

**This electronic collection of documents is provided
for the convenience of the user
and is Not a Certified Document –**

**The documents contained herein were originally issued
and sealed by the individuals whose names and license
numbers appear on each page, on the dates appearing
with their signature on that page.**

**This file or an individual page
shall not be considered a certified document.**

BELOW

COMPUTED BY: BNE DATE: 8/9/2017
CHECKED BY: JGD DATE: 7/7/2017

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROJECT NO. I-4729A SHEET NO. 3D-1

Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout. See "Standard Specifications For Roads and Structures, Section 300-5".

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)

Table with columns: LINE & STATION, OFFSET, STRUCTURE NUMBER, TOP ELEVATION, INVERT ELEVATION, MINIMUM REQUIRED SLOPE, Side Drain Pipe (RCP, CSP, CAAP, HDPE, or PVC), R. C. PIPE CLASS III, R. C. PIPE CLASS IV, QUANTITIES FOR DRAINAGE STRUCTURES, FRAME, GRATES, AND HOOD, CONCRETE TRANSITIONAL SECTION, and ABBREVIATIONS. Includes a SHEET TOTALS row at the bottom.

COMPUTED BY: A. F. RIGGS, JR. DATE: JULY 2017
 CHECKED BY: A. A. NASH DATE: JULY 2017

(2-16-16)

PROJECT NO.
I-4729A

SHEET NO.
3G-1

**STATE OF NORTH CAROLINA
 DIVISION OF HIGHWAYS**

SUMMARY OF SUBSURFACE DRAINAGE

LINE	Station	Station	Location LT/RT/CL	Drain Type* UD/BD/SD	LF
CONTINGENCY				SD	2000
TOTAL LF:					2000

*UD = Underdrain
 *BD = Blind Drain
 *SD = Subsurface Drain

SUMMARY OF AGGREGATE SUBGRADE/STABILIZATION

LINE	Station	Station	Aggregate Type* ASU/AST	Aggregate Thickness INCHES	Shallow Undercut CY	Class IV Subgrade Stabilization TONS	Geotextile for Soil Stabilization SY	Stabilizer Aggregate TONS	Class IV Aggregate Stabilization TONS
CONTINGENCY			ASU	12	500	1000	1500	0	0
TOTAL CY/TONS/SY:					500	1000	1500**	0	0

*ASU = Aggregate Subgrade
 *AST = Aggregate Stabilization
 **Total square yards of "Geotextile for Soil Stabilization" is only the estimated quantity for ASU/AST and may only represent a portion of the geotextile quantity shown in the Item Sheets of the Proposal.

SUMMARY OF ROCK PLATING

LINE	Beginning Slope (H:V)	Approx. Station	Ending Slope (H:V)	Approx. Station	Location LT/RT	Rock Plating Detail No. 1/2/3/4	Riprap Class 1/2/B	Rock Plating SY
-EL-	2:1	43+00	2:1	48+65	RT	2	1	4200
TOTAL SY:								4200

SUMMARY OF BRIDGE WAITING PERIODS

Bridge Description	End Bent/ Bent No.	MONTHS
BRIDGE ON -RP_E- OVER -E_CONN_REV- AT 22+87.20 -RP_E-	1 & 2	1
BRIDGE ON -RP_F- OVER -EL- AT 21+44.22 -RP_F-	1 & 2	1

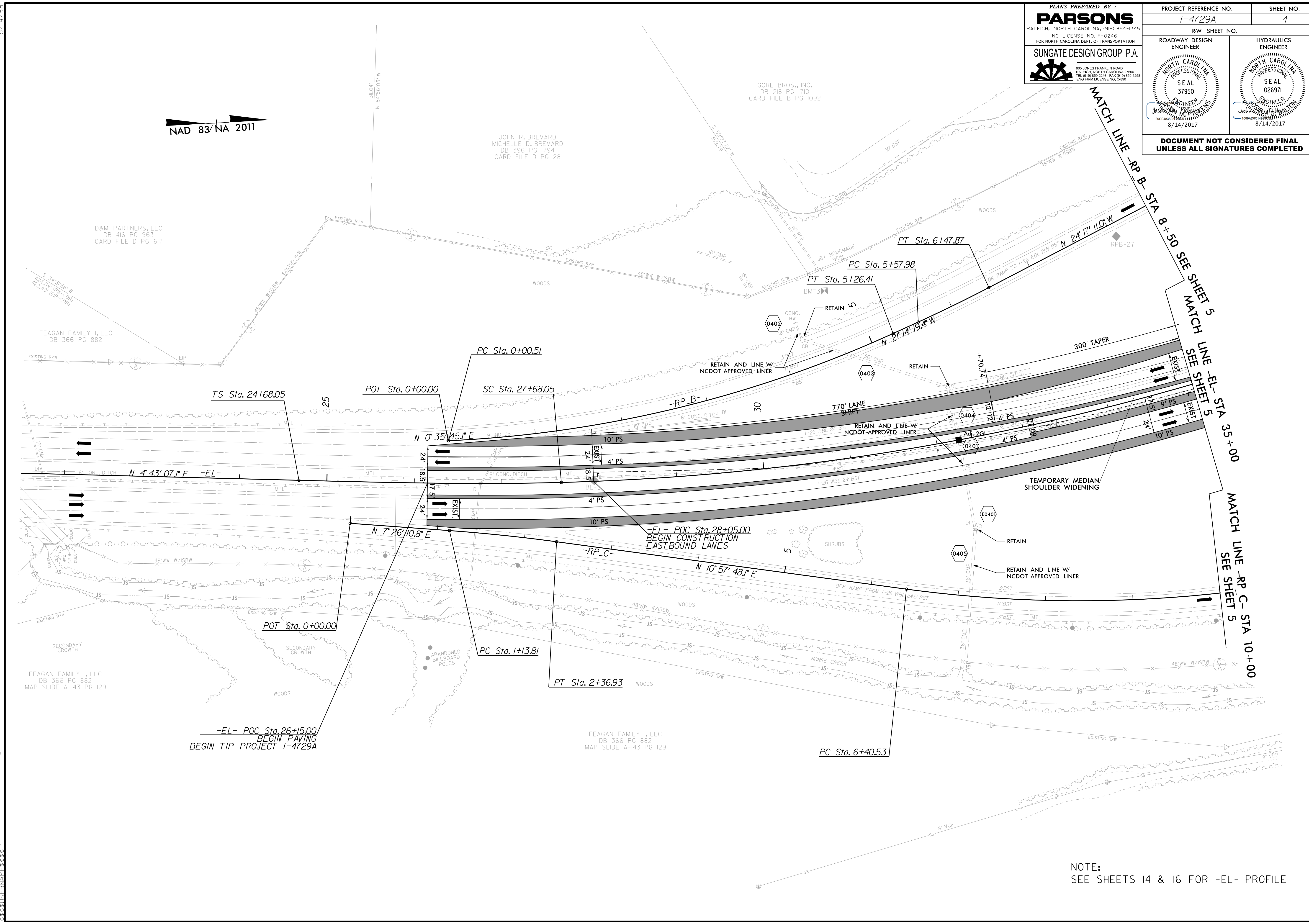
**SUMMARY OF
 SETTLEMENT GAUGES**

Gauge No.	LINE and Station	Offset	
		Distance FT	Direction
1	24+85 -E_CONN_REV-	30.5	LT
2	25+09 -E_CONN_REV-	30.5	LT
3	25+33 -E_CONN_REV-	30.5	LT
4	25+20 -E_CONN_REV-	25.5	RT
5	25+43 -E_CONN_REV-	25.5	RT
6	25+67 -E_CONN_REV-	25.5	RT
7	54+20 -EL-	72.5	RT
8	54+49 -EL-	72.5	RT
9	54+49 -EL-	72.5	RT
10	53+04 -EL-	70.5	LT
11	53+42 -EL-	70.5	LT
12	53+80 -EL-	70.5	LT
TOTAL GAUGES (EACH):			12

5/14/17

PLANS PREPARED BY: PARSONS RALEIGH, NORTH CAROLINA, (919) 854-1345 NC LICENSE NO. F-0246 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION		PROJECT REFERENCE NO. 1-4729A	SHEET NO. 4
SUNGATE DESIGN GROUP, P.A. 905 JONES FRANKLIN ROAD RALEIGH, NORTH CAROLINA 27606 TEL (919) 859-2243 FAX (919) 854-0258 ENG. FIRM LICENSE NO. C490		RW SHEET NO.	HYDRAULICS ENGINEER
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

NAD 83/NA 2011



D&M PARTNERS, LLC
DB 416 PG 963
CARD FILE D PG 617

FEAGAN FAMILY I, LLC
DB 366 PG 882

FEAGAN FAMILY I, LLC
DB 366 PG 882
MAP SLIDE A-143 PG 129

JOHN R. BREVARD
MICHELLE D. BREVARD
DB 396 PG 1794
CARD FILE D PG 28

GORE BROS., INC.
DB 218 PG 1710
CARD FILE B PG 1092

-EL- POC Sta. 26+15.00
BEGIN PAVING
BEGIN TIP PROJECT 1-4729A

FEAGAN FAMILY I, LLC
DB 366 PG 882
MAP SLIDE A-143 PG 129

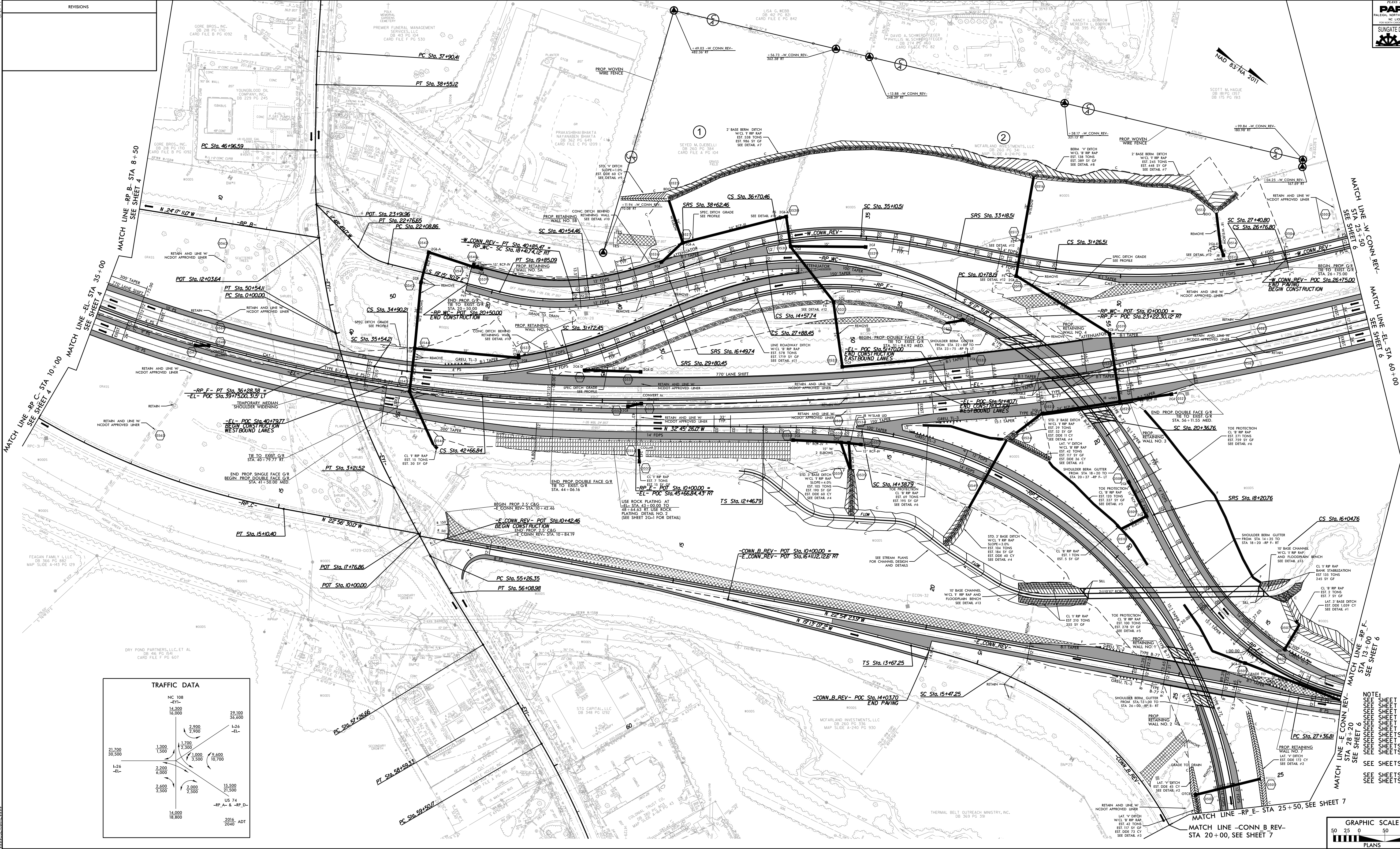
NOTE:
SEE SHEETS 14 & 16 FOR -EL- PROFILE

