W. N. JARMAN AND WIFE, JEANETTE B. JARMAN
DB 190 PG 42

390 KIM D. KILLET
DB 4728 PG 478

398 IRON PEDDLERS II, LLC
DB 4576 PG 458

399 IRON PEDDLERS II, LLC
DB 4576 PG 461

397 DECOY TRUCKING, INC.
DB 412 PG 196

396 DECOY TRUCKING, INC
DB 416 PG 517
PB G PG 36

400 DECORATIVE CREATIONS, INC.
DB 1277 PG 627

MATCH LINE - SHEET 30

580' LANE TAPER

POT Sta. 10+00.00-
POT Sta. 117+40.23

PC Sta. 120+07.81

PT Sta. 115+49.96

115

120

Rocky River Road
-Y204-

N 20° 54' 12.4" E

S 69° 05' 47.6" E

PC Sta. 10+64.18

N 16° 39' 02.0" E

-SR8-

PT Sta. 11+87.56

POT Sta. 16+89.14

-SR8-
PI Sta 11+44.97
Δ = 94° 15' 10.4" (LT)
D = 76° 23' 39.7"
L = 123.38'
T = 80.78'
R = 75.00'

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_96.dgn

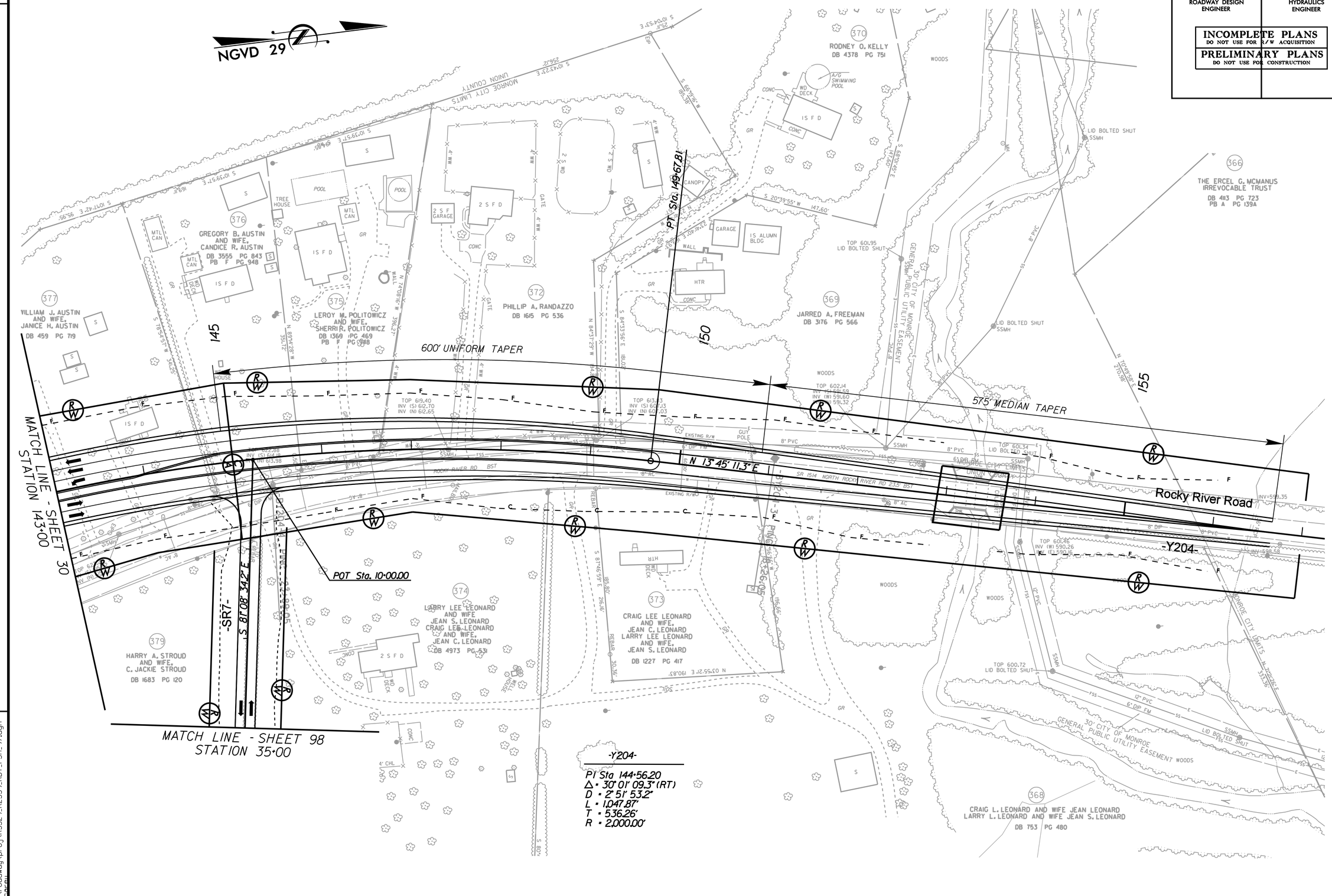
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	97
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99

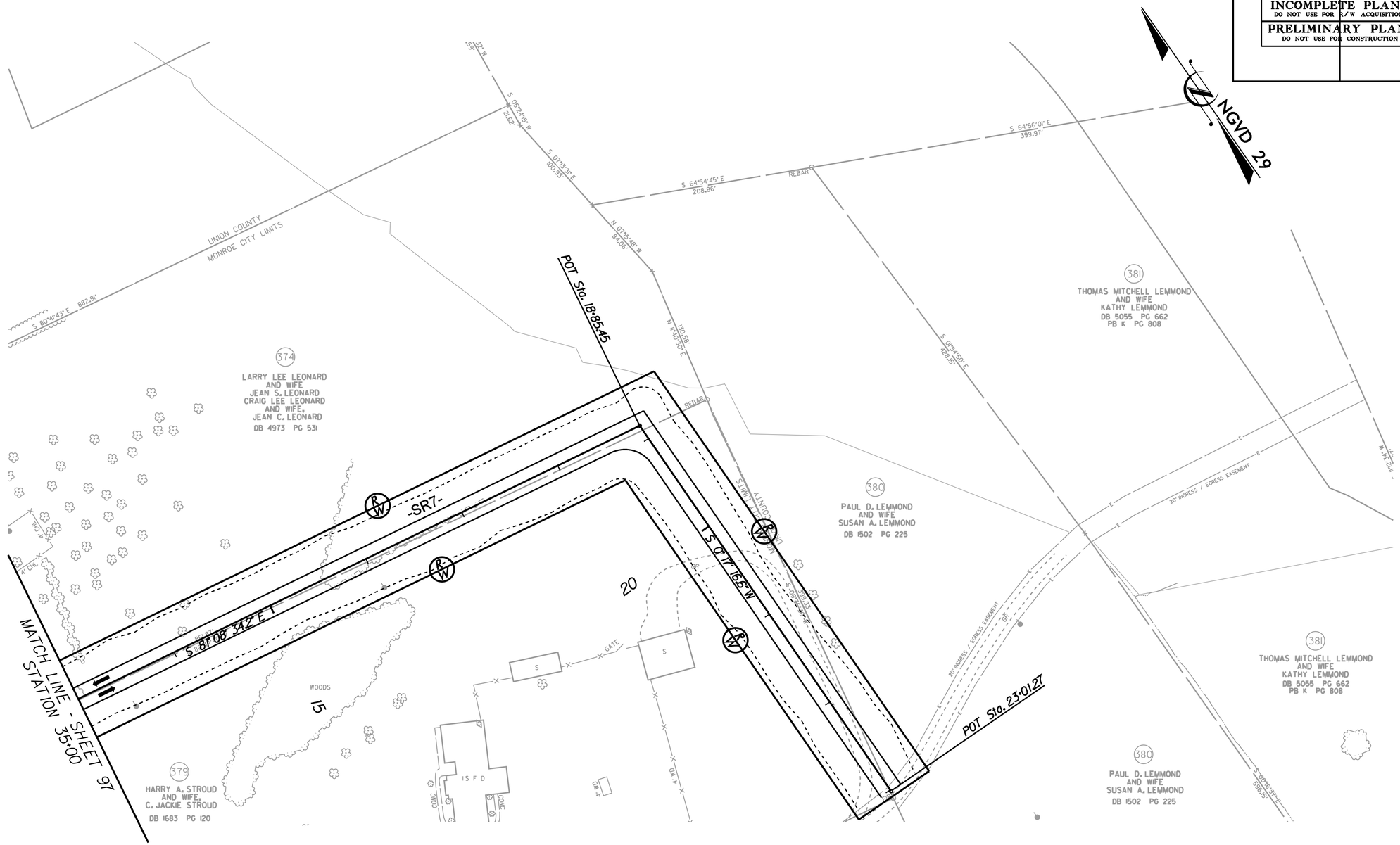


6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_97.dgn
mpozat

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	98
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

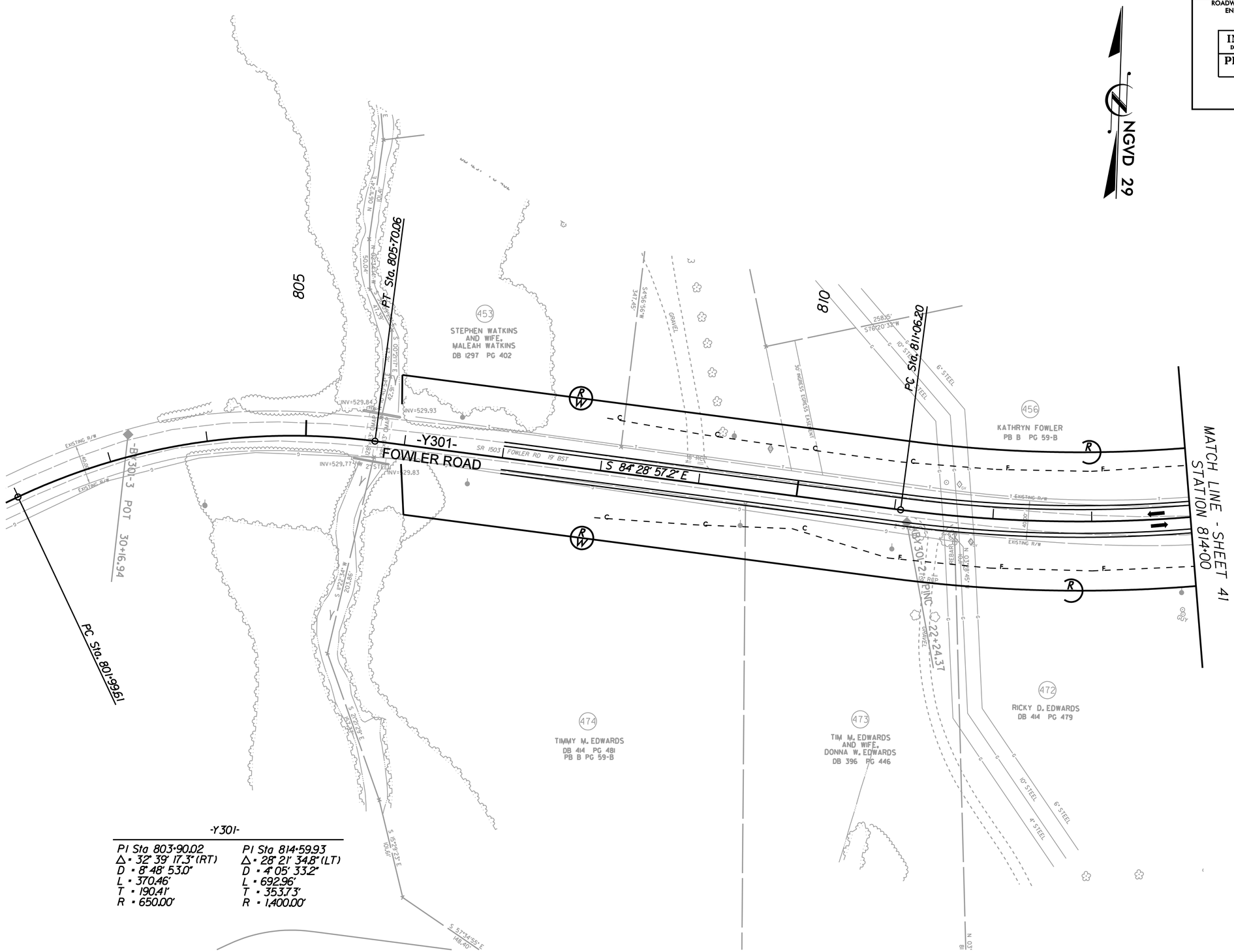
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_98.dgn
mcarr

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	99
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



-Y301-

PI Sta 803+90.02	PI Sta 814+59.93
Δ = 32° 39' 17.3" (RT)	Δ = 28° 21' 34.8" (LT)
D = 8° 48' 53.0"	D = 4° 05' 33.2"
L = 370.46'	L = 692.96'
T = 190.41'	T = 353.73'
R = 650.00'	R = 1,400.00'

REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_99.dgn

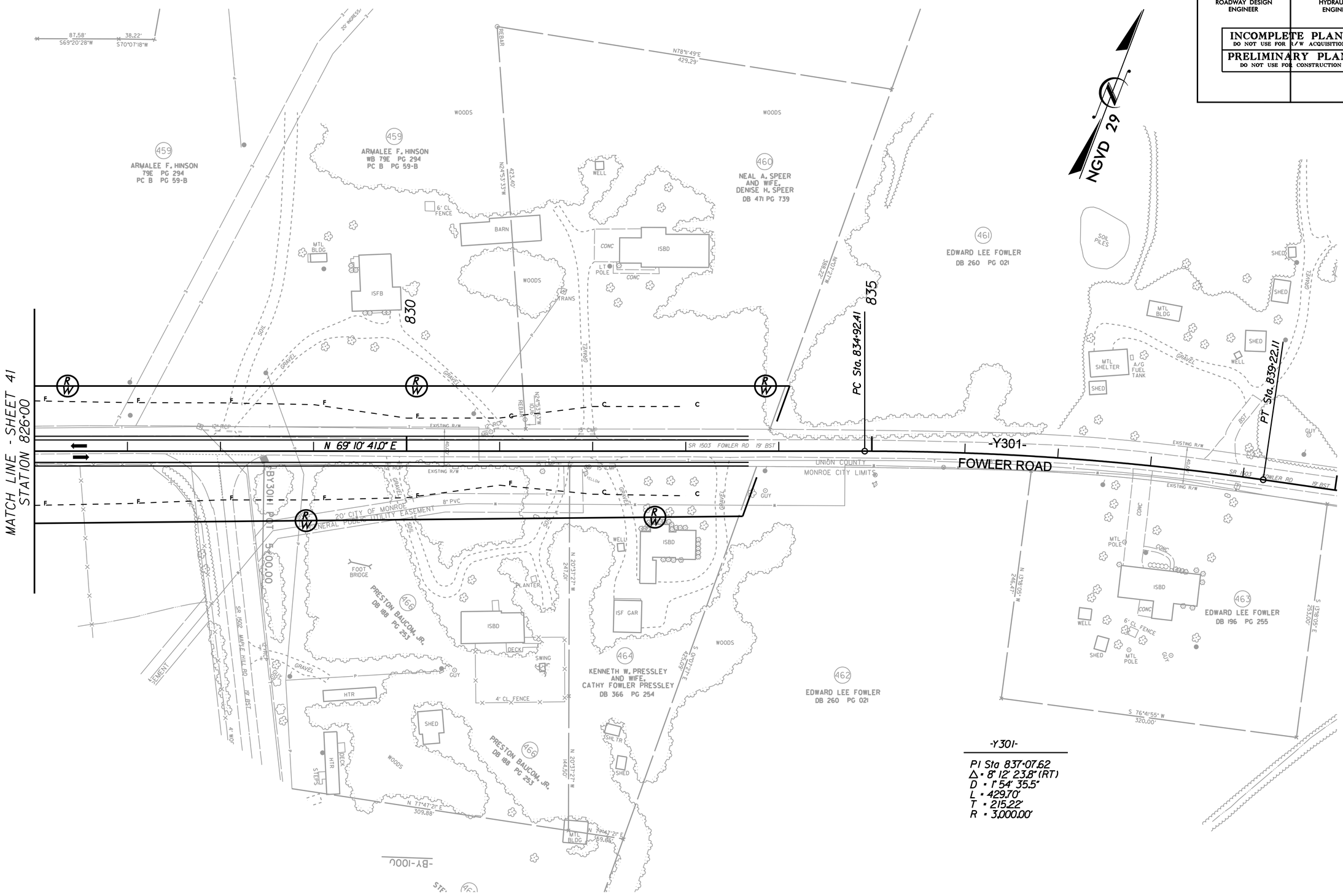
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	100
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_100.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	101
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

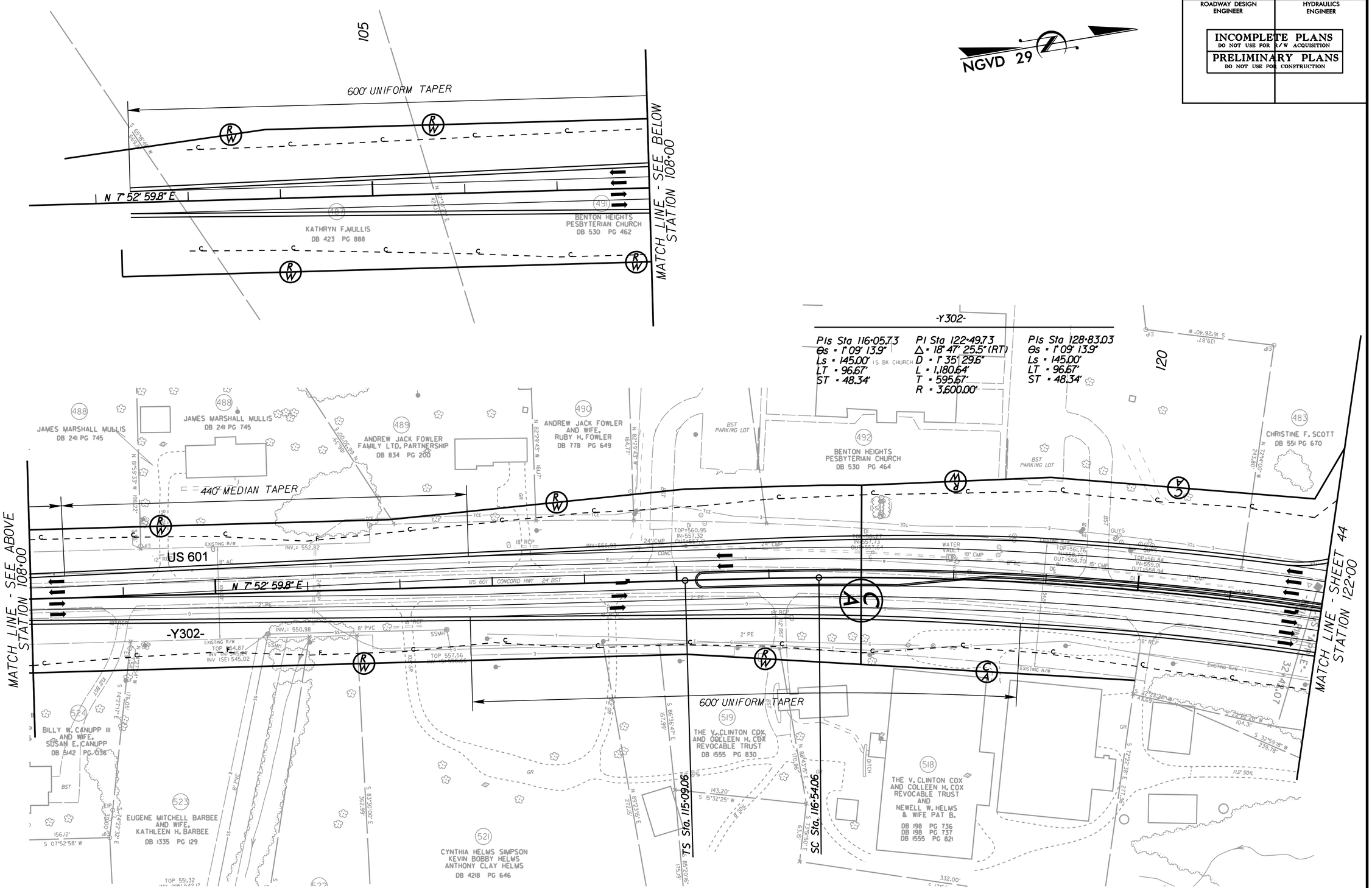
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

