

02-28-14 LETTING ITEM 037

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

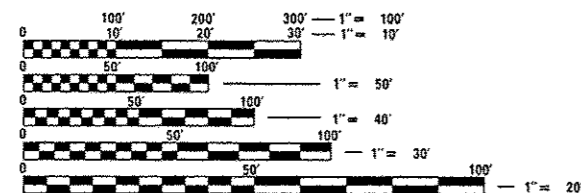
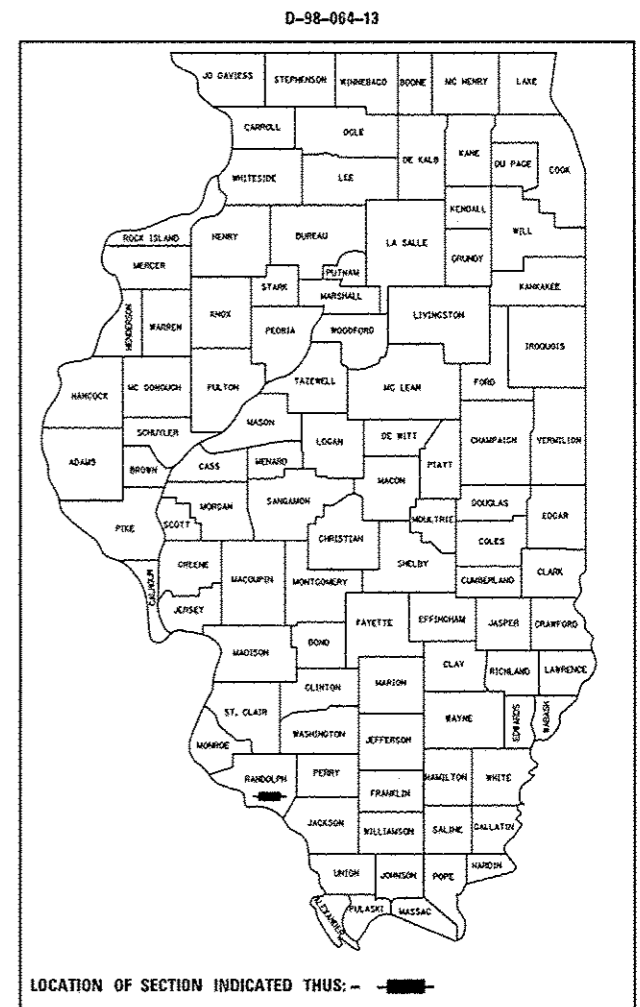
FAP ROUTE 861 (IL 4 / 150)  
SECTION (110,111)RS-3  
RESURFACING (3P) - IL 4/L 150 FROM LOCUST ST  
IN STEELEVILLE TO PERRY COUNTY LINE  
RANDOLPH COUNTY

C-98-066-13

PROJECT ACF-0861(021)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
861	(110,111)RS-3	RANDOLPH	23	1
		ILLINOIS	CONTRACT NO. 76G65	

FOR INDEX OF SHEETS, SEE SHEET NO. 2



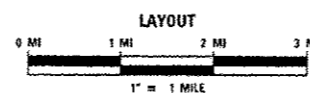
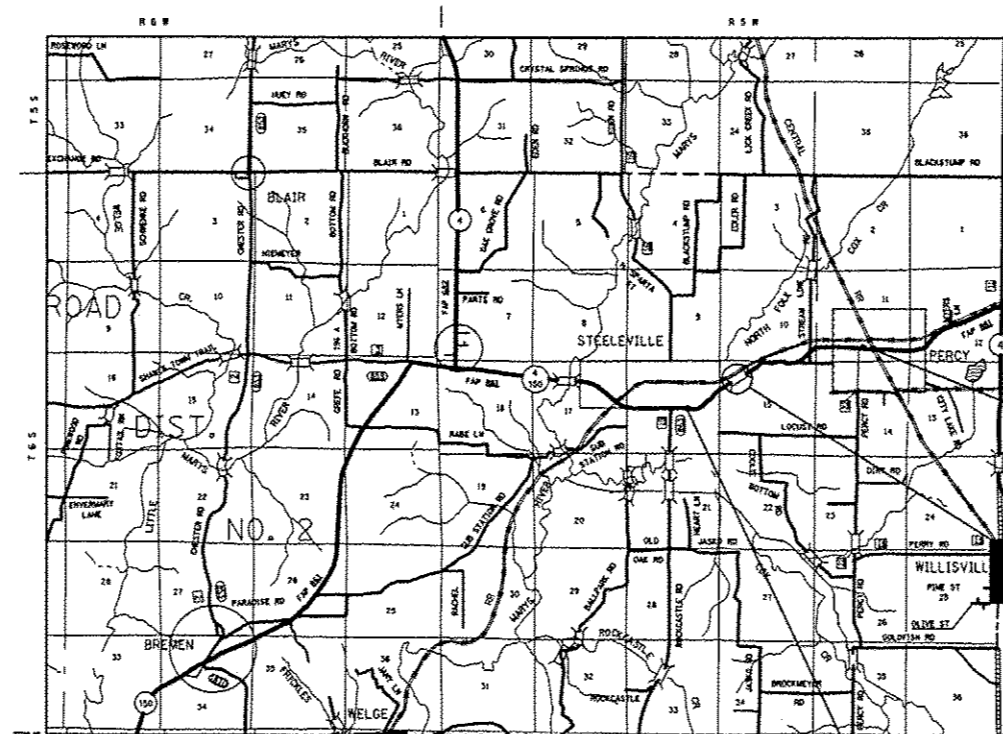
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: TIM PADGETT (618) 346-3325  
SQUAD LEADER: PHIL COPPERNOLL (618) 346-3480

CONTRACT NO. 76G65

TRAFFIC DATA  
ADT: 4900 (2014)  
6000 (2034)  
SU: 7.2%  
MU: 18.0%



GROSS LENGTH = 19,107 FT. = 3.62 MILES  
NET LENGTH = 19,074 FT. = 3.61 MILES

PROJECT BEGINS  
STA 661+00.00  
LAT: 38.0226  
LONG: -89.5937

RAILROAD OMISSION  
STA 739+41.00 TO  
STA 739+74.00

BRIDGE OMISSION  
STA 823+82.00 TO  
STA 825+75.00

PROJECT ENDS  
STA 854+00.00  
LAT: 38.0071  
LONG: -89.6538

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED Dec 4 2013

*[Signature]*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

Jan 24 2014  
*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

Jan 24 2014  
*[Signature]*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

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- 17. - 23. PAVEMENT MARKING SHEETS

HIGHWAY STANDARDS

000001-06	642006
001006	701201-04
406201-01	701306-03
424001-07	701336-06
424006-01	701501-06
442201-03	701801-05
606001-05	

COMMITMENTS

NONE

GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS SHALL APPLY TO THIS PROJECT.
2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
  - AMEREN ILLINOIS
  - EGYPTIAN TELEPHONE COOP. ASSN
  - FRONTIER NORTH, INC.
  - NEW WAVE COMMUNICATIONS
  - VILLAGE OF PERCY
  - VILLAGE OF STEELEVILLE
  - WASHINGTON COUNTY

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811 AND ARE INDICATED BY \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
3. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPOGRAPHY SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS. BOTH SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
4. ALL EXISTING AND PROPOSED RIGHT-OF-WAY LINES AND PROPERTY LINES SHOWN ON THE PLAN SHEETS ARE GRAPHICAL REPRESENTATIONS AND SHALL NOT BE USED AS A MEANS TO ESTABLISH OWNERSHIP. IN ALL MATTERS RELATING TO RIGHT-OF-WAY, THE PLAT OF HIGHWAYS SHALL BE THE CONTROLLING DOCUMENT.
5. THE LOCATIONS OF THE REPAIR AREAS AS SHOWN IN THE PLANS ARE APPROXIMATE LOCATIONS. THE EXACT LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
6. ALL TURF AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED WITH THE APPROPRIATE EROSION CONTROL AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
7. TWO CHANGEABLE MESSAGE BOARDS SHALL BE REQUIRED FOR THIS PROJECT. THEY SHALL BE PLACED ONE WEEK PRIOR TO ANY LANE CLOSURE. THE CHANGEABLE MESSAGE BOARDS SHALL BE PLACED ALONG IL 4/IL 150 AS DIRECTED OF THE ENGINEER.
8. ALL CONSTRUCTION SIGNS SHALL BE 48"X48" FLUORESCENT ORANGE.
9. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED UNLESS THE CONTRACTOR WORKS AT NIGHT. IN THAT CASE, ONLY THE LANE(S) IN WHICH THE CONTRACTOR IS WORKING CAN BE CLOSED OVERNIGHT.
10. THE PROPOSED PAVEMENT MARKING SHALL MATCH THE LOCATIONS OF THE EXISTING PAVEMENT MARKING, AS DIRECTED BY THE ENGINEER.
11. SHORT TERM PAVEMENT MARKING SHALL NOT INTERFERE WITH FINAL MARKINGS, ONLY REMOVAL FROM THE FINAL SURFACE SHALL BE PAID FOR AS "WORK ZONE PAVEMENT MARKING REMOVAL".
11. ALL MILLED AREAS SHALL BE RESURFACED WITH THE APPROPRIATE SURFACE COURSE PRIOR TO OPENING THE LANE TO TRAFFIC.
12. EARTH EXCAVATION WILL NOT BE PAID FOR SEPARATELY, BUT INCLUDED IN THE COST OF "PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH" AND "CONCRETE CURB TYPE B".
13. A NOTCHED WEDGE LONGITUDINAL JOINT SHALL BE USED BETWEEN SUCCESSIVE PASSES OF HMA SURFACE COURSE THAT HAS A DIFFERENCE IN ELEVATION GREATER THAN 2 INCHES BETWEEN LANES ON PAVEMENT THAT IS OPEN TO TRAFFIC. THE LONGITUDINAL JOINT SHALL BE CONSTRUCTED ACCORDING TO ARTICLE 406.06 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
14. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS CONTRACT:

MIXTURE USE	SURFACE	PATCHING	INCIDENTAL HMA	SHOULDERS > 2.25"	SHOULDERS > 2.25"
AC/PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS	4.0% @ Ndes=90	4.0% @ Ndes=90	4.0% @ Ndes=90	**2.0% @ Ndes=30	**2.0% @ Ndes=30
MIX COMPOSITION				NMAS 3/4"	NMAS 1/2"
(GRADATION MIXTURE)	IL 9.5	IL 19.0 FG	-----		
FRICTION AGG	MIXTURE "D"	MIXTURE "B"	MIXTURE "C"		

\*\*TOP LIFT SHOULDERS - DESIGN THIS MIX AT 2% VOIDS AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

PLAN QUANTITIES FOR HOT-MIX ASPHALT SURFACE COURSE ITEMS ARE CALCULATED USING A UNIT WEIGHT OF 112 LB/SO YD/IN (59.8 KG/SO M/25 MM THICKNESS).