J:\1-4729A\1-4729A.RDY_PSH_04.dgn
14-AUG-2017 09:48
5/14/17 10:58 AM

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	8/14/2017

<p>PARSONS 1144 3790 SUNATE DESIGN GROUP, P.A. 8/14/2017</p>	<p>PROJECT REFERENCE NO. 1-4729A SHEET NO. 5 SHEET NO. RW-4 ROADWAY DESIGN ENGINEER HYDRAULICS ENGINEER 8/14/2017</p>
--	---

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

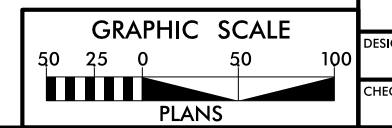


NOTE: SHEET 28-1 FOR BRIDGE SKETCHES
SHEET 28-2 FOR HORIZONTAL CURVE DATA
SHEET 28-3 FOR DRAINAGE DETAILS
SHEET 8 FOR -RP-E- PROFILE
SHEET 9 FOR -RP-E- PROFILE
SHEET 10 FOR -RP-WC- PROFILE
SHEETS 11 & 12 FOR -W.CONN.REV.- PROFILE
SHEET 13 FOR -E.CONN.REV.- PROFILE
SHEETS 14 THRU 17 FOR -EL- PROFILE
SHEETS S1-1 THRU S1-24 FOR STRUCTURE PLANS
SEE SHEETS S2-1 THRU S2-9 FOR STRUCTURE PLANS
SEE SHEETS C-1 THRU C-6 FOR CULVERT PLANS
SEE SHEETS W-1 THRU W-20 FOR RETAINING WALL PLANS

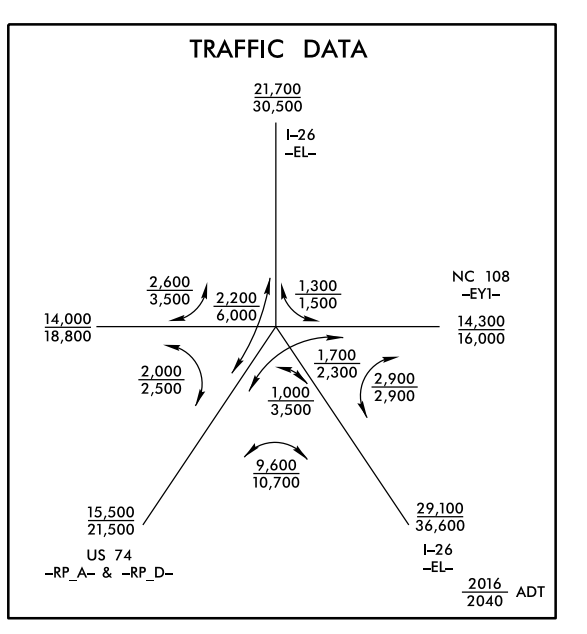
LOCATION: I-26 / US 74 INTERCHANGE MODIFICATION IN THE TOWN OF COLUMBUS

TP NO. 1-4729A COUNTY: FOLK

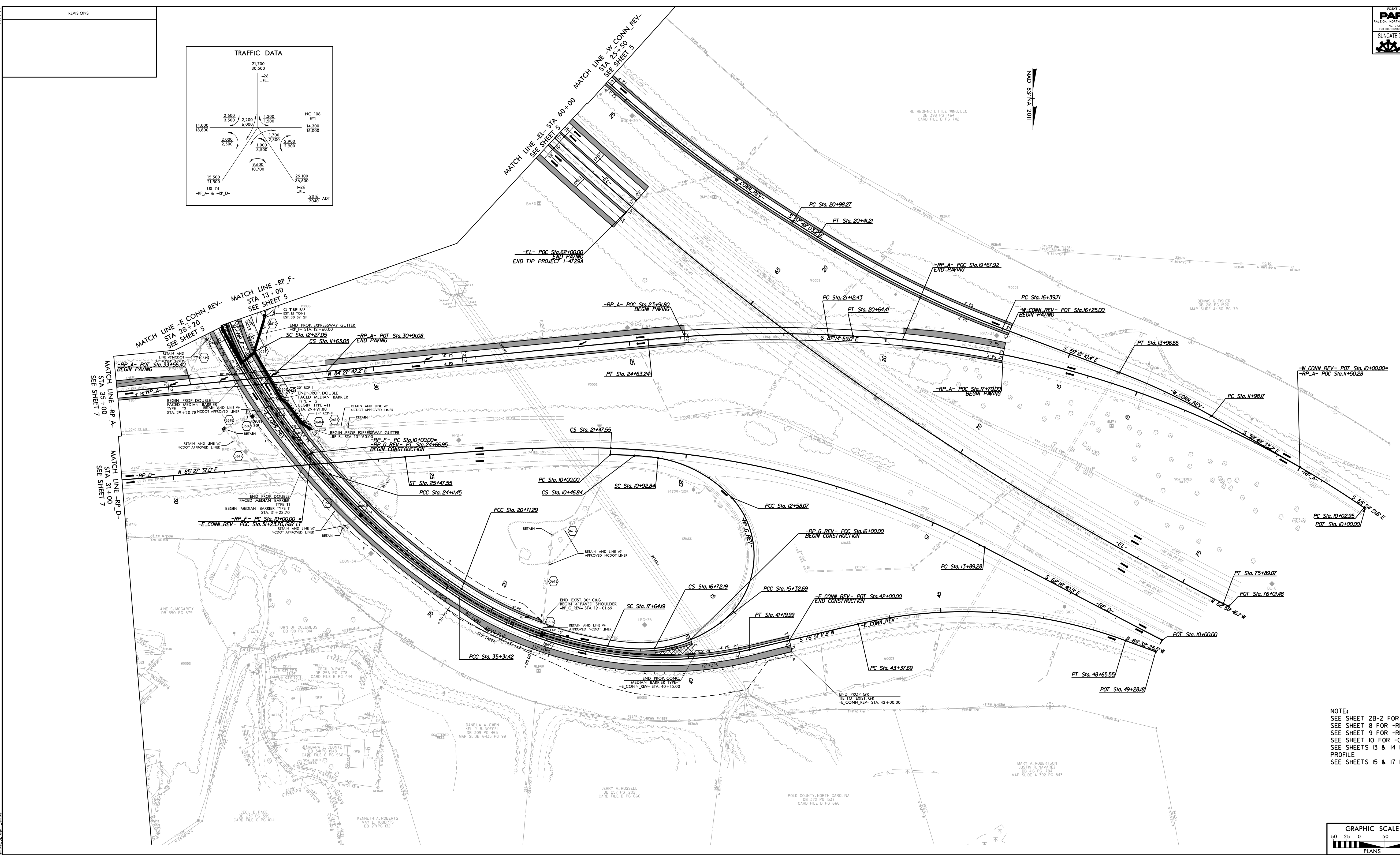
DESIGNED BY: J. MATTHEW PICKENS, PE
CHECKED BY: DAVID L. WILVER, PE DATE:



NO.	REVISIONS



PREPARED BY PARSONS SUNGATE DESIGN GROUP, P.A. <small>1144 3790 8714/2017</small>	PROJECT REFERENCE NO. 1-4729A	SHEET NO. 6
ROADWAY DESIGN ENGINEER <small>1144 3790 8714/2017</small>	HYDRAULICS ENGINEER <small>1144 3790 8714/2017</small>	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



NOTE:
 SEE SHEET 2B-2 FOR HORIZONTAL CURVE DATA
 SEE SHEET 8 FOR -RP.F- PROFILE
 SEE SHEET 9 FOR -RP.E- PROFILE
 SEE SHEET 10 FOR -CONN.B.REV- PROFILE
 SEE SHEETS 13 & 14 FOR -E.CONN.REV- PROFILE
 SEE SHEETS 15 & 17 FOR -EL- PROFILE

GRAPHIC SCALE 50 25 0 50 100 PLANS	LOCATION: I-26 / US 74 INTERCHANGE MODIFICATION IN THE TOWN OF COLUMBUS TWP NO. 1-4729A COUNTY: POLK DESIGNED BY: J. MATTHEW PICKENS, PE CHECKED BY: DAVID L. WELVER, PE DATE:
--	---

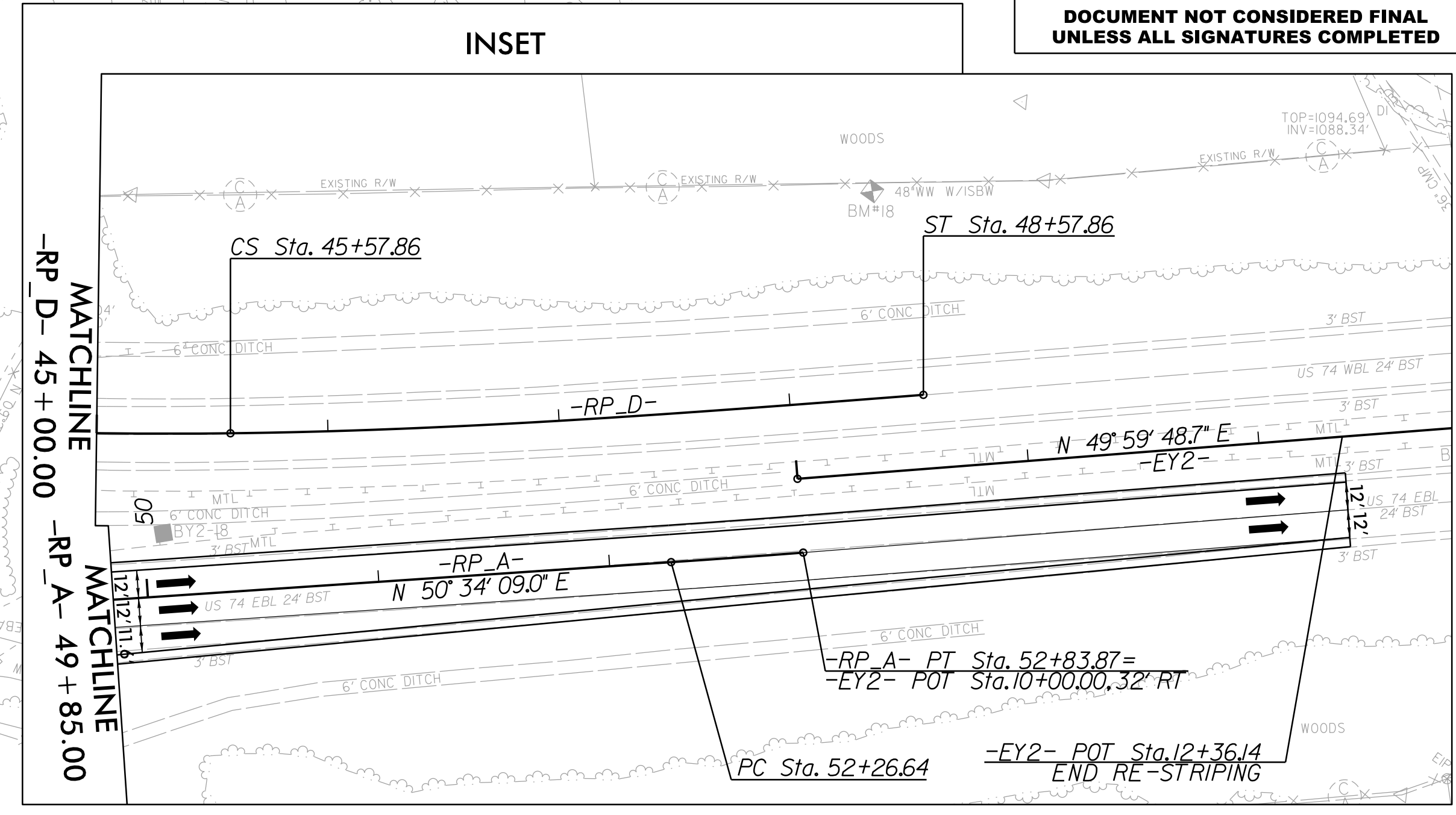
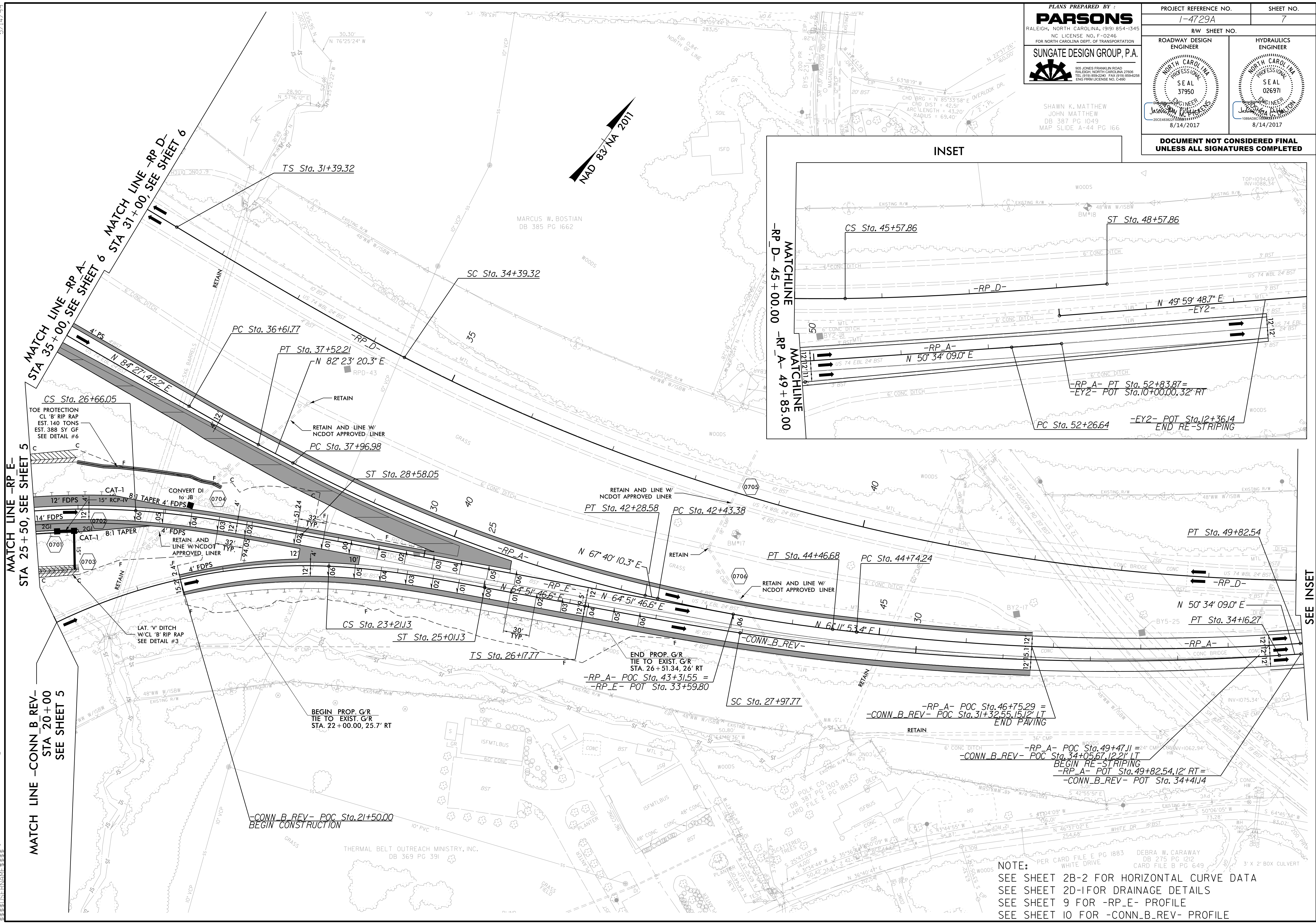
5/14/2017

