

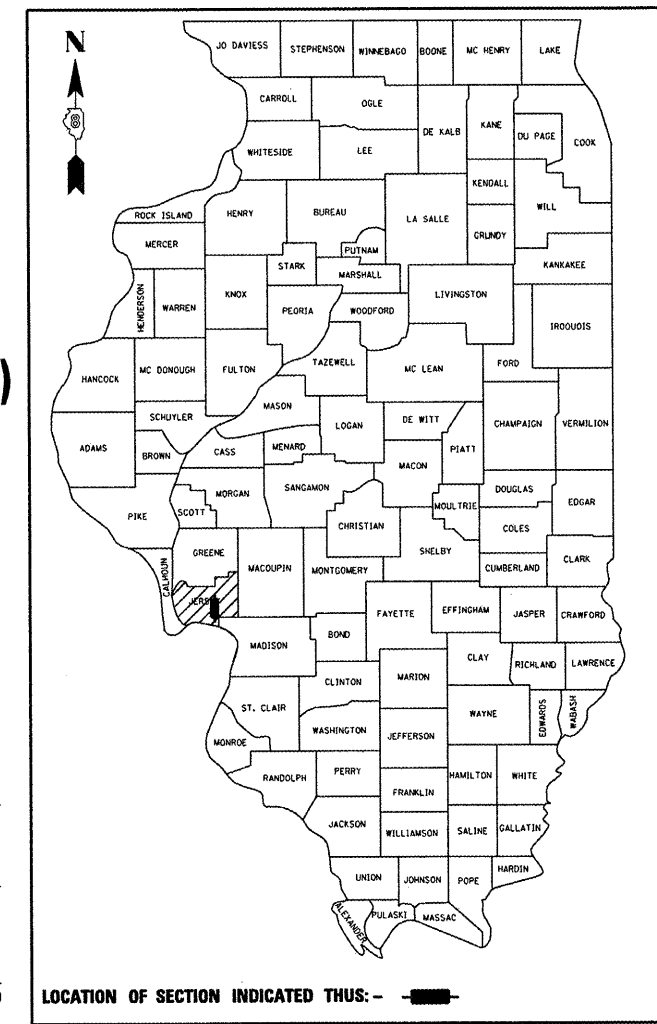
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PROPOSED  
HIGHWAY PLANS

F.A.S. ROUTE 747/F.A.U. ROUTE 8813 (ILLINOIS 109)  
SECTION (57,58,59)-I  
PROJECT : HSIP-000S(807)  
JERSEY COUNTY  
C-98-002-10  
SHOULDER & RUMBLE STRIP

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
747	(57,58,59)-I	JERSEY	22	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 76D39		

D-98-008-10



LOCATION OF SECTION INDICATED THUS: - ■ -

OTHER PRINCIPAL ARTERIAL  
F.A.S. 747 (IL 109)  
ADT (2009) = 5700  
ADT (2010) = 5800  
ADT (2030) = 7100  
PV=96.2% SU=2.2% MU=1.6%  
DESIGN SPEED = 55 MPH

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *Jan 22 20 10*  
*Mark C. James*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

*March 19 20 10*  
*Scott E. Stitt, P.E. lsc*  
ACTING ENGINEER OF DESIGN AND ENVIRONMENT

*March 19 20 10*  
*Christine M. Reed lsc*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

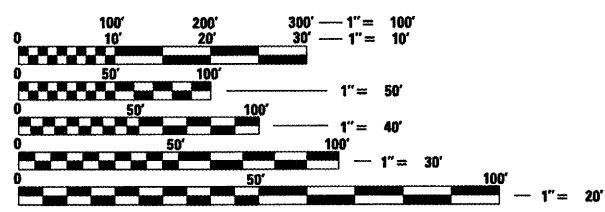


*James Paul Biggers*  
JAMES PAUL BIGGERS, P.E.  
DATE 01/06/10  
LICENSE EXPIRES 11/30/11

PLANS PREPARED BY:



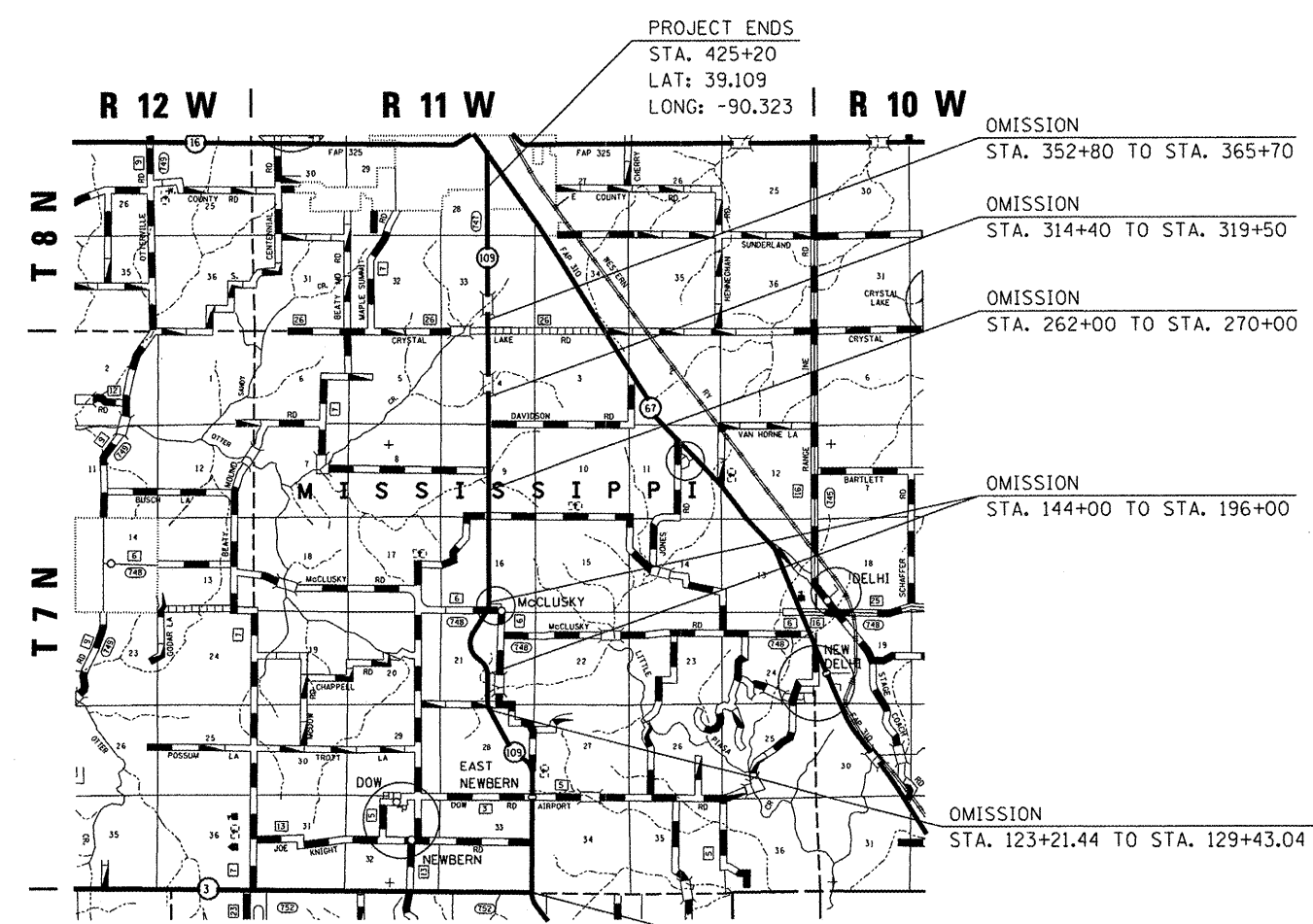
**JOHNSON, DEPP & QUISENBERRY**  
CONSULTING ENGINEERS  
6450 South Sixth Street Road, Suite B Springfield, Illinois 62712  
Phone: (217) 529-4534 Fax: (217) 529-8278



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: PATTI LEBEAU (618)346-3179  
PROJECT MANAGER: CHERYL KEPLAR (618)346-3186  
CONTRACT NO. 76D39



LOCATION MAP

2 MILES 0 2 4  
PROJECT BEGINS STA. 10+00 LAT: 39.000 LONG: -90.314

GROSS LENGTH = 41,520.00 FEET = 7.864 MILES  
NET LENGTH = 33,098.40 FEET = 6.269 MILES

## INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, COMMITMENTS
3	SUMMARY OF QUANTITIES
4-5	TYPICAL SECTIONS
6	SCHEDULES OF QUANTITIES
7-21	PLAN SHEETS
22	DETAILS

## HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
642001-01	SHOULDER RUMBLE STRIPS
701006-01	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701011-02	OFF-ROAD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-03	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH
701901-01	TRAFFIC CONTROL DEVICES

## GENERAL NOTES

1. THE STANDARDS AND REVISION NUMBERS LISTED SHALL APPLY TO THIS PROJECT.

2. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO 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 CIPS	AERIAL, BURIED
•AT&T ILLINOIS	AERIAL, BURIED
•AT&T CORPORATION	BURIED
•FRONTIER COMMUNICATIONS COMPANY	AERIAL, BURIED
•GRAFTON COMMUNICATIONS	AERIAL, BURIED
•GREENE COUNTY CABLEVISION	AERIAL, BURIED
•JERSEY COUNTY RURAL WATER COMPANY	BURIED
•CITY OF JERSEYVILLE	BURIED
•M.J.M. ELECTRIC COOPERATIVE, INC.	AERIAL
•NUSTAR PIPELINE OPERATING PARTNERSHIP L.P.	BURIED

(MEMBERS OF J.U.L.I.E. (800)892-0123 ARE INDICATED BY \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.)

3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

4. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

5. FLAGGERS SHALL BE PRESENT DURING ALL CLOSURE HOURS, INCLUDING LUNCH HOUR, AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.

6. "ROAD CONSTRUCTION AHEAD" SIGNS SHALL BE PLACED AT EACH END OF THE PROJECT PLUS THE INTERSECTING SIDEROADS, AND WILL BE CONSIDERED INCLUDED IN THE TRAFFIC CONTROL PAY ITEMS. ALL CONSTRUCTION SIGNS SHALL BE 48" X 48" FLUORESCENT ORANGE.

7. ALL TRAFFIC CONTROL DEVICES AS HEREIN SPECIFIED AND ANY ADDITIONAL TRAFFIC CONTROL DEVICES AND FLAGGERS AS DEEMED NECESSARY BY THE RESIDENT ENGINEER SHALL BE INCLUDED IN THE COST OF THE CONTRACT TRAFFIC CONTROL PAY ITEMS.

8. ALL EXCAVATION ADJACENT TO THE EDGE OF PAVEMENT SHALL BE PROTECTED WITH EXTENDED LEG BARRICADES AND APPROPRIATE LIGHTS.

9. A QUANTITY OF AGGREGATE FOR TEMPORARY ACCESS IS PROVIDED TO ALLOW FOR TEMPORARY ACCESS TO ENTRANCES.

10. A QUANTITY OF EARTH EXCAVATION IS PROVIDED FOR EARTHWORK REQUIRED FOR THE CONSTRUCTION OF HOT-MIX ASPHALT SHOULDERS. TRENCHES SHALL BE FILLED THE SAME DAY.

11. IT IS NOT THE INTENT OF THIS PROJECT TO REGRADE SIDE SLOPES OR DITCHES, THE WIDTH OF THE PROPOSED SHOULDER MAY BE REDUCED TO 2', AS DIRECTED BY THE ENGINEER, IN ORDER TO AVOID ANY DISTURBANCE TO SIDE SLOPES AND DITCHES.

12. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT CONTRACTOR EXPENSE.

13. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE.

14. THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE	SHOULDER
AC/PG	PG 64-22
RAP % (MAX)	30%
DESIGN AIR VOIDS	N30 @ 2.0%
MIX COMPOSITION	BAM
FRICITION AGGREGATE	

NOTE: TOP LIFT SHOULDERS - DESIGN MIX AT 2.0% AND ADD ASPHALT TO REDUCE VOIDS TO 1.5%.

