

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 554 (IL 99 / IL 107), FAS 2585 (IL 99)
SECTION 16(RS-6), 18(RS-6), 121(RS-5)

RESURFACING
BROWN COUNTY

C-96-014-09

BEGIN PROJECT
STA. 5 + 28

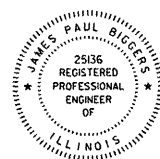
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6), 18(RS-6), 121(RS-5)	BROWN	49	1
		ILLINOIS	CONTRACT NO. 72C37	

D-96-014-09



FOR INDEX OF SHEETS, SEE SHEET NO. 2

James Paul Biggers
JAMES PAUL BIGGERS, P.E.
DATE 4/8/10

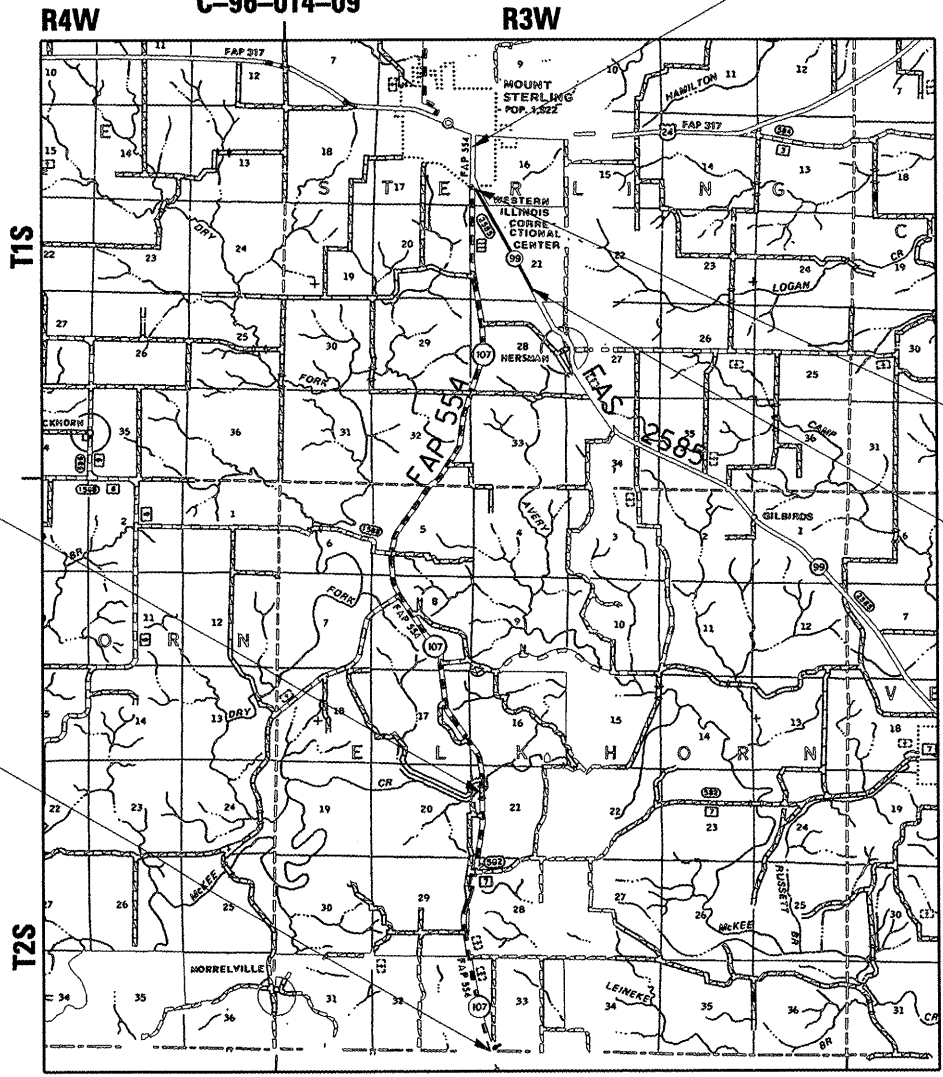


LICENSE EXPIRES 11/30/11

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

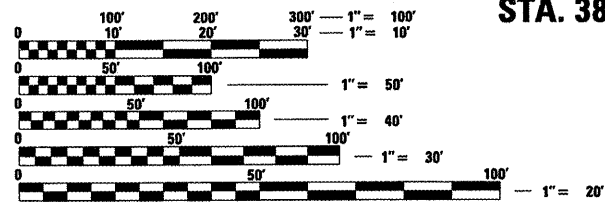


BRIDGE OMISSION
STA. 382 + 80 TO STA. 389 + 20

END PROJECT
STA. 532 + 00

STA. 16 + 21.44 (IL 107) =
STA. 37 + 75.94 (IL 99)
END PROJECT
STA. 96 + 05

MINOR ARTERIAL F.A.P. 554 (IL 107) ADT (2007) = 1750 PV=75.7% SU=18.6% MU=5.7% DESIGN SPEED = 55 MPH	MINOR ARTERIAL F.A.S. 2585 (IL 99) ADT (2007) = 6800 PV=90.4% SU=8.1% MU=1.5% DESIGN SPEED = 55 MPH
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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: JOHN NEGANGARD (217) 782-6990
PROJECT MANAGER: JULIET SHOULTZ (217) 785-2739

CONTRACT NO. 72C37

GROSS LENGTH = 60655.56 FEET = 11.488 MILES
NET LENGTH = 60015.56 FEET = 11.367 MILES



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 8 2010
Roger Z. Danks
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 7 2010
Scott E. Stitt, P.E. /lc
ASSISTANT ENGINEER OF DESIGN AND ENVIRONMENT

May 7 2010
Christina M. Reed /lc
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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HIGHWAY STANDARDS

000001-05	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-02	PRECAST REINFORCED CONCRETE FLARED END SECTION
602401-02	MANHOLE TYPE A
604101-01	MEDIAN INLET FOR 24" (600 MM) REINFORCED CONCRETE PIPE
606101-04	TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
630001-08	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
701006-03	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
701201-03	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS 45 MPH
701306-02	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS 45MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
780001-02	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

- ALL ELEVATIONS SHOWN IN THE PLANS ARE U.S.G.S. MEAN SEA LEVEL DATUM.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS INCLUDED IN THE BACK OF THE PLANS.
- THE THICKNESS OF HOT-MIX ASPHALT SHOWN ON THE PLANS IS THE NORMAL THICKNESS. DEVIATIONS FROM THE NORMAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HOT-MIX ASPHALT IS PLACED.
- SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET OR IN AN UNTILLABLE CONDITION. AREAS TO BE SEEDED SHALL BE DETERMINED BY THE ENGINEER.
- EXISTING PAVEMENT DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS, AND NOT OTHERWISE NECESSARY TO REPLACE, SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
- THE LOCATIONS OF THOSE BURIED AND ABOVE GROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE J.U.L.I.E. NUMBER IS 800-892-0123. A MINIMUM OF FORTY-EIGHT HOURS ADVANCE NOTICE IS REQUIRED.
- THE EXISTING ROAD SIGNS THAT INTERFERE WITH CONSTRUCTION SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. AFTER THE CONSTRUCTION IS COMPLETED, THE CONTRACTOR WILL REPLACE THE SIGNS AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OUTSIDE THE LIMITS OF RIGHT-OF-WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF EARTH EXCAVATION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED THE DEPARTMENT SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. IF THE ENGINEER DECIDES TO HAVE THE CONTRACTOR RESET THE MONUMENT, THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
- NO PASSING ZONES SHALL BE FIELD VERIFIED BY OPERATIONS, DISTRICT 6, (217)785-5312 14 DAYS PRIOR TO FINAL MARKINGS.

13. THE CONTRACTOR AND ENGINEER SHOULD BE AWARE THAT NO SURVEY WAS PERFORMED FOR THE GUARDRAIL SHOWN IN THESE PLANS. THE LOCATIONS SHOWN WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. THE LOCATIONS SHOULD BE CONSIDERED APPROXIMATE.

COMMITMENTS

- THE RESIDENT ENGINEER SHALL CONTACT STUDIES & PLANS CONCERNING ANY MAJOR PLAN CHANGE, TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN TO ALLOW FOR AN IMPROVED DESIGN OF FUTURE PROJECTS.
- LETTER OF UNDERSTANDING, MT. STERLING

DISTRICT SIX	
EXAMINED <i>March 30</i>	20 10
<i>[Signature]</i>	
OPERATIONS ENGINEER	
EXAMINED <i>March 29</i>	20 10
<i>[Signature]</i>	
PROGRAM DEVELOPMENT ENGINEER	
EXAMINED <i>MARCH 31</i>	20 10
<i>[Signature]</i>	
PROJECT IMPLEMENTATION ENGINEER	

11. THE FOLLOWING APPLICATION RATES WERE USED FOR QUANTITY CALCULATIONS:

AGGREGATE ITEMS	2.05 TON / CU YD
AGGREGATE SHOULDERS, TYPE B	1.89 TON / CU YD
HOT-MIX ASPHALT ITEMS	112 LB / SQ YD / IN
AGGREGATE (PRIME COAT)	0.002 TON / SQ YD
BITUMINOUS MATERIALS (PRIME COAT) - ON BITUMINOUS	0.00038 TON / SQ YD
BITUMINOUS MATERIALS (PRIME COAT) - ON AGGREGATE	0.001425 TON / SQ YD
FERTILIZER NUTRIENT	90 LB / ACRE
MULCH & AGRICULTURAL GROUND LIMESTONE	2 TON / ACRE
TEMPORARY EROSION CONTROL SEEDING	100 LB / ACRE
RIPRAP	1.5 TON / CU YD

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

MIXTURE USE	HMA SURFACE	INCIDENTAL HMA SURFACING	LEVELING BINDER	PATCHING
PG	PG 64-22	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:				
N OF IL99/IL107	4.0% @ N70	4.0% @ N50	4.0% @ N70	4.0% @ N70
S OF IL99/IL107	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIX COMPOSITION	IL 9.5 OR 12.5	IL 9.5 OR 12.5	IL 9.5	IL 19.0
FRICITION AGGREGATE:				
N OF IL99/IL107	MIX D	MIX C	N/A	N/A
S OF IL99/IL107	MIX C	MIX C	N/A	N/A

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE ROADWAY																
				FAS 2585 ILLINOIS 99	FAP 554 ILLINOIS 107															
20200100	EARTH EXCAVATION	CU YD	90		90															
20400800	FURNISHED EXCAVATION	CU YD	50		50															
20800250	TRENCH BACKFILL, SPECIAL	CU YD	216		216															
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	248		248															
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	28	16	12															
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	66.9	12.4	54.5															
40600300	AGGREGATE (PRIME COAT)	TON	347	61	286															
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	6763	774	5989															
40600635	LEVELING BINDER (MACHINE METHOD), N70	TON	512	512																
40600895	CONSTRUCTING TEST STRIP	EACH	2	1	1															
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2271	813	1458															
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	669	448	221															
40600990	TEMPORARY RAMP	SQ YD	36	15	21															
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	13428	1540	11888															
40603340	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70	TON	1019	1019																
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	662	287	375															
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	78	78																
44000100	PAVEMENT REMOVAL	SQ YD	150	150																
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	20506		20506															
44000198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	150852	30354	120498															
44000400	GUTTER REMOVAL	FOOT	80		80															
44000600	SIDEWALK REMOVAL	SQ FT	78	78																
44200132	PAVEMENT PATCHING, TYPE II, 11 INCH	SQ YD	20		20															
44200136	PAVEMENT PATCHING, TYPE III, 11 INCH	SQ YD	50		50															
44200138	PAVEMENT PATCHING, TYPE IV, 11 INCH	SQ YD	324		324															
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3907	635	3272															
50105220	PIPE CULVERT REMOVAL	FOOT	160		160															
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	127		127															
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	60		60															
542A0241	PIPE CULVERTS, CLASS A, TYPE 1 36"	FOOT	60		60															
54213669	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 24"	EACH	2		2															