PLANS PREPARED BY:
PARSONS
 RALEIGH, NORTH CAROLINA, (919) 854-1345
 NC LICENSE NO. F-0246
 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION
SUNGATE DESIGN GROUP, P.A.
 915 JONES FRANKLIN ROAD
 RALEIGH, NORTH CAROLINA 27606
 TEL (919) 854-2243 FAX (919) 854-2248
 ENG. FIRM LICENSE NO. C490

PROJECT REFERENCE NO. 1-4729A	SHEET NO. 7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

SHAWN K. MATTHEW
 JOHN MATTHEW
 DB 387 PG 1049
 MAP SLIDE A-44 PG 166

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**



J:\1-4729A\1-4729A.RDY_PSH_07.dgn
 14-AUG-2017 08:14
 1-4729A

NOTE:
 SEE SHEET 2B-2 FOR HORIZONTAL CURVE DATA
 SEE SHEET 2D-1 FOR DRAINAGE DETAILS
 SEE SHEET 9 FOR -RP-E- PROFILE
 SEE SHEET 10 FOR -CONN_B_REV- PROFILE

5/28/17

J:\17160\17160.dwg
 17160\17160.dwg
 J:\17160\17160.dwg
 J:\17160\17160.dwg
 J:\17160\17160.dwg
 J:\17160\17160.dwg

BM #16 ELEVATION = 1048.33'
 N = 562057.22 E = 1042728.02
 -RP_F- STATION 11+01.39
 366.04' LEFT
 BRIDGE SPIKE IN BASE 30" POPLAR

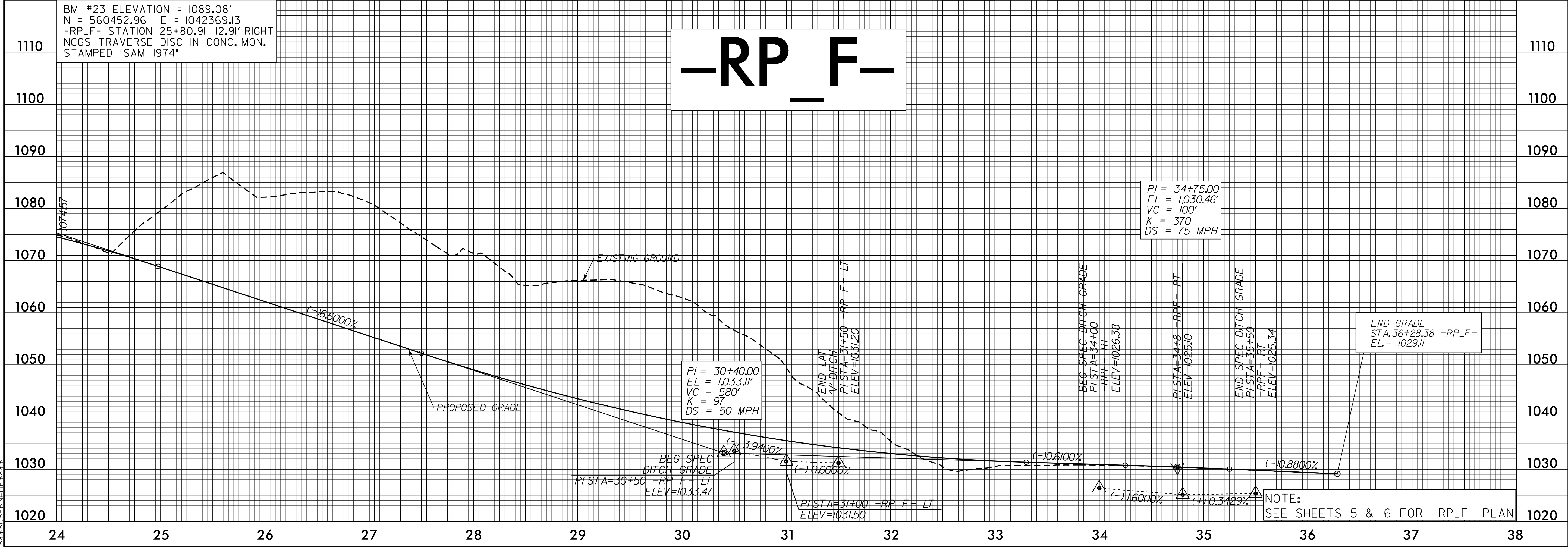
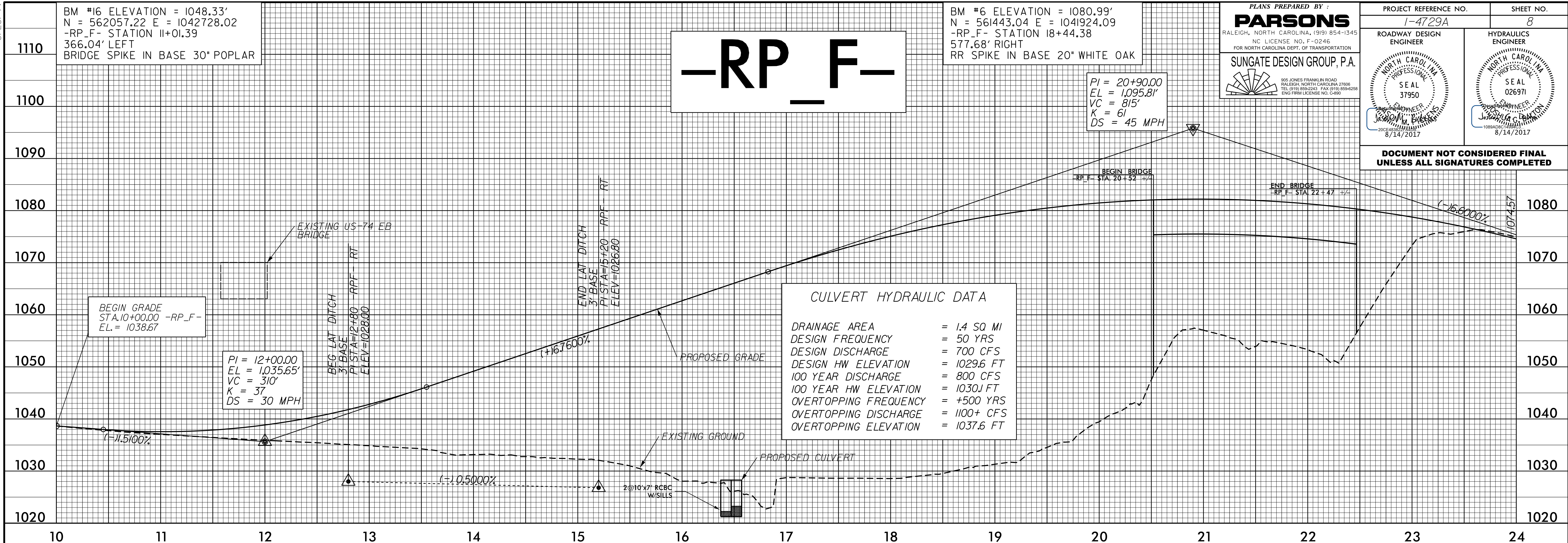
BM #6 ELEVATION = 1080.99'
 N = 561443.04 E = 1041924.09
 -RP_F- STATION 18+44.38
 577.68' RIGHT
 RR SPIKE IN BASE 20" WHITE OAK

PLANS PREPARED BY:
PARSONS
 RALEIGH, NORTH CAROLINA, (919) 854-1345
 NC LICENSE NO. F-0246
 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

SUNGATE DESIGN GROUP, P.A.
 815 JONES FRANKLIN ROAD
 RALEIGH, NORTH CAROLINA 27605
 TEL: (919) 859-2243 FAX: (919) 856-0258
 ENG. FROM LICENSE NO. C490

PROJECT REFERENCE NO. I-4729A	SHEET NO. 8
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**



5/28/17

BM #5 ELEVATION = 1038.02'
N = 560676.18 E = 1042573.29
-RP_E- STATION 15+10.84
15.08' LEFT
BRIDGE SPIKE IN BASE 12" BEECH

PIPE HYDRAULIC DATA
DRAINAGE STRUCTURE NO.0556

DRAINAGE AREA	= 8.4	AC
DESIGN FREQUENCY	= 50	YRS
DESIGN DISCHARGE	= 30	CFS
DESIGN HW ELEVATION	= 1029.4	FT
100 YEAR DISCHARGE	= 32	CFS
100 YEAR HW ELEVATION	= 1029.5	FT
OVERTOPPING FREQUENCY	= >500	YRS
OVERTOPPING DISCHARGE	= >75	CFS
OVERTOPPING ELEVATION	= 1045.0	FT

