CONTRACT NO. T-668A ADDENDUM NO. 4 PACKAGE A, PART 2 REVISED PLAN SHEETS

EMERGENCY PULL-OFF 12' EMERGENCY PULL-OFF 20:1 1500' 50' 500' 240' MIN. CONSTRUCTION BARRIER CURB— OFF

11' LANE

11' LANE

VARIABLE SHOULDER

DISTRICT COUNTY ROUTE SECTION SHEET

6-0 BUCKS 0095 001 5 0F 173

LOWER MAKEFIELD TOWNSHIP

REVISION NUMBER REVISIONS DATE BY

1 ADDENDUM NO. 4 11/04/16 DJF

EXISTING PAVEMENT

EXISTING PAVEMENT

TACK COAT

√TACK COAT

SAWCUT AND SEAL PAVEMENT

MILL & RESURFACE,
2" THICK AND LESS

IF ADJACENT (EXISTING)
SURFACE COURSE TO REMAIN

EMERGENCY PULL OFF AREA (BERM AREA) TYPICAL SECTION - I-95 MAINLINE

N.T.S.

NOTES:

- 1. PROVIDE EMERGENCY PULL-OFF ACCESS POINTS AT INTERVALS OF NO MORE THAN $\frac{1}{2}$ MILE IN DISTANCE FROM THE PREVIOUS EMERGENCY PULL-OFF OR EXIT RAMP IN ACCORDANCE WITH THE DETAILS SHOWN.
- 2. SUBMIT PROPOSED EMERGENCY PULL-OFF ACCESS POINTS DURING ALL STAGES FOR APPROVAL. THE PLACEMENT OF THESE POINTS SHALL SATISFY A MINIMUM OF 500' SIGHT DISTANCE BASED ON THE DESIGN SPEED.
- 3. EMERGENCY PULL-OFF AREAS WITHIN BERM AREA TO BE PLACED AT DESIGNATED LOCATIONS, AS SHOWN BELOW. EMERGENCY PULL-OFFS TO BE A MINIMUM OF 500 FT. IN LENGTH WITH A TAPER AS SHOWN. CONTRACTOR TO INSTALL ADVANCED SIGNAGE AS INDICATED ON THE EMERGENCY PULL-OFF (C.B.C.) DETAIL. THE STATIONS LISTED BELOW ARE THE RECOMMENDED BEGINNING OF THE EMERGENCY PULL-OFF IN THE DIRECTION OF TRAVEL.

STAGE 1A-1:

NB: I-95 180+00 (RIGHT SIDE)

I-95 205+00 (RIGHT SIDE)

SB: I-95 180+00 (RIGHT SIDE)

STAGES 2A-1 & 2A-2:

STAGE 1A-2:
NB: LOCATIONS REMAIN FROM STAGE 1A-1 (RIGHT SIDE)

SB ON NB ROADWAY: I-95 191+00 (RIGHT SIDE)
STAGE 1A-3:

NB: LOCATIONS REMAIN FROM STAGE 1A-1 (RIGHT SIDE)
SB ON NB ROADWAY: LOCATIONS REMAIN FROM STAGE 1A-2 (RIGHT SIDE)

NB ON SB ROADWAY: I-95 180+00 (RIGHT SIDE) I-95 206+00 (RIGHT SIDE)

SB: LOCATIONS REMAIN FROM STAGE 1A-1 (RIGHT SIDE)
STAGES 2B-1 & 2B-2:

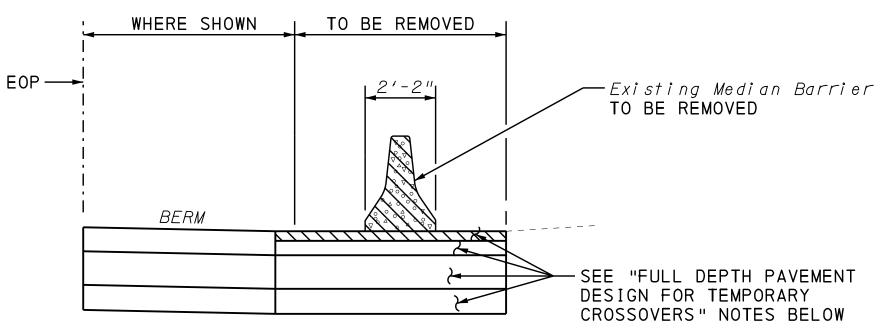
NB: I-95 236+50 (RIGHT SIDE)

SB: LOCATIONS REMAIN FROM STAGE 1A-1 (RIGHT SIDE)

4. CONTRACTOR MAY TRANSITION I-95 NB TRAFFIC TO PROVIDE SUFFICIENT SPACE TO ACCOMMODATE AN EMERGENCY PULL-OFF FOR THE I-95 SB TRAFFIC ON THE LEFT SIDE AS APPROVED BY THE ENGINEER.

EMERGENCY PULL OFF AREA (C.B.C.) TYPICAL SECTION - I-95 MAINLINE

N.T.S.

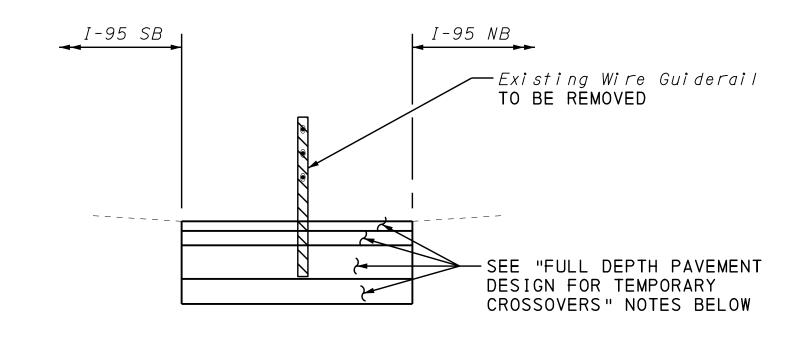


MEDIAN BARRIER REMOVAL DETAIL

N. T. S.

MEDIAN BARRIER REMOVAL DETAIL NOTES:

1. MEDIAN BARRIER REMOVAL DETAIL APPLICABLE FOR MEDIAN BARRIER ON ROADWAY ONLY.



RIGHT SHOULDER RESURFACING DETAIL

N. T. S.

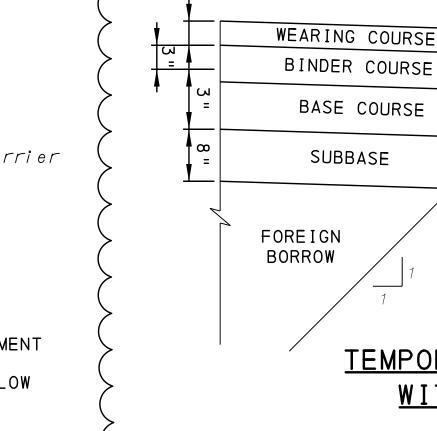
PA MEDIAN GUIDERAIL REMOVAL DETAIL

N. T. S.

FULL DEPTH PAVEMENT DESIGN FOR TEMPORARY CROSSOVERS (PA):

SUPERPAVE ASPHALT MIXTURE DESIGN, WMA WEARING COURSE, PG 64-22, 10 TO < 30 MILLION ESALS, 12.5 MM MIX, 2" DEPTH, SRL-E SUPERPAVE ASPHALT MIXTURE DESIGN, WMA BINDER COURSE, PG 64-22, 10 TO < 30 MILLION ESALS, 19.0 MM MIX, 3" DEPTH SUPERPAVE ASPHALT MIXTURE DESIGN, WMA BASE COURSE, PG 64-22, 3 < 10 MILLION ESALS, 25.0 MM MIX, 3" DEPTH SUBBASE 8" DEPTH (NO. 2A) GEOTEXTILE, CLASS 4, TYPE A

TRAFFIC CONTROL PLAN DETAILS - 3



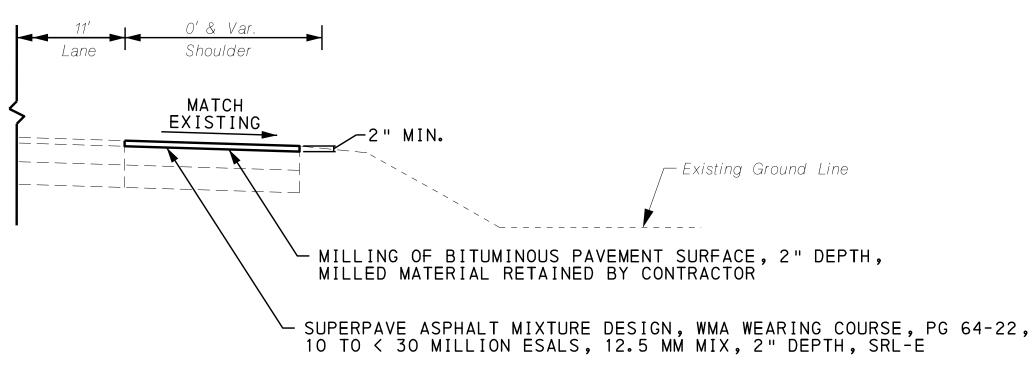
TEMPORARY PAVEMENT INTERFACE
WITH EXISTING PAVEMENT

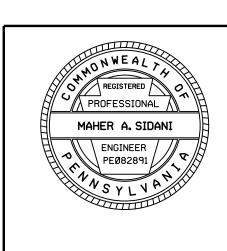
N. T. S.

PROPOSED TEMPORARY PAVEMENT

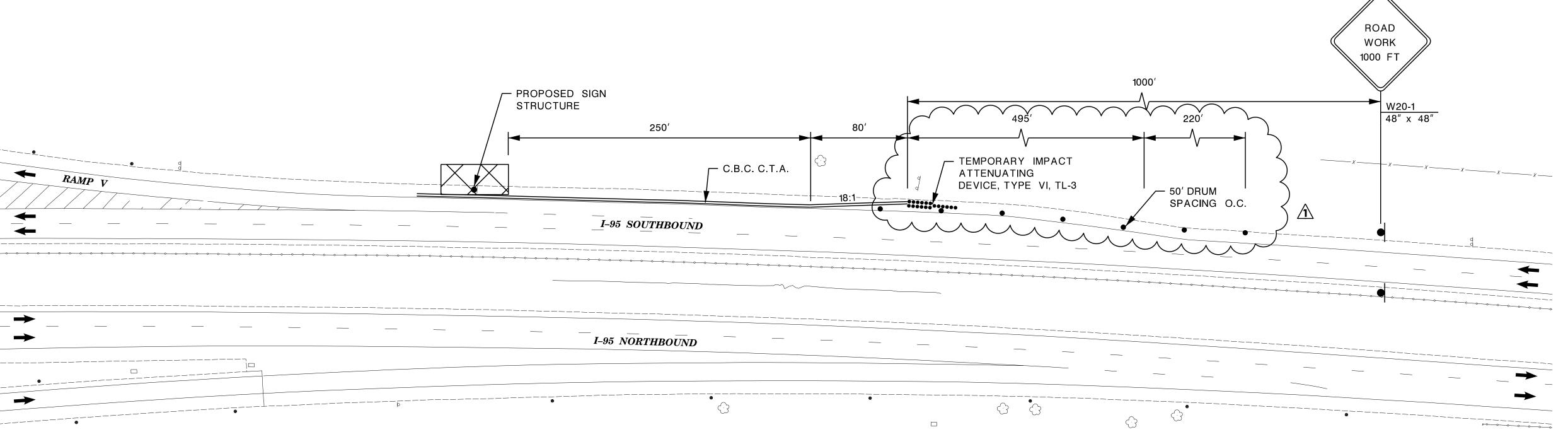
TEMPORARY PAVEMENT INTERFACE WITH EXISTING PAVEMENT DETAIL NOTES:

1. TEMPORARY PAVEMENT COMPOSITION SHOWN ABOVE IS FOR USE ON I-95. APPLICATION OF THE DETAIL FOR TEMPORARY PAVEMENT TRANSITIONS ON RAMPS IS SIMILAR AND IS TO BE MODIFIED ACCORDINGLY FOR USE ON RAMPS.

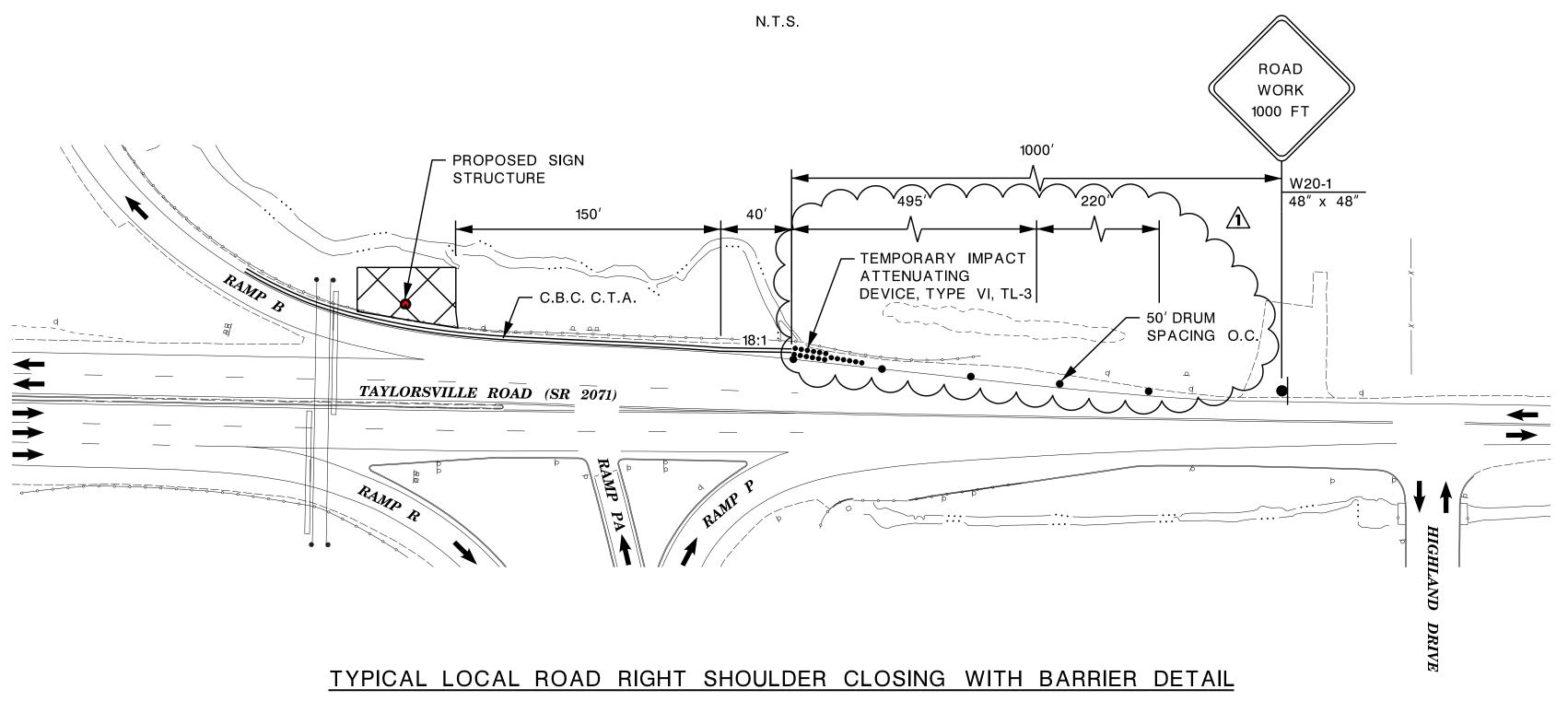




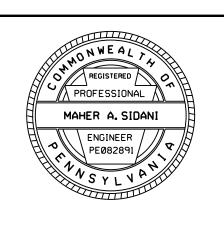
D	ISTRICT	COUNTY	ROUTE	SECTION	SHEET			
6-0		BUCKS	0095	001	6 OF 173			
	LOWER MAKEFIELD TOWNSHIP							
REVISION NUMBER		REVISIONS						
1	ADDENDUM	I NO. 4			11/04/16	DJF		



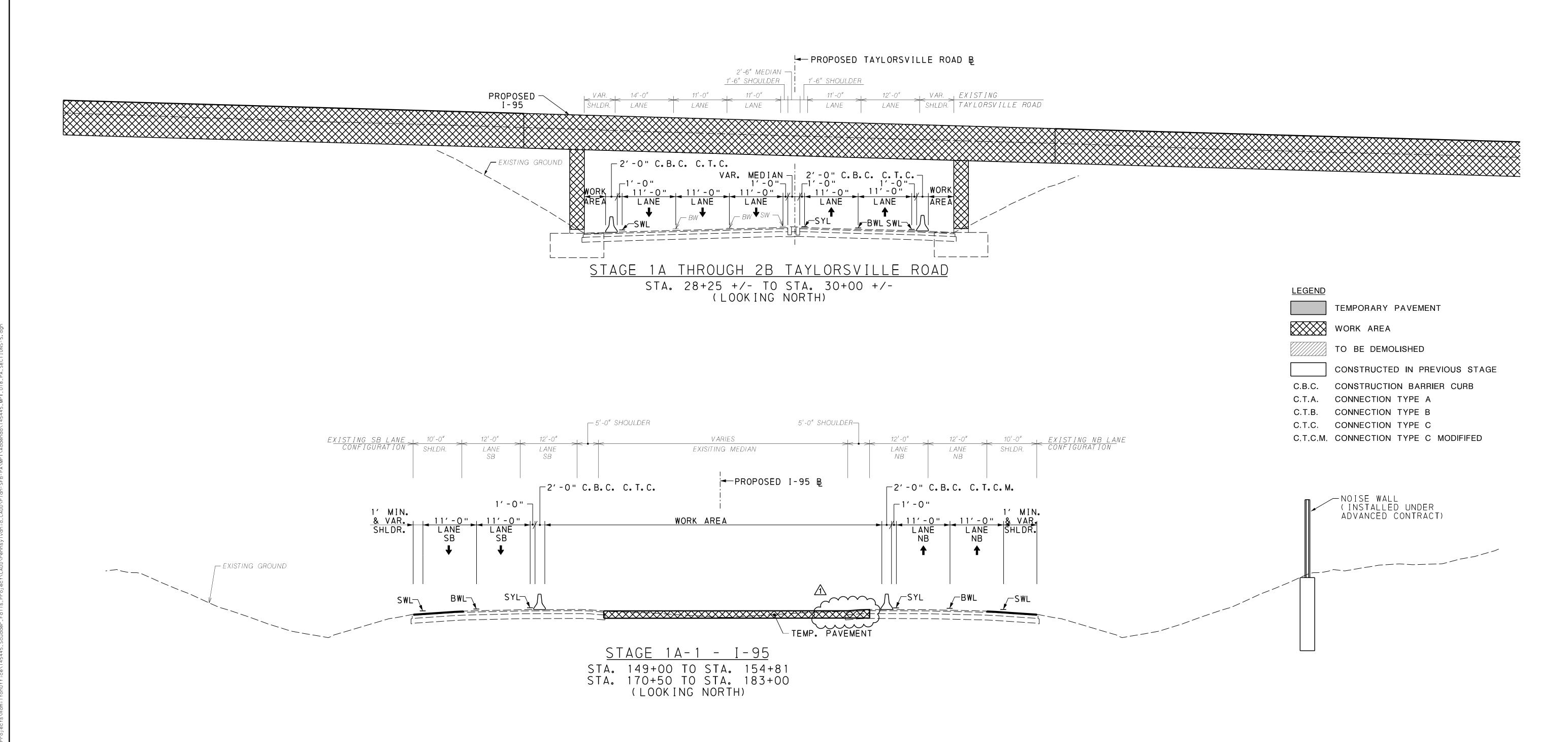
TYPICAL I-95 RIGHT SHOULDER CLOSING WITH BARRIER DETAIL

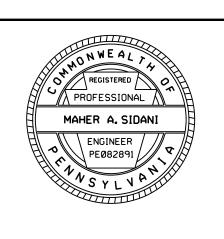


N.T.S.



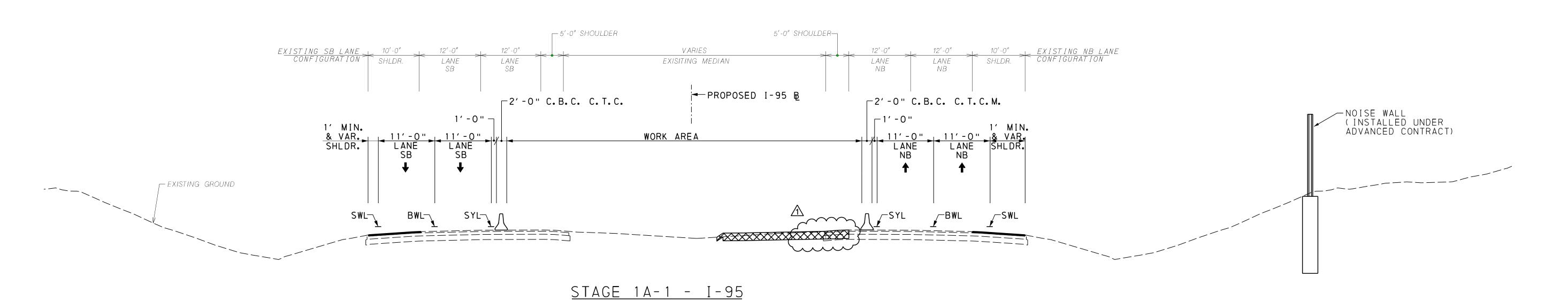
DISTRICT		COUNTY	ROUTE	SECTION	SHEET		
6-0		BUCKS	0095	001	18 OF 173		
	LOWER MAKEFIELD TOWNSHIP						
REVISION NUMBER		REVISIONS					
1	ADDENDUM	1 NO. 4			11/04/16	DJF	



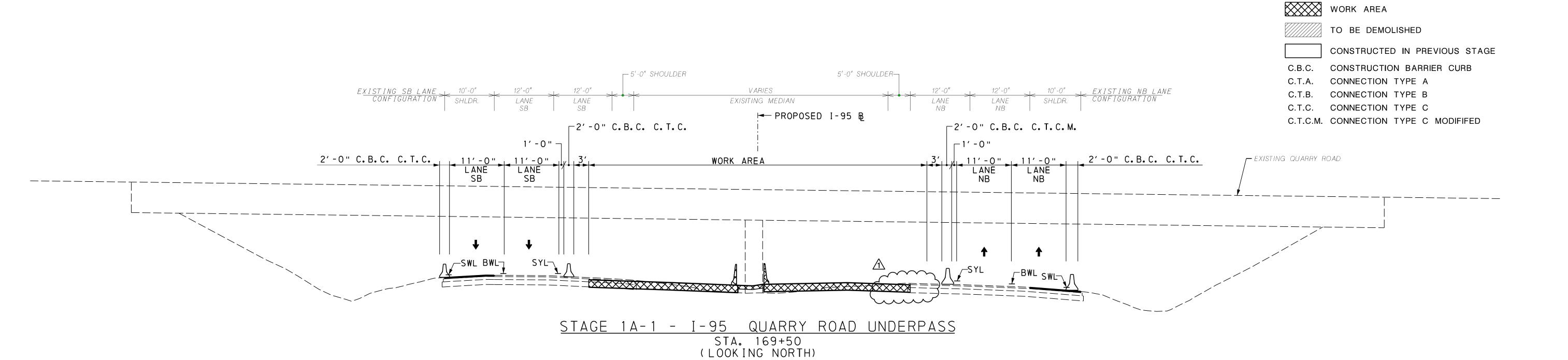


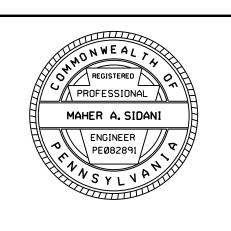
DISTRICT		COUNTY ROUTE		SECTION	SHEET		
6-0		BUCKS	0095 001		19 OF 1	73	
	LOWER MAKEFIELD TOWNSHIP						
REVISION NUMBER			REVISIONS		DATE	BY	
1	ADDENDUM	1 NO. 4			11/04/16	DJF	

TEMPORARY PAVEMENT

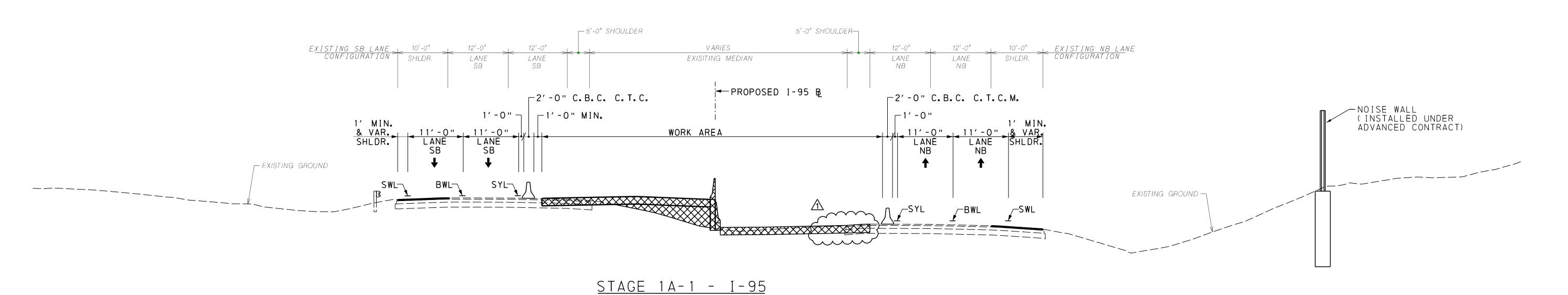


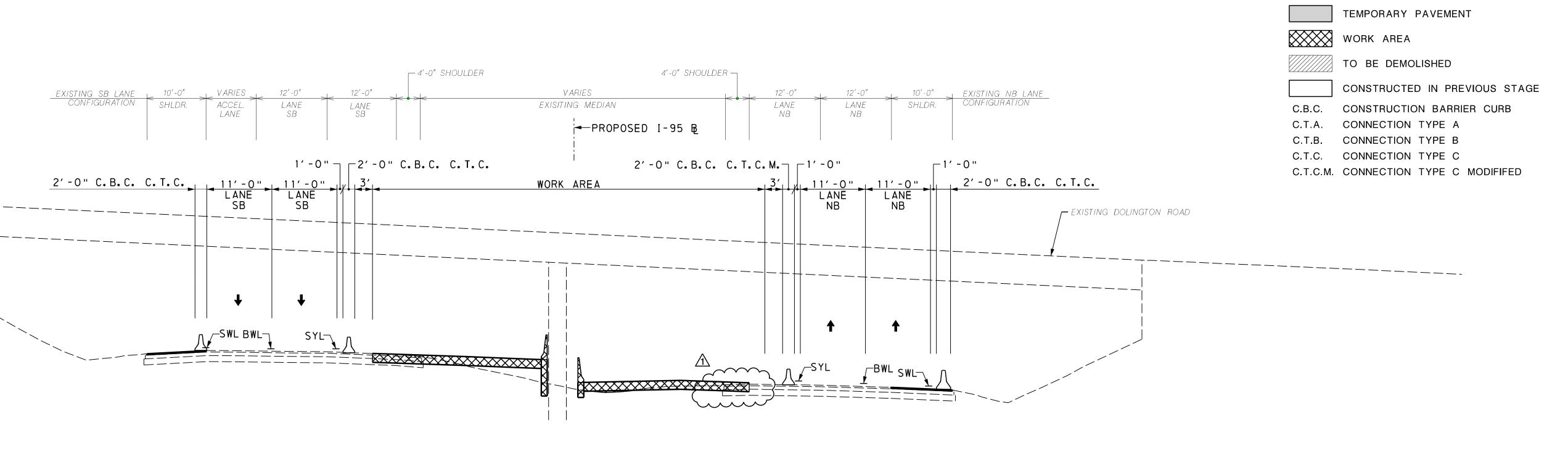
STA. 154+81 TO STA. 170+50 (LOOKING NORTH)





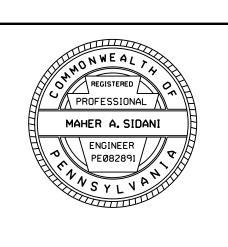
D	ISTRICT	COUNTY	ROUTE	SECTION	SHEET	
	6-0 BUCKS		0095	001	20 OF 17	
REVISION NUMBER		REVISIONS				
1	ADDENDU	1 NO. 4			11/04/16	DJF







STA. 183+00 TO STA. 220+00 (LOOKING NORTH)



	DISTRICT		COUNTY	ROUTE	SECTION	SHEET	
	6-0		BUCKS	0095 001		21 OF 1	73
	LOWER MAKEFIELD TOWNSHIP						
	REVISION NUMBER			REVISIONS		DATE	BY
	1	ADDENDUM	1 NO. 4			11/04/16	DJF
ſ							

WORK AREA

TEMPORARY PAVEMENT

CONSTRUCTED IN PREVIOUS STAGE

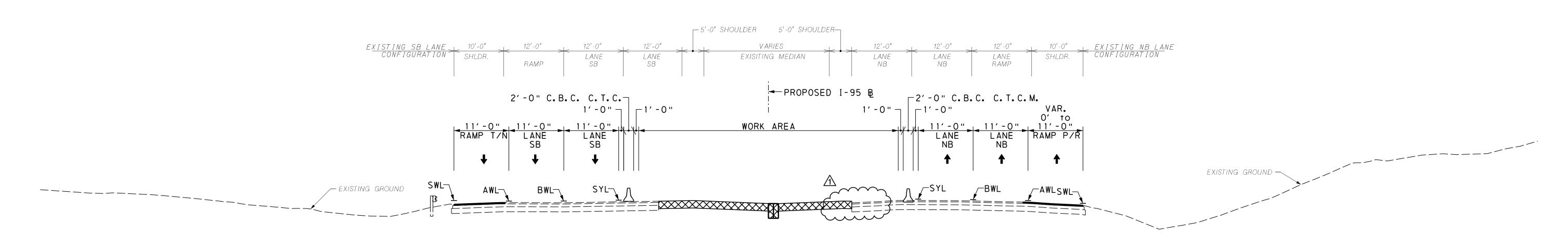
TO BE DEMOLISHED

C.B.C. CONSTRUCTION BARRIER CURB
C.T.A. CONNECTION TYPE A

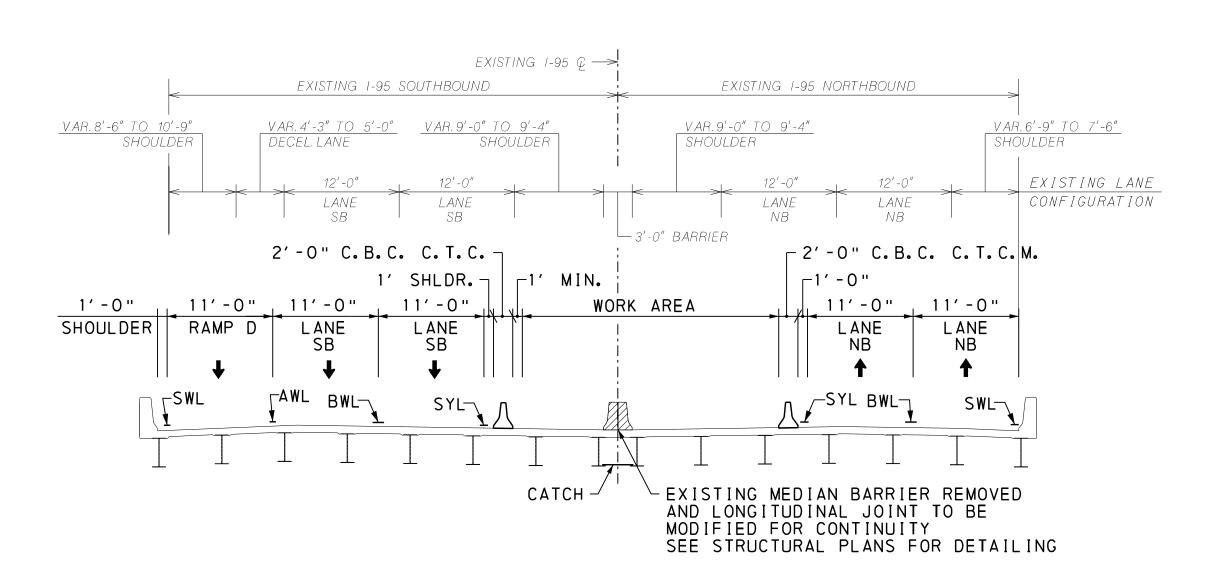
CONNECTION TYPE B

C.T.C.M. CONNECTION TYPE C MODIFIFED

C.T.C. CONNECTION TYPE C

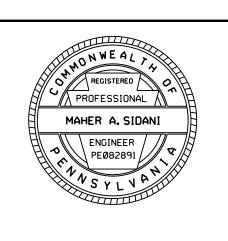


<u>STAGE 1A-1 - I-95</u> STA. 220+00 TO STA. 235+50 (LOOKING NORTH)



STAGE 1A-1 I-95 (TAYLORSVILLE RD. BRIDGE)

STA. 247+70+/- TO STA. 248+80+/(LOOKING NORTH)



D	ISTRICT	COUNTY	ROUTE	SECTION	SHEET		
	6-0 BUCKS		0095	001	24 OF 1	73	
REVISION NUMBER		REVISIONS					
1	ADDENDU	1 NO. 4			11/04/16	DJF	