LEGEND:
* SPECIALTY ITEMS

SHEET NO. 1 OF 3

FILE NAME = <small>o:\p\w\k\p\w\DOT\LAUGHLIN\RL\d0200040\572C37-shr-500.DGN</small>	USER NAME = laughlinr1 <small>PLOT SCALE = 20,0000 ' / IN.</small>	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE. 554	SECTION 16(RS-6),18(RS-6),121(RS-5)	COUNTY BROWN	TOTAL SHEETS 49	SHEET NO. 3	CONTRACT NO. 72C37
				SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE ROADWAY									
				FAS 2585 ILLINOIS 99	FAP 554 ILLINOIS 107								
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	2		2								
54213681	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"	EACH	2		2								
54390250	INSERTION CULVERT LINER 42"	FOOT	152		152								
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	18		18								
60220005	MANHOLES, TYPE A, 4' DIAMETER, WITH MEDIAN INLET (604101)	EACH	2		2								
60255500	MANHOLES TO BE ADJUSTED	EACH	1	1									
60602500	CONCRETE GUTTER, TYPE A	FOOT	80		80								
* 63000003	STEEL PLATE BEAM GUARD RAIL, TYPE A, 9 FOOT POSTS	FOOT	275		275								
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	20		20								
63200310	GUARDRAIL REMOVAL	FOOT	1275		1275								
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	3	9								
67100100	MOBILIZATION	L SUM	1	0.5	0.5								
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.5	0.5								
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5								
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.5	0.5								
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	11056	1768	9288								
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	126	108.4	17.6								
70300230	TEMPORARY PAVEMENT MARKING - LINE 5"	FOOT	179064	31366	147698								
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1016	870	146								
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	760	560	200								
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	32		32								
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	77915	14469	63446								
* 78000300	THERMOPLASTIC PAVEMENT MARKING - LINE 5"	FOOT	35504	30206	5298								
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	760	560	200								
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	142400		142400								
* 78004200	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LETTERS AND SYMBOLS	SQ FT	126	108.4	17.6								
* 78004220	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 5"	FOOT	1160	1160									
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	1016	870	146								
* 78004280	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 24"	FOOT	32		32								
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	988	303	685								
* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	41		41								

LEGEND:

* SPECIALTY ITEMS

SHEET NO. 2 OF 3

FILE NAME =	USER NAME = loughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\p\work\p\1007\LAUGHLINR1\0200040\672C37-sh1-S00.DGN		DRAWN -	REVISED -			554	16(RS-6),18(RS-6),121(RS-5)	BROWN	49	4
Johnson, Depp & Oulsenberry CONSULTING ENGINEERS Springfield, Illinois	PLOT SCALE = 20.0000' / IN. PLOT DATE = Apr-08-2010 03:06:44PM	CHECKED -	REVISED -			CONTRACT NO. 72C37				
		DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS		STA.	TO STA.	
						FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				

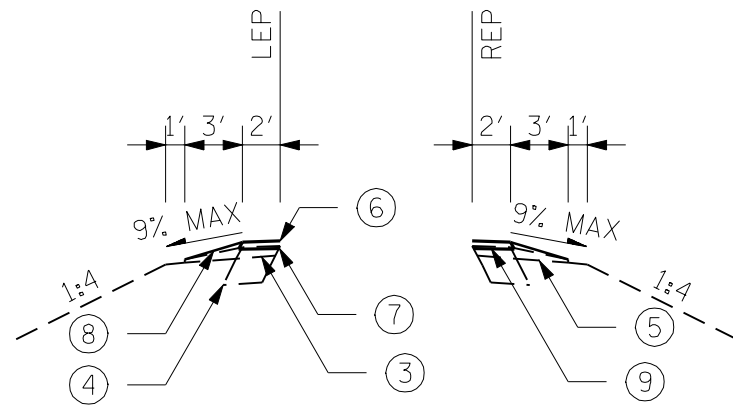
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	100% STATE ROADWAY												
				FAS 2585 ILLINOIS 99	FAP 554 ILLINOIS 107											
* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	20		20											
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	898	231	667											
X0323665	RIPRAP SLURRY	SO YD	337		337											
X6331007	REMOVAL AND REPLACEMENT OF STEEL PLATE BEAM GUARDRAIL, RAIL ELEMENT	FOOT	37.5		37.5											
Z0014700	CULVERT TO BE CLEANED	EACH	2		2											
28100808	STONE DUMPED RIPRAP, CLASS A4 (SPECIAL)	TON	168		168											

LEGEND:
* SPECIALTY ITEMS

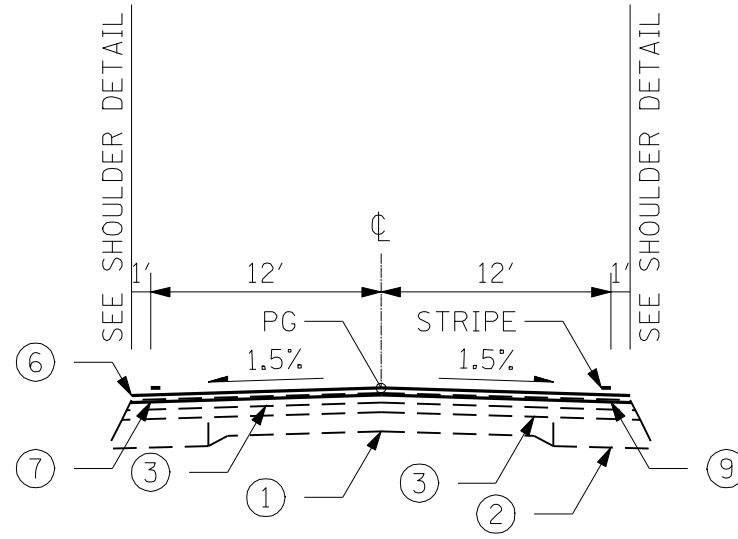
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672C37-shr-S00.DGN	PLOT SCALE = 20.0000 "/ IN.	DRAWN -	REVISED -		F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.	
Johnson, Depp & Oulsenberry CONSULTING ENGINEERS Springfield, Illinois	PLOT DATE = Apr-06-2010 03:07:00PM	CHECKED -	REVISED -		554 16(RS-6),18(RS-6),12(RS-5) BROWN 49 5	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
					CONTRACT NO. 72C37	

SHEET NO. 3 OF 3



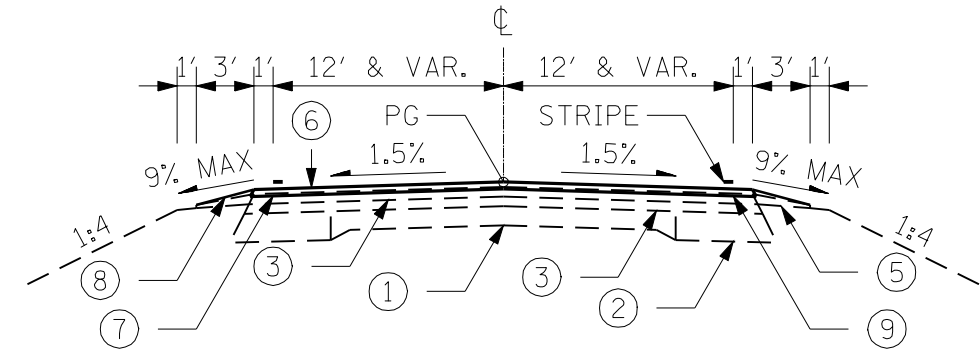
SHOULDER DETAIL

STA. 5+28 TO STA. 20+42



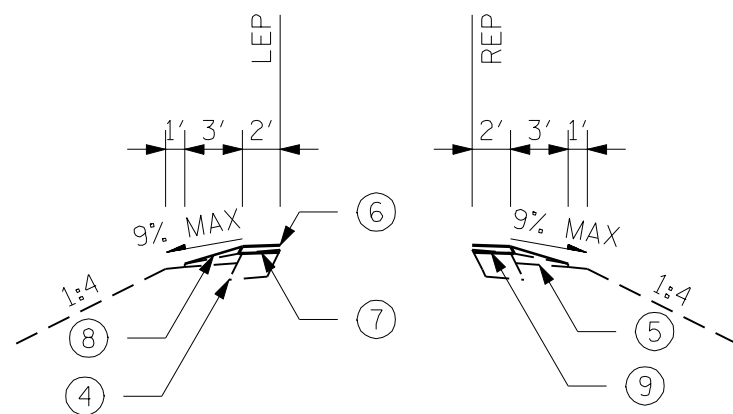
TYPICAL SECTION

STA. 5+28 TO STA. 18+09



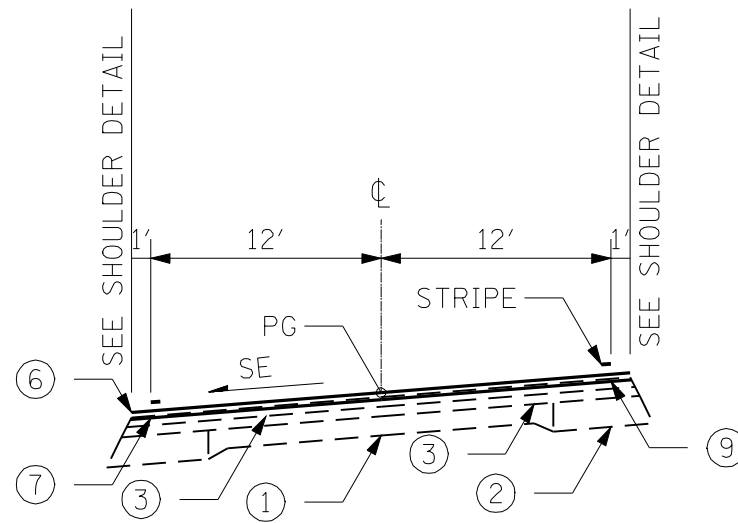
TYPICAL SECTION

STA. 31+00 TO STA. 96+05



SHOULDER DETAIL

STA. 20+42 TO STA. 31+00

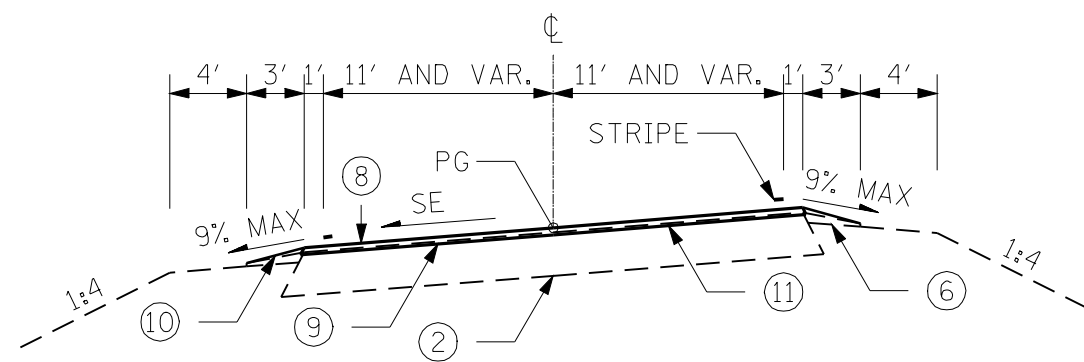


TYPICAL SECTION

STA. 18+09 TO STA. 31+00

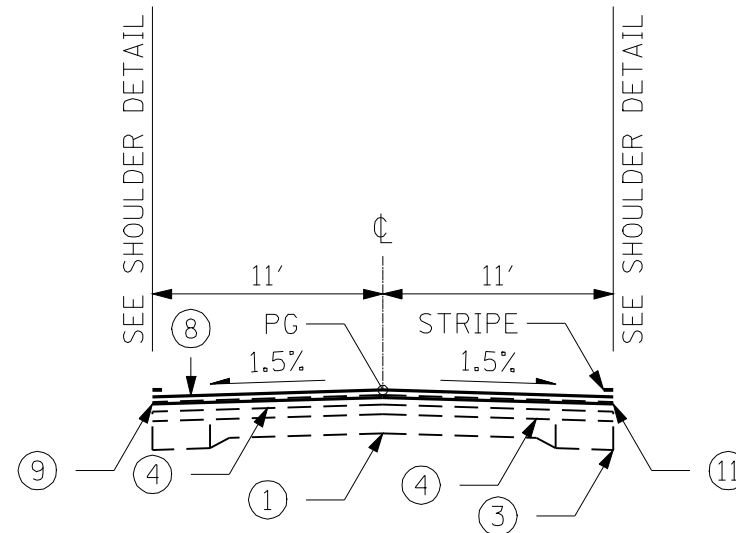
- ① EXIST. PCC PAVEMENT 9'-6"-9"
- ② EXIST. HMA BASE COURSE WIDENING (8" TO 9")
- ③ EXIST. HMA RESURFACING (3" TO 6 1/2")
- ④ EXIST. HMA SHOULDER 8"
- ⑤ EXIST. AGG. SHOULDER
- ⑥ PROP. HMA SURFACE COURSE, MIX "C" OR MIX "D", N50 OR N70 (1 1/2")
- ⑦ PROP. LEVELING BINDER (MACHINE METHOD), N50 OR N70 (3/4")
- ⑧ PROP. AGG. SHOULDERS, TYPE B
- ⑨ PROP. HMA SURFACE REMOVAL, VARIABLE DEPTH