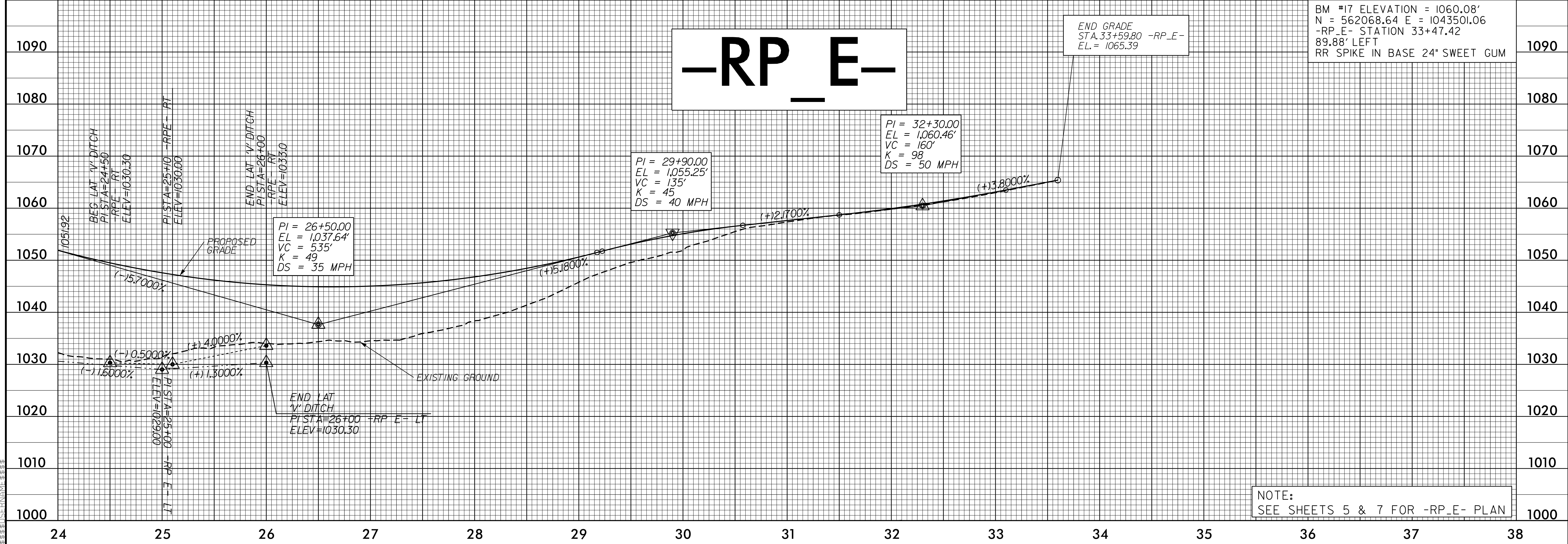
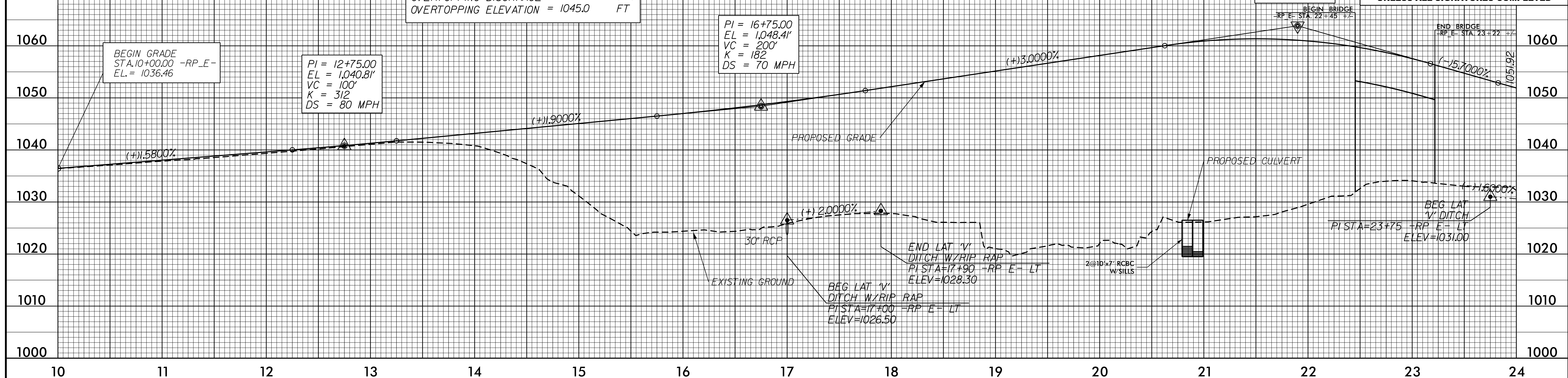
-RP_E-

PLANS PREPARED BY:
PARSONS
RALEIGH, NORTH CAROLINA, (919) 854-1345
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION
SUNGATE DESIGN GROUP, P.A.
915 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
TEL: (919) 859-2243 FAX: (919) 854-0258
ENG. FIRM LICENSE NO. C490

PROJECT REFERENCE NO.	1-4729A	SHEET NO.	9
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	

PI = 21+90.00
EL = 1063.86'
VC = 255'
K = 29
DS = 35 MPH

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



BM #17 ELEVATION = 1060.08'
N = 562068.64 E = 1043501.06
-RP_E- STATION 33+47.42
89.88' LEFT
RR SPIKE IN BASE 24" SWEET GUM

-RP_E-

NOTE:
SEE SHEETS 5 & 7 FOR -RP_E- PLAN

17-AUG-2017 08:45
U:\17250\17250A\17250A\PROJ\1-4729A_RDY_PFL_09.dgn
5/28/17 JWH

5/28/19

BM #25 ELEVATION = 1034.52'
N = 561306.53 E = 1042923.55
-CONN_B_REV- STATION 17+68.78
70.46' RIGHT
RR SPIKE IN BASE 20" POPLAR

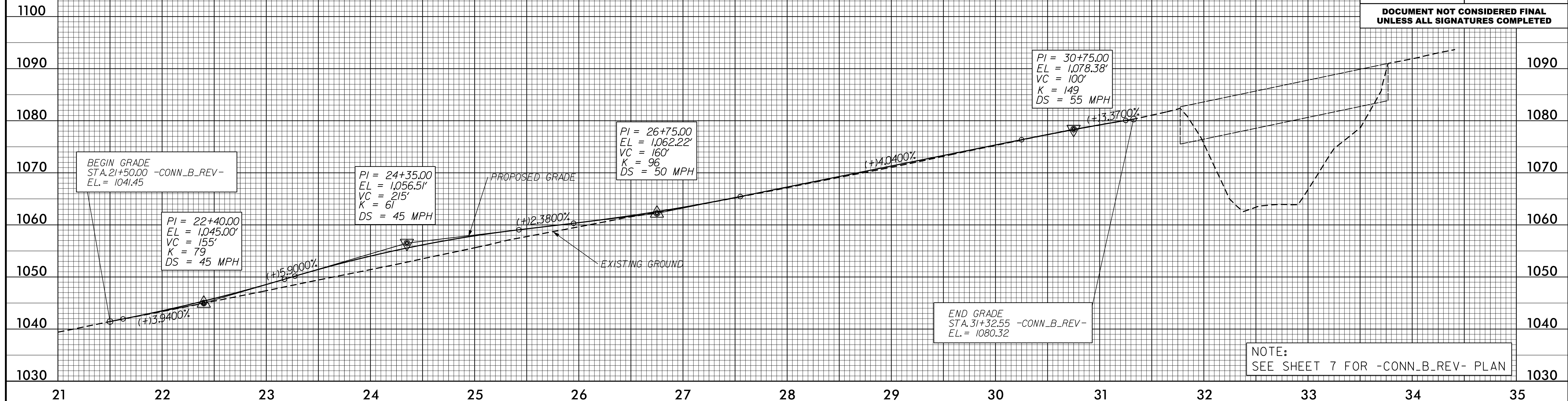
PLANS PREPARED BY :

PARSONS
RALEIGH, NORTH CAROLINA, (919) 854-1345
NC LICENSE NO. F-0246
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

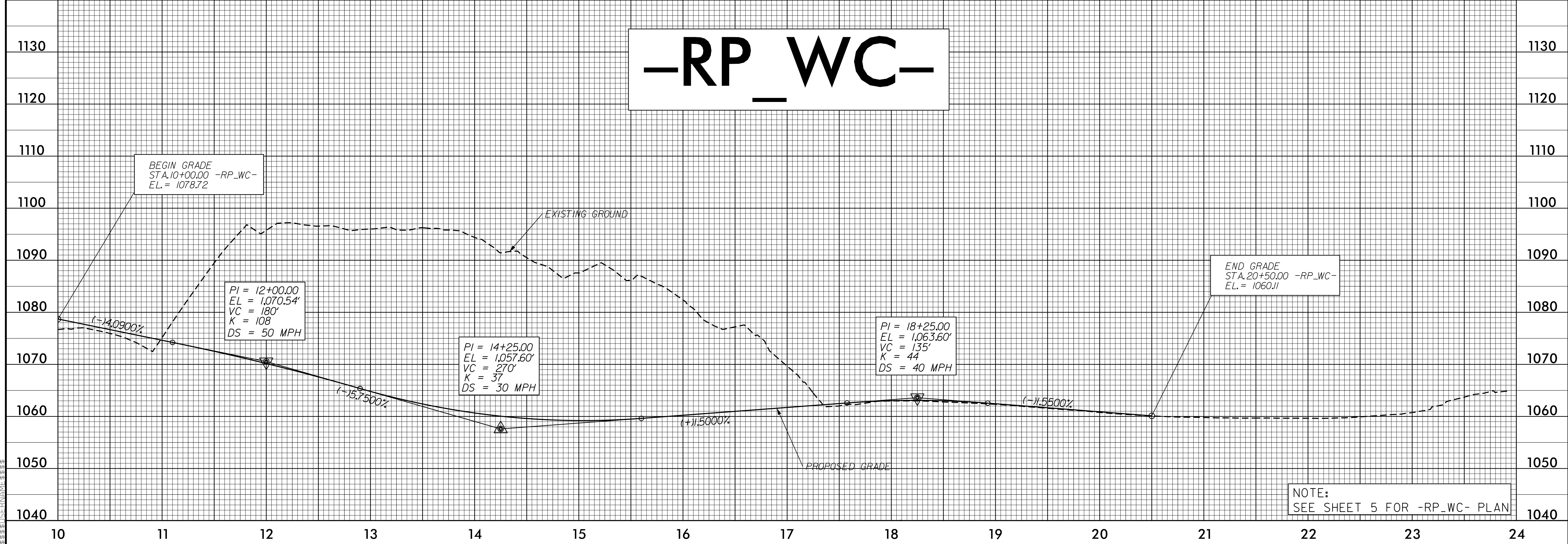
SUNGATE DESIGN GROUP, P.A.
915 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
TEL (919) 854-2243 FAX (919) 854-0258
ENG. FROM LICENSE NO. C490

PROJECT REFERENCE NO. I-4729A	SHEET NO. 10
ROADWAY DESIGN ENGINEER [Signature]	HYDRAULICS ENGINEER [Signature]
SEAL 37950 8/14/2017	SEAL 026971 8/14/2017

-CONN_B_REV-



-RP_WC-



I:\AUG_2017_0845\wau\proj\I-4729A_RDY_PFL_10.dgn

5/14/99

BM #7 ELEVATION = 1119.25'
N = 561877.32 E = 1040812.46
-W_CONN_REV- STATION 13+72.72
102.09' LEFT
RR SPIKE IN BASE 18" MAPLE

-W_CONN_REV-

PLANS PREPARED BY :

PARSONS
RALEIGH, NORTH CAROLINA, (919) 854-1345
NC LICENSE NO. F-0246
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

SUNGATE DESIGN GROUP, P.A.
905 JONES FRANKLIN ROAD
RALEIGH, NORTH CAROLINA 27606
TEL (919) 859-2243 FAX (919) 854-0258
ENG FROM LICENSE NO. C490

PROJECT REFERENCE NO. 1-4729A	SHEET NO. 11
ROADWAY DESIGN ENGINEER [Signature] 8/14/2017	HYDRAULICS ENGINEER [Signature] 8/14/2017

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

BM #24 ELEVATION = 1105.54'
N = 561430.98 E = 1041583.54
-W_CONN_REV- STATION 22+50.16
44.96 LEFT
RR SPIKE IN BASE TRIPLE TRUNK POPLAR