15. PER ARTICLE 481.07 PRIOR TO PLACING THE AGGREGATE WEDGE SHOULDER TYPE B, THE CONTRACTOR SHALL CUT THE WEEDS AND GRASS ON THE AREA TO BE COVERED. COST IS INCLUDED IN AGGREGATE WEDGE SHOULDER, TYPE B AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

## COMMITMENTS

NONE

FILE NAME =	USER NAME = PDR	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS GENERAL NOTES, COMMITMENTS</b>				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
...D876039-ahtr-gennote.dgn		DRAWN -	REVISED -		747	(57,58,59)-I	JERSEY	22	2				
 Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois	PLOT SCALE = 48.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 76D39								
	PLOT DATE = 01/06/2010 16:18:02	DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	[ILLINOIS] FED. AID PROJECT					

# SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		SFTY-2A 90% FED 10% STATE URBAN	SFTY-2A 90% FED 10% STATE RURAL	CODE NO	ITEM	UNIT		-----	-----	-----
20200100	EARTH EXCAVATION	CU YD	4415	880	3535							
25000210	SEEDING, CLASS 2A	ACRE	1.5	0.3	1.2							
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	135	26	109							
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	135	26	109							
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	135	26	109							
25100115	MULCH, METHOD 2	ACRE	1.5	0.3	1.2							
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	10	2	8							
44004250	PAVED SHOULDER REMOVAL	SQ YD	224	0	224							
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	266	49	217							
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	22073	4276	17797							
64200105	SHOULDER RUMBLE STRIP	FOOT	64500	52006	12494							
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	1	5							
67100100	MOBILIZATION	L SUM	1	0.2	0.8							
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.2	0.8							
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0.2	0.8							
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	5	1	4							
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	64500	52006	12494							
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	21498	4085	17413							
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	64500	52006	12494							

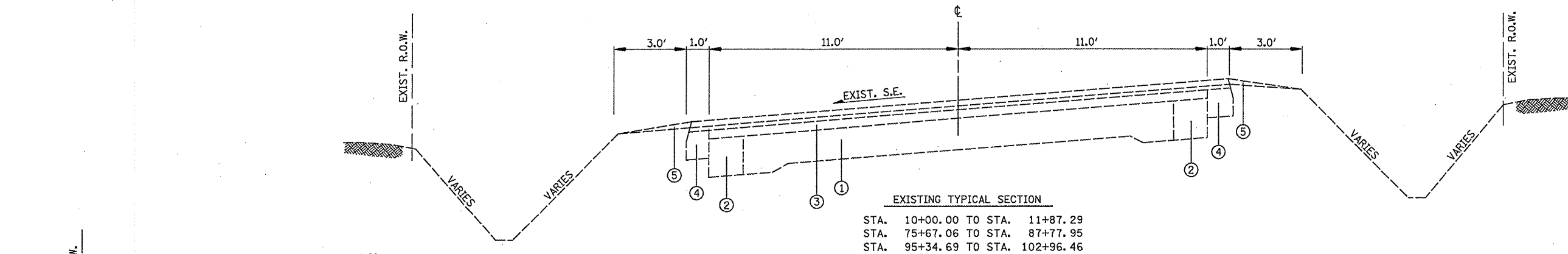
\*Specialty Items

FILE NAME	USER NAME	DESIGNED	REVISED	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>	P.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILE#		DRAWN	REVISED			747	(57.58.59)-1	JERSEY	22	3
		CHECKED	REVISED							
		DATE	REVISED							
PLOT SCALE # SCALE#		PLOT DATE # DATE#		SCALE: _____ SHEET NO. 1 OF 1 SHEETS STA. _____ TO STA. _____		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
CONTRACT NO. 76039										

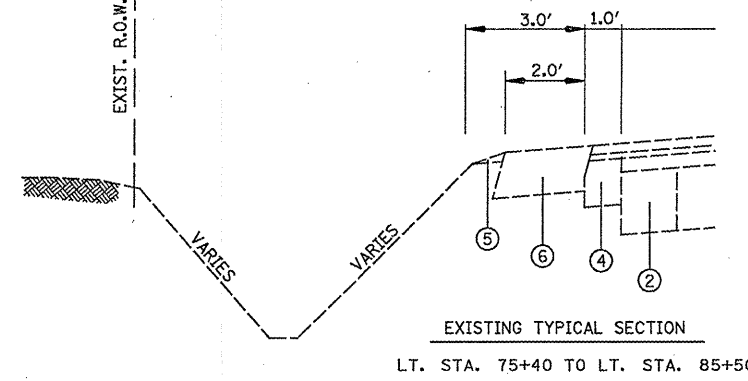
OMISSION LIMITS

(NO TYPICALS SHOWN - NO PROPOSED WORK)

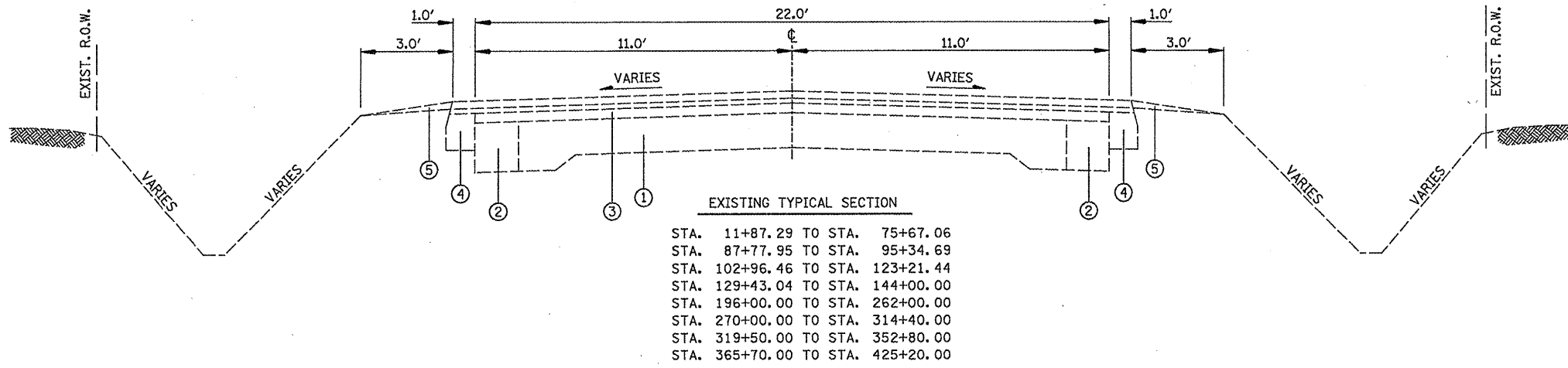
- STA. 123+21.44 TO STA. 129+43.04 (EXISTING SAFETY SHOULDERS)
- STA. 144+00.00 TO STA. 196+00.00 (EXISTING SAFETY SHOULDERS)
- STA. 262+00.00 TO STA. 270+00.00 (NARROW GUARDRAIL - OMIT)
- STA. 314+40.00 TO STA. 319+50.00 (EXISTING WIDE SHOULDERS - S.N. 042-0025)
- STA. 352+80.00 TO STA. 365+70.00 (EXISTING WIDE SHOULDERS - S.N. 042-0020)



EXISTING TYPICAL SECTION  
 STA. 10+00.00 TO STA. 11+87.29  
 STA. 75+67.06 TO STA. 87+77.95  
 STA. 95+34.69 TO STA. 102+96.46



EXISTING TYPICAL SECTION  
 LT. STA. 75+40 TO LT. STA. 85+50



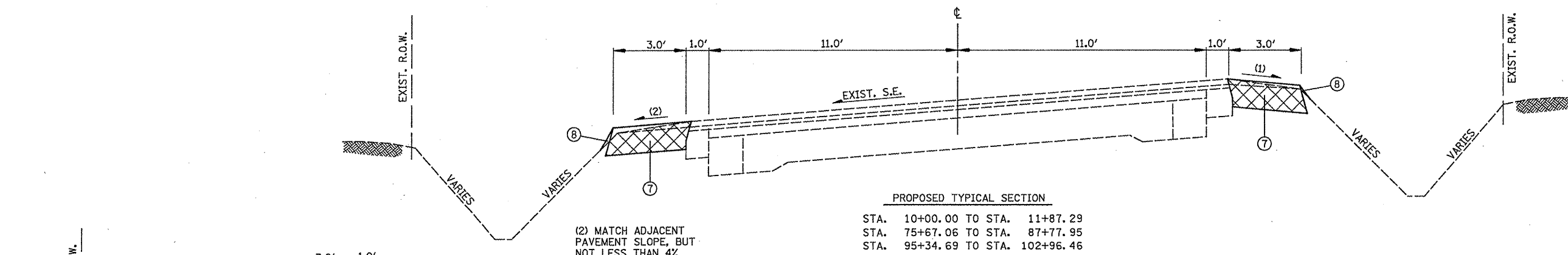
EXISTING TYPICAL SECTION  
 STA. 11+87.29 TO STA. 75+67.06  
 STA. 87+77.95 TO STA. 95+34.69  
 STA. 102+96.46 TO STA. 123+21.44  
 STA. 129+43.04 TO STA. 144+00.00  
 STA. 196+00.00 TO STA. 262+00.00  
 STA. 270+00.00 TO STA. 314+40.00  
 STA. 319+50.00 TO STA. 352+80.00  
 STA. 365+70.00 TO STA. 425+20.00

- ① EXISTING P.C.C. PAVEMENT (9'-6"-9')
- ② EXISTING P.C.C. WIDENING (8')
- ③ EXISTING HMA OVERLAY (4 1/2"±)
- ④ EXISTING HMA WIDENING (8')
- ⑤ EXISTING AGGREGATE SHOULDER WEDGE TYPE A
- ⑥ EXISTING HMA SHOULDER
- ⑦ PROPOSED HMA SHOULDERS 8'
- ⑧ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B

**OMISSION LIMITS**

(NO TYPICALS SHOWN - NO PROPOSED WORK)

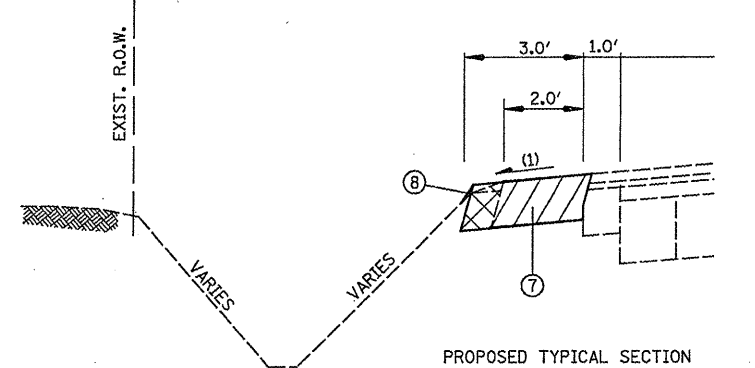
- STA. 123+21.44 TO STA. 129+43.04 (EXISTING SAFETY SHOULDERS)
- STA. 144+00.00 TO STA. 196+00.00 (EXISTING SAFETY SHOULDERS)
- STA. 262+00.00 TO STA. 270+00.00 (NARROW GUARDRAIL - OMIT)
- STA. 314+40.00 TO STA. 319+50.00 (EXISTING WIDE SHOULDERS - S.N. 042-0025)
- STA. 352+80.00 TO STA. 365+70.00 (EXISTING WIDE SHOULDERS - S.N. 042-0020)



**PROPOSED TYPICAL SECTION**

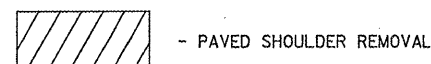
- STA. 10+00.00 TO STA. 11+87.29
- STA. 75+67.06 TO STA. 87+77.95
- STA. 95+34.69 TO STA. 102+96.46

(2) MATCH ADJACENT PAVEMENT SLOPE, BUT NOT LESS THAN 4%

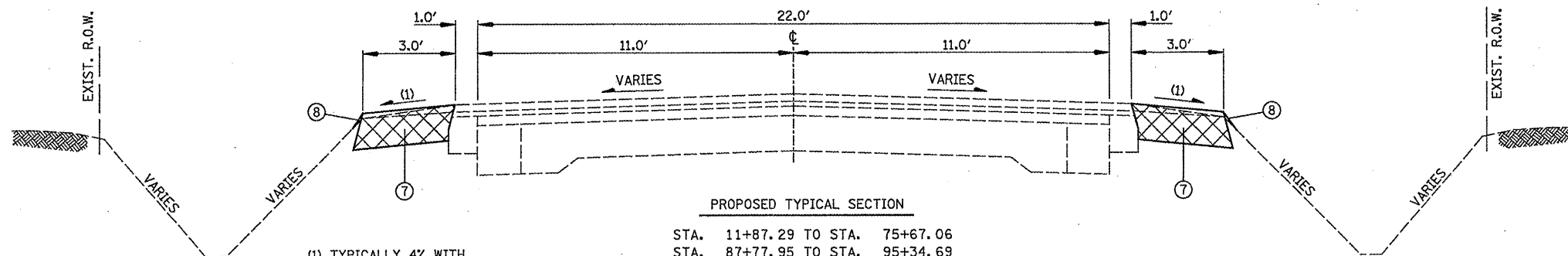


**PROPOSED TYPICAL SECTION**

LT. STA. 75+40 TO LT. STA. 85+50



- PAVED SHOULDER REMOVAL

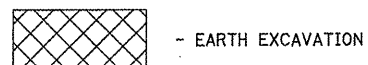


**PROPOSED TYPICAL SECTION**

- STA. 11+87.29 TO STA. 75+67.06
- STA. 87+77.95 TO STA. 95+34.69
- STA. 102+96.46 TO STA. 123+21.44
- STA. 129+43.04 TO STA. 144+00.00
- STA. 196+00.00 TO STA. 262+00.00
- STA. 270+00.00 TO STA. 314+40.00
- STA. 319+50.00 TO STA. 352+80.00
- STA. 365+70.00 TO STA. 425+20.00

(1) TYPICALLY 4% WITH MAXIMUM NOT TO EXCEED 8% ROLLOVER

- ① EXISTING P.C.C. PAVEMENT (9"-6"-9")
- ② EXISTING P.C.C. WIDENING (8")
- ③ EXISTING HMA OVERLAY (4 1/2")
- ④ EXISTING HMA WIDENING (8")
- ⑤ EXISTING AGGREGATE SHOULDER WEDGE TYPE A
- ⑥ EXISTING HMA SHOULDER
- ⑦ PROPOSED HMA SHOULDERS 8"
- ⑧ PROPOSED AGGREGATE WEDGE SHOULDER, TYPE B