NGVD 29

8/17/99

REVISIONS



6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_101.dgn

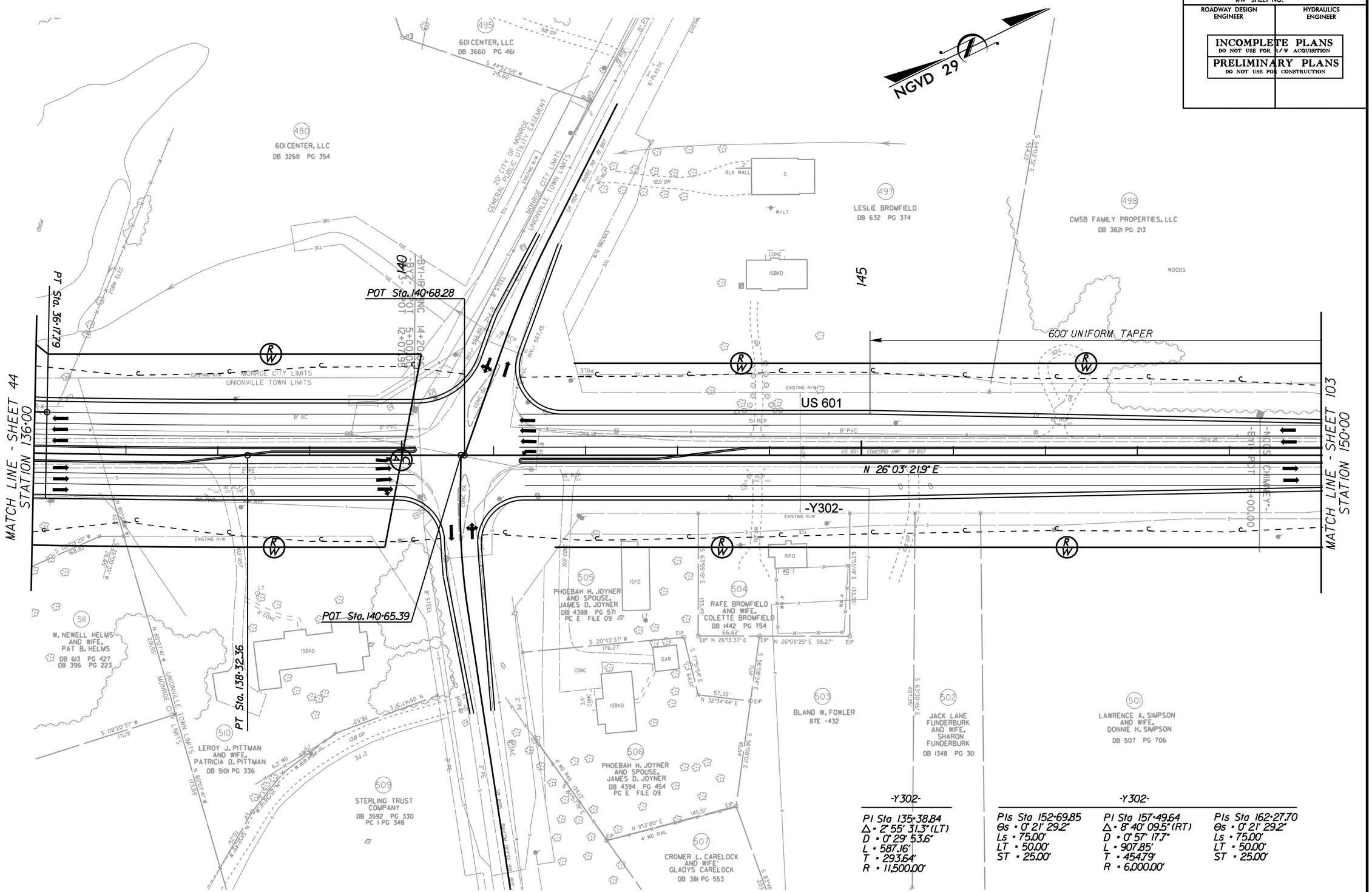
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	102
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



-Y302-

PI Sta 135+38.84
Δ = 2° 55' 31.3" (LT)
D = 0° 29' 53.6"
L = 587.16'
T = 293.64'
R = 11,500.00'

-Y302-

PIs Sta 152+69.85	PI Sta 157+49.64	PIs Sta 162+27.70
θs = 0° 21' 29.2"	Δ = 8° 40' 09.5" (RT)	θs = 0° 21' 29.2"
Ls = 75.00'	D = 0° 57' 17.7"	Ls = 75.00'
LT = 50.00'	L = 907.85'	LT = 50.00'
ST = 25.00'	T = 454.79'	ST = 25.00'
	R = 6,000.00'	

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_102.dgn
mcarr

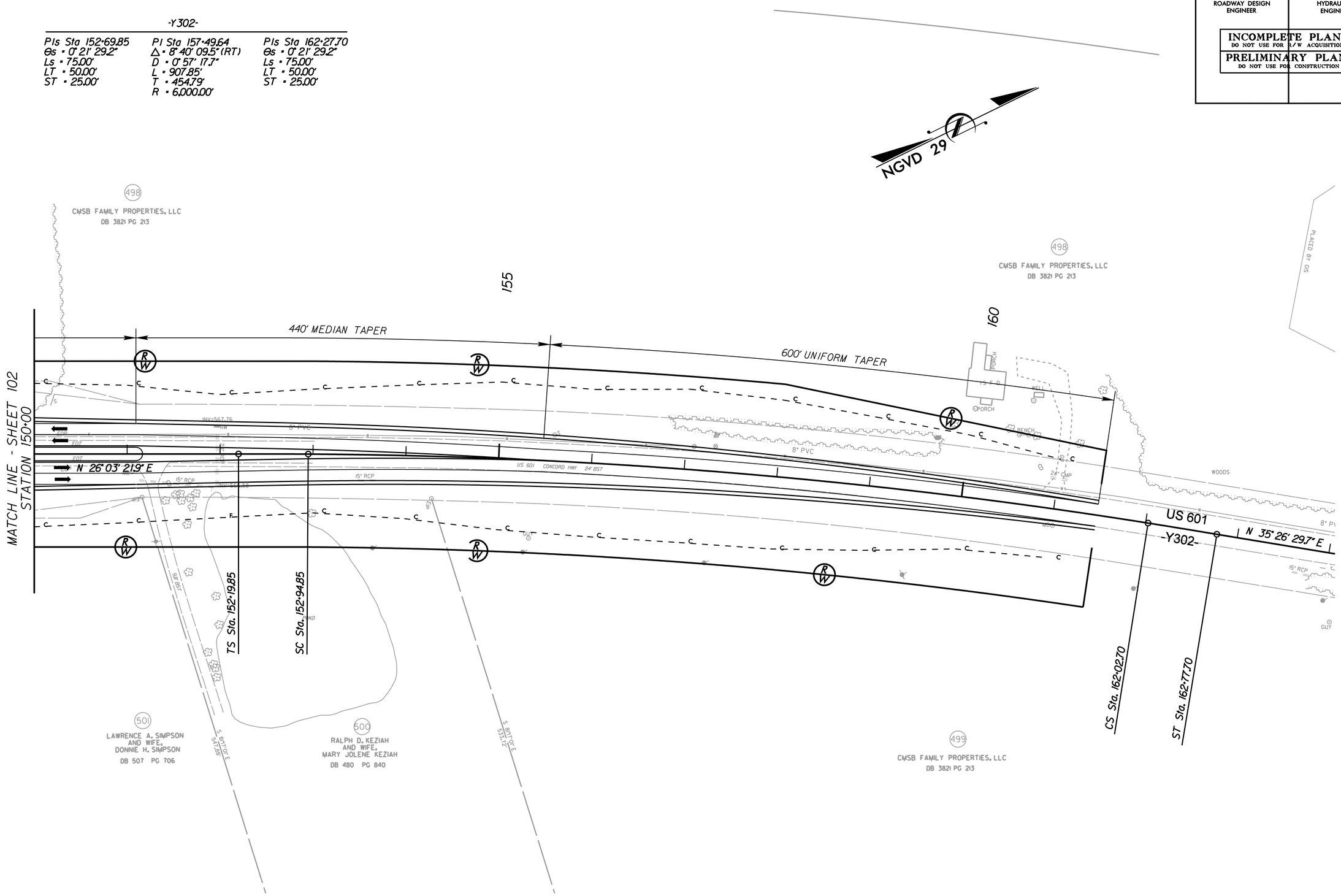
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	103
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

-Y302-

PIs Sta 152+69.85	PI Sta 157+49.64	PIs Sta 162+27.70
θs = 0° 21' 29.2"	Δ = 8° 40' 09.5" (RT)	θs = 0° 21' 29.2"
Ls = 75.00'	D = 0° 57' 17.7"	Ls = 75.00'
LT = 50.00'	L = 907.85'	LT = 50.00'
ST = 25.00'	T = 454.79'	ST = 25.00'
	R = 6,000.00'	



REVISIONS

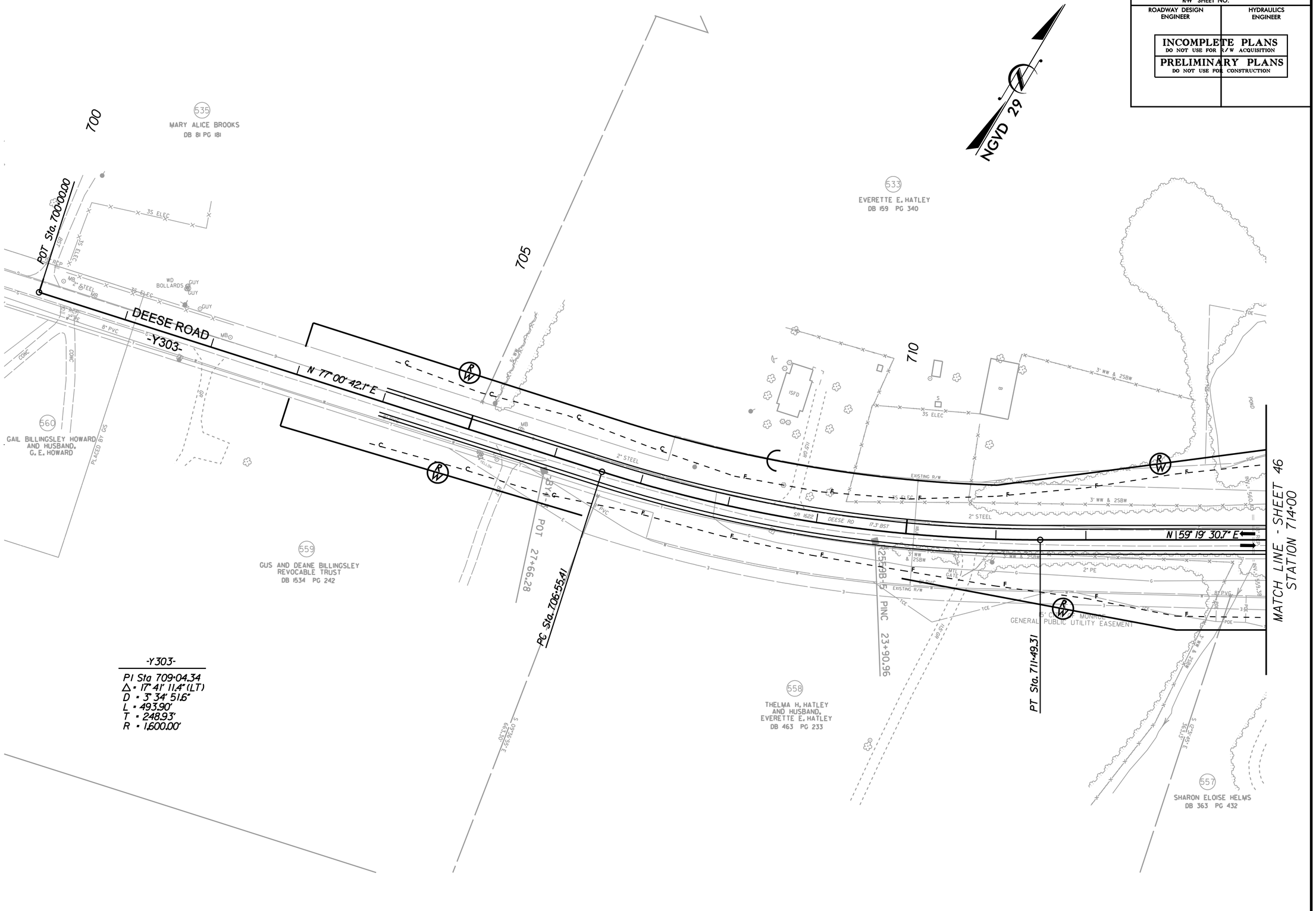
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_ROY_PSH_103.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	104
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

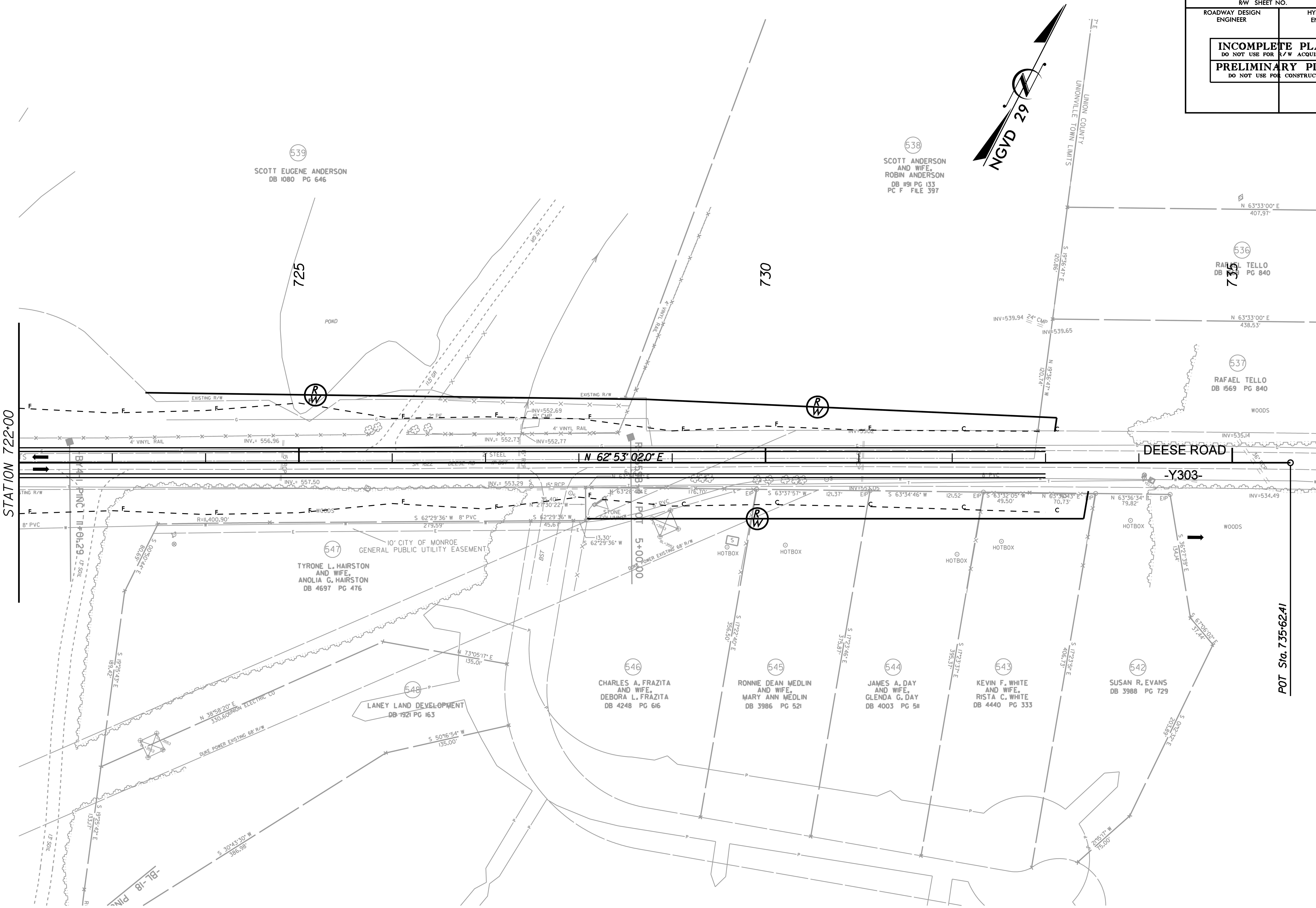
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_ROY_PSH_104.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	105
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



8/17/99

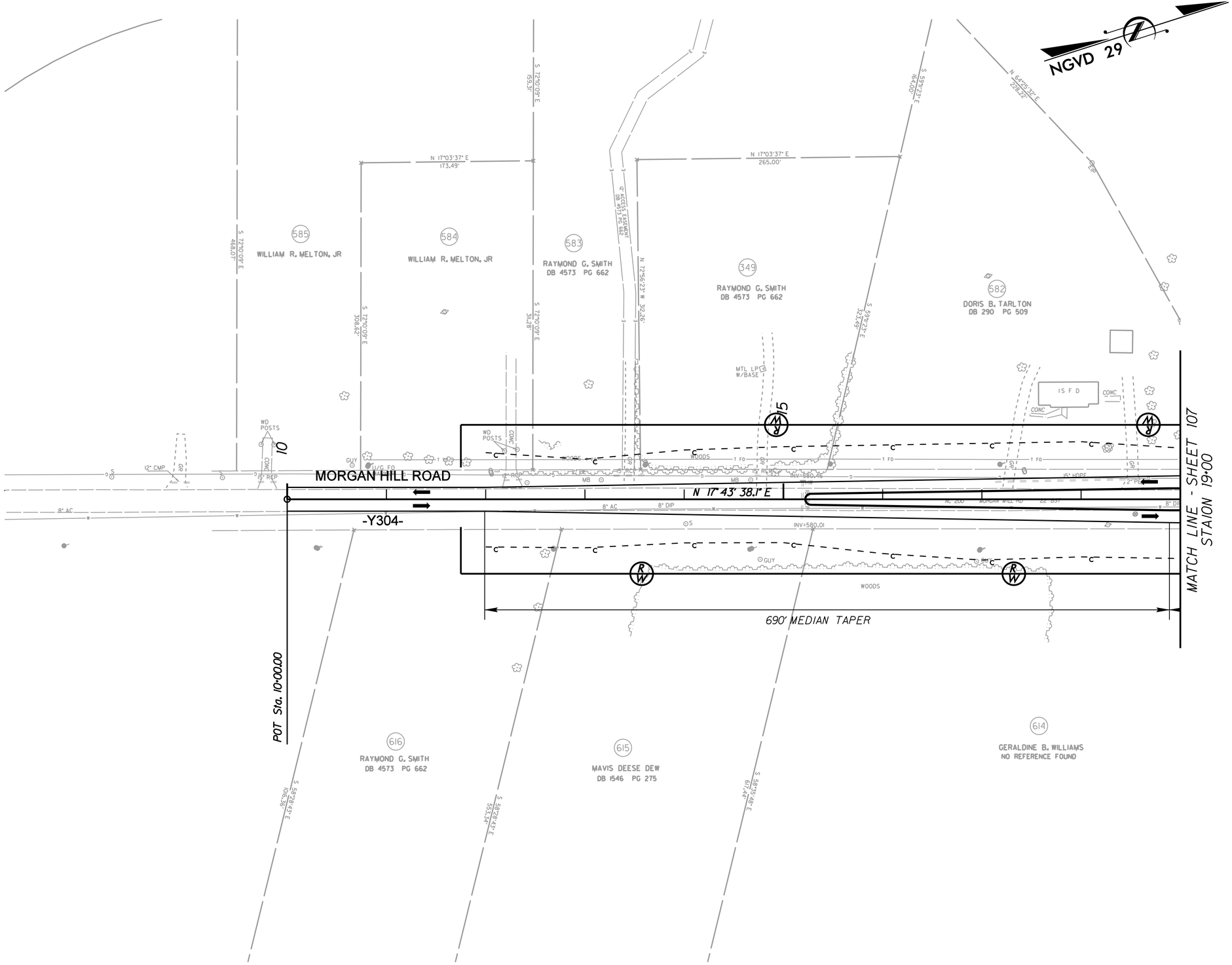
REVISIONS

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_105.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	106
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