BEGIN GRADE
STA. 26+75.00 -W_CONN_REV-
EL. = 1096.61

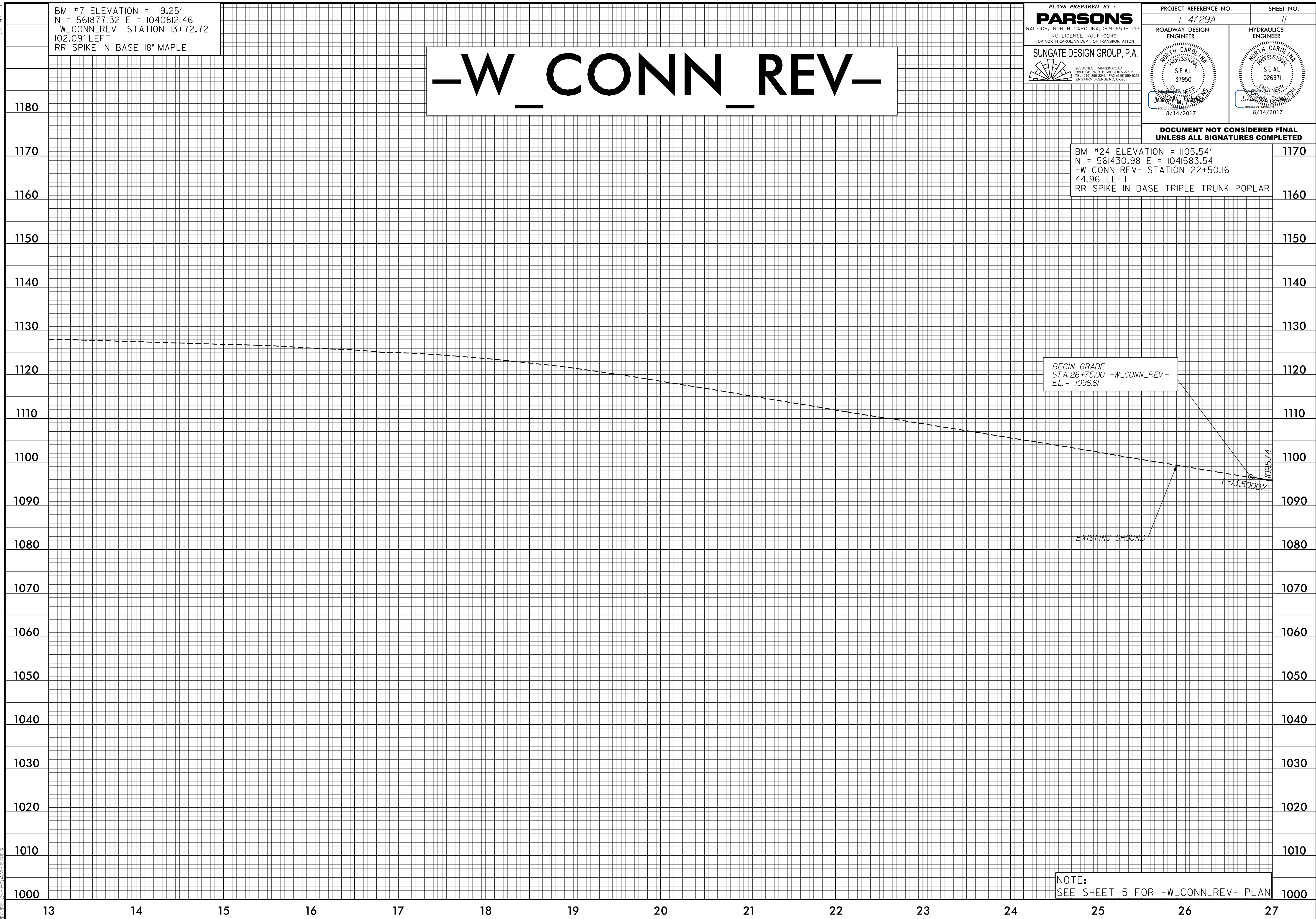
EXISTING GROUND

(-3.5000%)

1096.74

NOTE:
SEE SHEET 5 FOR -W_CONN_REV- PLAN

U:\AUG-2017\0815\11-4729A\W_CONN_REV.dgn
11-4729A\W_CONN_REV.dgn
11-4729A\W_CONN_REV.dgn



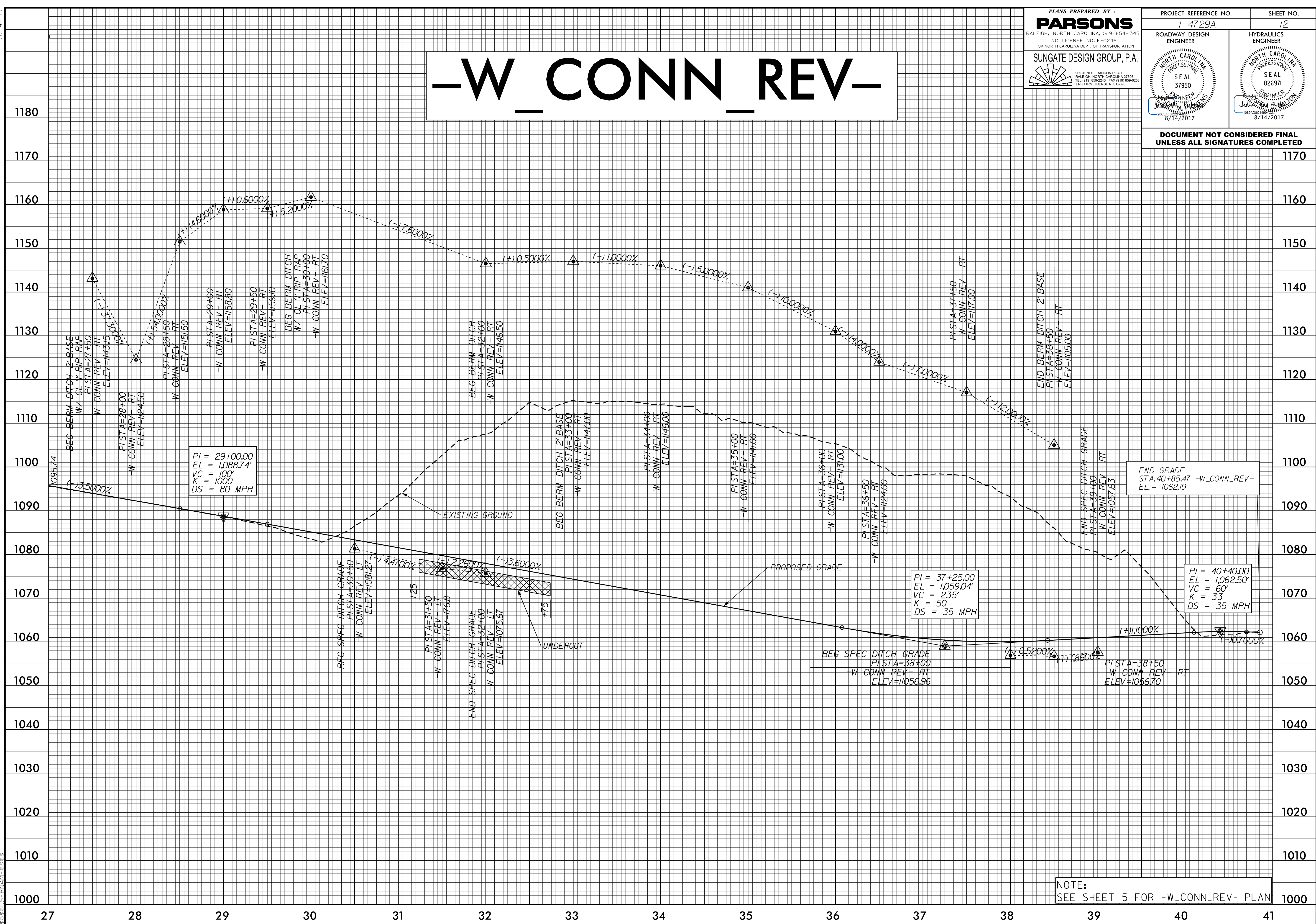
5/14/99

-W_CONN_REV-

PLANS PREPARED BY:
PARSONS
 RALEIGH, NORTH CAROLINA, (919) 854-1345
 NC LICENSE NO. F-0246
 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION
SUNGATE DESIGN GROUP, P.A.
 915 JONES FRANKLIN ROAD
 RALEIGH, NORTH CAROLINA 27606
 TEL: (919) 854-2243 FAX: (919) 854-0258
 ENG. FROM LICENSE NO. C490

PROJECT REFERENCE NO. 1-4729A	SHEET NO. 12
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
 NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 37950 8/14/2017	 NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 026971 8/14/2017

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



END GRADE
STA. 40+85.47 -W_CONN_REV-
EL. = 1062.19

PI = 40+40.00
EL = 1062.50'
VC = 60'
K = 33
DS = 35 MPH

PI = 37+25.00
EL = 1059.04'
VC = 235'
K = 50
DS = 35 MPH

PI = 29+00.00
EL = 1088.74'
VC = 100'
K = 1000
DS = 80 MPH

NOTE:
SEE SHEET 5 FOR -W_CONN_REV- PLAN

U:\11\2017\0815\11-4729A\11-4729A_PFL_12.dgn
5/14/2017 08:15
11-4729A_PFL_12.dgn
11-4729A_PFL_12.dgn

5/28/19

PLANS PREPARED BY :

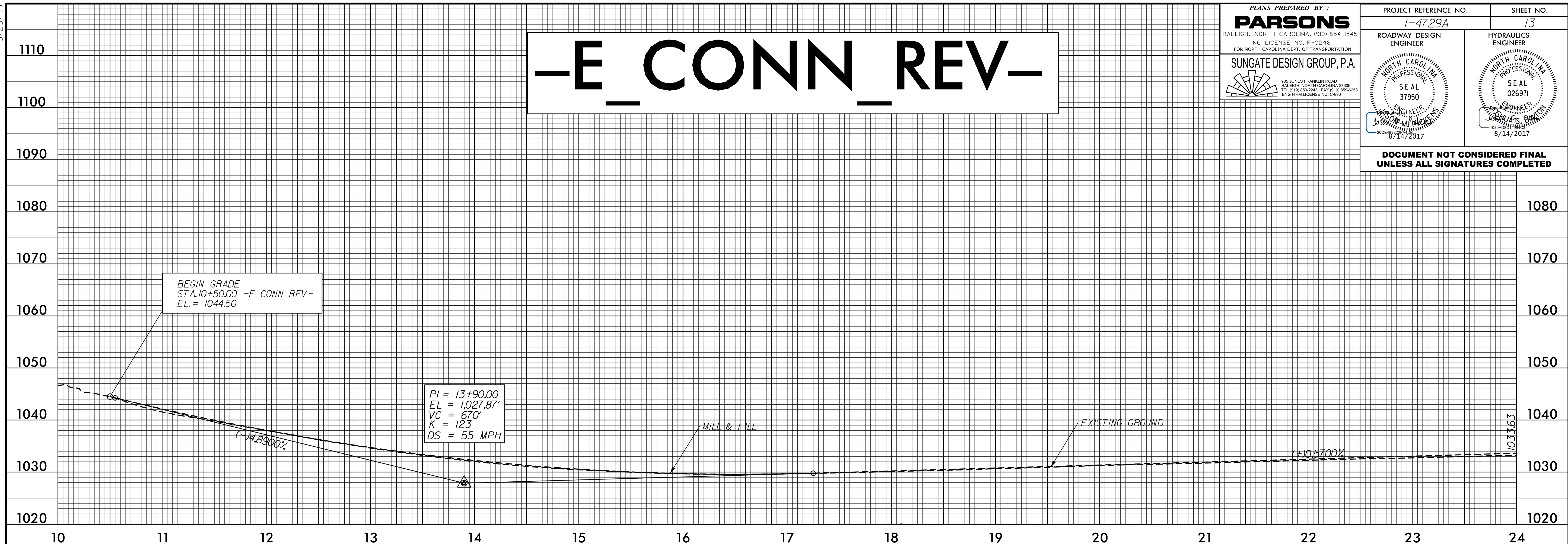
PARSONS
RALEIGH, NORTH CAROLINA, (919) 854-1345
 NC LICENSE NO. F-0246
 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

SUNGATE DESIGN GROUP, P.A.
915 JONES FRANKLIN ROAD
 RALEIGH, NORTH CAROLINA 27606
 TEL: (919) 859-2243 FAX: (919) 854-0258
 ENG. FROM LICENSE NO. C490

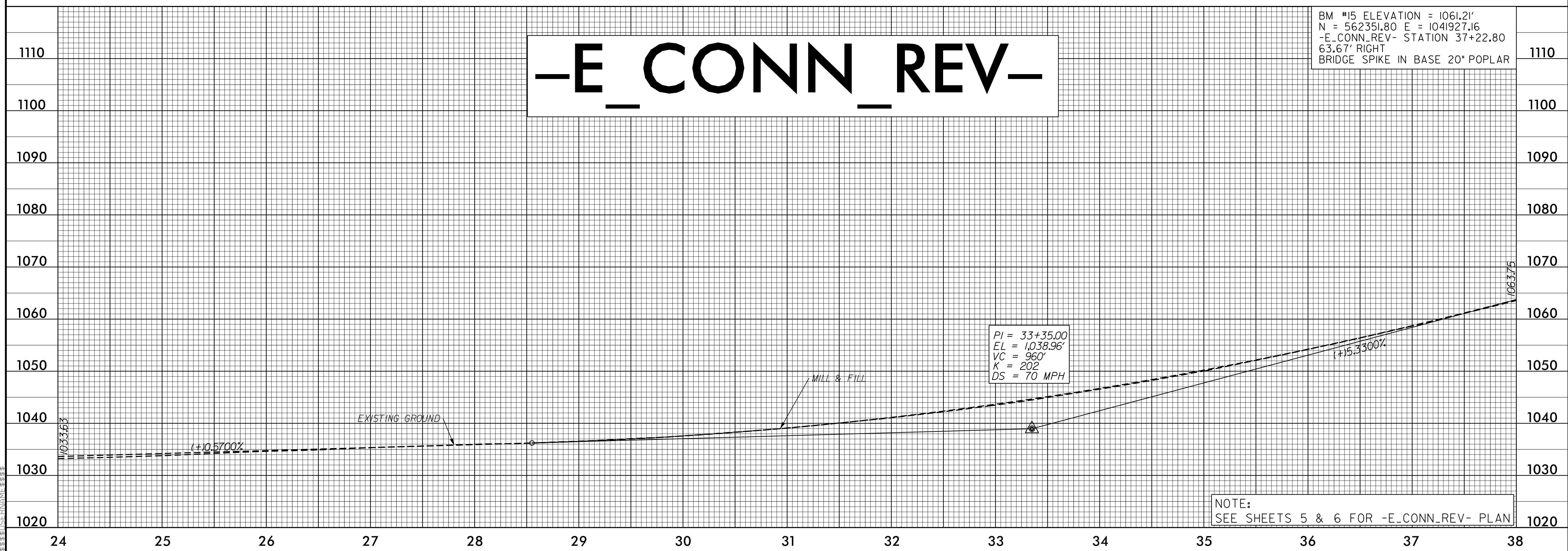
PROJECT REFERENCE NO. 1-4729A	SHEET NO. 13
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-E_CONN_REV-