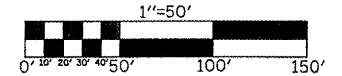
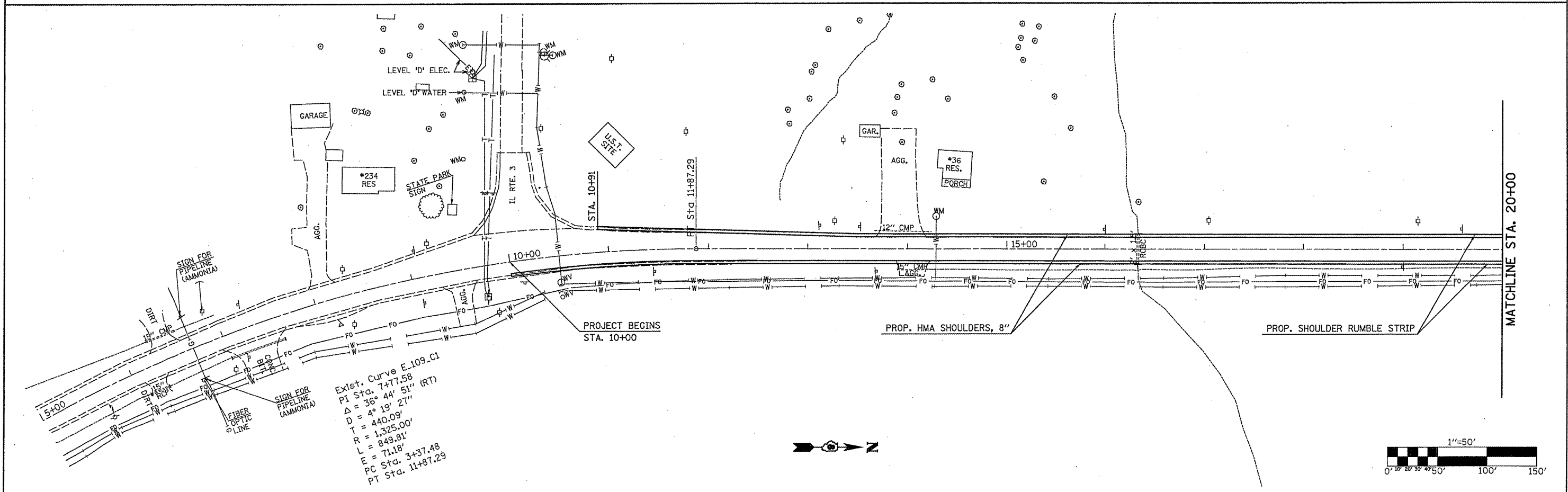
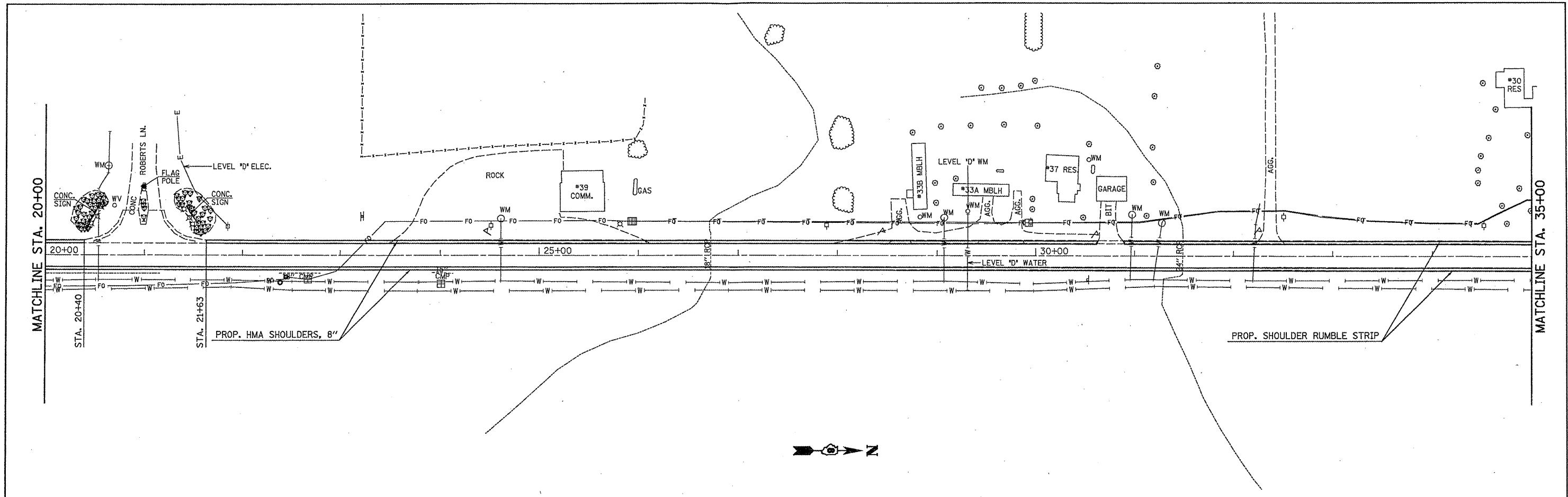
- EARTH EXCAVATION

NOTE: SHOULDER WILL BE REDUCED TO 2' AT THE FOLLOWING AREAS, AS DIRECTED BY THE ENGINEER:

- LT. STA. 12+00 TO LT. STA. 20+00
- RT. STA. 65+00 TO RT. STA. 67+25
- LT. STA. 116+00 TO LT. STA. 123+00
- LT. STA. 130+00 TO LT. STA. 136+50
- LT. STA. 139+50 TO LT. STA. 144+00
- LT. STA. 239+00 TO LT. STA. 239+80
- LT. STA. 258+75 TO LT. STA. 259+10
- RT. STA. 397+50 TO RT. STA. 398+50
- LT. STA. 405+00 TO LT. STA. 416+00

NOTE: SHOULDER RUMBLE STRIPS SHALL BE INSTALLED PER STANDARD 642001 ON BOTH SHOULDERS.

SHOULDER SCHEDULE								
LOCATION	EARTH EXCAVATION	AGGREGATE WEDGE SHOULDER TYPE B	HOT-MIX ASPHALT SHOULDERS 8"	SHOULDER RUMBLE STRIP	PAVED SHOULDER REMOVAL			
	CU YD	TON	SQ YD	FOOT	SQ YD			
STA. 10+00 TO STA. 21+00	147	8.6	701	2049				
STA. 21+00 TO STA. 36+15	202	16.7	993	2902				
STA. 36+15 TO STA. 62+95	357	21.4	1799	5256				
STA. 62+95 TO STA. 77+70	197	11.6	955	2791				
LT. STA. 75+40 TO LT. STA. 85+50					224			
STA. 77+70 TO STA. 123+21.44	607	36.8	3082	9007				
STA. 123+21.44 TO STA. 129+43.04	0	M	I	S	S	I	0	N
STA. 129+43.04 TO STA. 144+00	194		11.8	997	2914			
STA. 144+00 TO STA. 196+00	0	M	I	S	S	I	0	N
STA. 196+00 TO STA. 240+10	588		34.7	3006	8785			
STA. 240+10 TO STA. 262+00	292		17.8	1432	4183			
STA. 262+00 TO STA. 270+00	0	M	I	S	S	I	0	N
STA. 270+00 TO STA. 293+20	309		18.6	1583	4627			
STA. 293+20 TO STA. 314+40	283		18.0	1446	4224			
STA. 314+40 TO STA. 319+50	0	M	I	S	S	I	0	N
STA. 319+50 TO STA. 346+25	357		21.3	1803	5268			
STA. 346+25 TO STA. 352+80	87		4.8	437	1277			
STA. 352+80 TO STA. 365+70	0	M	I	S	S	I	0	N
STA. 365+70 TO STA. 413+90	643		36.8	3157	9224			
STA. 413+90 TO STA. 419+75	78		3.9	356	1039			
STA. 419+75 TO STA. 422+70	39		1.9	172	503			
STA. 422+70 TO STA. 425+20	33		1.7	154	451			
TOTAL =	4415		266	22073	64500			224

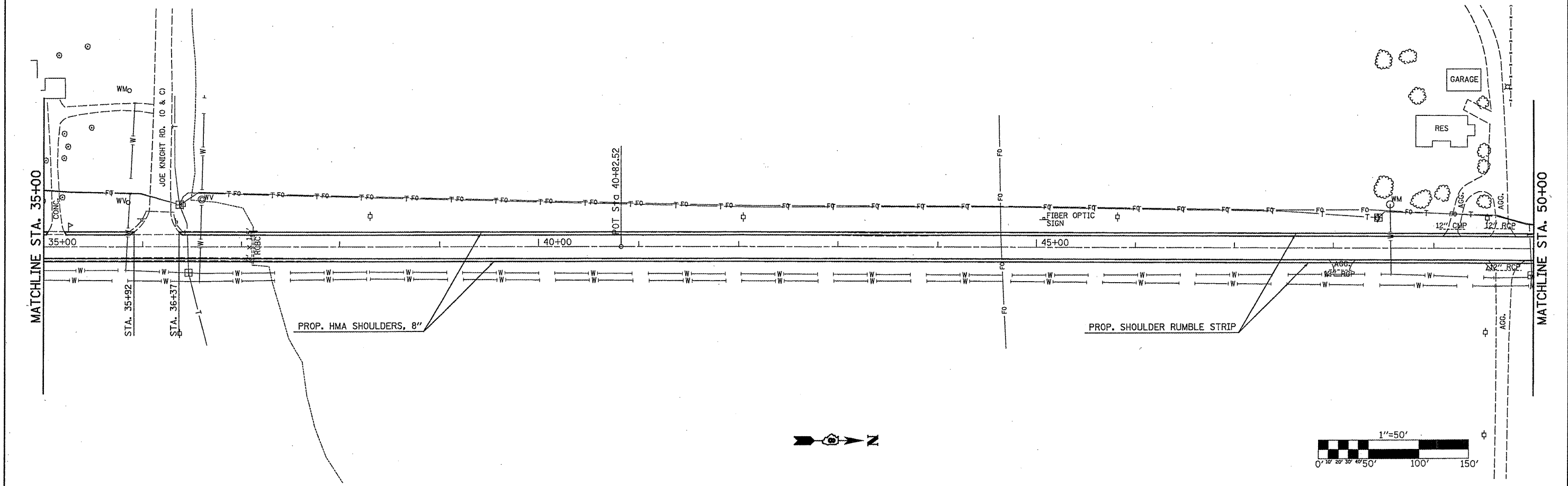
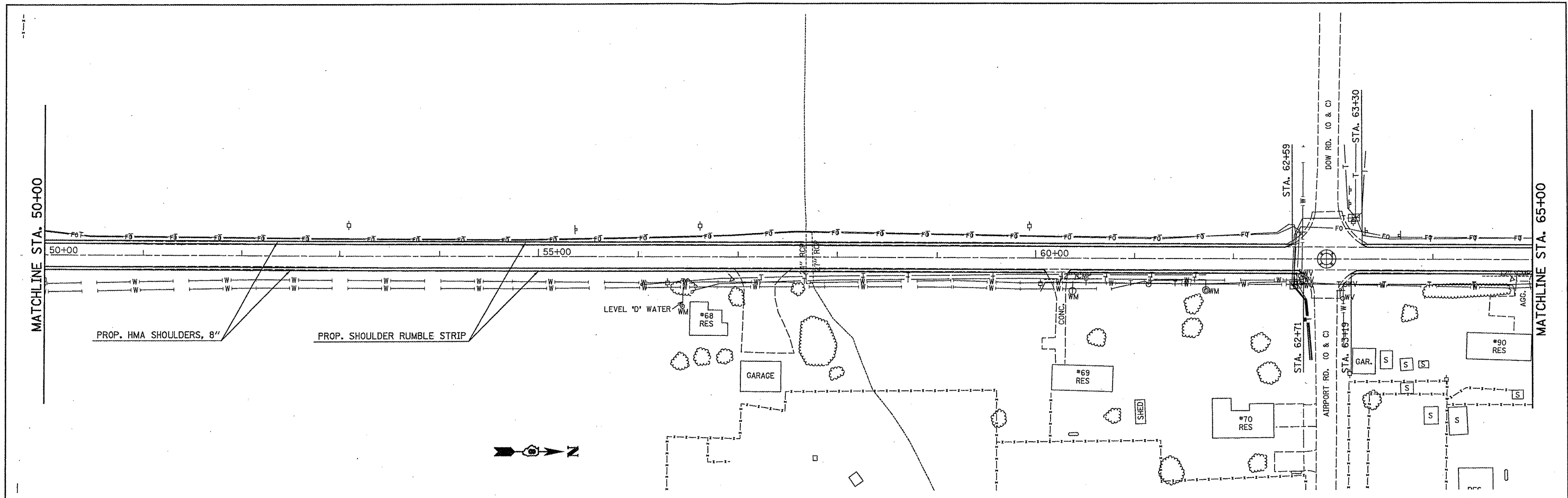


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		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET FAS 747 (ILLINOIS 109)</b>			
SCALE: 1" = 50'	SHEET NO.	OF SHEETS	STA. 5+00 TO STA. 35+00

F.A.S. RTE. 747	SECTION (57,58,59)-I	COUNTY JERSEY	TOTAL SHEETS 22	SHEET NO. 7
CONTRACT NO. 76D39				
ILLINOIS FED. AID PROJECT				



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 Johnson, Depp & Quisenberry  
 CONSULTING ENGINEERS  
 Springfield, Illinois