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS (ILLINOIS 99)			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
er:\pwork\PIWIDOT\LAUGHLINRL\0200040\672C37-sh-typical.dgn	PLOT SCALE = 10,000' / IN.	DRAWN -	REVISED -					2585	121(RS-5)	BROWN	49	6
	PLOT DATE = Apr-08-2010 03:17:53PM	CHECKED -	REVISED -		CONTRACT NO. 72C37							
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	



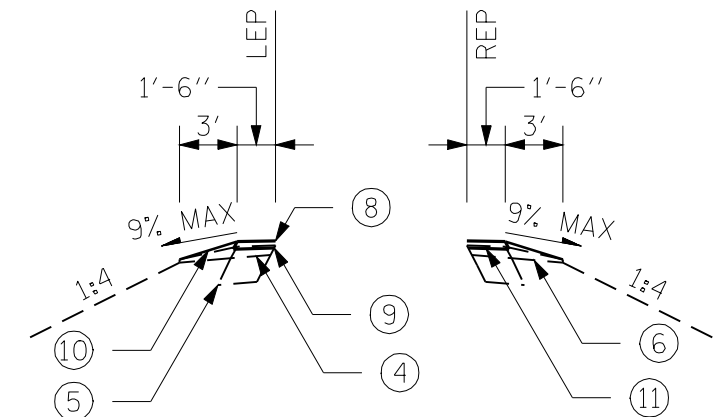
TYPICAL SECTION

STA. 16+21.44 TO STA. 28+20.67



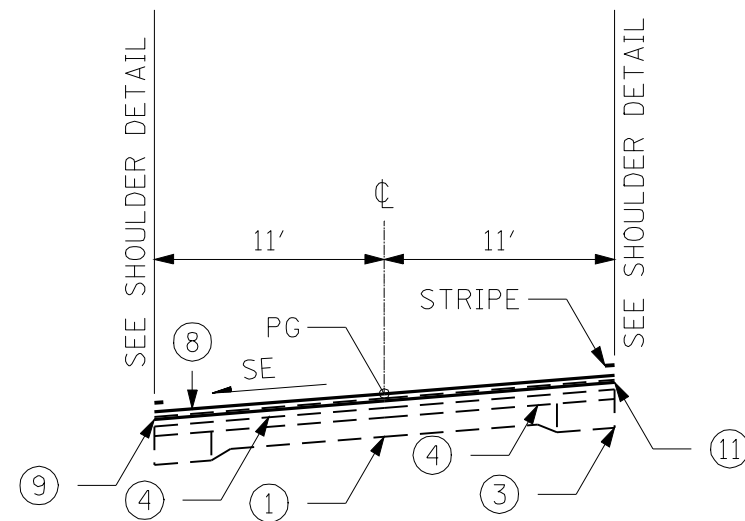
TYPICAL SECTION

STA. 29+41.67 TO STA. 57+01
 STA. 67+31 TO STA. 80+86
 STA. 90+75 TO STA. 98+01
 STA. 107+98 TO STA. 111+69
 STA. 126+15 TO STA. 130+56
 STA. 142+07 TO STA. 155+42
 STA. 167+03 TO STA. 174+68
 STA. 186+37 TO STA. 192+56
 STA. 206+31 TO STA. 227+88
 STA. 243+11 TO STA. 251+66
 STA. 271+01 TO STA. 295+72
 STA. 313+46 TO STA. 324+23
 STA. 342+31 TO STA. 382+80
 STA. 389+20 TO STA. 420+88
 STA. 430+63 TO STA. 448+23
 STA. 470+01 TO STA. 497+14
 STA. 505+70 TO STA. 532+00



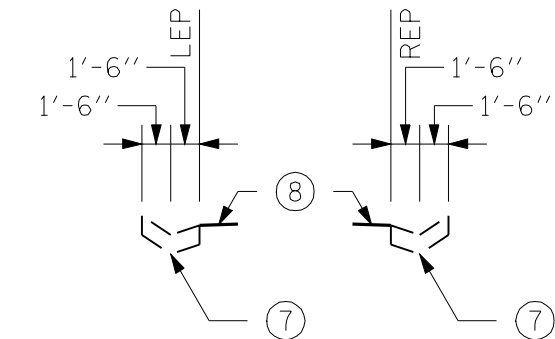
SHOULDER DETAIL

STA. 28+20.67 TO STA. 382+80
 STA. 389+20 TO STA. 532+00
 (SEE GUTTER DETAIL FOR GUTTER LOCATIONS)



TYPICAL SECTION

STA. 28+20.67 TO STA. 29+41.67
 STA. 57+01 TO STA. 67+31
 STA. 80+86 TO STA. 90+75
 STA. 98+01 TO STA. 107+98
 STA. 111+69 TO STA. 126+15
 STA. 130+56 TO STA. 142+07
 STA. 155+42 TO STA. 167+03
 STA. 174+68 TO STA. 186+37
 STA. 192+56 TO STA. 206+31
 STA. 227+88 TO STA. 243+11
 STA. 251+66 TO STA. 271+01
 STA. 295+72 TO STA. 313+46
 STA. 324+23 TO STA. 342+31
 STA. 420+88 TO STA. 430+63
 STA. 448+23 TO STA. 470+01
 STA. 497+14 TO STA. 505+70



GUTTER DETAIL

RT. STA. 313+00 TO RT. STA. 320+75
 LT. STA. 339+25 TO LT. STA. 342+50
 RT. STA. 339+75 TO RT. STA. 343+00
 RT. STA. 356+50 TO RT. STA. 362+00
 RT. STA. 374+25 TO RT. STA. 380+50
 LT. STA. 389+75 TO LT. STA. 396+50
 RT. STA. 401+75 TO RT. STA. 410+00
 LT. STA. 402+25 TO LT. STA. 409+50
 RT. STA. 418+25 TO RT. STA. 421+00
 LT. STA. 423+75 TO LT. STA. 432+50
 RT. STA. 424+00 TO RT. STA. 433+00
 LT. STA. 496+50 TO LT. STA. 506+00
 RT. STA. 498+00 TO RT. STA. 502+00

BRIDGE OMISSION

STA. 382+80 TO STA. 389+20

- ① EXIST. PCC PAVEMENT 9'-6"-9"
- ② EXIST. HMA PAVEMENT (FULL-DEPTH) 13 1/2"
- ③ EXIST. HMA BASE COURSE WIDENING 9"
- ④ EXIST. HMA RESURFACING 5"
- ⑤ EXIST. HMA SHOULDER 8"
- ⑥ EXIST. AGG. SHOULDER
- ⑦ EXIST. CONCRETE GUTTER, TYPE A
- ⑧ PROP. HMA SURFACE COURSE, MIX "C", N50 (1 1/2")
- ⑨ PROP. LEVELING BINDER (MACHINE METHOD), N50 (3/4")
- ⑩ PROP. AGG. SHOULDERS, TYPE B
- ⑪ PROP. HMA SURFACE REMOVAL, VARIABLE DEPTH OR 2 1/4"

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS (ILLINOIS 107)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwwork\pwwid\LAUGHLINRL\0200040\672C37-shr-typical.dgn	DRAWN -	REVISED -	554					16(RS-6) & 18(RS-6)	BROWN	49	7	
PLOT SCALE = 10.000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 72C37									
PLOT DATE = Apr-08-2010 03:17:55PM	DATE -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



RESURFACING SCHEDULE								
LOCATION	BITUMINOUS MATERIALS PRIME COAT	AGGREGATE PRIME COAT	LEVELING BINDER MACHINE METHOD N50	LEVELING BINDER MACHINE METHOD N70	HMA SURFACE REMOVAL BUTT JOINT	TEMPORARY RAMP	HMA SURFACE COURSE MIX "C" N50	HMA SURFACE COURSE MIX "D" N70
	TON	TON	TON	TON	SQ YD	SQ YD	TON	TON
ILLINOIS 99:						8		
STA. 5+28 TO STA. 5+30.5					100			
STA. 5+28 TO STA. 5+58								1019
STA. 5+28 TO STA. 38+67	5	24		512			1540	
STA. 38+67 TO STA. 96+05	7	37	774					
STA. 95+75 TO STA. 96+05					87			
STA. 96+02.5 TO STA. 96+05						7		
ILLINOIS 107:								
STA. 16+49 TO STA. 382+80	39	207	4347				8625	
STA. 382+50 TO STA. 382+80					83			
STA. 382+77.5 TO STA. 382+80						7		
BRIDGE OMISSION: STA. 382+80 TO STA. 389+20								
STA. 389+20 TO STA. 389+22.5						7		
STA. 389+20 TO STA. 389+50					83			
STA. 389+20 TO STA. 532+00	15	79	1642				3263	
STA. 531+70 TO STA. 532+00					83			
STA. 531+97.5 TO STA. 532+00						7		
TOTAL =	66	347	6763	512	436	36	13428	1019

CHESTNUT ST. IMPROVEMENT SCHEDULE			
CODE NO.	ITEM	UNIT	QUANTITY
44000100	PAVEMENT REMOVAL	SQ YD	150
44000600	SIDEWALK REMOVAL	SQ FT	78
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	78
60255500	MANHOLES TO BE ADJUSTED	EACH	1
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	84

AGGREGATE SHOULDERS SCHEDULE	
LOCATION	AGGREGATE SHOULDERS TYPE B
ILLINOIS 99:	TON
STA. 5+28 TO STA. 96+05	635
ILLINOIS 107:	
STA. 16+21 TO STA. 382+80	2566
BRIDGE OMISSION: STA. 382+80 TO STA. 389+20	
STA. 389+20 TO STA. 532+00	1000
EXISTING GUTTER LOCATIONS	-294
TOTAL =	3907

PATCHING SCHEDULE			
LOCATION	PAVEMENT PATCHING TYPE II 11 INCH	PAVEMENT PATCHING TYPE III 11 INCH	PAVEMENT PATCHING TYPE IV 11 INCH
ILLINOIS 107:	SQ YD	SQ YD	SQ YD
LT. STA. 118+75		25	
RT. STA. 118+75		25	
LT. STA. 122+70			50
RT. STA. 122+70			50
STA. 186+70 TO STA. 186+90			56
STA. 406+45 TO STA. 406+65			56
STA. 407+82 TO STA. 408+02			56
LT. STA. 442+00	10		
RT. STA. 442+00	10		
STA. 514+20 TO STA. 514+40			56
TOTAL =	20	50	324

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE		
LOCATION	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL
ILLINOIS 99:	EACH	EACH
STA. 5+28 TO STA. 26+48	28	
STA. 5+28 TO STA. 31+48		34
STA. 26+48 TO STA. 37+28	56	
STA. 31+48 TO STA. 37+28		32
STA. 35+22 TO STA. 37+28	6	6
STA. 36+28 TO STA. 37+28	4	4
STA. 38+04 TO STA. 39+24	4	4
STA. 38+04 TO STA. 44+00		32
STA. 38+04 TO STA. 49+00	56	
STA. 44+00 TO STA. 79+15		45
STA. 49+00 TO STA. 74+15	32	
STA. 74+15 TO STA. 82+15	42	
STA. 79+15 TO STA. 82+15		18
STA. 83+05 TO STA. 85+35	7	7
STA. 83+05 TO STA. 91+05		42
STA. 83+05 TO STA. 96+05	68	
STA. 91+05 TO STA. 96+05		7
ILLINOIS 107:		
STA. 16+67 TO STA. 17+67	4	4
STA. 16+67 TO STA. 22+50		32
STA. 16+67 TO STA. 27+50	56	
STA. 22+50 TO STA. 382+80		451
STA. 27+50 TO STA. 382+80	445	
BRIDGE OMISSION: STA. 382+80 TO STA. 389+20		
STA. 389+20 TO STA. 532+00	180	180
TOTAL =	988	898