-E_CONN_REV-



NOTE:
SEE SHEETS 5 & 6 FOR -E_CONN_REV- PLAN

14-AUG-2017 08:45
 U:\1\4729A\10845\wmu\p\1-4729A_RDY_PFL_13.dgn

5/28/19

PLANS PREPARED BY :

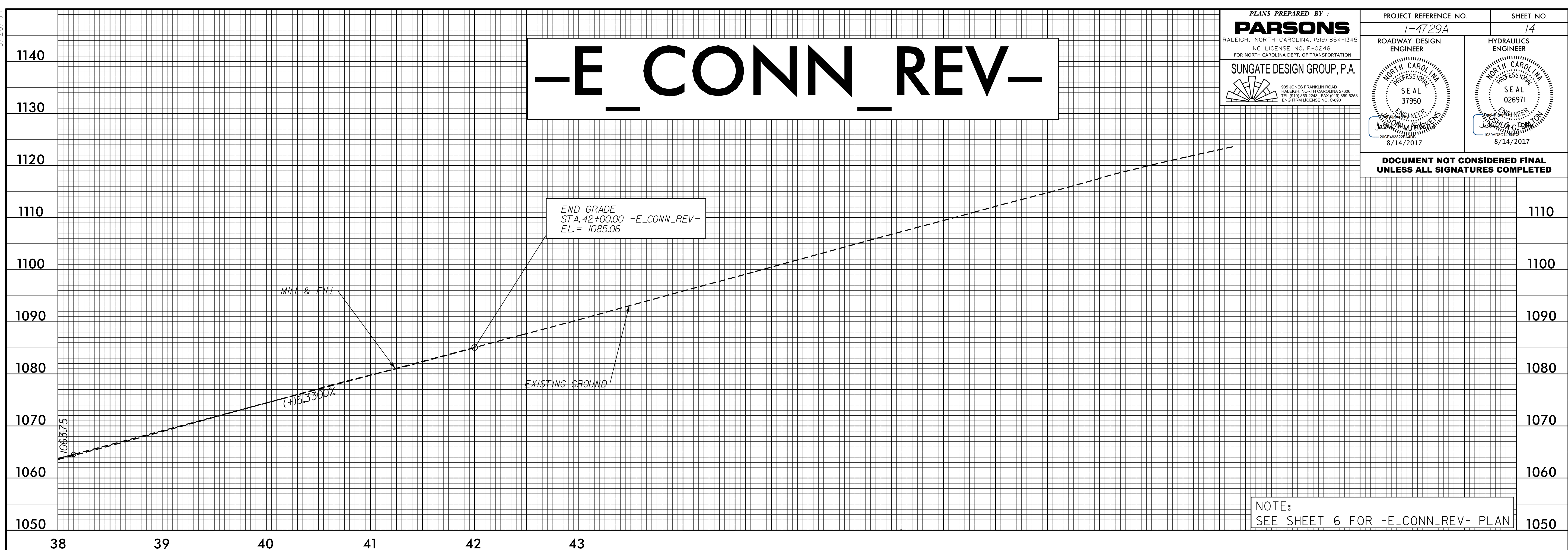
PARSONS
 RALEIGH, NORTH CAROLINA, (919) 854-1345
 NC LICENSE NO. F-0246
 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

SUNGATE DESIGN GROUP, P.A.
 915 JONES FRANKLIN ROAD
 RALEIGH, NORTH CAROLINA 27606
 TEL: (919) 854-2243 FAX: (919) 854-0258
 ENG. FROM LICENSE NO. 5490

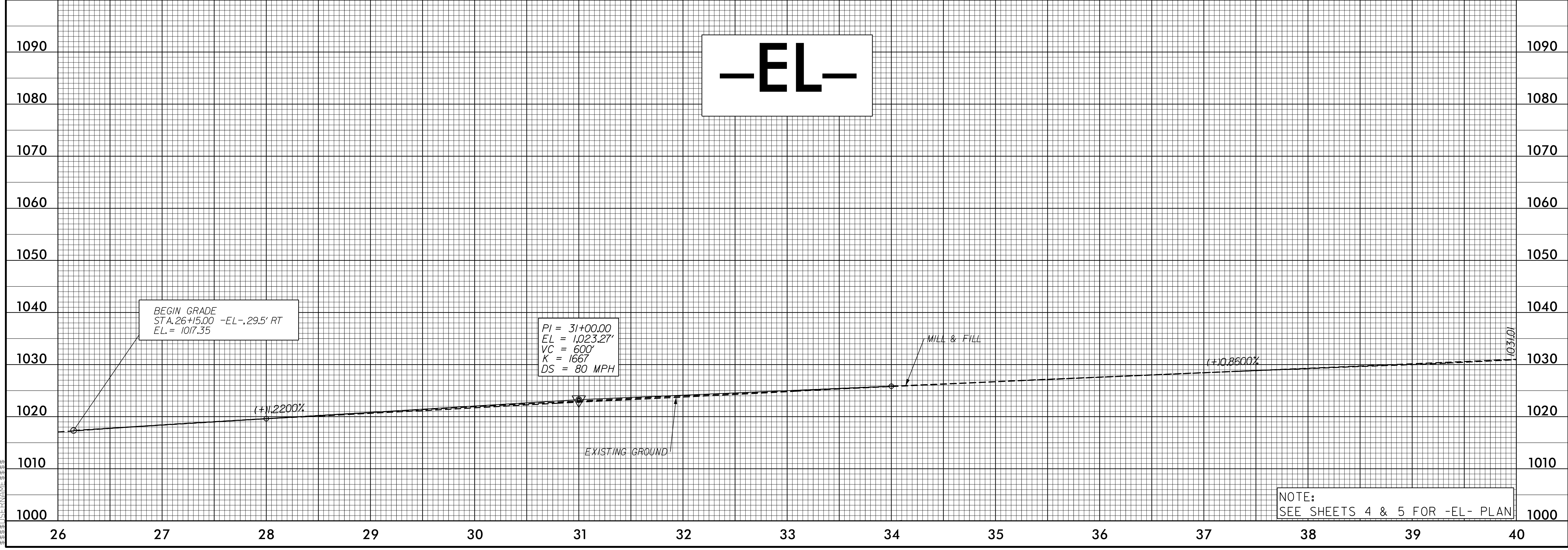
PROJECT REFERENCE NO. 1-4729A	SHEET NO. 14
ROADWAY DESIGN ENGINEER [Signature]	HYDRAULICS ENGINEER [Signature]
SEAL 37950 8/14/2017	SEAL 026971 8/14/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-E_CONN_REV-



-EL-



14-AUG-2017 08:45
I:\Projects\2017\14-4729A\Drawings\Profile\RDY_PFL_14.dgn

5/28/19

BM #4 ELEVATION = 1027.94'
 N = 559894.85 E = 1043102.04
 -EL- STATION 41+46.54
 91.95' RIGHT
 RR SPIKE IN BASE 15" SWEET GUM

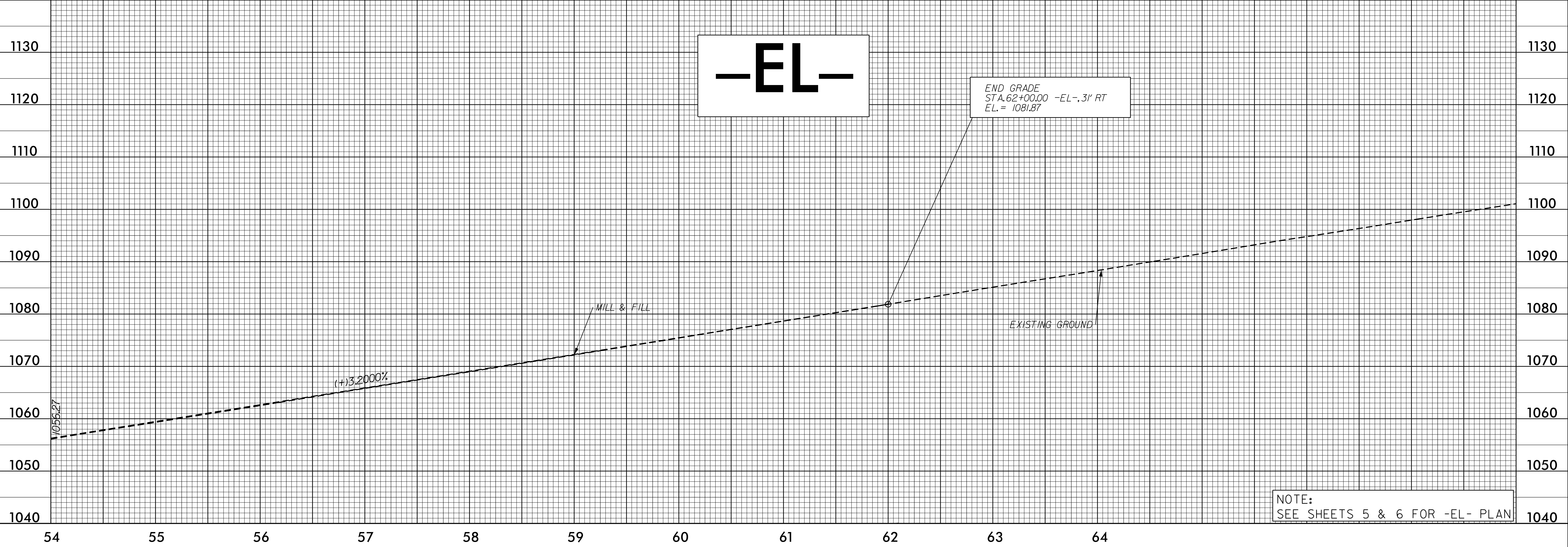
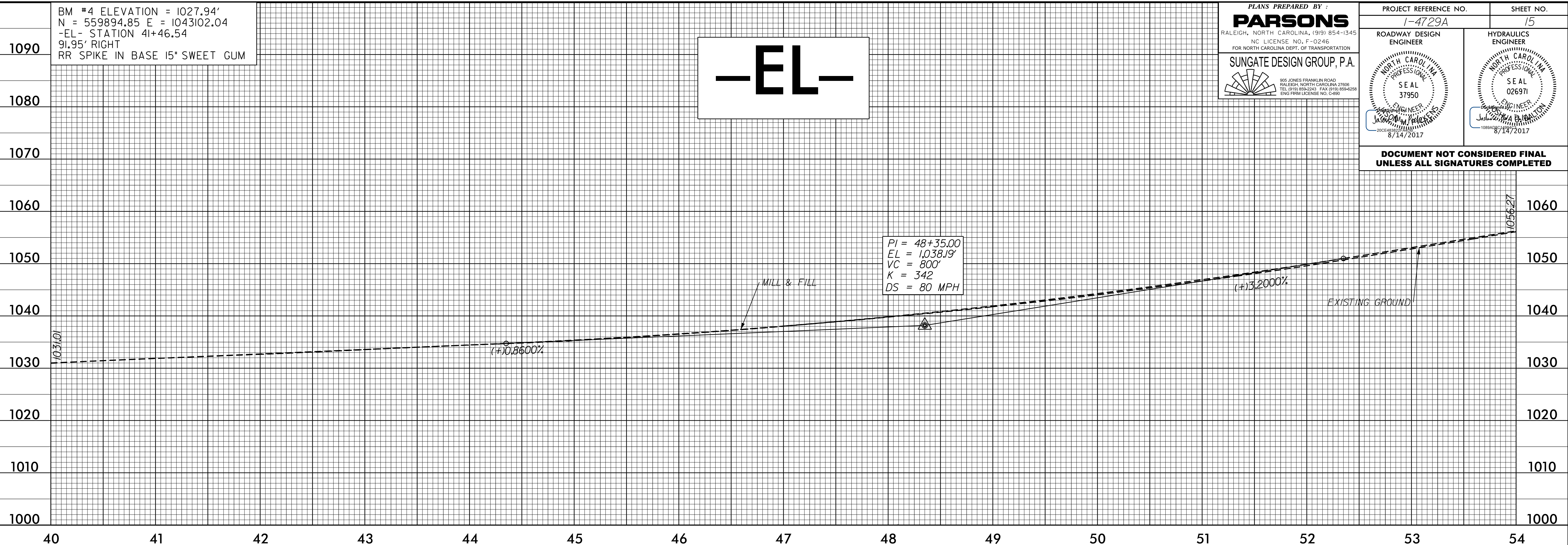
PLANS PREPARED BY :