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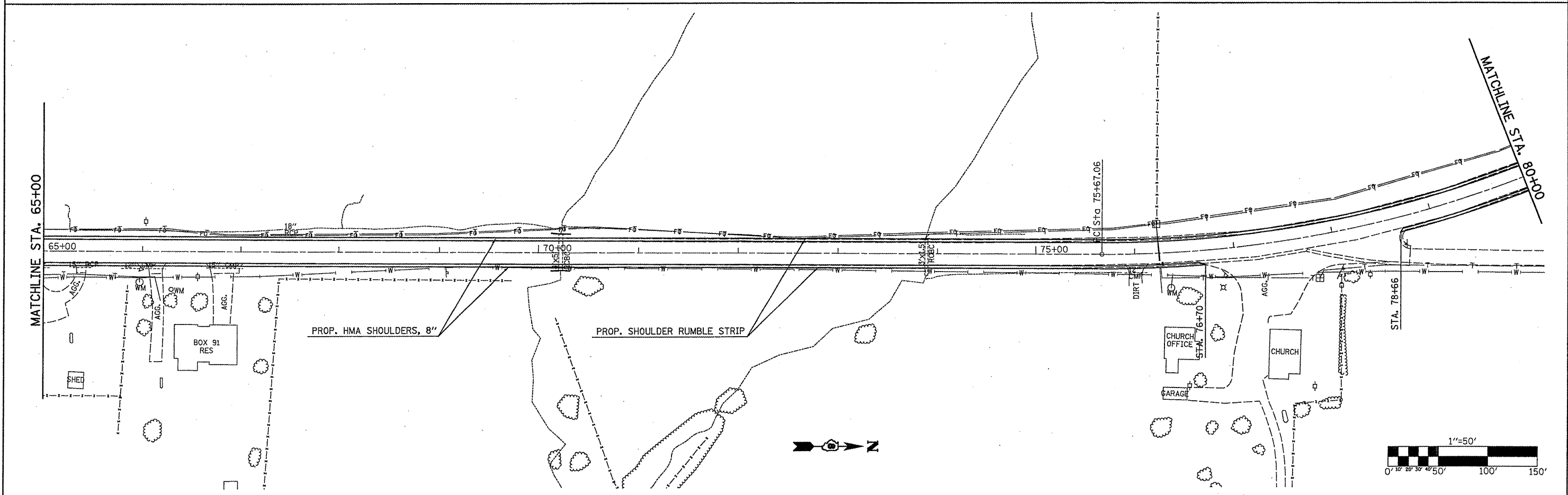
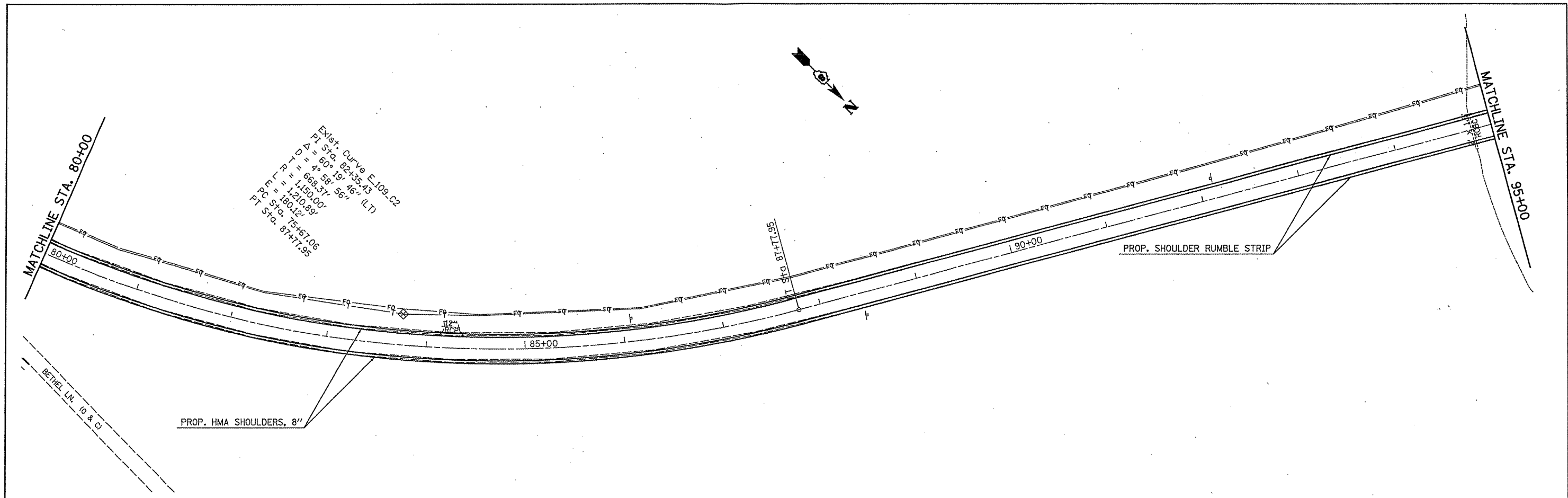
REVISED -  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET FAS 747 (ILLINOIS 109)  
 SCALE: 1" = 50'  
 SHEET NO. OF SHEETS STA. 35+00 TO STA. 65+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
747	(57,58,59)-I	JERSEY	22	8
CONTRACT NO. 76039				
ILLINOIS FED. AID PROJECT				





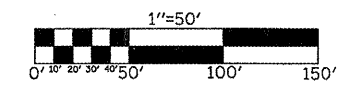
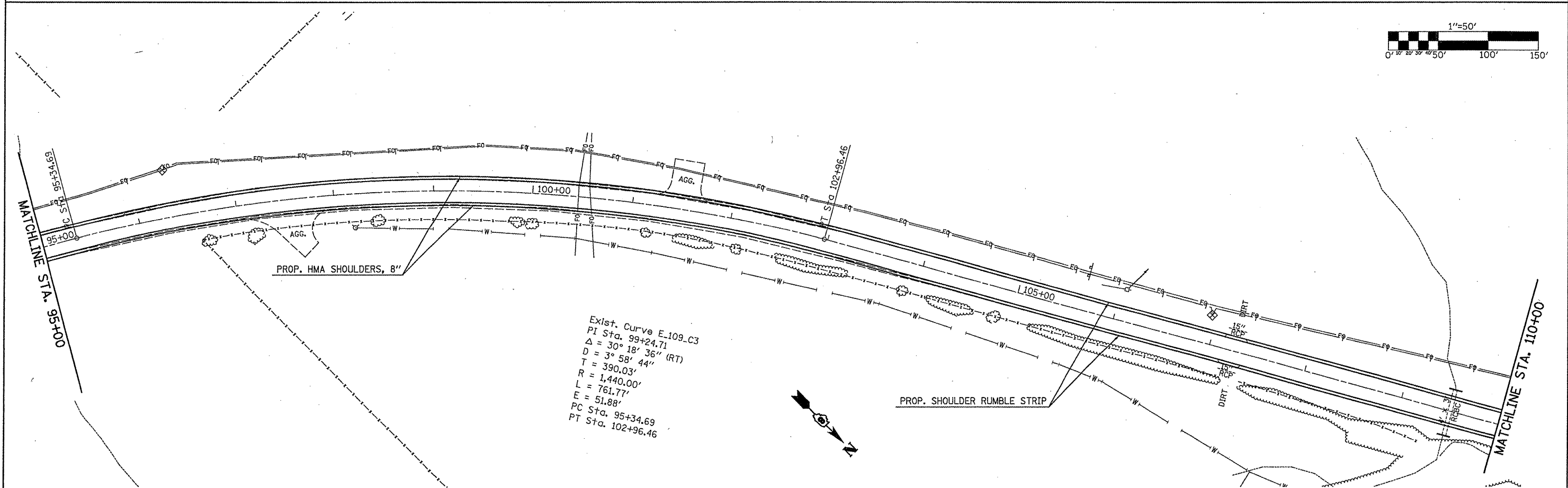
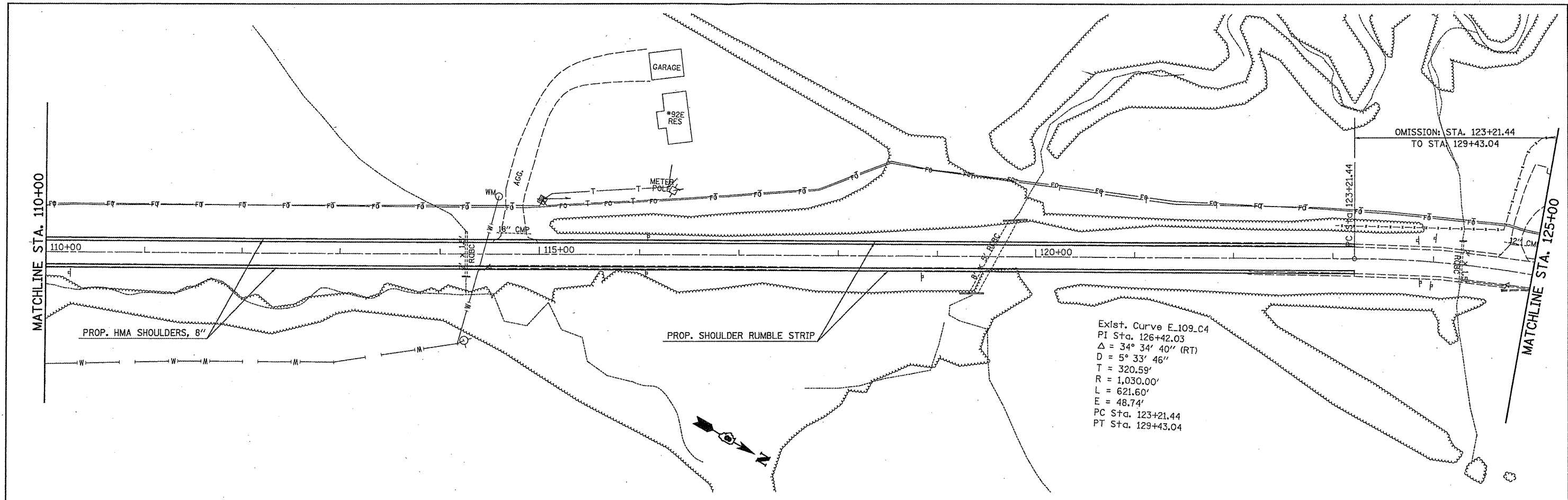
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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET FAS 747 (ILLINOIS 109)**

SCALE: 1" = 50'    SHEET NO.    OF    SHEETS    STA. 65+00 TO STA. 95+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
747	(57,58,59)-I	JERSEY	22	9
CONTRACT NO. 76D39				
ILLINOIS FED. AID PROJECT				



FILE NAME = ...AD876039-ah-plot.dgn  
 Johnson, Depp & Gilsenberry  
 CONSULTING ENGINEERS  
 Springfield, Illinois

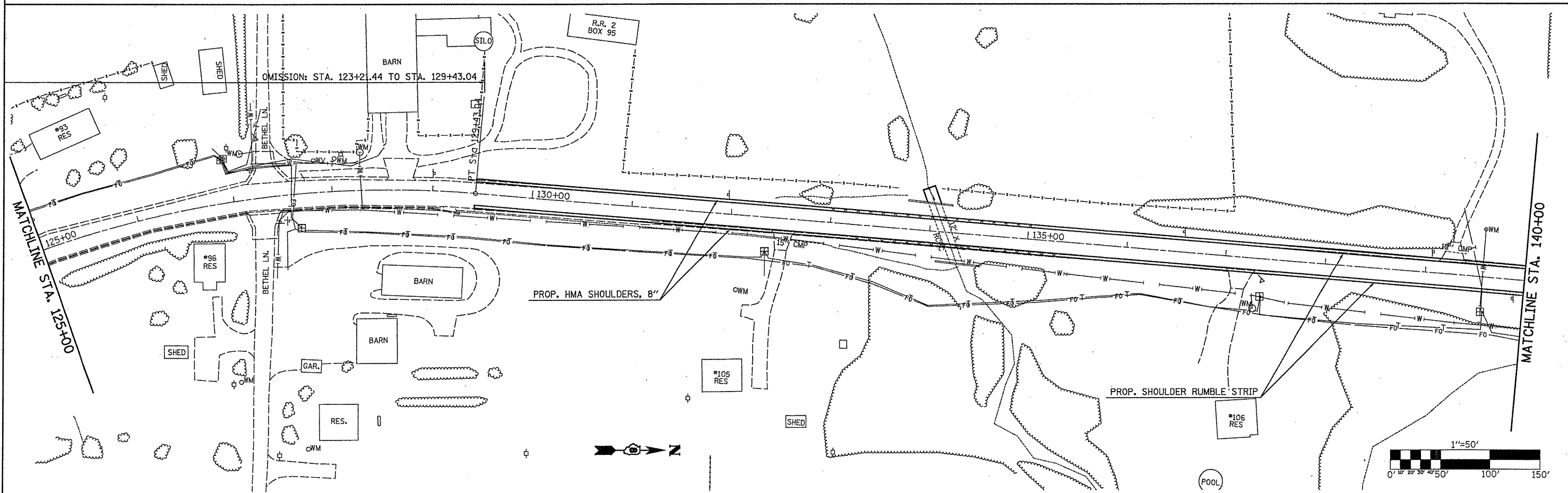
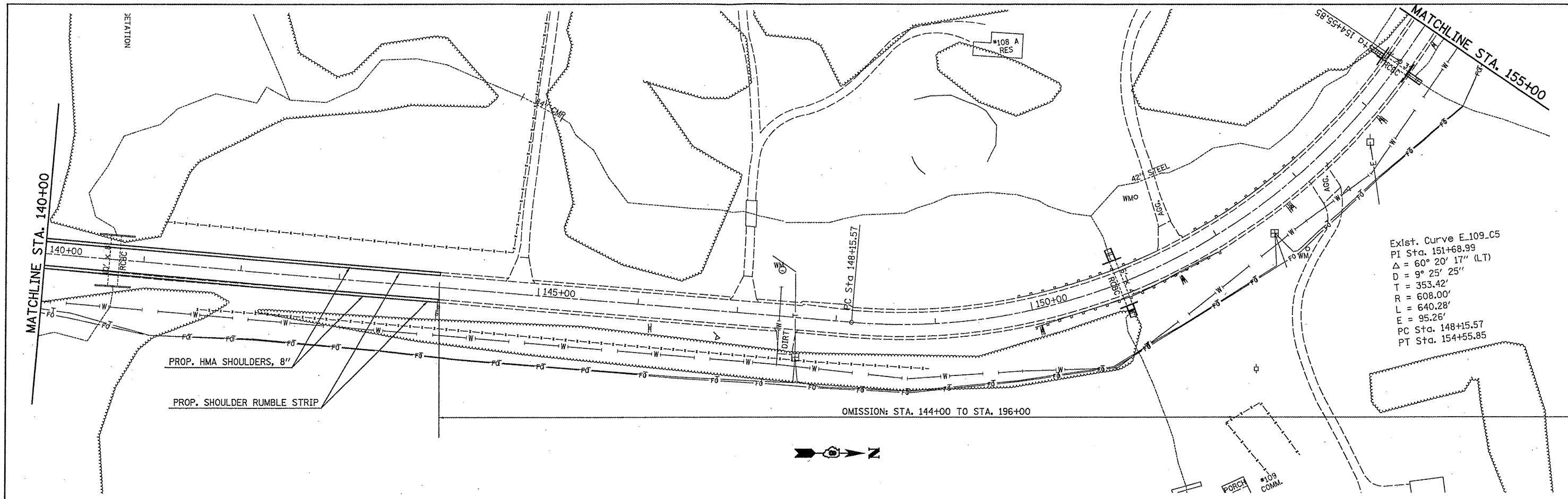
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	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET FAS 747 (ILLINOIS 109)**

SCALE: 1" = 50'    SHEET NO. 0F SHEETS    STA. 95+00 TO STA. 125+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
747	(57,58,59)-I	JERSEY	22	10
CONTRACT NO. 76D39				
ILLINOIS FED. AID PROJECT				