FILE NAME #	USER NAME # *USER#	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - _____	REVISED - _____			961	010.111RS-3	RANDOLPH	23	2	
#MODELNAME#	PLOT SCALE # *SCALE#	CHECKED - _____	REVISED - _____			CONTRACT NO. 76G65					
	PLOT DATE # *DATE#	DATE - _____	REVISED - _____			ILLINOIS FED. AID PROJECT					
					SCALE: _____	SHEET _____	OF _____	SHEETS	STA. _____	TO STA. _____	

80/20  
FED/ST

# SUMMARY OF QUANTITIES

80/20  
FED/ST

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
25000100	SEEDING, CLASS 1	ACRE	0.25	0.25		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	0.5	0.5		
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	0.5	0.5		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	0.5	0.5		
25100105	MULCH, METHOD 1	ACRE	0.25	0.25		
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	16.3	16.3		
40600300	AGGREGATE (PRIME COAT)	TON	78	78		
40600990	TEMPORARY RAMP	SQ YD	505	505		
40603345	HOT-MIX-ASPHALT SURFACE COURSE, MIX "D", N90	TON	6534	6534		
40800020	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.2	0.2		
40800030	AGGREGATE (PRIME COAT)	TON	1	1		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	60	60		
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	254	254		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
42400800	DETECTABLE WARNINGS	SQ FT	77	77		
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	61180	61180		
44000600	SIDEWALK REMOVAL	SQ FT	254	254		
44004250	PAVED SHOULDER REMOVAL	SQ YD	246	246		
44200168	PAVEMENT PATCHING, TYPE II, 14 INCH	SQ YD	181	181		
44200172	PAVEMENT PATCHING, TYPE III, 14 INCH	SQ YD	192	192		
44200174	PAVEMENT PATCHING, TYPE IV, 14 INCH	SQ YD	1407	1407		
44300200	STRIP REFLECTIVE CRACK CONTROL TREATMENT	FOOT	31647	31647		
48101200	AGGREGATE SHOULDERS, TYPE B	TON	7	7		
48101600	AGGREGATE SHOULDERS, TYPE B 8"	SQ YD	622	622		
48203041	HOT-MIX ASPHALT SHOULDERS, 11"	SQ YD	246	246		
48203100	HOT-MIX ASPHALT SHOULDERS	TON	1124	1124		
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1		
60600605	CONCRETE CURB, TYPE B	FOOT	200	200		

FILE NAME =	USER NAME = #USER#	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILE#		DRAWN - _____	REVISED - _____			861	(1)0,11)RS-3	RANDOLPH	23	3	
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#MODELNAME#	PLOT DATE = #DATE#	DATE - _____	REVISED - _____			[ILLINOIS] FED. AID PROJECT CONTRACT NO. 76665					

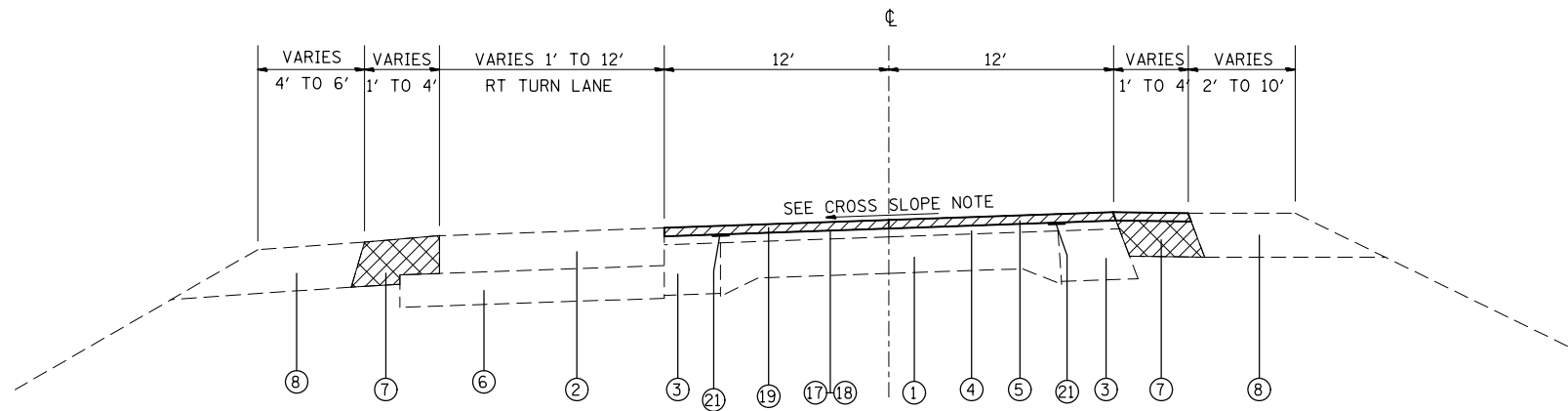
80/20  
FED/ST

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	7	7		
67100100	MOBILIZATION	L SUM	1	1		
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1		
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1		
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	2	2		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	17370	17370		
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	53110	53110		
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	23494	23494		

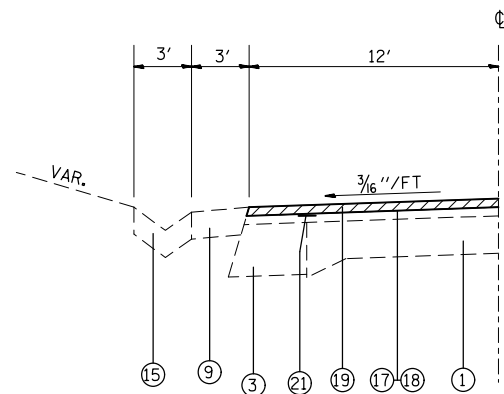
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	129	129		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	53010	53010		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	72	72		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	244	244		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	243	243		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		
Ø Z0076600	TRAINEES	HOUR	1000	1000		
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	1000		

\* SPECIALTY ITEM Ø 0042

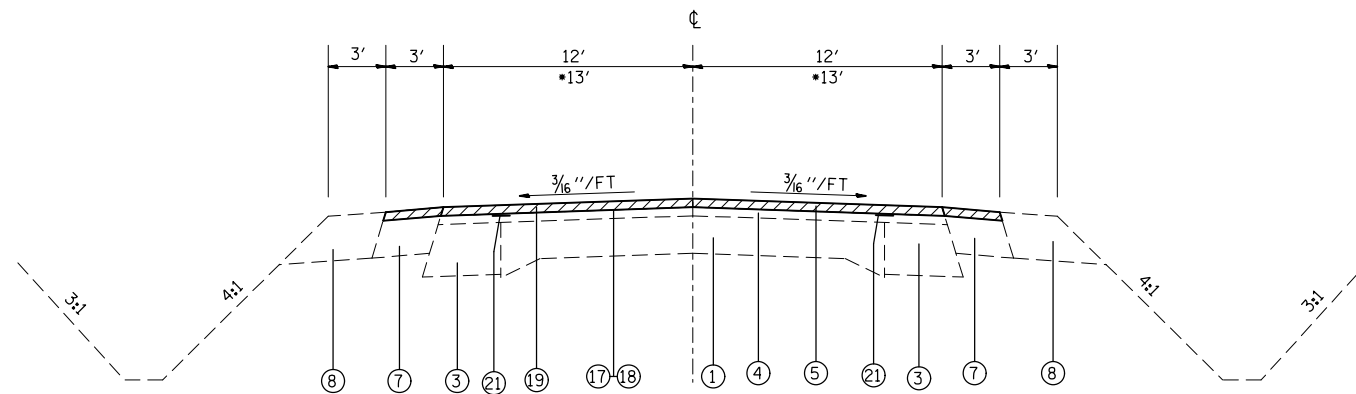


CROSS SLOPE NOTE  
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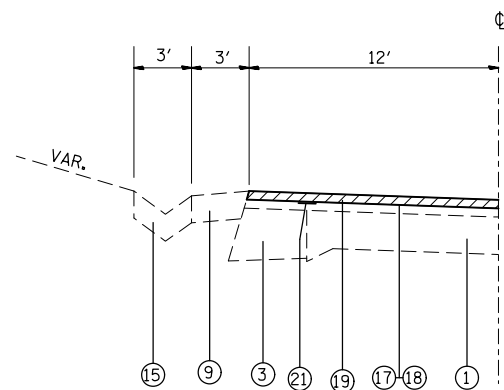
STA. 661+00.00 TO STA. 673+00.00



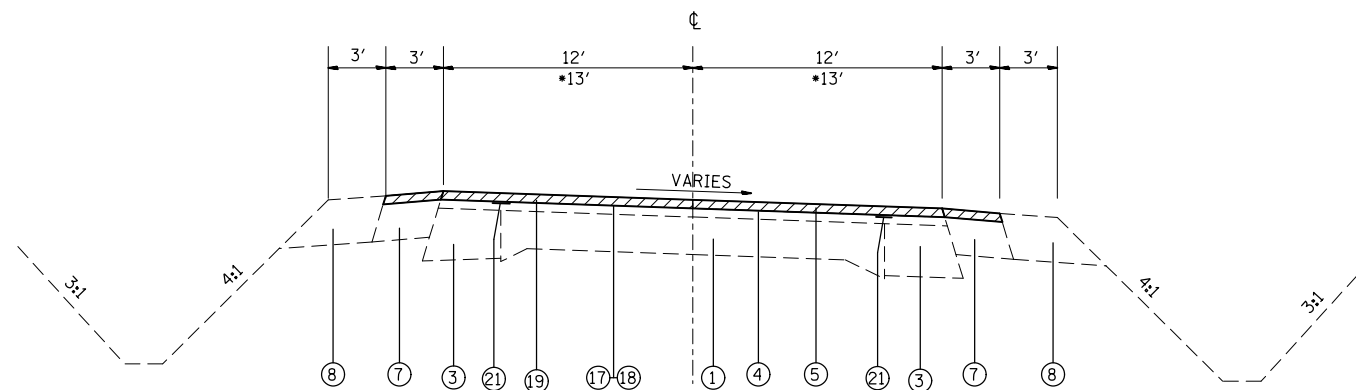
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STA. 673+00.00 TO STA. 689+99.00  
 \*STA. 701+94.00 TO STA. 702+21.00  
 STA. 772+68.00 TO STA. 774+38.00  
 STA. 785+96.00 TO STA. 796+68.00  
 STA. 808+05.00 TO STA. 808+61.00



STA. 761+22.00 TO STA. 763+00.00



STA. 689+99.00 TO STA. 701+94.00  
 STA. 702+21.00 TO STA. 703+81.20  
 \*STA. 703+81.20 TO STA. 707+99.00  
 STA. 760+15.00 TO STA. 772+68.00  
 STA. 774+38.00 TO STA. 785+96.00  
 STA. 796+68.00 TO STA. 808+05.00

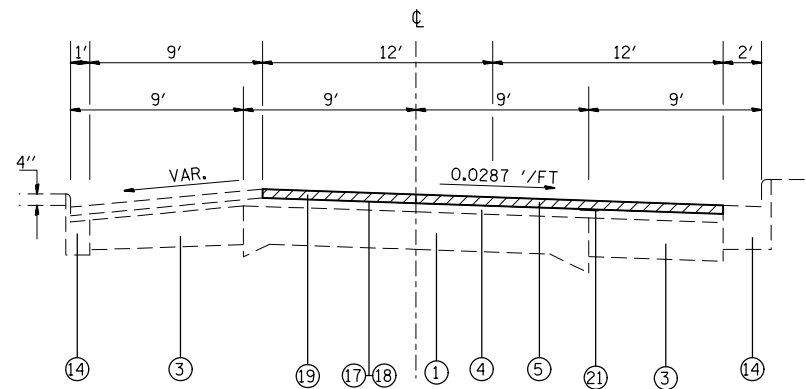
**LEGEND**

- ① EXISTING PAVEMENT (9-6-9)
- ①A EXISTING HOT-MIX ASPHALT BASE COURSE, 9"
- ② EXISTING PCC PAVEMENT 8"
- ③ EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
- ④ EXISTING HOT-MIX ASPHALT BINDER COURSE, VARIES
- ⑤ EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1 1/2"
- ⑥ EXISTING GRANULAR SUBBASE
- ⑦ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- ⑧ EXISTING AGGREGATE SHOULDER, 8"
- ⑨ EXISTING HOT-MIX ASPHALT SHOULDERS, 6"
- ⑩ EXISTING AGGREGATE SHOULDER, 6"
- ⑪ EXISTING HOT-MIX ASPHALT SHOULDERS
- ⑫ EXISTING AGGREGATE SHOULDER TYPE B
- ⑬ EXISTING HOT-MIX ASPHALT BINDER,
- ⑭ EXISTING CURB AND GUTTER
- ⑮ EXISTING TYPE A GUTTER
- ⑯ EXISTING TYPE B GUTTER
- ⑰ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ⑱ PROPOSED AGGREGATE (PRIME COAT)
- ⑲ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2 1/4"
- ⑳ PROPOSED CONCRETE CURB TYPE B
- ㉑ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT

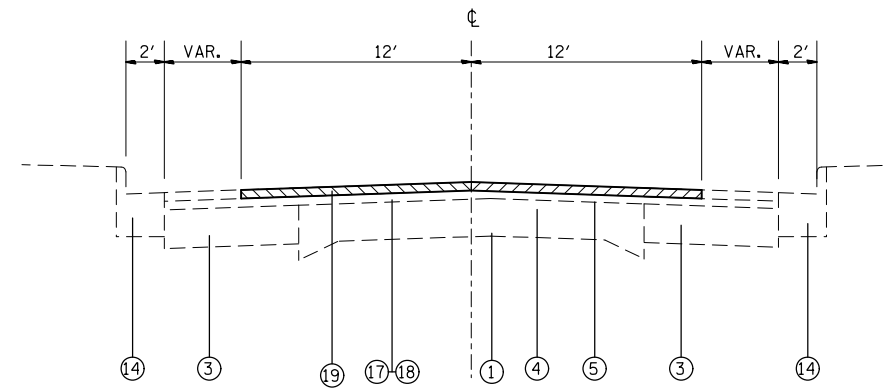
HMA SURFACE REMOVAL, 2 1/4"

SHOULDER REMOVAL & REPLACEMENT (SEE PLAN SHEET FOR LIMITS & THICKNESS)

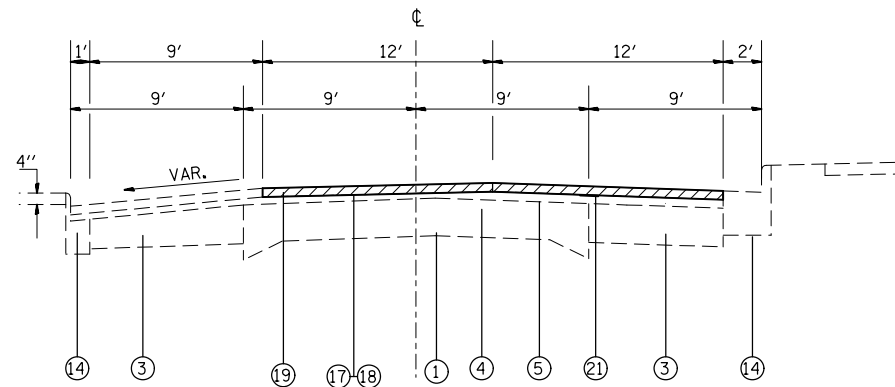
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*FILEL*		DRAWN - _____	REVISED - _____		861	(110,111)RS-3	RANDOLPH	23	5			
*MODELNAME*		CHECKED - _____	REVISED - _____		CONTRACT NO. 76G65							
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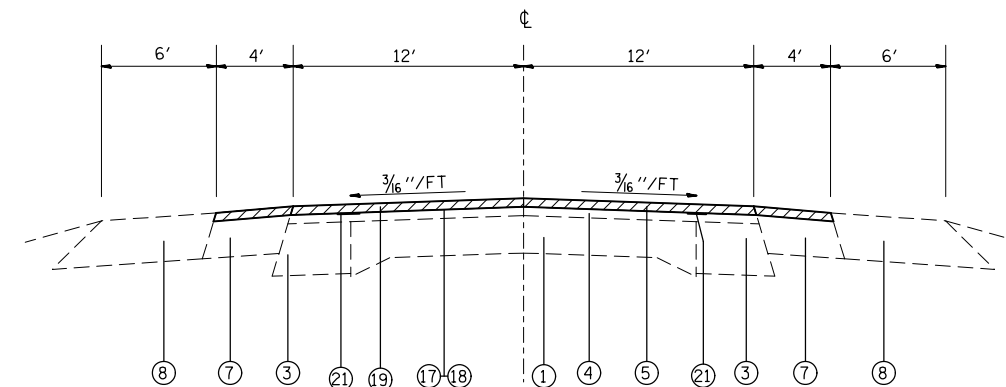
STA. 707+99.00 TO STA. 714+73.00



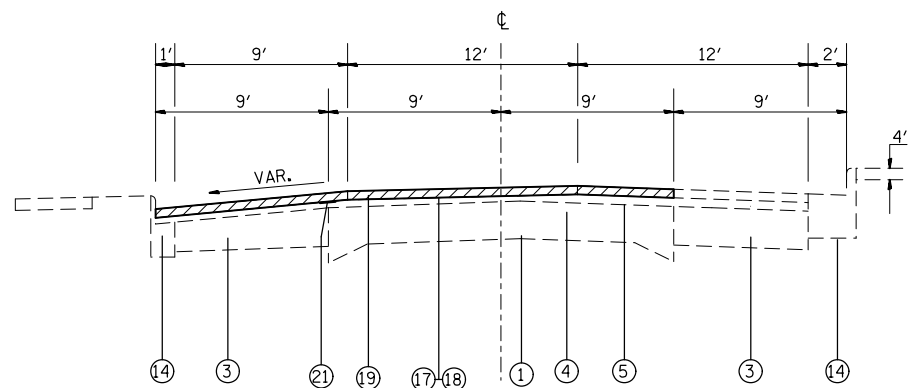
STA. 738+60.00 TO STA. 739+57.00  
 STA. 739+57.50 TO STA. 743+00.00  
 STA. 759+43.00 TO STA. 760+15.00



STA. 714+73.00 TO STA. 738+60.00



STA. 808+61.00 TO STA. 822+25.00



STA. 743+00.00 TO STA. 759+43.00

**LEGEND**

- ① EXISTING PAVEMENT (9-6-9)
  - ①A EXISTING HOT-MIX ASPHALT BASE COURSE, 9"
  - ② EXISTING PCC PAVEMENT 8"
  - ③ EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
  - ④ EXISTING HOT-MIX ASPHALT BINDER COURSE, VARIES
  - ⑤ EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1/2"
  - ⑥ EXISTING GRANULAR SUBBASE
  - ⑦ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
  - ⑧ EXISTING AGGREGATE SHOULDER, 8"
  - ⑨ EXISTING HOT-MIX ASPHALT SHOULDERS, 6"
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  - ⑭ EXISTING CURB AND GUTTER
  - ⑮ EXISTING TYPE A GUTTER
  - ⑯ EXISTING TYPE B GUTTER
  - ⑰ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
  - ⑱ PROPOSED AGGREGATE (PRIME COAT)
  - ⑲ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2 1/4"
  - ⑳ PROPOSED CONCRETE CURB TYPE B
  - ㉑ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT
- ▨ HMA SURFACE REMOVAL, 2 1/4"

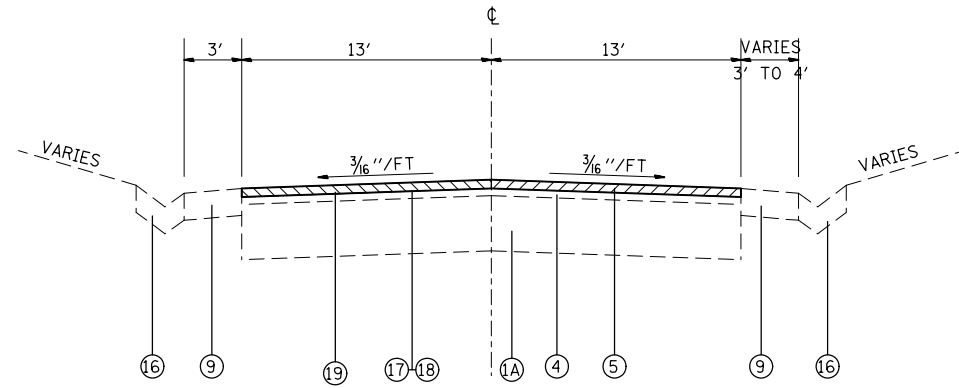
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*MODELNAME*	PLOT DATE = *DATE*	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

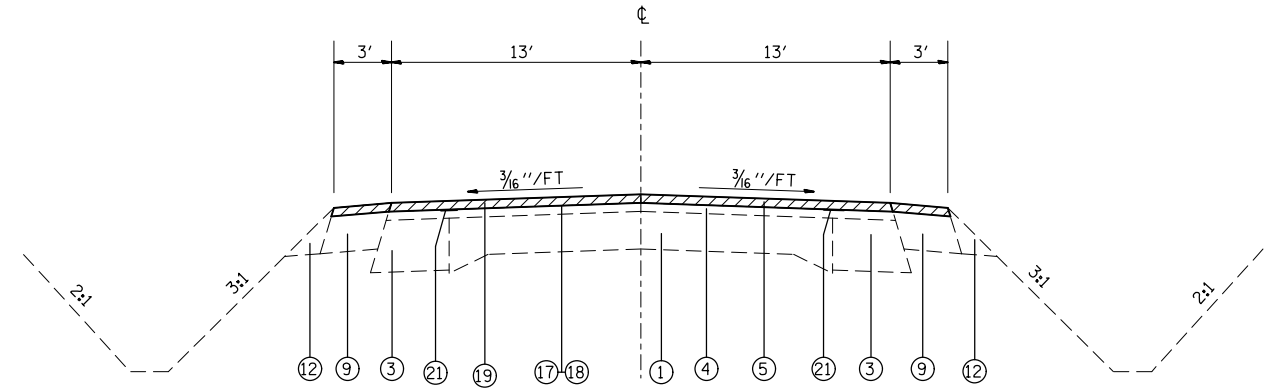
**TYPICAL SECTIONS**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

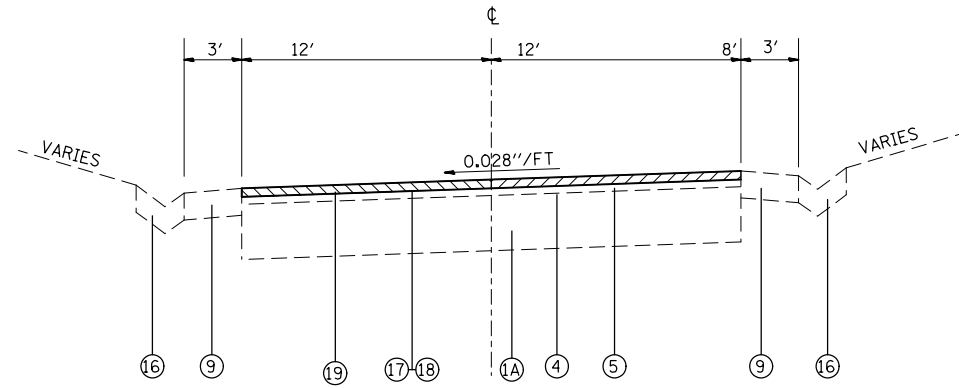
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
861	(110,111)RS-3	RANDOLPH	23	6
CONTRACT NO. 76G65				
ILLINOIS FED. AID PROJECT				



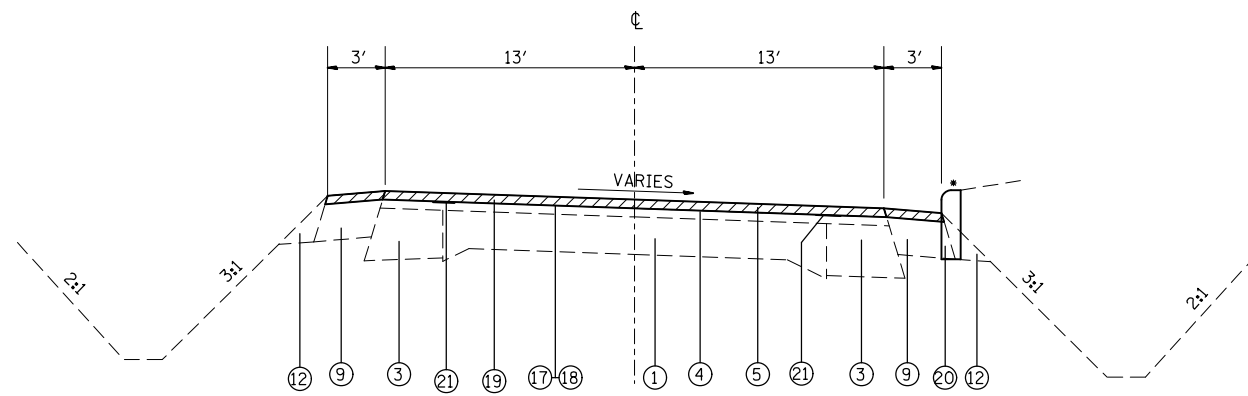
STA. 825+18.00 TO STA. 825+75.00



STA. 837+33.00 TO STA. 842+25.00  
STA. 851+51.00 TO STA. 852+58.00



STA. 825+75.00 TO STA. 828+18.00



STA. 828+18.00 TO STA. 837+33.00  
STA. 842+25.00 TO STA. 851+51.00  
\*STA. 849+15.00 TO STA. 851+15.00

NOTE: EXCAVATION IS INCLUDED IN COST OF CONCRETE CURB, TYPE B.