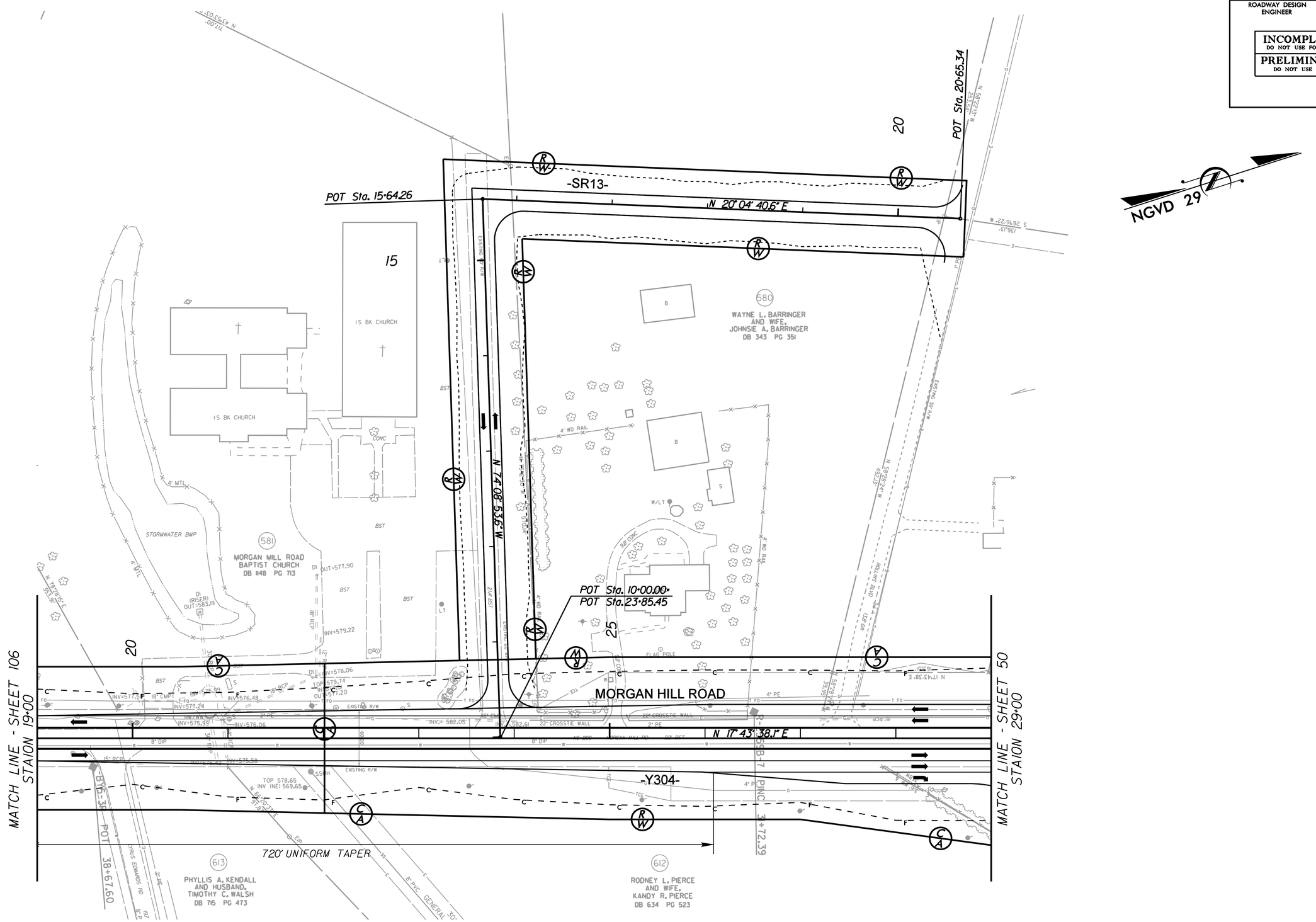
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_106.dgn
mrozzi

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	107
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_107.dgn
mrapfl

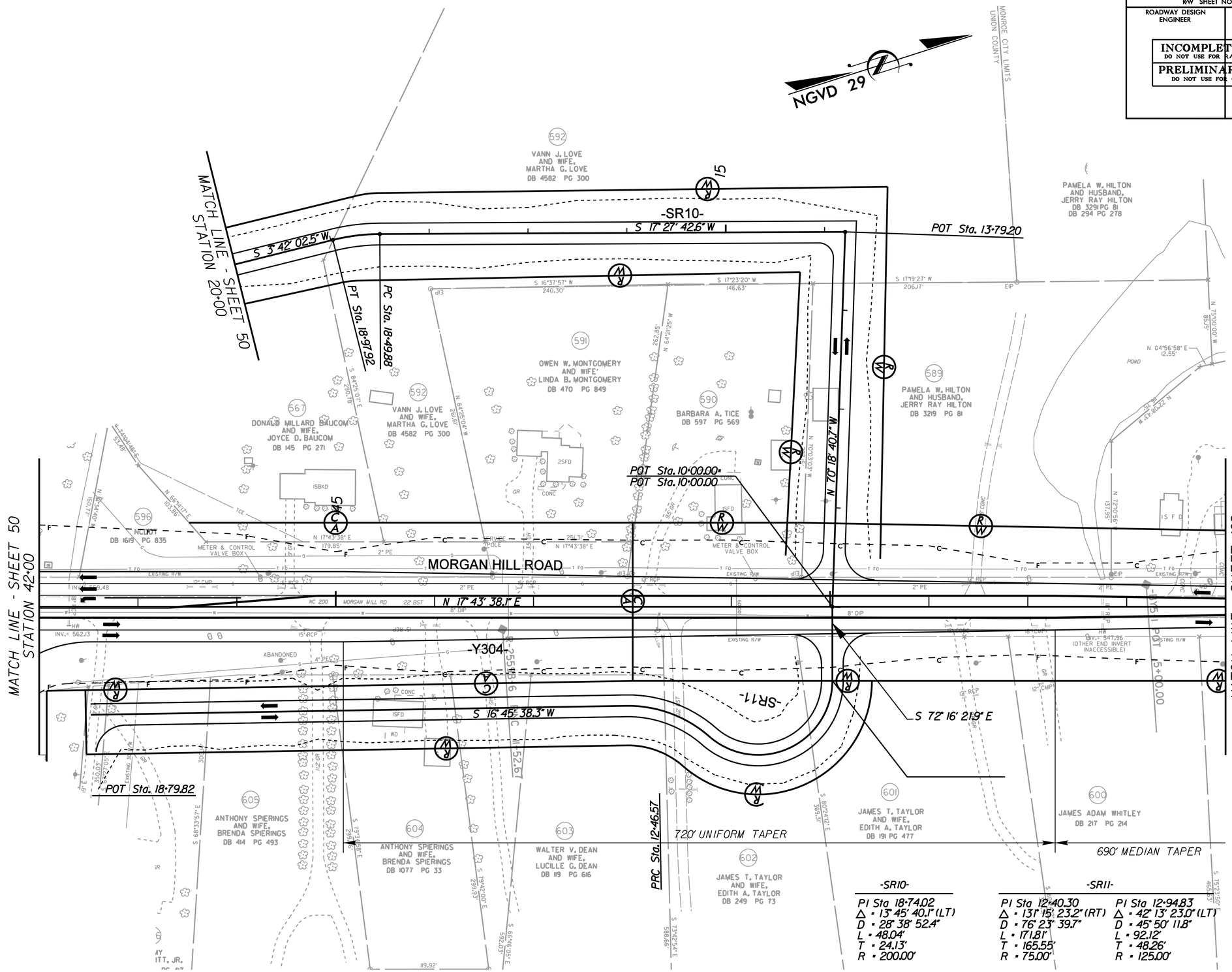
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	108
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99

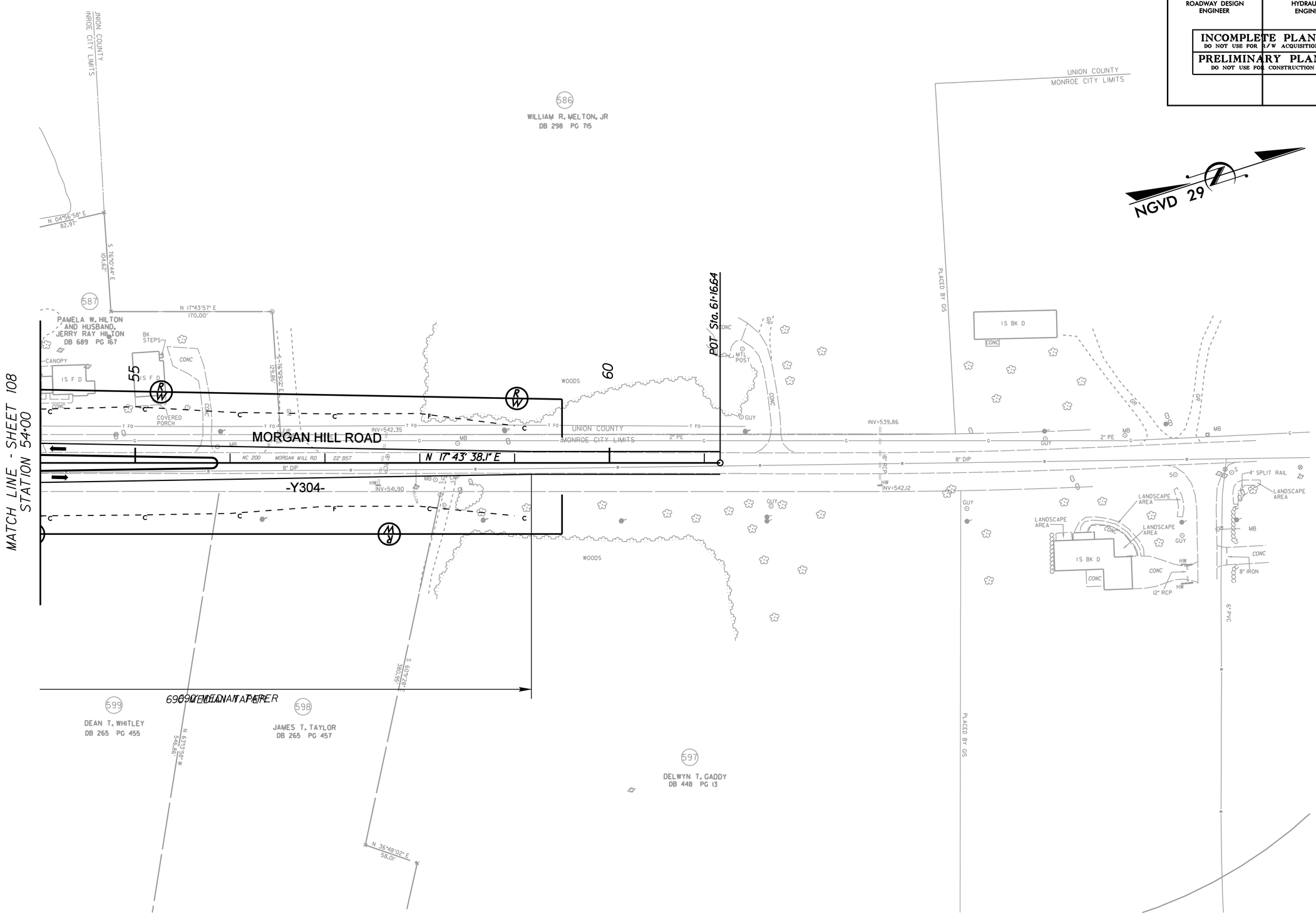


6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_108.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	109
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_109.dgn

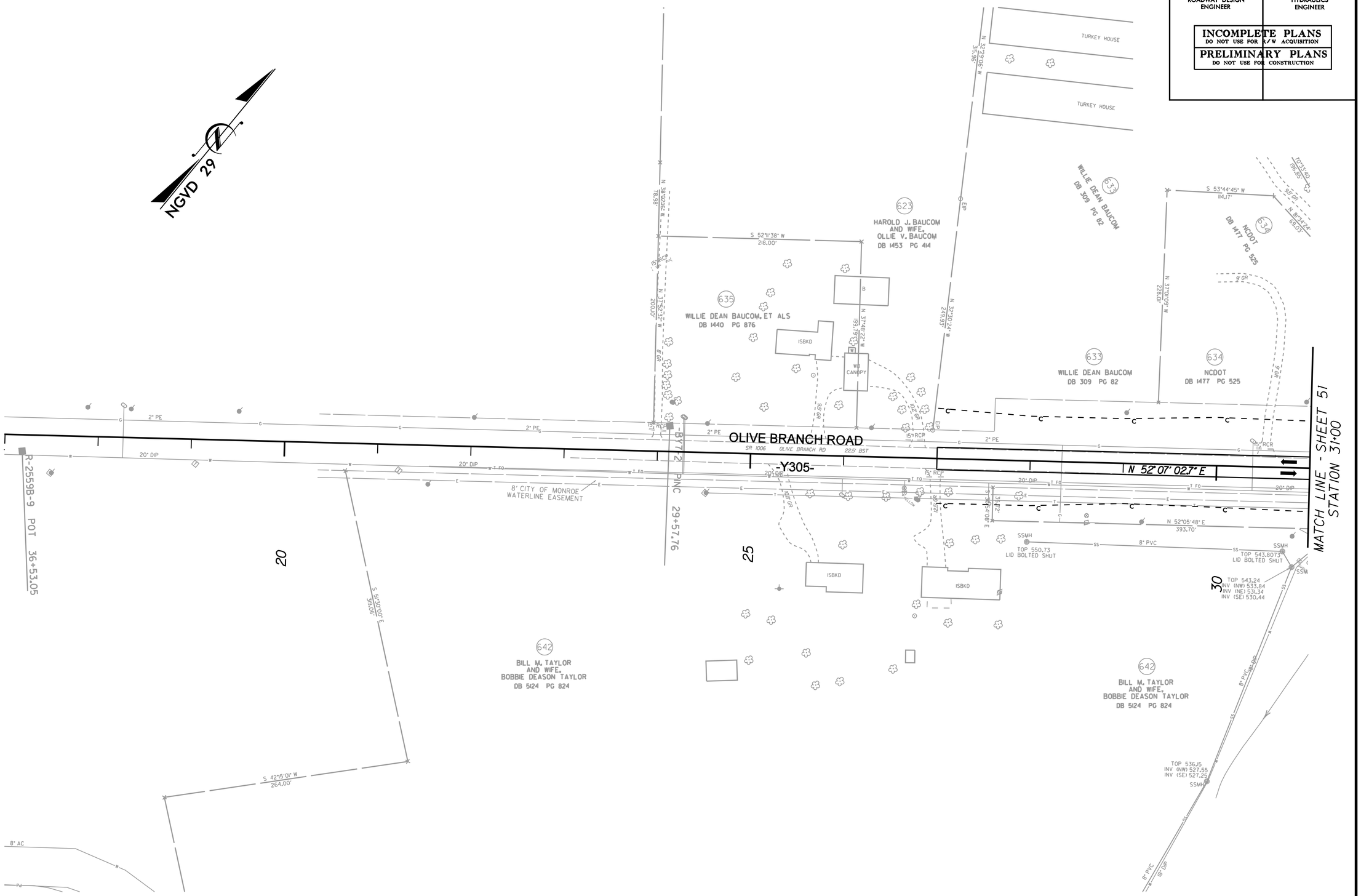
PROJECT REFERENCE NO.	SHEET NO.
R3329 -R2559	110
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99

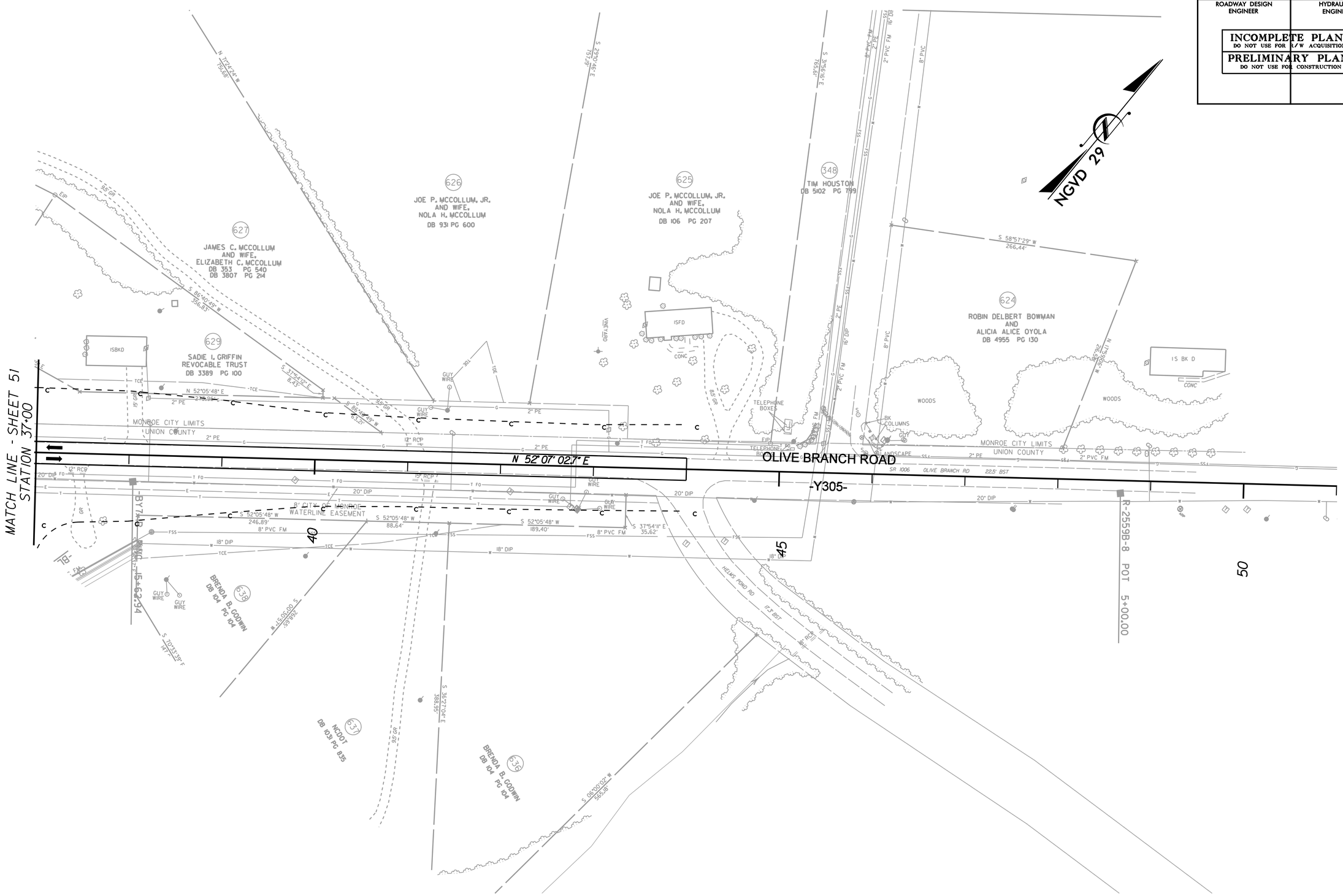


6/1/2010
r:\roadway\proj\R3329_R2559_ROY_PSH_110.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	111
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_111.dgn
mrapp1

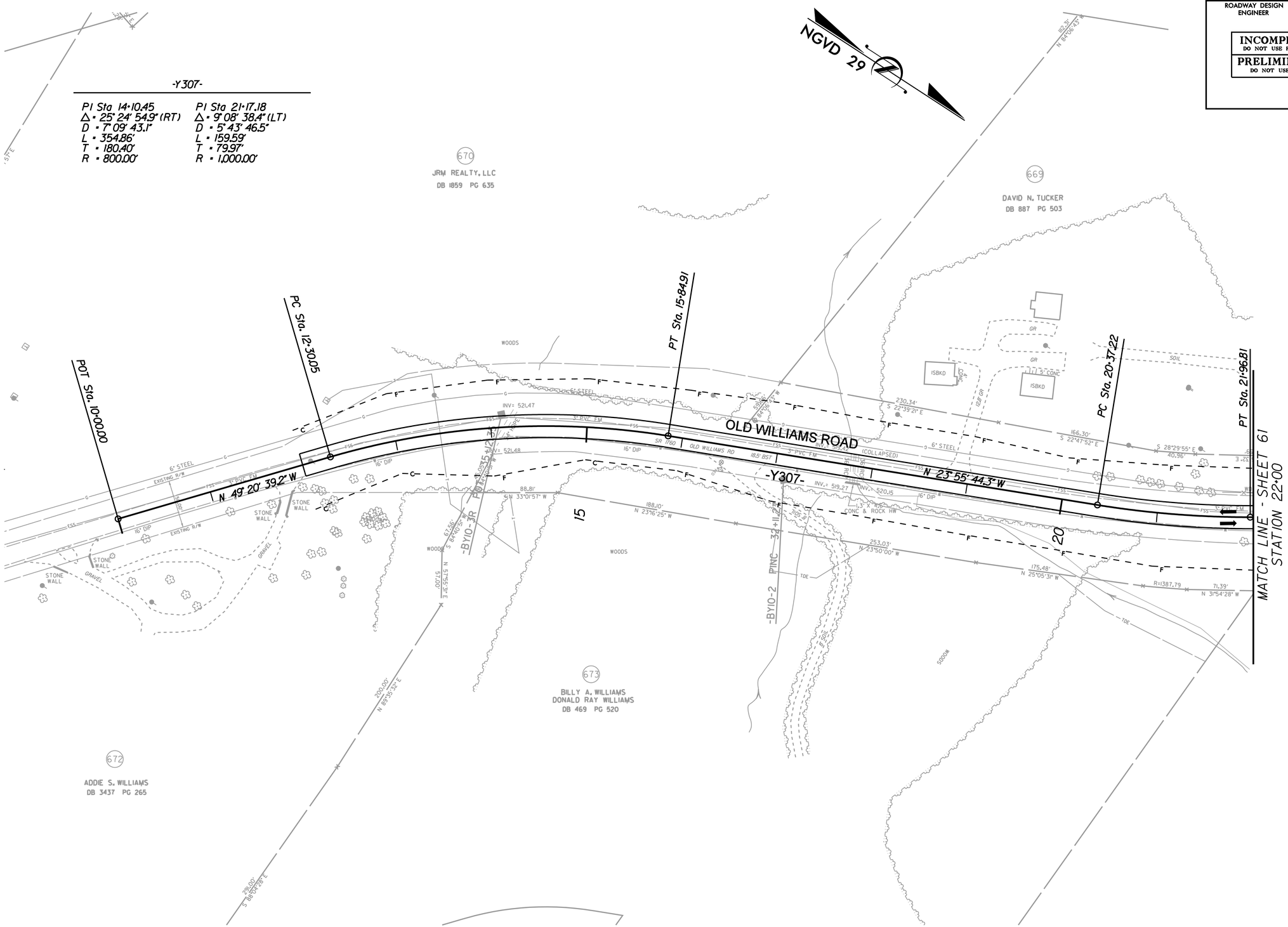
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	112
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_112.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	113
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99

-Y307-

PI Sta 32+96.19
Δ = 1° 06' 33.2" (RT)
D = 1° 08' 45.3"
L = 96.80'
T = 48.40'
R = 5,000.00'