ENTRANCE IMPROVEMENT	
ITEM	SQ. YD.
PREPARATION OF BASE	141

COLDMILLING SCHEDULE		
LOCATION	HMA SURFACE REMOVAL 2 1/4"	HMA SURFACE REMOVAL VARIABLE DEPTH
ILLINOIS 99:	SQ YD	SQ YD
STA. 5+28 TO STA. 38+67		12087
STA. 38+67 TO STA. 96+05		18267
ILLINOIS 107:		
STA. 16+49 TO STA. 313+00		83345
STA. 313+00 TO STA. 320+75	2024	
STA. 320+75 TO STA. 339+25		5139
STA. 339+25 TO STA. 343+00	934	
STA. 343+00 TO STA. 356+50		3750
STA. 356+50 TO STA. 362+00	1436	
STA. 362+00 TO STA. 374+25		3403
STA. 374+25 TO STA. 382+80	2271	
BRIDGE OMISSION: STA. 382+80 TO STA. 389+20		
STA. 389+20 TO STA. 433+00	11427	
STA. 433+00 TO STA. 496+50		17639
STA. 496+50 TO STA. 506+00	2414	
STA. 506+00 TO STA. 532+00		7222
TOTAL =	20506	150852

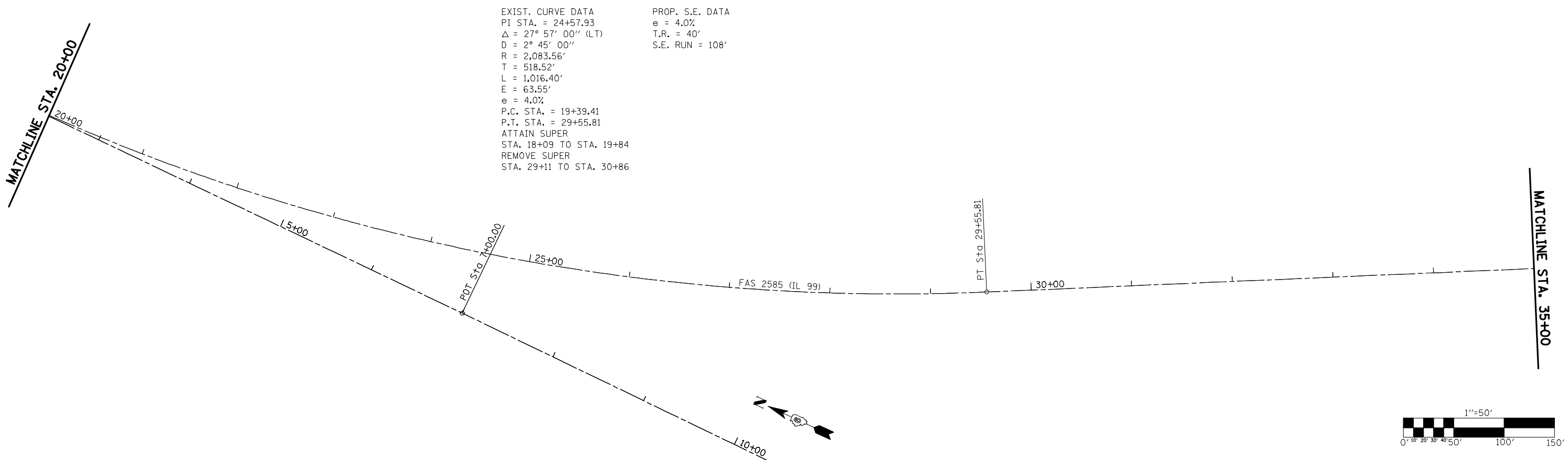
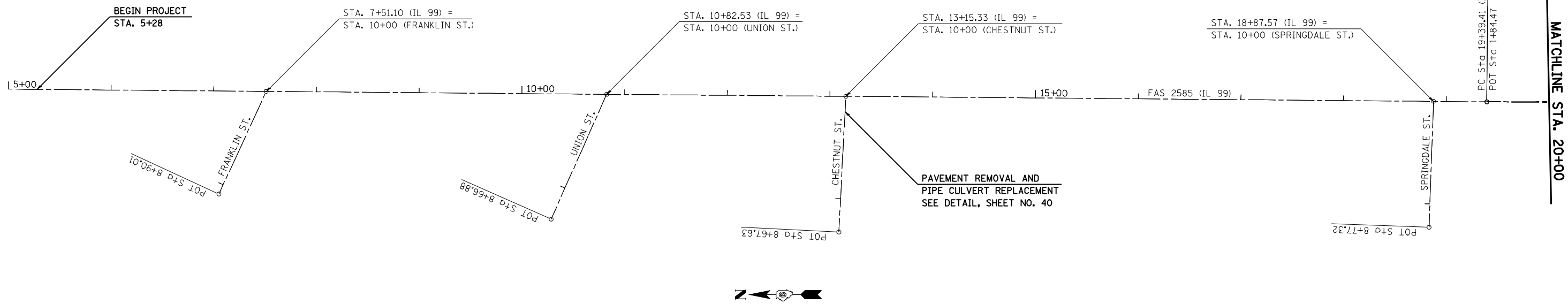
PAVEMENT MARKING SCHEDULE - IL 99						
LOCATION	SHORT TERM PAVEMENT MARKING	THERMO-PLASTIC PAVEMENT MARKING LINE 5"	THERMO-PLASTIC PAVEMENT MARKING LINE 12"	PREFORMED PLASTIC PAVEMENT MARKING TYPE B LETTERS & SYMBOLS	PREFORMED PLASTIC PAVEMENT MARKING TYPE B LINE 5"	PREFORMED PLASTIC PAVEMENT MARKING TYPE B LINE 6"
ILLINOIS 99:	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT
STA. 5+28 TO STA. 26+48 (YELLOW SKIP-DASH)					530	
STA. 5+28 TO STA. 37+28 (YELLOW SKIP-DASH)	584					
LT. STA. 5+28 TO LT. STA. 37+28 (WHITE EDGELINE)		3200				
RT. STA. 5+28 TO RT. STA. 37+28 (WHITE EDGELINE)		3200				
STA. 26+48 TO STA. 31+48 (DOUBLE YELLOW)		1000				
STA. 31+48 TO STA. 36+28 (YELLOW DIAGONAL)			160			
LT. STA. 31+48 TO LT. STA. 36+28 (DOUBLE YELLOW)		960				
RT. STA. 31+48 TO RT. STA. 36+28 (DOUBLE YELLOW)		960				
RT. STA. 33+12 TO RT. STA. 35+22 (WHITE DOTTED)						54
RT. STA. 34+48 TO RT. STA. 36+28 (WHITE DOTTED)						46
RT. STA. 35+22 (WHITE RIGHT TURN ARROW)				8.8		
RT. STA. 35+22 TO RT. STA. 37+28 (WHITE TURN LANE)	40					206
RT. STA. 36+05 (WHITE RIGHT TURN ARROW)				8.8		
STA. 36+28 (WHITE LEFT TURN ARROW)				8.8		
LT. STA. 36+28 TO LT. STA. 37+28 (DOUBLE YELLOW)		200				
RT. STA. 36+28 TO RT. STA. 37+28 (WHITE TURN LANE)	24					100
RT. STA. 36+88 (WHITE RIGHT TURN ARROW)				8.8		
STA. 37+00 (WHITE LEFT TURN ARROW)				8.8		
LT. STA. 38+04 TO LT. STA. 39+24 (WHITE TURN LANE)	24					120
RT. STA. 38+04 TO RT. STA. 39+24 (DOUBLE YELLOW)		240				
STA. 38+04 TO STA. 82+15 (YELLOW SKIP-DASH)	808					
LT. STA. 38+04 TO LT. STA. 96+05 (WHITE EDGELINE)		5801				
RT. STA. 38+04 TO RT. STA. 96+05 (WHITE EDGELINE)		5801				
STA. 38+35 (WHITE LEFT TURN ARROW)				8.8		
STA. 39+24 (WHITE LEFT TURN ARROW)				8.8		
LT. STA. 39+24 TO LT. STA. 41+04 (WHITE DOTTED)						46
STA. 39+24 TO STA. 44+00 (YELLOW DIAGONAL)			160			
LT. STA. 39+24 TO LT. STA. 44+00 (DOUBLE YELLOW)		952				
RT. STA. 39+24 TO RT. STA. 44+00 (DOUBLE YELLOW)		952				
STA. 44+00 TO STA. 49+00 (DOUBLE YELLOW)		1000				
STA. 49+00 TO STA. 74+15 (YELLOW SKIP-DASH)					630	
STA. 74+15 TO STA. 79+15 (DOUBLE YELLOW)		1000				
STA. 79+15 TO STA. 82+15 (YELLOW DIAGONAL)			80			
LT. STA. 79+15 TO LT. STA. 82+15 (DOUBLE YELLOW)		600				
RT. STA. 79+15 TO RT. STA. 82+15 (DOUBLE YELLOW)		600				
LT. STA. 83+05 TO LT. STA. 85+35 (WHITE TURN LANE)	48					230
RT. STA. 83+05 TO RT. STA. 85+35 (DOUBLE YELLOW)		460				
STA. 83+05 TO STA. 96+05 (YELLOW SKIP-DASH)	240					
STA. 83+35 (WHITE LEFT TURN ARROW)				15.6		
STA. 84+35 (WHITE LEFT TURN ARROW)				15.6		
STA. 85+35 (WHITE LEFT TURN ARROW)				15.6		
LT. STA. 85+35 TO LT. STA. 88+05 (WHITE DOTTED)						68
STA. 85+35 TO STA. 91+05 (YELLOW DIAGONAL)			160			
LT. STA. 85+35 TO LT. STA. 91+05 (DOUBLE YELLOW)		1140				
RT. STA. 85+35 TO RT. STA. 91+05 (DOUBLE YELLOW)		1140				
STA. 91+05 TO STA. 96+05 (DOUBLE YELLOW)		1000				
ILLINOIS 99 SUBTOTAL =	1768	30206	560	108.4	1160	870