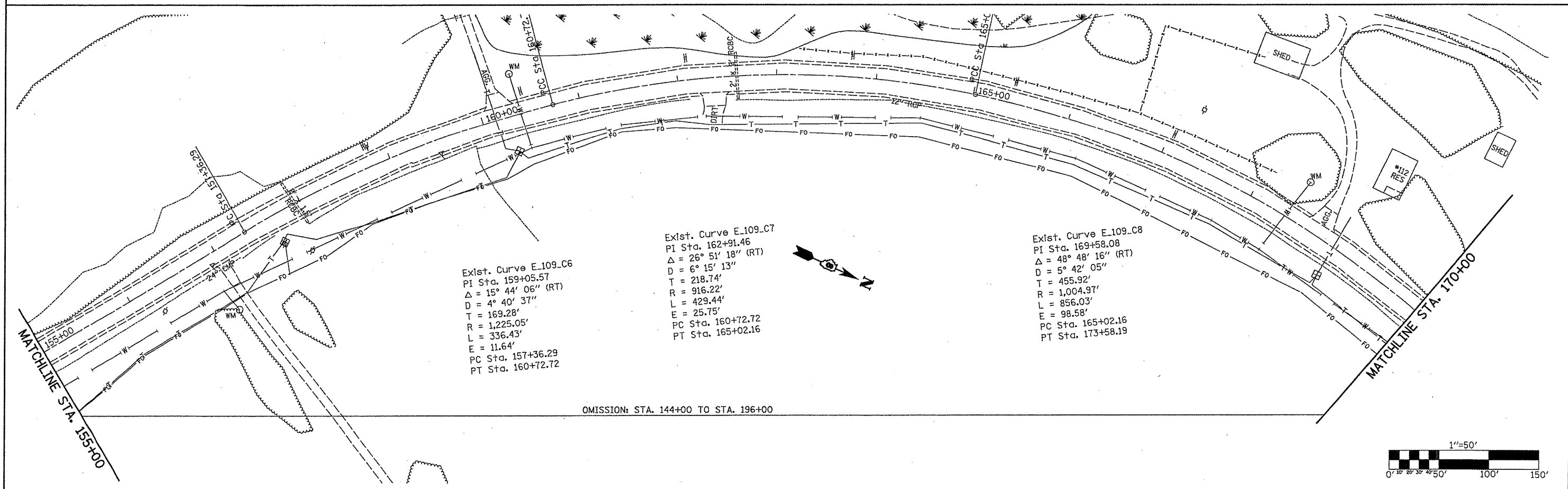
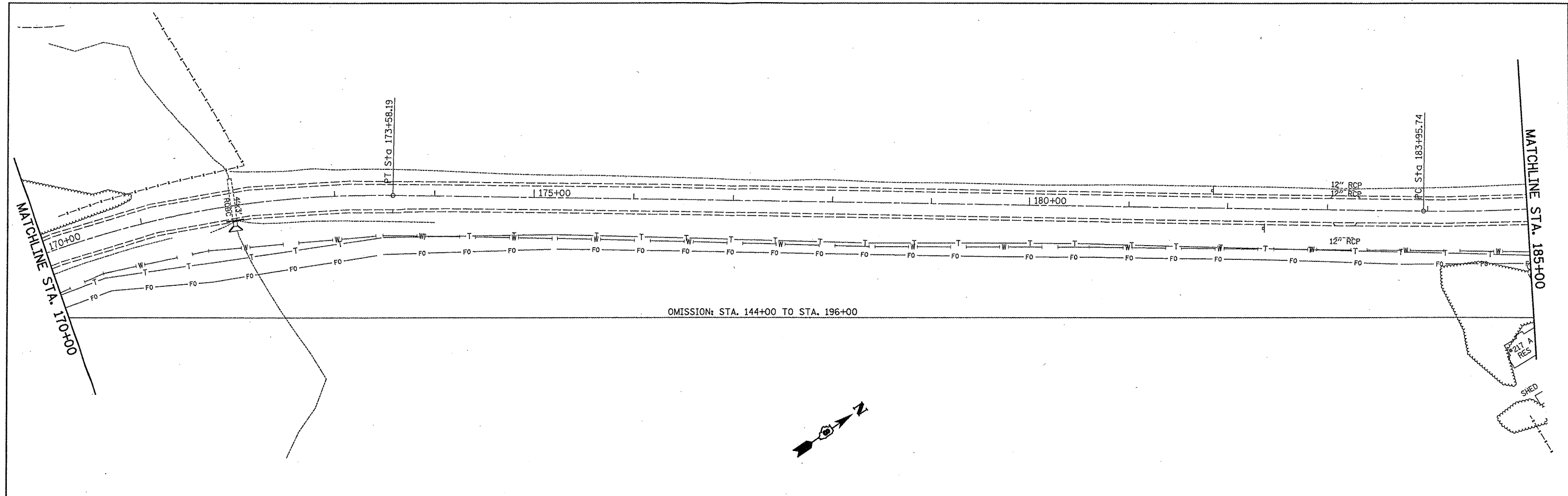
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Johnson, Depp & Oulsenberry CONSULTING ENGINEERS Springfield, Illinois	PLOT SCALE = 1/8" = 100.0000' / 1" IN.	DRAWN -	REVISED -
	PLOT DATE = 01/05/2010 16:24:09	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET FAS 747 (ILLINOIS 109)**

SCALE: 1" = 50'    SHEET NO. OF SHEETS    STA. 125+00 TO STA. 155+00

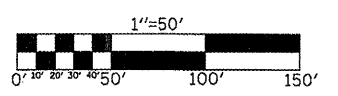
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
747	(57,58,59)-I	JERSEY	22	11
CONTRACT NO. 76D39				
ILLINOIS FED. AID PROJECT				



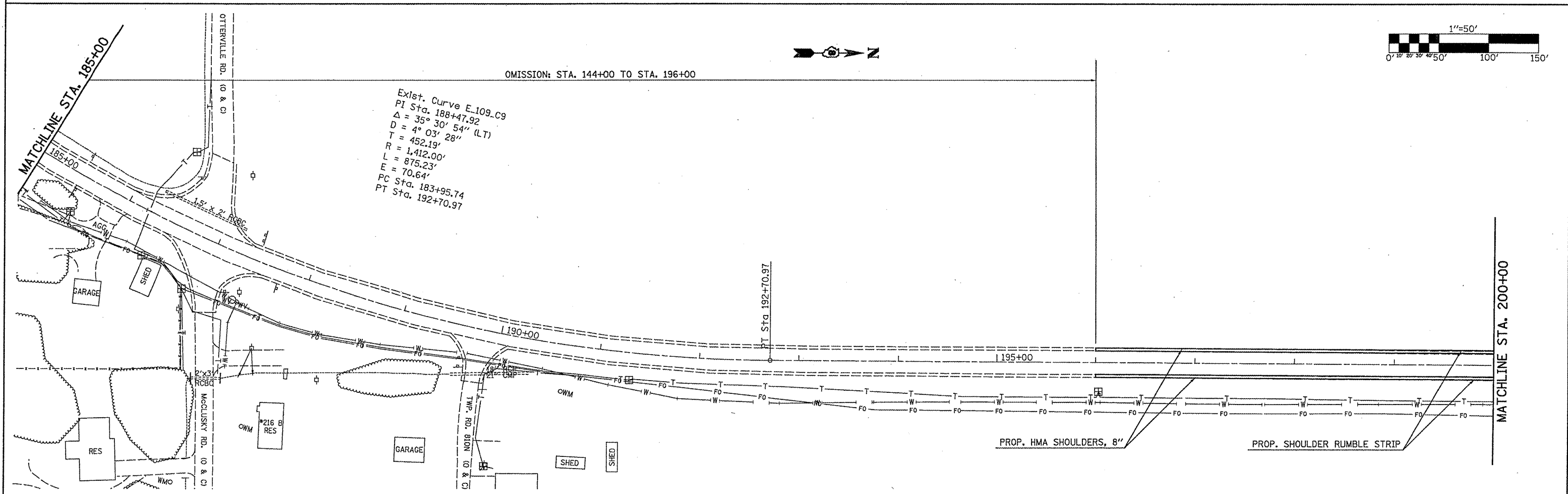
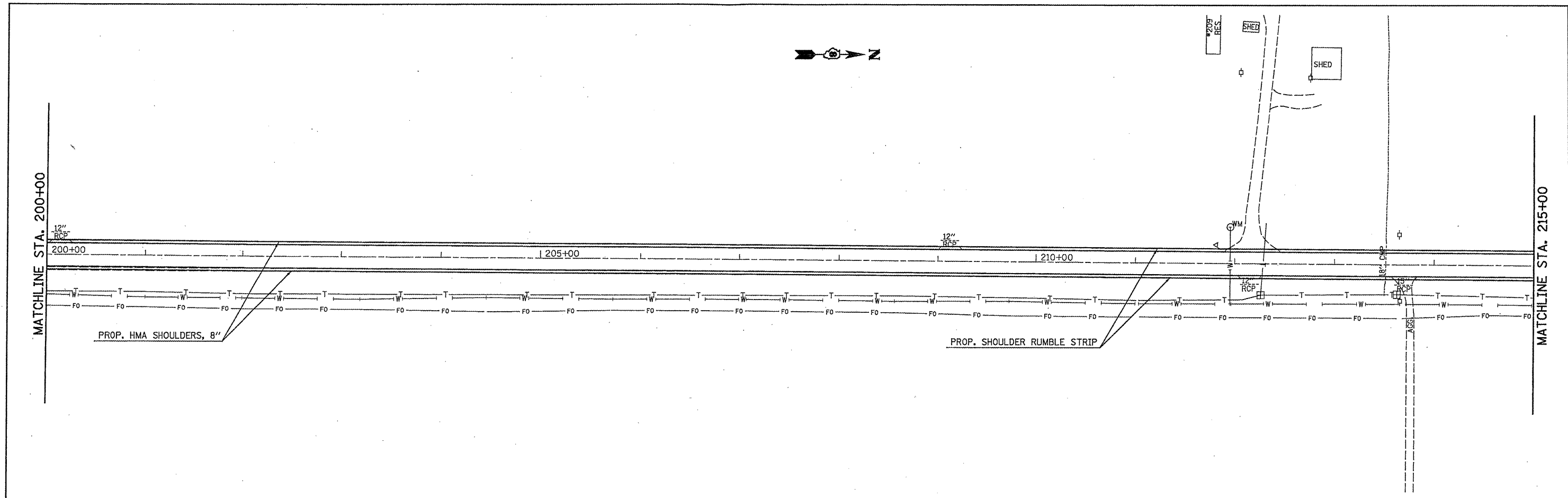
Exist. Curve E.109.C6  
 PI Sta. 159+05.57  
 $\Delta = 15^\circ 44' 06''$  (RT)  
 $D = 4^\circ 40' 37''$   
 $T = 169.28'$   
 $R = 1,225.05'$   
 $L = 336.43'$   
 $E = 11.64'$   
 PC Sta. 157+36.29  
 PT Sta. 160+72.72

Exist. Curve E.109.C7  
 PI Sta. 162+91.46  
 $\Delta = 26^\circ 51' 18''$  (RT)  
 $D = 6^\circ 15' 13''$   
 $T = 218.74'$   
 $R = 916.22'$   
 $L = 429.44'$   
 $E = 25.75'$   
 PC Sta. 160+72.72  
 PT Sta. 165+02.16

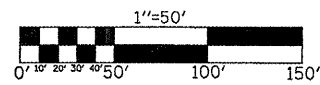
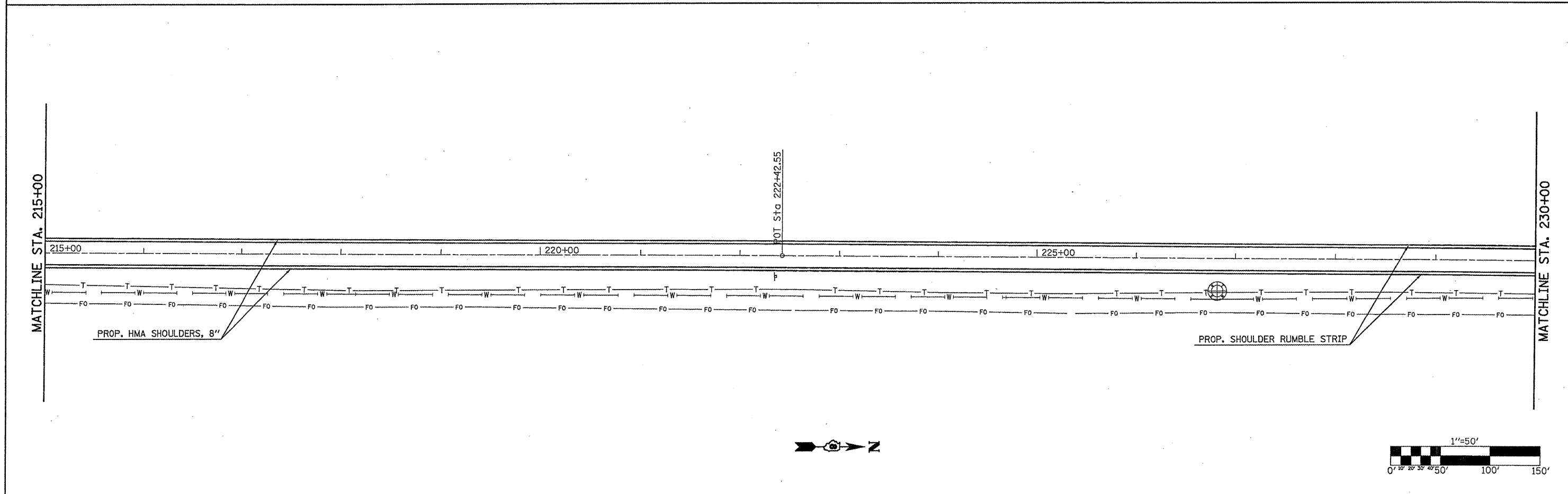
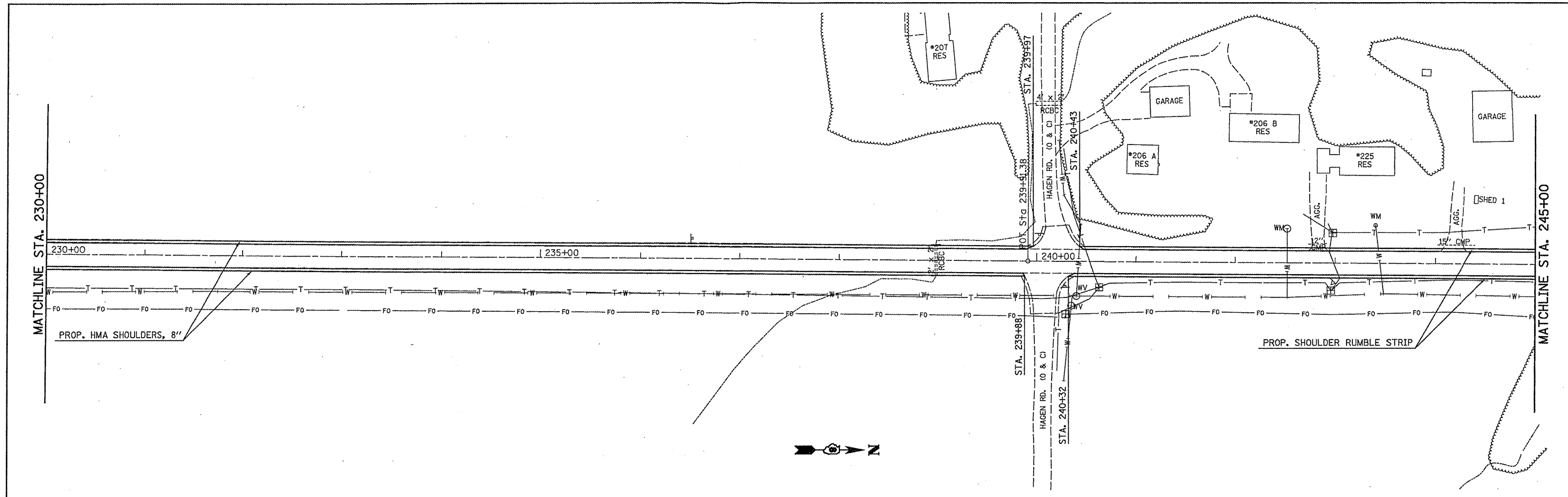
Exist. Curve E.109.C8  
 PI Sta. 169+58.08  
 $\Delta = 48^\circ 48' 16''$  (RT)  
 $D = 5^\circ 42' 05''$   
 $T = 455.92'$   
 $R = 1,004.97'$   
 $L = 856.03'$   
 $E = 98.58'$   
 PC Sta. 165+02.16  
 PT Sta. 173+58.19