PI Sta 36+65.12
Δ = 2° 19' 02.5" (LT)
D = 1° 54' 35.5"
L = 121.34'
T = 60.68'
R = 3,000.00'

NGVD 29

MATCH LINE - SHEET 61
STATION 30+00

PC Sta. 36+04.44
PT Sta. 37+25.78
POT Sta. 39+04.89
PC Sta. 32+47.79
PT Sta. 33+44.58

OLD WILLIAMS ROAD
-Y307-

N 31° 57' 49.4" W
N 34° 16' 51.9" W

R-2559B-12 PINC
17+45.16
R-2559B-11 POT 5+00.00
-BY10-1R PINC

ED WILLIAMS MCLEAN, ET ALS
DB 201 PG 110
662

ED WILLIAMS MCLEAN, ET ALS
DB 201 PG 110
699

ED WILLIAMS MCLEAN, ET ALS
662

BETTY K. NANCE
DB 585 PG 082
665

SHAWN STEPHANIE GRAY
DB 1184 PG 161
DB 1814 PG 370
666

DANNY S. MORGAN
AND WIFE,
BARBARA A. MORGAN
DB 1806 PG 466
667

DONALD R. MAYNARD
DB 1437 PG 546
668

BILLY A. WILLIAMS
DONALD RAY WILLIAMS
DB 469 PG 520
675

WOODS
ABANDONED
ISFD
WELL
GRAVEL
LANDSCAPE TIMBERS
SPLIT RAIL & WW
6" STEEL
3" PVC FM
16" DIP
15" CMP
OLD WILLIAMS RD. GRAVEL
TRULL HIXSON RD. 18' BST
EXISTING R/W
SR 1760 OLD WILLIAMS RD 18.5' BST
S 20°30'05" W 301.29'
S 20°10'01" W 417.55'
N 20°30'08" E 662.77'
N 20°28'08" E 85.725'
N 20°04'53" E 489.03'
S 20°23'47" W 314.05'
S 20°21'47" W 67.77'
N 68°33'12" W 293.55'
S 68°57'33" E 196.68'
S 68°57'01" E 203.86'
6" PVC
16" DIP
3" PVC FM
6" STEEL

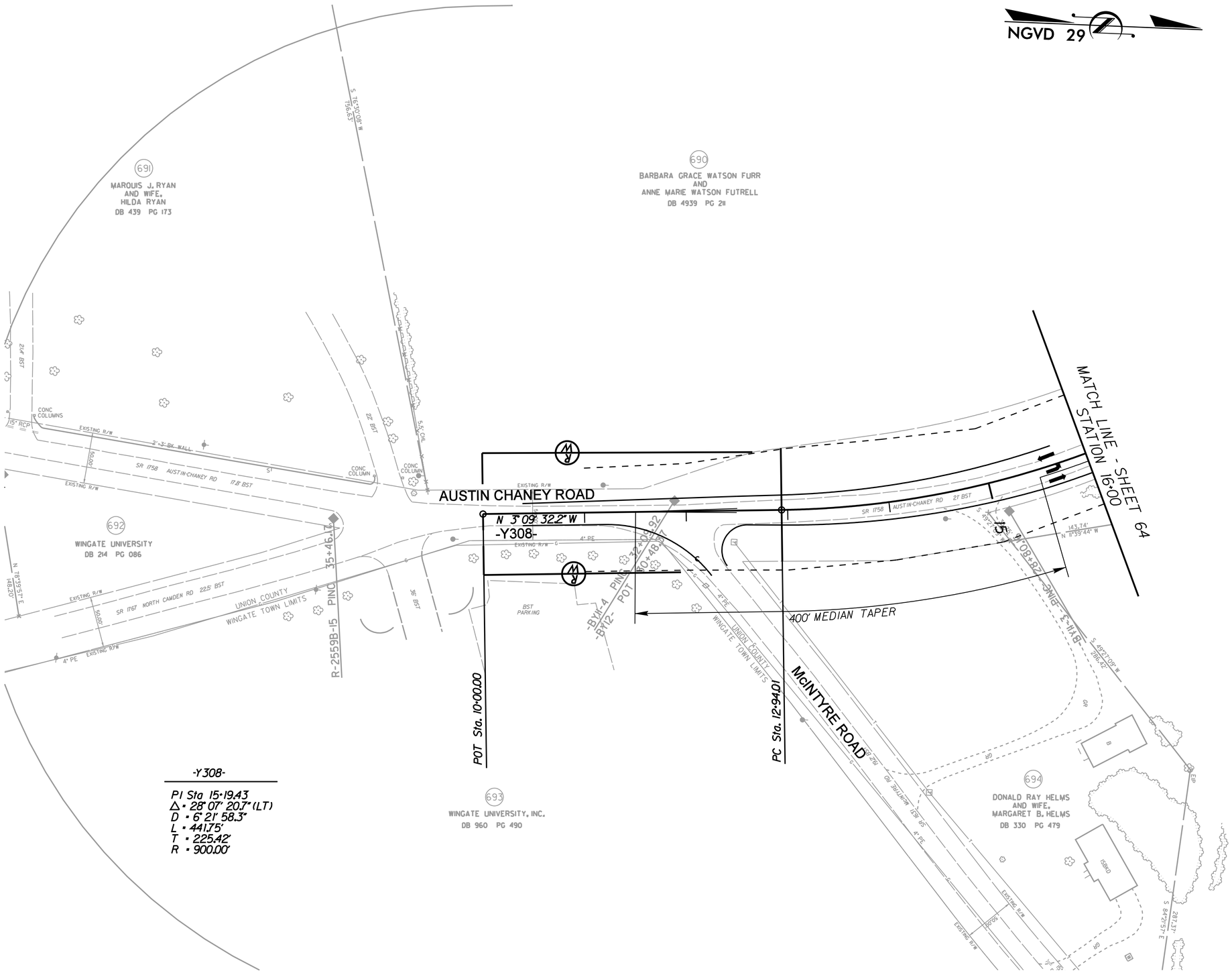
6/1/2010
r:\roadway\proj\R3329_R2559_ROY_PSH_113.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	114
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

NGVD 29



-Y308-

PI Sta 15+19.43
Δ = 28° 07' 20.7" (LT)
D = 6° 21' 58.3"
L = 441.75'
T = 225.42'
R = 900.00'

REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_114.dgn

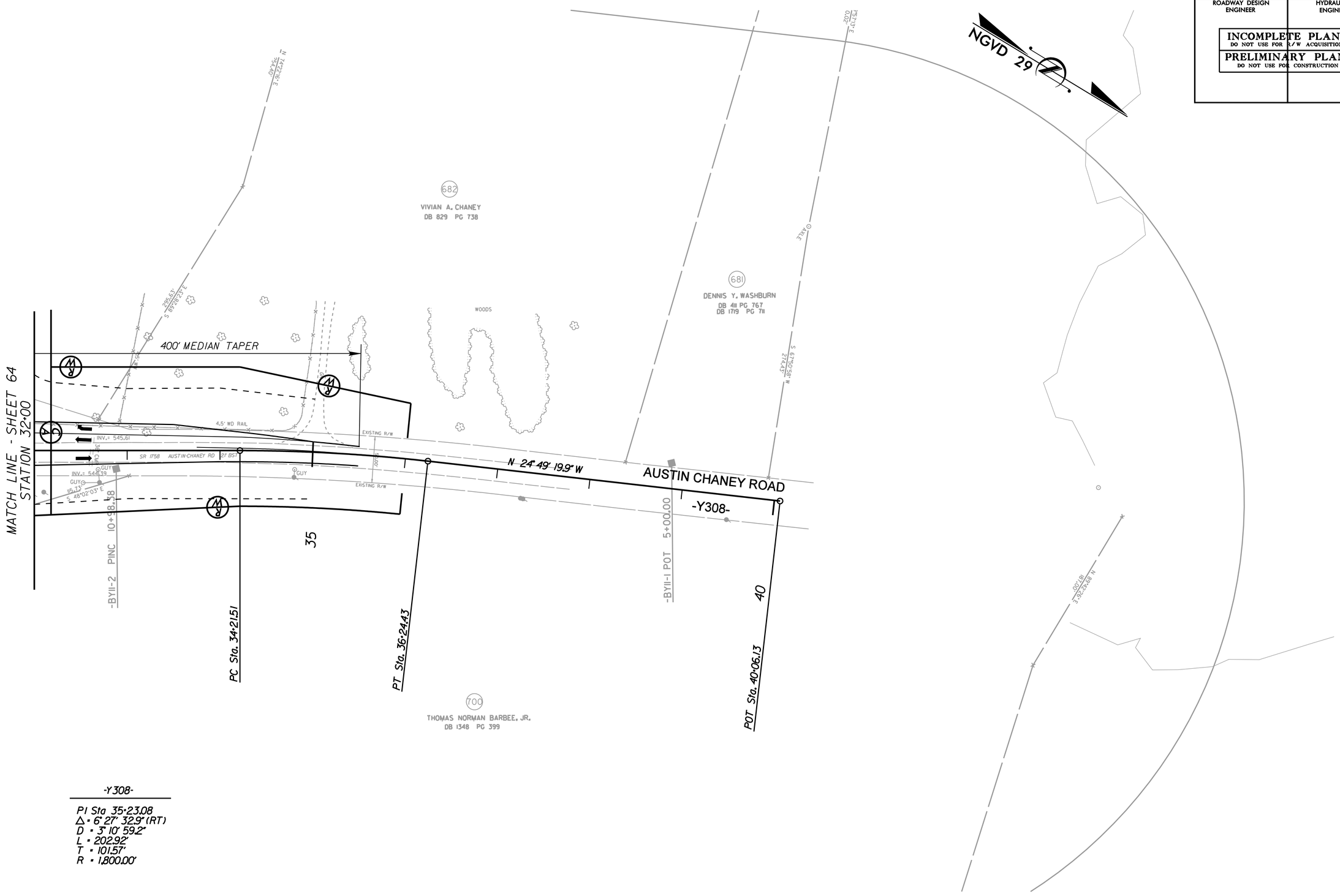
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	115
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



-Y308-

PI Sta 35+23.08
Δ = 6° 27' 32.9" (RT)
D = 3° 10' 59.2"
L = 202.92'
T = 101.57'
R = 1,800.00'

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_115.dgn
mrozel

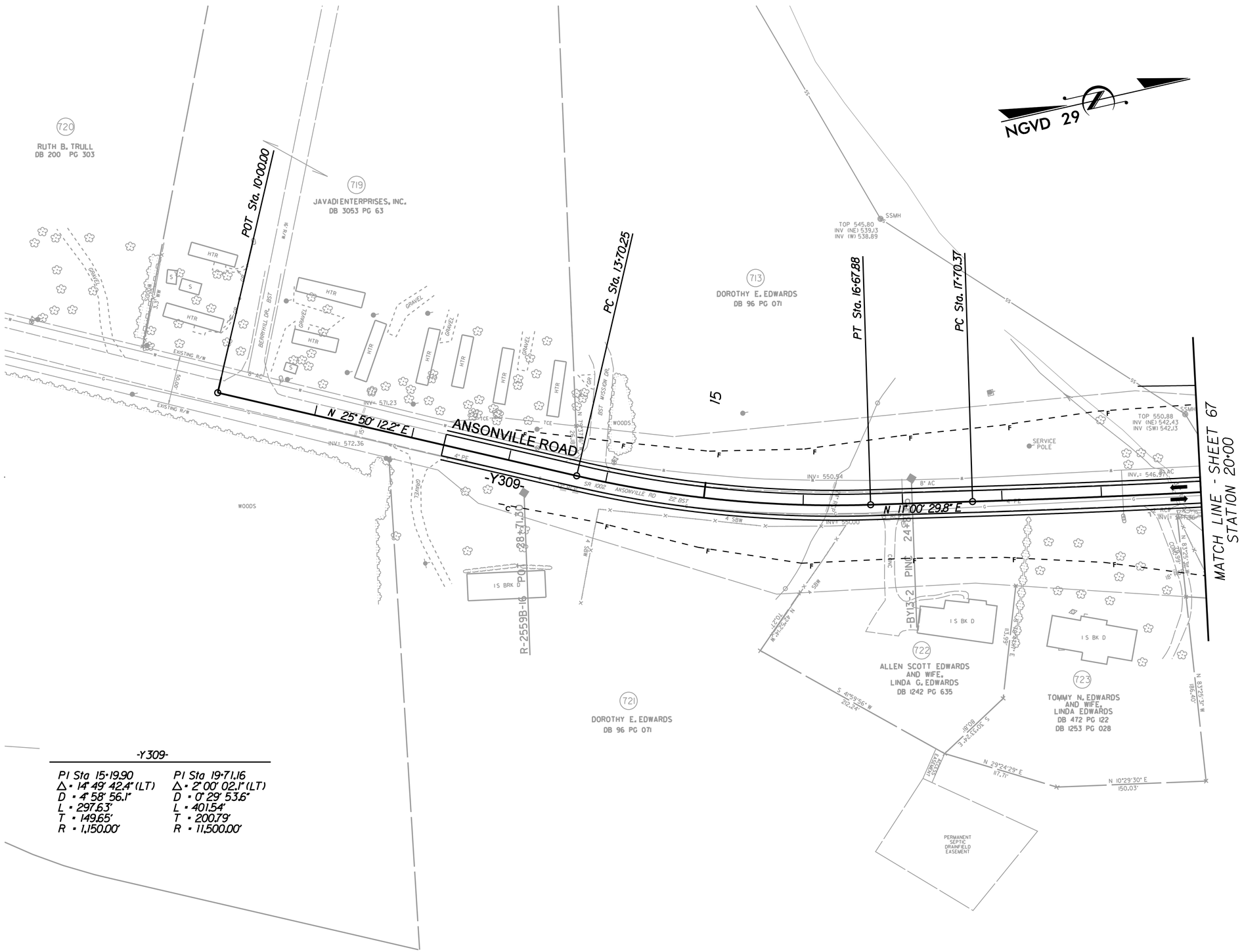
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	116
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



-Y309-

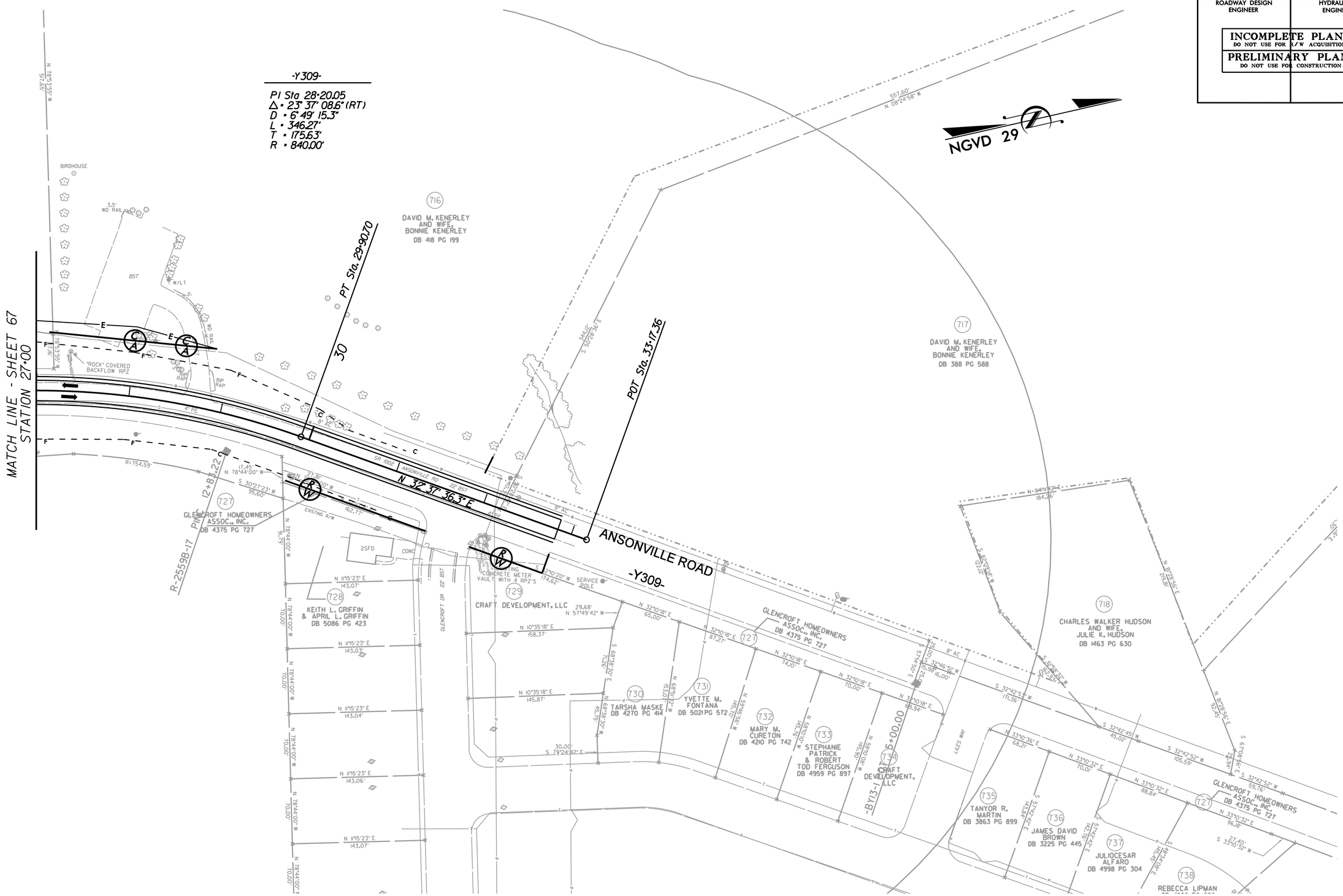
PI Sta 15+19.90	PI Sta 19+71.16
Δ = 14° 49' 42.4" (LT)	Δ = 2° 00' 02.1" (LT)
D = 4° 58' 56.1"	D = 0° 29' 53.6"
L = 297.63'	L = 401.54'
T = 149.65'	T = 200.79'
R = 1,150.00'	R = 11,500.00'

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_116.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	117
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



REVISIONS

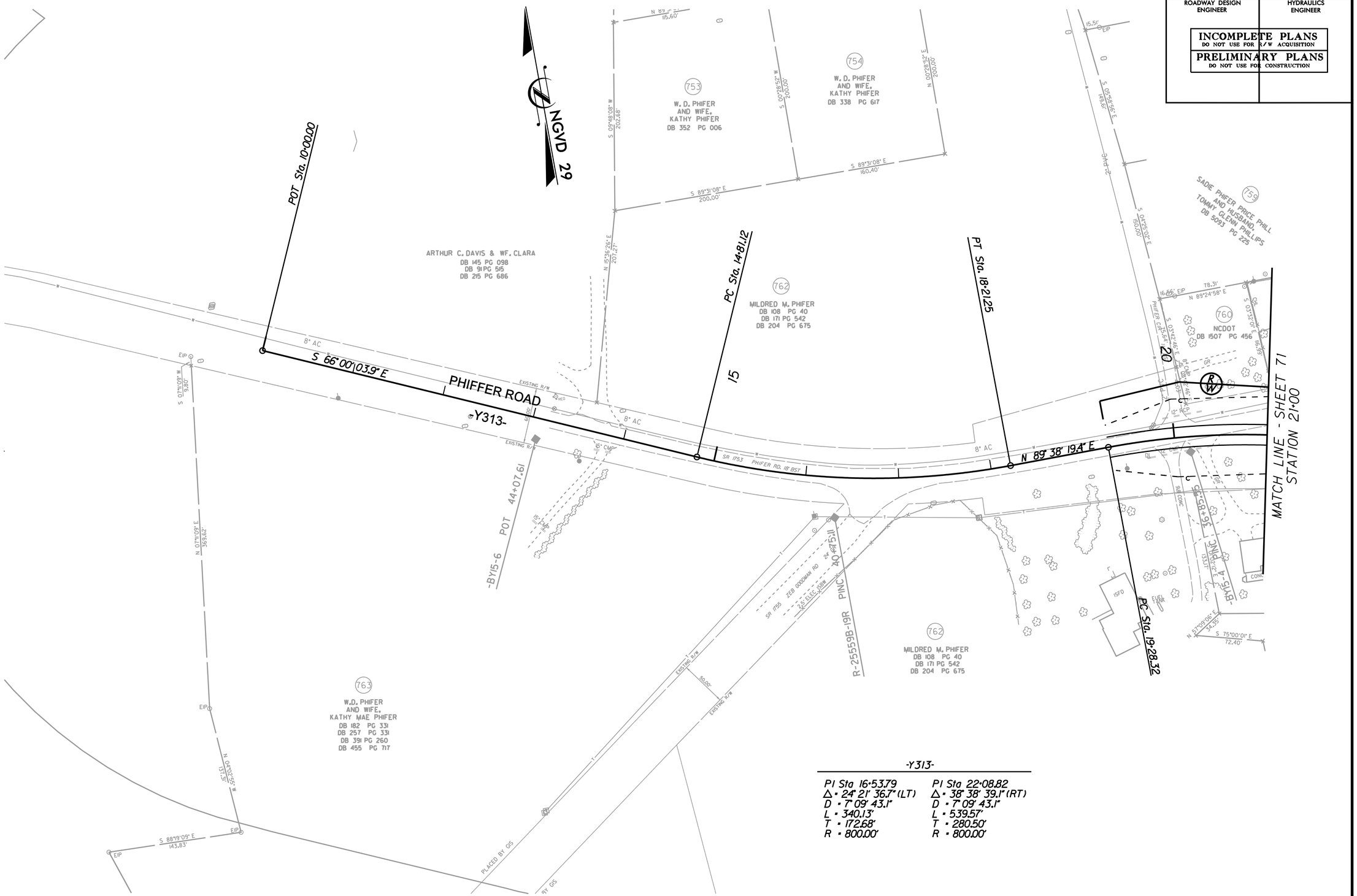
8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_117.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	118
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