PAVEMENT MARKING SCHEDULE - IL 107								
LOCATION	SHORT TERM PAVEMENT MARKING	THERMO-PLASTIC PAVEMENT MARKING LINE 5"	THERMO-PLASTIC PAVEMENT MARKING LINE 12"	PAINT PAVEMENT MARKING LINE 5"	PREFORMED PLASTIC PAVEMENT MARKING TYPE B LETTERS & SYMBOLS	PREFORMED PLASTIC PAVEMENT MARKING TYPE B LINE 5"	PREFORMED PLASTIC PAVEMENT MARKING TYPE B LINE 6"	PREFORMED PLASTIC PAVEMENT MARKING TYPE B LINE 24"
	FOOT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT
ILLINOIS 107:								
LT. STA. 16+67 (WHITE STOP BAR)								32
LT. STA. 16+67 TO LT. STA. 17+67 (WHITE TURN LANE)	24						100	
RT. STA. 16+67 TO RT. STA. 17+67 (DOUBLE YELLOW)		200						
LT. STA. 16+67 TO LT. STA. 27+50 (WHITE EDGELINE)			1083					
RT. STA. 16+67 TO RT. STA. 27+50 (WHITE EDGELINE)			1083					
STA. 16+67 TO STA. 382+80 (YELLOW SKIP-DASH)	6664							
STA. 17+00 (WHITE LEFT TURN ARROW)					8.8			
STA. 17+67 (WHITE LEFT TURN ARROW)					8.8			
STA. 17+67 TO STA. 22+50 (YELLOW DIAGONAL)			200					
LT. STA. 17+67 TO LT. STA. 19+50 (WHITE DOTTED)							46	
LT. STA. 17+67 TO LT. STA. 22+50 (DOUBLE YELLOW)		966						
RT. STA. 17+67 TO RT. STA. 22+50 (DOUBLE YELLOW)		966						
STA. 22+50 TO STA. 27+50 (DOUBLE YELLOW)		1000						
STA. 27+50 TO STA. 131+50 (YELLOW SKIP-DASH)				2600				
LT. STA. 27+50 TO LT. STA. 382+80 (WHITE EDGELINE)				35530				
RT. STA. 27+50 TO RT. STA. 382+80 (WHITE EDGELINE)				35530				
RT. STA. 70+50 TO RT. STA. 84+50 (YELLOW NO PASSING)				1400				
LT. STA. 86+75 TO LT. STA. 94+00 (YELLOW NO PASSING)				725				
RT. STA. 125+75 TO RT. STA. 137+00 (YELLOW NO PASSING)				1125				
LT. STA. 131+50 TO LT. STA. 147+00 (YELLOW NO PASSING)				1550				
STA. 137+00 TO STA. 175+00 (YELLOW SKIP-DASH)				950				
RT. STA. 168+00 TO RT. STA. 182+00 (YELLOW NO PASSING)				1400				
LT. STA. 175+00 TO LT. STA. 191+50 (YELLOW NO PASSING)				1650				
STA. 182+00 TO STA. 223+00 (YELLOW SKIP-DASH)				1030				
RT. STA. 211+00 TO RT. STA. 216+50 (YELLOW NO PASSING)				550				
LT. STA. 220+50 TO LT. STA. 247+50 (YELLOW NO PASSING)				2700				
RT. STA. 223+00 TO RT. STA. 237+00 (YELLOW NO PASSING)				1400				
STA. 237+00 TO STA. 299+50 (YELLOW SKIP-DASH)				1570				
RT. STA. 289+50 TO RT. STA. 317+00 (YELLOW NO PASSING)				2750				
LT. STA. 299+50 TO LT. STA. 327+50 (YELLOW NO PASSING)				2800				
STA. 317+00 TO STA. 350+00 (YELLOW SKIP-DASH)				830				
RT. STA. 340+50 TO RT. STA. 376+50 (YELLOW NO PASSING)				3600				
LT. STA. 350+00 TO LT. STA. 382+80 (YELLOW NO PASSING)				3280				
STA. 376+50 TO STA. 382+80 (YELLOW SKIP-DASH)				160				
STA. 389+20 TO STA. 426+50 (YELLOW SKIP-DASH)				940				
STA. 389+20 TO STA. 532+00 (YELLOW SKIP-DASH)	2600							
LT. STA. 389+20 TO LT. STA. 532+00 (WHITE EDGELINE)				14280				
RT. STA. 389+20 TO RT. STA. 532+00 (WHITE EDGELINE)				14280				
RT. STA. 417+50 TO RT. STA. 434+00 (YELLOW NO PASSING)				1650				
LT. STA. 426+50 TO LT. STA. 443+00 (YELLOW NO PASSING)				1650				
STA. 434+00 TO STA. 495+00 (YELLOW SKIP-DASH)				1530				
RT. STA. 487+50 TO RT. STA. 498+50 (YELLOW NO PASSING)				1100				
LT. STA. 495+00 TO LT. STA. 509+00 (YELLOW NO PASSING)				1400				
STA. 498+50 TO STA. 532+00 (YELLOW SKIP-DASH)				840				
RT. STA. 515+00 TO RT. STA. 525+00 (YELLOW NO PASSING)				1000				
LT. STA. 525+00 TO LT. STA. 531+00 (YELLOW NO PASSING)				600				
ILLINOIS 107 SUBTOTAL =	9288	5298	200	142400	17.6		146	32
TOTAL =	11056	35504	760	142400	126.0	1160	1016	32



DRAINAGE SCHEDULE													
LOCATION	GUTTER REMOVAL	CONCRETE GUTTER TYPE A	TRENCH BACKFILL SPECIAL	PIPE CULVERT CLASS A TYPE 1			PRC FLARED END SECTION			STONE DUMPED RIPRAP CLASS A4 SPECIAL	RIPRAP SLURRY	MANHOLES TYPE A 4' DIAMETER W/MED. INLET (604101)	INSERTION CULVERT LINER 42"
				24"	30"	36"	24"	30"	36"				
ILLINOIS 107:	FOOT	FOOT	CU YD	FOOT			EACH			TON	SQ YD	EACH	FOOT
STA. 186+80			60			60			2	23	46		
STA. 307+20										50	100		152
STA. 406+55	40	40	52	67			1			26	53	1	
STA. 407+92	40	40	37	60			1			37	76	1	
STA. 514+30			67		60			2		32	62		
TOTAL =	80	80	216	127	60	60	2	2	2	168	337	2	152

GUARDRAIL SCHEDULE				
LOCATION	SPBGR TYPE A 9' POST	TBT TYPE 1 (SPECIAL) TANGENT	REMOVAL AND REPLACEMENT OF SPBGR RAIL ELEMENT	GUARDRAIL REMOVAL
ILLINOIS 107:	FOOT	EACH	FOOT	FOOT
RT. STA. 283+65 TO RT. STA. 285+65		2		100
LT. STA. 284+45 TO LT. STA. 286+45		2		100
RT. STA. 292+60 TO RT. STA. 295+60		2		100
LT. STA. 293+25 TO LT. STA. 295+25		2		100
RT. STA. 305+70 TO RT. STA. 307+20	50	2		150
LT. STA. 306+00 TO LT. STA. 308+00	100	2		200
RT. STA. 356+25 TO RT. STA. 361+75		2	12.5	100
LT. STA. 359+50 TO LT. STA. 361+50		2		100
RT. STA. 382+55			25	
LT. STA. 399+22 TO LT. STA. 400+72		2		100
RT. STA. 415+50 TO RT. STA. 417+75	125	2		225
TOTAL =	275	20	37.5	1275



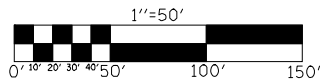
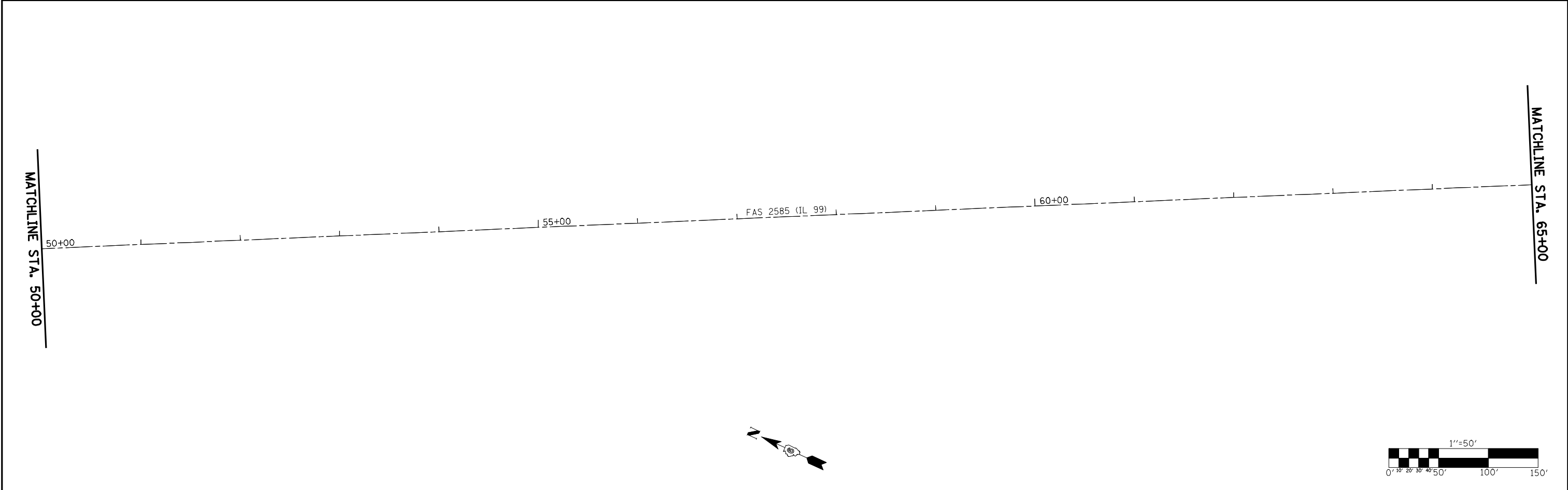
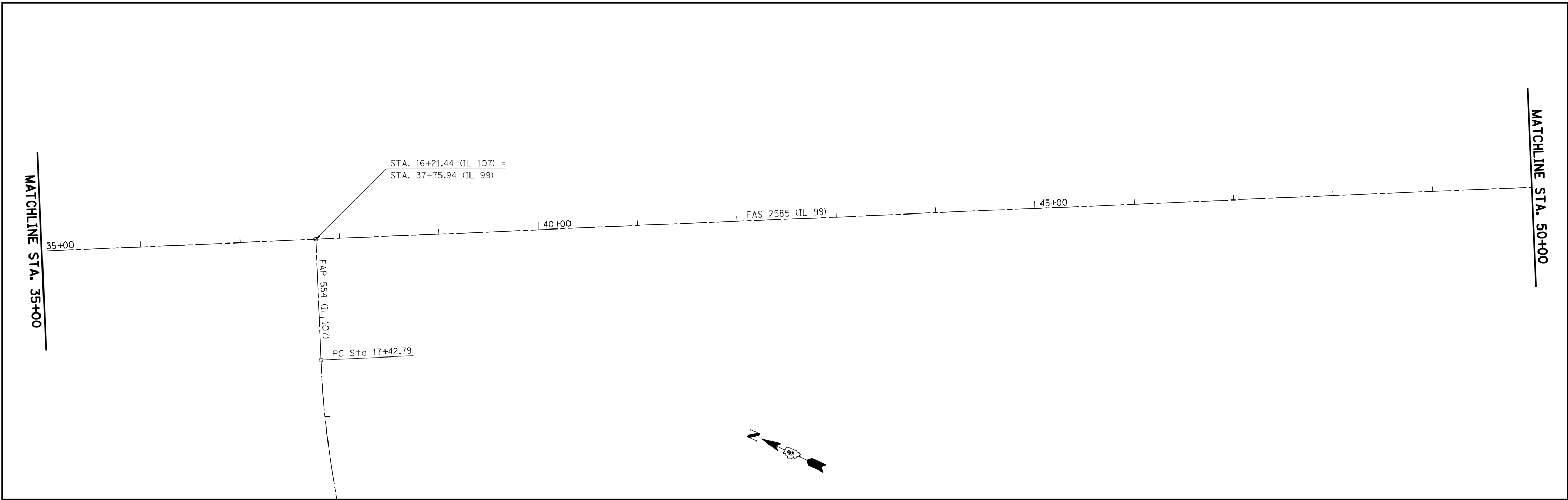
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	PLOT DATE = Apr-08-2010 03:18:10PM	DATE -	REVISED -


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAS 2585 (ILLINOIS 99)

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 5+00 TO STA. 35+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2585	121(RS-5)	BROWN	49	12
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				