**LEGEND**

- ① EXISTING PAVEMENT (9-6-9)
- ①A EXISTING HOT-MIX ASPHALT BASE COURSE, 9"
- ② EXISTING PCC PAVEMENT 8"
- ③ EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
- ④ EXISTING HOT-MIX ASPHALT BINDER COURSE, VARIES
- ⑤ EXISTING HOT-MIX ASPHALT SURFACE COURSE, 1/2"
- ⑥ EXISTING GRANULAR SUBBASE
- ⑦ EXISTING HOT-MIX ASPHALT SHOULDERS, 8"
- ⑧ EXISTING AGGREGATE SHOULDER, 8"
- ⑨ EXISTING HOT-MIX ASPHALT SHOULDERS, 6"
- ⑩ EXISTING AGGREGATE SHOULDER, 6"
- ⑪ EXISTING HOT-MIX ASPHALT SHOULDERS
- ⑫ EXISTING AGGREGATE SHOULDER TYPE B
- ⑬ EXISTING HOT-MIX ASPHALT BINDER,
- ⑭ EXISTING CURB AND GUTTER
- ⑮ EXISTING TYPE A GUTTER
- ⑯ EXISTING TYPE B GUTTER
- ⑰ PROPOSED BITUMINOUS MATERIAL (PRIME COAT)
- ⑱ PROPOSED AGGREGATE (PRIME COAT)
- ⑲ PROPOSED HOT-MIX ASPHALT SURFACE COURSE, 2 1/4"
- ⑳ PROPOSED CONCRETE CURB TYPE B
- ㉑ PROPOSED STRIP REFLECTIVE CRACK CONTROL TREATMENT

HMA SURFACE REMOVAL, 2 1/4"

FILE NAME =	USER NAME = #USER*	DESIGNED - _____	REVISED - _____
#FILE#		DRAWN - _____	REVISED - _____
	PLOT SCALE = #SCALE*	CHECKED - _____	REVISED - _____
#MODELNAME*	PLOT DATE = #DATE*	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_\_ OF \_\_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
861	(110,111)RS-3	RANDOLPH	23	7
CONTRACT NO. 76G65			ILLINOIS FED. AID PROJECT	

## RESURFACING SCHEDULE

STATION		AGG. PRIME COAT (TON)	BIT. MAT'L PRIME COAT (TON)	HMA SURF. COURSE, MIX "D", N90 (TON)	INCIDENTAL			HMA SHOULDERS 11" (SQ YD)	HMA SHOULDERS 2 1/4" (TON)	AGGREGATE SHOULDER TYPE B 8" (SQ YD)	AGGREGATE SHOULDER TYPE B (TON)	STRIP REFL. CRACK CONTROL TREATMENT (FT)	CONCRETE CURB, TYPE B (FT)	HMA SURFACE REMOVAL, 2 1/4 (SQ YD)	PAVED SHOULDER REMOVAL (SQ YD)	TEMPORARY RAMP (SQ YD)	SHOULDER RUMBLE STRIPS, 8 INCH (FT)
					AGG. PRIME COAT (TON)	BITUMINOUS MATERIAL PRIME COAT (TON)	HMA SURFACING (TON)										
661+00.00 RT/LT TO 661+45.00 RT/LT	MAINLINE															120	
661+00.00 RT/LT TO 699+00.00 RT/LT	MAINLINE	15.20	3.17	1276.80										10133.33			
662+65.50 RT TO 670+00.00 RT	SHOULDER									621.61							
8+23.00 RT TO 664+00.00 LT	SHOULDER							83.92									
0+37.75 LT TO 666+00.00 RT	SHOULDER							161.34							83.92		
666+00.00 RT TO 673+00.00 RT	SHOULDER								39.20			700.00		311.11			700.00
668+55.87 LT TO 673+00.00 LT	SHOULDER								24.87			444.13		197.39			444.13
673+00.00 RT/LT TO 699+00.00 RT/LT	SHOULDER								218.40			5200.00		1733.33			5200.00
699+00.00 RT/LT TO 700+00.00 RT/LT	MAINLINE & SHLD	0.42	0.09	35.00					7.00			200.00		305.56			
700+00.00 RT/LT TO 707+00.00 RT/LT	MAINLINE	3.03	0.63	254.80								1400.00		2022.22			
700+00.00 LT TO 707+12.90 LT	SHOULDER								19.96					158.42			
700+00.00 RT TO 707+23.10 RT	SHOULDER								20.25					160.69			
707+00.00 RT/LT TO 708+00.00 RT/LT	MAINLINE	0.42	0.09	35.00								100.00		277.78			
708+00.00 RT/LT TO 760+12.79 RT/LT	MAINLINE	20.85	4.35	1755.39								5212.79		13900.77			
760+12.79 RT/LT TO 822+75.00 RT/LT	MAINLINE	25.05	5.23	2104.10								12524.42		16699.23			
760+12.79 RT/LT TO 808+61.00 RT/LT	SHOULDER								407.25					3232.14			
764+00.00 RT/LT TO 773+00.00 RT/LT	SHOULDER																1800.00
MINTON RD RT/LT	SIDEROAD				0.70	0.15	59.04				6.06			468.57			
777+00.00 RT/LT TO 821+00.00 RT/LT	SHOULDER																8800.00
808+61.00 RT/LT TO 822+61.00 RT/LT	SHOULDER								156.80					1244.44			
822+30.00 RT/LT TO 822+75.00 RT/LT	MAINLINE															120	
824+67.59 RT/LT TO 826+00.00 RT/LT	MAINLINE	0.55	0.12	46.34								264.82		367.81		120	
824+82.00 RT/LT TO 852+17.97 RT/LT	SHOULDER								229.82					1823.98			
826+00.00 RT/LT TO 852+00.00 RT/LT	MAINLINE	11.27	2.35	946.40								5200.00		7511.11			
852+00.00 RT/LT TO 854+00.00 RT/LT	MAINLINE	0.95	0.20	79.63								400.00		631.98			
849+15.00 RT TO 851+15.00 RT												200.00					
850+70.00 RT/LT TO 851+15.00 RT/LT	MAINLINE															145	
TOTAL		77.73	16.22	6533.47	0.70	0.15	59.04	245.25	1123.55	621.61	6.06	31646.16	*200.00	61179.87	245.25	505.00	16944.13

\*EXCAVATION IS INCLUDED IN THE COST OF CONCRETE CURB, TYPE B

## TEMP. PAVEMENT MARKING & REMOVAL SCHEDULE

STATION				TEMP. PVMT MARKING LINE 4" (FT)	SHORT TERM PAVEMENT MARKING (FT)	WORK ZONE PAVEMENT REMOVAL (SQ FT)	RAISED REFL. PVMT MARKER REMOVAL (SQ FT)
661+00.00	TO	854+00.00	RT/LT	EDGE LINES	38214.00	11580	16598.0
661+00.00	TO	854+00.00	CL	CENTER LINE	4718.00	5790	3502.7
661+00.00	TO	854+00.00	CL	CENTER LINE	10177.50		3392.5
TOTAL					53109.5	17370.0	23493.2



PAVEMENT MARKING SCHEDULE

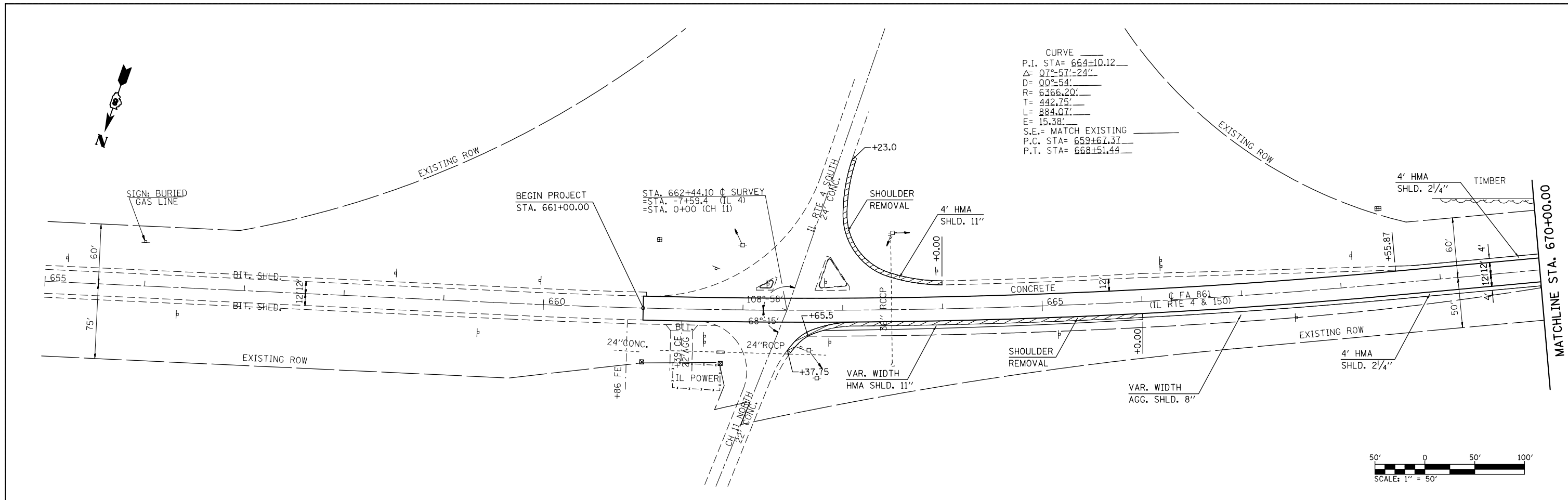
STATION	LETTER AND SYMBOLS (SQ FT)	THERMOPLASTIC PVMT MKG				RAISED REFLECTIVE PAVEMENT MARKER TWO-WAY (EA)
		4" WHITE LINE (FT)	YELLOW SKIP DASH LINE (FT)	4" YELLOW LINE (FT)	24" WHITE LINE (FT)	
661+00.00 RT/LT TO 822+74.50 RT/LT	EDGE LINE	32349.00				
661+00.00 TO 822+74.50	CENTER LINE		4043.63			203
661+00.00 TO 673+59.50	NO LT PASSING			1259.50		
675+00.00 TO 684+00.00	LT PASSING			900.00		
735+94.50 TO 739+45.00	NO LT PASSING			350.50		
736+15.50 RT	STOP				12.00	
736+50.00 RT	XSING MARKINGS	64.14				
737+10.50 RT	STOP				12.00	
739+33.50 RT	STOP				12.00	
739+65.00 TO 743+14.50	LT PASSING			349.50		
739+74.00 LT	STOP				12.00	
742+00.00 LT	STOP				12.00	
742+26.00 LT	XSING MARKINGS	64.14				
742+59.00 LT	STOP				12.00	
759+00.00 TO 765+50.00	NO LF PASSING			650.00		
765+50.00 TO 772+73.00	LT PASSING			723.00		
772+73.00 TO 780+00.00	NO LT PASSING			727.00		
780+00.00 TO 786+30.00	LT PASSING			630.00		
794+00.00 TO 801+30.00	NO LT PASSING			730.00		
802+40.00 TO 808+61.00	LT PASSING			621.00		
821+45.00 TO 822+74.50	NO LT PASSING			129.50		
824+67.50 RT/LT TO 854+00.00 RT/LT	EDGE LINE	5865.00				
824+67.50 TO 846+00.00	CENTER LINE		533.13			28
824+67.50 TO 832+00.00	NO LT PASSING			732.50		
832+00.00 TO 838+00.00	LT PASSING			600.00		
838+00.00 TO 846+00.00	NO LT PASSING			800.00		
846+00.00 TO 848+35.00	DBL NO PASSING			470.00		4
848+35.00 TO 854+00.00	CENTER LINE		141.25			8
848+35.00 TO 854+00.00	LT PASSING			565.00		
SUB TOTAL			38214.00	4718.00	10237.50	72.00
TOTAL		128.27		53169.50		244