WORK AREA

TEMPORARY PAVEMENT

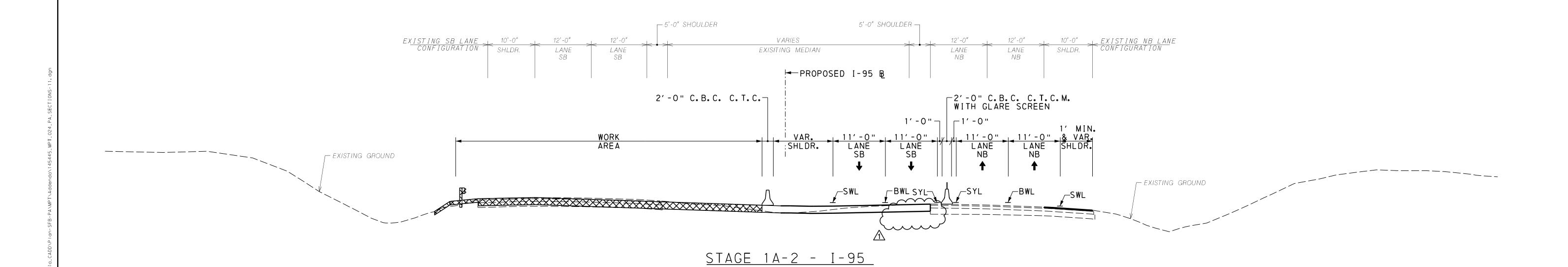
C.B.C. CONSTRUCTION BARRIER CURB

C.T.C.M. CONNECTION TYPE C MODIFIFED

CONSTRUCTED IN PREVIOUS STAGE

TO BE DEMOLISHED

C.T.A. CONNECTION TYPE A
C.T.B. CONNECTION TYPE B
C.T.C. CONNECTION TYPE C



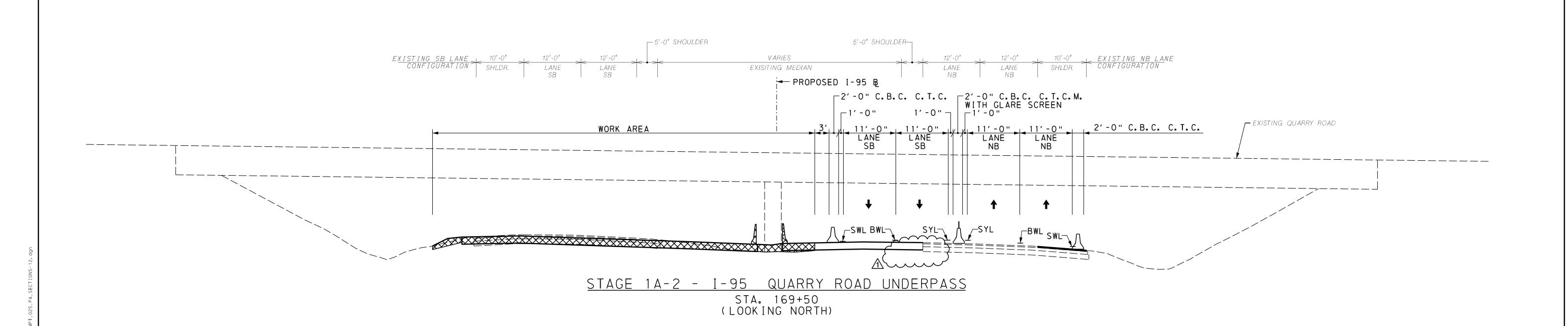
STA. 154+00 TO STA. 171+00 (LOOKING NORTH)

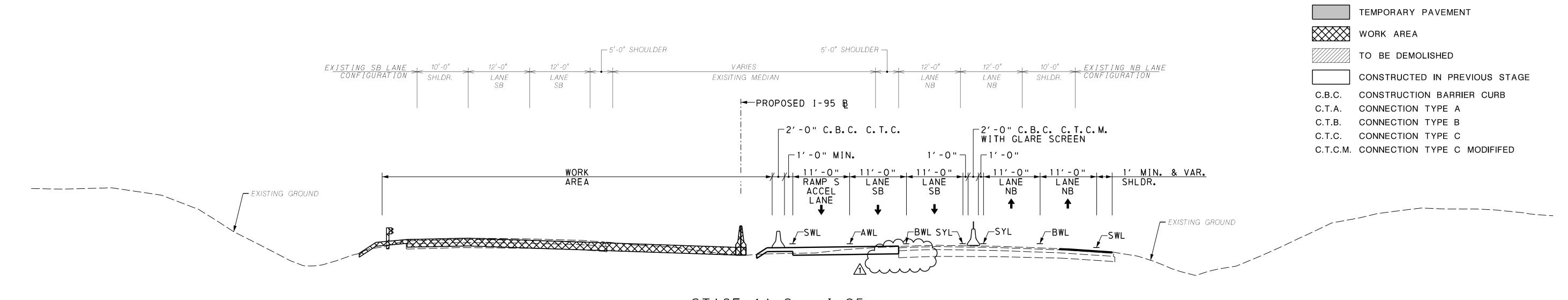
PROFESSIONAL

MAHER A. SIDANI

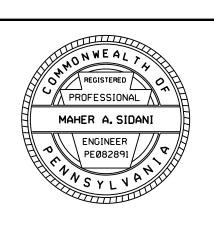
ENGINEER
PEØ82891

D	ISTRICT	COUNTY	ROUTE	SECTION	SHEET			
	6-0 BUCKS		0095	001	25 OF 173			
REVISION NUMBER		REVISIONS						
1	ADDENDU	1 NO. 4			11/04/16	DJF		

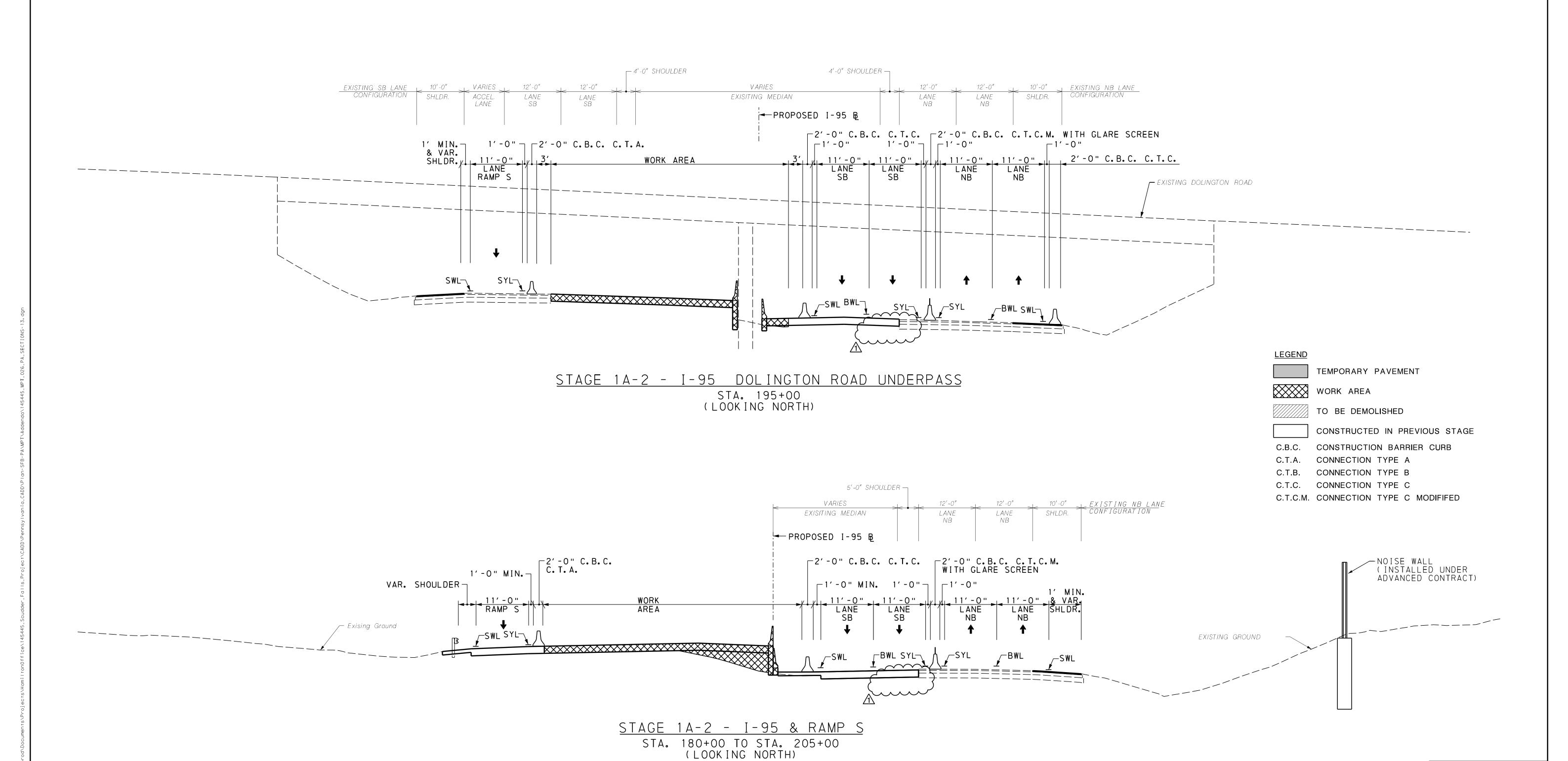


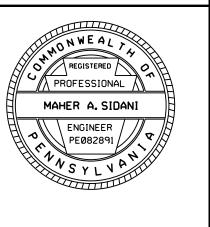


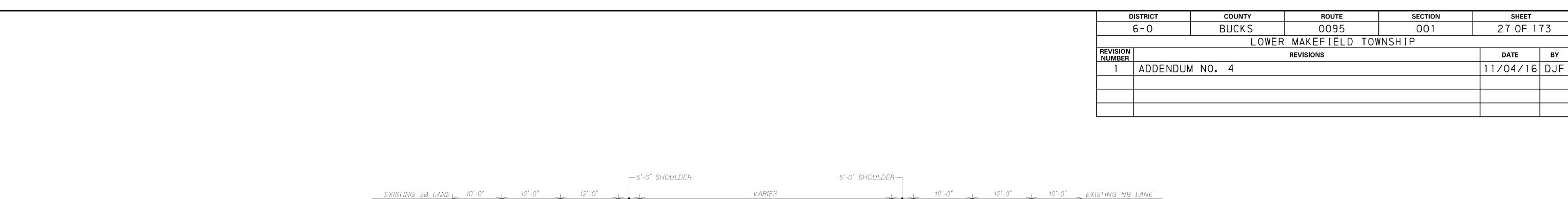
STAGE 1A-2 - I-95 STA. 171+00 TO STA. 180+00 (LOOKING NORTH)

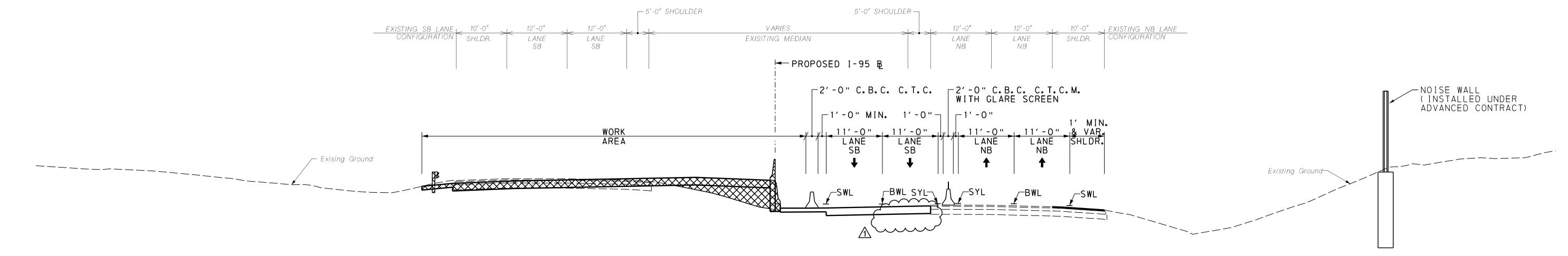


	DISTRICT 6 - 0		COUNTY ROUTE SECTION		SECTION	SHEET	
			BUCKS	0095 001		26 OF 173	
		LOWER MAKEFIELD TOWNSHIP					
	REVISION NUMBER			REVISIONS		DATE	ВҮ
	1	ADDENDUM	M NO. 4			11/04/16	DJF

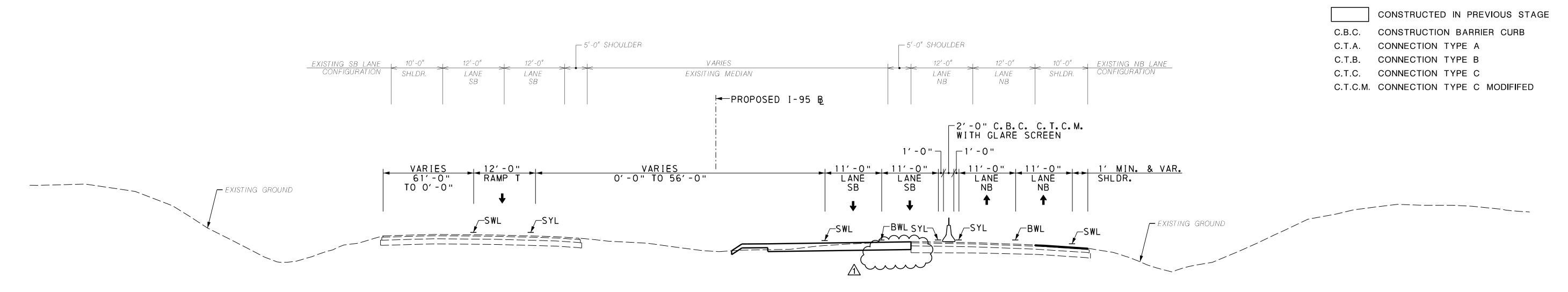




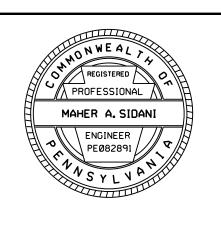




<u>STAGE 1A-2 - I-95</u> STA. 205+00 TO STA. 220+00 (LOOKING NORTH)



STAGE 1A-2 - I-95 & RAMP T STA. 220+00 TO STA. 227+50 (LOOKING NORTH)

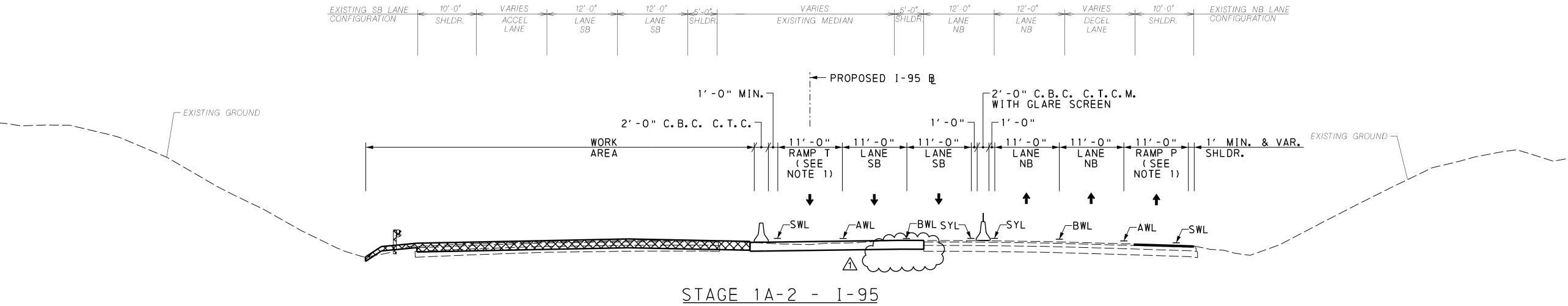


WORK AREA

TEMPORARY PAVEMENT

TO BE DEMOLISHED

	DISTRICT	COUNTY ROUTE SECTION		SHEET				
	6-0 BUCKS		0095	001	28 OF 173			
		LOWER MAKEFIELD TOWNSHIP						
REVISIO NUMBE			DATE	ВҮ				
1	ADDENDU	/ NO. 4			11/04/16	DJF		



STA. 227+50 TO STA. 245+00 (LOOKING NORTH)

<u>LEGEND</u>

TEMPORARY PAVEMENT

WORK AREA

TO BE DEMOLISHED

CONSTRUCTED IN PREVIOUS STAGE

C.B.C. CONSTRUCTION BARRIER CURB

C.T.A. CONNECTION TYPE A

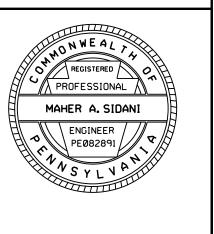
C.T.B. CONNECTION TYPE B

C.T.C. CONNECTION TYPE C

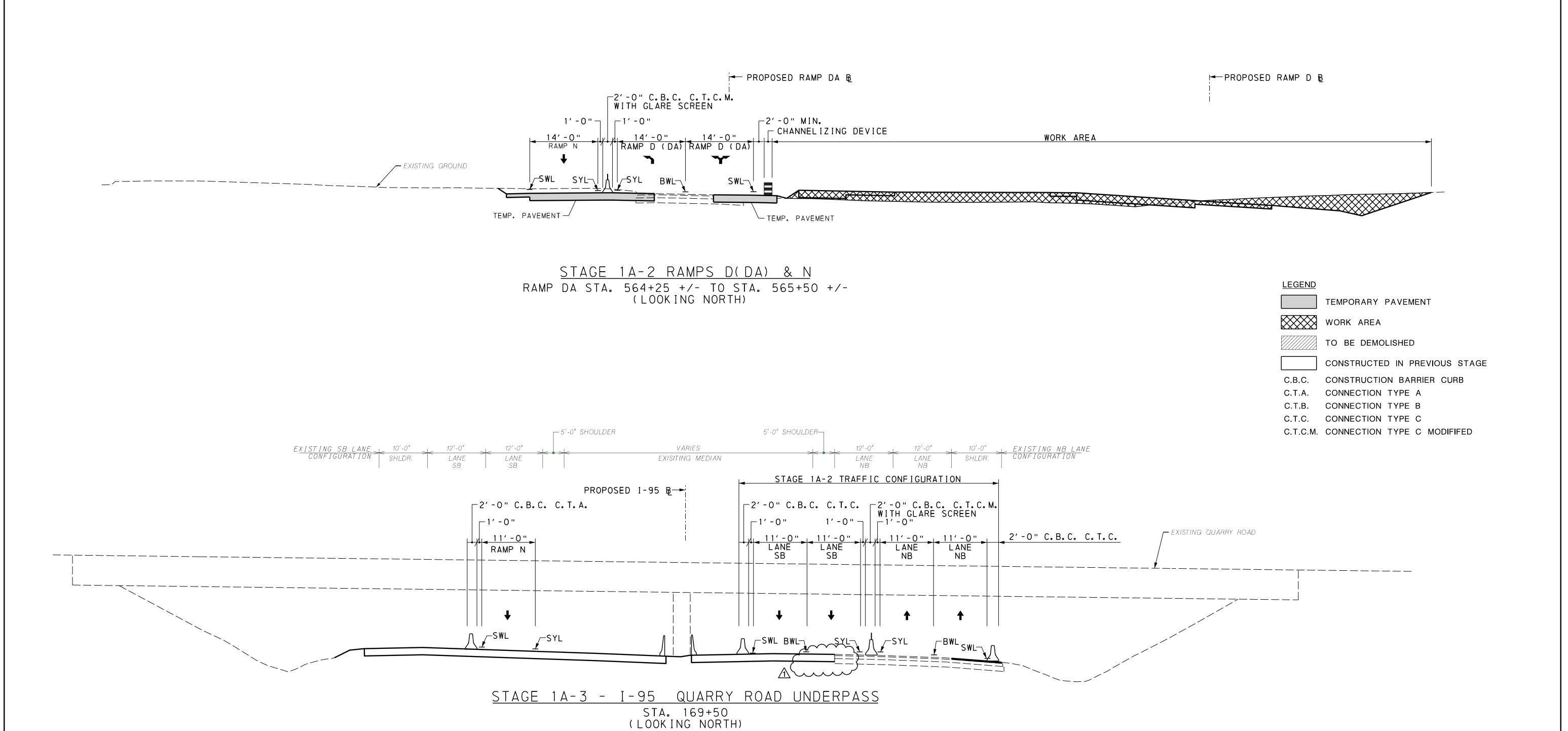
C.T.C.M. CONNECTION TYPE C MODIFIFED

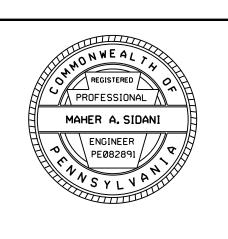
NOTE:

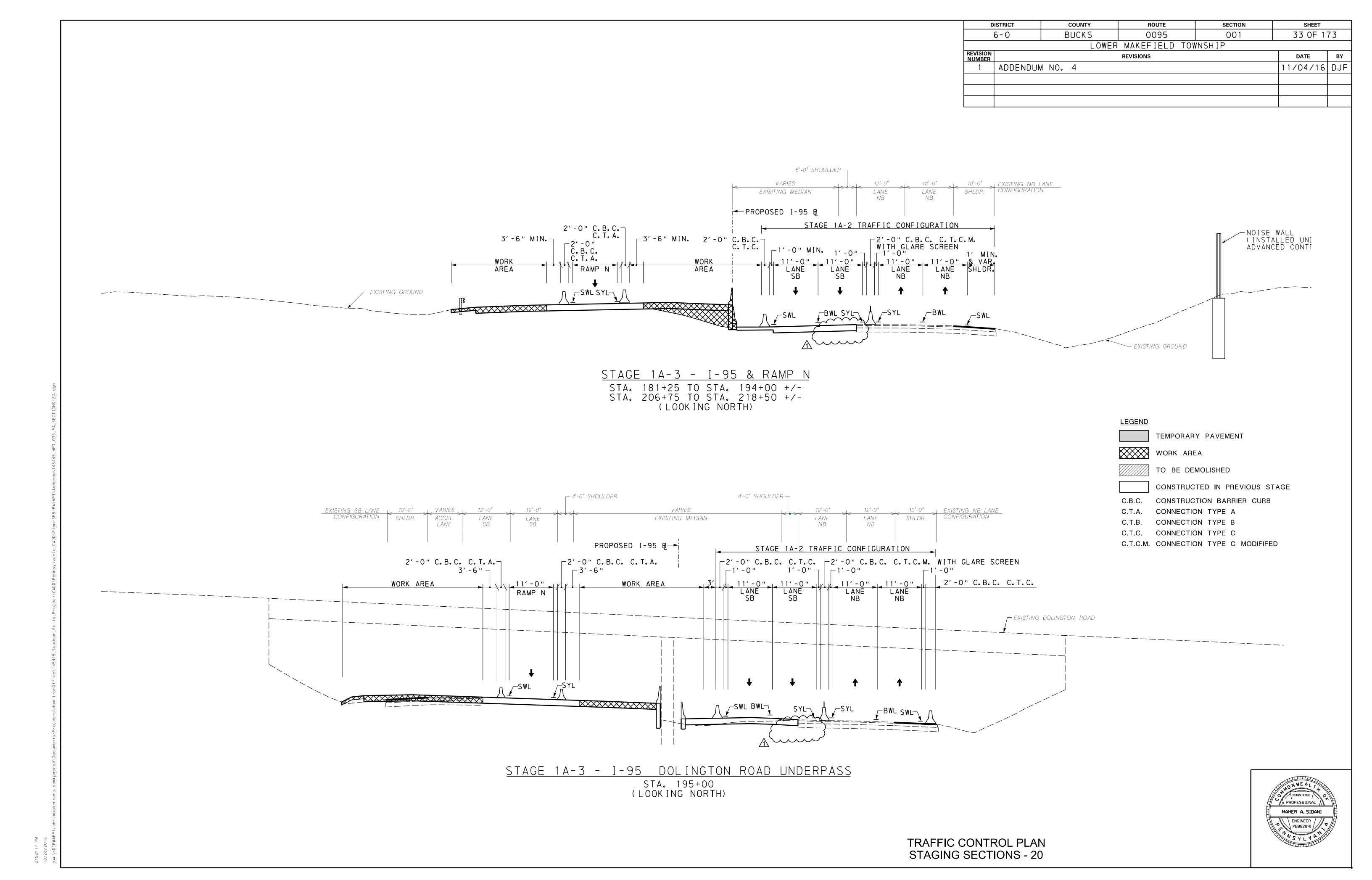
 RAMP LANES AVAILABLE AS SHOWN ON PLANS.

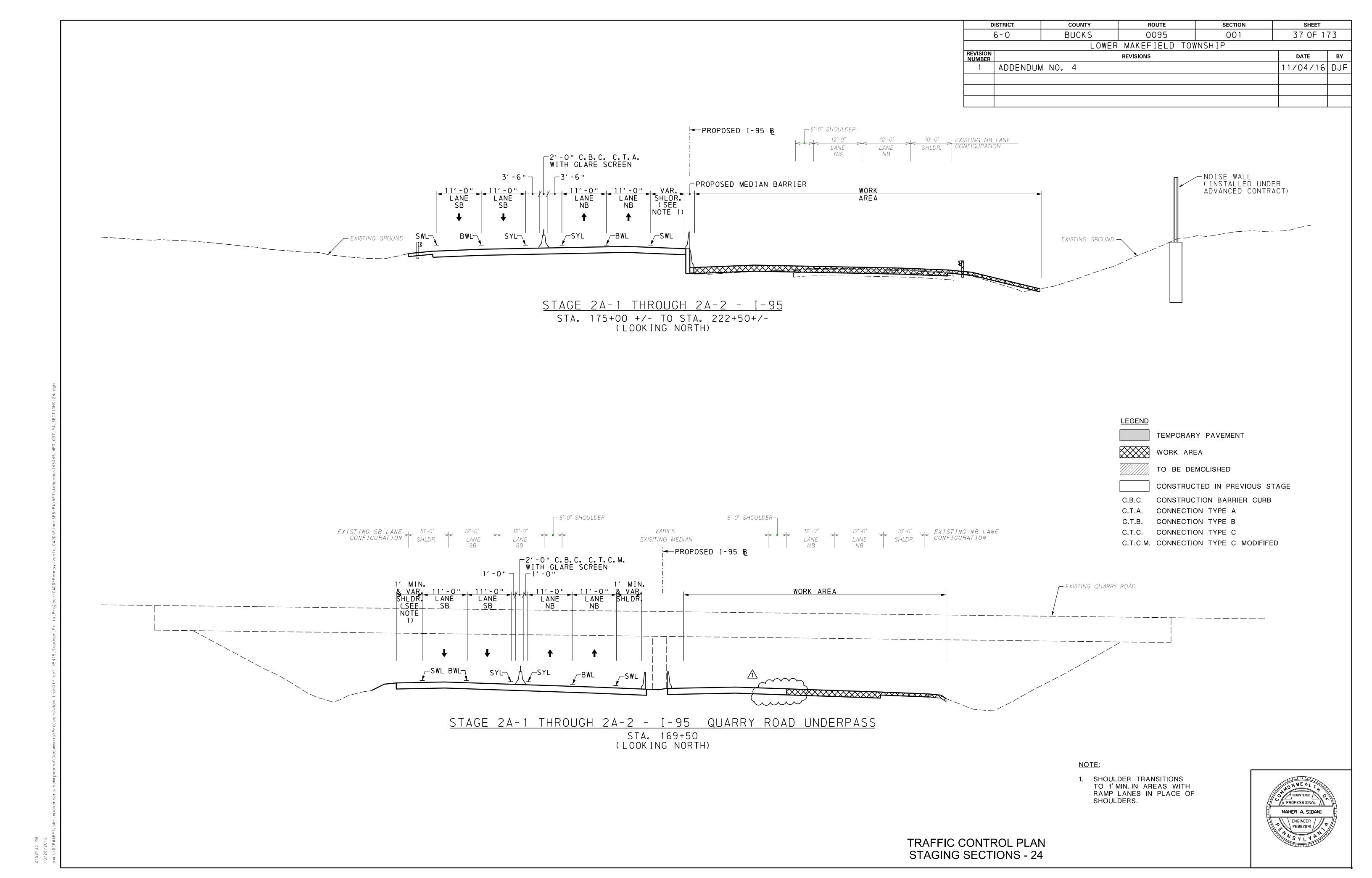


	DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
	6-0	BUCKS	0095	001	32 OF 1	73
	LOWER MAKEFIELD TOWNSHIP					
REVISION NUMBER			REVISIONS		DATE	BY
1	ADDENDU	1 NO. 4			11/04/16	DJF

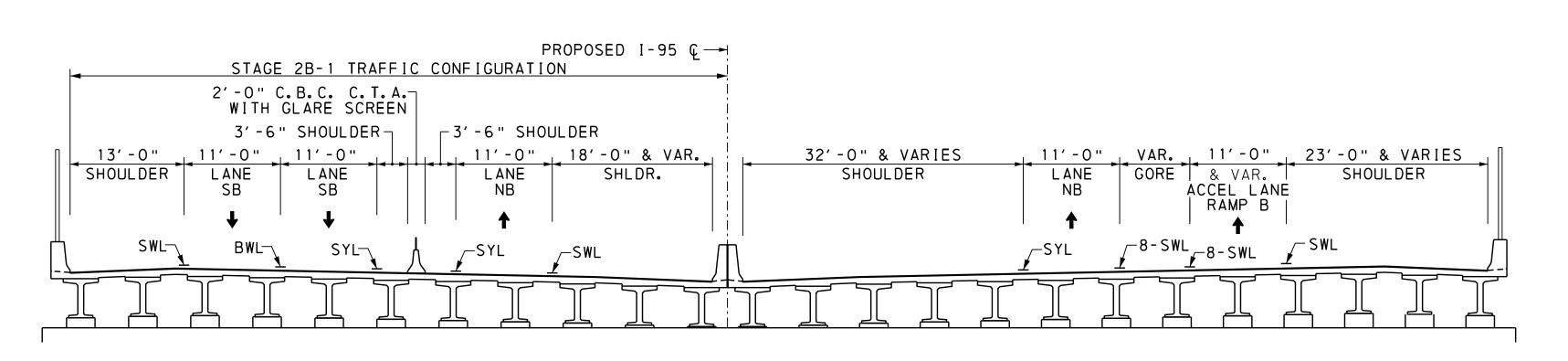








D	ISTRICT	COUNTY	ROUTE	SECTION	SHEET	
	6-0	BUCKS 0095 001		47 OF 173		
		LOWER				
REVISION NUMBER			DATE	ВҮ		
1	ADDENDU	/ NO. 4			11/04/16	DJF



STAGE 2B-2 I-95 (PA DELAWARE CANAL BRIDGE)
STA. 256+50+/- TO STA. 257+65+/(LOOKING NORTH)

TEMPORARY PAVEMENT

WORK AREA

TO BE DEMOLISHED

CONSTRUCTED IN PREVIOUS STAGE

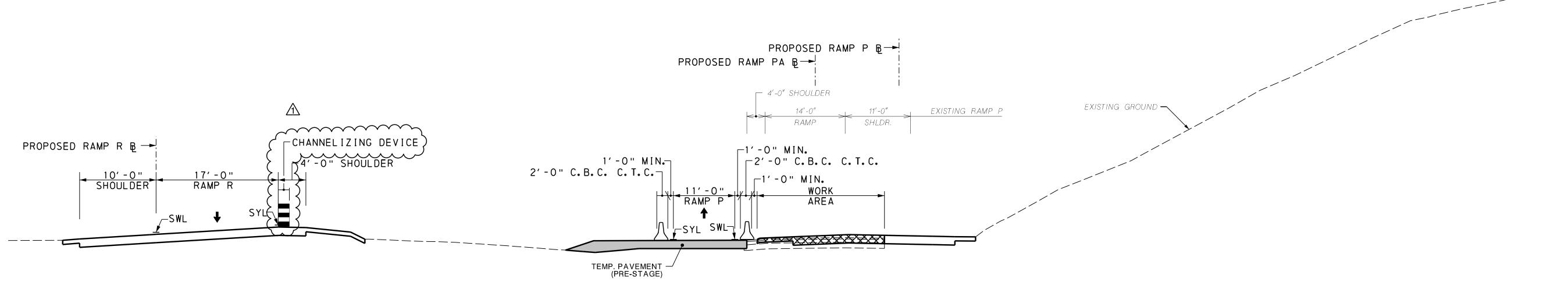
C.B.C. CONSTRUCTION BARRIER CURB

C.T.A. CONNECTION TYPE A

C.T.B. CONNECTION TYPE B

C.T.C. CONNECTION TYPE C

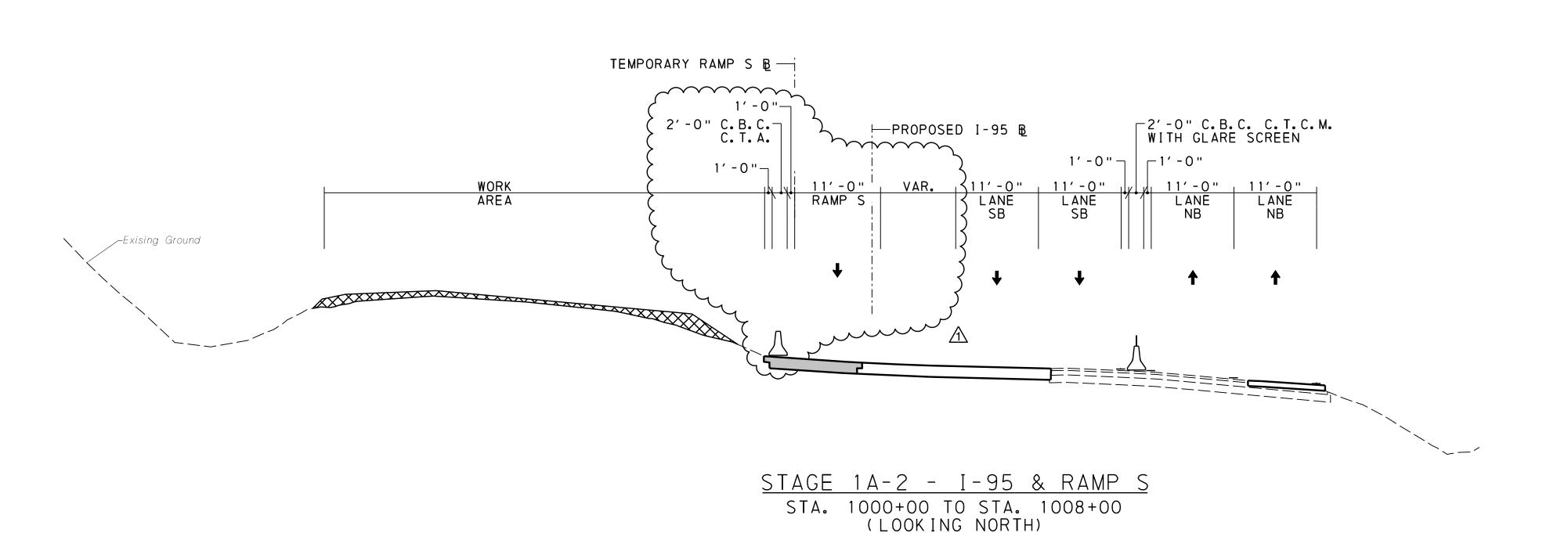
C.T.C.M. CONNECTION TYPE C MODIFIFED

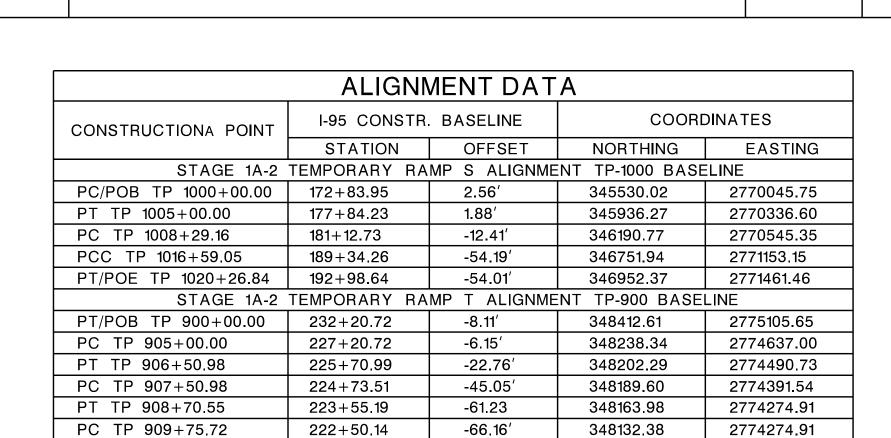


STAGE 2B-2 - RAMP P

RAMP P STA. 1133+50 +/- TO STA. 1143+43 +/(LOOKING SOUTHEAST)