-Y313-

PI Sta 16+53.79	PI Sta 22+08.82
Δ = 24° 21' 36.7" (LT)	Δ = 38° 38' 39.1" (RT)
D = 7° 09' 43.1"	D = 7° 09' 43.1"
L = 340.13'	L = 539.57'
T = 172.68'	T = 280.50'
R = 800.00'	R = 800.00'

REVISIONS

8/17/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_118.dgn

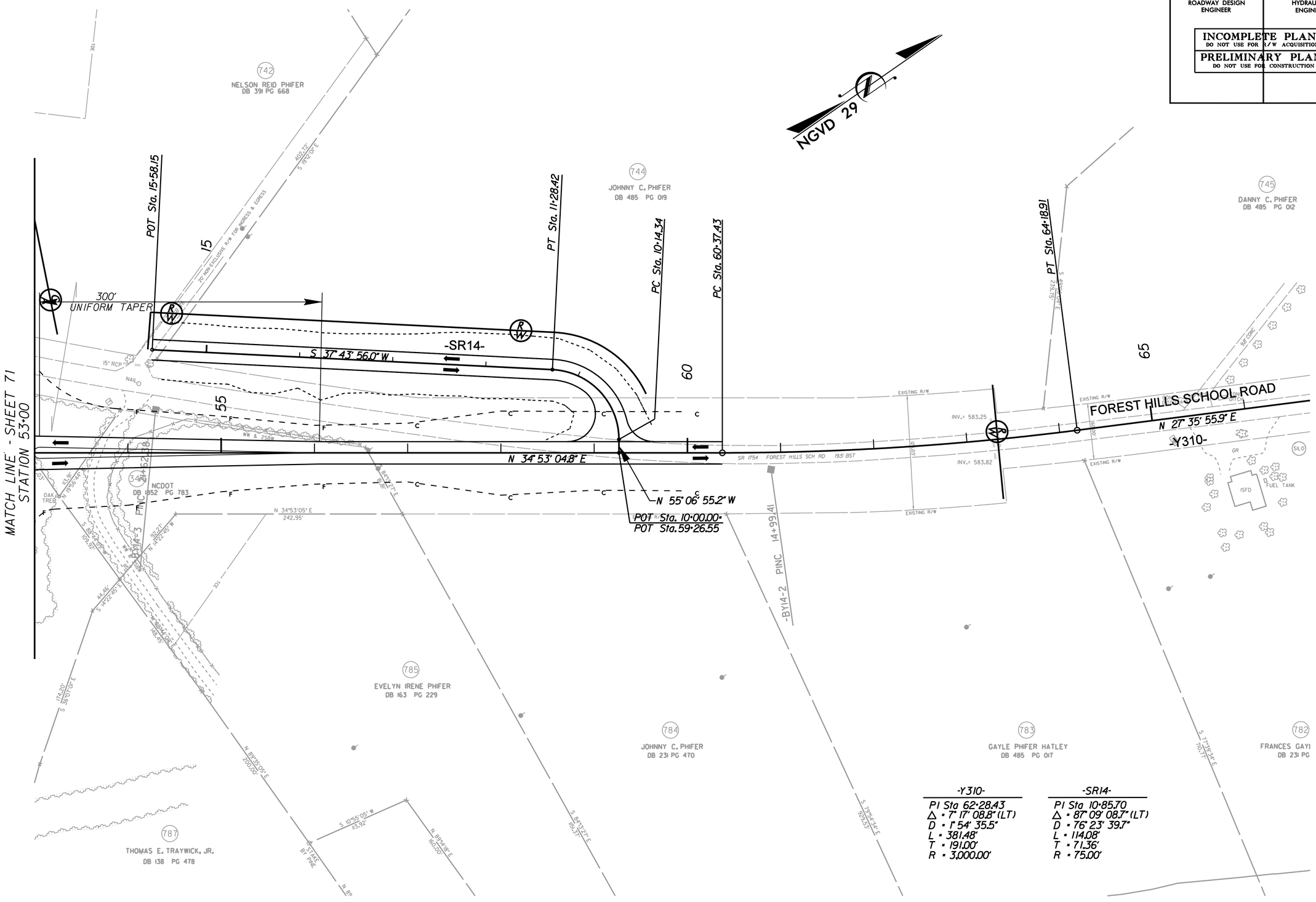
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	119
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



-Y310-	-SR14-
PI Sta 62+28.43	PI Sta 10+85.70
Δ = 7° 17' 08.8" (LT)	Δ = 87° 09' 08.7" (LT)
D = 1° 54' 35.5"	D = 76° 23' 39.7"
L = 381.48'	L = 114.08'
T = 191.00'	T = 71.36'
R = 3,000.00'	R = 75.00'

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_119.dgn
mcarr

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	120
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99

-Y311-

PI Sta 20+02.93
Δ = 48° 23' 25.7" (LT)
D = 6° 21' 58.3"
L = 760.12'
T = 404.39'
R = 900.00'

NGVD 29

POT Sta. 27+24.00

PT Sta. 23+58.66

PC Sta. 15+98.54

MATCH LINE - SHEET 71
STATION 15+00

S 52°05'44" E

N 79° 30' 50.2" E

PHIFFER ROAD

-Y311-

-BY15-2 PINC 8+77.59

BY15-3 PINC 19+78.95

BY15-3 PINC 15+09.57

788 MARSHALL ALLEN TRAYWICK DB 805 PG 110

789 MARSHALL ALLEN TRAYWICK DB 805 PG 110

791 GAYLE PHIFER HATLEY DB 4752 PG 293

787 THOMAS E. TRAYWICK, JR. DB 138 PG 478

789 MARSHALL ALLEN TRAYWICK DB 805 PG 110

20

25

796 THOMAS E. TRAYWICK, JR. DB 138 PG 478

794 THOMAS E. TRAYWICK, JR. AND SARAH H. TRAYWICK DB 138 PG 478 FILE 988

792 GAYLE PHIFER HATLEY DB 4752 PG 293

796 THOMAS E. TRAYWICK, JR. DB 138 PG 478

793 THOMAS RICHARD TRAYWICK AND WIFE, LILLIAN H. TRAYWICK DB 1070 PG 867

795 THOMAS E. TRAYWICK, JR. AND SARAH H. TRAYWICK

SR 1754 PHIFER RD 17.5' BST

SR 1753 PHIFER RD 18.0' BST

EXISTING R/W

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_120.dgn

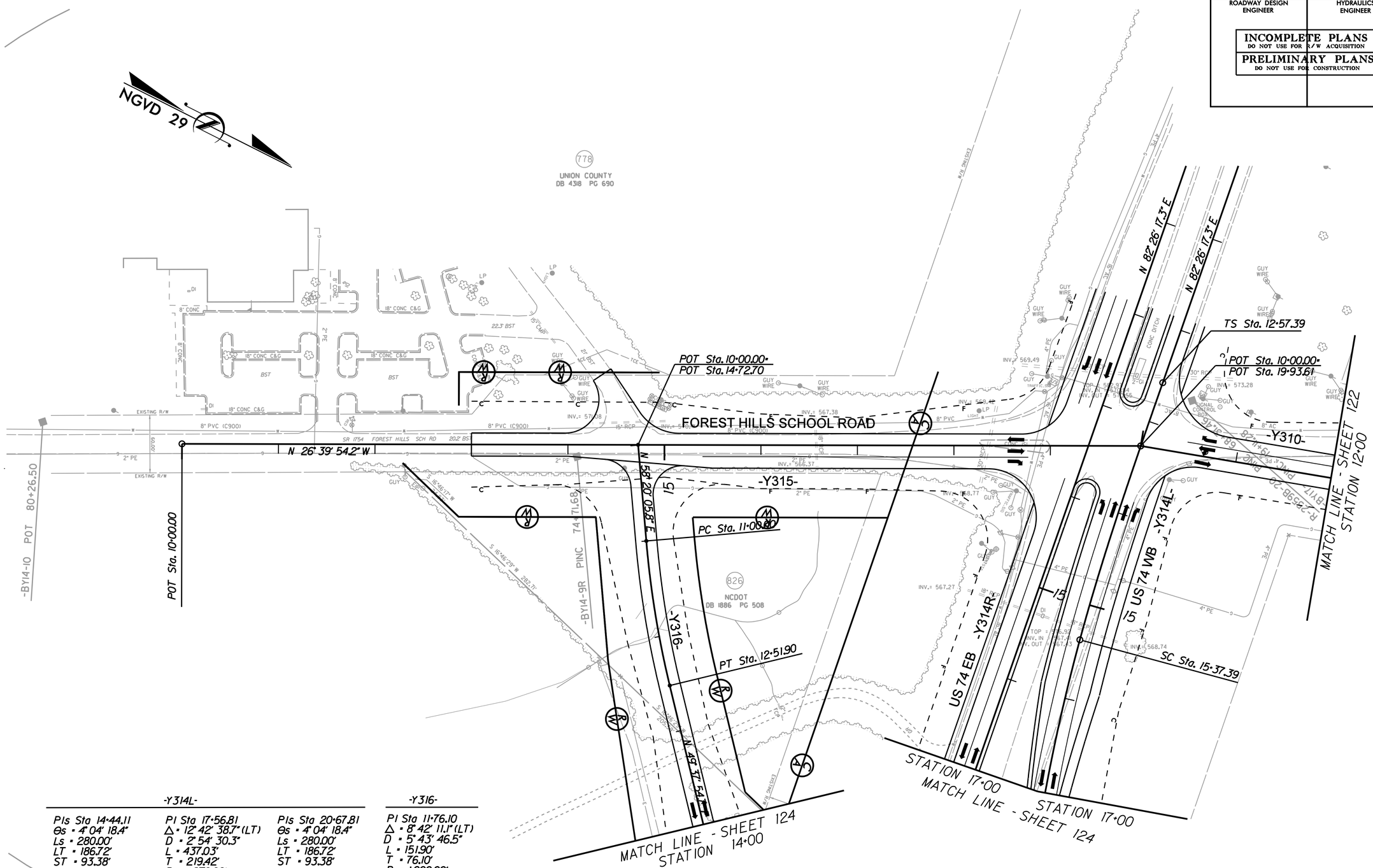
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	121
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



-Y314L-			-Y316-
PIs Sta 14+44.11	PI Sta 17+56.81	PIs Sta 20+67.81	PI Sta 11+76.10
θs = 4° 04' 18.4"	Δ = 12° 42' 38.7" (LT)	θs = 4° 04' 18.4"	Δ = 8° 42' 11.1" (LT)
Ls = 280.00'	D = 2° 54' 30.3"	Ls = 280.00'	D = 5° 43' 46.5"
LT = 186.72'	L = 437.03'	LT = 186.72'	L = 151.90'
ST = 93.38'	T = 219.42'	ST = 93.38'	T = 76.10'
	R = 1,970.00'		R = 1,000.00'

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_121.dgn
mcarr

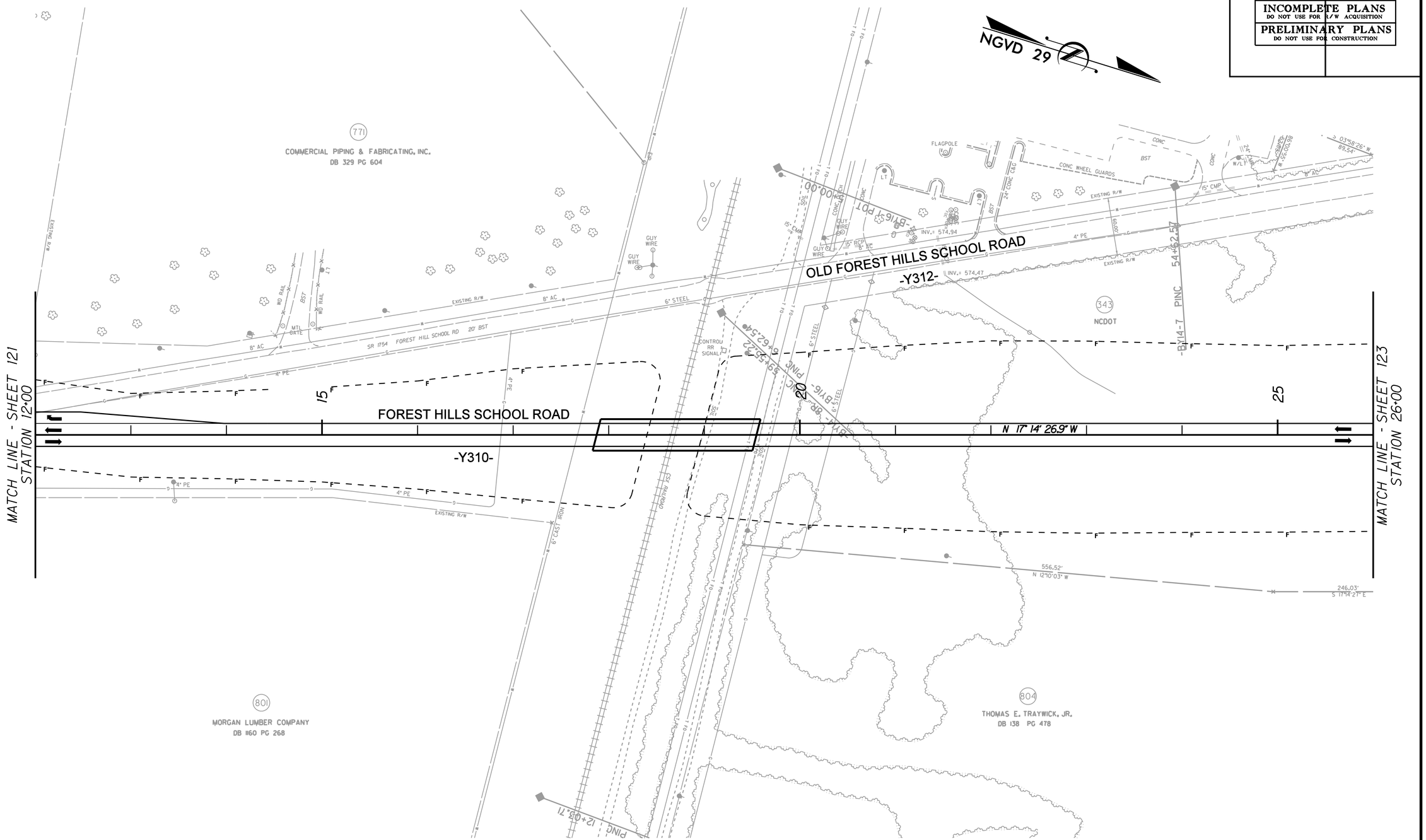
PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	122
R/W SHEET NO.	---
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99



6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH122.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	123
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

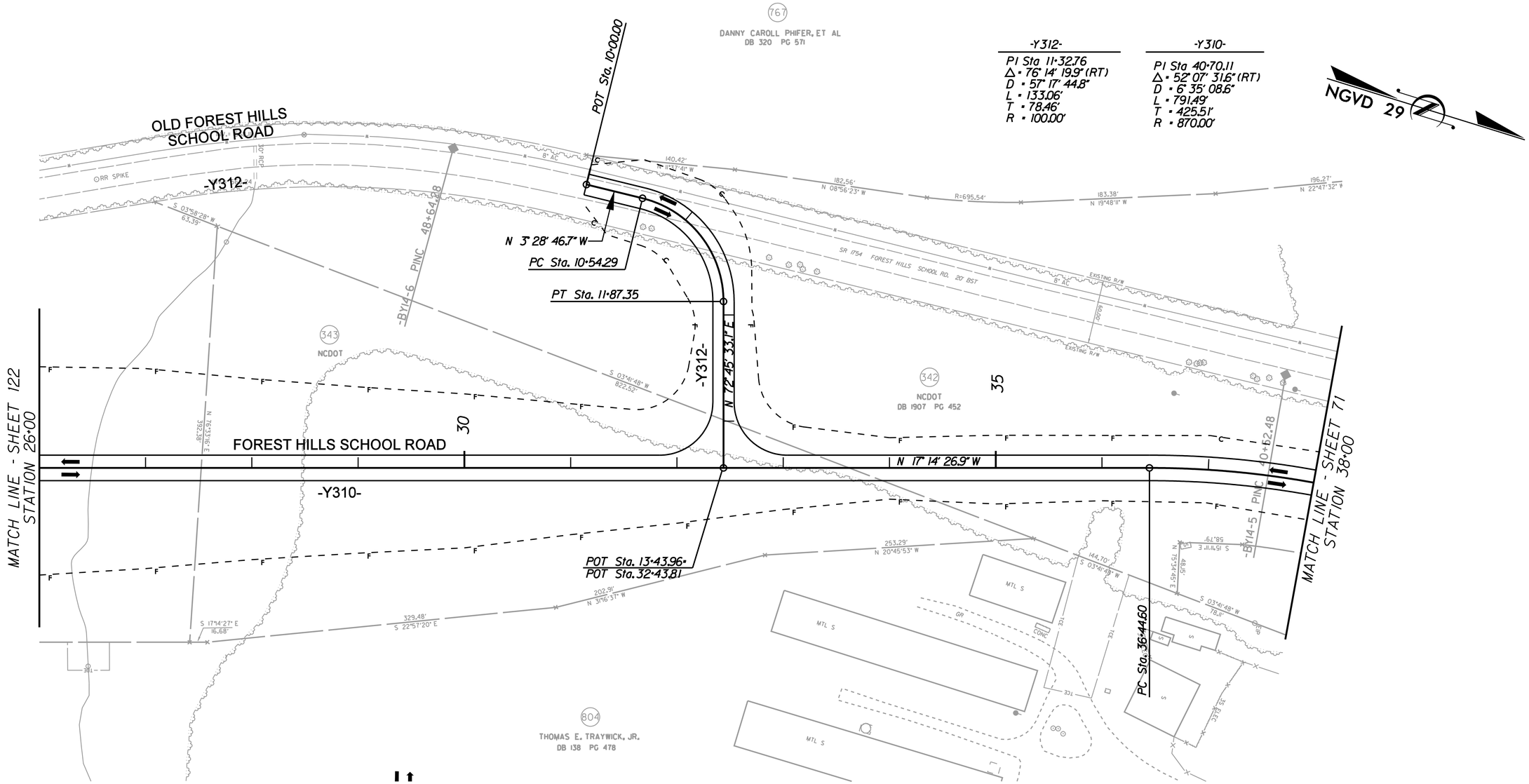
INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

REVISIONS

8/17/99

-Y312-	-Y310-
PI Sta 11+32.76	PI Sta 40+70.11
Δ = 76° 14' 19.9" (RT)	Δ = 52° 07' 31.6" (RT)
D = 57° 17' 44.8"	D = 6° 35' 08.6"
L = 133.06'	L = 791.49'
T = 78.46'	T = 425.51'
R = 100.00'	R = 870.00'



6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_123.dgn

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	124
R/W SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION

8/17/99

REVISIONS

-Y314L-

PIs Sta 14+44.11
Es = 4° 04' 18.4"
Ls = 280.00'
LT = 186.72'
ST = 93.38'

PI Sta 17+56.81
Δ = 12° 42' 38.7" (LT)
D = 2° 54' 30.3"
L = 437.03'
T = 219.42'
R = 1,970.00'

PIs Sta 20+67.81
Es = 4° 04' 18.4"
Ls = 280.00'
LT = 186.72'
ST = 93.38'