SIDEWALK SCHEDULE

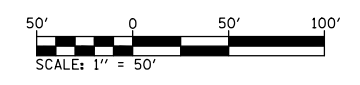
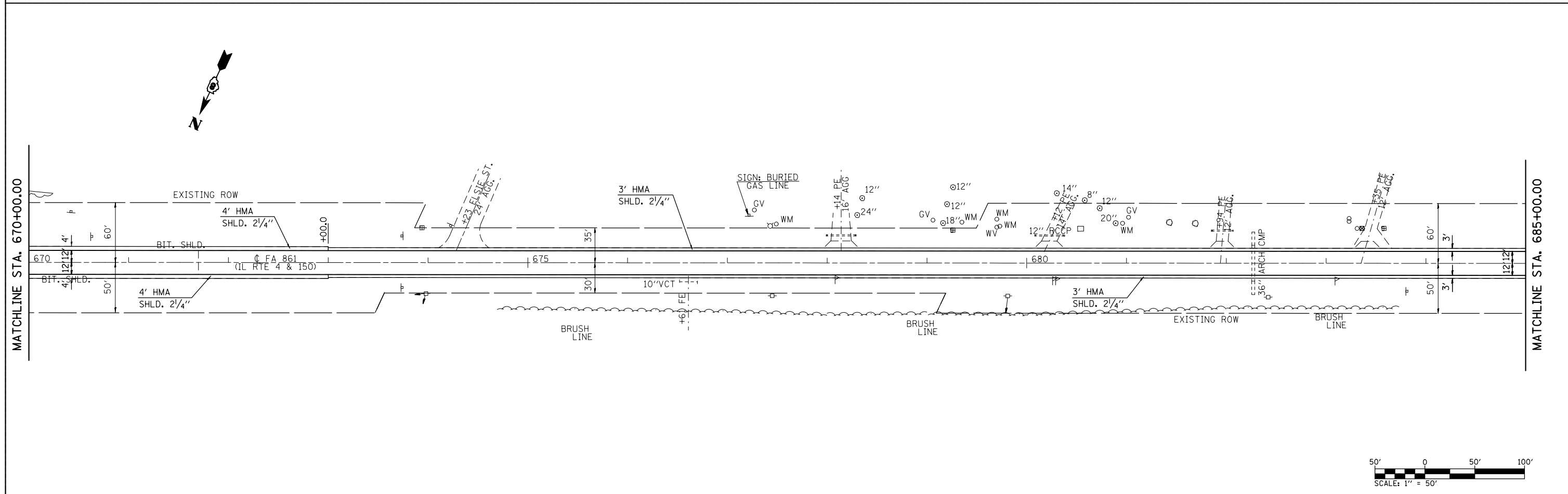
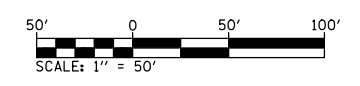
STATION	PCC SIDEWALK 4" (SQ FT)	DETECTABLE WARNINGS (SQ FT)	SIDEWALK REMOVAL (SQ FT)	SEEDING CLASS 1 (ACRE)	FERTILIZER (POUND)
CROSS AVE. 720+37.00 LT	49.59	20	49.59	0.001	0.12
720+45.80 RT	66.32	10	66.32	0.001	0.12
2ND ST. 740+84.90 RT	43.41	27	43.41	0.001	0.12
740+85.00 LT	94.54	20	94.54	0.001	0.12
TOTAL	253.86	77.00	253.86	0.01	0.50

PAVEMENT PATCHING SCHEDULE

STATION	LANE	LENGTH (FT)	WIDTH (FT)	AREA (SQ FT)	TYPE (SQ YD)		
					II	III	IV
661+39.00	LT	MAINLINE	70	12	840		93.3
669+75.00	RT/LT	MAINLINE	6	24	144		
670+05.00	RT	MAINLINE	6	12	72	8.0	16.0
671+50.00	RT/LT	MAINLINE	6	24	144		16.0
671+95.00	RT	MAINLINE	6	12	72	8.0	
672+30.00	RT	MAINLINE	6	12	72	8.0	
685+15.00	RT/LT	MAINLINE	20	24	480		53.3
692+00.00	RT/LT	MAINLINE	6	24	144		16.0
701+80.00	RT	MAINLINE	6	12	72	8.0	
744+50.00	RT	MAINLINE	6	12	72	8.0	
745+85.00	RT	MAINLINE	15	12	180		20.0
748+55.00	LT	MAINLINE	6	12	72	8.0	
748+75.00	RT	MAINLINE	20	12	240		26.7
749+20.00	RT	MAINLINE	30	12	360		40.0
751+05.00	RT	MAINLINE	20	12	240		26.7
755+15.00	LT	MAINLINE	15	12	180		20.0
755+50.00	RT	MAINLINE	40	12	480		53.3
756+50.00	RT	MAINLINE	15	12	180		20.0
757+10.00	RT	MAINLINE	20	12	240		26.7
758+00.00	RT/LT	MAINLINE	6	24	144		16.0
761+05.00	RT	MAINLINE	20	12	240		26.7
773+05.00	LT	MAINLINE	15	12	180		20.0
773+20.00	RT	MAINLINE	30	12	360		40.0
783+70.00	RT/LT	MAINLINE	6	24	144		16.0
786+50.00	LT	MAINLINE	6	12	72	8.0	
792+15.00	LT	MAINLINE	25	12	300		33.3
793+05.00	LT	MAINLINE	6	12	72	8.0	
793+08.00	RT	MAINLINE	8	12	96	10.7	
794+25.00	RT	MAINLINE	50	12	600		66.7
797+50.00	RT	MAINLINE	60	12	720		80.0
798+50.00	RT/LT	MAINLINE	30	24	720		80.0
799+00.00	RT	SHOULDER	20	3	60	6.7	
808+35.00	LT	MAINLINE	6	12	72	8.0	
809+00.00	RT	MAINLINE	80	12	960		106.7
810+20.00	RT	MAINLINE	6	12	72	8.0	
815+00.00	RT	MAINLINE	200	12	2400		266.7
821+00.00	RT	MAINLINE	25	12	300		33.3
821+50.00	LT	MAINLINE	38	12	456		50.7
821+75.00	LT	MAINLINE	21	12	252		28.0
821+95.00	LT	MAINLINE	30	12	360		40.0
825+75.00	LT	MAINLINE	6	12	72	8.0	
828+45.00	LT	MAINLINE	8	12	96	10.7	
834+50.00	RT	MAINLINE	10	12	120	13.3	
840+15.00	RT	MAINLINE	6	12	72	8.0	
841+95.00	RT	MAINLINE	10	12	120	13.3	
SUB-TOTAL					150.7	160.0	1172.0
ANTICIPATED FAILURE (20%)					30.1	32.0	234.4
TOTAL					180.8	192.0	1406.4

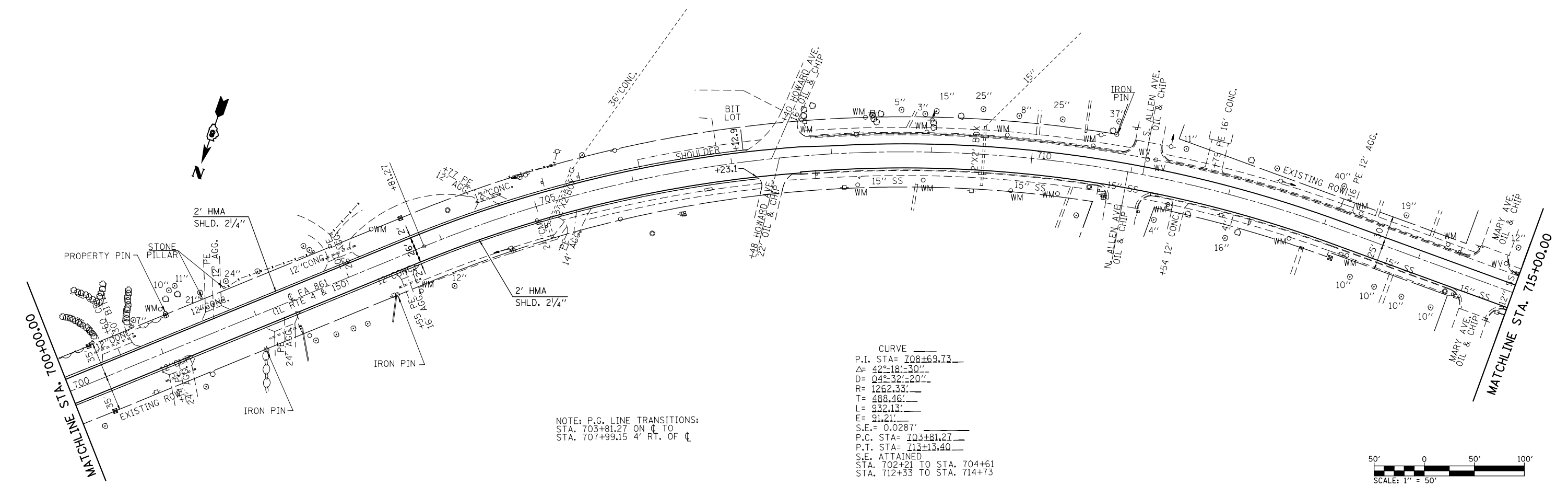
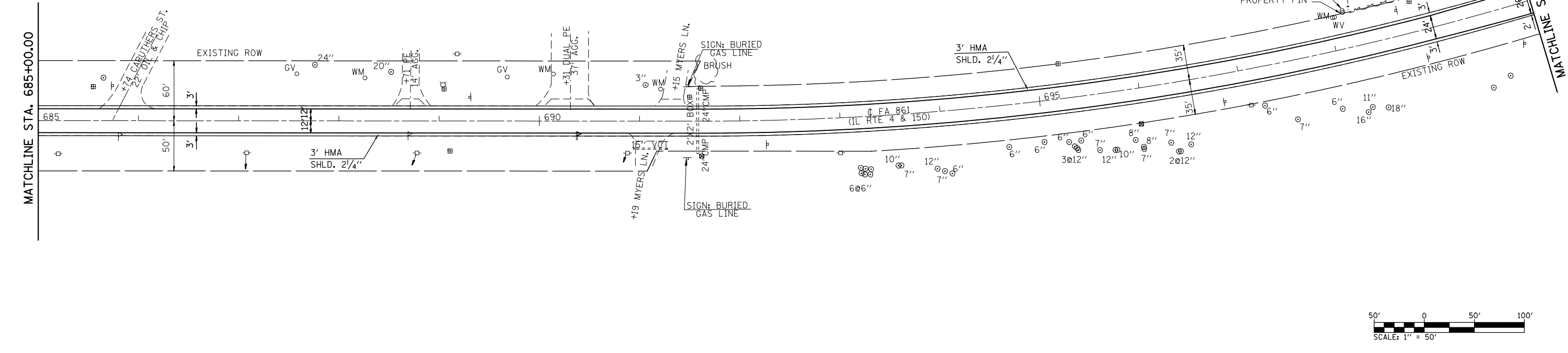


CURVE  
 P.I. STA= 664±10.12  
 Δ= 07°-57'-24"  
 D= 00°-54'  
 R= 6366.20'  
 T= 442.75'  
 L= 884.07'  
 E= 15.38'  
 S.E.= MATCH EXISTING  
 P.C. STA= 659±67.37  
 P.T. STA= 668±51.44