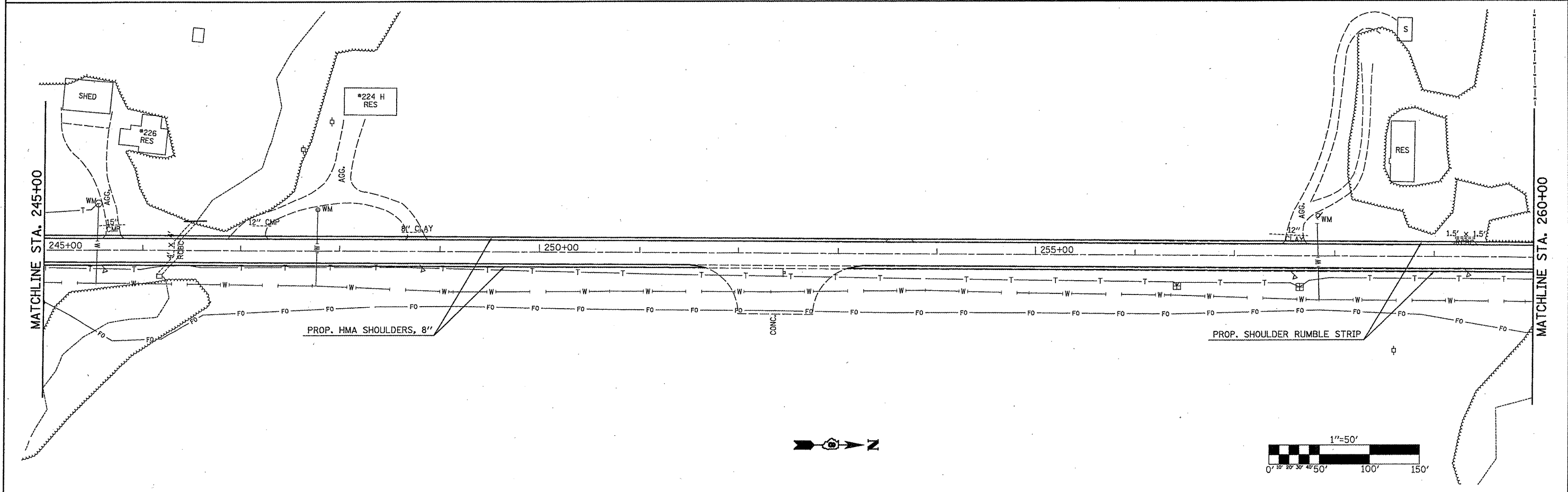
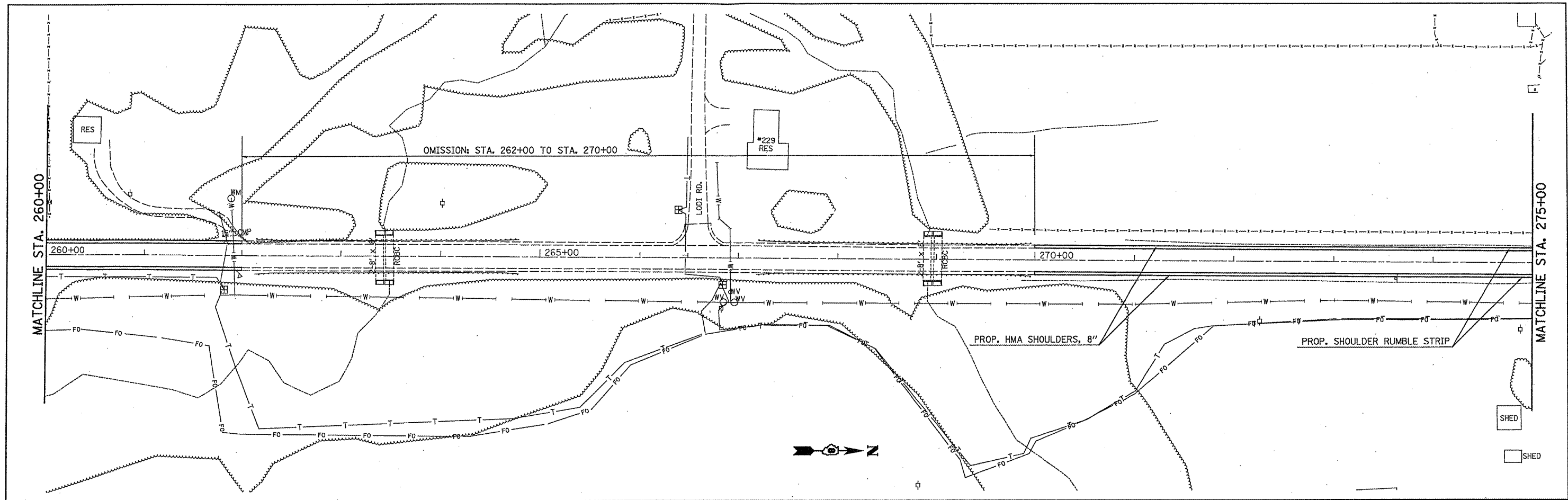
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Johnson, Dapp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois	PLOT SCALE = 1/80.0000 "/td> <td>DRAWN -</td> <td>REVISED -</td> <td>SCALE: 1" = 50'</td> <td>SHEET NO. OF</td> <td>SHEETS</td> <td>STA. 155+00 TO STA. 185+00</td> <td colspan="4" style="text-align: center;">CONTRACT NO. 76D39</td>	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO. OF	SHEETS	STA. 155+00 TO STA. 185+00	CONTRACT NO. 76D39			
PLOT DATE = 01/05/2010 16:24:34	CHECKED -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							
DATE -	DATE -	REVISED -	REVISED -									



FILE NAME = ...AD876039-ahd-plandgn 	USER NAME = PDR	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAS 747 (ILLINOIS 109)</b>	F.A.S. RTE. 747	SECTION (57,58,59)-I	COUNTY JERSEY	TOTAL SHEETS 22	SHEET NO. 13
	PLOT SCALE = 100.0000' / IN. PLOT DATE = 01/06/2010 16:24:51	CHECKED -	REVISED -			SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 185+00 TO STA. 215+00	ILLINOIS FED. AID PROJECT CONTRACT NO. 76D39	



FILE NAME = ...\\0876039-ahtr-plan.dgn 	USER NAME = PDR	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAS 747 (ILLINOIS 109)</b>	F.A.S. RTE. 747	SECTION (57,58,59)-I	COUNTY JERSEY	TOTAL SHEETS 22	SHEET NO. 14
	PLOT SCALE = 100.0000' / IN. PLOT DATE = 01/06/2010 16:25:00	CHECKED -	REVISED -			SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 215+00 TO STA. 245+00	CONTRACT NO. 76D39 ILLINOIS FED. AID PROJECT	



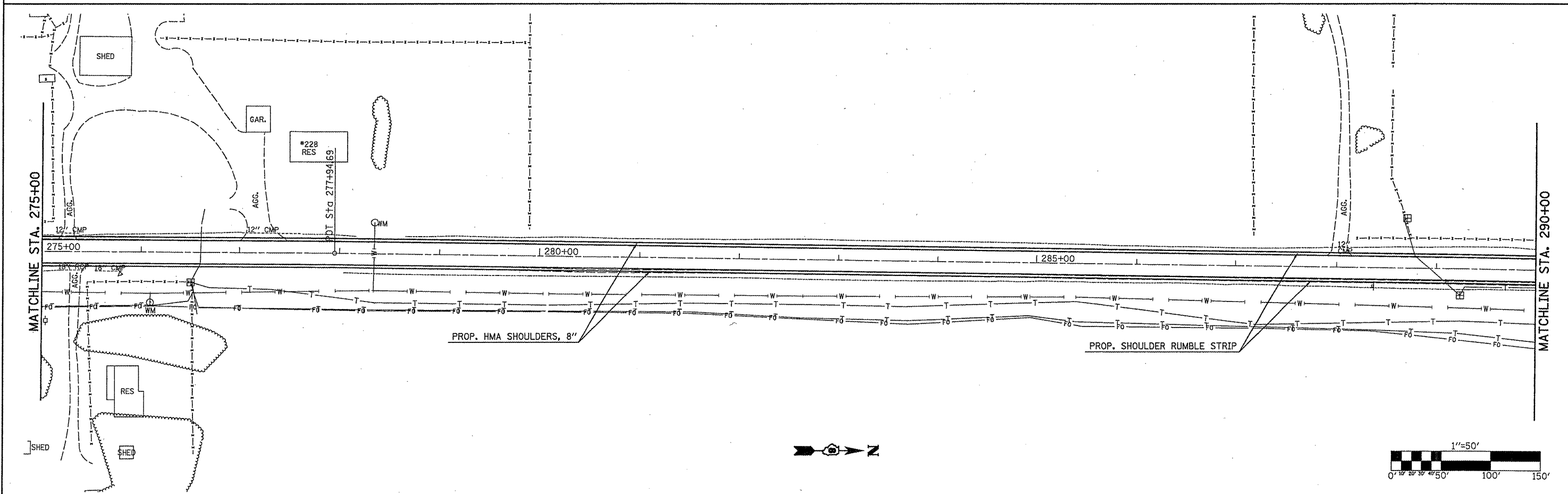
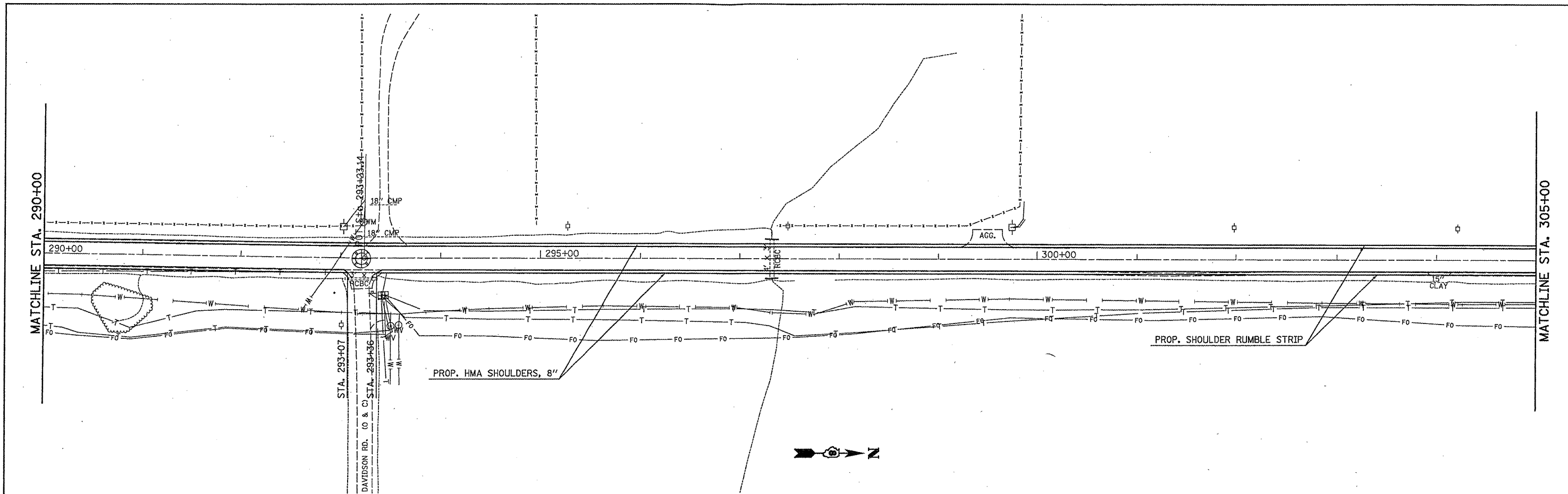
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	DATE -	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET FAS 747 (ILLINOIS 109)**

SCALE: 1" = 50'    SHEET NO.    OF    SHEETS    STA. 245+00 TO STA. 275+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
747	(57,58,59)-I	JERSEY	22	15
CONTRACT NO. 76D39				
ILLINOIS FED. AID PROJECT				