-108.72

-128.19

218+82.99

217 + 78.33

ROUTE

0095

LOWER MAKEFIELD TOWNSHIP

REVISIONS

SECTION

001

348045.72

348027.90

SHEET

|11/04/16|DJF

DATE

2773815.29

2773710.33

61 OF 173

BY

DISTRICT

6-0

ADDENDUM NO. 4

PT TP 913+45.61

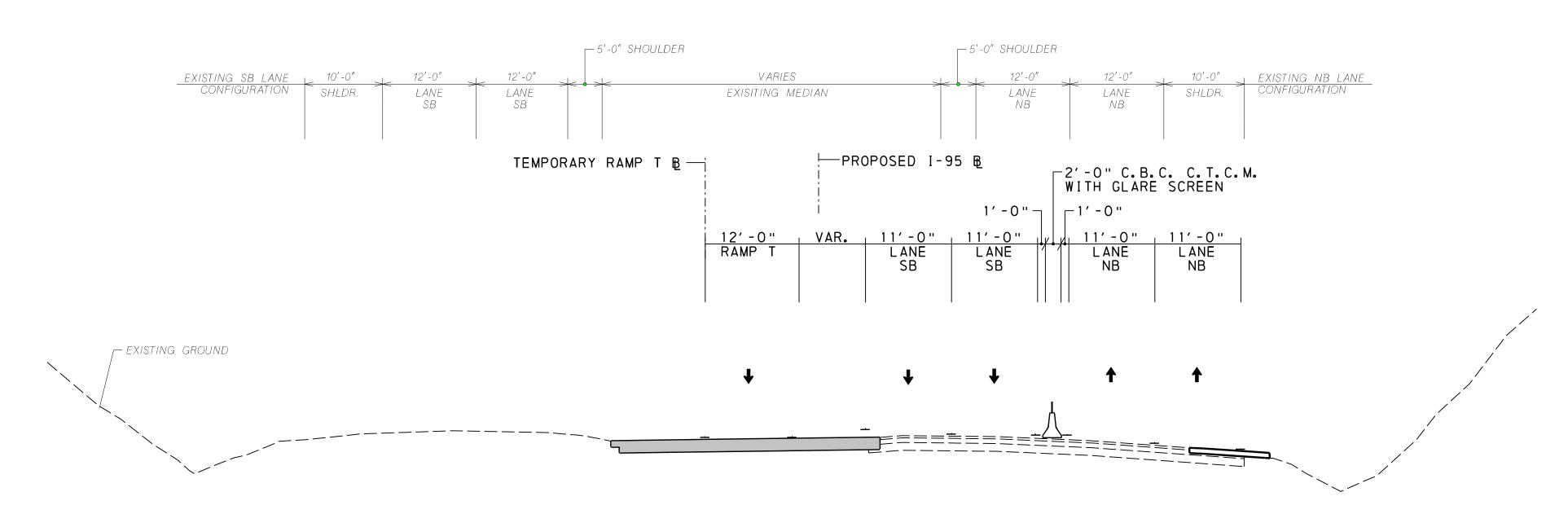
PT/POE TP 914+52.08

REVISION

NUMBER

COUNTY

BUCKS



STAGE 1A-2 - I-95 & RAMP T STA. 900+00 TO STA. 906+00 (LOOKING NORTH)

			CURVE	DATA				
CURVE NO.	DELTA	RADIUS	LENGTH	TANGENT	COORDINAT	ES OF PI	COORDINATES	OF CENTER
CORVE NO.	DELTA	RADIOS	LENGIA	TANGENT	NORTHING	EASTING	NORTHING	EASTING
		ST	AGE TEMPO	RARY RAMP	S ALIGNMENT	TP-1000 BASE	LINE 1A-2	
TP-1	7°31′02″ RT	3811.00′	500.00′	250.36′	345742.70	2770177.83	343519.41	2773283.21
TP-2	15°21′34″ RT	3000.00′	829.88′	417.61′	346513.66	2770810.19	344288.23	2772864.90
TP-3	3°31′40″ RT	5973.44′	367.79′	183.95′	346856.91	2771304.22	341846.33	2774561.50
		ST	AGE TEMPO	RARY RAMP	T ALIGNMENT	TP-900 BASEL	INE 1A-2	
TP-1	13°06′24″ RT	660.00′	150.98′	75.82′	348211.91	2774565.94	348856.95	2774406.97
TP-2	10°11′41″ LT	672.00′	119.57′	59.94′	348181.99	2774332.08	347523.03	2774274.91
TP-3	7°50′58″ RT	2700.00′	369.90′	185.24′	348076.73	2773997.92	350707.62	2773363.34

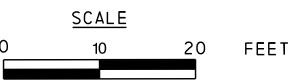
NOTES:

- 1. PROPOSED TEMPORARY ALIGNMENT SIDE SLOPES VARY TO TIE IN WITH NORTHBOUND AND SOUTHBOUND ROADWAY BERMS AND OTHER TEMPORARY ALIGNMENT BERMS. CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE WHEN TIEING BETWEEN ALL ROADWAY BERMS.
- 2. 2:1 SLOPES ARE A MAXIMUM. WHERE APPLICABLE, CONTRACTOR SHALL PROVIDE A 4:1 TIE IN SLOPE, ELIMINATING NEED FOR GUIDE RAIL PROTECTION IN FILL SECTIONS. CONTRACTOR SHALL PROVIDE A 2' MINMUM BERM WIDTH IN CUT SECTIONS WITH A SIDE SLOPE OF 2:1.
- 3. FOR RAMP S TRANSITIONS, SEE "TRAFFIC CONTROL PLAN I-95 SB (PA) & TEMPORARY RAMP S ALIGNMENTS FOR STAGE 1A-2" SHEETS.
- 4. FOR RAMP T TRANSITIONS, SEE "TRAFFIC CONTROL PLAN I-95 SB (PA) & TEMPORARY RAMP T ALIGNMENTS FOR STAGE 1A-2" SHEET.

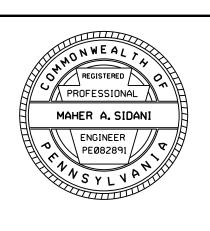
FULL DEPTH PAVEMENT DESIGN FOR TEMPORARY RAMPS

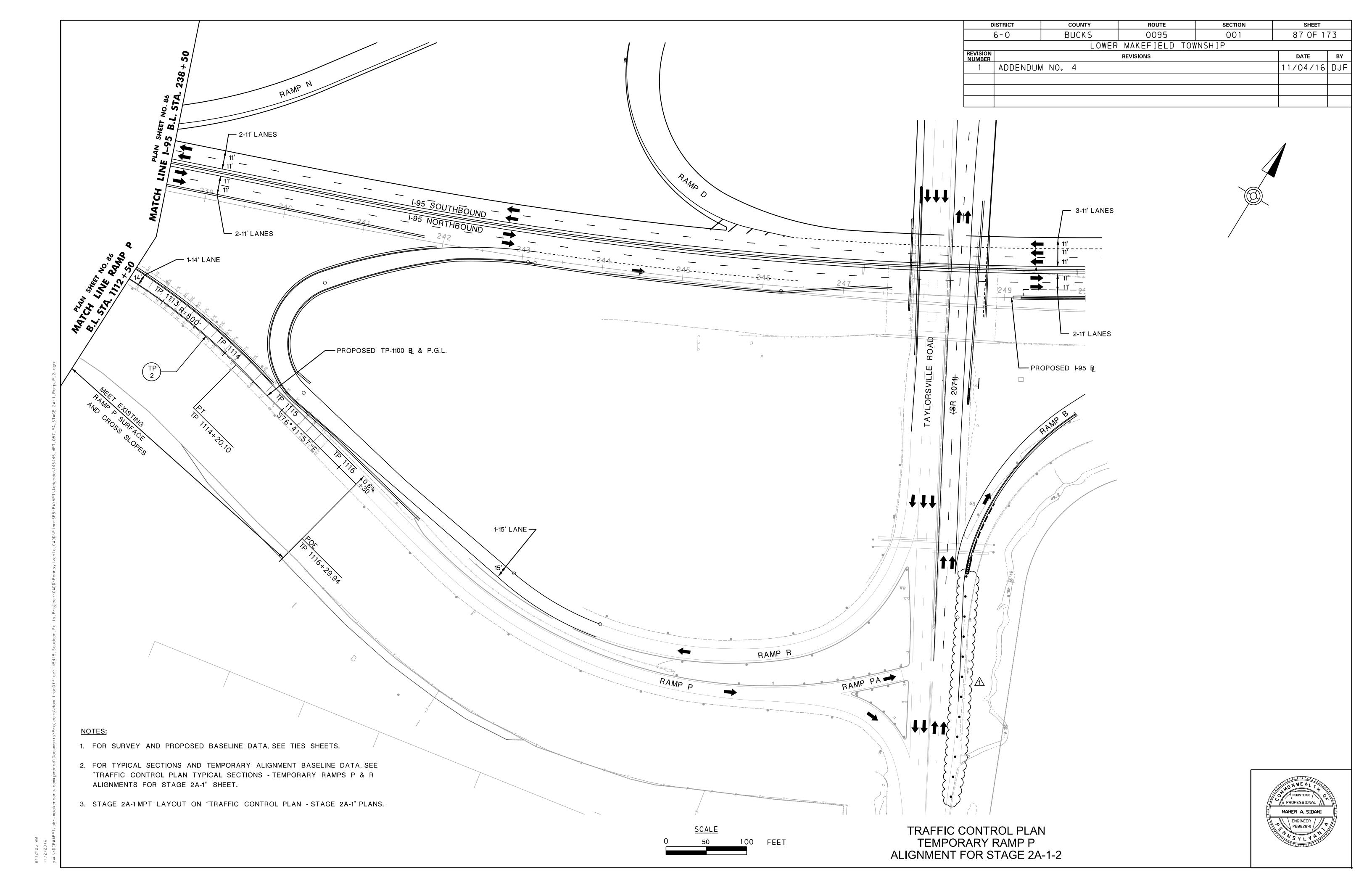
SUPERPAVE ASPHALT MIXTURE DESIGN, WMA) WEARING COURSE, PG 64-22, 0.3 TO < 3 MILLION ESALS, 9.5 MM MIX, 1 1/2" DEPTH, SRL-H SUPERPAVE ASPHALT MIXTURE DESIGN, WMA BINDER COURSE, PG 64-22, 0.3 TO < 3 MILLION ESALS, 19.0 MM MIX, 2 1/2" DEPTH SUBBASE 8" DEPTH (NO. 2A)

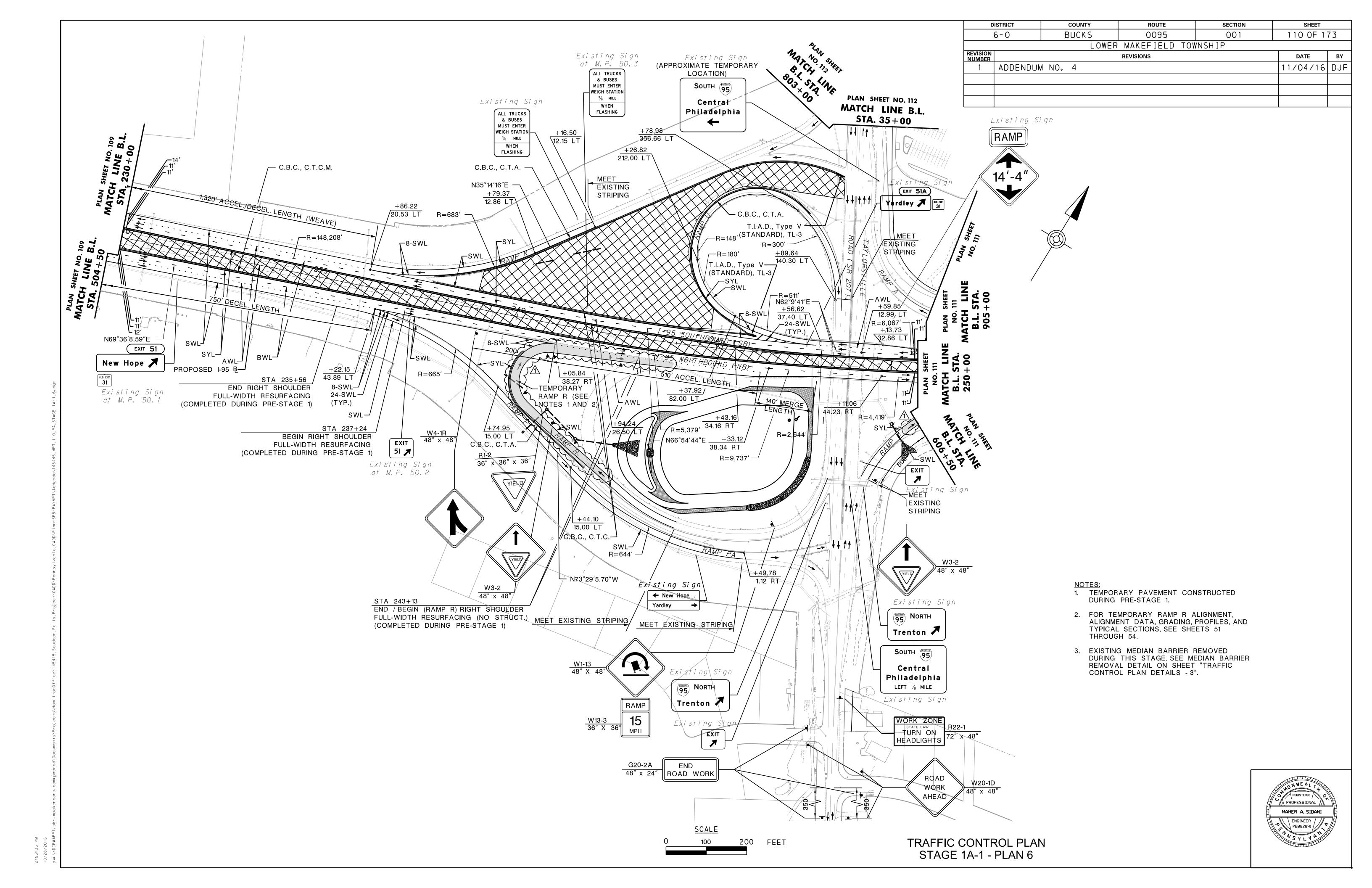
GEOTEXTILE, CLASS 4, TYPE A

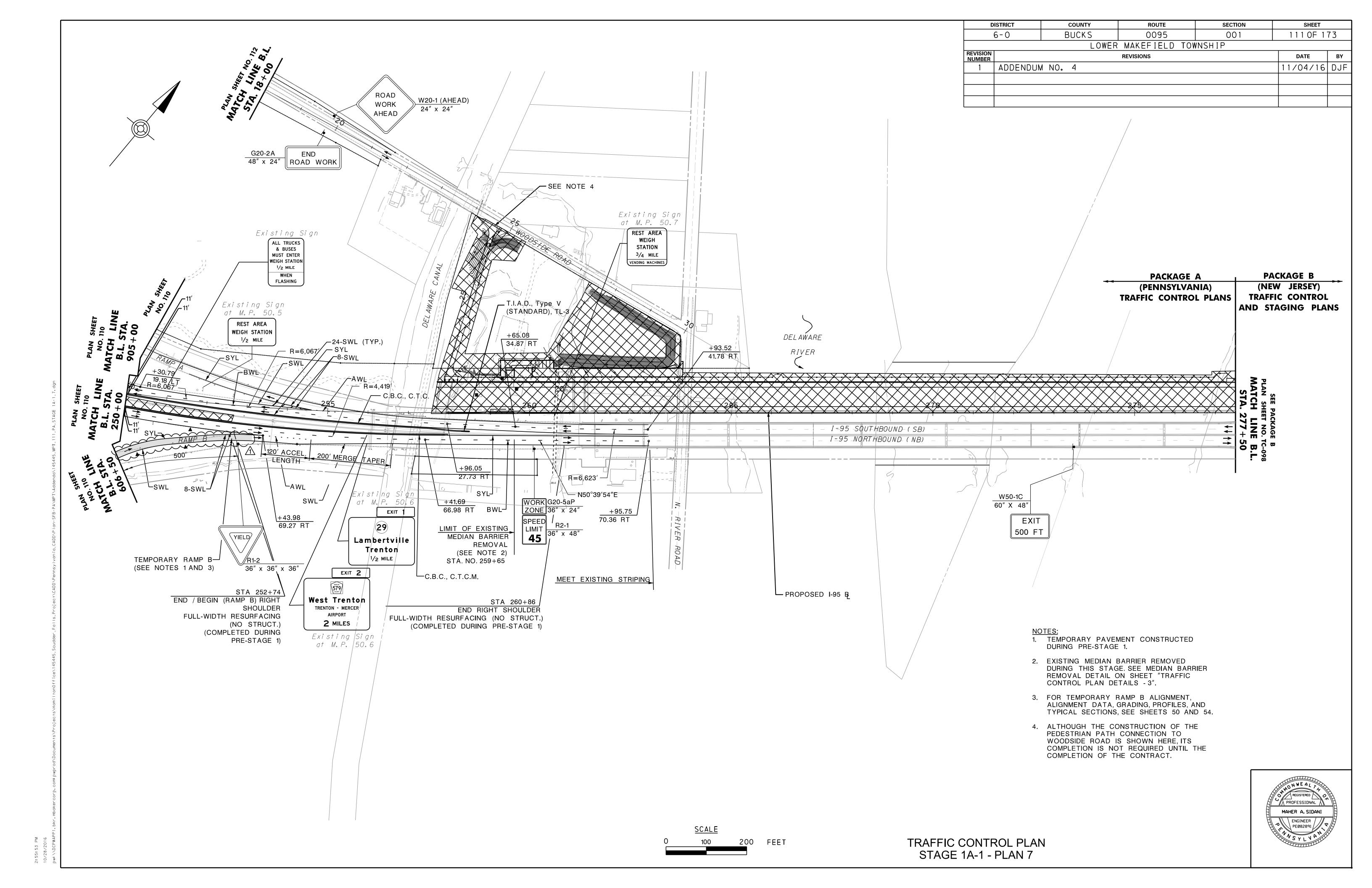






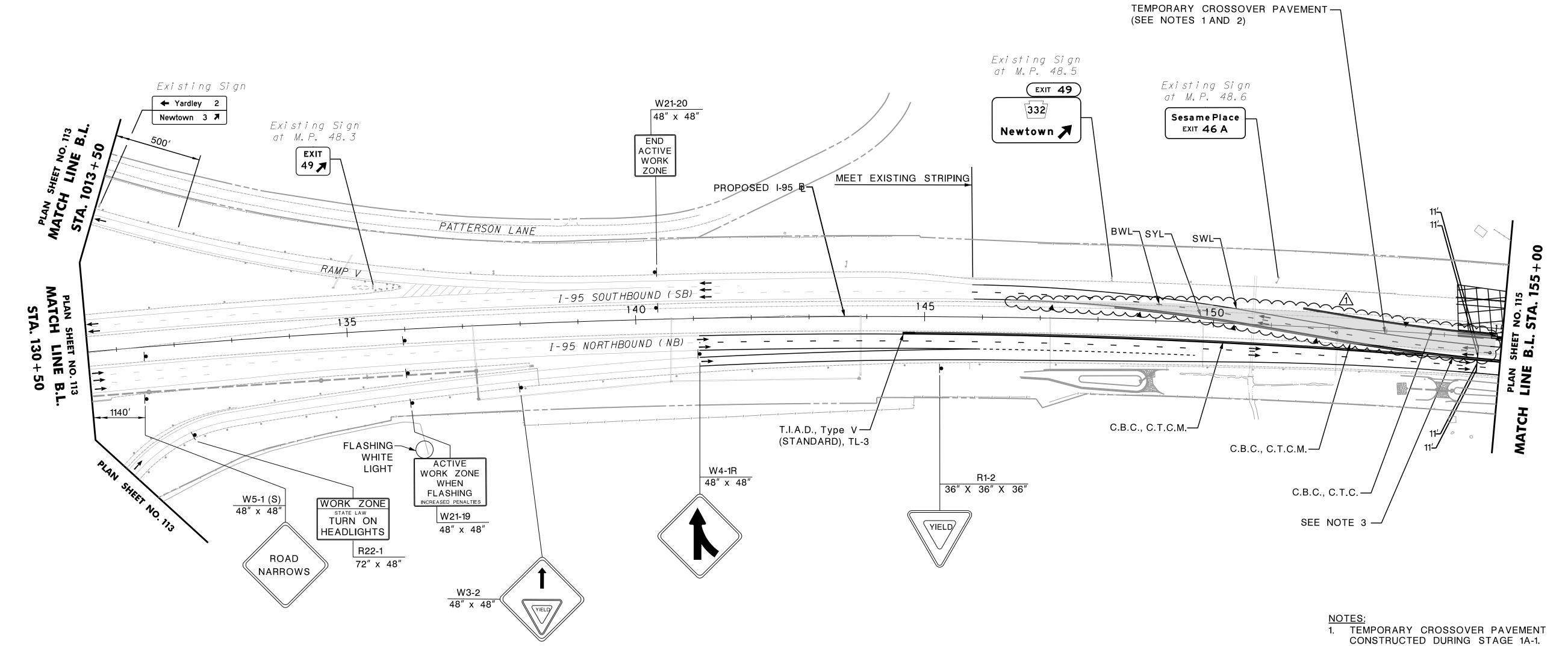






D	ISTRICT	COUNTY	ROUTE	SECTION	SHEET	
6-0		BUCKS	0095	001	114 OF 173	
		LOWER	MAKEFIELD TOW	NSH I P		
REVISION NUMBER			REVISIONS		DATE	ВҮ
1	ADDENDU	1 NO. 4			11/04/16	DJF

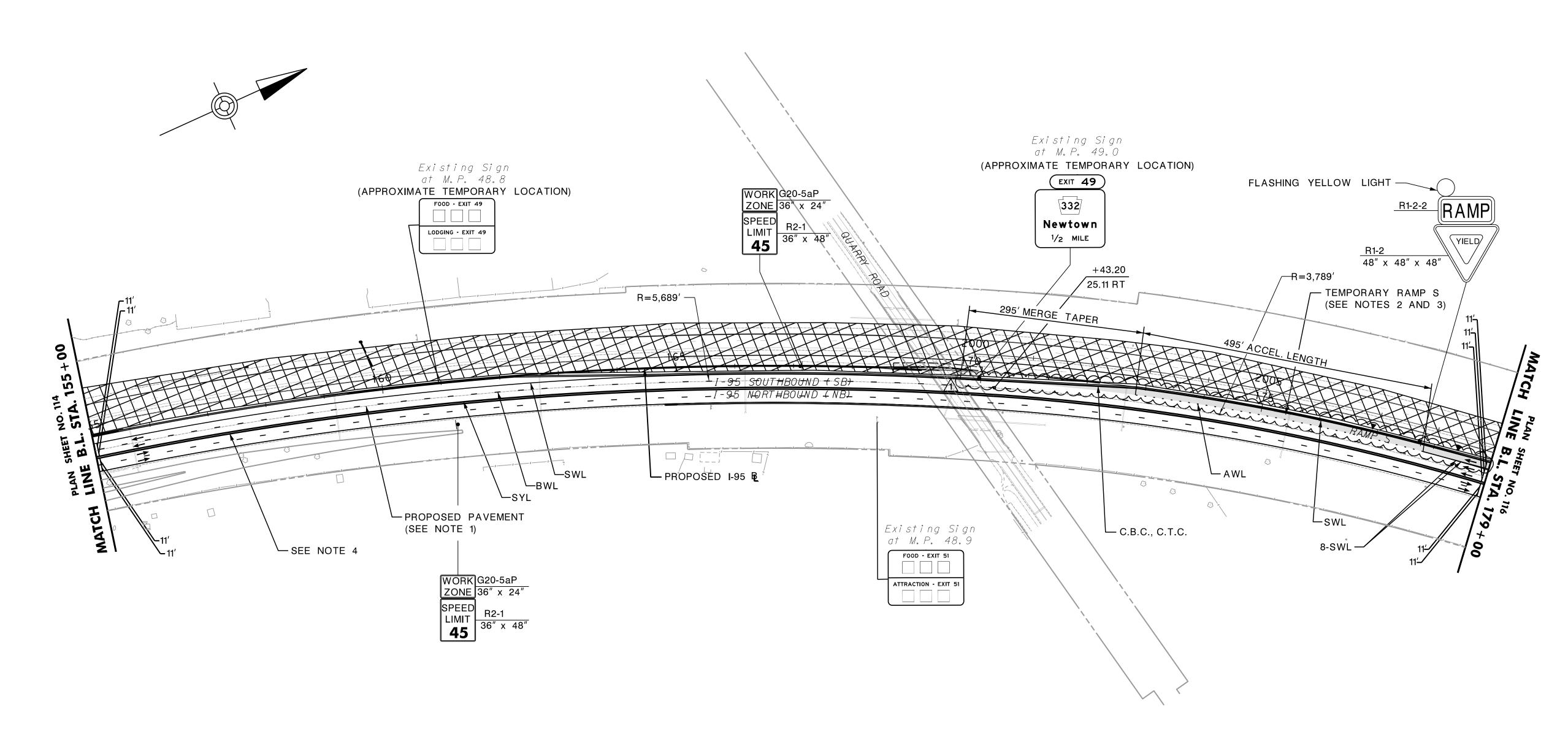




- FOR I-95 SB(PA) CROSSOVER ALIGNMENTS, ALIGNMENT DATA, GRADING, PROFILES, AND TYPICAL SECTIONS, SEE SHEETS 55 THROUGH 58.
- I-95 NB STRIPING AND TRAFFIC CONTROL DEVICES INSTALLED DURING STAGE 1A-1 TO REMAIN.

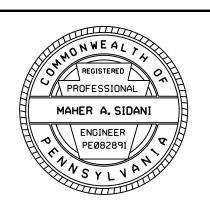


D	ISTRICT	COUNTY	ROUTE	SECTION	SHEET	
	6-0	BUCKS	0095	001	115 OF 1	73
REVISION NUMBER			REVISIONS		DATE	ВҮ
1	ADDENDU	1 NO. 4			11/04/16	DJF

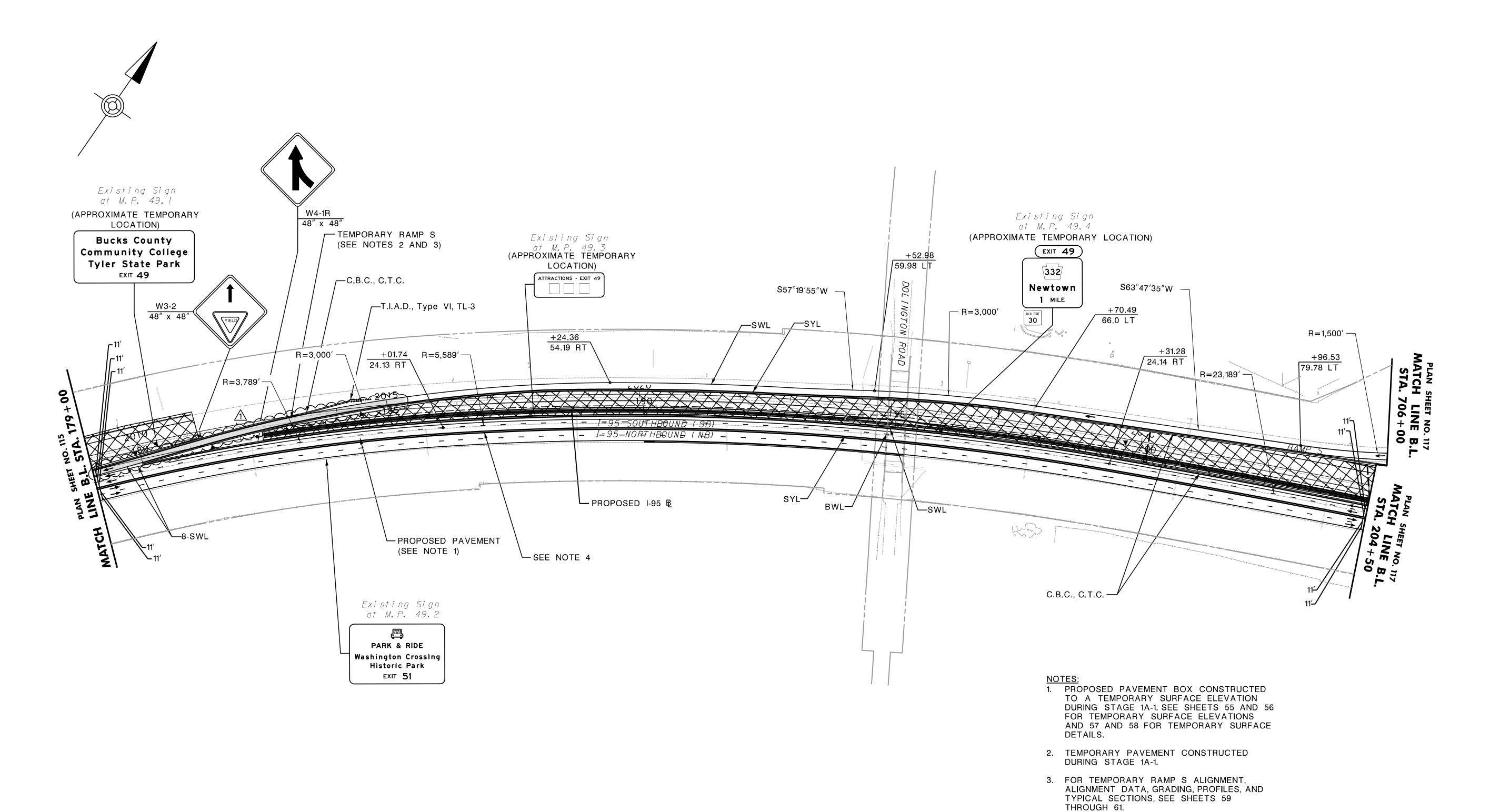


- NOTES:

 1. PROPOSED PAVEMENT BOX CONSTRUCTED TO A TEMPORARY SURFACE ELEVATION DURING STAGE 1A-1. SEE SHEETS 55 AND 56 FOR TEMPORARY SURFACE ELEVATIONS AND 57 AND 58 FOR TEMPORARY SURFACE DETAILS.
- 2. TEMPORARY PAVEMENT CONSTRUCTED DURING STAGE 1A-1.
- 3. FOR TEMPORARY RAMP S ALIGNMENT, ALIGNMENT DATA, GRADING, PROFILES, AND TYPICAL SECTIONS, SEE SHEETS 59 THROUGH 61
- 4. I-95 NB STRIPING AND TRAFFIC CONTROL DEVICES INSTALLED DURING STAGE 1A-1 TO REMAIN.