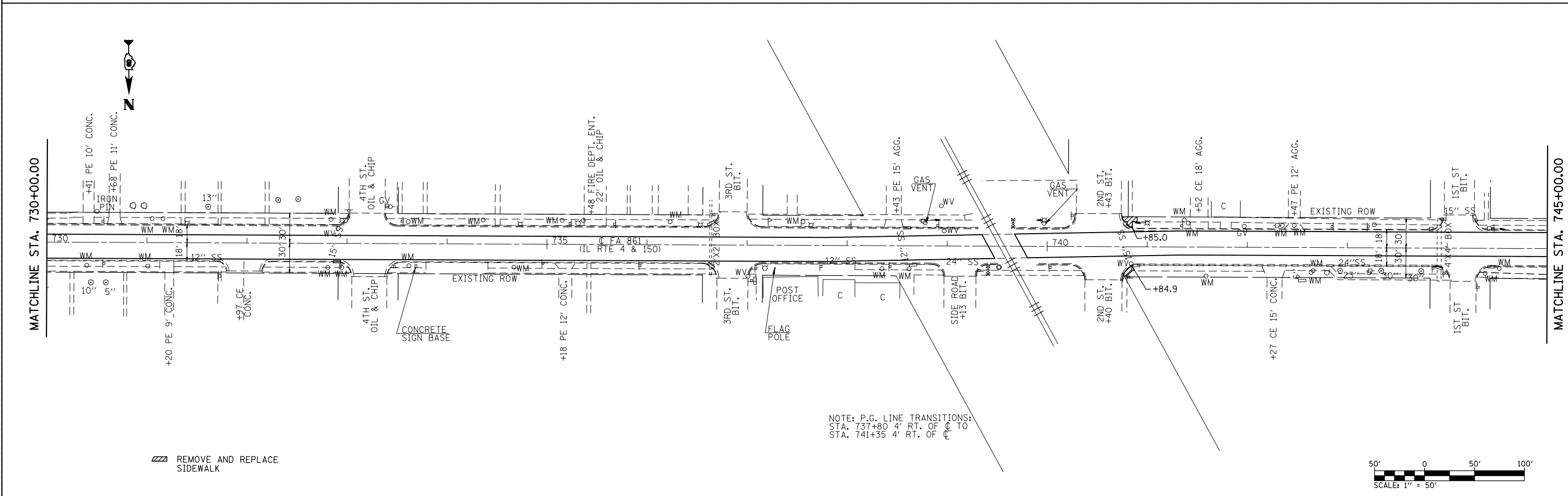
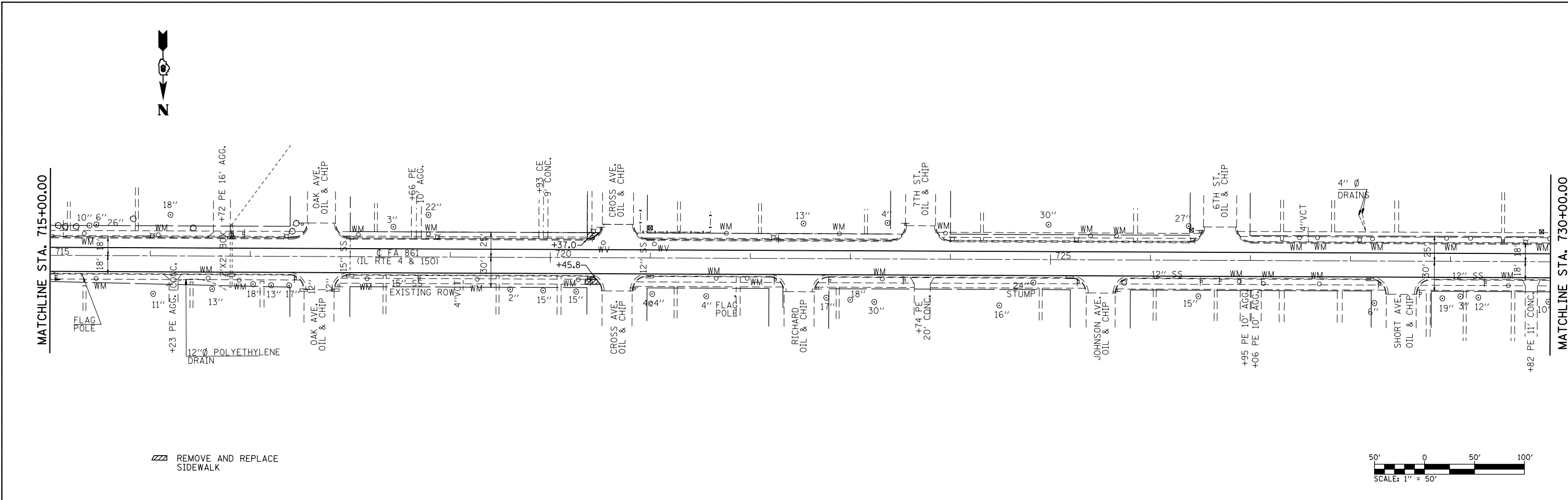
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	PLOT SCALE = *SCALE*	DRAWN - _____	REVISED - _____		SCALE: 1" = 50'	SHEET 1	OF 7 SHEETS	STA. 655+00.00	TO STA. 685+00.00	861	(110,111)RS-3	RANDOLPH	23	10
	PLOT DATE = *DATE*	CHECKED - _____	REVISED - _____											
		DATE - _____	REVISED - _____											
ILLINOIS FED. AID PROJECT												CONTRACT NO. 76G65		

T= 440.71'  
 L= 874.70'  
 E= 33.40'  
 S.E.= 0.0375'/FT.  
 P.C. STA= 691+59.11  
 P.T. STA= 700+33.81  
 S.E. ATTAINED  
 STA. 689+95 TO STA. 692+39  
 STA. 699+54 TO STA. 701+94

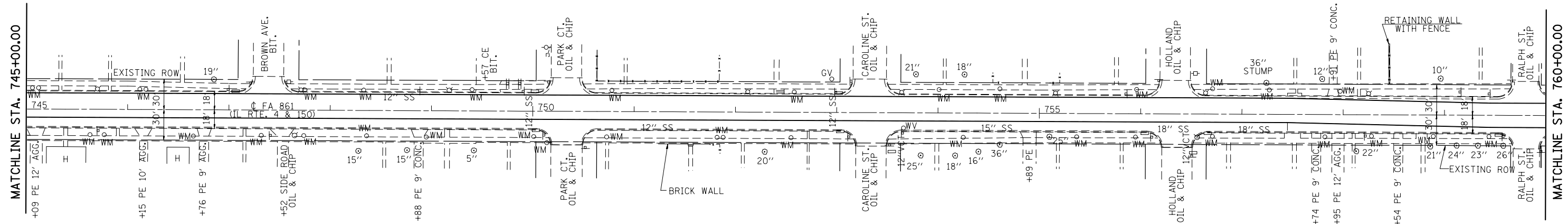


NOTE: P.G. LINE TRANSITIONS:  
 STA. 703+81.27 ON C TO  
 STA. 707+99.15 4' RT. OF C

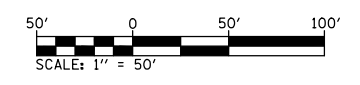
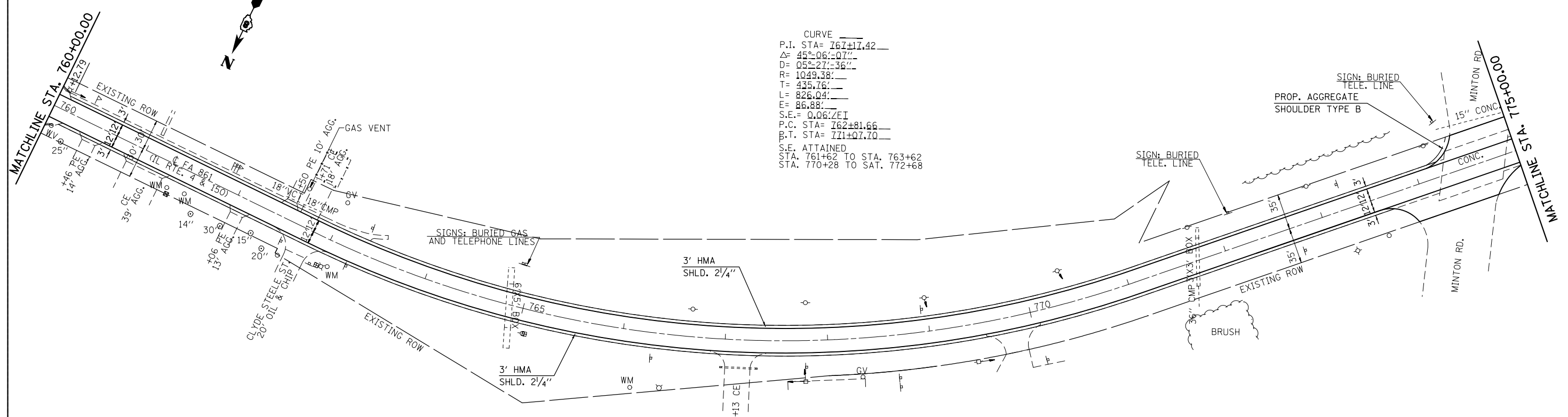
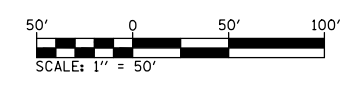
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PLOT SCALE = *SCALE#	CHECKED - _____	REVISED - _____	SCALE: 1" = 50'			SHEET 2 OF 7 SHEETS	STA. 685+00.00 TO STA. 715+00.00	CONTRACT NO. 76G65			
*MODELNAME#	DATE - _____	REVISED - _____	ILLINOIS FED. AID PROJECT								



FILE NAME = *FILEL*	USER NAME = *USER*	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = *SCALE*	DRAWN - _____	REVISED - _____		SCALE: 1" = 50'	SHEET 3	OF 7 SHEETS	STA. 715+00.00	TO STA. 745+00.00	861	(110,111)RS-3	RANDOLPH	23	12
	PLOT DATE = *DATE*	CHECKED - _____	REVISED - _____							CONTRACT NO. 76G65				
		DATE - _____	REVISED - _____							ILLINOIS FED. AID PROJECT				



NOTE: P.G. LINE TRANSITIONS:  
 STA. 757+45 4' LT. OF C TO  
 STA. 759+45 4' LT. OF C

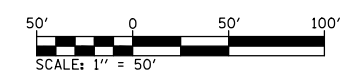
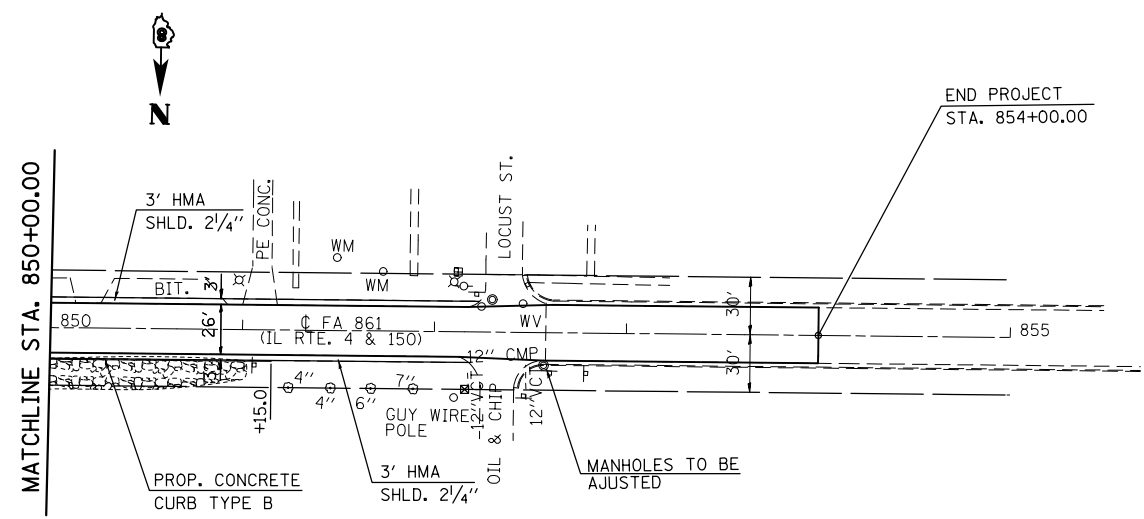
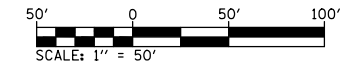
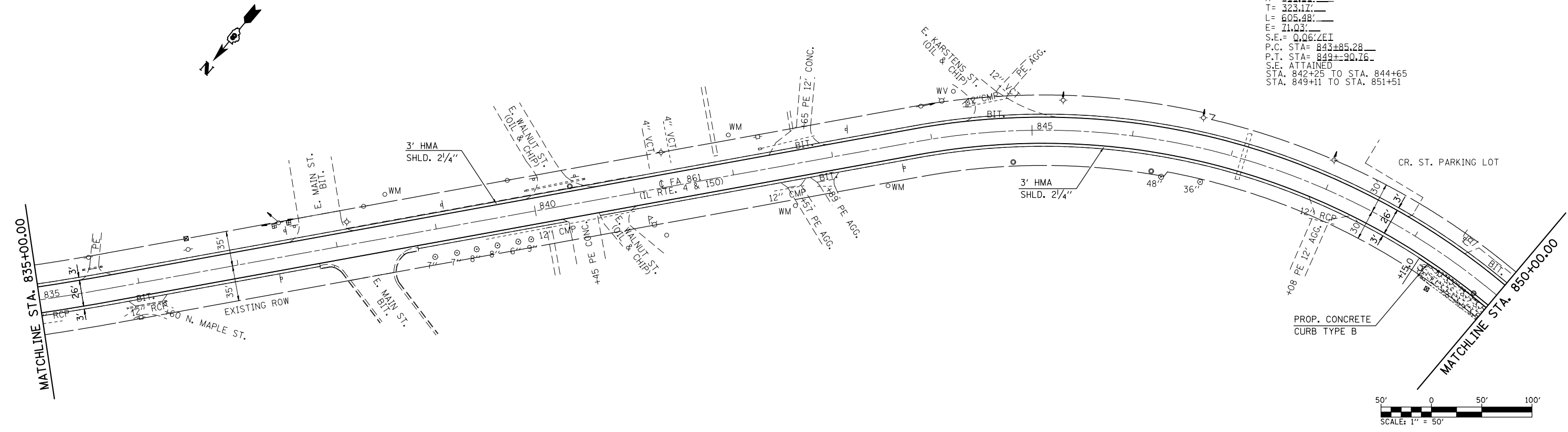