FILE NAME = ... \0876039-ahs-pln.dgn  
**Johnson, Depp & Quisenberry**  
 CONSULTING ENGINEERS  
 Springfield, Illinois

USER NAME = PDR	DESIGNED -	REVISED -
PLOT SCALE = 1/8" = 50' / IN.	DRAWN -	REVISED -
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	DATE -	REVISED -

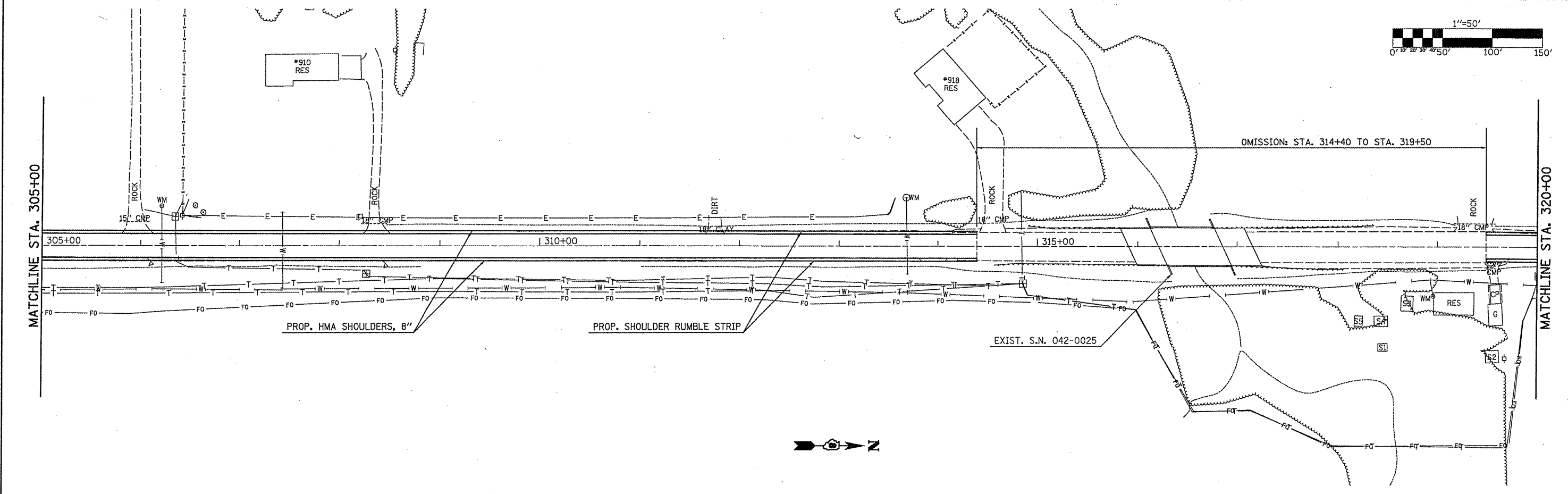
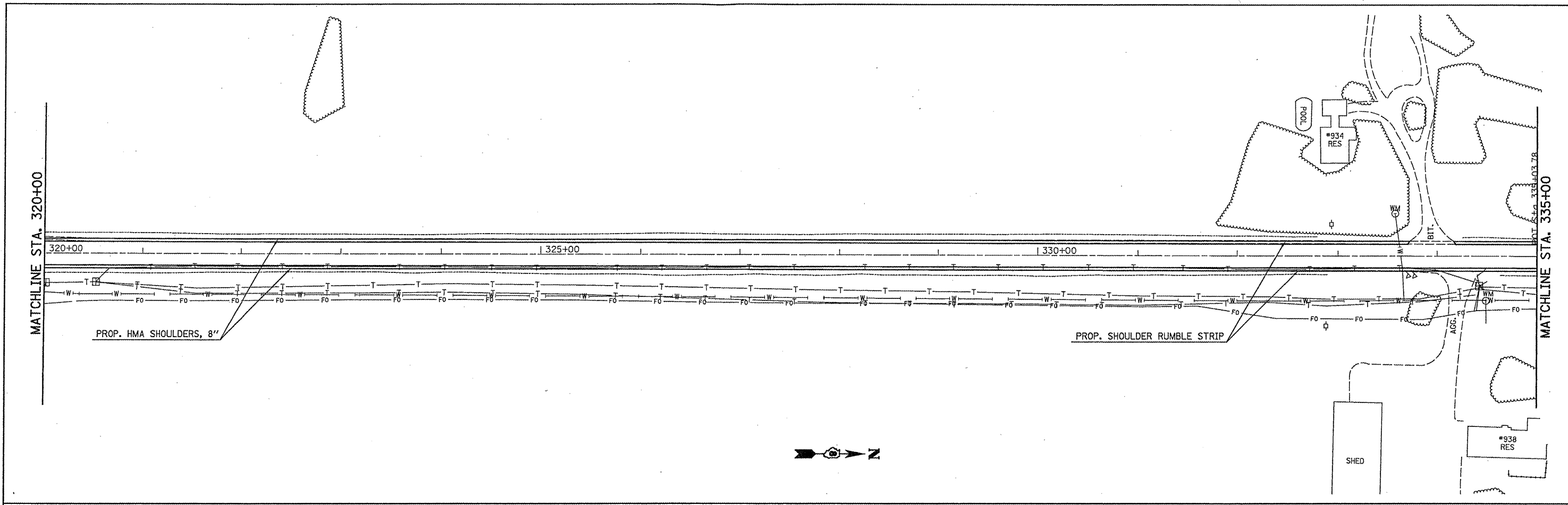
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET FAS 747 (ILLINOIS 109)**

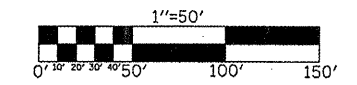
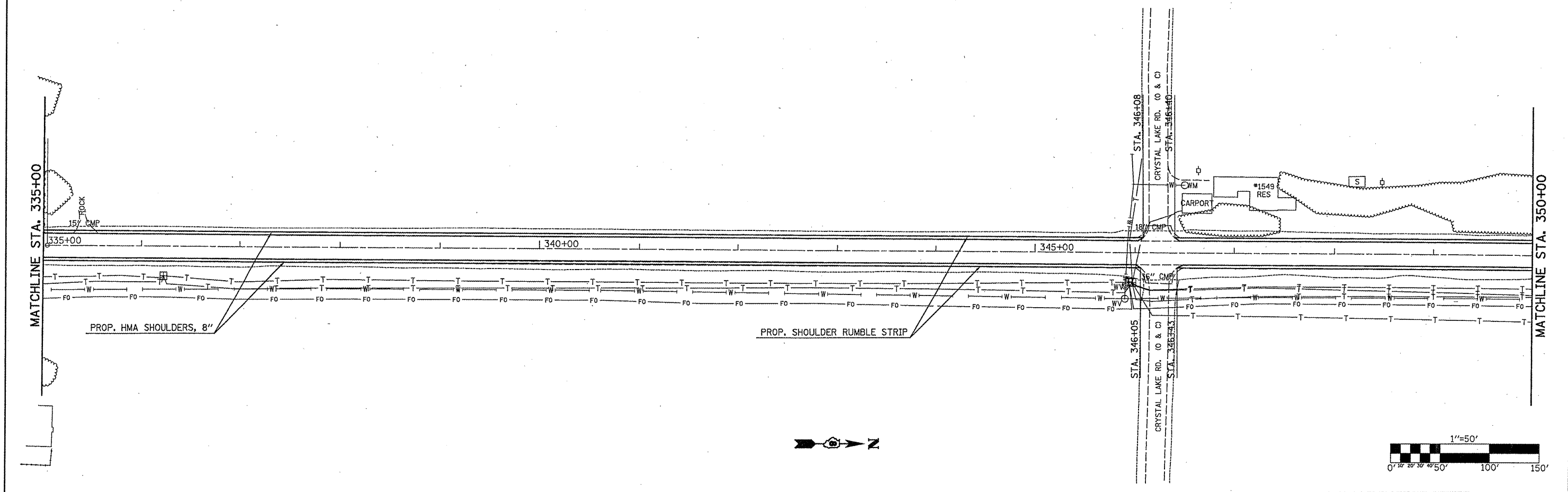
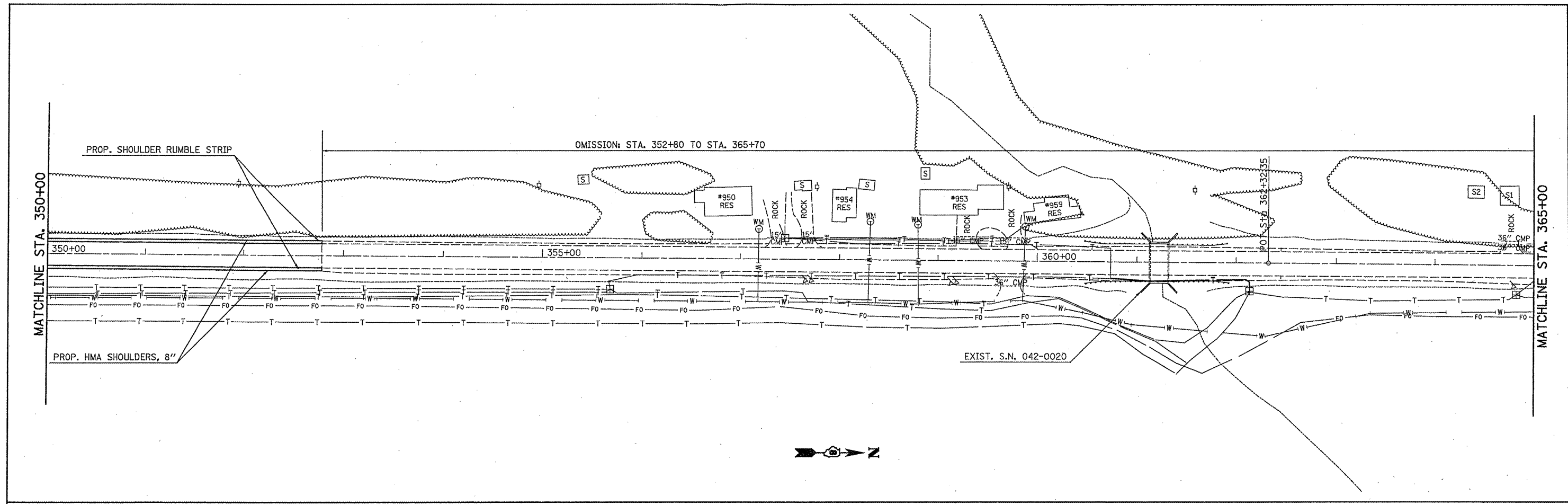
SCALE: 1" = 50'    SHEET NO. OF SHEETS    STA. 275+00 TO STA. 305+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
747	(57,58,59)-I	JERSEY	22	16
				CONTRACT NO. 76D39
ILLINOIS FED. AID PROJECT				



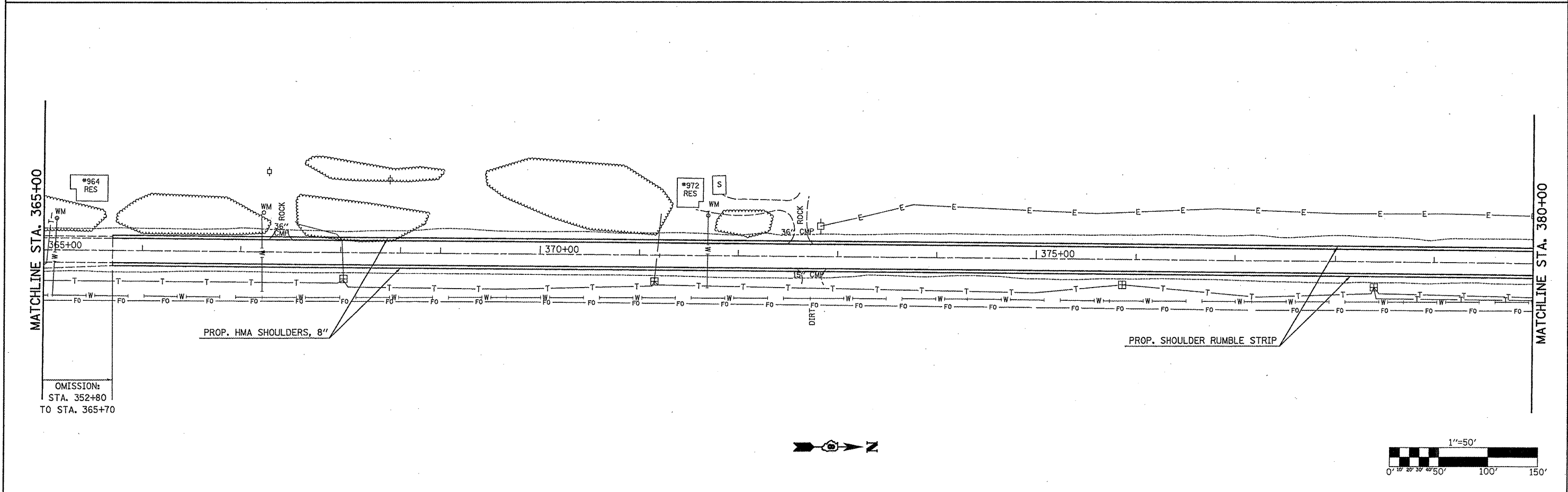
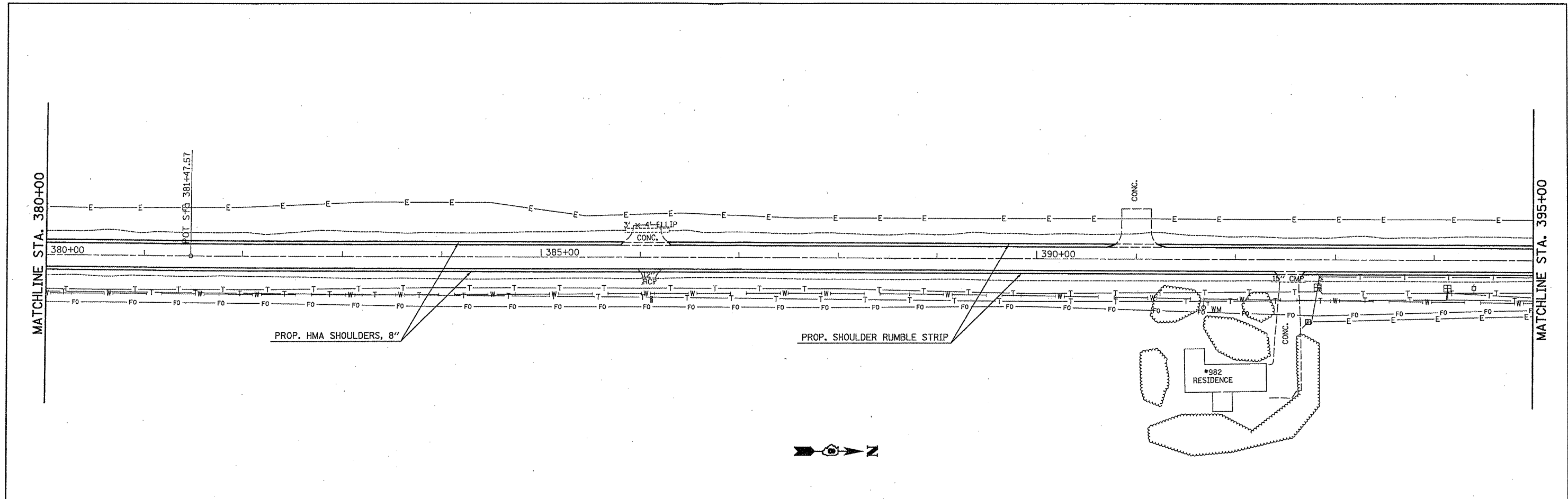