D	ISTRICT		COUNTY	ROUTE	SECTION	SHEET	
	6-0	[BUCKS	0095	001	116 OF 1	73
			LOWER	MAKEFIELD TOW	/NSH I P		
REVISION NUMBER				REVISIONS		DATE	BY
1	ADDENDU	NO.	4			11/04/16	DJF



PROFESSIONAL

MAHER A. SIDANI

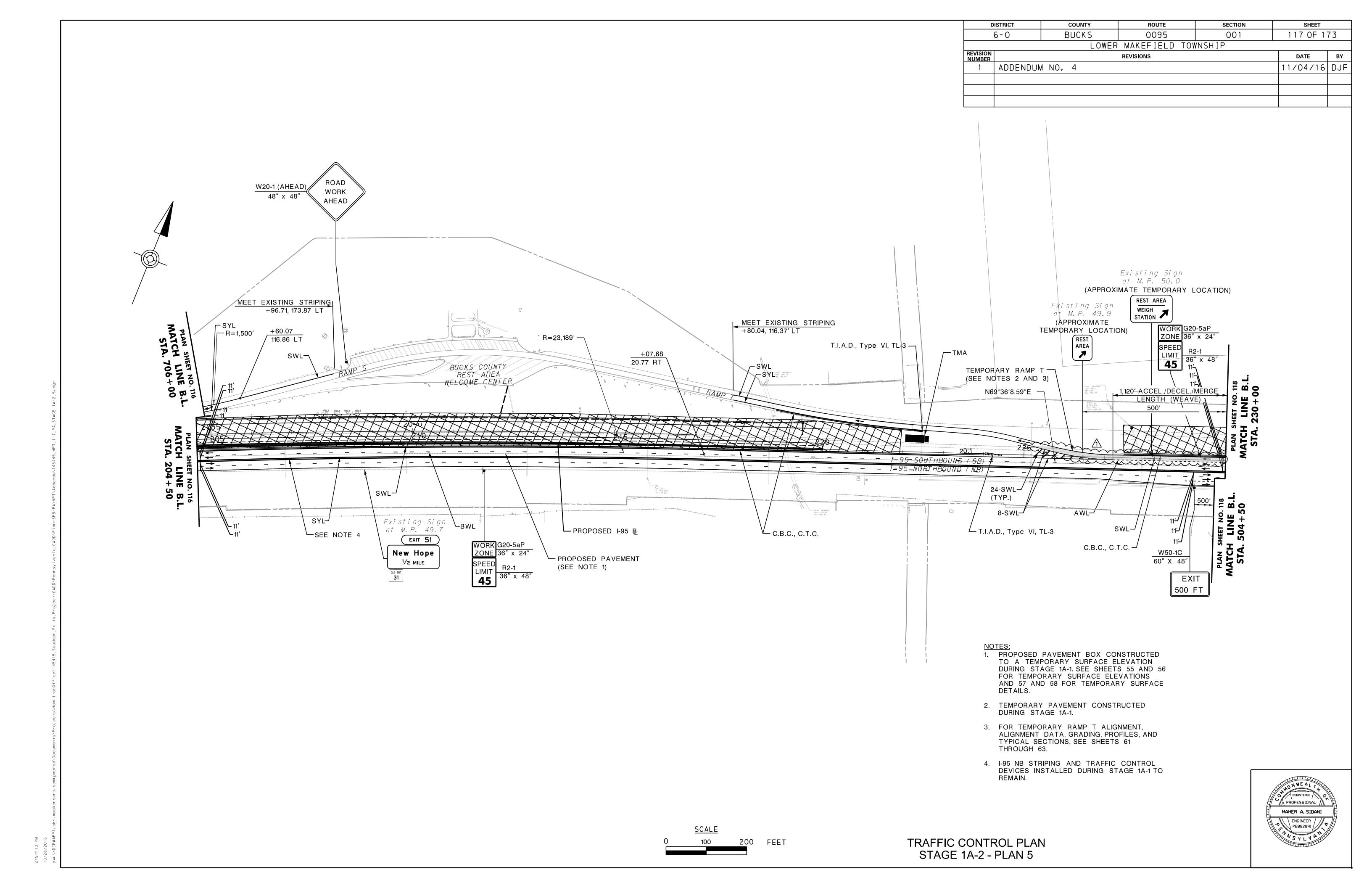
ENGINEER
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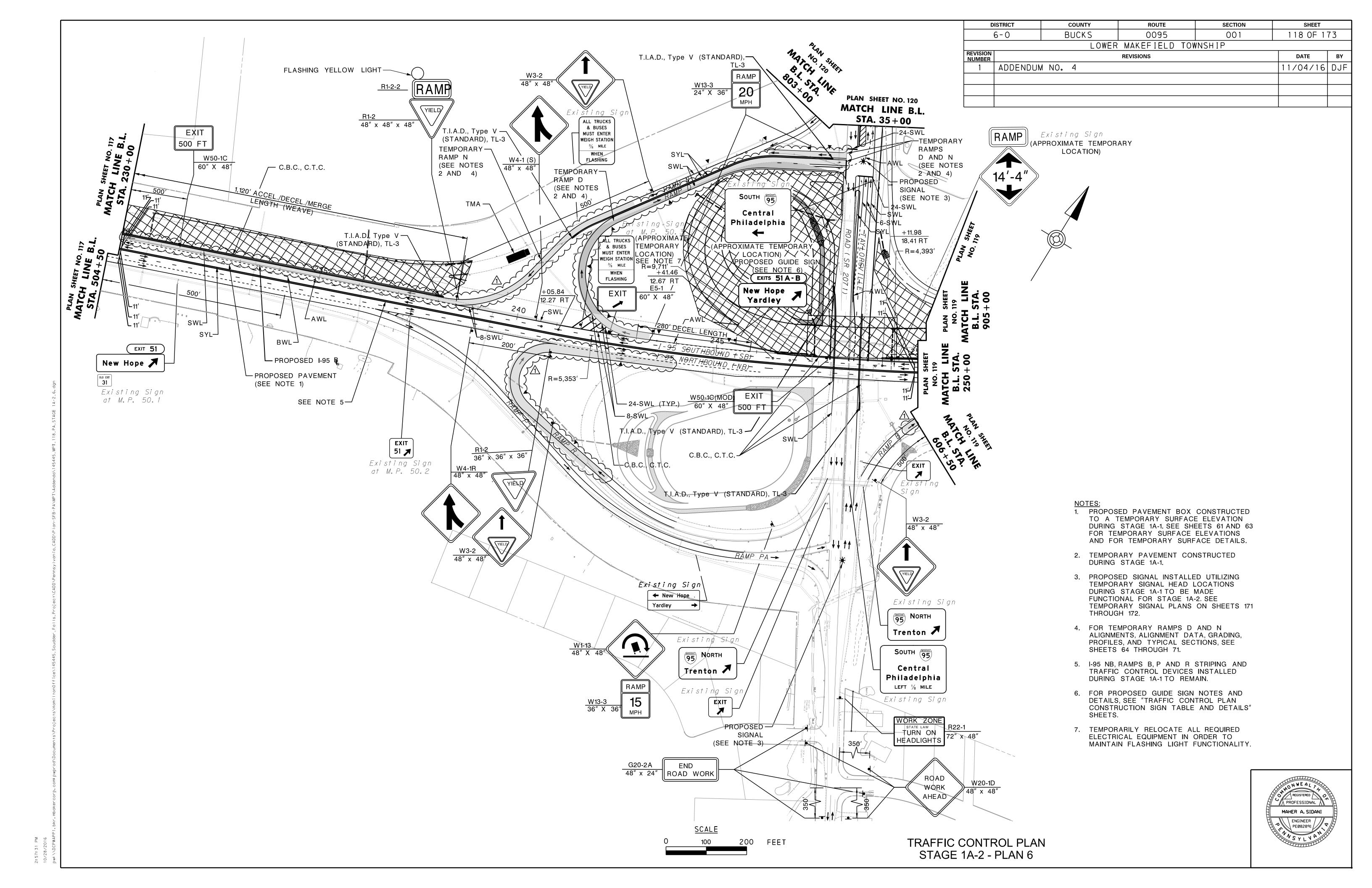
V S Y L V A

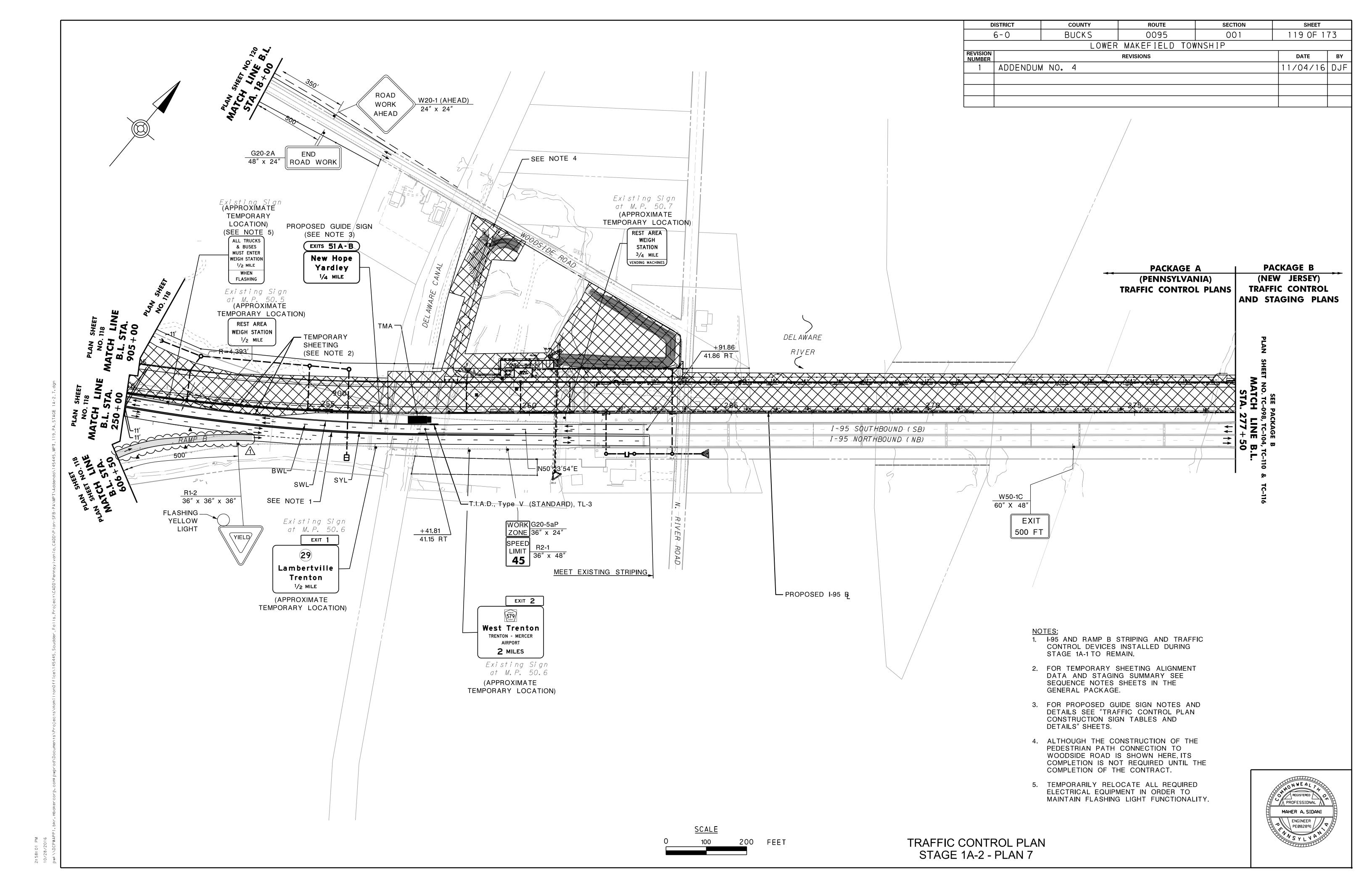
REMAIN.

4. I-95 NB STRIPING AND TRAFFIC CONTROL

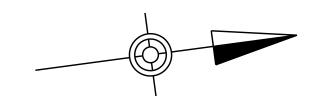
DEVICES INSTALLED DURING STAGE 1A-1 TO

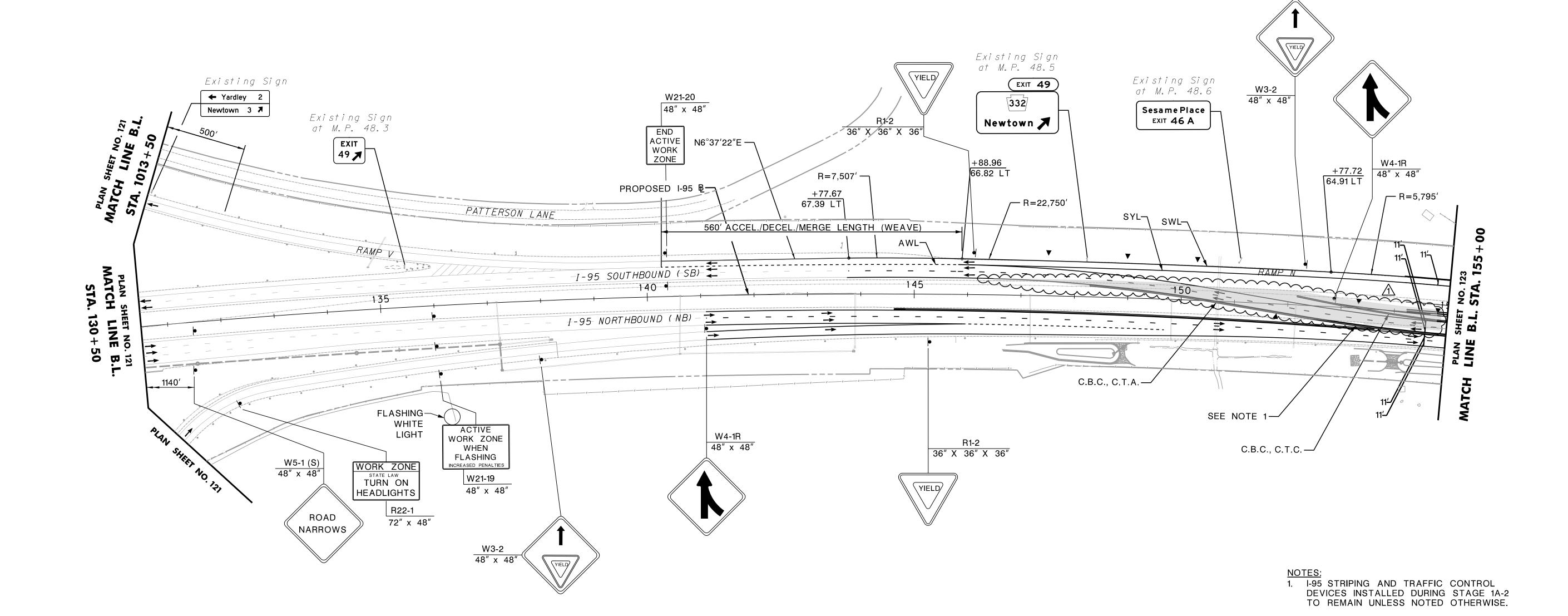


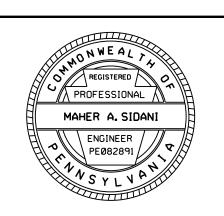




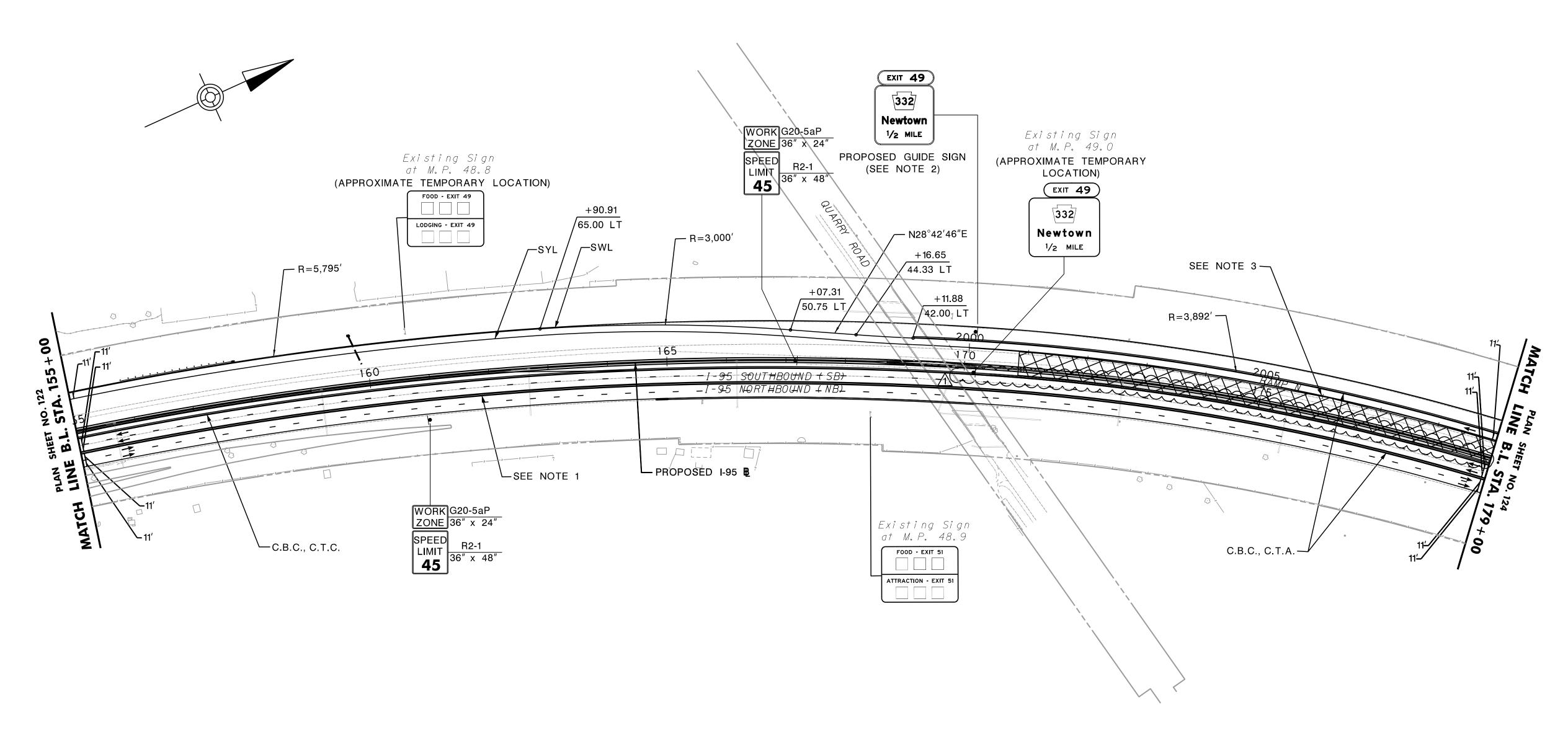
DISTRICT		COUNTY	ROUTE	SECTION	SHEET	
6-0		BUCKS 0095 001		122 OF 173		
		LOWER	MAKEFIELD TOW	NSH I P		
REVISION NUMBER			REVISIONS		DATE	ВҮ
1	ADDENDUM	1 NO. 4			11/04/16	DJF





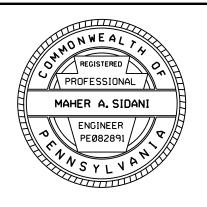


DISTRICT		COUNTY	ROUTE	SECTION	SHEET				
6-0		BUCKS	0095	001	123 OF 1	73			
	LOWER MAKEFIELD TOWNSHIP								
REVISION NUMBER			REVISIONS		DATE	ВҮ			
1	ADDENDU	1 NO. 4			11/04/16	DJF			

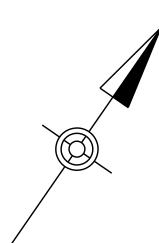


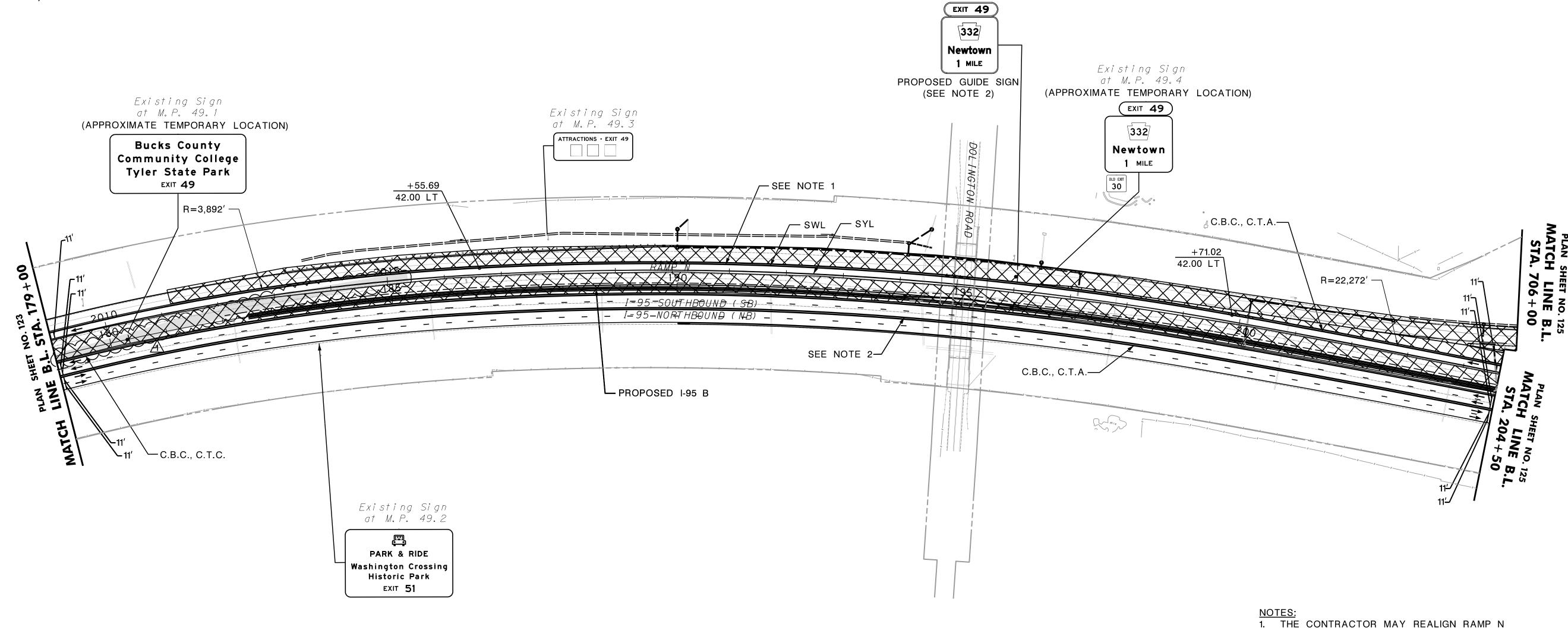
- NOTES:

 1. I-95 STRIPING AND TRAFFIC CONTROL DEVICES INSTALLED DURING STAGE 1A-2 TO REMAIN UNLESS NOTED OTHERWISE.
- 2. FOR PROPOSED GUIDE SIGN NOTES AND DETAILS, SEE "TRAFFIC CONTROL PLAN CONSTRUCTION SIGN TABLE AND DETAILS" SHEETS.
- THE CONTRACTOR MAY REALIGN RAMP N DURING STAGE 1A-3 IN ORDER TO COMPLETE THE NECESSARY WORK IN STAGE 1A-3 BOTH VERTICALLY AND HORIZONTALLY.

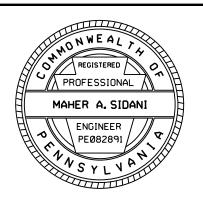


	DISTRICT 6 - 0			COUNTY	ROUTE	SECTION	SHEET		
			E	BUCKS 0095 001		124 OF 173			
	LOWER MAKEFIELD TOWNSHIP								
	REVISION NUMBER				REVISIONS		DATE	BY	
	1	ADDENDUM	NO.	4			11/04/16	DJF	

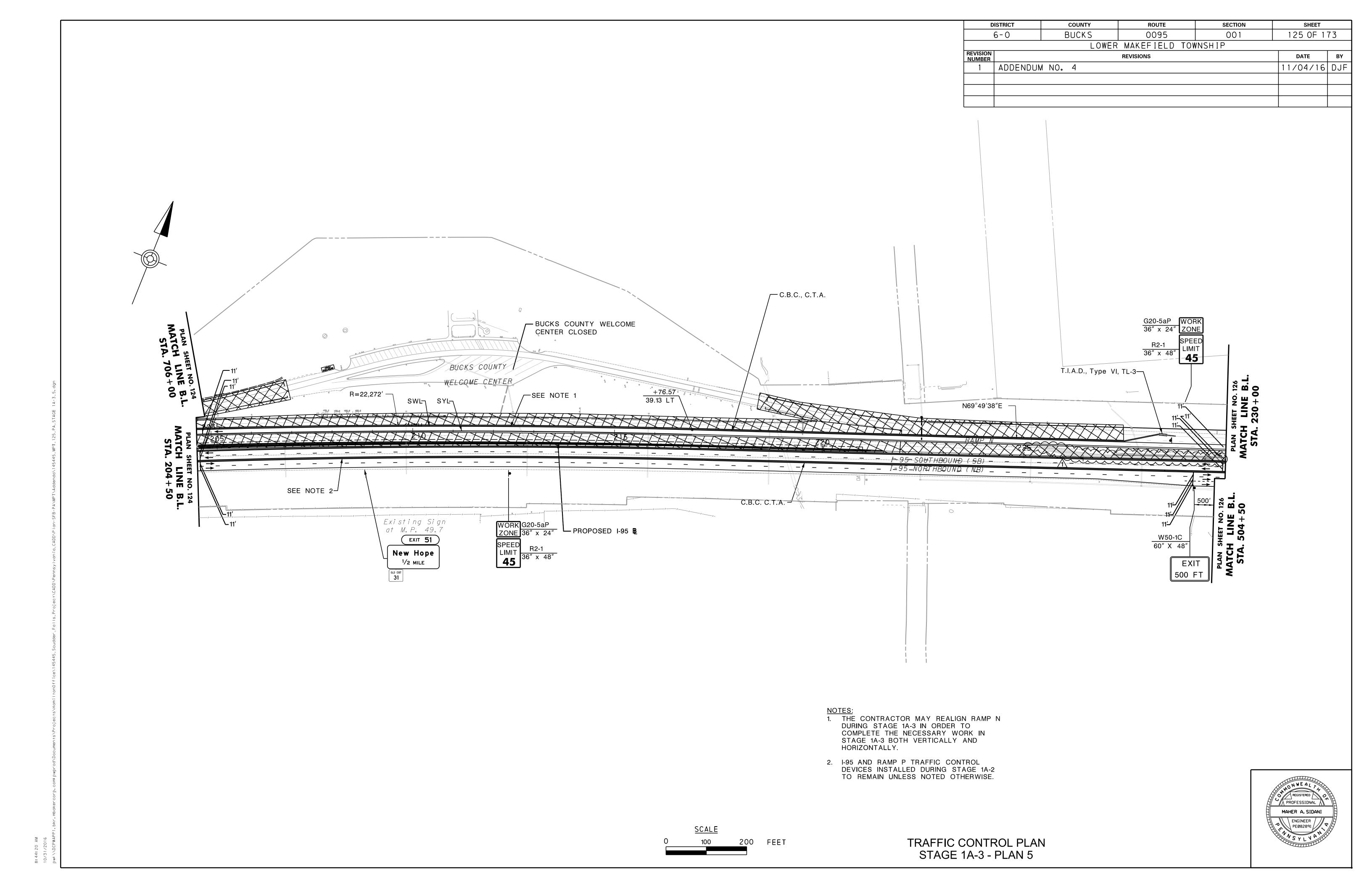


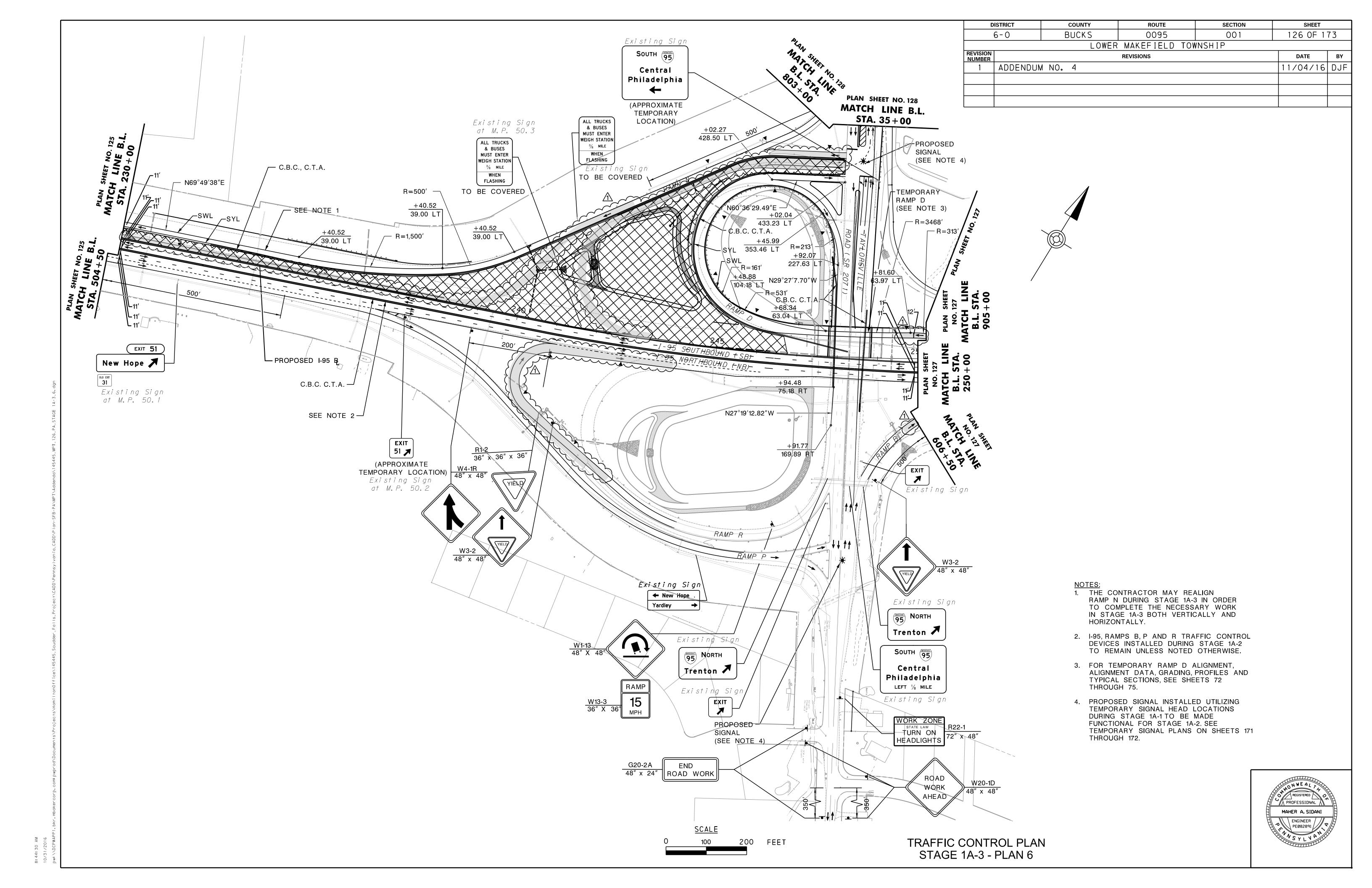


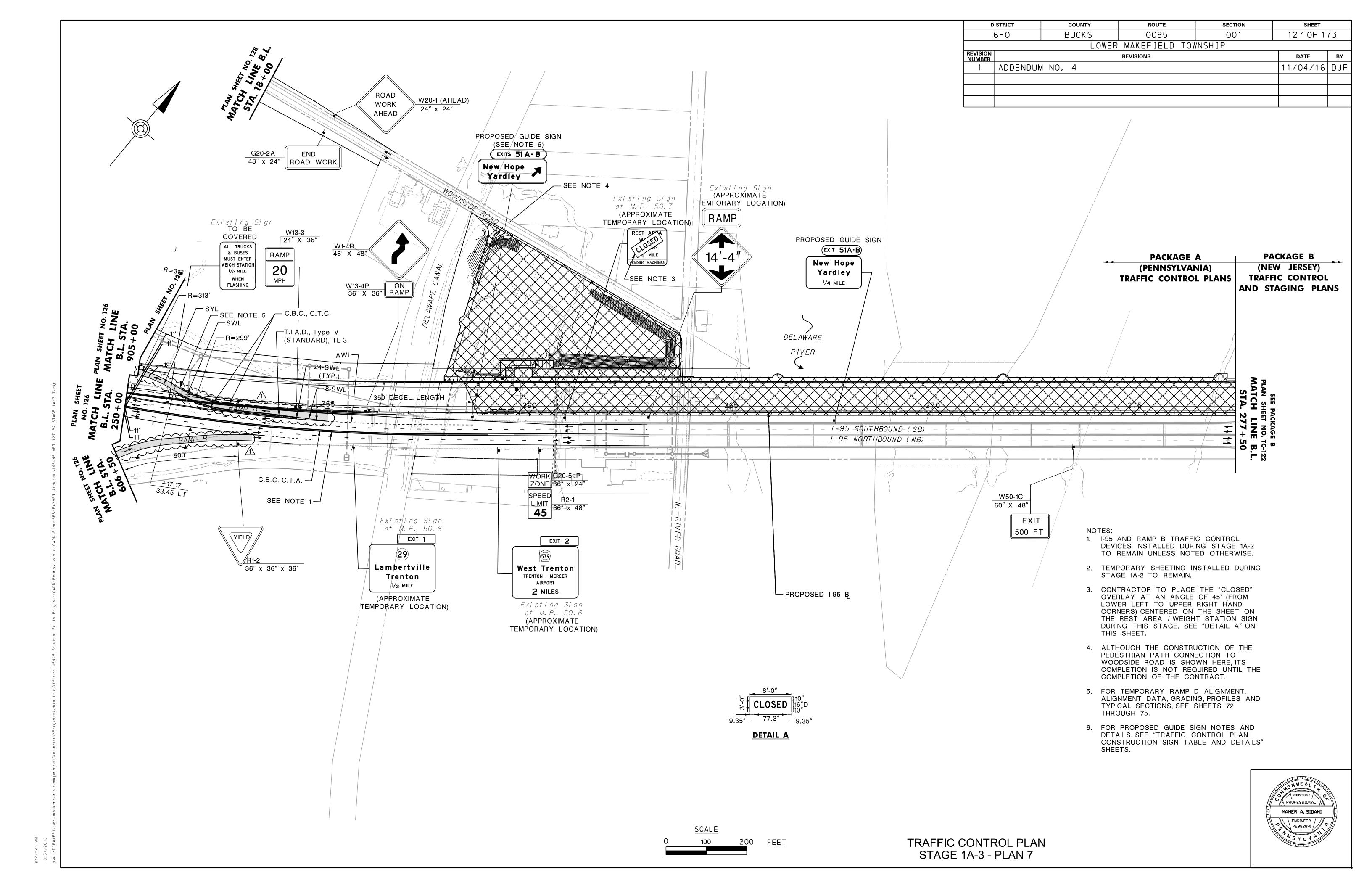
- DURING STAGE 1A-3 IN ORDER TO COMPLETE THE NECESSARY WORK IN STAGE 1A-3 BOTH VERTICALLY AND HORIZONTALLY.
- I-95 STRIPING AND TRAFFIC CONTROL DEVICES INSTALLED DURING STAGE 1A-2 TO REMAIN UNLESS NOTED OTHERWISE.
- 3. THE CONTRACTOR MAY REALIGN RAMP N DURING STAGE 1A-3 IN ORDER TO COMPLETE THE NECESSARY WORK IN STAGE 1A-3 BOTH VERTICALLY AND HORIZONTALLY.