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	PLOT SCALE = #SCALE#	DRAWN - _____	REVISED - _____		SCALE: 1" = 50'	SHEET 4	OF 7 SHEETS	STA. 745+00.00	TO STA. 775+00.00	861	(110,111)RS-3	RANDOLPH	23	13
	PLOT DATE = #DATE#	CHECKED - _____	REVISED - _____											
		DATE - _____	REVISED - _____											
CONTRACT NO. 76G65												ILLINOIS FED. AID PROJECT		





CURVE  
 P.I. STA= 847+08.45  
 $\Delta$ = 49°35'03"  
 D= 08°11'21"  
 R= 622.66'  
 T= 323.17'  
 L= 605.48'  
 E= 71.03'  
 S.E.= 0.0642EI  
 P.C. STA= 843+85.28  
 P.T. STA= 849+90.76  
 S.E. ATTAINED  
 STA. 842+25 TO STA. 844+65  
 STA. 849+11 TO STA. 851+51

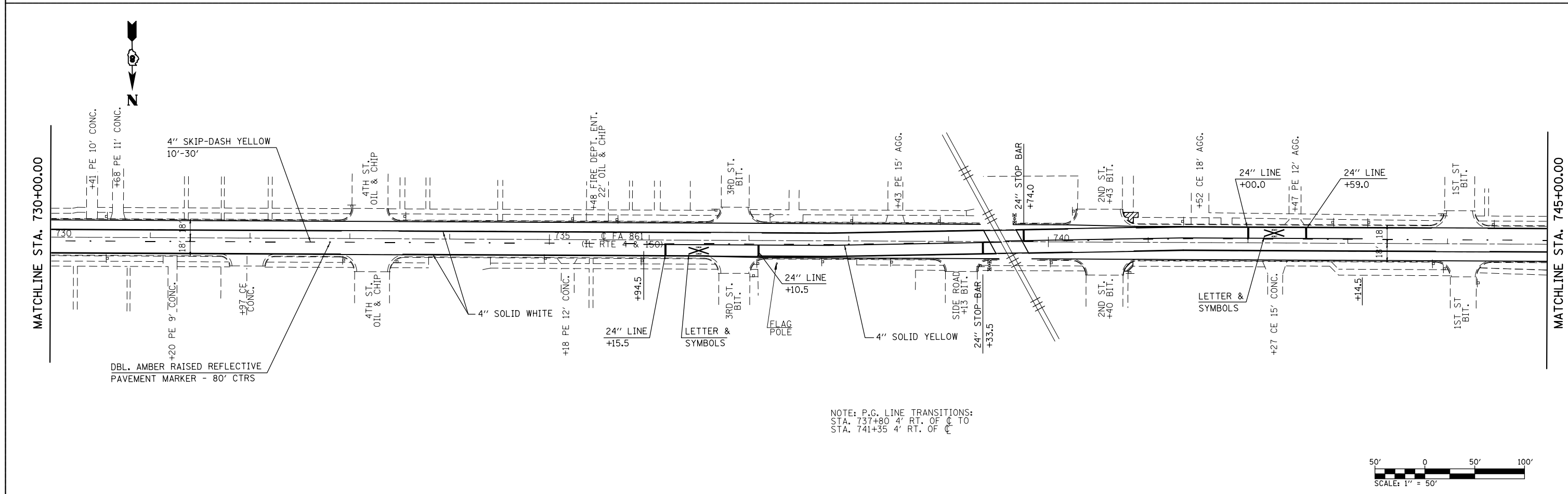
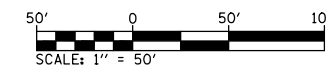
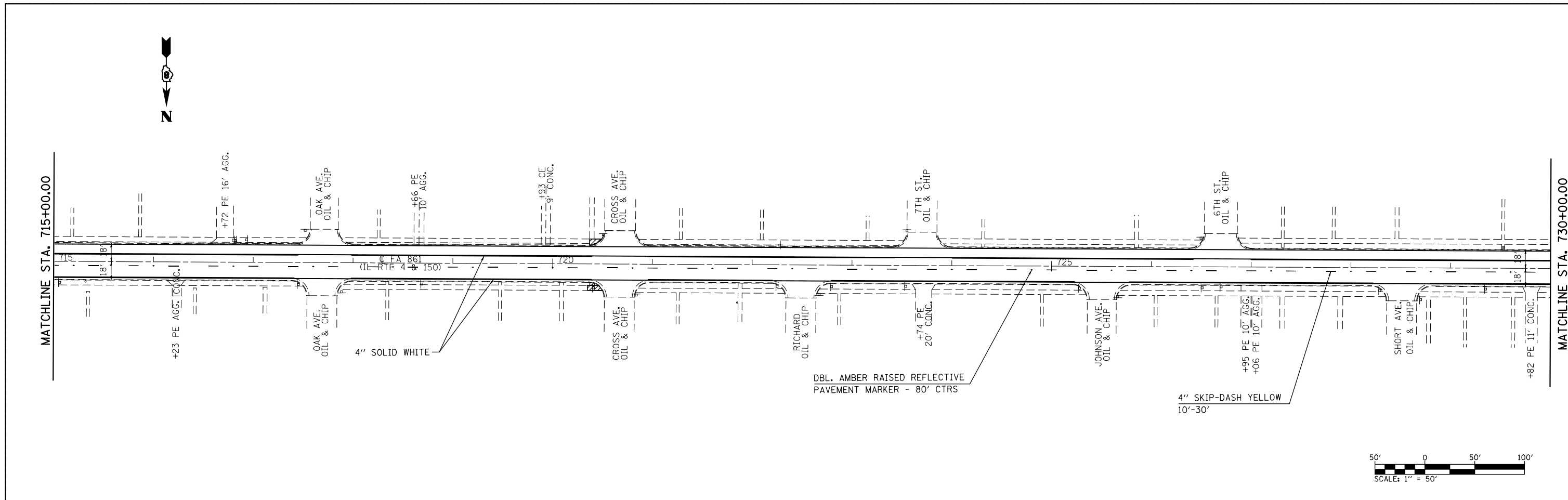


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*MODELNAME*	PLOT SCALE = *SCALE*	CHECKED - _____	REVISED - _____		SCALE: 1" = 50'	SHEET 7	OF 7 SHEETS	STA. 835+00.00	TO STA. 855+00.00	<b>CONTRACT NO. 76G65</b>		
	PLOT DATE = *DATE*	DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT							

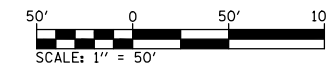




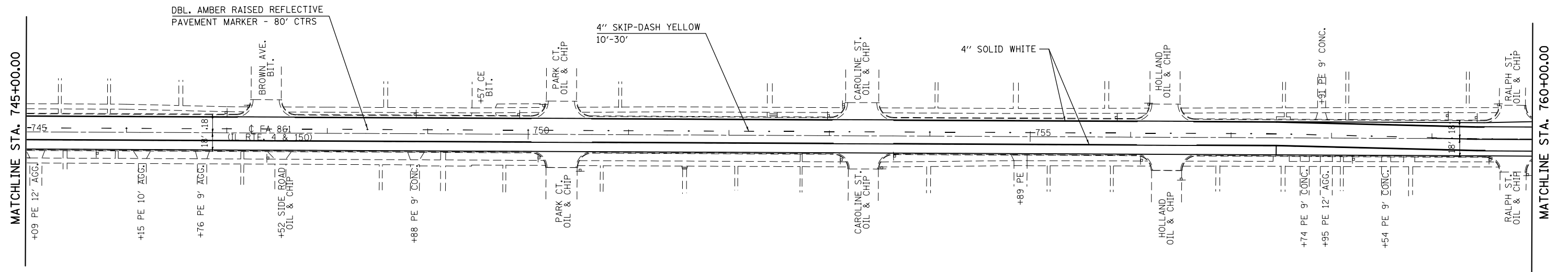




NOTE: P.G. LINE TRANSITIONS:  
 STA. 737+80 4' RT. OF C TO  
 STA. 741+35 4' RT. OF C

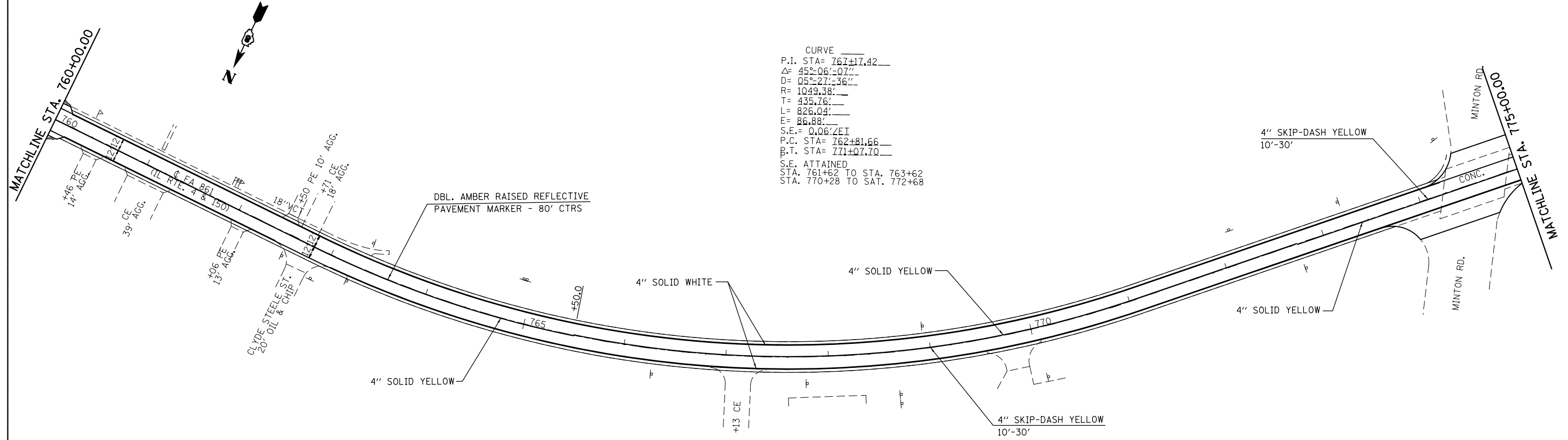


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*MODELNAME*	PLOT SCALE = *SCALE*	CHECKED - _____	REVISED - _____			SCALE: 1" = 50'	SHEET 3 OF 7 SHEETS	CONTRACT NO. 76G65		ILLINOIS FED. AID PROJECT	
	PLOT DATE = *DATE*	DATE - _____	REVISED - _____			STA. 715+00.00 TO STA. 745+00.00					