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Johnson, Depp & Gulsenberry CONSULTING ENGINEERS Springfield, Illinois	PLOT SCALE = 1/8" = 50' / IN.	DRAWN -	REVISED -			SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 305+00 TO STA. 335+00	CONTRACT NO. 76D39		
	PLOT DATE = 01/06/2010 16:25:58	CHECKED -	REVISED -						ILLINOIS FED. AID PROJECT		
		DATE -	REVISED -								

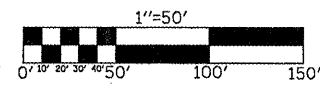
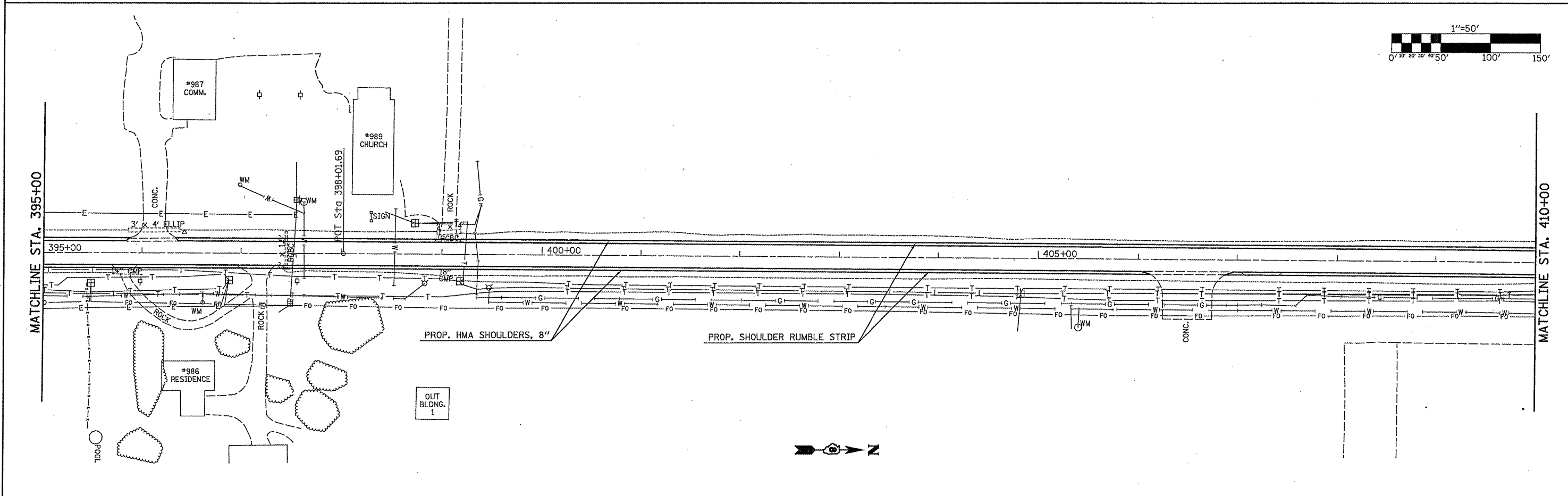
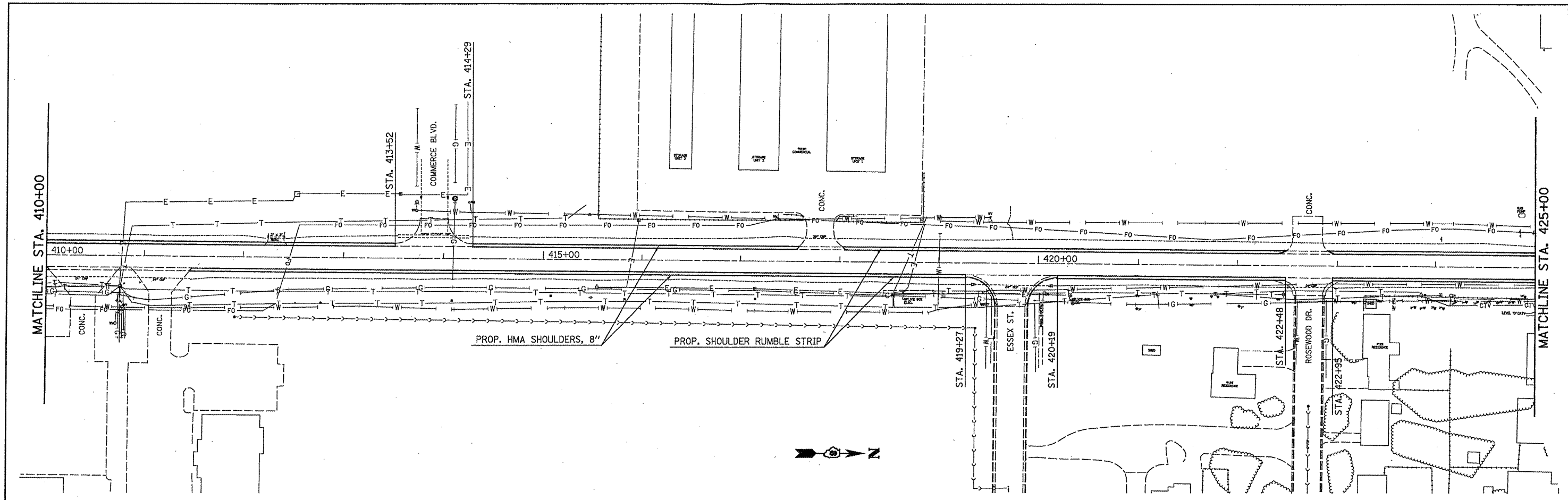


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	PLOT SCALE = 1/8" = 50' / IN. PLOT DATE = 01/05/2010 16:26:11	DRAWN -	REVISED -			CHECKED -	REVISED -	CONTRACT NO. 76D39	ILLINOIS FED. AID PROJECT	

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 335+00 TO STA. 365+00



FILE NAME = ... \DB76D39-ahc-plan.dgn 	USER NAME = PDR	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET FAS 747 (ILLINOIS 109)</b>		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / IN. PLOT DATE = 01/06/2010 16:26:34	DRAWN -	REVISED -				747	(57,58,59)-I	JERSEY	22	19	
				SCALE: 1" = 50'			SHEET NO. OF SHEETS STA. 365+00 TO STA. 395+00					
ILLINOIS FED. AID PROJECT											CONTRACT NO. 76D39	



FILE NAME = ... \0876039-shr-plan.dgn  
 Johnson, Depp & Quisenberry  
 CONSULTING ENGINEERS  
 Springfield, Illinois

USER NAME = PDR  
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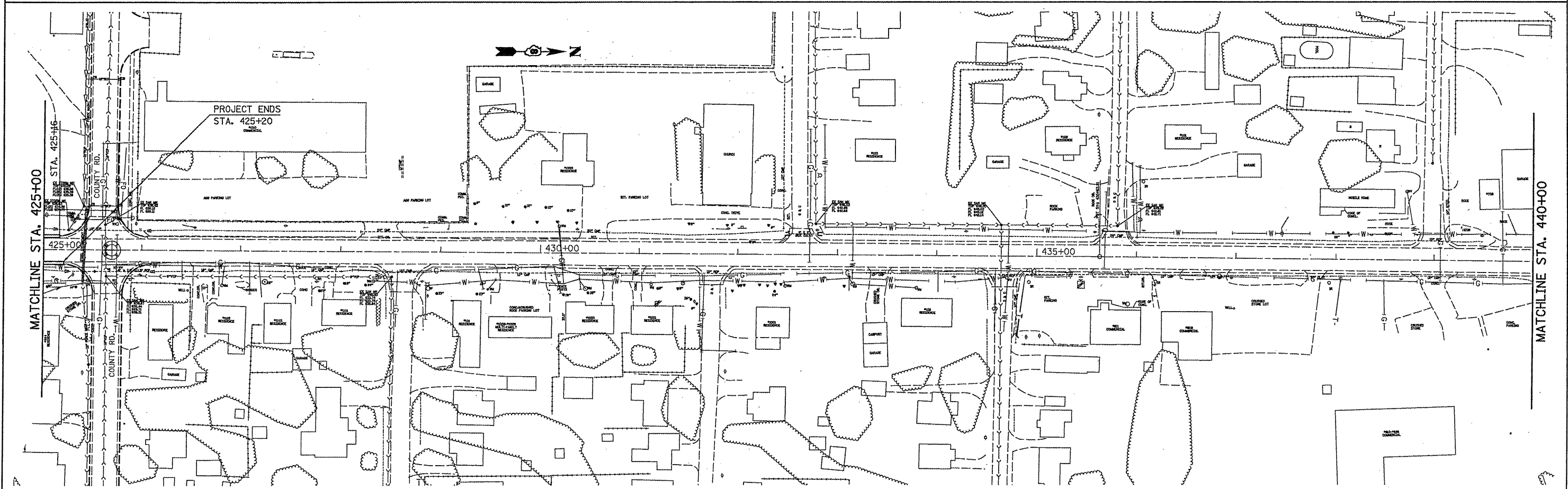
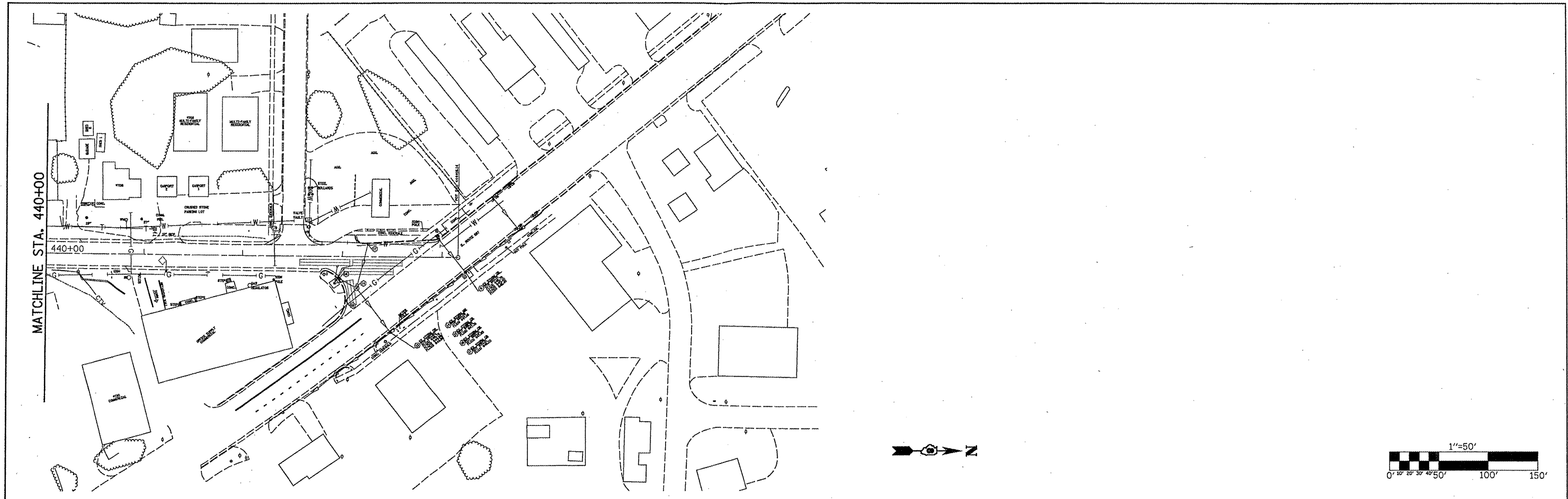
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CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET FAS 747 (ILLINOIS 109)**

SCALE: 1" = 50'    SHEET NO. OF SHEETS    STA. 395+00 TO STA. 425+00

F.A.S. RTE. 747	SECTION (57,58,59)-I	COUNTY JERSEY	TOTAL SHEETS 22	SHEET NO. 20
CONTRACT NO. 76D39				
ILLINOIS FED. AID PROJECT				



FILE NAME = ...N0876039-aht-plan.dgn	USER NAME = POR	DESIGNED -	REVISED -
Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois	PLOT SCALE = 1/8" = 50' / IN.	DRAWN -	REVISED -
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		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>PLAN SHEET FAS 747 (ILLINOIS 109)</b>			
SCALE: 1" = 50'	SHEET NO. OF	SHEETS	STA. 425+00 TO STA. 444+00

F.A.S. RTE. 747	SECTION (57,58,59)-I	COUNTY JERSEY	TOTAL SHEETS 22	SHEET NO. 21
CONTRACT NO. 76D39				
ILLINOIS FED. AID PROJECT				