<u>SCALE</u> 200 FEET



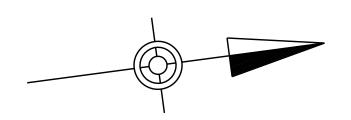


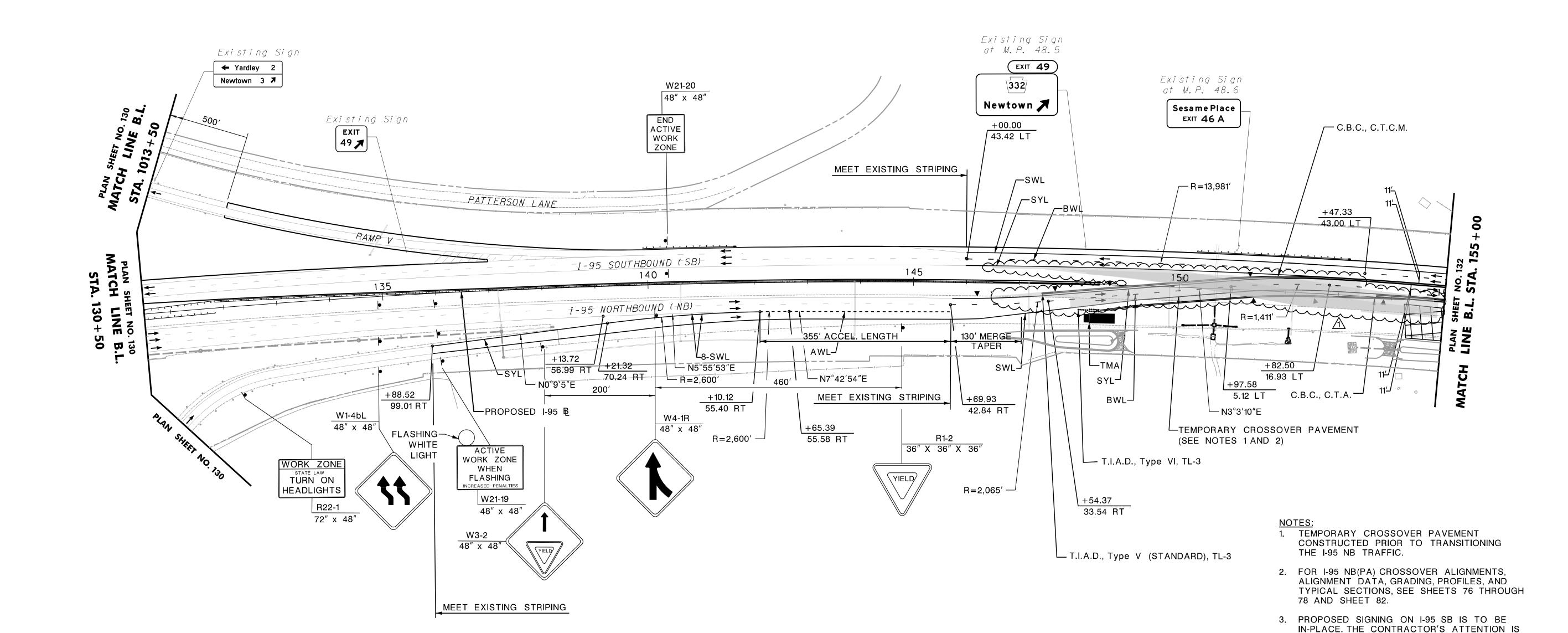


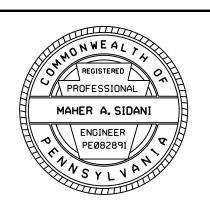
DISTRICT		COUNTY	ROUTE	SECTION	SHEET	
6-0		BUCKS 0095 001		131 OF 173		
		LOWER	MAKEFIELD TOW	NSH I P		
REVISION NUMBER			REVISIONS		DATE	BY
1	ADDENDU	1 NO. 4			11/04/16	DJF

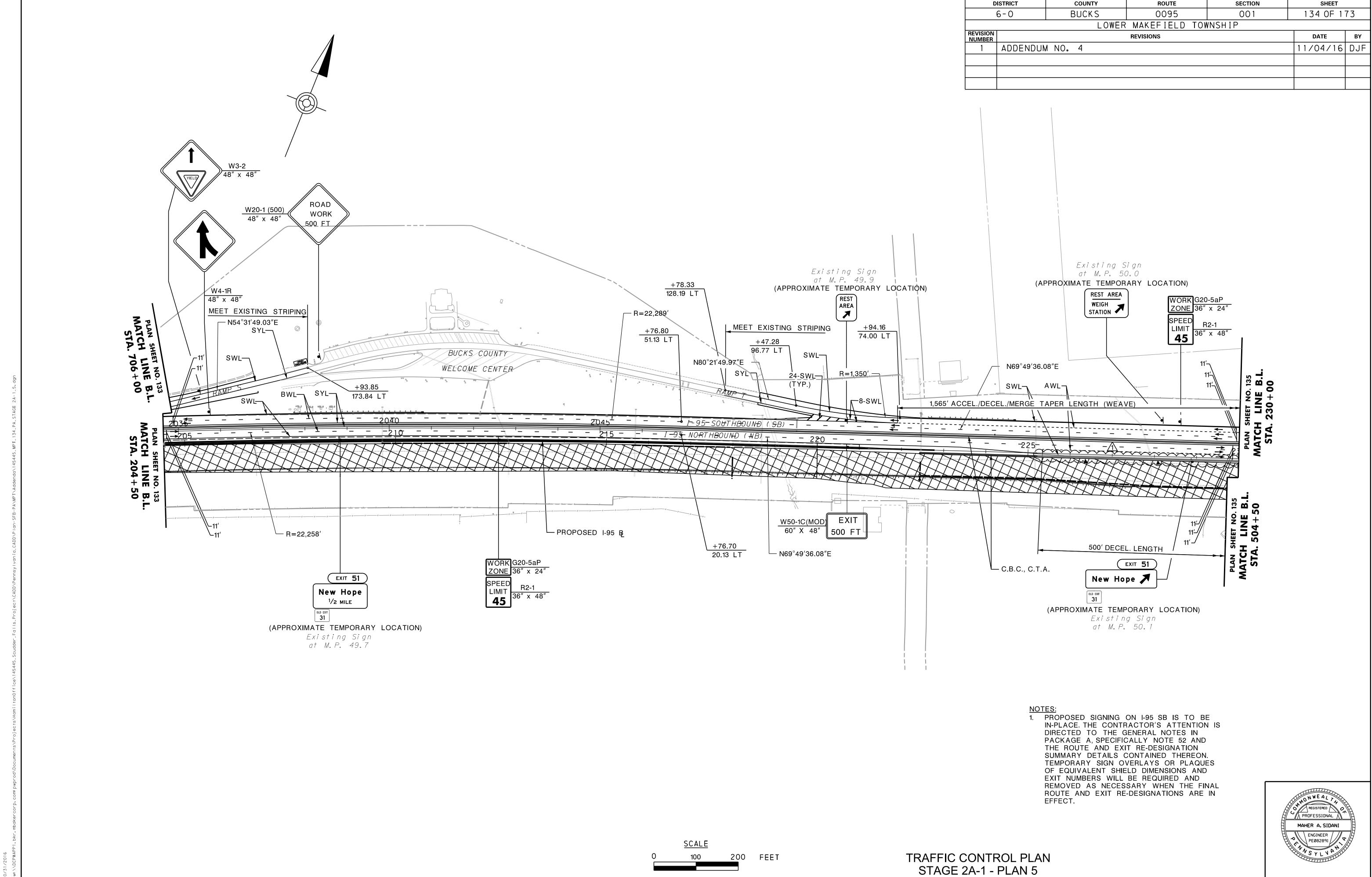
DIRECTED TO THE GENERAL NOTES IN PACKAGE A, SPECIFICALLY NOTE 52 AND THE ROUTE AND EXIT RE-DESIGNATION SUMMARY DETAILS CONTAINED THEREON. TEMPORARY SIGN OVERLAYS OR PLAQUES OF EQUIVALENT SHIELD DIMENSIONS AND EXIT NUMBERS WILL BE REQUIRED AND REMOVED AS NECESSARY WHEN THE FINAL ROUTE AND EXIT RE-DESIGNATIONS ARE IN

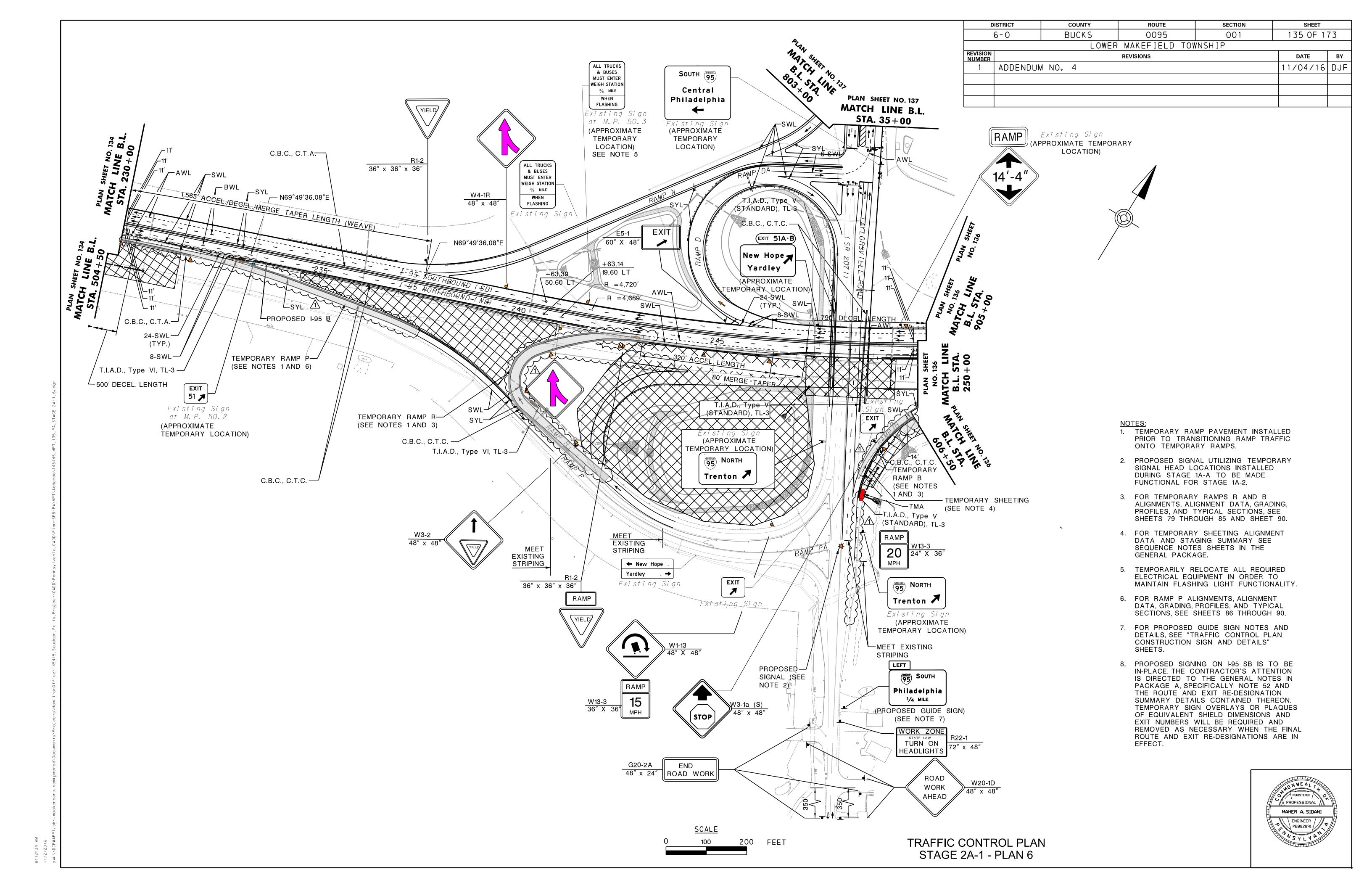
EFFECT.

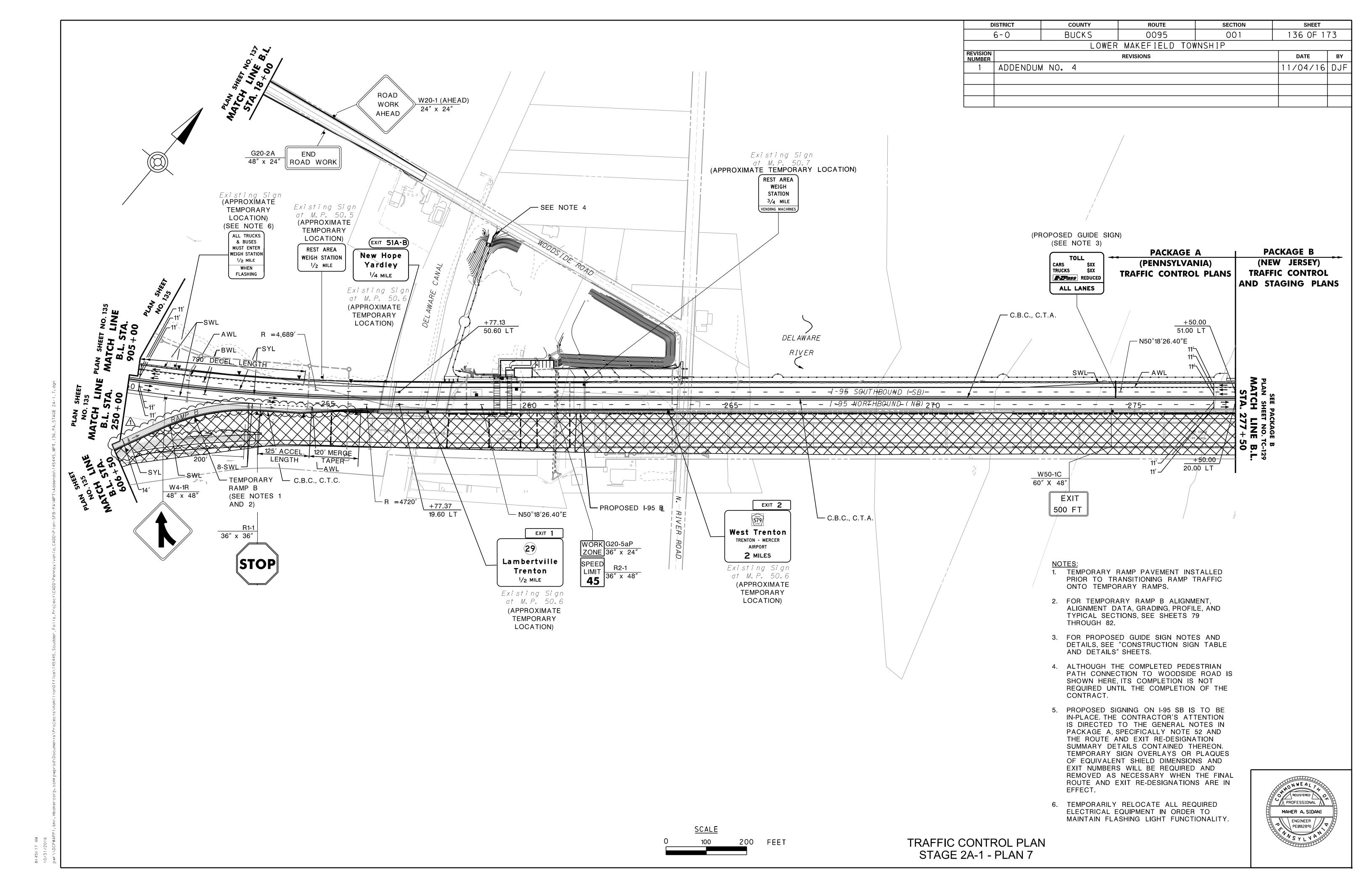




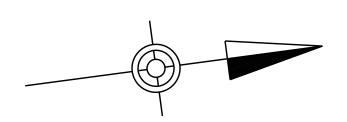


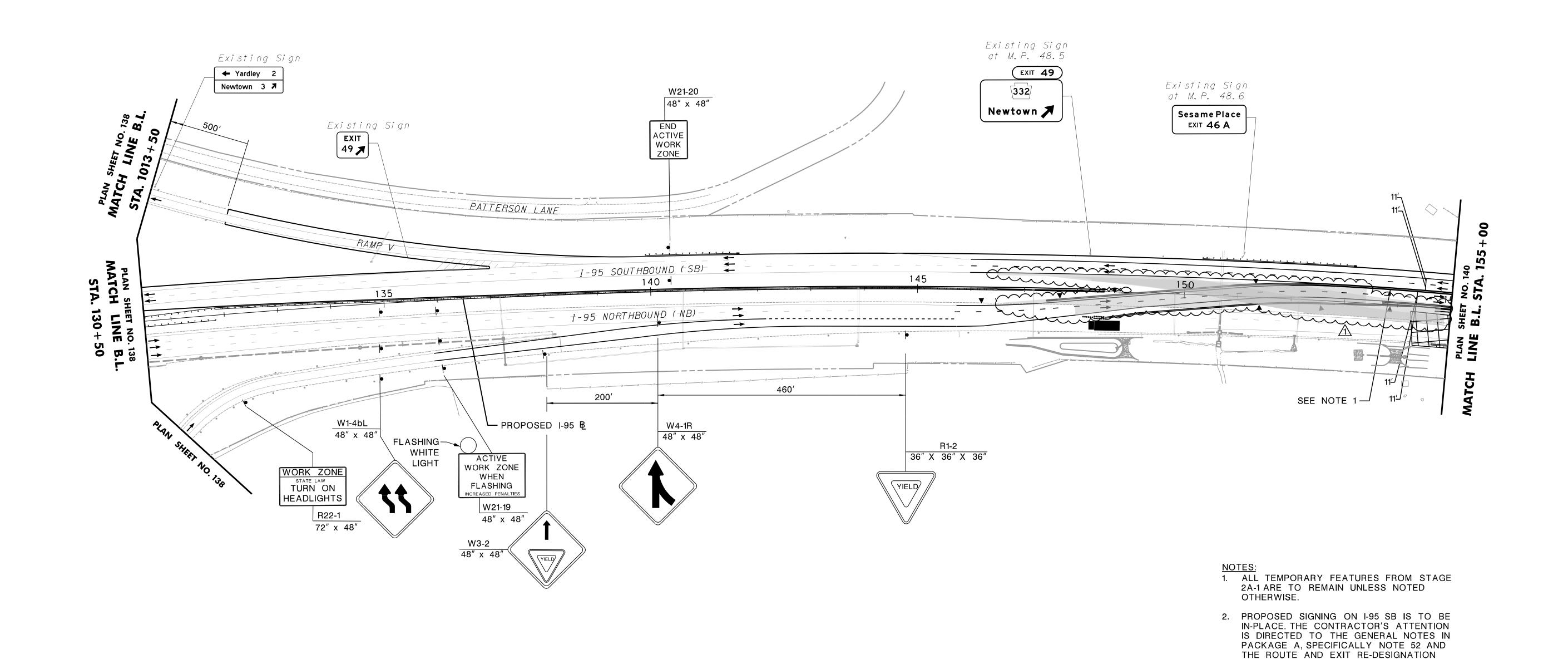


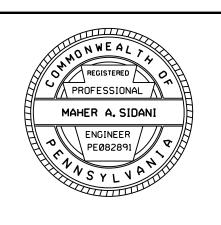




D	ISTRICT	COUNTY	ROUTE SECTION		SHEET		
	6-0 BUCKS		0095 001		139 OF 173		
	•	LOWER MAKEFIELD TOWNSHIP					
REVISION NUMBER			REVISIONS		DATE	вү	
1	ADDENDUM	NO. 4			11/04/16	DJF	





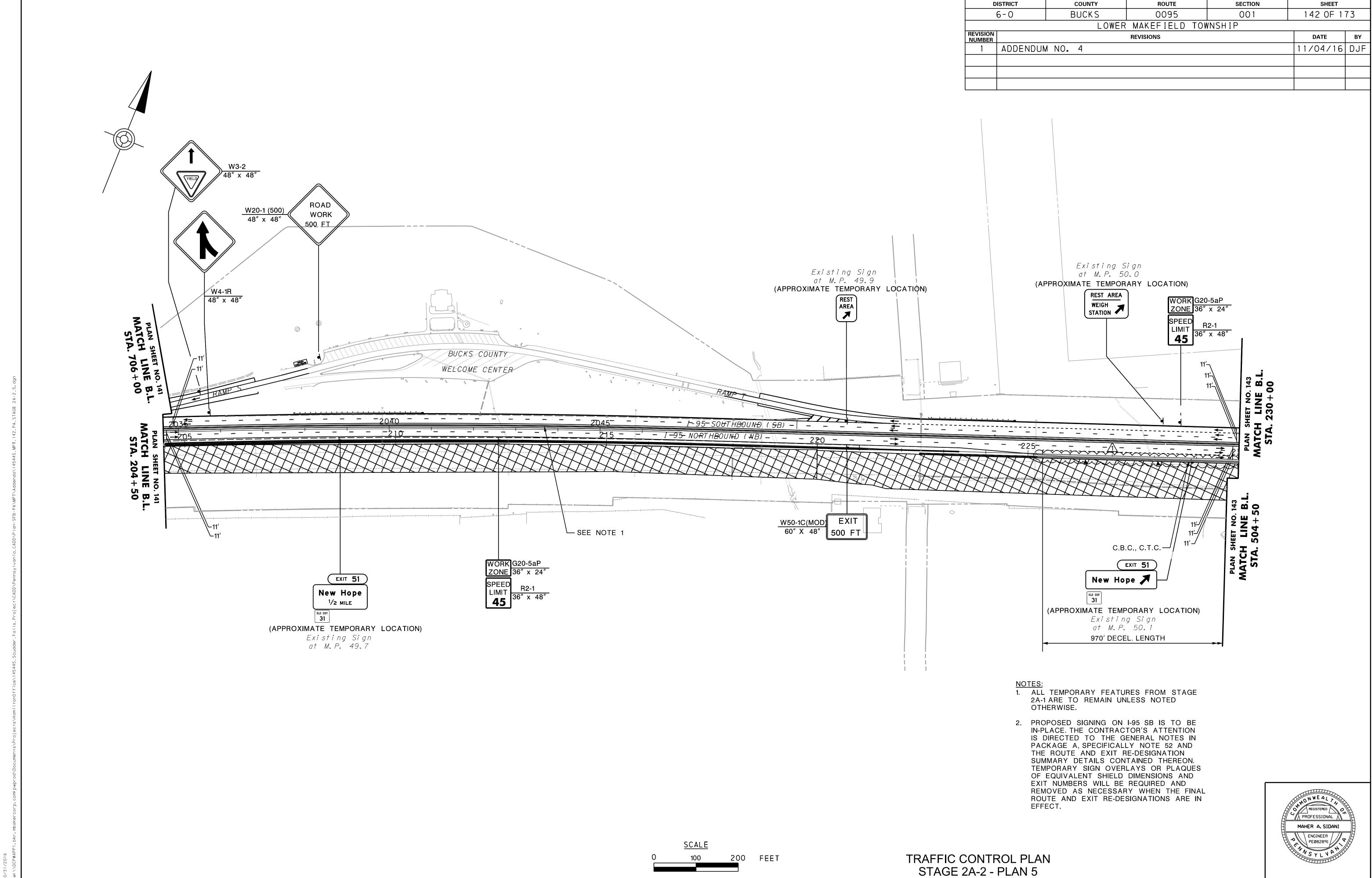


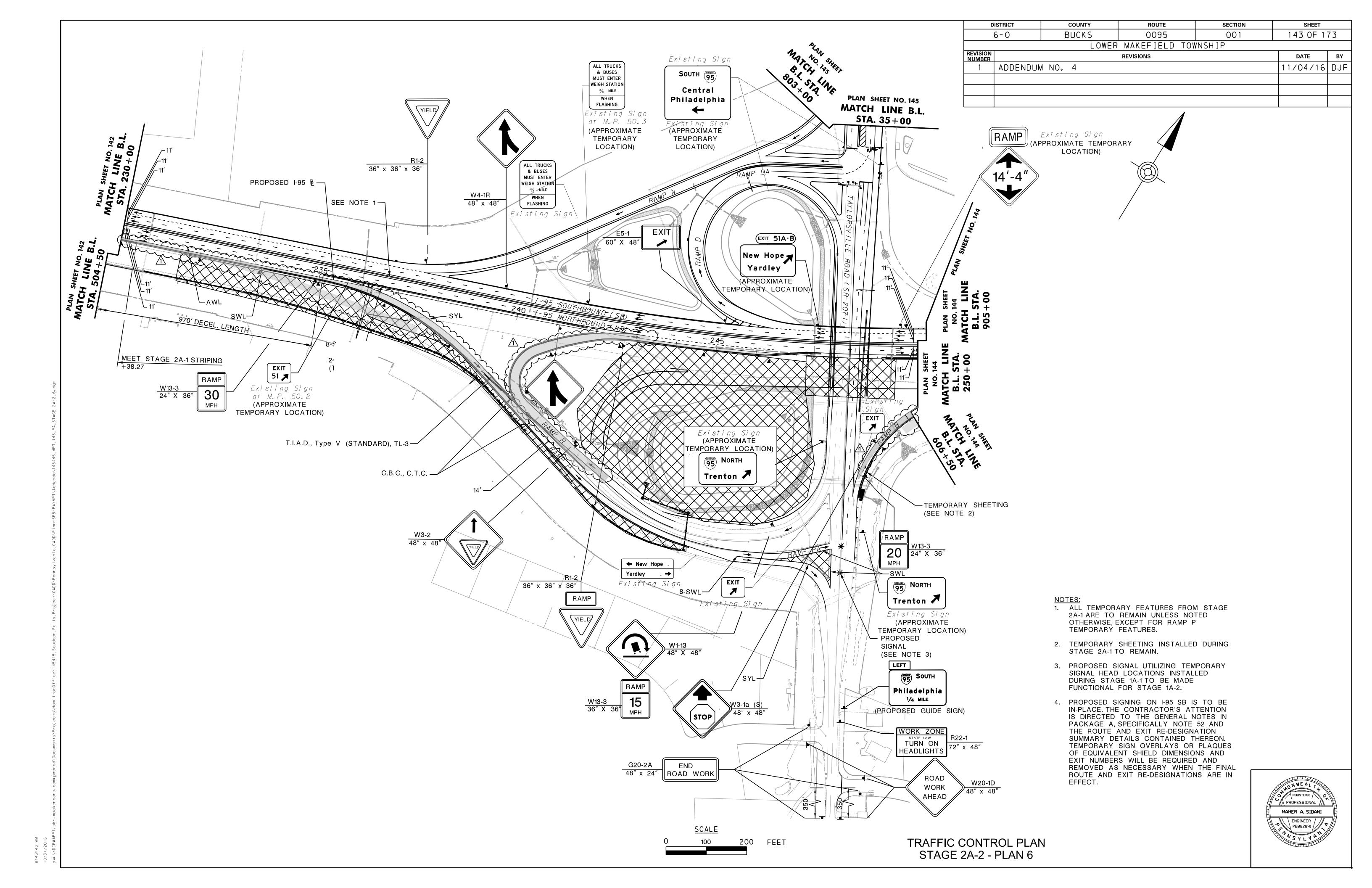
EFFECT.

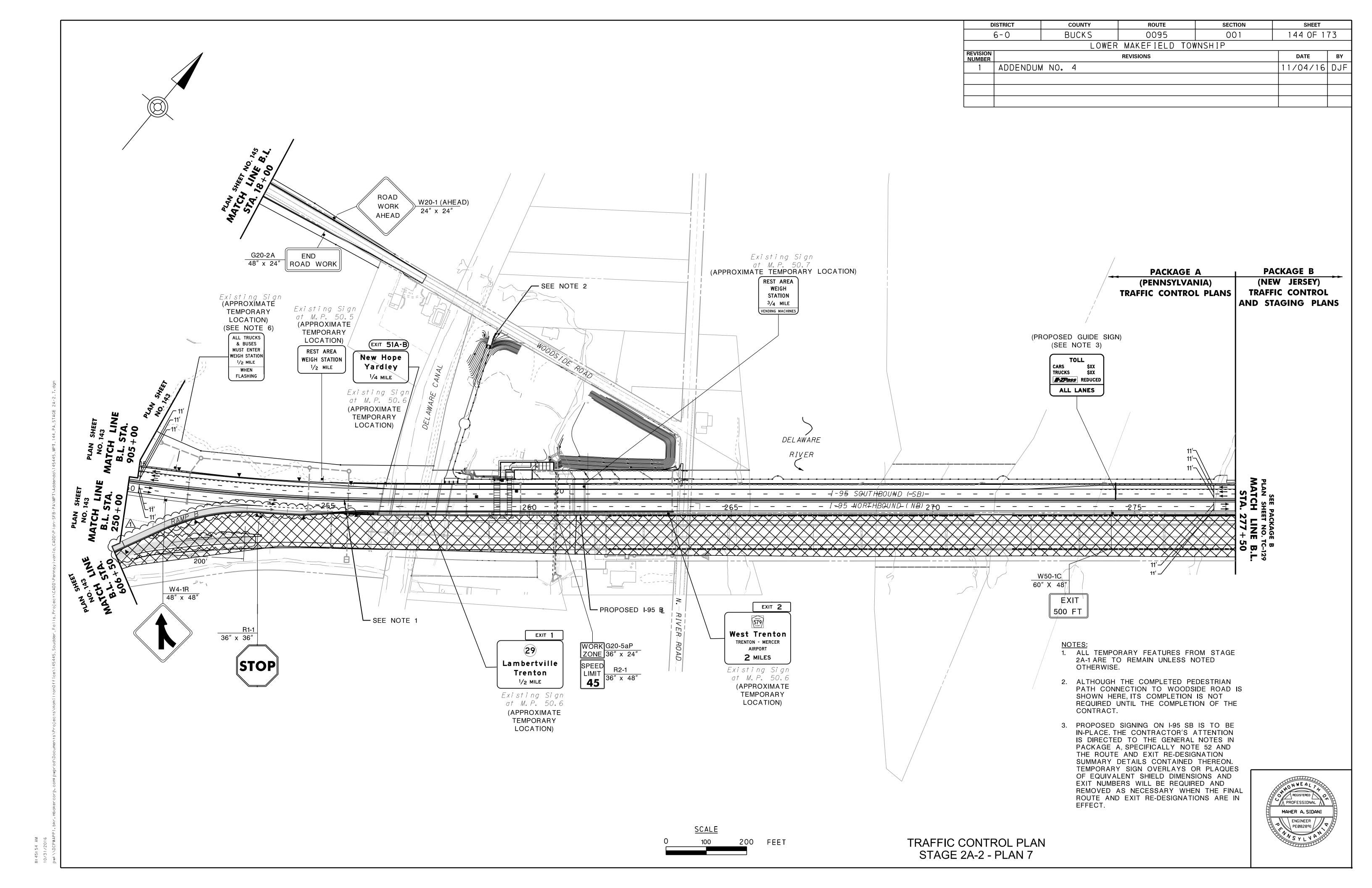
SUMMARY DETAILS CONTAINED THEREON. TEMPORARY SIGN OVERLAYS OR PLAQUES

EXIT NUMBERS WILL BE REQUIRED AND REMOVED AS NECESSARY WHEN THE FINAL ROUTE AND EXIT RE-DESIGNATIONS ARE IN

OF EQUIVALENT SHIELD DIMENSIONS AND

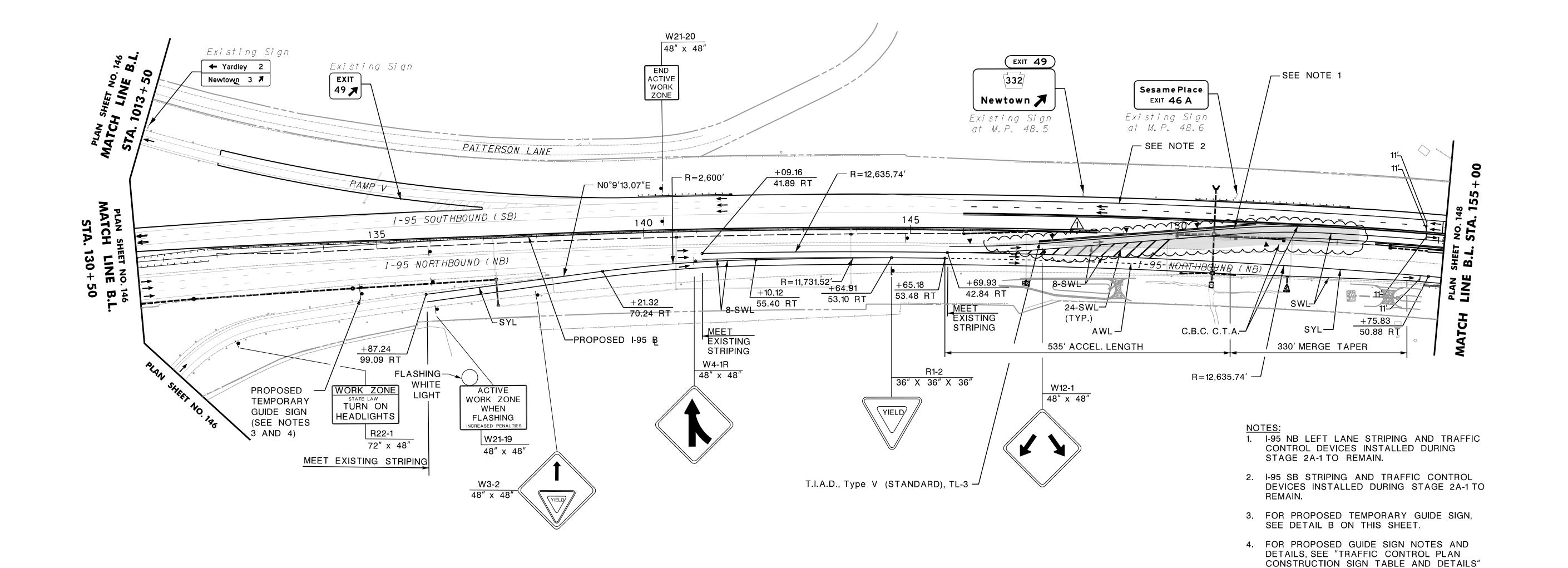


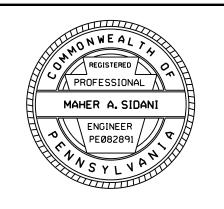




D	ISTRICT		COUNTY	ROUTE	SECTION	SHEET	
	6-0	Е	BUCKS	0095	0095 001		73
			LOWER	MAKEFIELD TOW	NSH I P		
REVISION NUMBER				REVISIONS		DATE	ВҮ
1	ADDENDUM	I NO.	4			11/04/16	DJF







SHEETS.