NOTE: P.G. LINE TRANSITIONS:  
 STA. 757+45 4' LT. OF C TO  
 STA. 759+45 4' LT. OF C

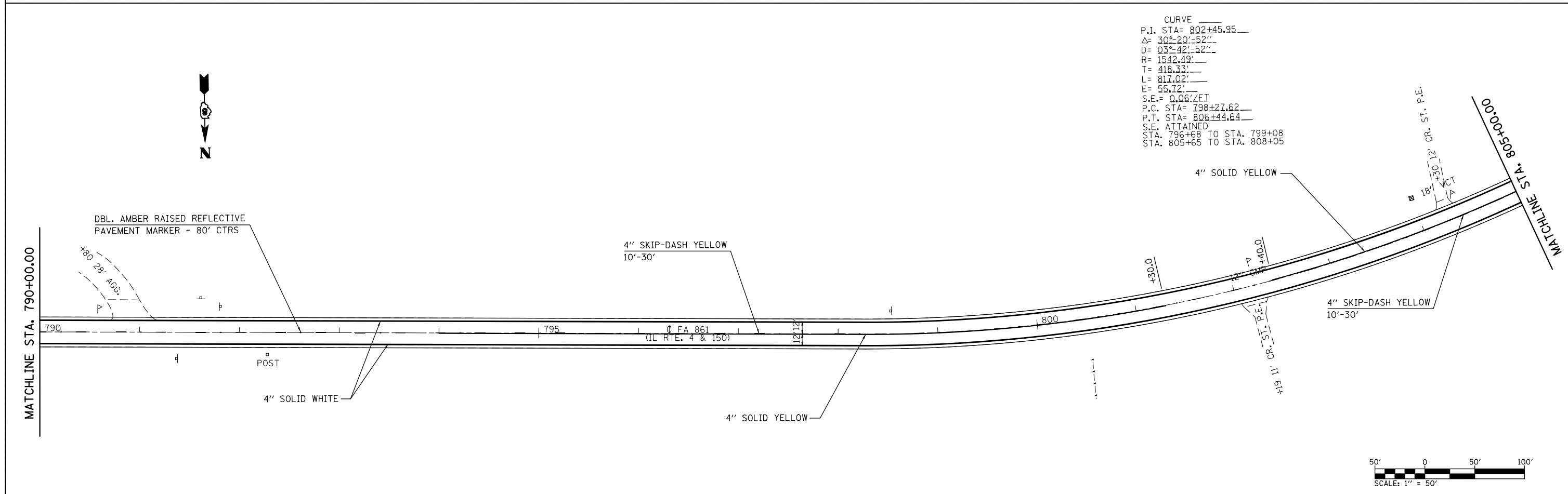
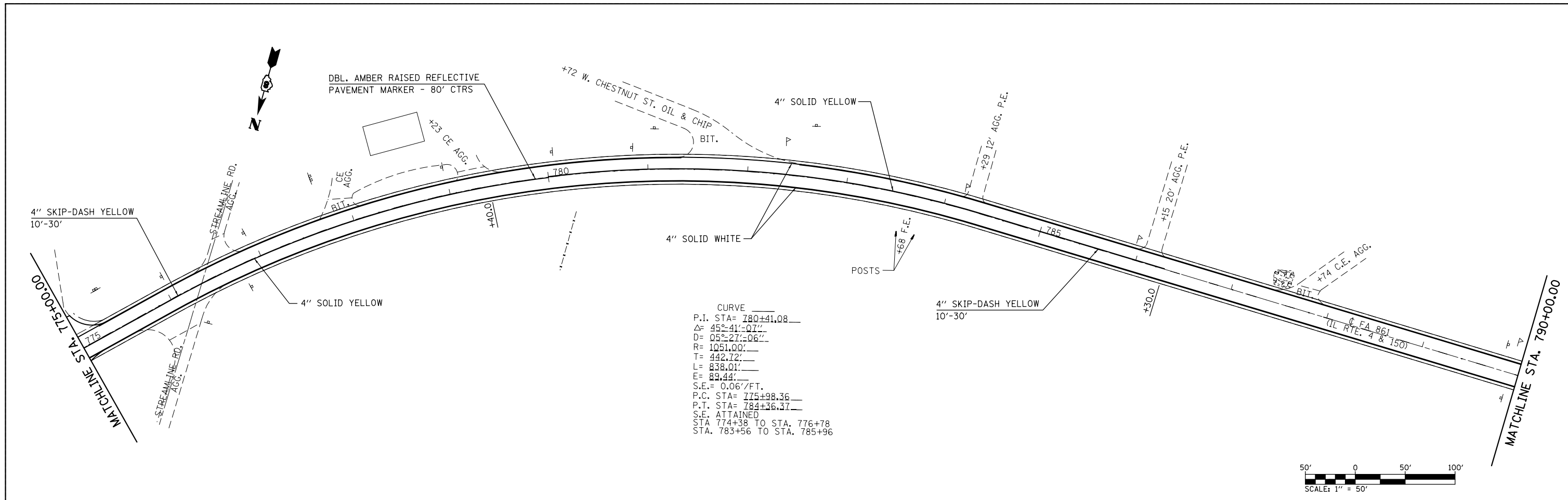
SCALE: 1" = 50'



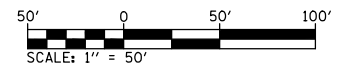
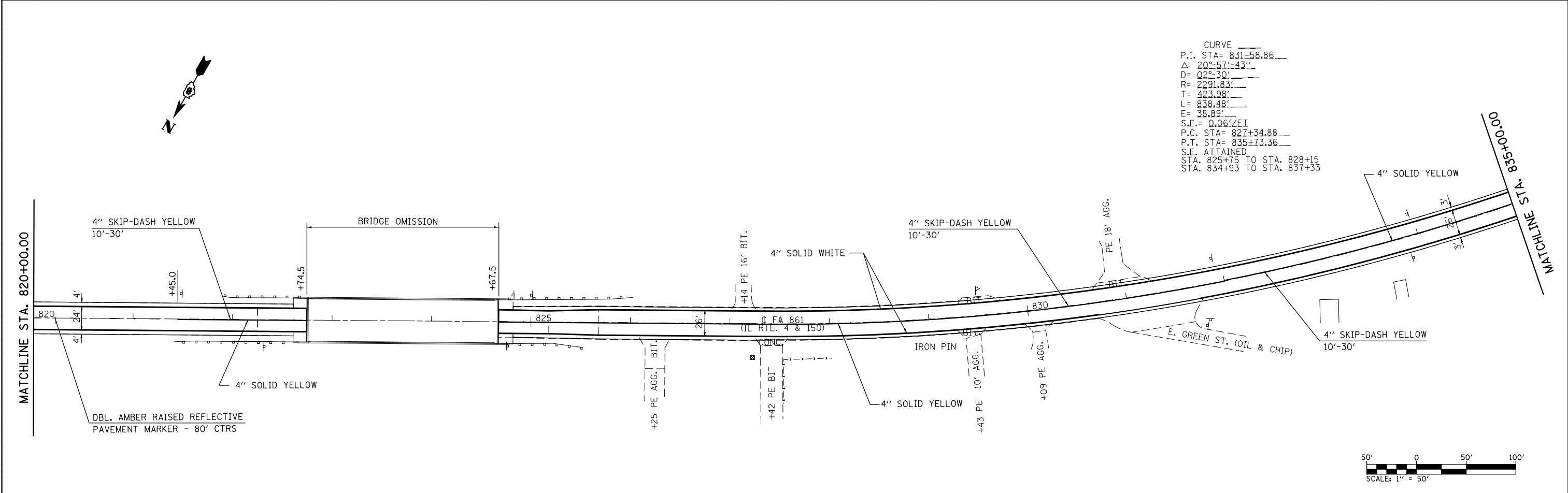
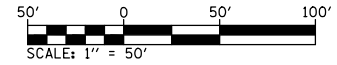
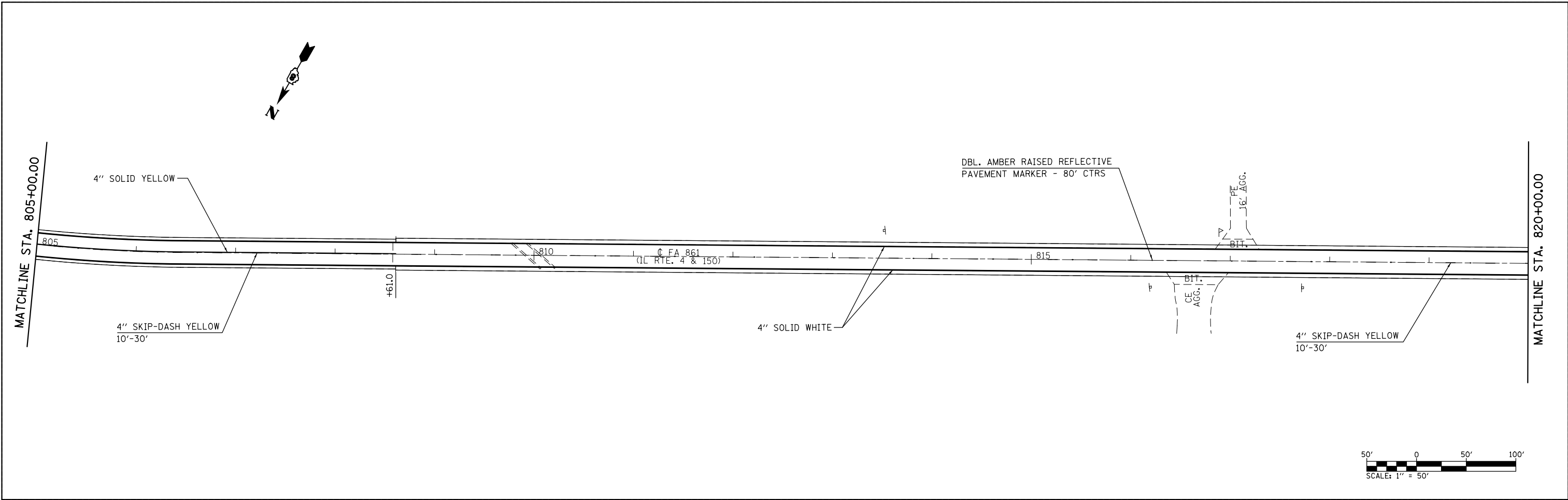
CURVE  
 P.I. STA= 767+17.42  
 $\Delta$ = 45°-06'-07"  
 D= 05°-27'-36"  
 R= 1049.38'  
 T= 435.76'  
 L= 826.04'  
 E= 86.88'  
 S.E.= 0.06/2EI  
 P.C. STA= 762+81.66  
 B.T. STA= 771+07.70  
 S.E. ATTAINED  
 STA. 761+62 TO STA. 763+62  
 STA. 770+28 TO STA. 772+68

SCALE: 1" = 50'

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN -	REVISED -					861	(110,111)RS-3	RANDOLPH	23	20
#MODELNAME#		CHECKED -	REVISED -					CONTRACT NO. 76G65				
	PLOT SCALE = #SCALE#	DATE -	REVISED -	SCALE: 1" = 50' SHEET 4 OF 7 SHEETS STA. 745+00.00 TO STA. 775+00.00			ILLINOIS FED. AID PROJECT					



FILE NAME =	USER NAME = #USER#	DESIGNED - _____	REVISED - _____	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN - _____	REVISED - _____		861	(110,111)RS-3	RANDOLPH	23	21			
#MODELNAME#	PLOT SCALE = #SCALE#	CHECKED - _____	REVISED - _____		SCALE: 1" = 50'    SHEET 5    OF 7    SHEETS    STA. 775+00.00    TO    STA. 805+00.00			CONTRACT NO. 76G65				
	PLOT DATE = #DATE#	DATE - _____	REVISED - _____		ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = *USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
*FILEL*		DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET 6	OF 7 SHEETS	STA. 805+00.00	TO STA. 835+00.00	861	(110,111)RS-3	RANDOLPH	23	22
*MODELNAME*	PLOT SCALE = *SCALE*	CHECKED -	REVISED -		<b>CONTRACT NO. 76G65</b>									
	PLOT DATE = *DATE*	DATE -	REVISED -		ILLINOIS FED. AID PROJECT									