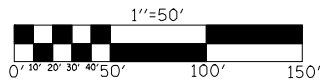
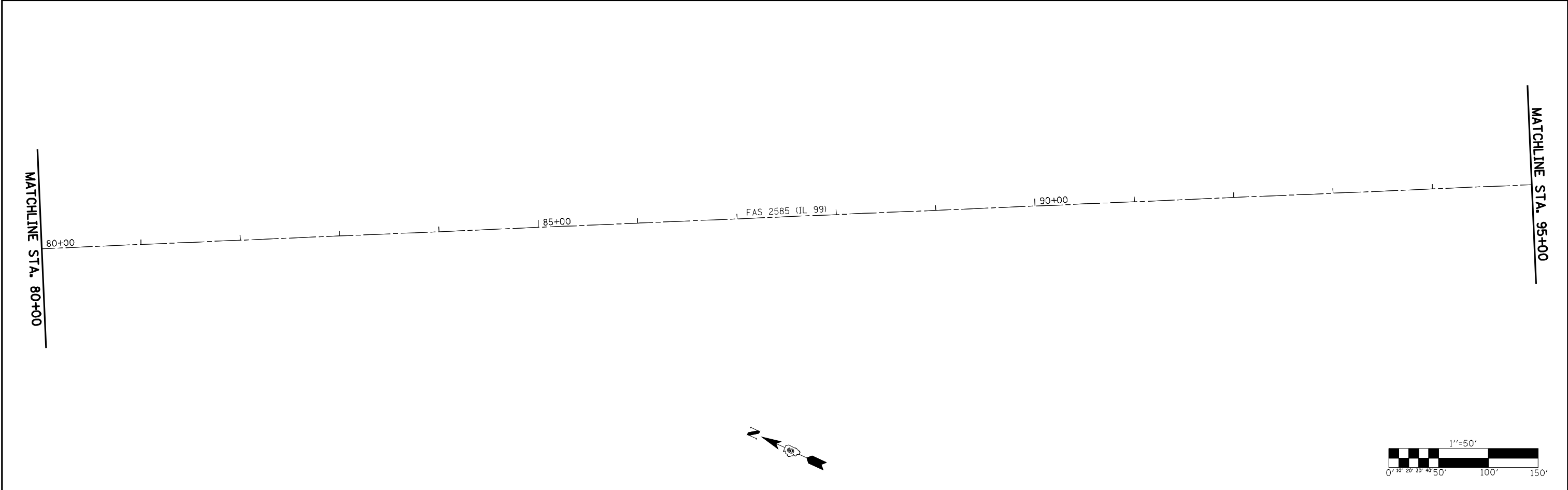
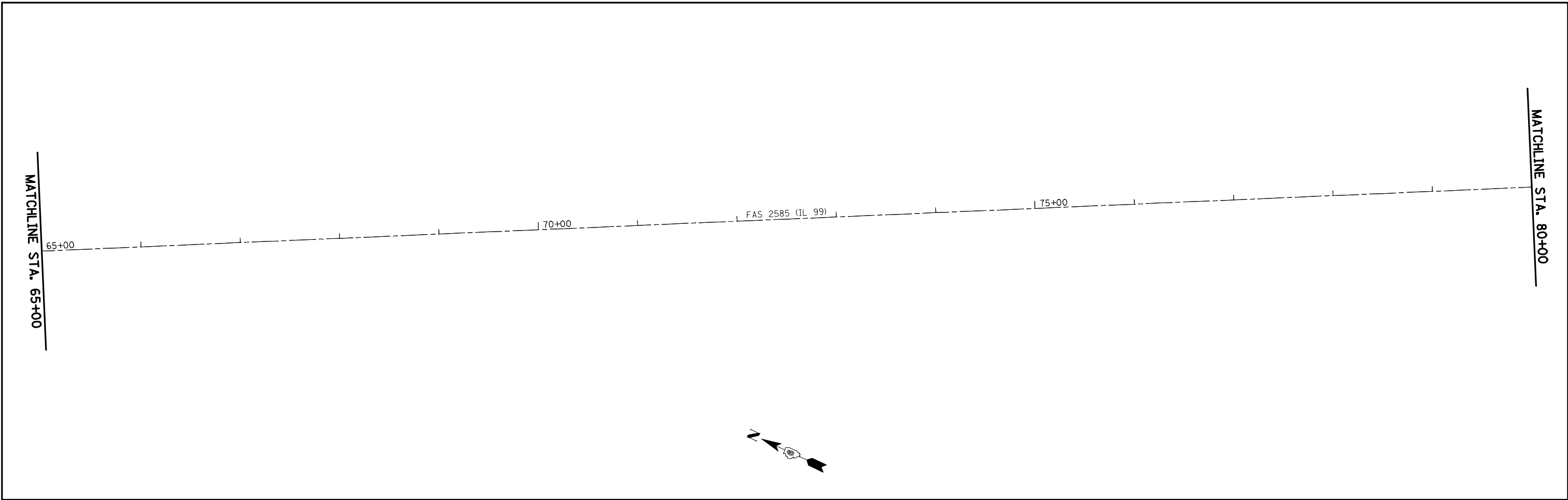
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 Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -
PLOT DATE = Apr-08-2010 03:18:16PM	DATE -	CHECKED -	REVISED -


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAS 2585 (ILLINOIS 99)

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 35+00 TO STA. 65+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2585	121(RS-5)	BROWN	49	13
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				



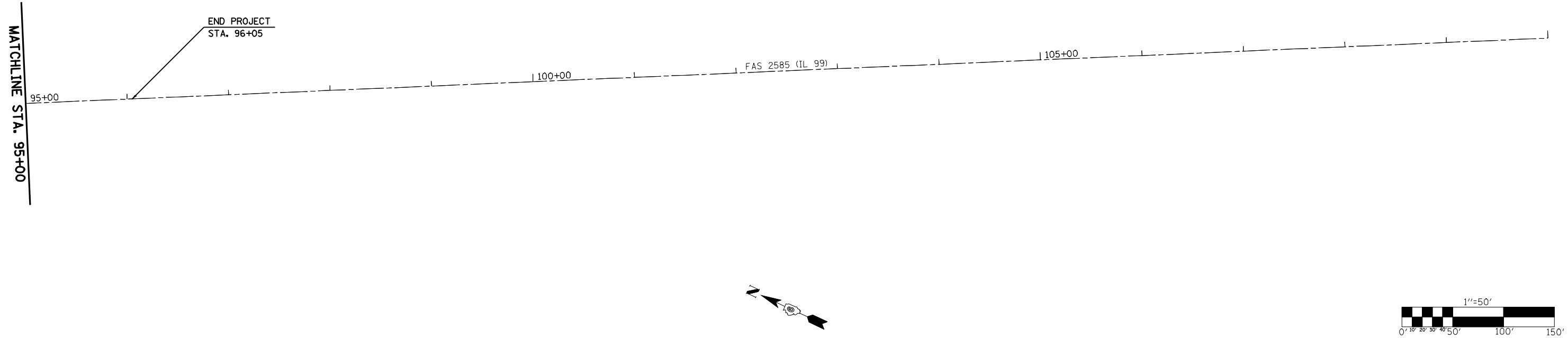
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	PLOT DATE = Apr-08-2010 03:18:22PM	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAS 2585 (ILLINOIS 99)

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2585	121(RS-5)	BROWN	49	14
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Apr-08-2010 03:18:29PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAS 2585 (ILLINOIS 99)

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 95+00 TO STA. 110+00

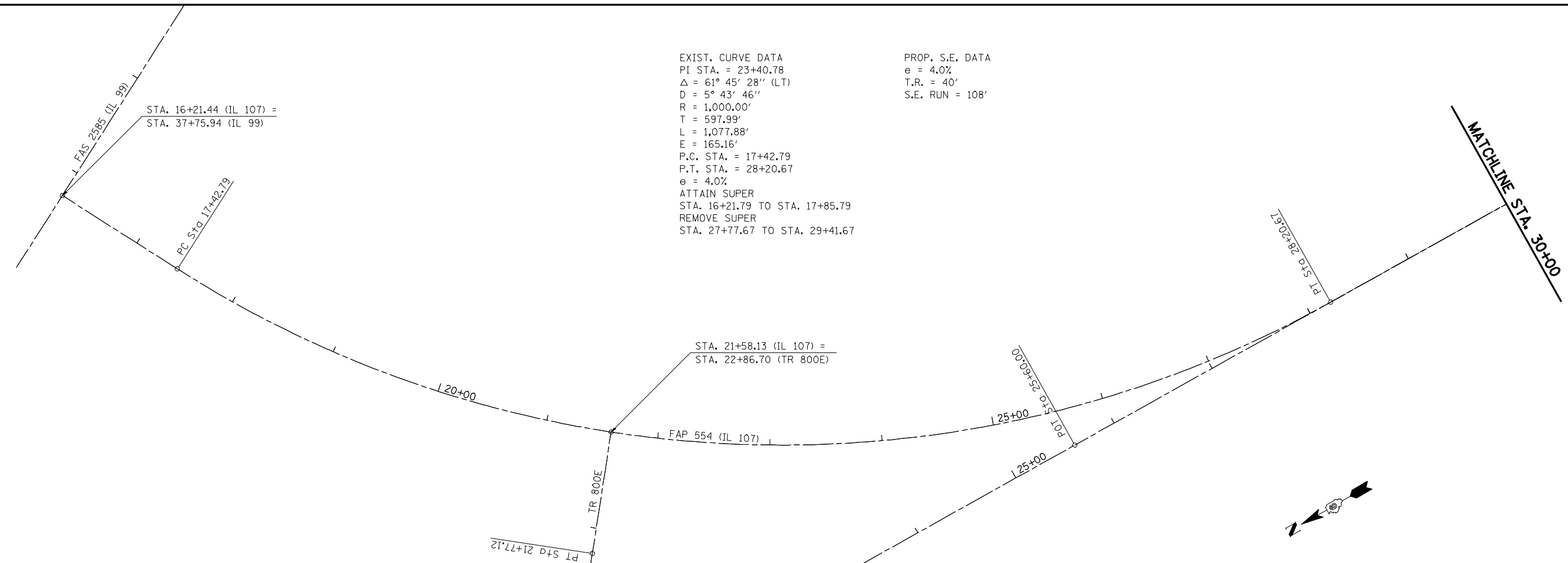
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2585	121(RS-5)	BROWN	49	15
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72C37	

EXIST. CURVE DATA
 PI STA. = 23+40.78
 Δ = 61° 45' 28" (LT)
 D = 5° 43' 46"
 R = 1,000.00'
 T = 597.99'
 L = 1,077.88'
 E = 165.16'
 P.C. STA. = 17+42.79
 P.T. STA. = 28+20.67
 e = 4.0%
 ATTAIN SUPER
 STA. 16+21.79 TO STA. 17+85.79
 REMOVE SUPER
 STA. 27+77.67 TO STA. 29+41.67

PROP. S.E. DATA
 e = 4.0%
 T.R. = 40'
 S.E. RUN = 108'

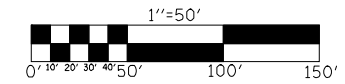
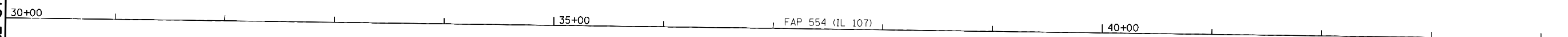
STA. 16+21.44 (IL 107) =
 STA. 37+75.94 (IL 99)

STA. 21+58.13 (IL 107) =
 STA. 22+86.70 (TR 800E)