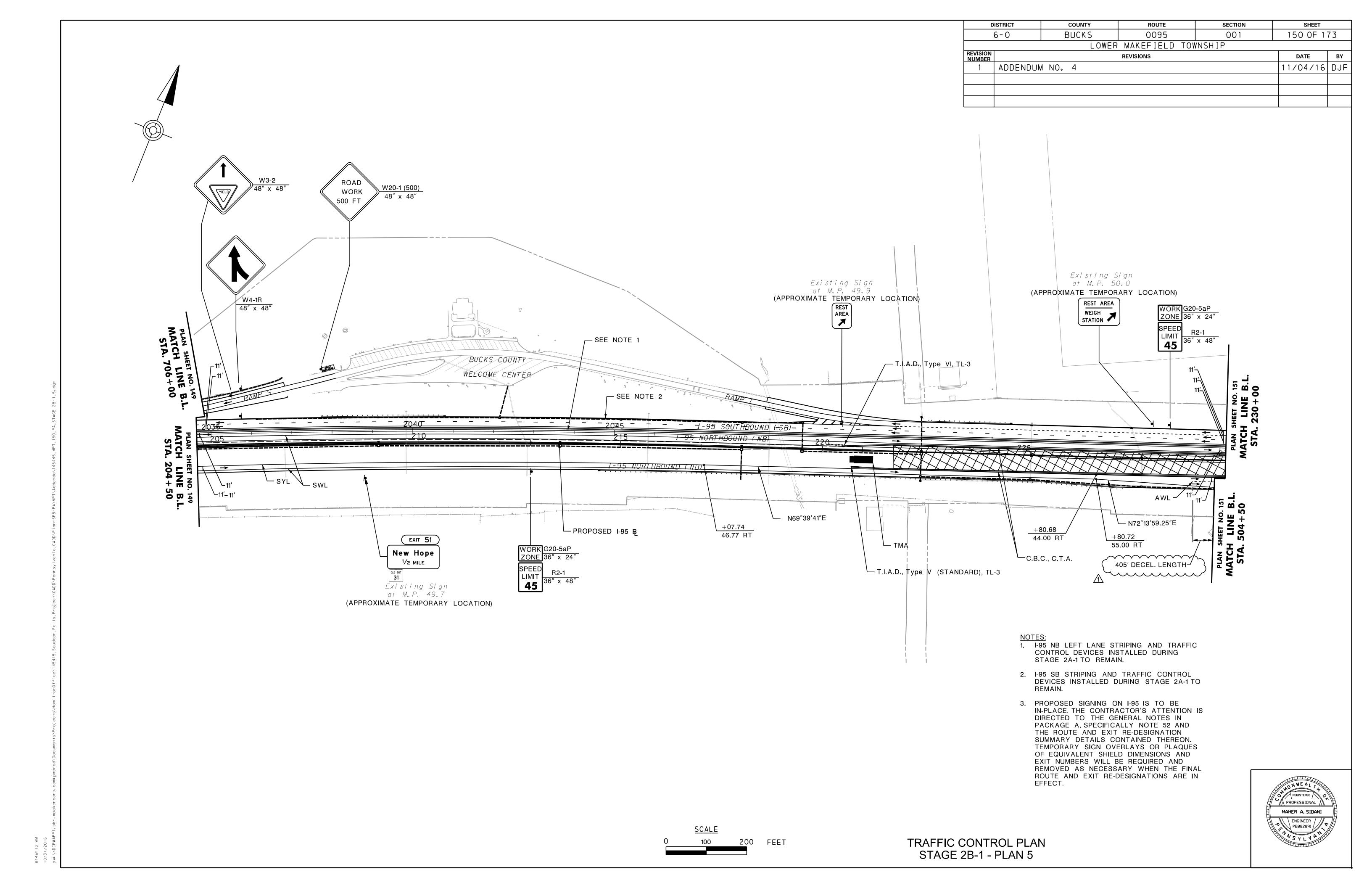
EFFECT.

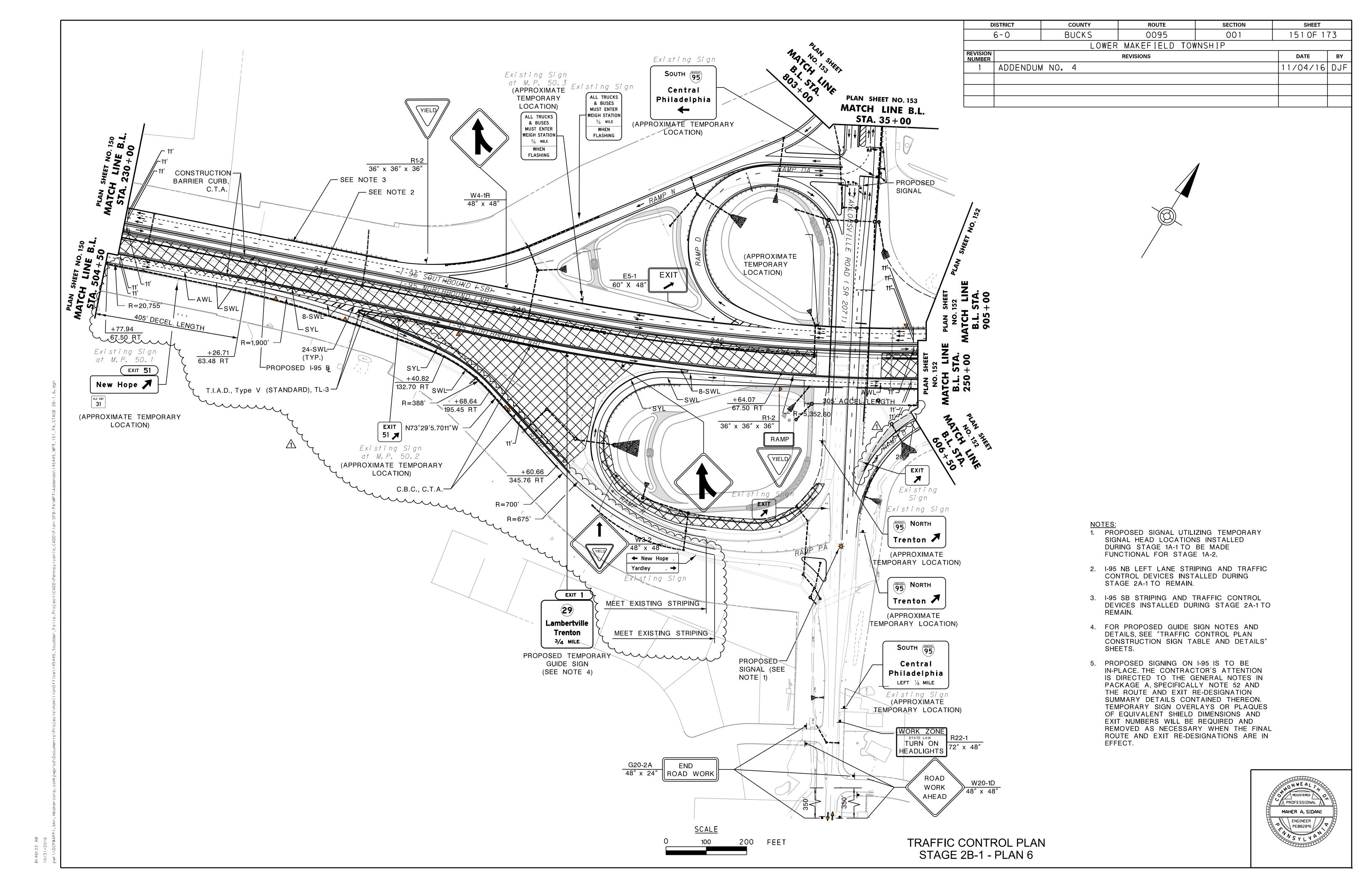
5. PROPOSED SIGNING ON I-95 IS TO BE

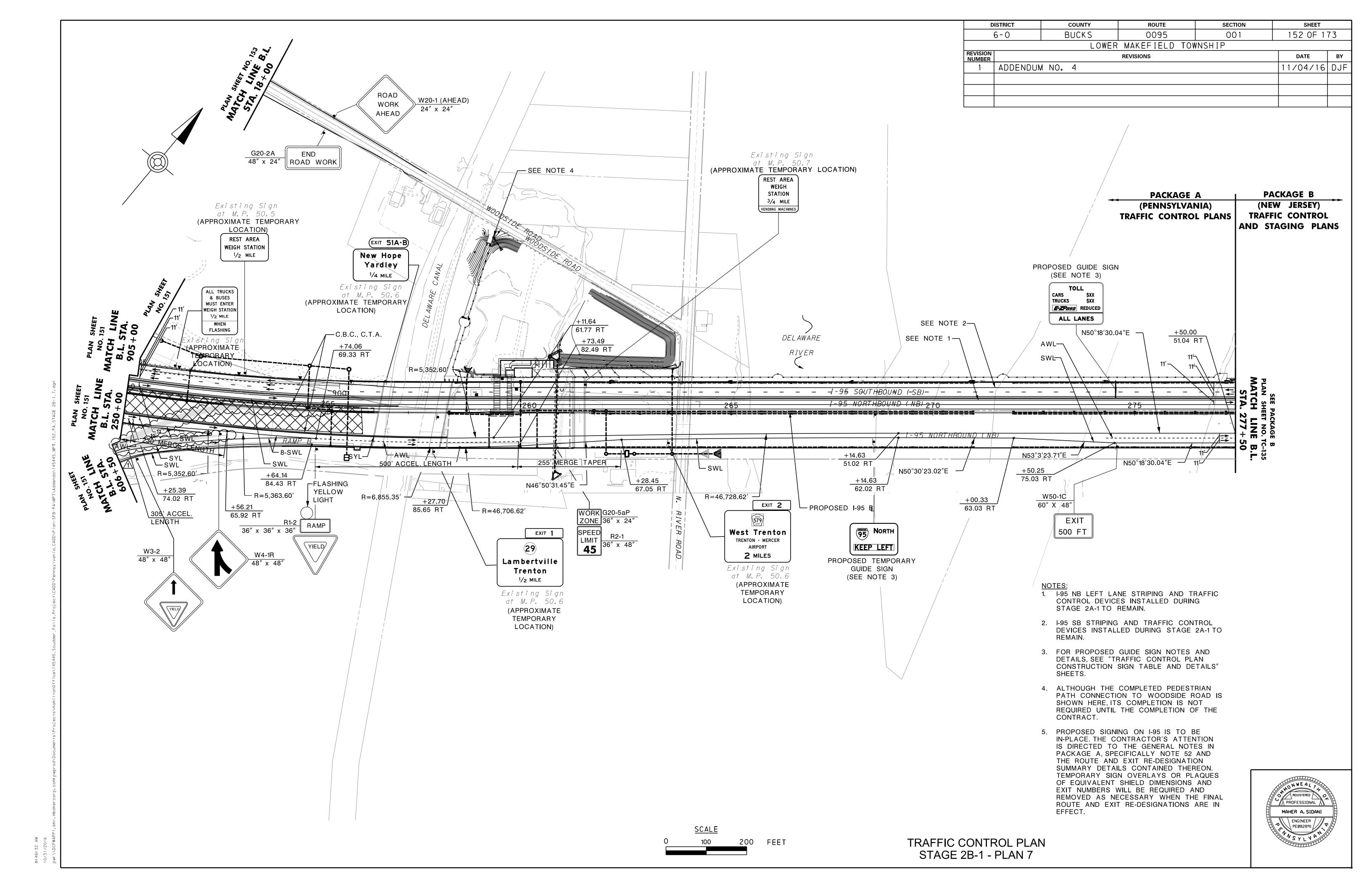
DIRECTED TO THE GENERAL NOTES IN PACKAGE A, SPECIFICALLY NOTE 52 AND THE ROUTE AND EXIT RE-DESIGNATION SUMMARY DETAILS CONTAINED THEREON. TEMPORARY SIGN OVERLAYS OR PLAQUES OF EQUIVALENT SHIELD DIMENSIONS AND EXIT NUMBERS WILL BE REQUIRED AND REMOVED AS NECESSARY WHEN THE FINAL

IN-PLACE. THE CONTRACTOR'S ATTENTION IS

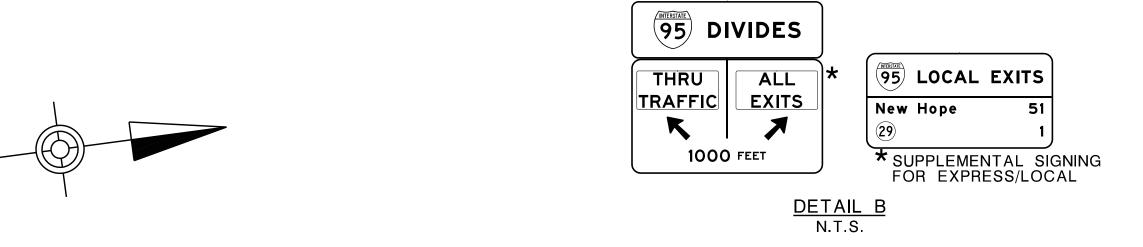
ROUTE AND EXIT RE-DESIGNATIONS ARE IN

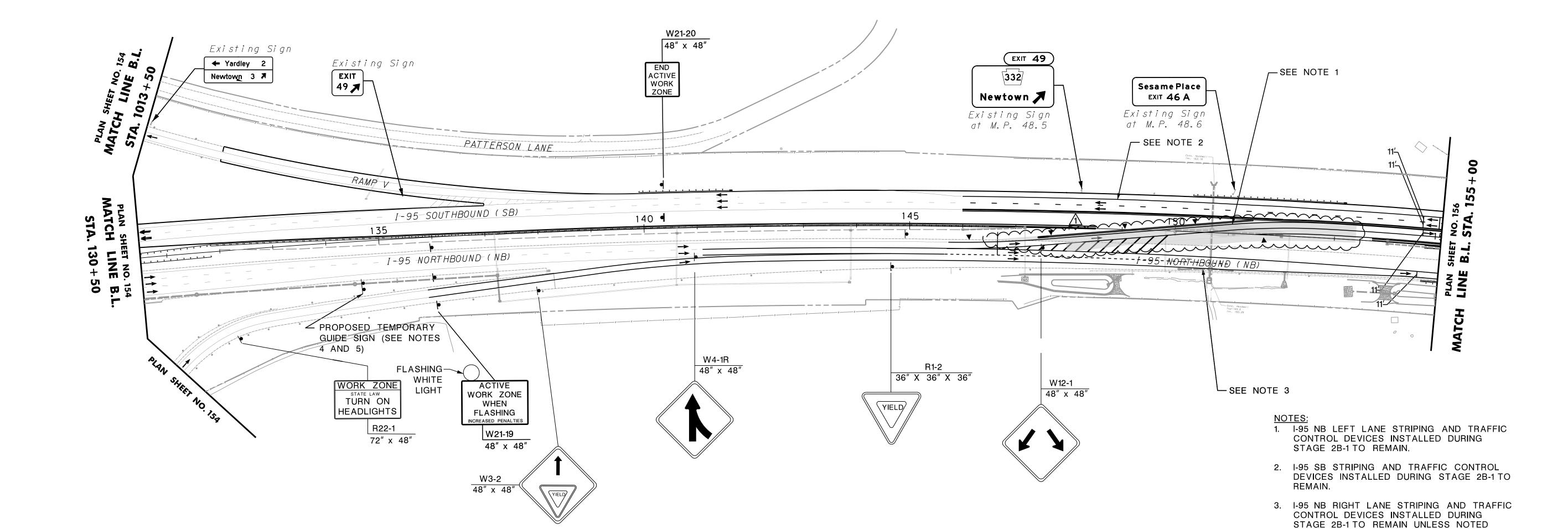


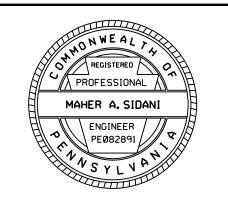




D	ISTRICT	COUNTY	ROUTE	SECTION	SHEET		
	6-0 BUCKS		0095	0095 001		73	
		LOWER MAKEFIELD TOWNSHIP					
REVISION NUMBER			REVISIONS		DATE	ВҮ	
1	ADDENDUM	1 NO. 4			11/04/16	DJF	







OTHERWISE.

EFFECT.

4. FOR PROPOSED TEMPORARY GUIDE SIGN,

5. PROPOSED TEMPORARY GUIDE SIGN, TO

6. PROPOSED SIGNING ON I-95 IS TO BE

IN-PLACE. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE GENERAL NOTES IN PACKAGE A, SPECIFICALLY NOTE 52 AND THE ROUTE AND EXIT RE-DESIGNATION SUMMARY DETAILS CONTAINED THEREON. TEMPORARY SIGN OVERLAYS OR PLAQUES OF EQUIVALENT SHIELD DIMENSIONS AND

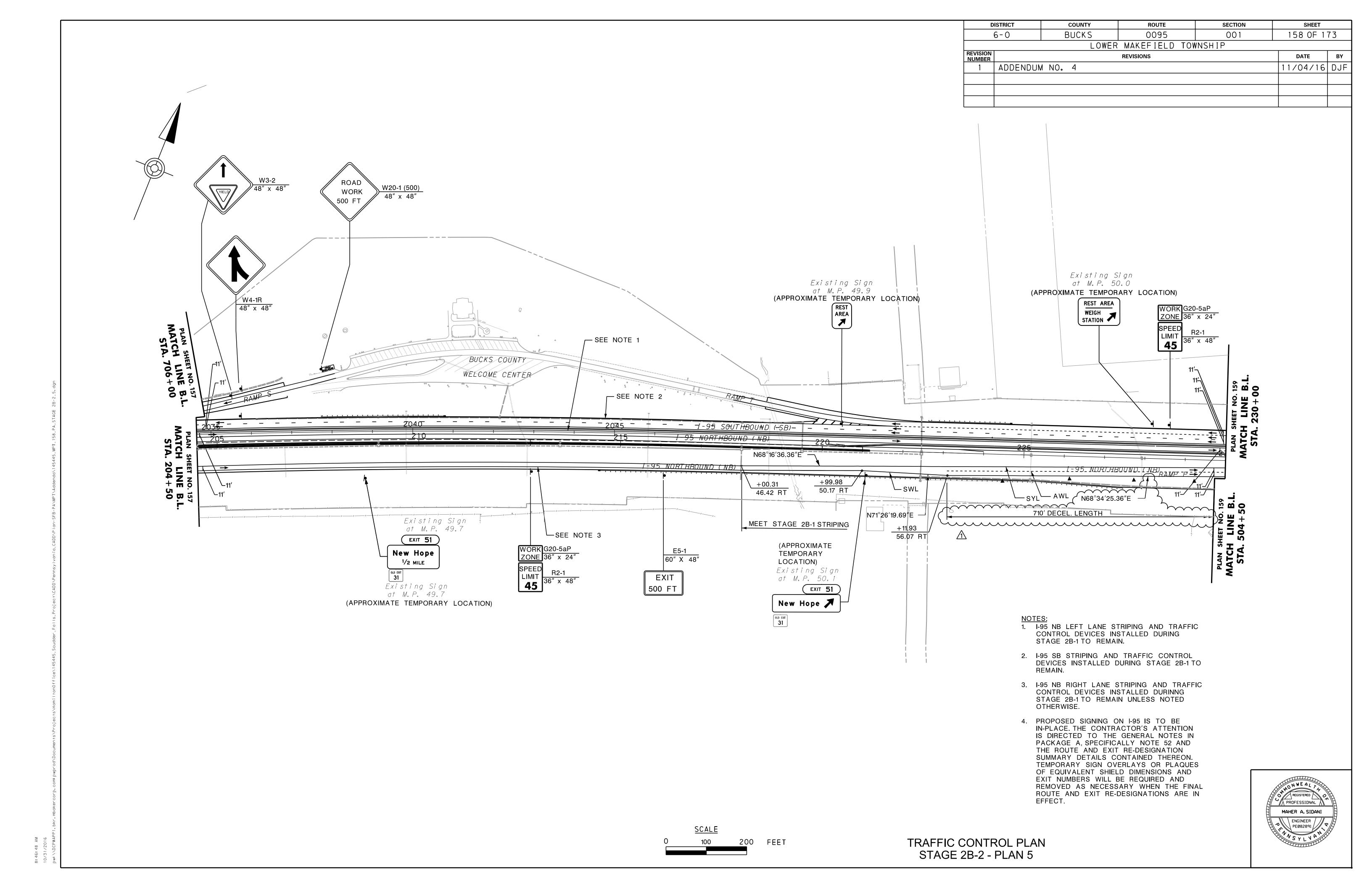
EXIT NUMBERS WILL BE REQUIRED AND

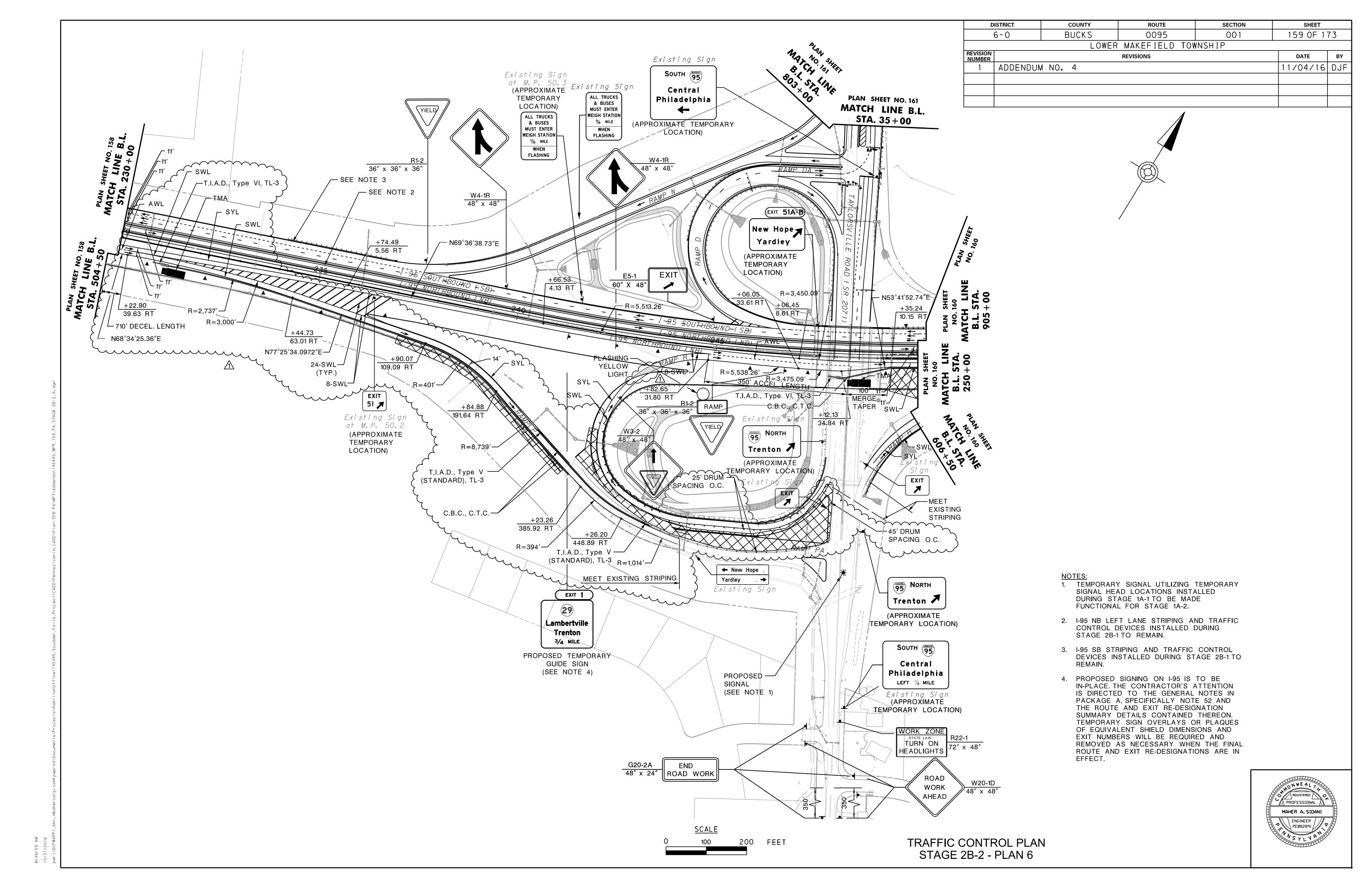
REMOVED AS NECESSARY WHEN THE FINAL

ROUTE AND EXIT RE-DESIGNATIONS ARE IN

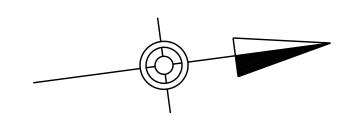
SEE DETAIL B ON THIS SHEET.

REMAIN FROM STAGE 2B-1.





D	ISTRICT	COUNTY	ROUTE SECTION		SHEET			
6-0 BUCKS		BUCKS 0095 001		164 OF 173				
		LOWER MAKEFIELD TOWNSHIP						
REVISION NUMBER			REVISIONS		DATE	ВҮ		
1	ADDENDUM	1 NO. 4			11/04/16	DJF		

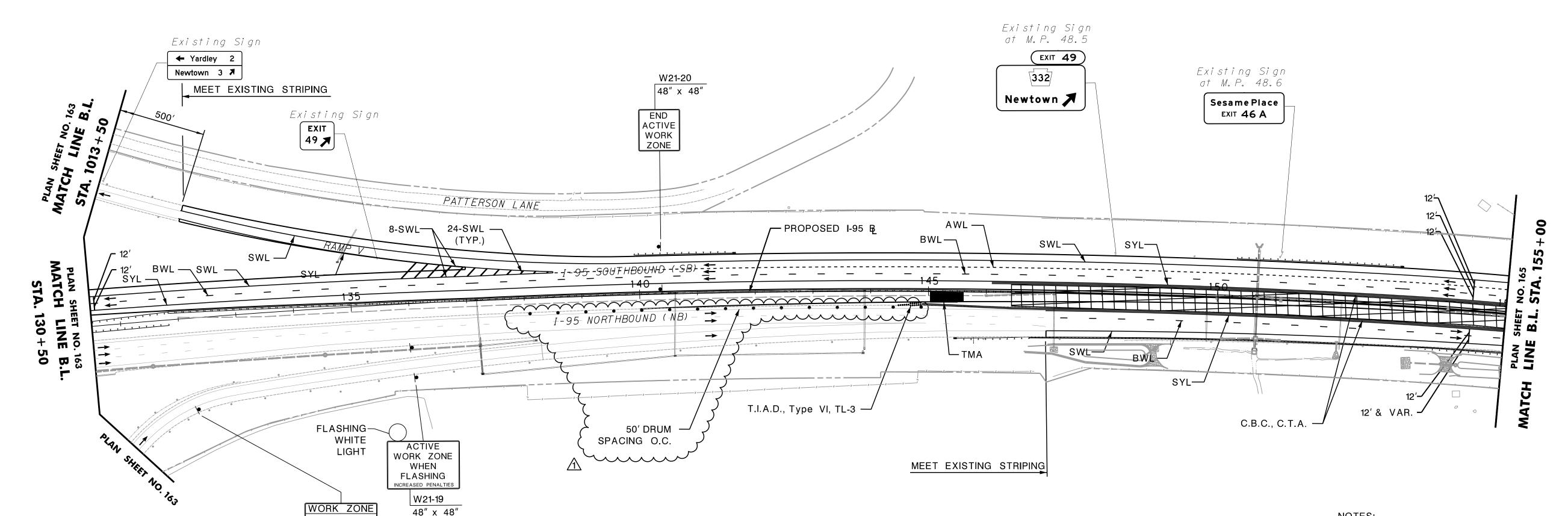


STATE LAW
TURN ON

HEADLIGHTS

R22-1

72" x 48"

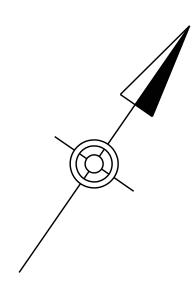


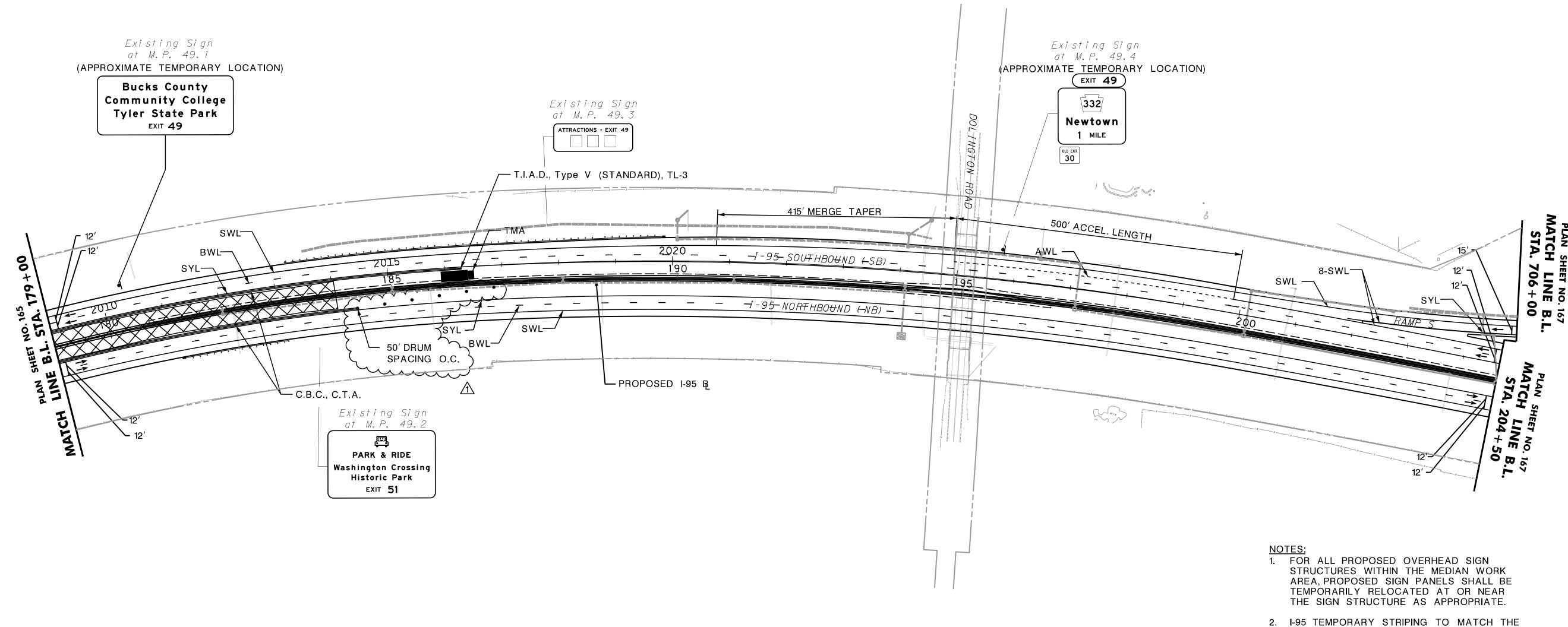
- 1. FOR ALL PROPOSED OVERHEAD SIGN STRUCTURES WITHIN THE MEDIAN WORK AREA, PROPOSED SIGN PANELS SHALL BE TEMPORARILY RELOCATED AT OR NEAR THE SIGN STRUCTURE AS APPROPRIATE.
- 2. I-95 TEMPORARY STRIPING TO MATCH THE PROPOSED STRIPING FROM THE SIGNING AND PAVEMENT MARKING PLANS (EXCEPT LEFT DASHED WHITE LINE IS TO BE SOLID YELLOW).
- 3. PROPOSED SIGNING ON I-95 IS TO BE IN-PLACE. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE GENERAL NOTES IN PACKAGE A, SPECIFICALLY NOTE 52 AND THE ROUTE AND EXIT RE-DESIGNATION SUMMARY DETAILS CONTAINED THEREON. TEMPORARY SIGN OVERLAYS OR PLAQUES OF EQUIVALENT SHIELD DIMENSIONS AND EXIT NUMBERS WILL BE REQUIRED AND REMOVED AS NECESSARY WHEN THE FINAL ROUTE AND EXIT RE-DESIGNATIONS ARE IN EFFECT.