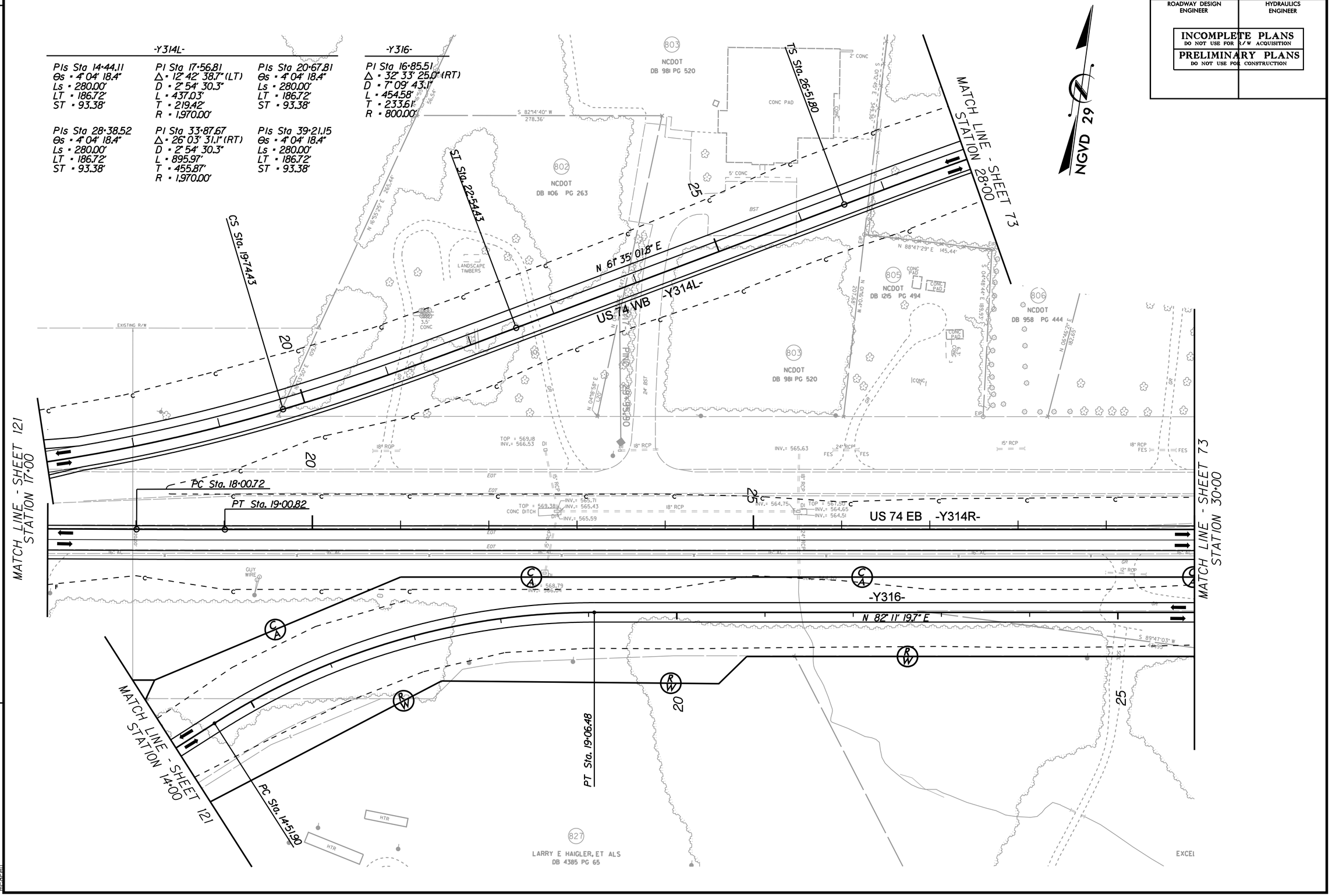
PIs Sta 28+38.52
Es = 4° 04' 18.4"
Ls = 280.00'
LT = 186.72'
ST = 93.38'

PI Sta 33+87.67
Δ = 26° 03' 31.1" (RT)
D = 2° 54' 30.3"
L = 895.97'
T = 455.87'
R = 1,970.00'

PIs Sta 39+21.15
Es = 4° 04' 18.4"
Ls = 280.00'
LT = 186.72'
ST = 93.38'

-Y316-

PI Sta 16+85.51
Δ = 32° 33' 25.0" (RT)
D = 7° 09' 43.1"
L = 454.58'
T = 233.61'
R = 800.00'



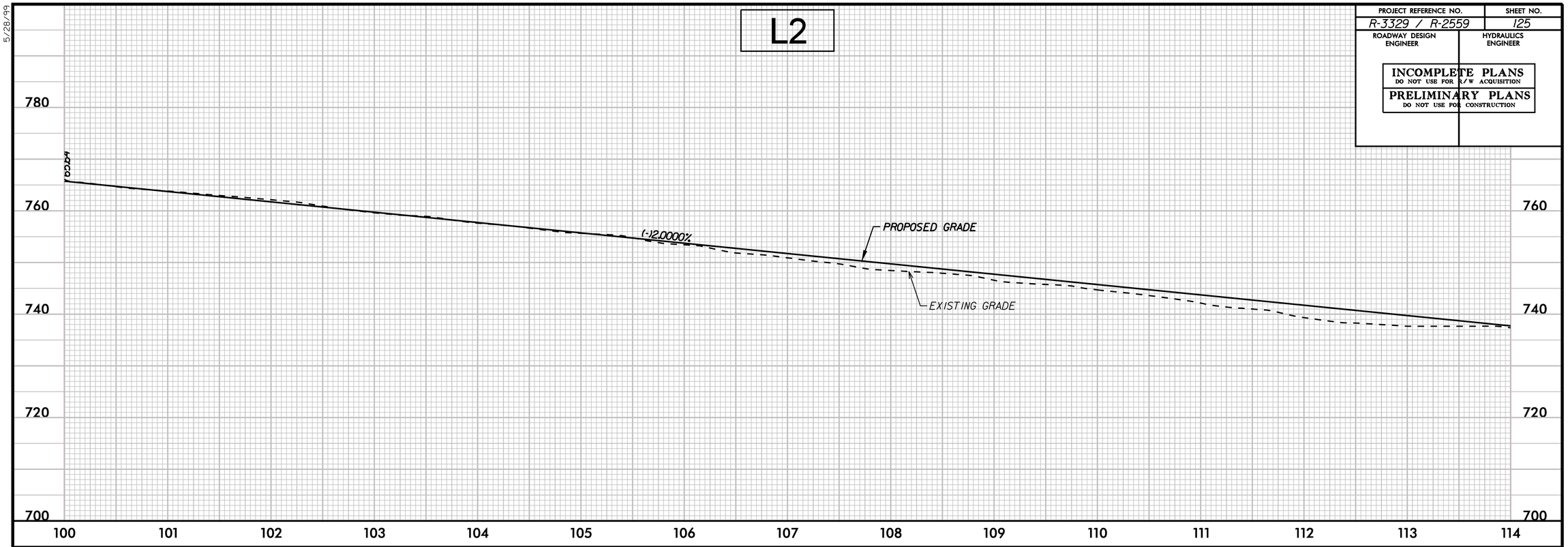
6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_124.dgn

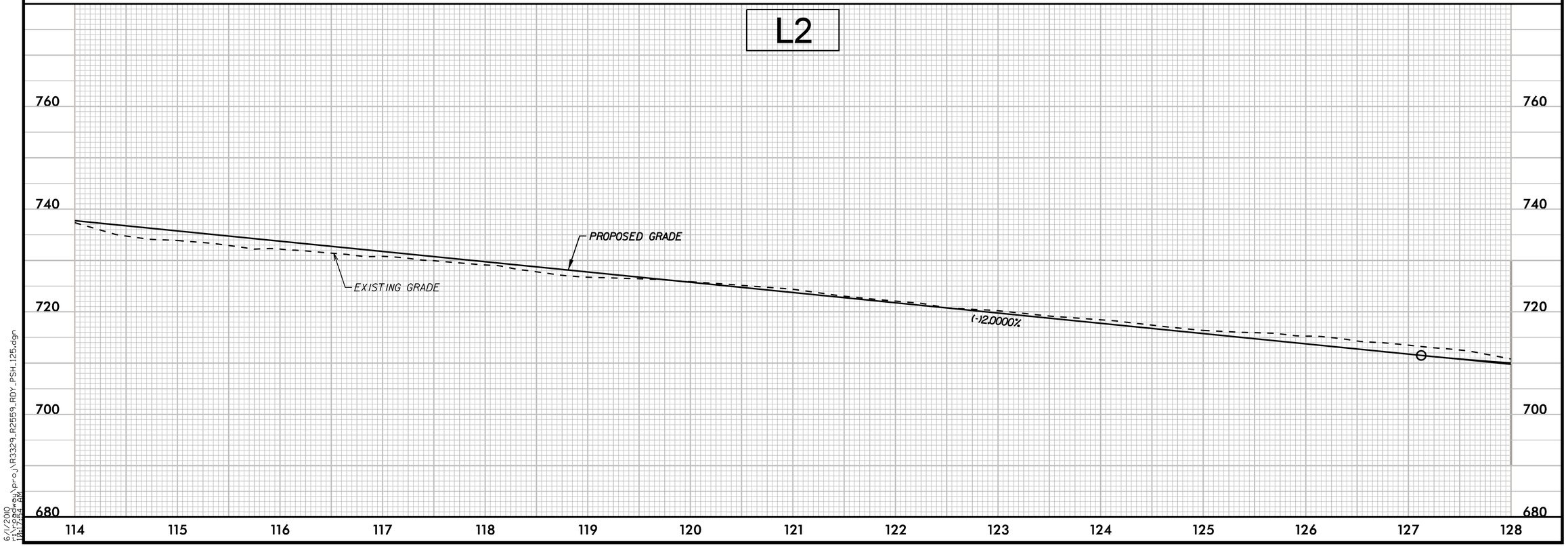
5/28/99

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	125
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



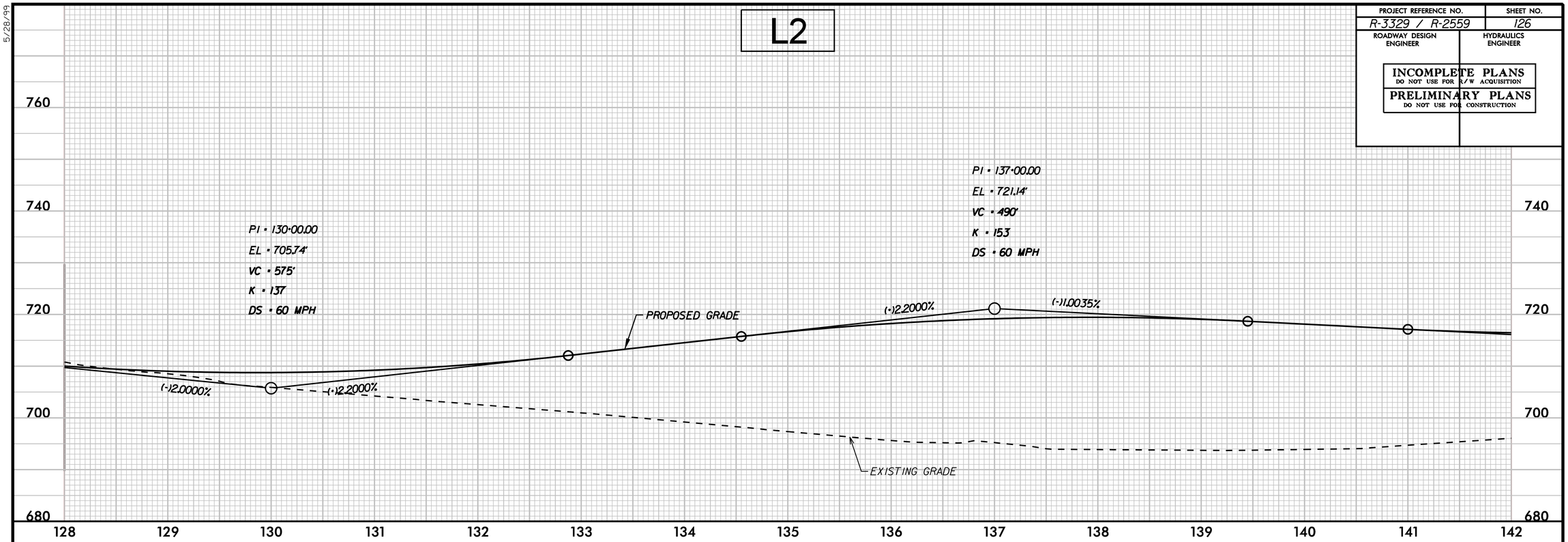


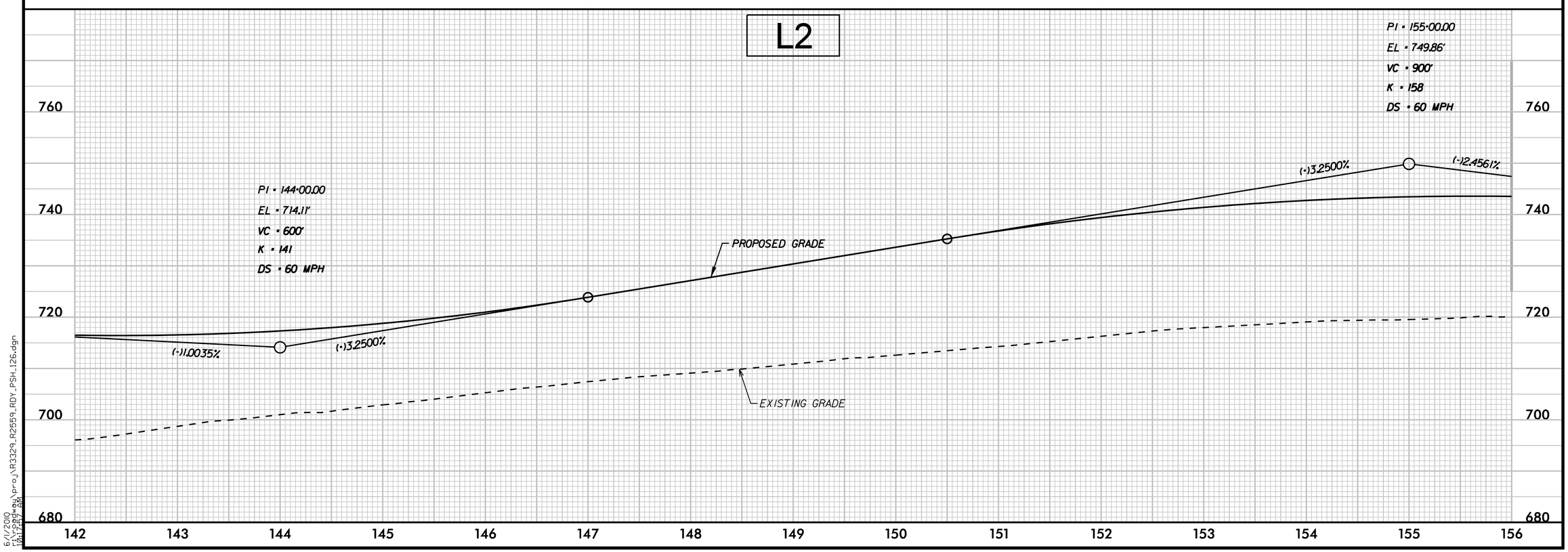
6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_125.dgn
04:24 PM

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	126
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION





5/28/99

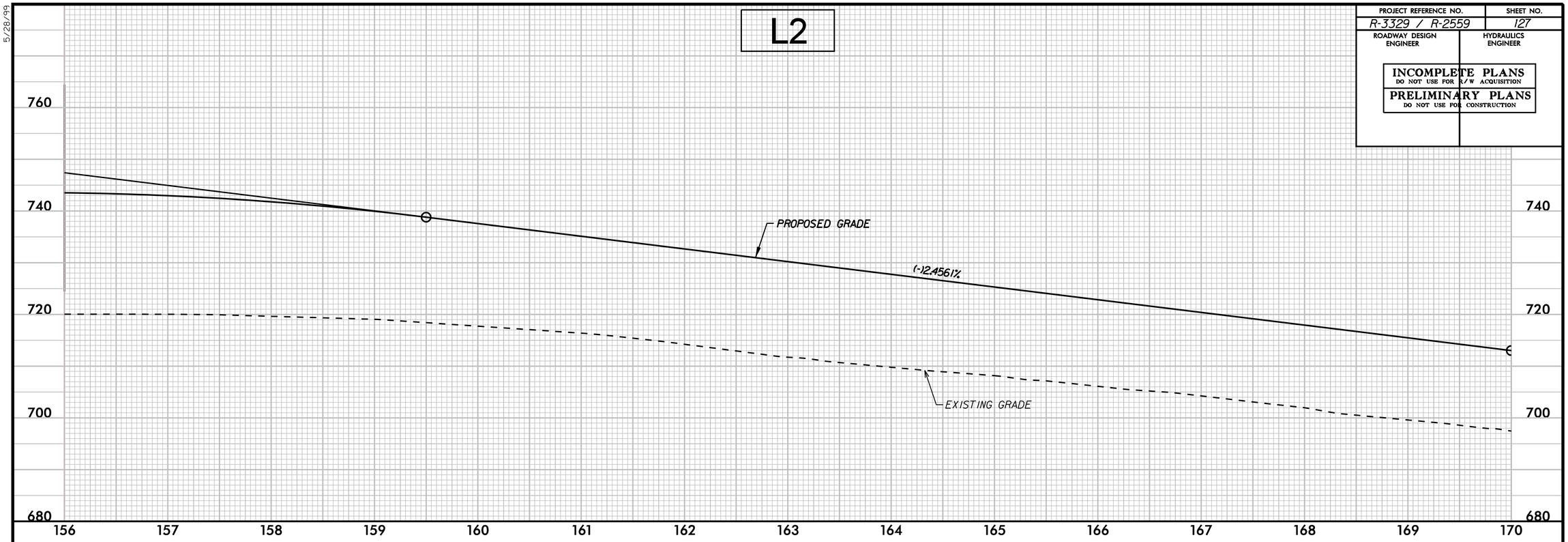
6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_126.dgn
04:27 PM

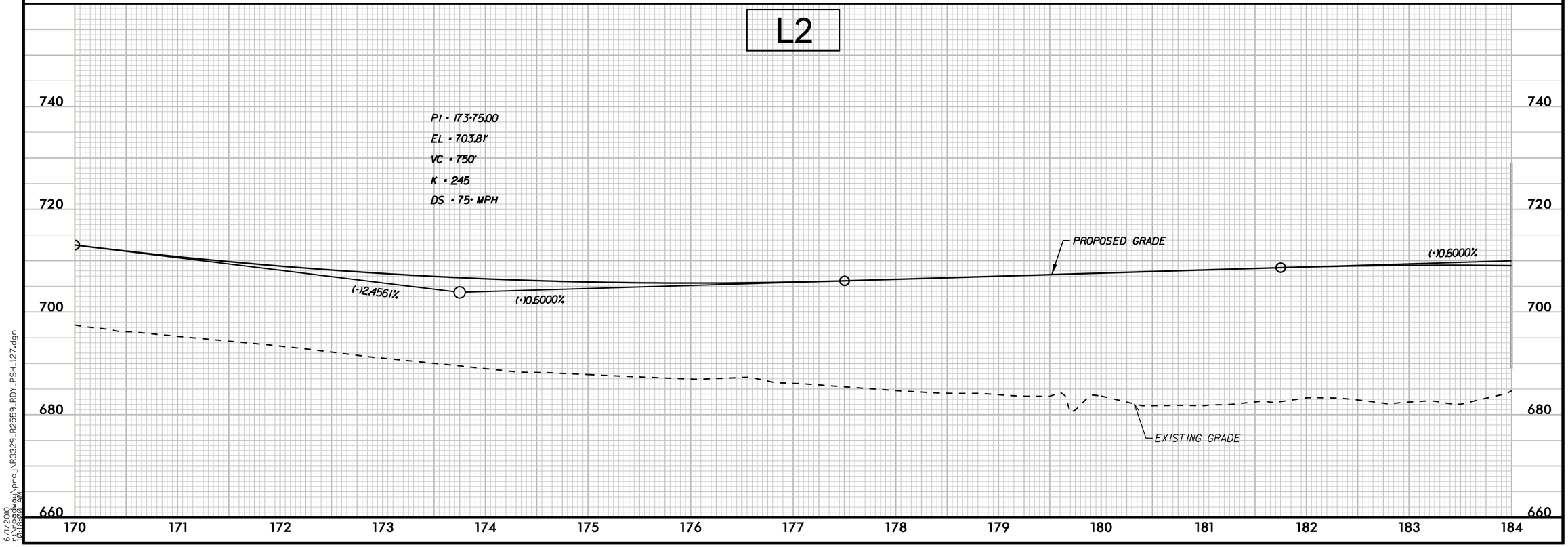
5/28/99

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	127
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION



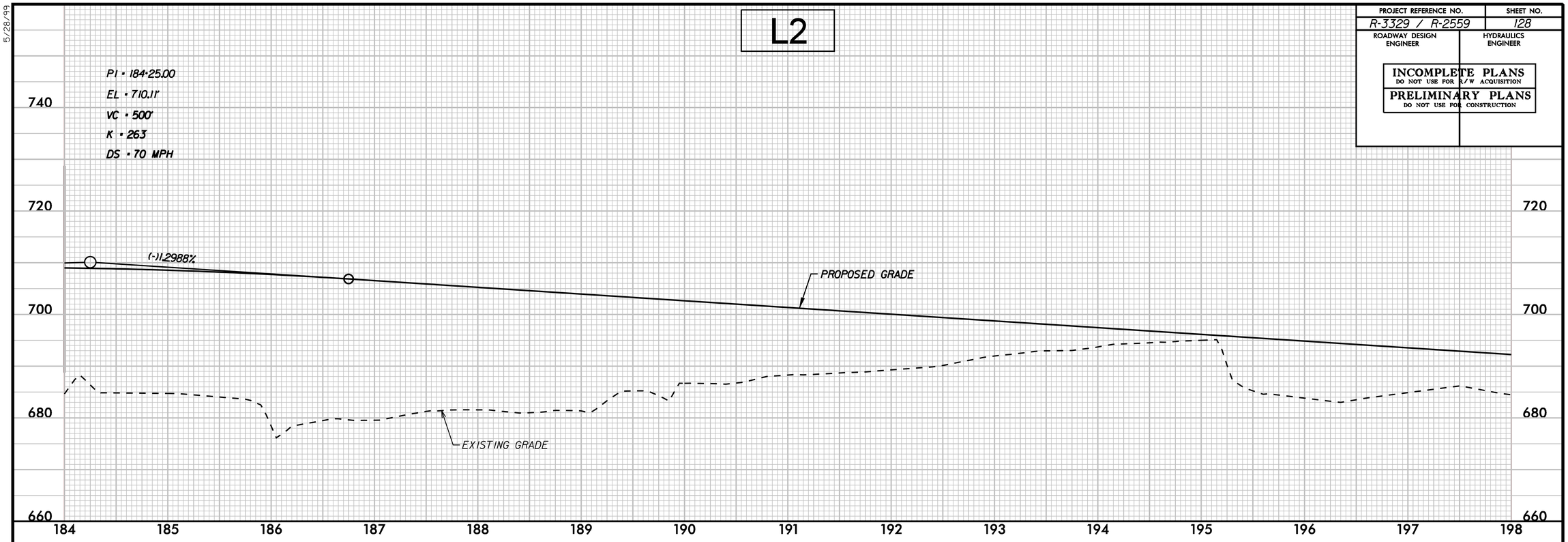


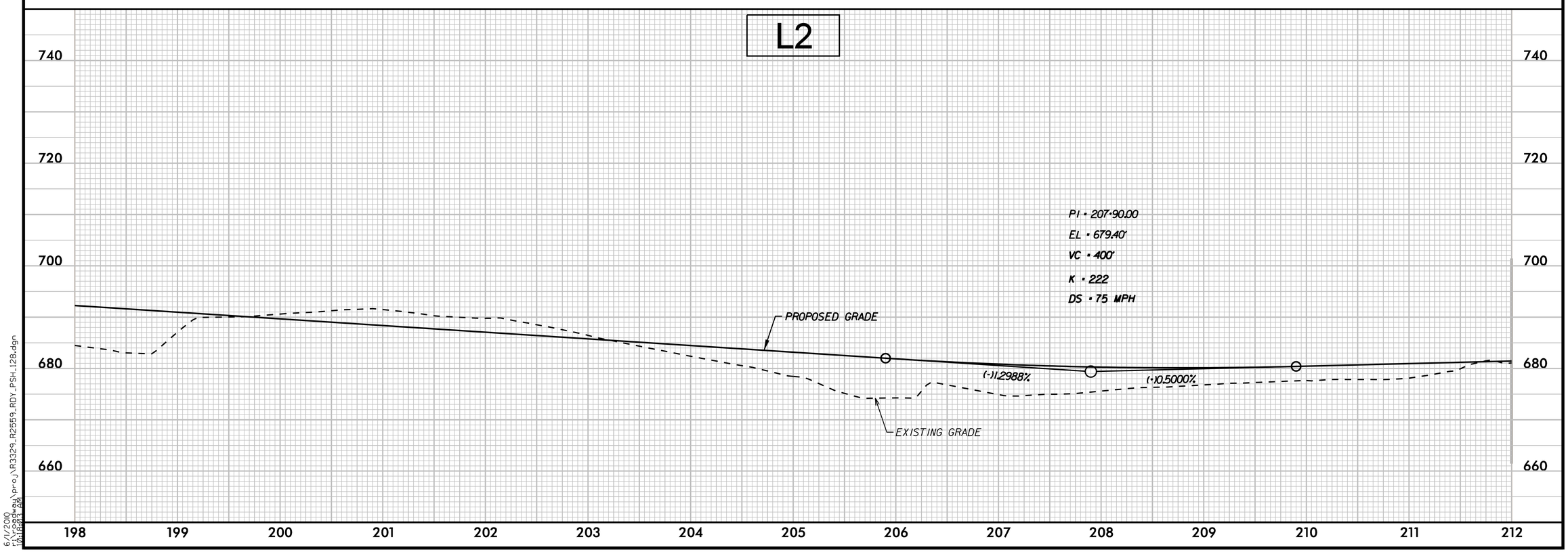
6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_127.dgn
04:20:07 PM

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	128
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION





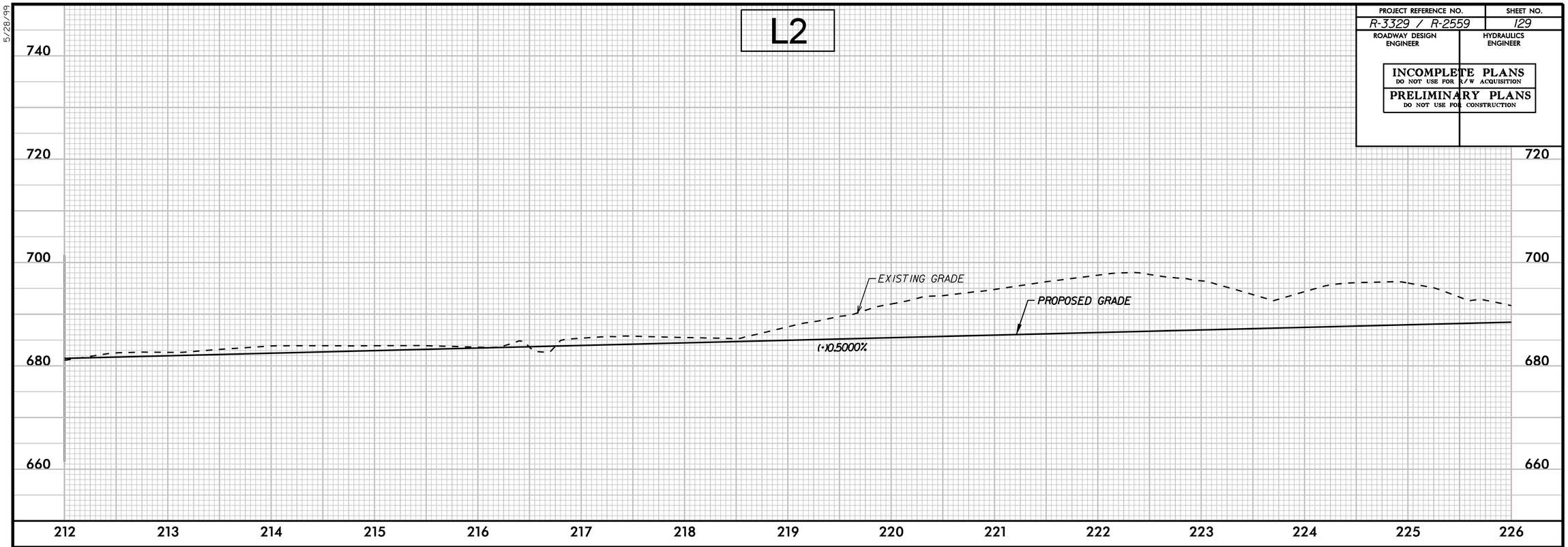
5/28/99

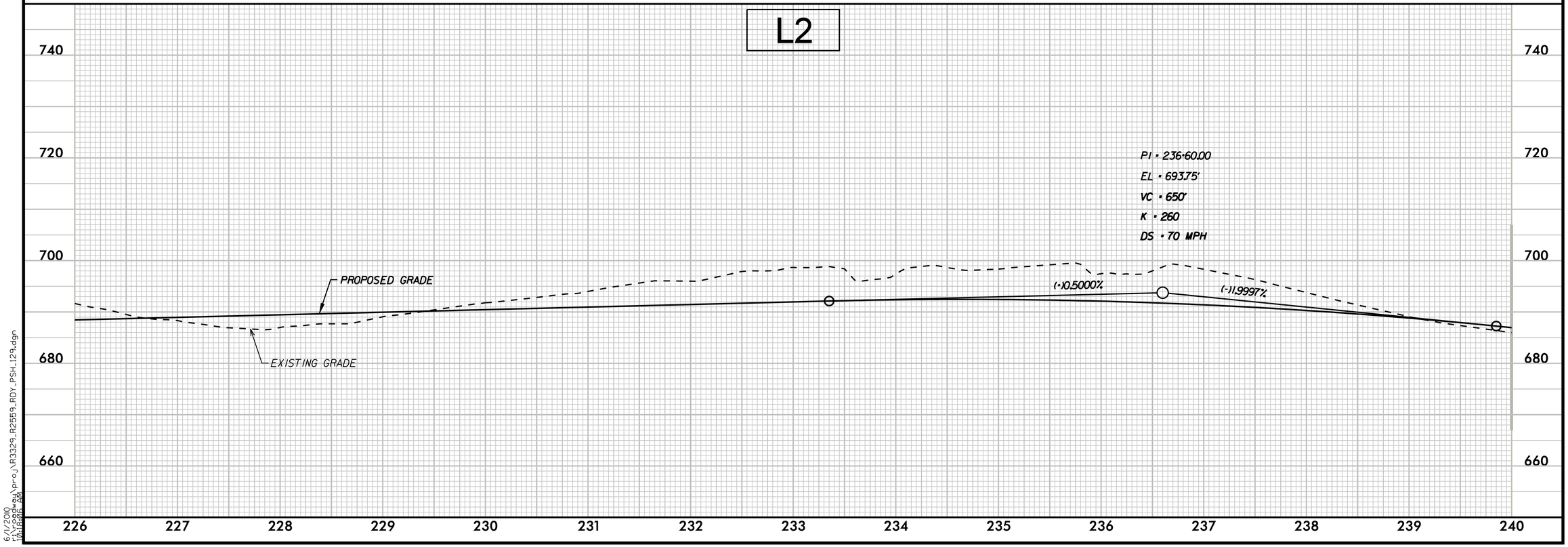
6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_128.dgn
04:20:21 PM

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	129
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION





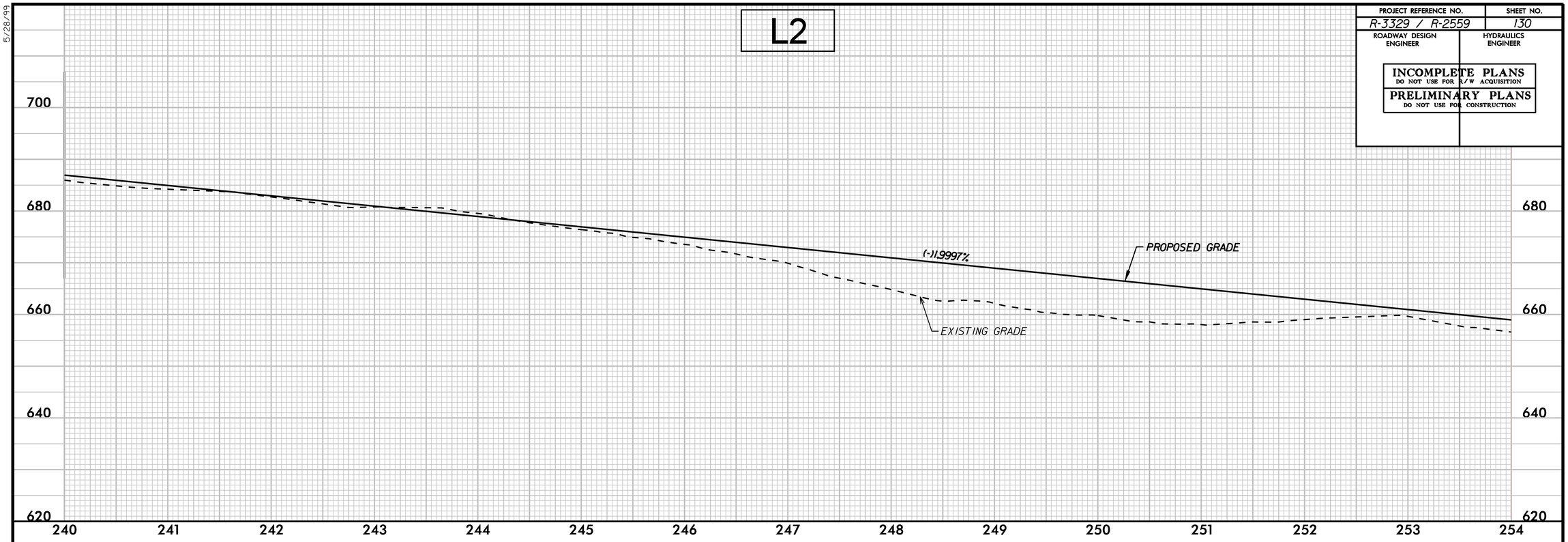
5/28/99

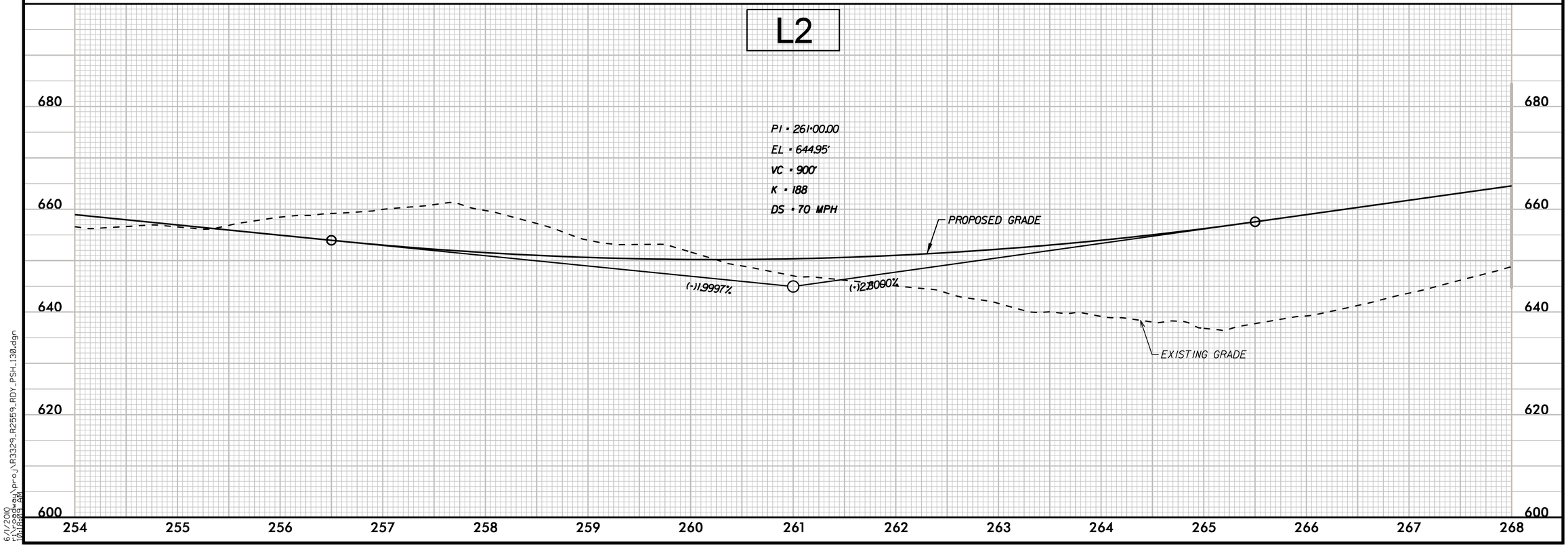
6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_129.dgn
04:26:26 PM

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	130
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION





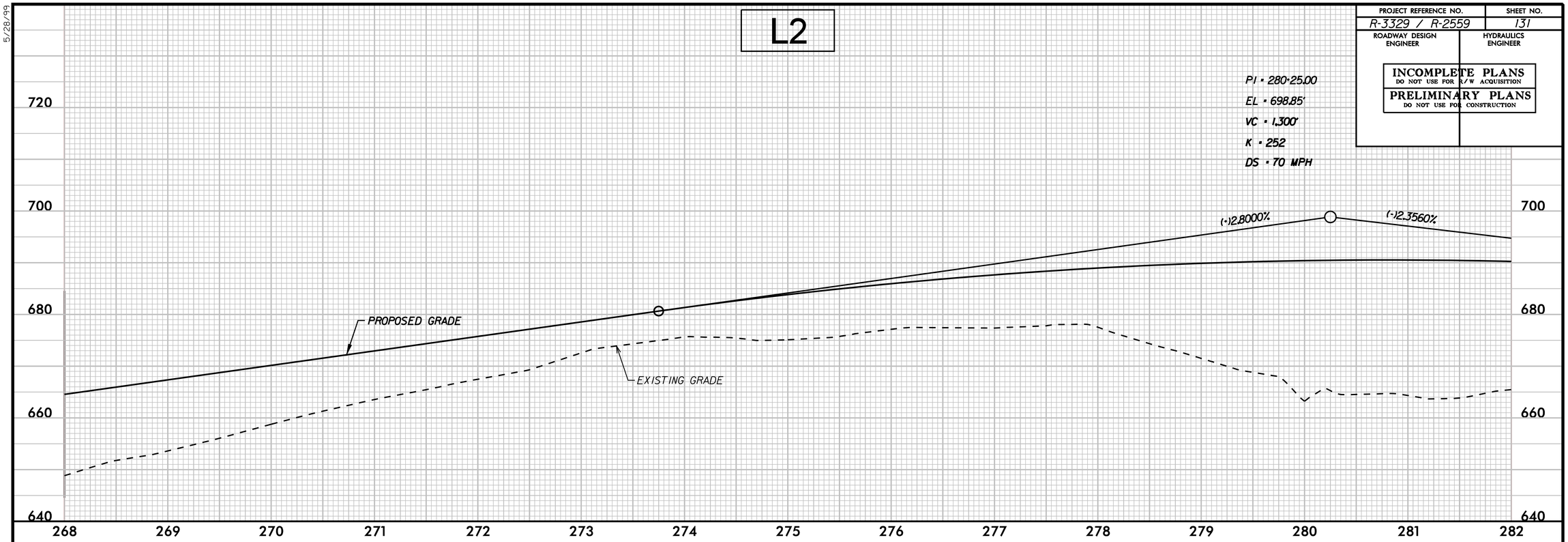
5/28/99

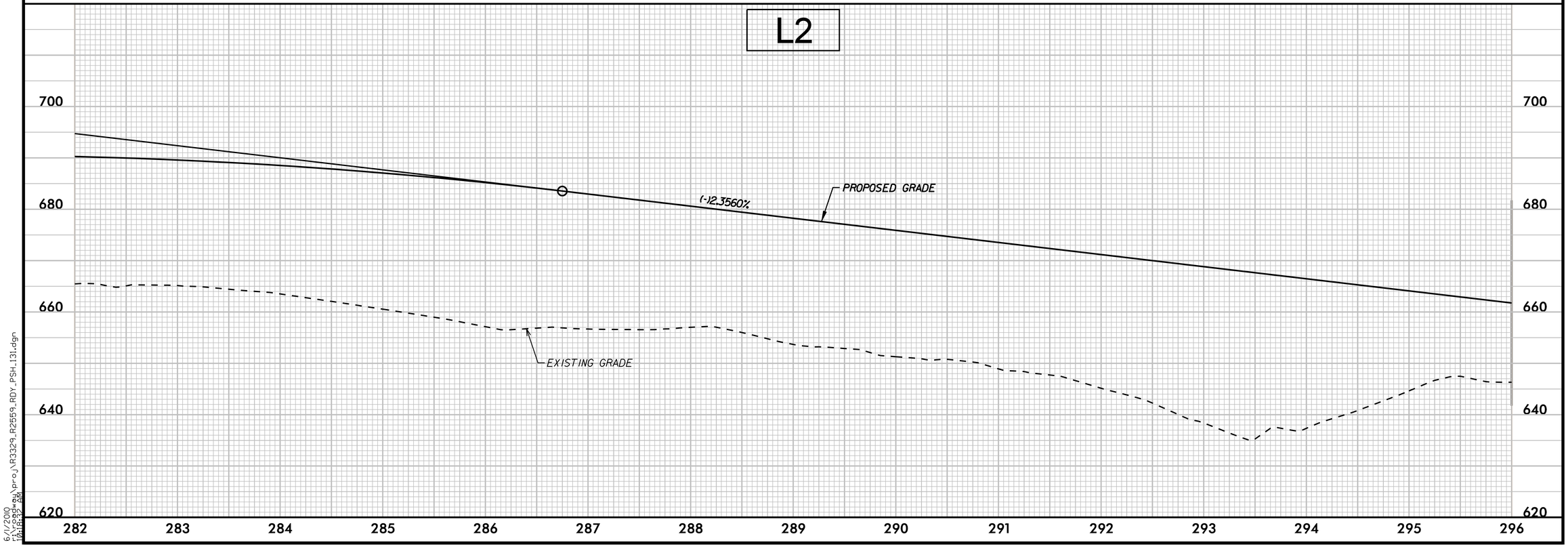
6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_130.dgn
04:20:24 PM

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	131
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION





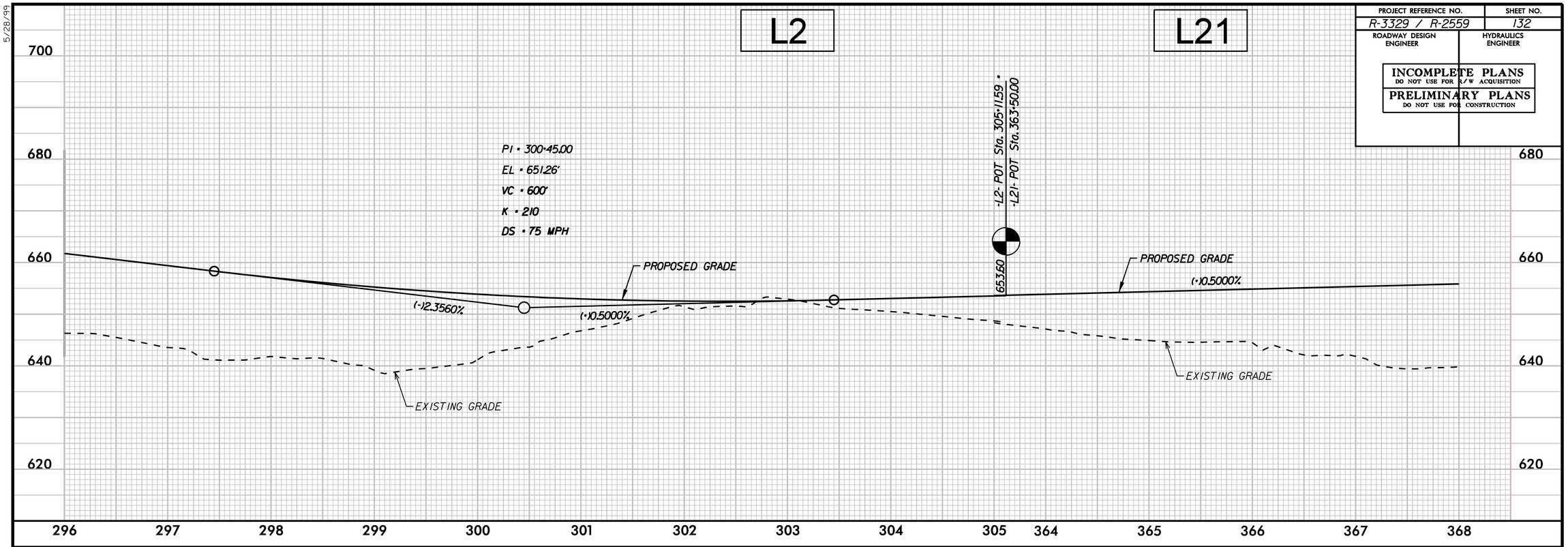
5/28/99

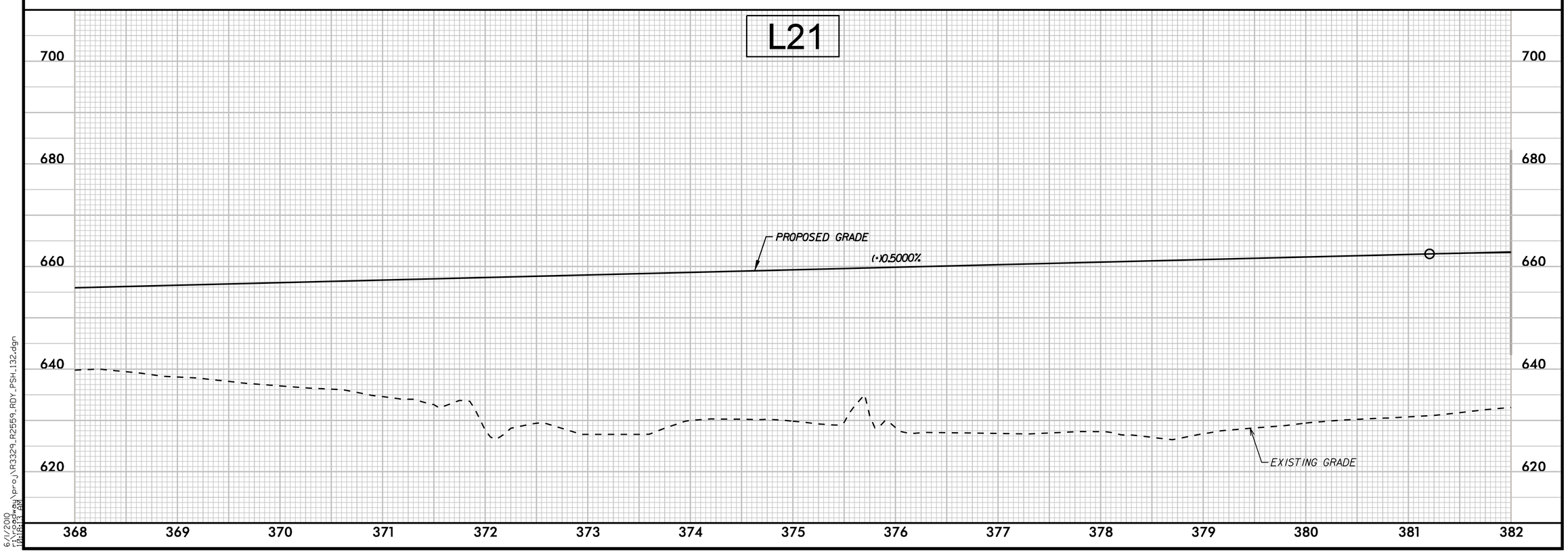
6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_131.dgn
(DATA) AM

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	132
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION





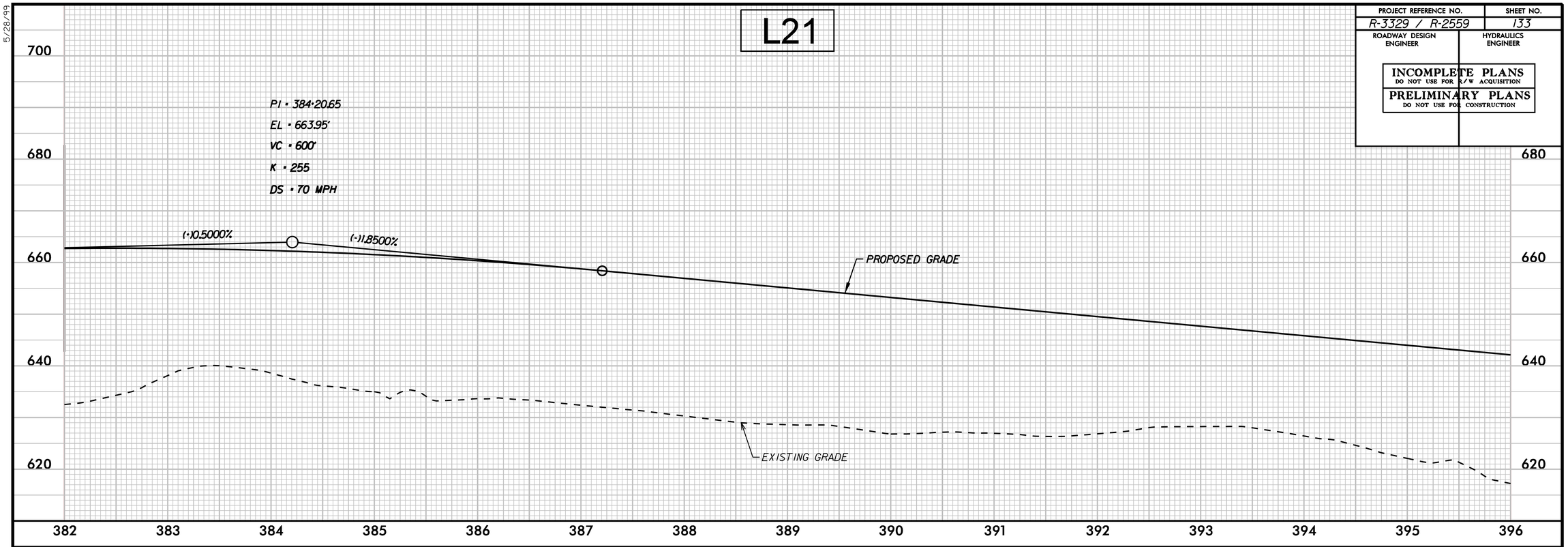
5/28/99

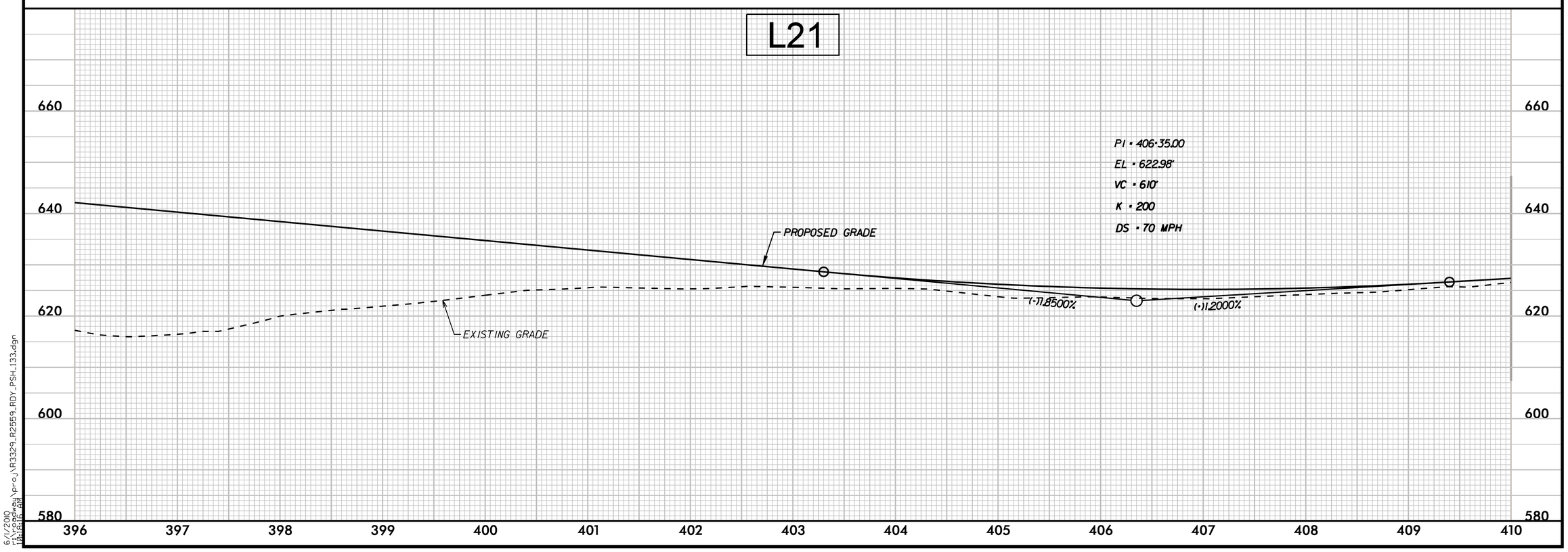
6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_132.dgn
08:21:27 AM

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	133
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION





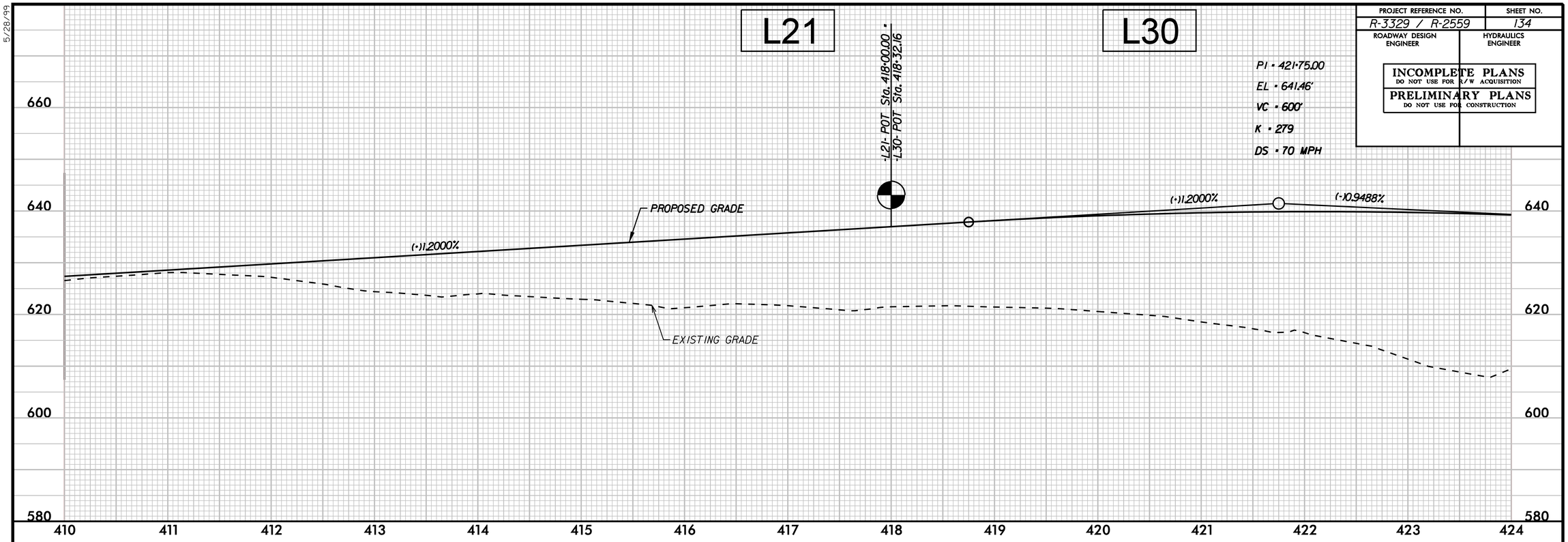
5/28/99

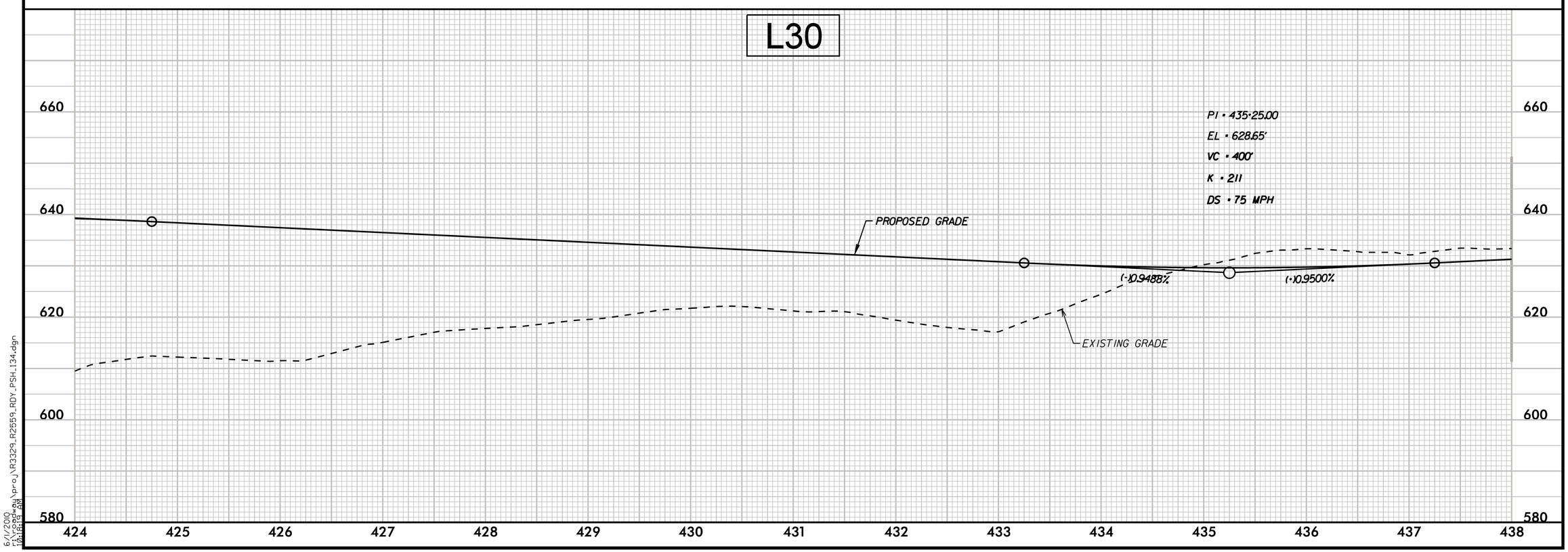
6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_133.dgn
04:12:12 PM

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	134
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION





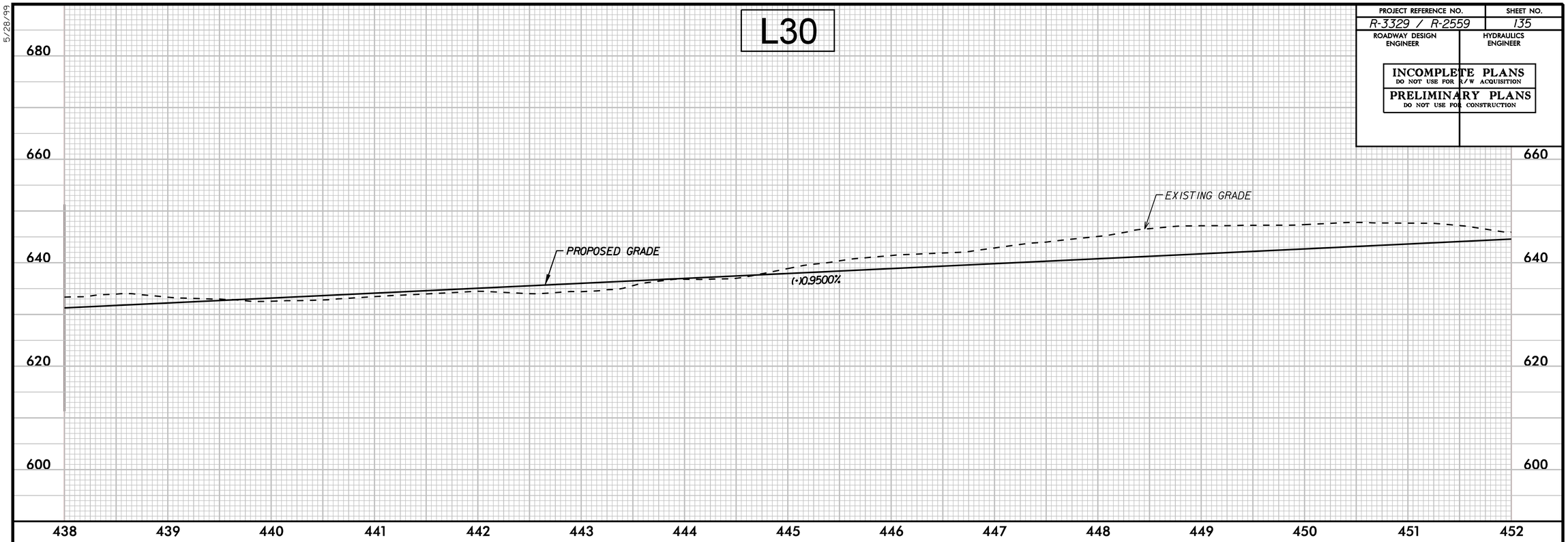
5/28/99

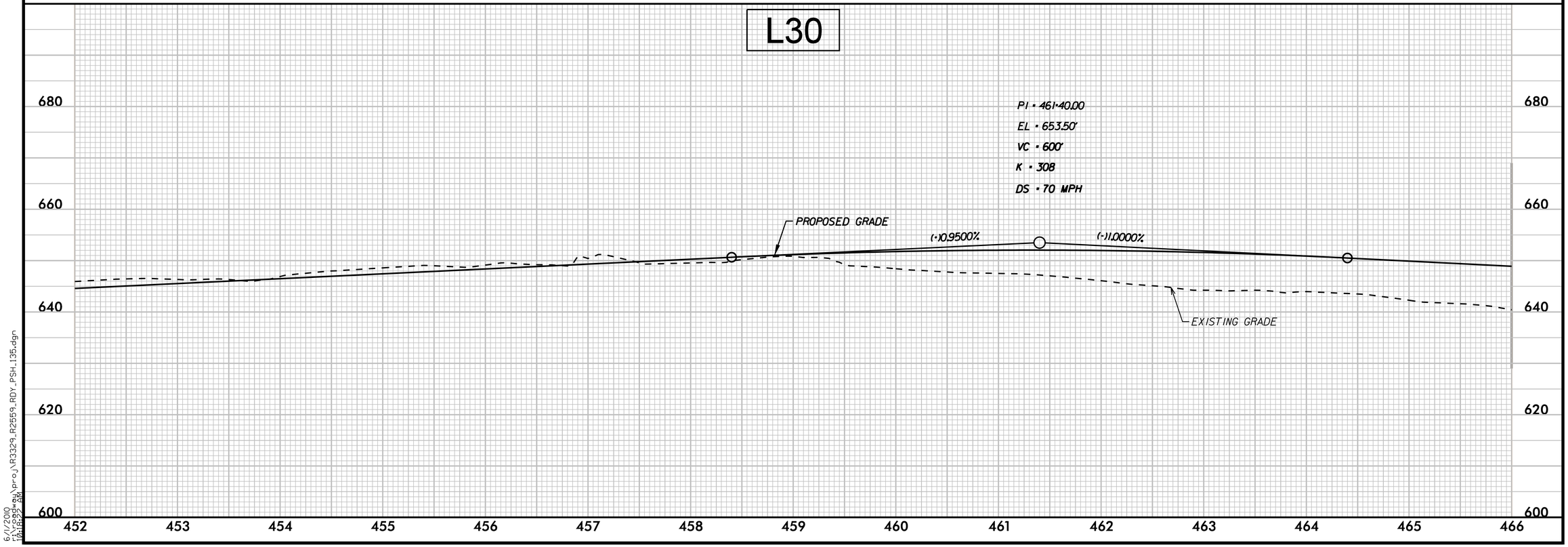
6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_134.dgn
10:18:37 AM

PROJECT REFERENCE NO.	SHEET NO.
R-3329 / R-2559	135
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

INCOMPLETE PLANS
DO NOT USE FOR R/W ACQUISITION

PRELIMINARY PLANS
DO NOT USE FOR CONSTRUCTION





5/28/99

6/1/2010
r:\roadway\proj\R3329_R2559_RDY_PSH_135.dgn
08:42 AM