PARSONS
 RALEIGH, NORTH CAROLINA, (919) 854-1345
 NC LICENSE NO. F-0246
 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

SUNGATE DESIGN GROUP, P.A.
 915 JONES FRANKLIN ROAD
 RALEIGH, NORTH CAROLINA 27606
 TEL (919) 859-2243 FAX (919) 854-0258
 ENG. REG. LICENSE NO. C490

PROJECT REFERENCE NO. I-4729A	SHEET NO. 15
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**



NOTE:
 SEE SHEETS 5 & 6 FOR -EL- PLAN

I:\1\17290A\10845\wau\Proj\I-4729A_RDY_PFL_15.dgn
 15-AUG-2017 08:45
 USER:WJW

5/28/99

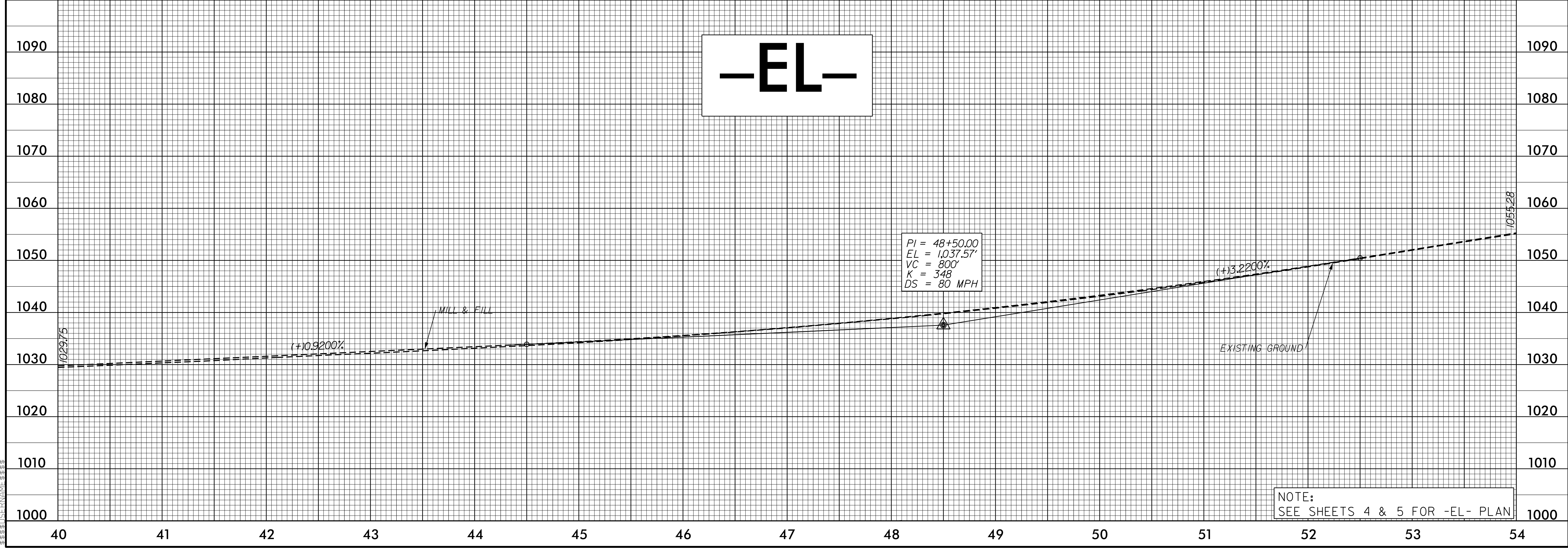
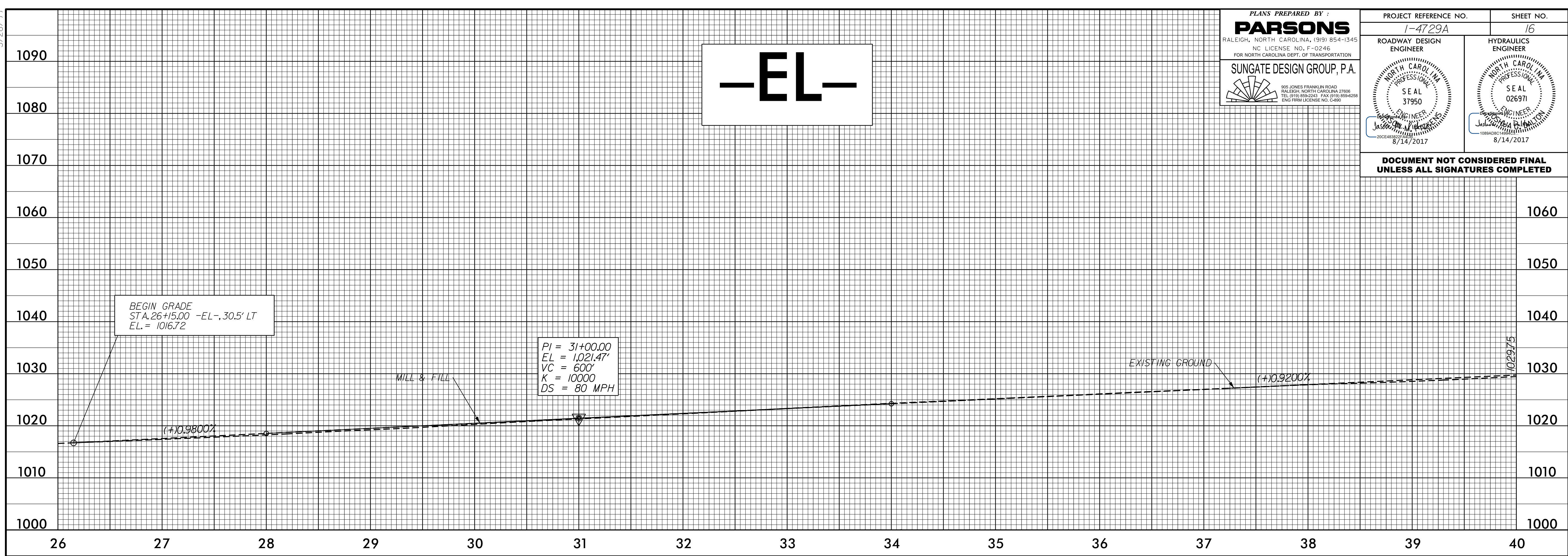
PLANS PREPARED BY :

PARSONS
RALEIGH, NORTH CAROLINA, (919) 854-1345
 NC LICENSE NO. F-0246
 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

SUNGATE DESIGN GROUP, P.A.
915 JONES FRANKLIN ROAD
 RALEIGH, NORTH CAROLINA 27606
 TEL (919) 859-2243 FAX (919) 854-0258
 ENG. REG. LICENSE NO. C490

PROJECT REFERENCE NO. 1-4729A	SHEET NO. 16
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
8/14/2017	8/14/2017

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**



NOTE:
 SEE SHEETS 4 & 5 FOR -EL- PLAN

M:\AUG_2017_0815
 J:\1172017A\10815\wau\Proj\1-4729A_RDY_PFL_16.dgn
 8/14/2017 10:45 AM
 J:\1172017A\10815\wau\Proj\1-4729A_RDY_PFL_16.dgn

5/28/17

PLANS PREPARED BY :

PARSONS
 RALEIGH, NORTH CAROLINA, (919) 854-1345
 NC LICENSE NO. F-0246
 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

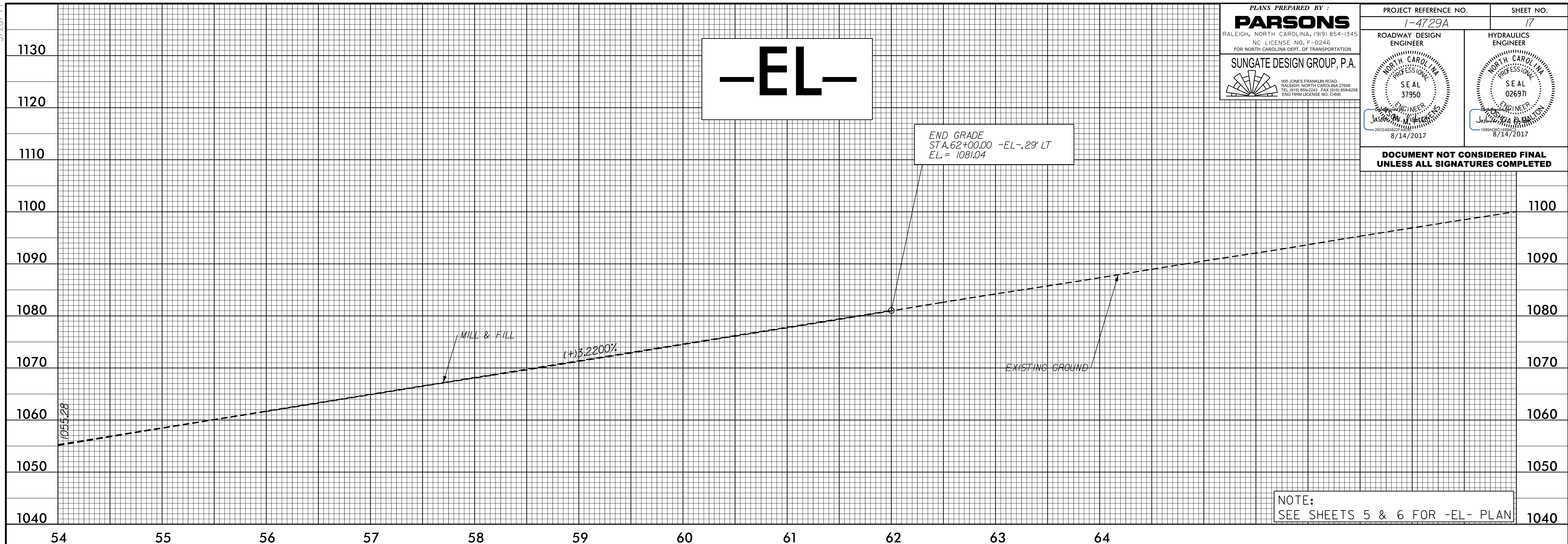
SUNGATE DESIGN GROUP, P.A.
 915 JONES FRANKLIN ROAD
 RALEIGH, NORTH CAROLINA 27606
 TEL: (919) 854-2243 FAX: (919) 854-0258
 ENG. FROM LICENSE NO. C-980

PROJECT REFERENCE NO. 1-4729A	SHEET NO. 17
ROADWAY DESIGN ENGINEER <i>[Signature]</i> 8/14/2017	HYDRAULICS ENGINEER <i>[Signature]</i> 8/14/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-EL-