MATCHLINE STA. 30+00

MATCHLINE STA. 45+00



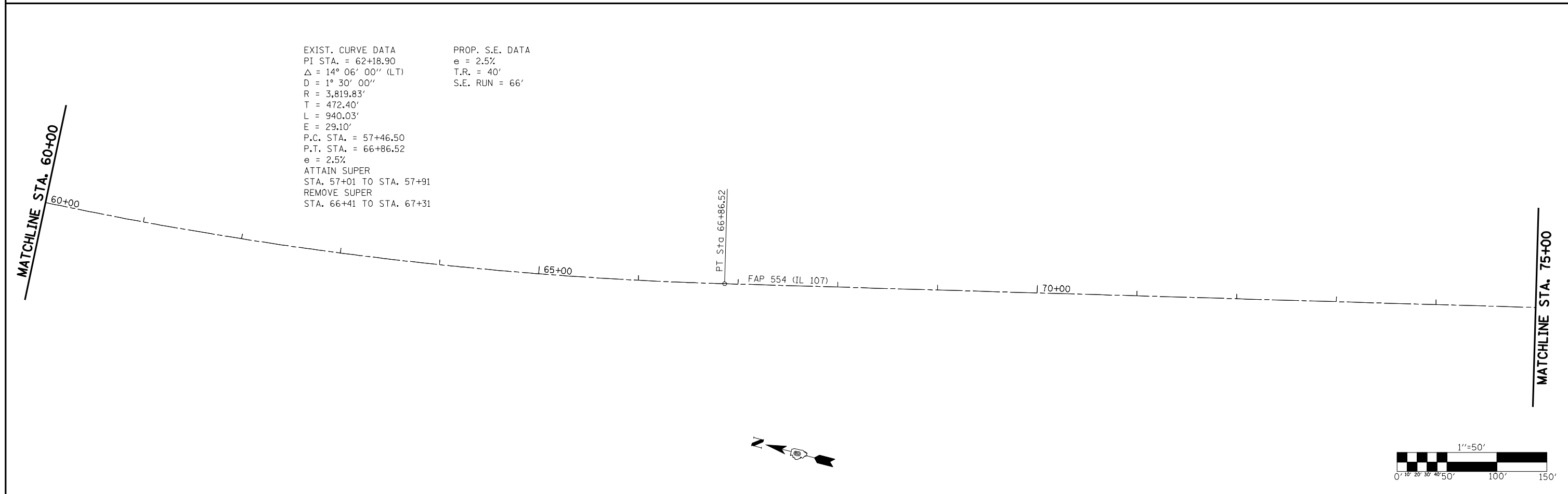
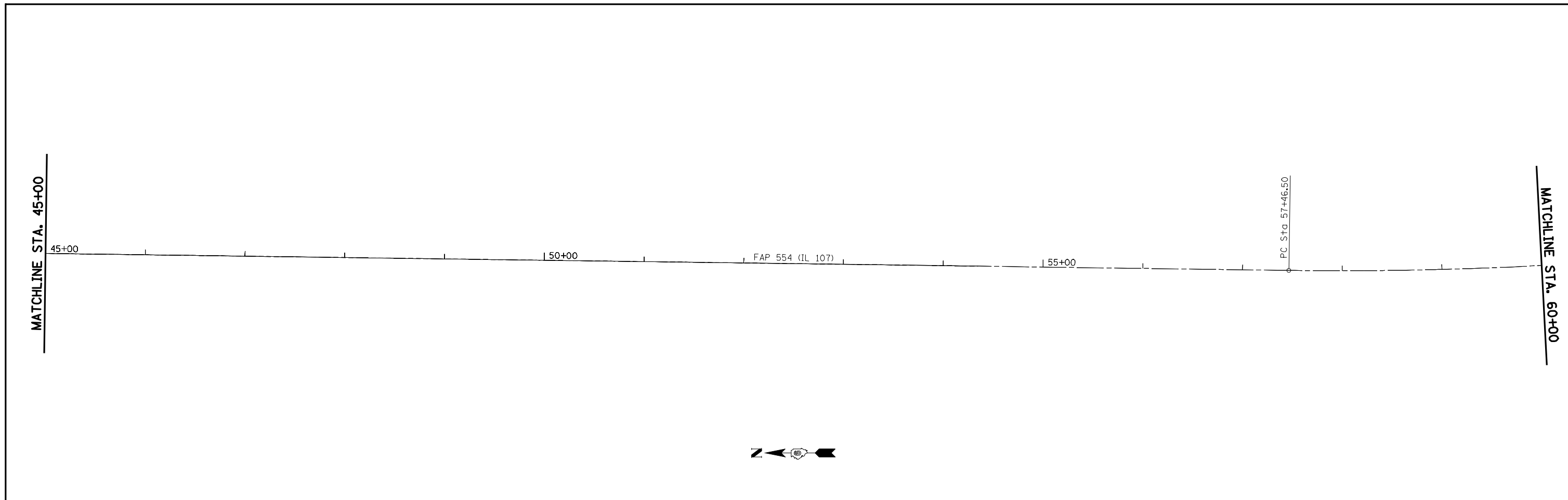
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		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAP 554 (ILLINOIS 107)

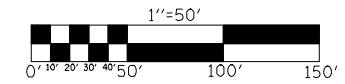
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 16+21.44 TO STA. 45+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	16
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE DATA
 PI STA. = 62+18.90
 $\Delta = 14^\circ 06' 00''$ (LT)
 D = $1^\circ 30' 00''$
 R = 3,819.83'
 T = 472.40'
 L = 940.03'
 E = 29.10'
 P.C. STA. = 57+46.50
 P.T. STA. = 66+86.52
 e = 2.5%
 ATTAIN SUPER
 STA. 57+01 TO STA. 57+91
 REMOVE SUPER
 STA. 66+41 TO STA. 67+31

PROP. S.E. DATA
 e = 2.5%
 T.R. = 40'
 S.E. RUN = 66'



FILE NAME = e:\pwwork\pwwid\LAUGHLINRL\0200040\672C37-shr-plan.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAP 554 (ILLINOIS 107)

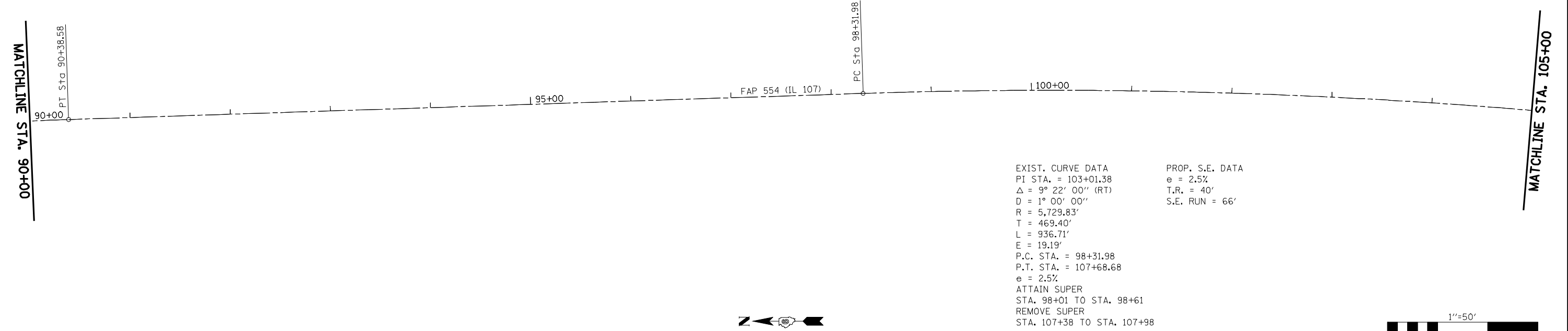
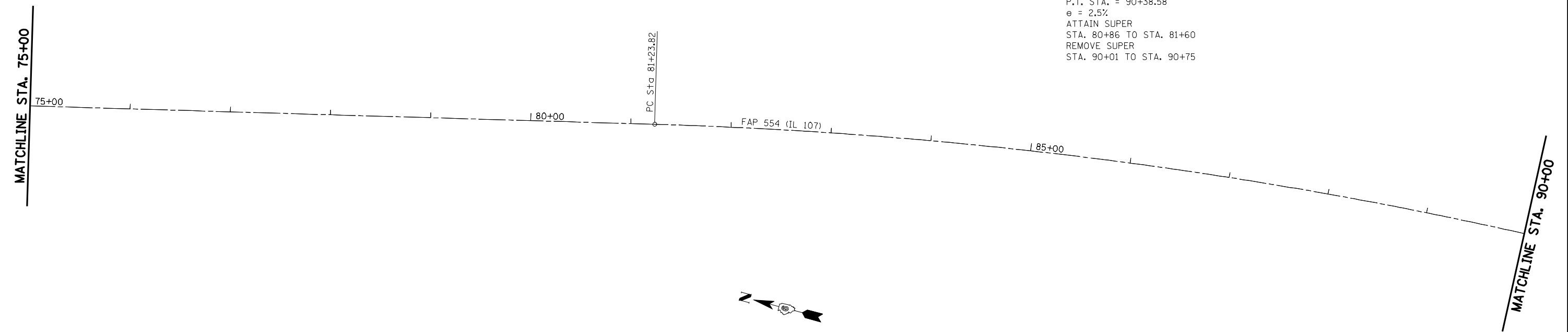
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 45+00 TO STA. 75+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	17
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				



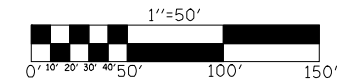
EXIST. CURVE DATA
 PI STA. = 85+82.72
 $\Delta = 11^\circ 26' 00''$ (RT)
 D = 1° 15' 00"
 R = 4,584.09'
 T = 458.90'
 L = 914.75'
 E = 22.91'
 P.C. STA. = 81+23.82
 P.T. STA. = 90+38.58
 e = 2.5%
 ATTAIN SUPER
 STA. 80+86 TO STA. 81+60
 REMOVE SUPER
 STA. 90+01 TO STA. 90+75

PROP. S.E. DATA
 e = 2.5%
 T.R. = 40'
 S.E. RUN = 66'



EXIST. CURVE DATA
 PI STA. = 103+01.38
 $\Delta = 9^\circ 22' 00''$ (RT)
 D = 1° 00' 00"
 R = 5,729.83'
 T = 469.40'
 L = 936.71'
 E = 19.19'
 P.C. STA. = 98+31.98
 P.T. STA. = 107+68.68
 e = 2.5%
 ATTAIN SUPER
 STA. 98+01 TO STA. 98+61
 REMOVE SUPER
 STA. 107+38 TO STA. 107+98

PROP. S.E. DATA
 e = 2.5%
 T.R. = 40'
 S.E. RUN = 66'



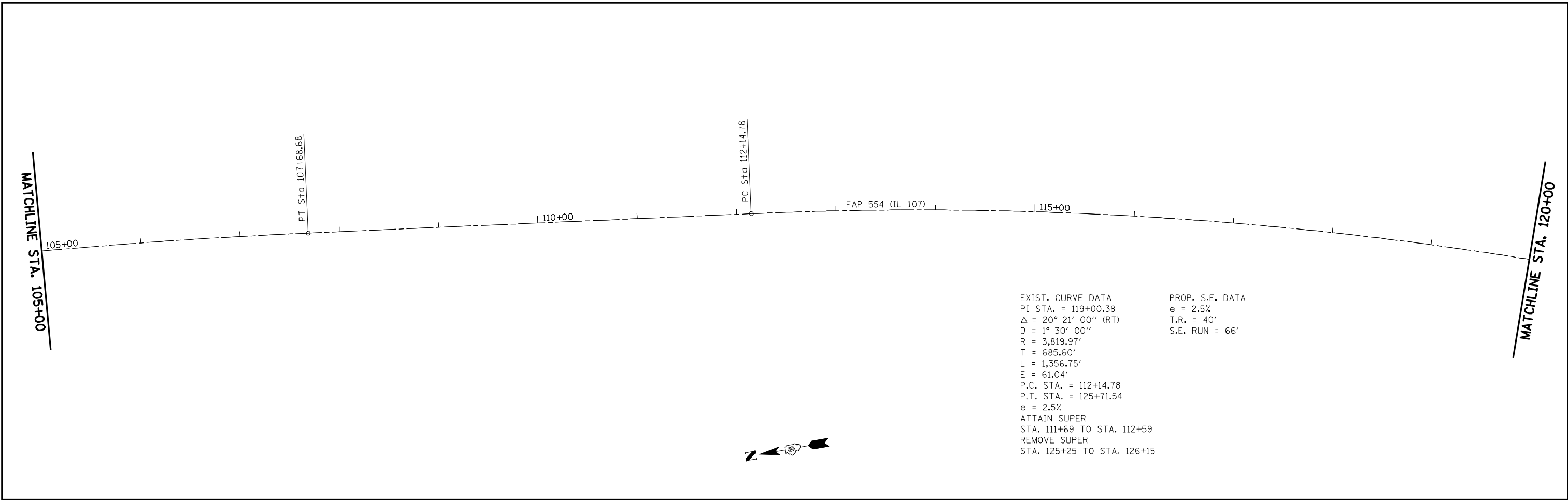
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		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAP 554 (ILLINOIS 107)