D	DISTRICT COUNTY		ROUTE SECTION		SHEET		
	6-0 BUCKS		0095	001	166 OF 173		
	•	LOWER MAKEFIELD TOWNSHIP					
REVISION NUMBER				REVISIONS		DATE	ВҮ
1	ADDENDUM	I NO.	4			11/04/16	DJF



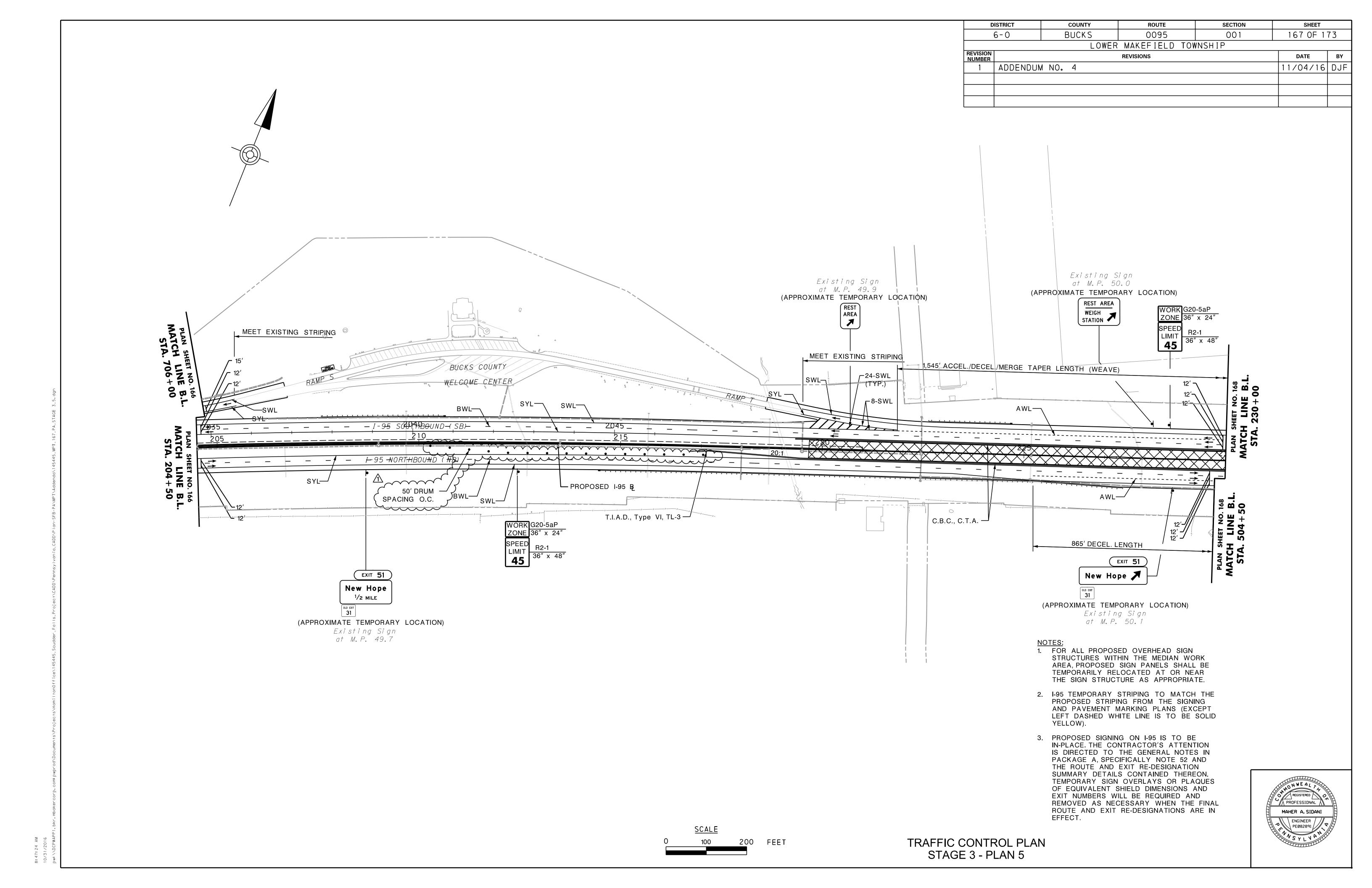


- I-95 TEMPORARY STRIPING TO MATCH THE PROPOSED STRIPING FROM THE SIGNING AND PAVEMENT MARKING PLANS (EXCEPT LEFT DASHED WHITE LINE IS TO BE SOLID YELLOW).
- 3. PROPOSED SIGNING ON I-95 IS TO BE IN-PLACE. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE GENERAL NOTES IN PACKAGE A, SPECIFICALLY NOTE 52 AND THE ROUTE AND EXIT RE-DESIGNATION SUMMARY DETAILS CONTAINED THEREON. TEMPORARY SIGN OVERLAYS OR PLAQUES OF EQUIVALENT SHIELD DIMENSIONS AND EXIT NUMBERS WILL BE REQUIRED AND REMOVED AS NECESSARY WHEN THE FINAL ROUTE AND EXIT RE-DESIGNATIONS ARE IN EFFECT.

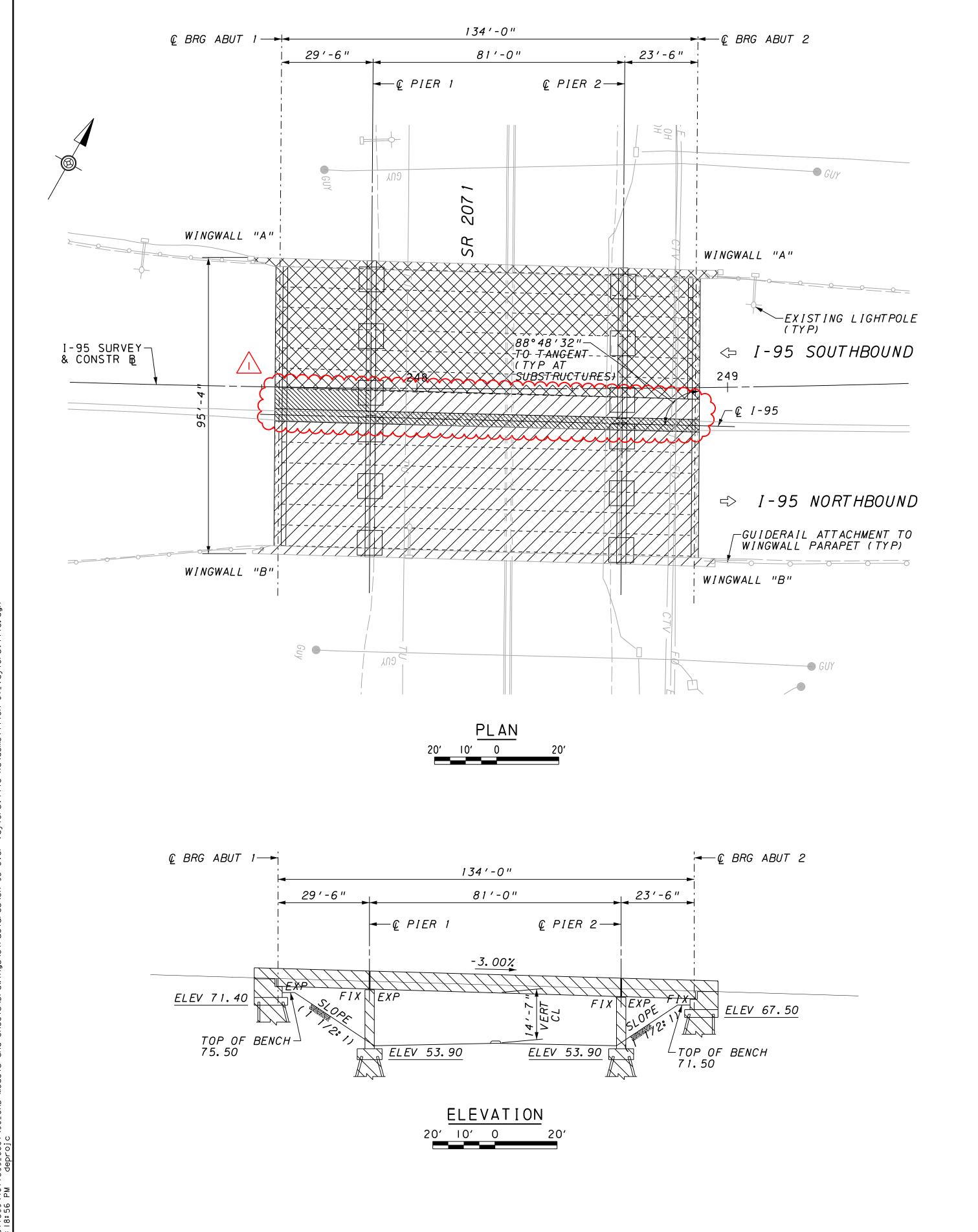


SCALE 100 200 FEET

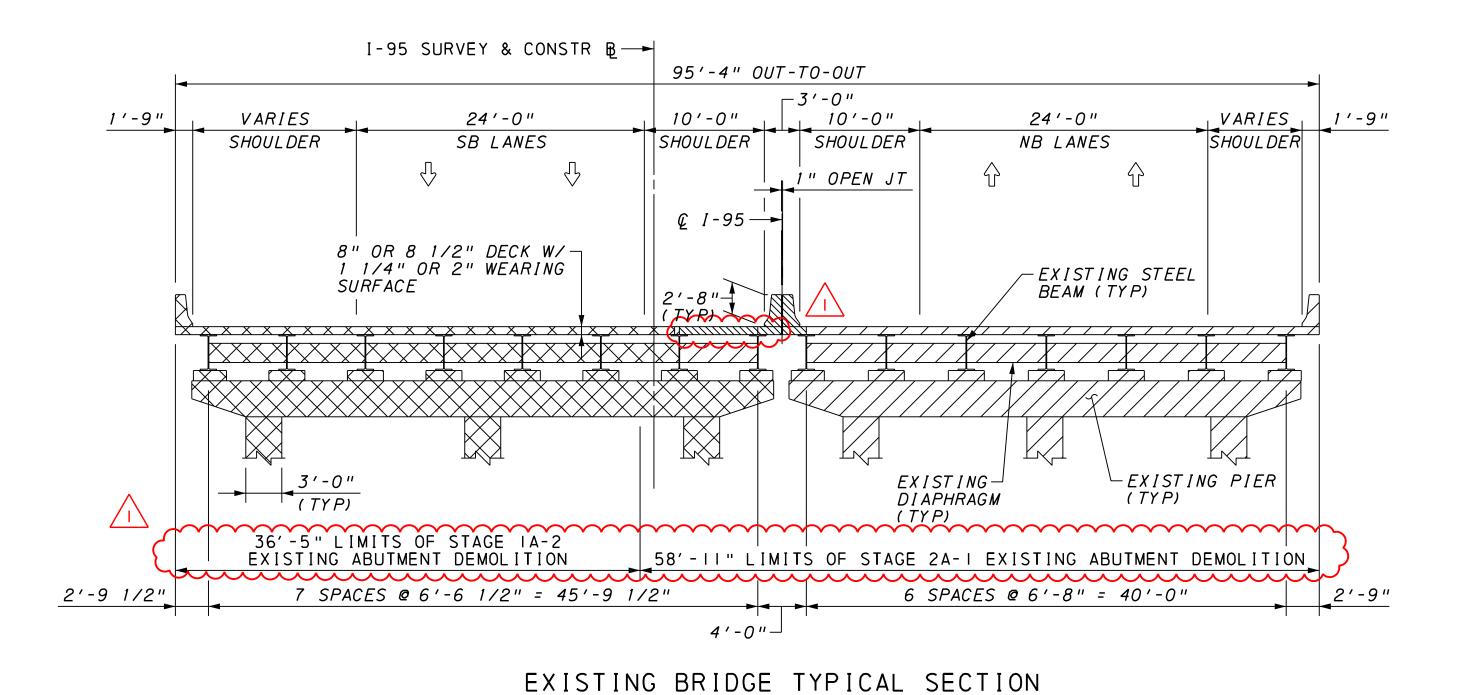
TRAFFIC CONTROL PLAN STAGE 3 - PLAN 4



CONTRACT NO. T-668A ADDENDUM NO. 4 PACKAGE A, PART 5 REVISED PLAN SHEETS



DESIGNED: CMA CADD: JCD CHECKED: GK



LEGEND STAGE IA-I DEMOLITION AND TEMPORARY SLAB PLACEMENT STAGE IA-2 DEMOLITION STAGE 2A-1 DEMOLITION LIMITS OF EXISTING SUPERSTRUCTURE, SUBSTRUCTURE & FOUNDATION REMOVAL (IN ANY STAGE)

<u>NOTES</u>

- I.FOR EXISTING STRUCTURE PLAN NOTES, OTHER GENERAL NOTES AND LIST OF ABBREVIATIONS, SEE SHEET NO'S 2 & 3.
- 2. FOR EXACT LIMITS OF SUPERSTRUCTURE & SUBSTRUCTURE REMOVAL, CONSTRUCTION STAGING PLANS & TYPICAL SECTIONS, SEE SHEET NO'S & THRU IO.

 3. FOR CONSTRUCTION STAGING, COORDINATE WITH CONSTRUCTION STAGING AND TRAFFIC CONTROL PLANS.

	ADDENDUM NO. 4	СМР	GK		11/4/16
Mark	Description	Ву	Chk'd.	Recm'd	Date
	REVISIONS				

COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

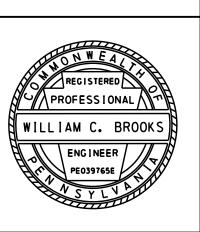
SCUDDER FALLS BRIDGE REPLACEMENT PROJECT CONTRACT T-668A

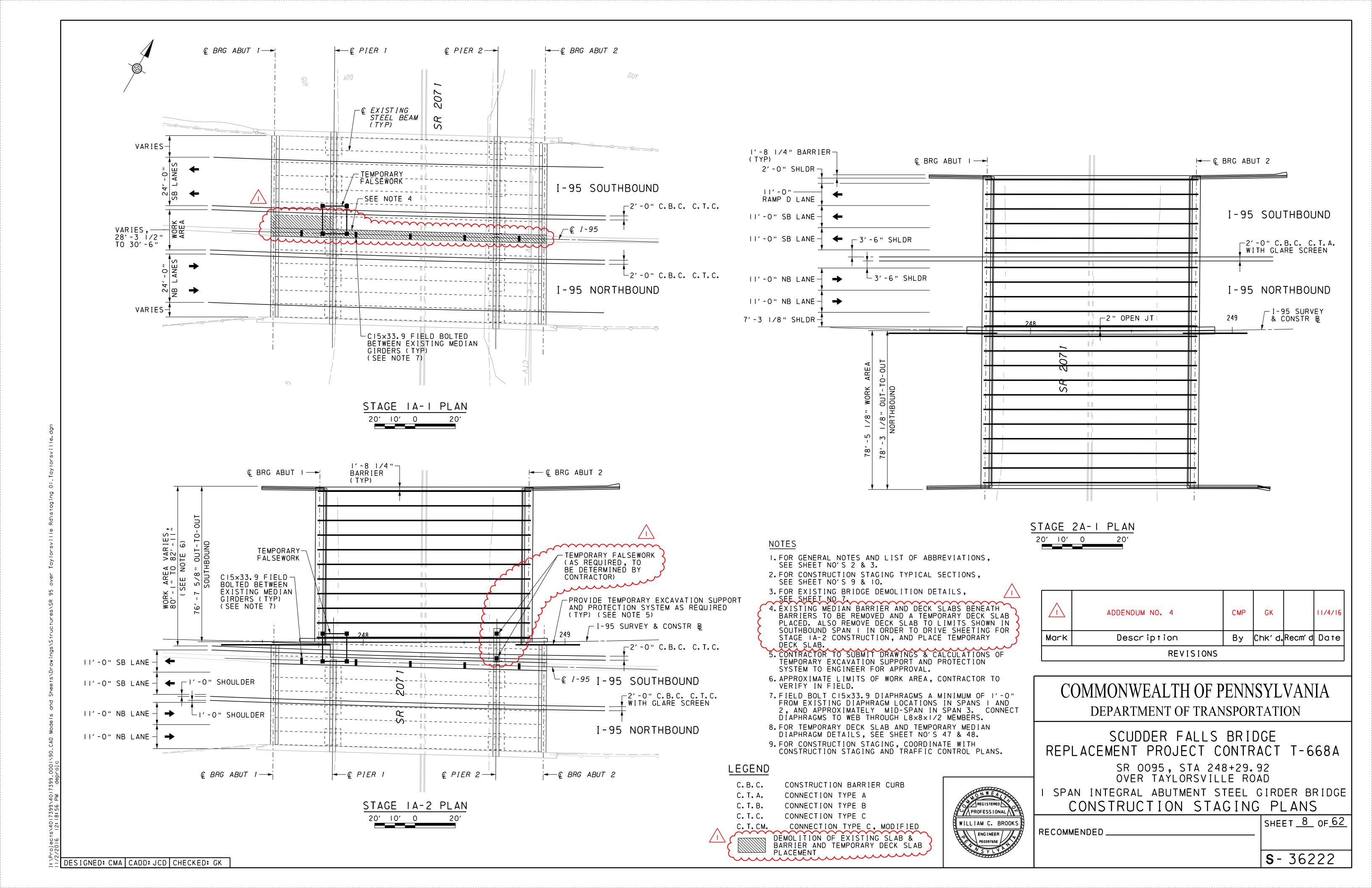
SR 0095, STA 248+29.92 OVER TAYLORSVILLE ROAD

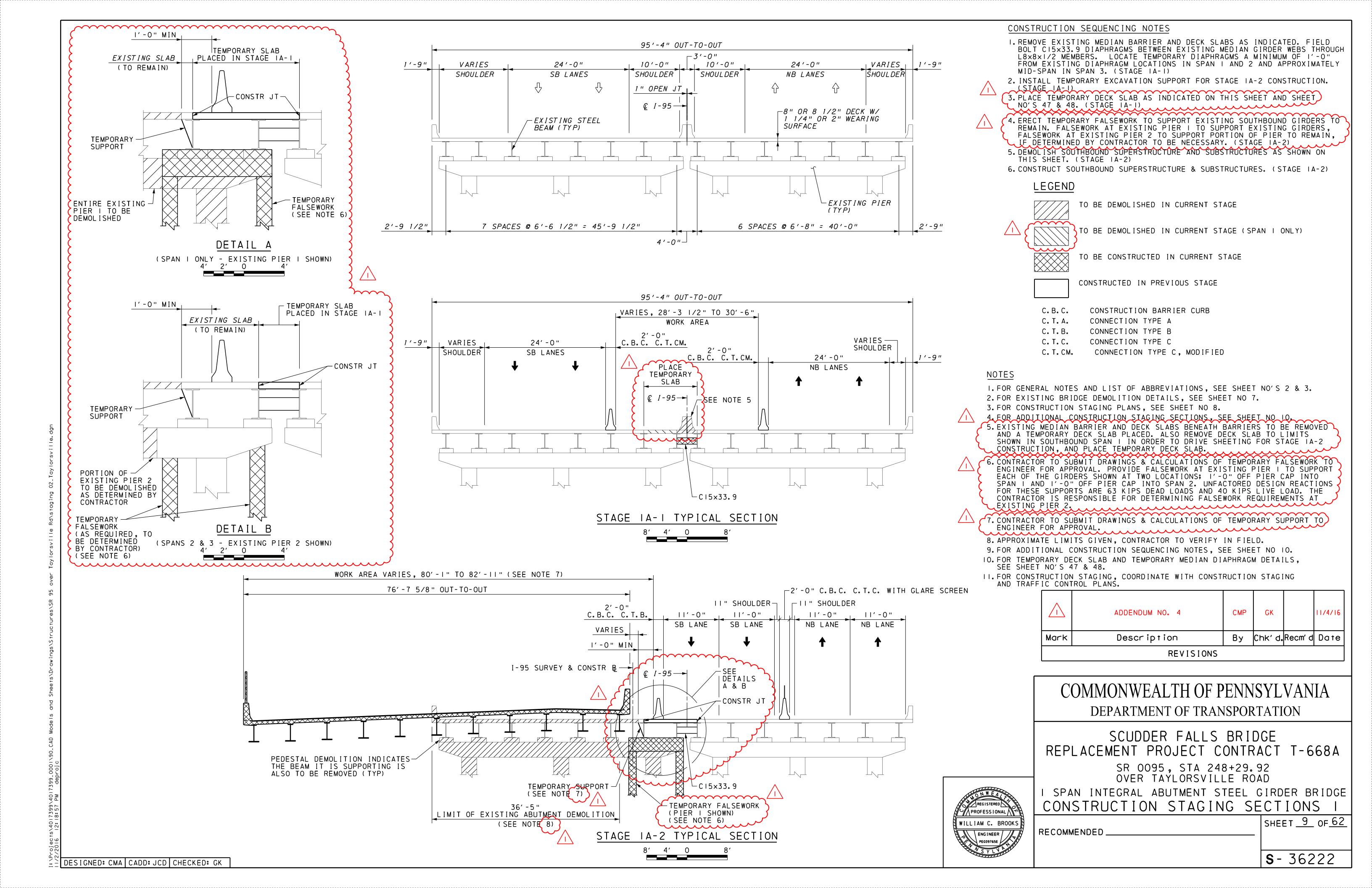
SPAN INTEGRAL ABUTMENT STEEL GIRDER BRIDGE DEMOLITION OF EXISTING BRIDGE

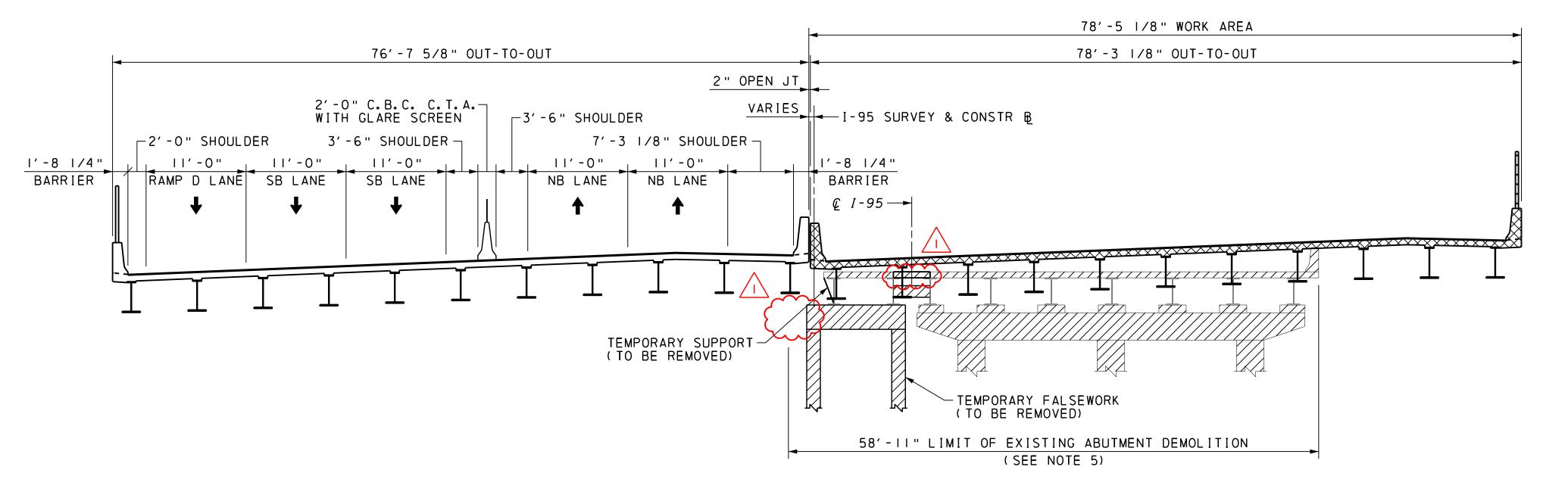
SHEET <u>7</u> OF <u>62</u> RECOMMENDED

s-36222



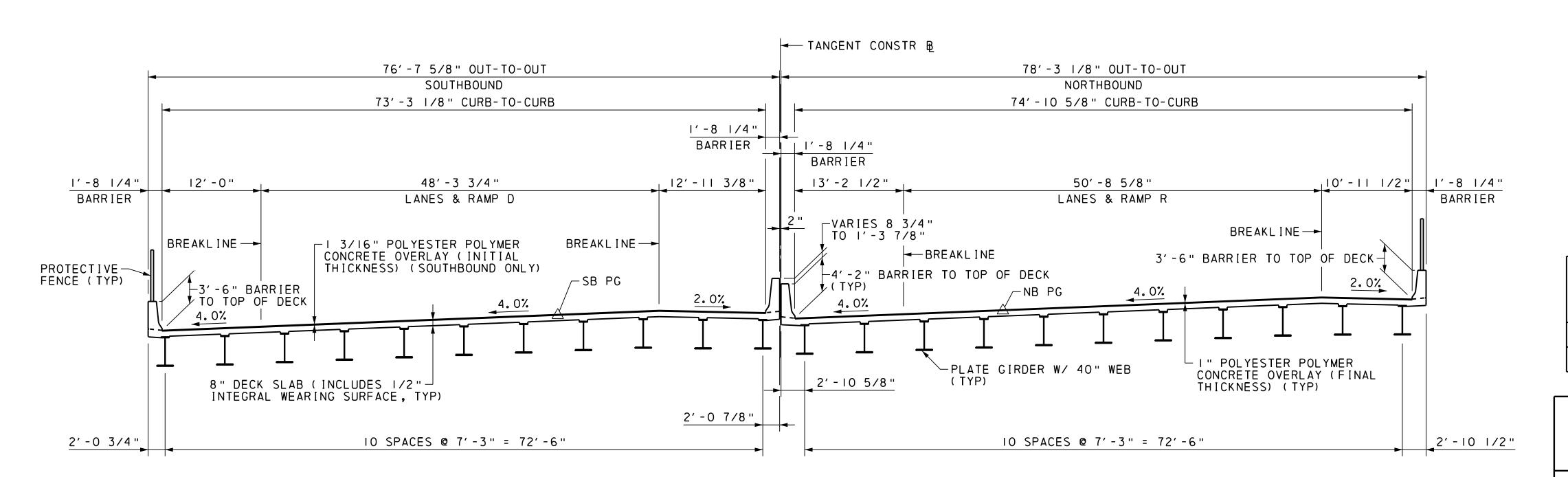






STAGE 2A-I TYPICAL SECTION

(EXISTING PIER 1 SHOWN, EXISTING PIER 2 SIMILAR)



PROPOSED BRIDGE TYPICAL SECTION



<u>NOTES</u>

- I. FOR GENERAL NOTES AND LIST OF ABBREVIATIONS, SEE SHEET NO'S 2 & 3.
- SEE SHEET NU S Z & J.
- 2. FOR EXISTING BRIDGE DEMOLITION DETAILS, SEE SHEET NO 7.
- 3. FOR CONSTRUCTION STAGING PLANS, SEE SHEET NO 8.
 4. FOR ADDITIONAL CONSTRUCTION STAGING SECTIONS, SEE SHEET NO 9.
- 5. LIMITS OF EXISTING ABUTMENT DEMOLITION IS APPROXIMATE, CONTRACTOR TO VERIFY IN FIELD.

PROFESSIONAL TO PROFESSIONAL T

CONSTRUCTION SEQUENCING NOTES (CONT'D)

(STAGE 2A-I)

6. REMOVE TEMPORARY FALSEWORK, TEMPORARY SUPPORT AND TEMPORARY DIAPHRAGMS. DEMOLISH REMAINDER OF EXISTING STRUCTURE, INCLUDING REMAINDER OF EXISTING PIER 2. (STAGE 2A-I)

7. CONSTRUCT NORTHBOUND SUPERSTRUCTURE & SUBSTRUCTURES.

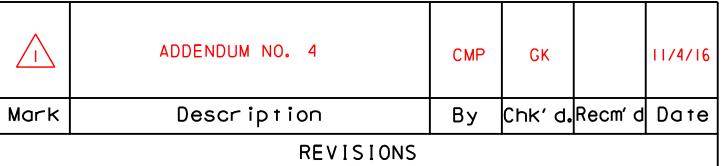
LEGEND

TO BE DEMOLISHED IN CURRENT STAGE

TO BE CONSTRUCTED IN CURRENT STAGE

CONSTRUCTED IN PREVIOUS STAGE

C.B.C. CONSTRUCTION BARRIER CURB
C.T.A. CONNECTION TYPE A



COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF TRANSPORTATION

SCUDDER FALLS BRIDGE REPLACEMENT PROJECT CONTRACT T-668A

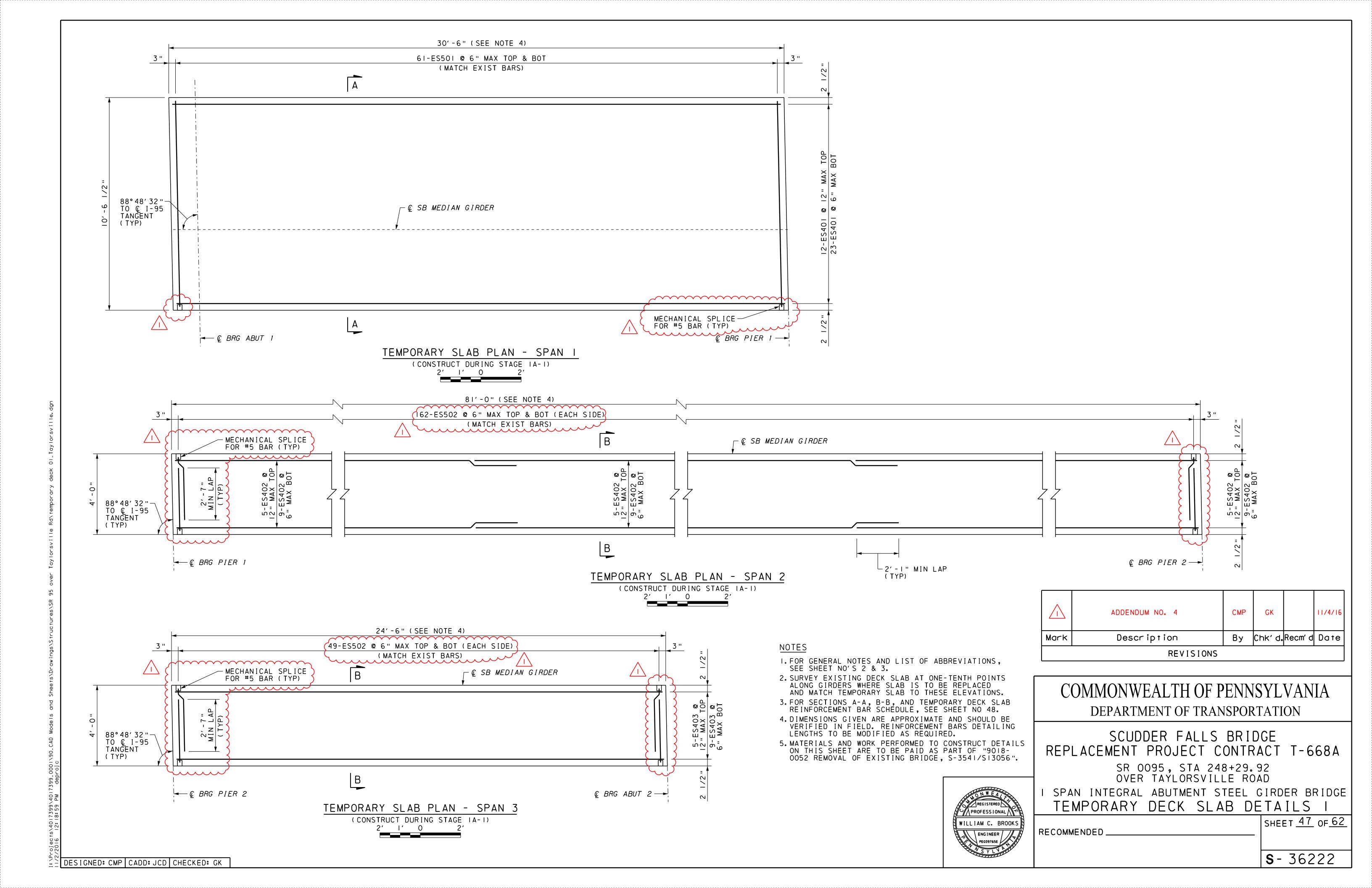
SR 0095, STA 248+29.92 OVER TAYLORSVILLE ROAD