END GRADE
STA. 62+00.00 -EL-, 29' LT
EL. = 1081.04



NOTE:
SEE SHEETS 5 & 6 FOR -EL- PLAN

I:\AUG-2017\0815\171729A\171729A.dwg\usernam\proj\1-4729A_RDY_PFL_17.dgn

09/08/19

TIP PROJECT: I-4729A

CONTRACT: C204039

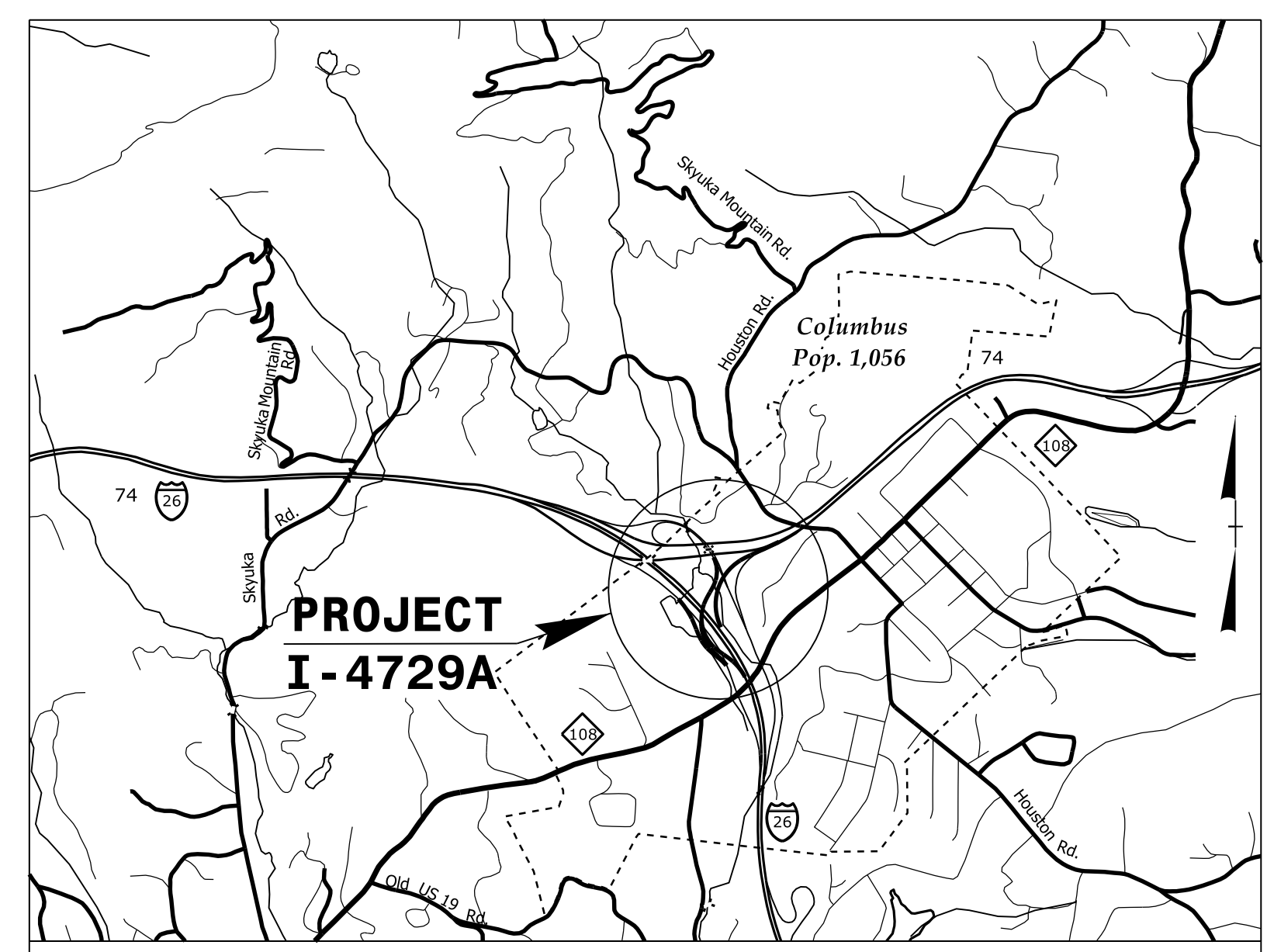
16-AUG-2017 12:02
J:\I-4729A\Roadway\Proj\I-4729A_RDY_RW_01.dgn
\$\$\$\$\$SERNAME\$\$\$\$\$

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

PLAN FOR NEW
RIGHT OF WAY AND EASEMENTS

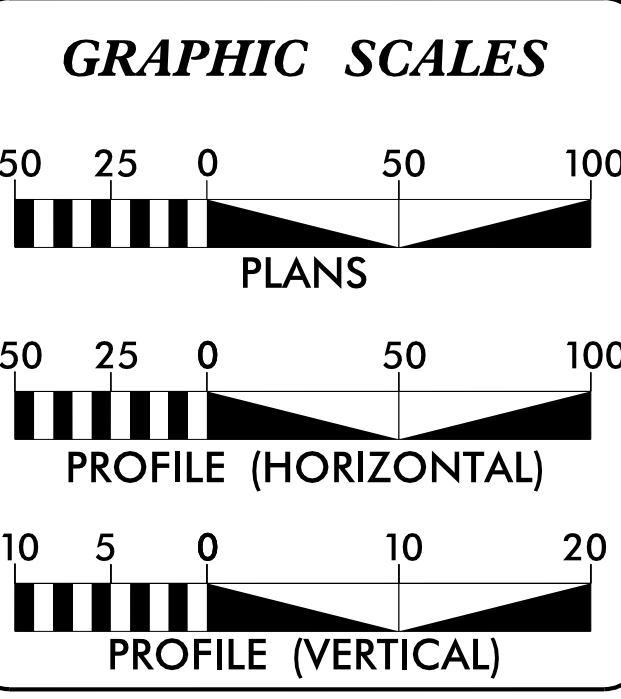
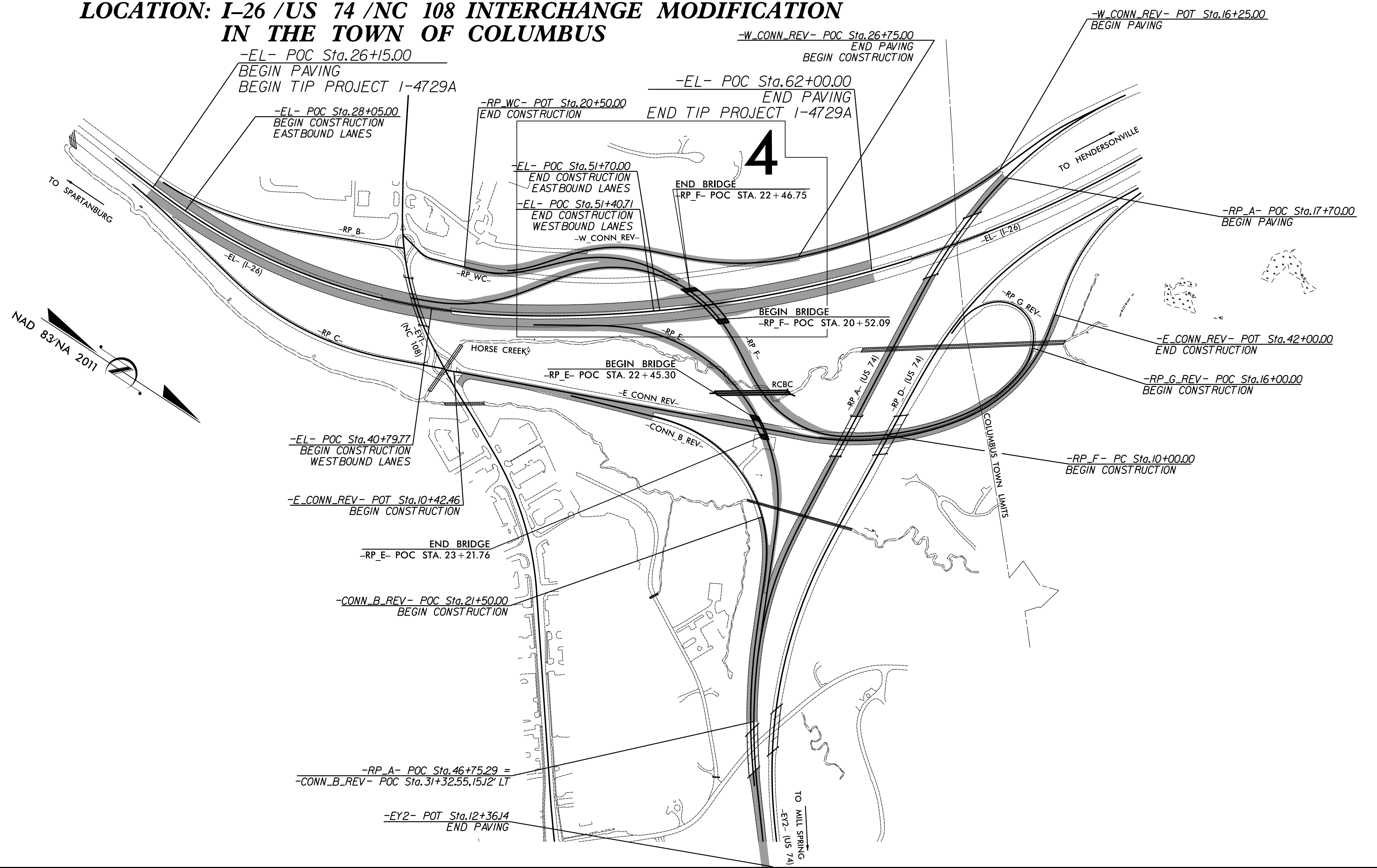
POLK COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-4729A	RW-1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	



VICINITY MAP

**LOCATION: I-26 /US 74 /NC 108 INTERCHANGE MODIFICATION
IN THE TOWN OF COLUMBUS**



DESIGN DATA

-EL-

ADT 2016 = 21,700
ADT 2040 = 30,500

K = 9 %
D = 55 %
T = 24 % *
V = 70 MPH

* TTST = 21% + DUAL = 3%

FUNC CLASS = RURAL INTERSTATE

PROJECT LENGTH

LENGTH OF ROADWAY TIP PROJECT I-4729A = 0.679 MI.

TOTAL LENGTH OF TIP PROJECT I-4729A = 0.679 MI.

Prepared for the North Carolina Department of Transportation in the office of:

PLANS PREPARED BY
PARSONS
5540 Corporate Plaza, Suite 217
Raleigh, NC 27606
TEL: 919.487.2200
FAX: 919.487.2201

SUNGATE DESIGN GROUP, P.A.
1000 S. Hargett Street, Suite 200
Raleigh, NC 27601
TEL: 919.876.8000
FAX: 919.876.8001

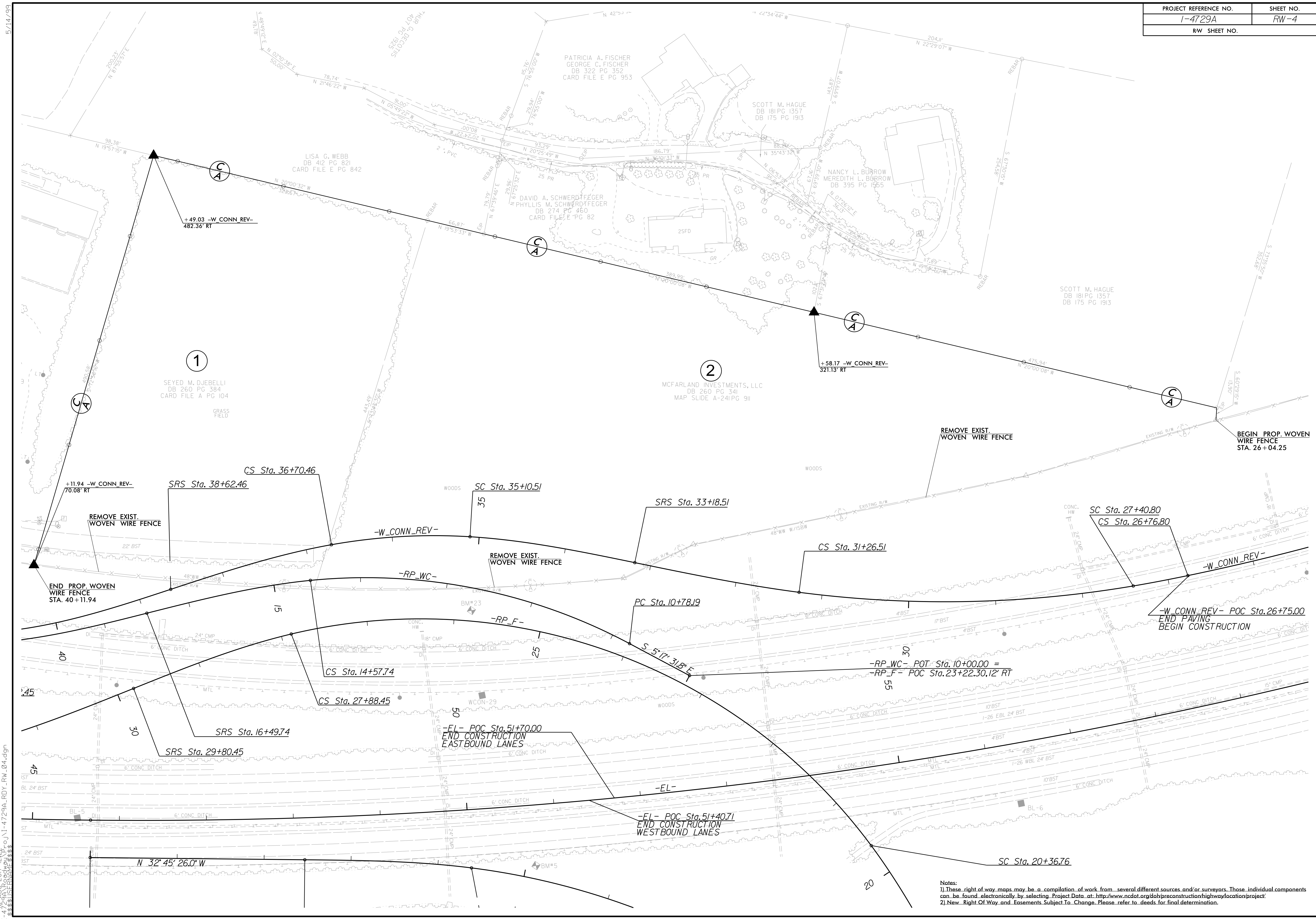
2012 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
JULY 14, 2017

LETTING DATE:
SEPTEMBER 19, 2017

5/14/99

J:\1-4729A\15-AUG-2017 12:22:00\1-4729A-RW_04.dgn



Notes:
 1) These right of way maps may be a compilation of work from several different sources and/or surveyors. Those individual components can be found electronically by selecting Project Data at: <http://www.ncdot.org/doh/preconstruction/highway/location/project/>
 2) New Right Of Way and Easements Subject To Change. Please refer to deeds for final determination.