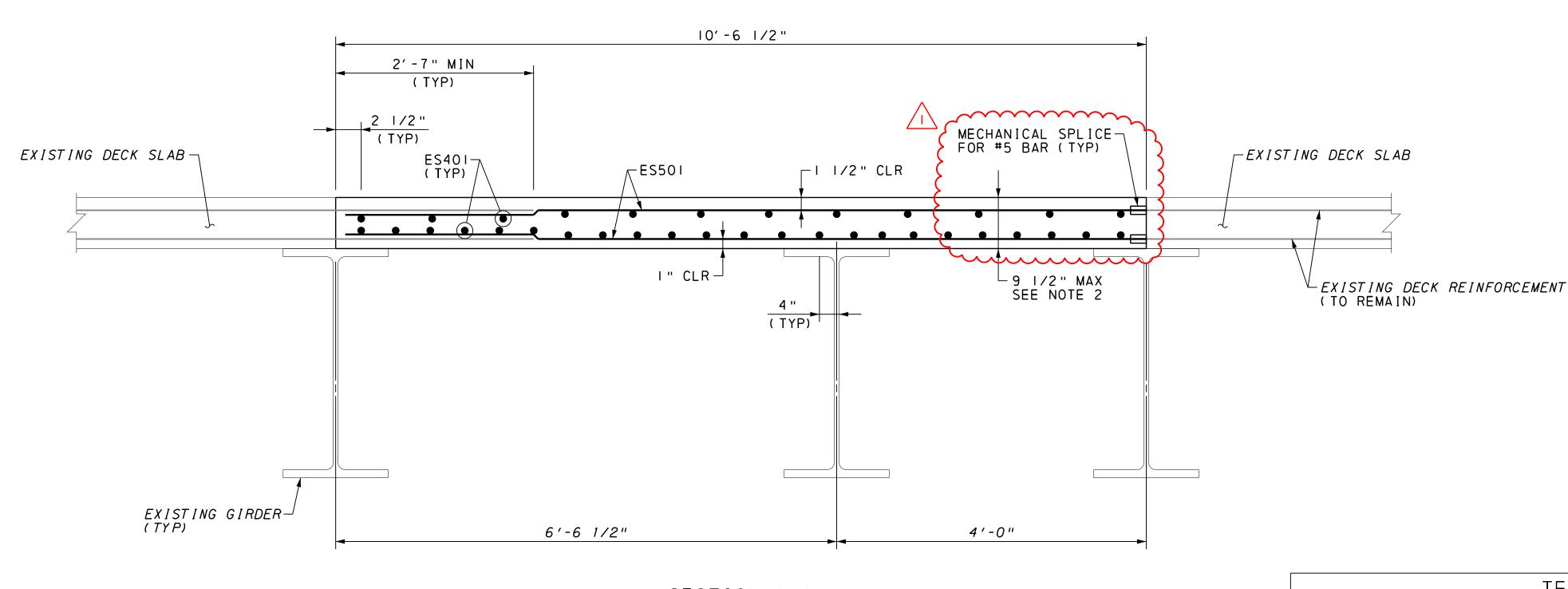
I SPAN INTEGRAL ABUTMENT STEEL GIRDER BRIDGE CONSTRUCTION STAGING SECTIONS 2

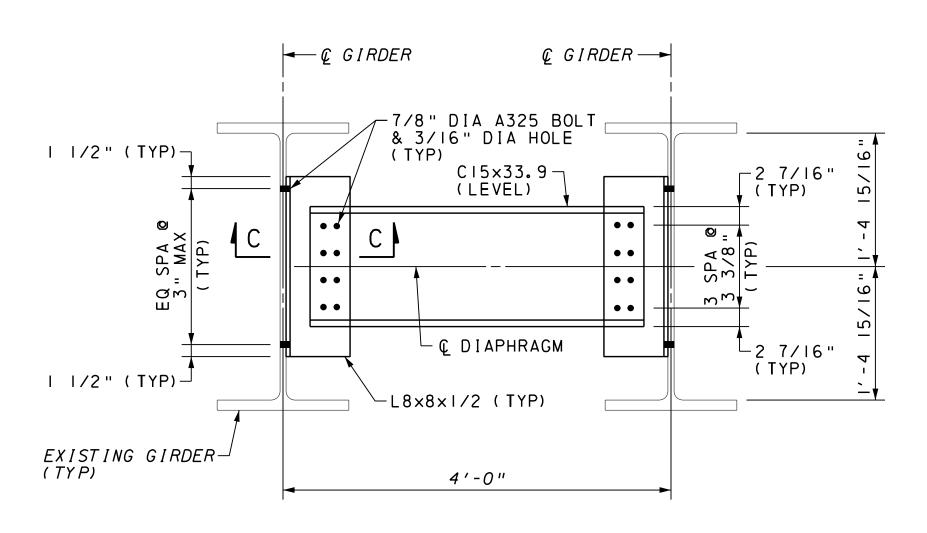
RECOMMENDED	SHEET 10 OF 62

s- 36222

DESIGNED: CMA CADD: JCD CHECKED: GK

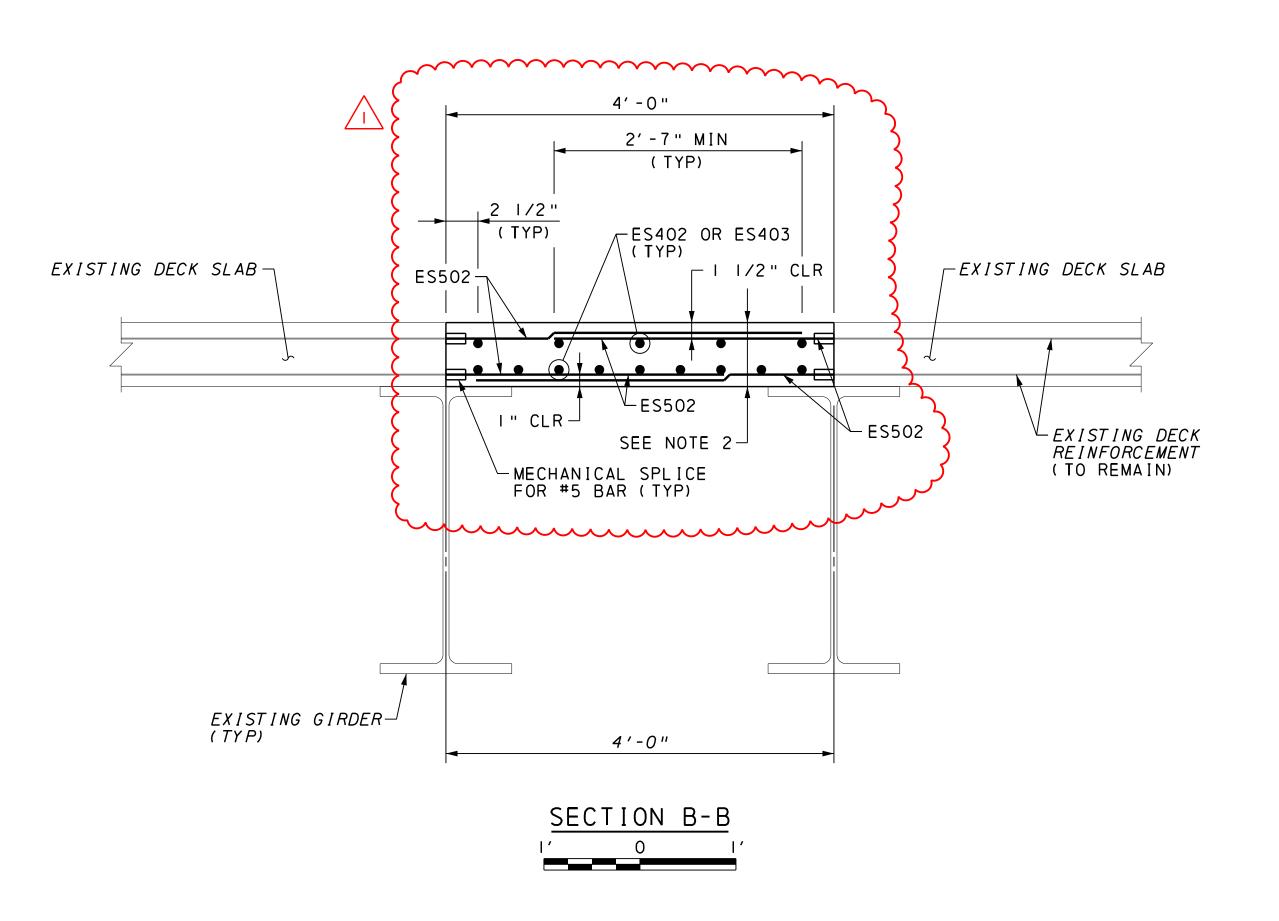




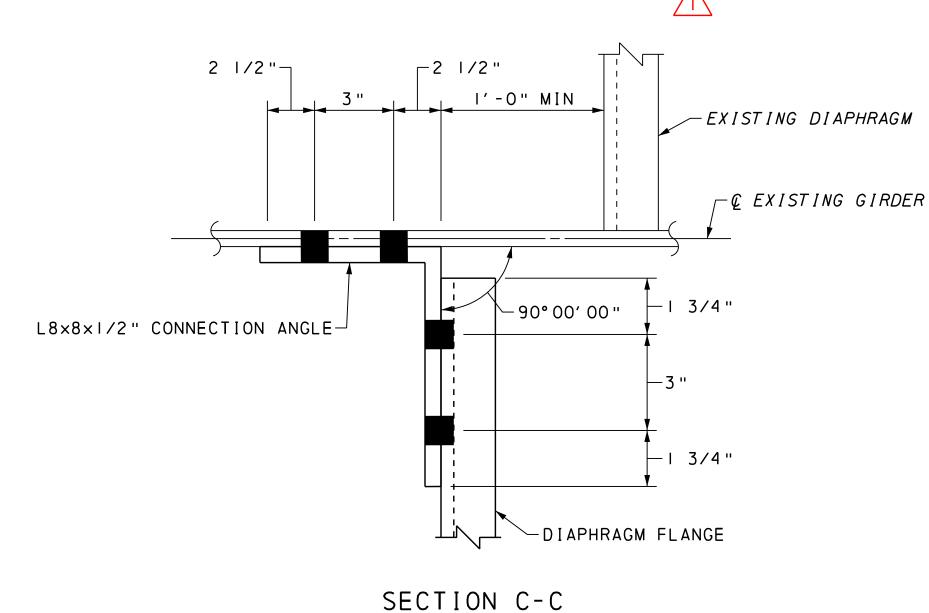


TEMPORARY MEDIAN DIAPHRAGM DETAILS

SECTION A-A



			TEMPOR	ARY DEC	K SLAB	REINFO	RCEMENT	BAR SC	CHEDULE	
MARK	SIZE	TYPE	LENGTH	NUMBER	А	В	С	D	E	REMARKS
ES401	4	STR	30′ - 3 "	35						
ES402	4	STR	28′ - 3 3/4"	42						
ES403	4	STR	24′ - 3 "	14						
ES501	5	STR	10' -3 1/2"	122					کم	MECHANICAL SPLICE
ES502	5	STR	3′ -9 "	(844)					(MECHANICAL SPLICE
	•					•	•	•	^	



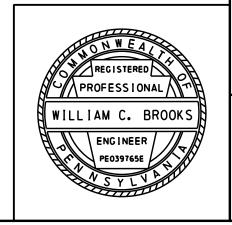
NOT TO SCALE

I. FOR GENERAL NOTES AND LIST OF ABBREVIATIONS,

NOTES

- SEE SHEET NO'S 2 & 3.

 2. CONTRACTOR IS TO MATCH EXISTING SLAB THICKNESS AT LOCATION OF TEMPORARY DECK, OR PROVIDE SLAB THICKNESS SUCH THAT EXISTING DECK ELEVATIONS ARE MET.
- 3. FOR LOCATION OF SECTIONS A-A AND B-B, SEE SHEET NO 47.
 4. "E" PREFIX IN BAR MARKS INDICATE EPOXY-COATED BARS.
- 5. MATERIALS AND WORK PERFORMED TO CONSTRUCT DETAILS ON THIS SHEET ARE TO BE PAID AS PART OF "9018-0052 REMOVAL OF EXISTING BRIDGE, S-3541/S13056".



\triangle	ADDENDUM NO. 4	CMP	GK		11/4/16
Mark	Description	Ву	Chk' d.	Recm'd	Date
	REVISIONS				

COMMONWEALTH OF PENNSYLVANIA

s-36222

DEPARTMENT OF TRANSPORTATION

SCUDDER FALLS BRIDGE REPLACEMENT PROJECT CONTRACT T-668A

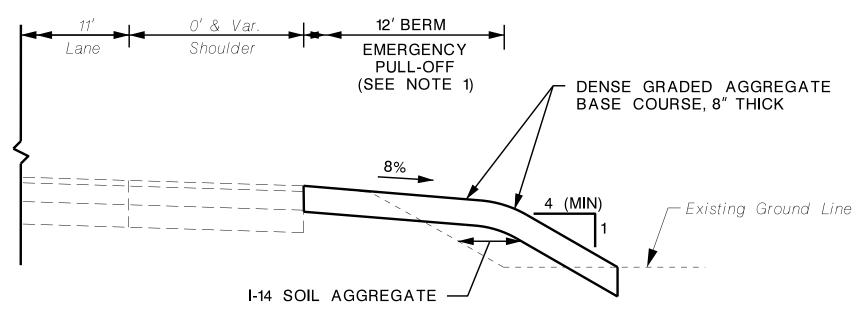
SR 0095, STA 248+29.92 OVER TAYLORSVILLE ROAD

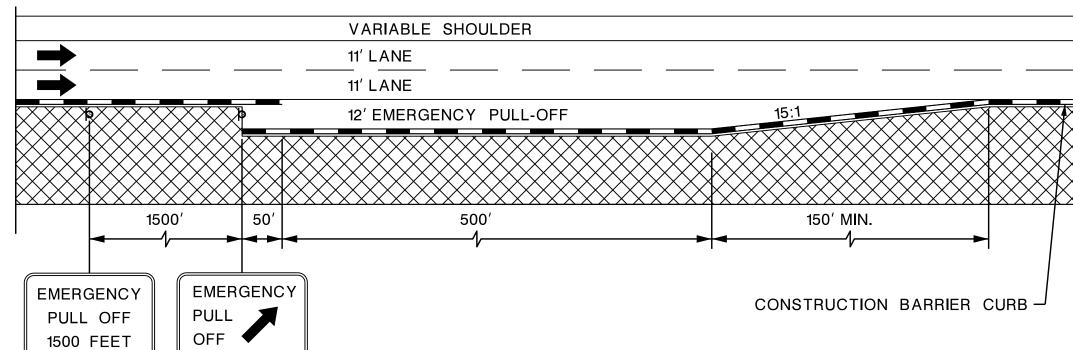
SPAN INTEGRAL ABUTMENT STEEL GIRDER BRIDGE TEMPORARY DECK SLAB DETAILS 2

RECOMMENDED ______SHEET 48 OF 62

DESIGNED: CMP CADD: JCD CHECKED: GK

CONTRACT NO. T-668A ADDENDUM NO. 4 PACKAGE B, PART 2 REVISED PLAN SHEETS





EMERGENCY PULL OFF AREA (C.B.C.) TYPICAL SECTION - I-95 MAINLINE

N.T.S.

EMERGENCY PULL OFF AREA (BERM AREA) TYPICAL SECTION - I-95 MAINLINE

N.T.S.

<u>NOTES:</u>

- 1. PROVIDE EMERGENCY PULL-OFF ACCESS POINTS AT INTERVALS OF NO MORE THAN 1#2 MILE IN DISTANCE FROM THE PREVIOUS EMERGENCY PULL-OFF OR EXIT RAMP IN ACCORDANCE WITH THE DETAILS SHOWN.
- 2. SUBMIT PROPOSED EMERGENCY PULL-OFF ACCESS POINTS DURING ALL STAGES FOR APPROVAL. THE PLACEMENT OF THESE POINTS SHALL SATISFY A MINIMUM OF 500' SIGHT DISTANCE BASED ON THE DESIGN SPEED.
- 3. EMERGENCY PULL-OFF AREAS WITHIN BERM AREA TO BE PLACED AT DESIGNATED LOCATIONS, AS SHOWN BELOW. EMERGENCY PULL-OFFS TO BE A MINIMUM OF 500 FT. IN LENGTH WITH A TAPER AS SHOWN. CONTRACTOR TO INSTALL ADVANCED SIGNAGE AS INDICATED ON THE EMERGENCY PULL-OFF (C.B.C.) DETAIL. THE STATIONS LISTED BELOW ARE THE BEGINNING OF THE EMERGENCY PULL-OFF IN THE DIRECTION OF TRAVEL.
- 4. CONTRACTOR MAY TRANSITION I-95 NB TRAFFIC TO PROVIDE SUFFICIENT SPACE TO ACCOMMODATE AN EMERGENCY PULL-OFF FOR THE I-95 SB TRAFFIC ON THE LEFT SIDE AS APPROVED BY THE ENGINEER.

STAGE 1A-1: NB: N/A

SB: N/A

STAGE 1A-2

NB: I-95 309+25 (RIGHT SIDE)

SB: I-95 316+50 (LEFT SIDE, MEDIAN)

STAGE 1A-3:

NB: LOCATIONS REMAIN FROM STAGE 1A-2 (RIGHT SIDE)

SB: LOCATIONS REMAIN FROM STAGE 1A-2 (LEFT SIDE, MEDIAN)

STAGE 1A-4:

NB: LOCATIONS REMAIN FROM STAGE 1A-2 (RIGHT SIDE)
SB: LOCATIONS REMAIN FROM STAGE 1A-2 (LEFT SIDE, MEDIAN)

STAGE 1A-5:

NB: LOCATIONS REMAIN FROM STAGE 1A-2 (RIGHT SIDE)

SB: N/A STAGE 2A-1:

NB ON SB ROADWAY: I-95 307+50 (LEFT SIDE, MEDIAN)

SB: I-95 312+00 (RIGHT SIDE)

STAGE 2B-1:

NB ON SB ROADWAY: LOCATIONS REMAIN FROM STAGE 2A-1 (LEFT SIDE, MEDIAN)

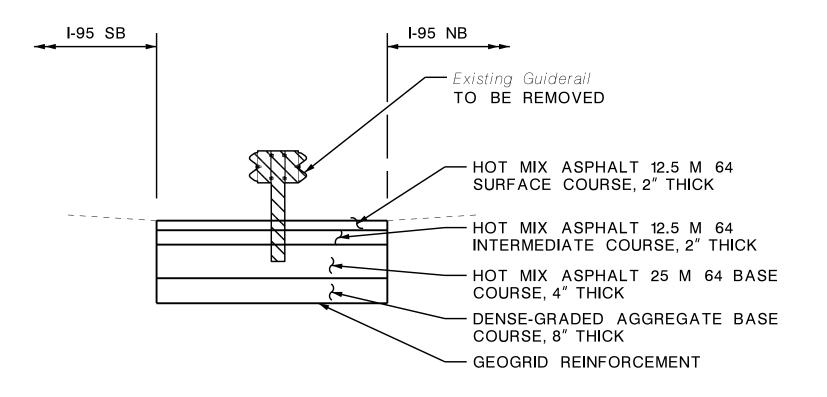
SB: LOCATIONS REMAIN FROM STAGE 2A-1 (RIGHT SIDE)

STAGE 2B-2: NB: N/A

SB: LOCATIONS REMAIN FROM STAGE 2A-1 (RIGHT SIDE)

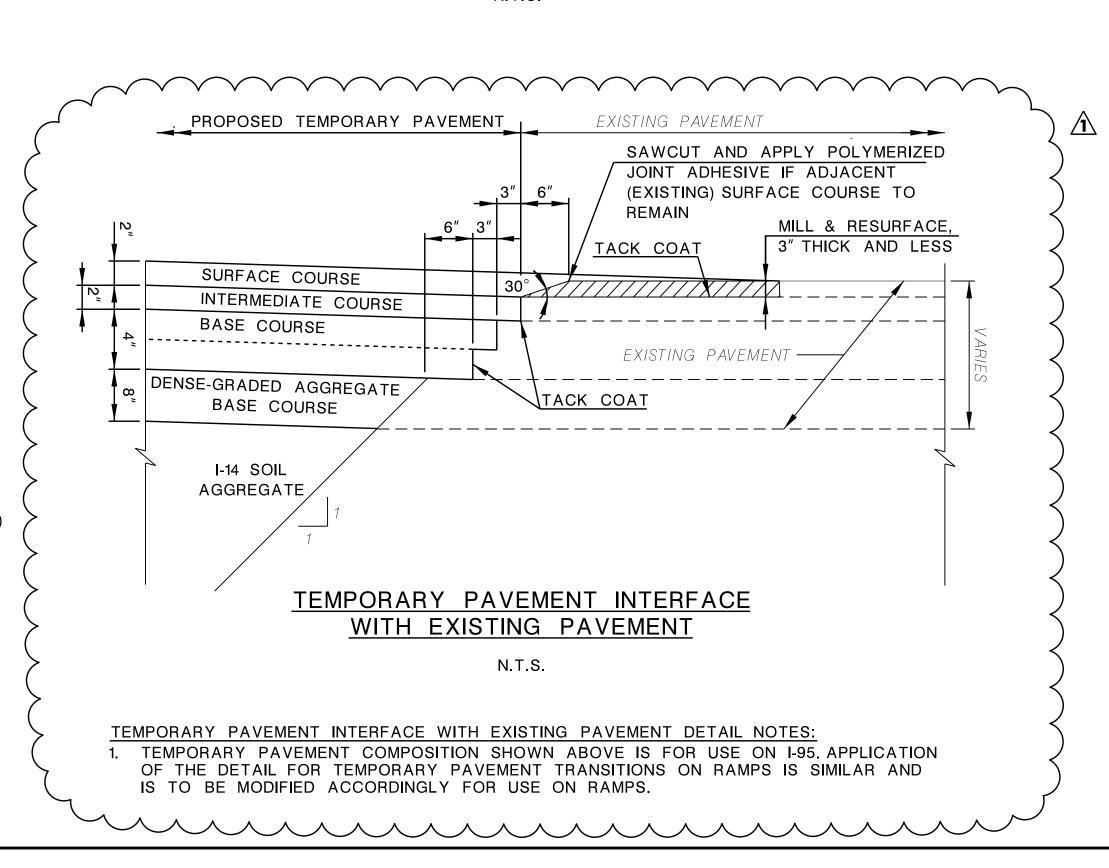
STAGE 3: NB: N/A

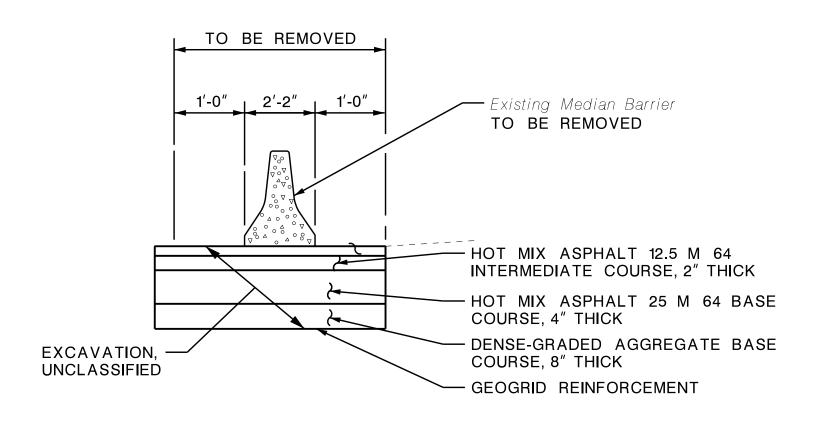
SB: LOCATIONS REMAIN FROM STAGE 2A-1 (RIGHT SIDE)



NJ MEDIAN GUIDERAIL REMOVAL DETAIL

N.T.S.



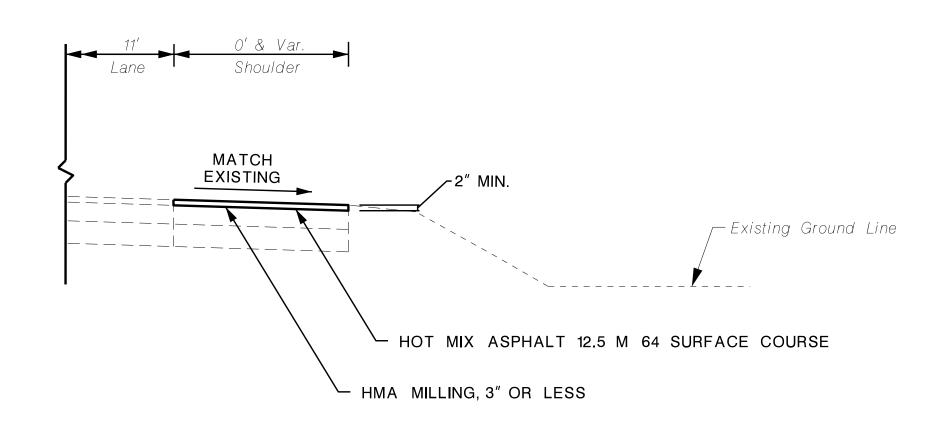


MEDIAN BARRIER REMOVAL DETAIL

N.T.S.

MEDIAN BARRIER REMOVAL DETAIL NOTES:

 MEDIAN BARRIER REMOVAL DETAIL APPLICABLE FOR MEDIAN BARRIER ON ROADWAY ONLY.



RIGHT SHOULDER RESURFACING DETAIL N.T.S.

MEDIAN REMOVAL AND EMERGENCY PULL-OFF DETAILS

DELAWARE RIVER JOINT TOLL BRIDGE COMMISSION

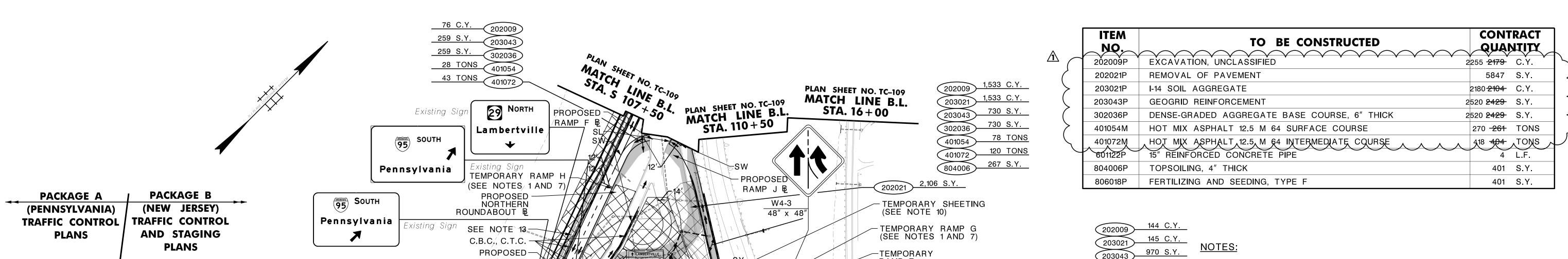
TRAFFIC CONTROL AND
STAGING PLAN
SCUDDER FALLS BRIDGE REPLACEMENT PROJECT
CONTRACT NO. T-668A

MICHAEL BAKER INTERNATIONAL, INC.

CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

ADDENDUM NO (44/0.4/40	MAHER A. SIDANI
ADDENDUM NO. 4	DJF		11/04/16	NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 3778
REVISION	BY	C'K'D	DATE	





√R=2,811′

2,106 S.Y.

G20-2A

48" x 24"

END

ROAD WORK

TEMPORARY

(SEE NOTES 1 AND 7)

PROPOSED ROUTE 29 NB &

RAMP C

502 426 C.Y. 502 426 C.Y.

202009

203021

203043

302036

401054

804006

RAMP H B

(TYP.) 73.03 RT Existing Sign

-R=3,039'

CUSHION, COMPRESSIVE

TEMPORARY RAMP A

(SEE NOTES 1 AND 7)

RAMP A B

TEMPORARY CRASH -

BARRIER, TYPE 4,

WIDTH NARROW

TEMPORARY CRASH CUSHION, COMPRESSIVE BARRIER, TYPE 2, MIDTH NARROW

C.B.C., C.T.C.

'- R=3,065'at M.P. 0.1,

C.B.C., C.T.C.

RAMP C B

202021

EXITS 51 B-A

SW-/

-PROPOSED

RAMP AA BA

3,408 S.Y.

WIDTH NARROW

TEMPORARY CRASH CUSHION, COMPRESSIVE BARRIER, TYPE 2,

36"x36"x36

42.68 R

LIMIT OF EXISTING MEDIAN

NewJersey

North To

Trenton 🖍

Lambertville

Existing Sign

SOUTHERN

at M.P, 0.1

ROUNDABOUT B

PROPOSED

RAMP B B

RAMP D B PROPOSED -

EXIT

Existing Sigr

at M.P.0.1

Existing Sigr

at M.P. 0.1

PROPOSED-RAMP H B

PROPOSED

BARRIER REMOVAL

(SEE NOTE 4)

STA. NO. 277+80 +59.24

MATCH LINE B.L.

STA. 28+50

PLAN SHEET NO. TC-108

RAMP E

(SEE NOTE 1)

(SEE NOTE 10)

Princeton →

Existing Sign \ NARROW

-PROPOSED ROUTE 175 🛭

ROAD

WORK

AHEAD

48" x 48"

- C.B.C., C.T.C. (SEE NOTE 2)

· C.B.C., C.T.A.

+17.15

4.07 LT

— С.В.С., С.Т.С.М.

LSY LSW

- PROPOSEØ

RAMP M B

TEMPORARY CRASH

CUSHION, COMPRESSIVE

BARRIER, TYPE 2, WIDTH

- CAP INV 91.33 (OUT-S-B2) CAP INV 91.58 (OUT-CANAL)

-\$27°45′55.4**¾**″W 15.65 LT

TEMPORARY SHEETING

– INV 95.10 (OUT)

SEE NOTE 8

- TEMPORARY PAVEMENT CONSTRUCTED DURING STAGE 1A-1.
- CONSTRUCTION BARRIER CURB IS TO BE TAPERED BEHIND EXISTING GUIDE RAIL.

104 TONS

163 TONS

- S32°51′37.13″W

401054

401072

– S26°14′2.79″W

- C.B.C., C.T.C.

SHEETING

TEMPORARY

(SEE NOTE 10)

601122)—

TEMPORARY RAMP C

(SEE NOTES 1 AND 7)

SEE NOTE 8

+80.41

59.06 LT

PROPOSED I-95 程-

-R=2,058.38

RAMP G B

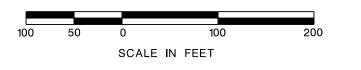
PROPOSED SIGNAGE FOR SOUTHERN ROUNDABOUT IS TO BE IN PLACE. THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE GENERAL NOTES IN PACKAGE B, SPECIFICALLY NOTE 56 AND THE ROUTE AND EXIT RE-DESIGNATION SUMMARY DETAILS CONTAINED THEREON.

TEMPORARY SIGN OVERLAYS OR PLAQUES OF EQUIVALENT SHIELD DIMENSIONS THAT CORRESPOND TO THE APPROPRIATE ROUTE DESIGNATIONS AND EXIT NUMBERS WILL BE REQUIRED AND REMOVED AS NECESSARY WHEN THE FINAL ROUTE AND EXIT RE-DESIGNATIONS ARE IN EFFECT

- MEDIAN BARRIER REMOVED DURING STAGE 1A-1 UTILIZING SHORT TERM CLOSINGS.
- RIGHT SHOULDER RESURFACED PRIOR TO TRANSITIONING NORTHBOUND TRAFFIC ONTO THE SHOULDER.
- CONSTRUCTION BARRIER CURB IS TO BE TAPERED BEHIND PARAPET.
- FOR TEMPORARY RAMPS A, C, G, AND H ALIGNMENTS, SEE "TEMPORARY RAMP A ALIGNMENT FOR STAGE 1A-2" SHEET, "TEMPORARY RAMP C ALIGNMENT FOR STAGE 1A-2" SHEET AND "TEMPORARY RAMPS G AND H ALIGNMENTS" SHEET
- FLAT GRATES TO BE INSTALLED DURING TEMPORARY CONDITIONS TO MAINTAIN TRAFFIC ON THE EXISTING ROADWAY UNTIL PROPOSED CURB AND MEDIAN ARE CONSTRUCTED. GRATES WILL BE REPLACED WITH CURB PIECES DURING STAGE 3.
- FOR TEMPORARY SHEETING ALIGNMENT DATA AND STAGING SUMMARY SEE SEQUENCE NOTES SHEETS IN THE GENERAL PACKAGE.
- 10. TEMPORARY SHEETING INSTALLED DURING STAGE 1A-1 TO REMAIN.
- CONTRACTOR IS TO LOCATE AND MAINTAIN EXISTING PIPES PRIOR TO INSTALLING TEMPORARY SHEETING.
- 12. EXISTING "YIELD" AND "TO LEFT" SIGNS IS TO BE RELOCATED FOR RAMP H AS SHOWN.
 - PROPOSED PIPES WITH END SECTIONS DISCHARGING TO PROPOSED INFIELD AREAS, IN THE LOCATION OF EXISTING ROADWAYS, SHALL BE CUT AND EXTENDED USING HDPE PIPE UNTIL COMPLETION OF THE BASIN IN STAGE 1A-3.
 - ALTHOUGH THE CONSTRUCTION OF THE PEDESTRIAN PATH CONNECTION TO THE DELWARE & RARITAN CANAL TOWPATH IS SHOWN HERE, ITS COMPLETION IS NOT REQUIRED UNTIL THE COMPLETION OF THE CONTRACT.

MICHAEL BAKER INTERNATIONAL, INC.

STAGE 1A-2



DELAWARE RIVER JOINT TOLL BRIDGE COMMISSION

TRAFFIC CONTROL AND STAGING PLAN SCUDDER FALLS BRIDGE REPLACEMENT PROJECT

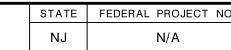
CONTRACT NO. T-668A

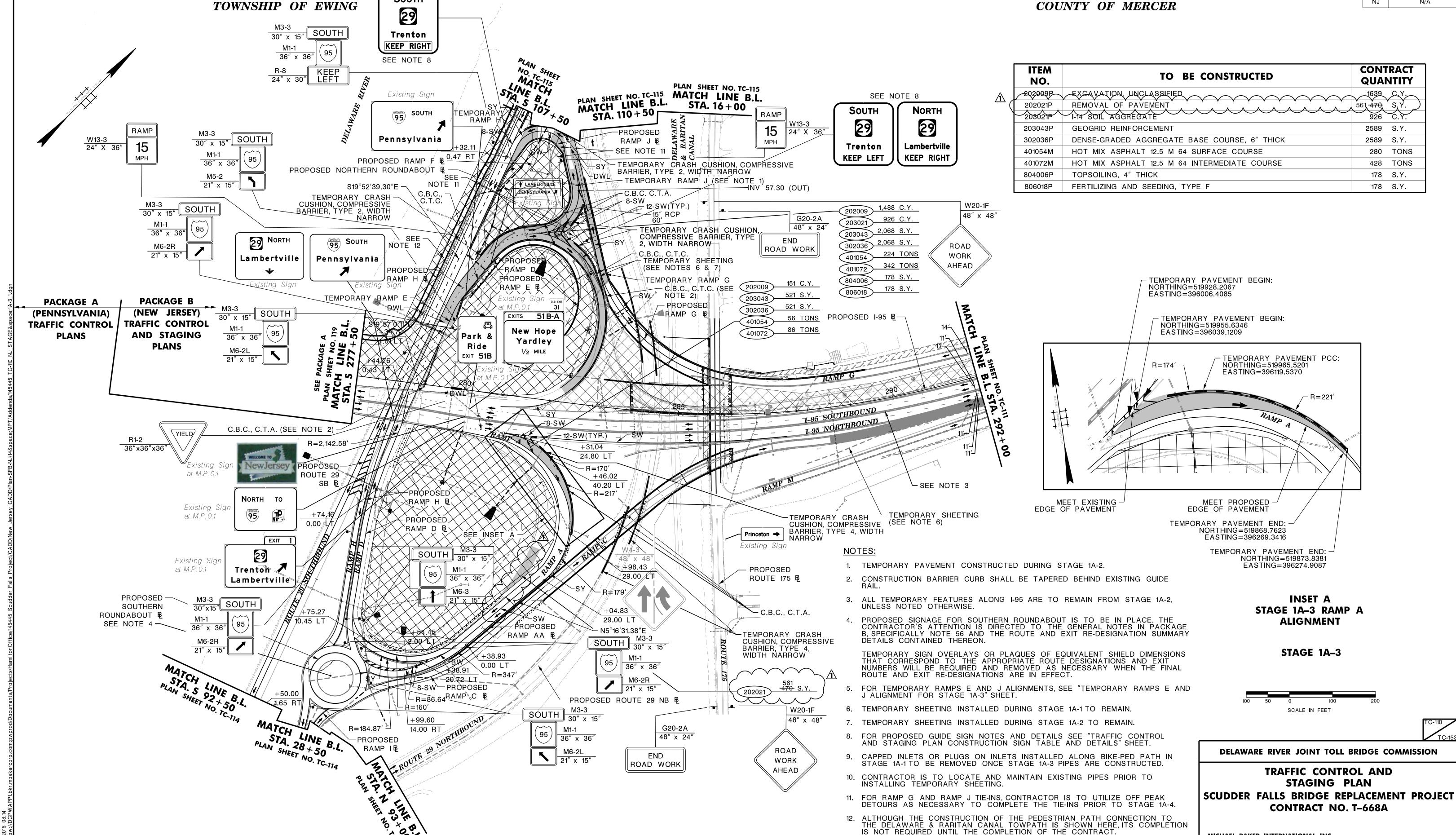
CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

MAHER A. SIDANI ADDENDUM NO. 4 11/04/16 NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 37787 BY C'K'D DATE **REVISION**



STATE | FEDERAL PROJECT NO





South

328 1020

MICHAEL BAKER INTERNATIONAL, INC.

MAHER A. SIDANI

11/04/16

BY C'K'D DATE

ADDENDUM NO. 4

REVISION

CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 37787

267 S.Y.

CERTIFICATION OF AUTHORIZATION NO. 24GA27954700

NEW JERSEY PROFESSIONAL ENGINEER LICENSE NO. 37787

MAHER A. SIDANI

11/04/16

BY C'K'D DATE

ADDENDUM NO. 4

REVISION

347

1020