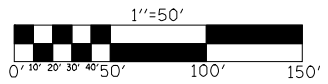
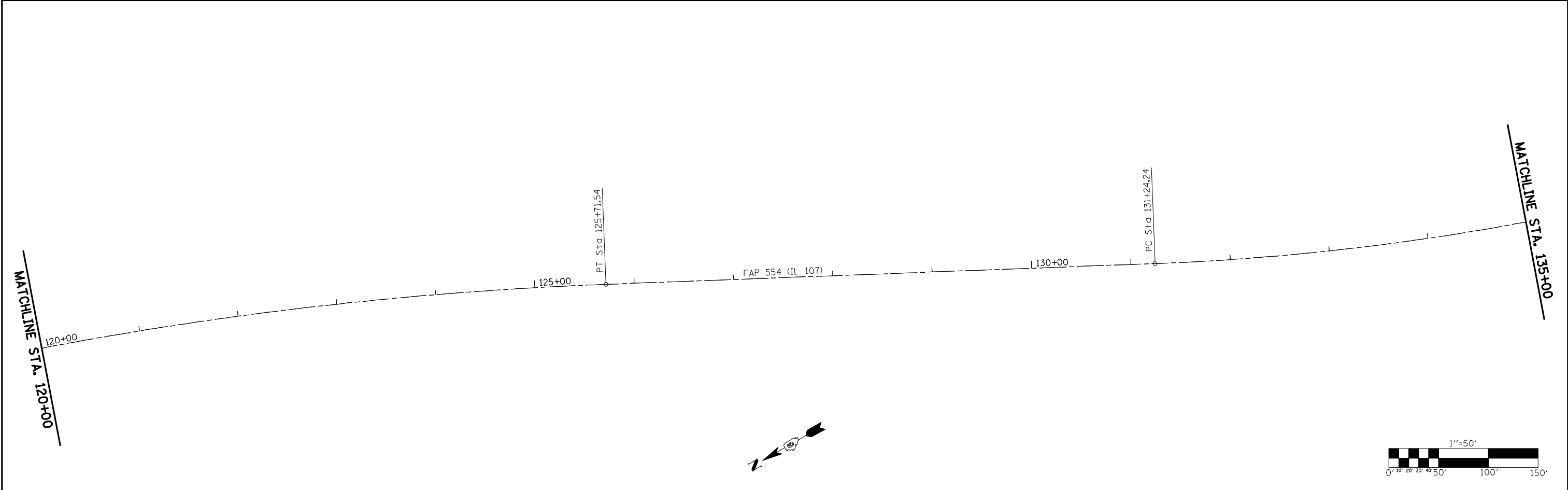
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 75+00 TO STA. 105+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	18
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE DATA
 PI STA. = 119+00.38
 Δ = 20° 21' 00" (RT)
 D = 1° 30' 00"
 R = 3,819.97'
 T = 685.60'
 L = 1,356.75'
 E = 61.04'
 P.C. STA. = 112+14.78
 P.T. STA. = 125+71.54
 e = 2.5%
 ATTAIN SUPER
 STA. 111+69 TO STA. 112+59
 REMOVE SUPER
 STA. 125+25 TO STA. 126+15

PROP. S.E. DATA
 e = 2.5%
 T.R. = 40'
 S.E. RUN = 66'



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
er:\pwwork\pwidot\LAUGHLINRL\0200040\672C37-shr-plan.dgn		DRAWN -	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAP 554 (ILLINOIS 107)

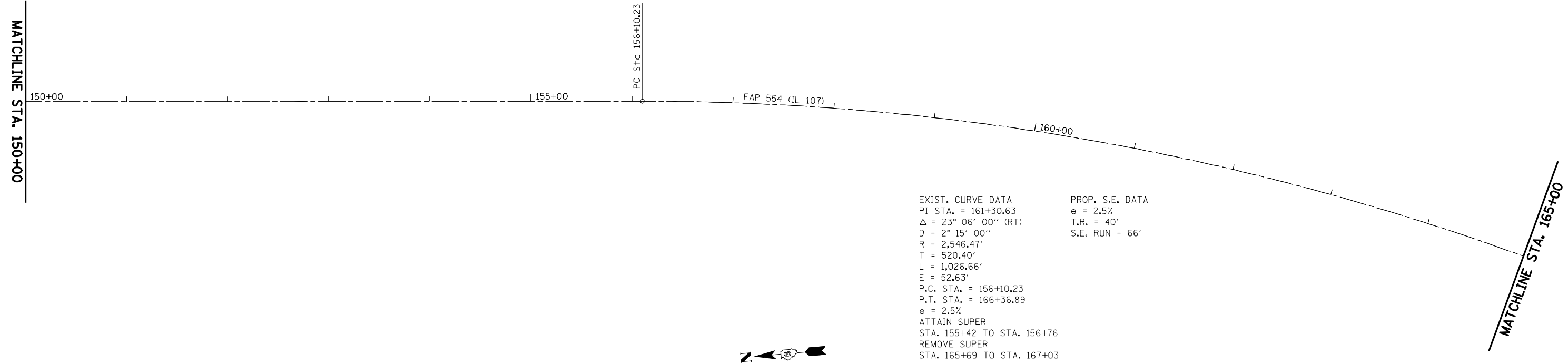
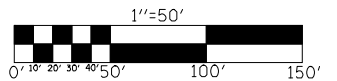
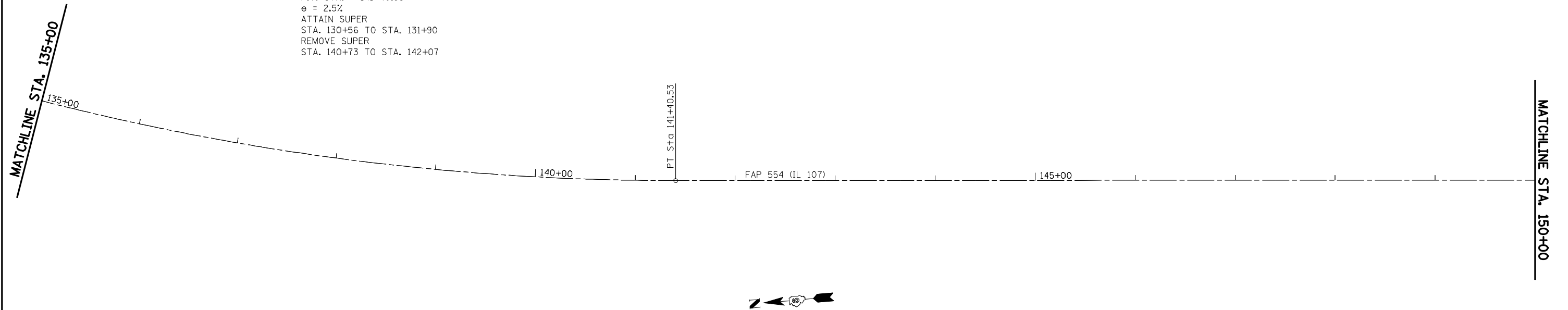
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 105+00 TO STA. 135+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	19
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE DATA
 PI STA. = 136+39.24
 Δ = 22° 52' 00" (LT)
 D = 2° 15' 00"
 R = 2,546.47'
 T = 515.00'
 L = 1,016.29'
 E = 51.56'
 P.C. STA. = 131+24.24
 P.T. STA. = 141+40.53
 e = 2.5%
 ATTAIN SUPER
 STA. 130+56 TO STA. 131+90
 REMOVE SUPER
 STA. 140+73 TO STA. 142+07

PROP. S.E. DATA
 e = 2.5%
 T.R. = 40'
 S.E. RUN = 66'



EXIST. CURVE DATA
 PI STA. = 161+30.63
 Δ = 23° 06' 00" (RT)
 D = 2° 15' 00"
 R = 2,546.47'
 T = 520.40'
 L = 1,026.66'
 E = 52.63'
 P.C. STA. = 156+10.23
 P.T. STA. = 166+36.89
 e = 2.5%
 ATTAIN SUPER
 STA. 155+42 TO STA. 156+76
 REMOVE SUPER
 STA. 165+69 TO STA. 167+03

PROP. S.E. DATA
 e = 2.5%
 T.R. = 40'
 S.E. RUN = 66'

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
es:\pwwork\PIWIDOT\LAUGHLINRL\0200040\672C37-shr-plan.dgn		DRAWN -	REVISED -
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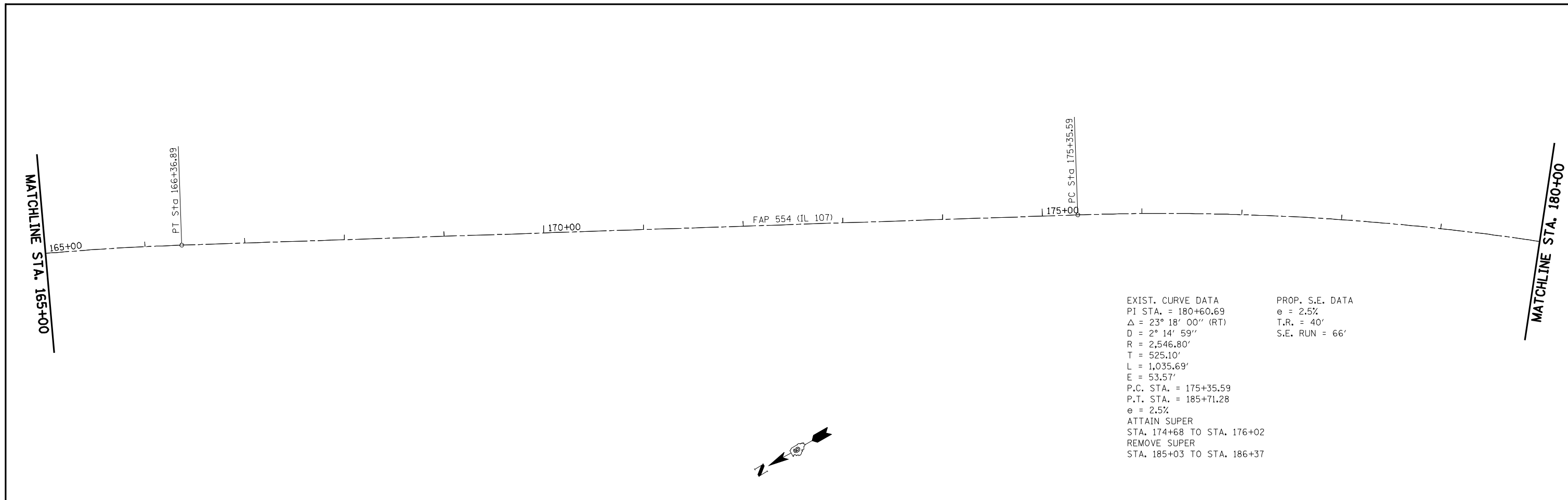
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAP 554 (ILLINOIS 107)

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 135+00 TO STA. 165+00

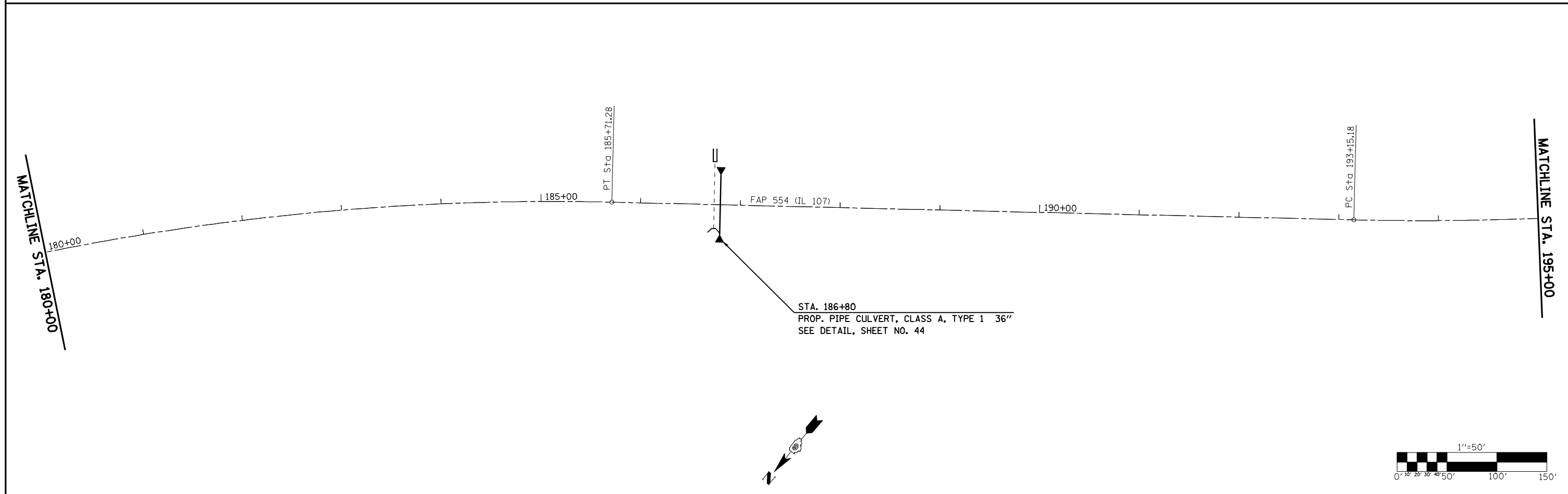
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	20
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				



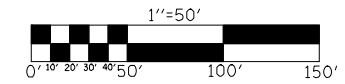


EXIST. CURVE DATA
 PI STA. = 180+60.69
 Δ = 23° 18' 00" (RT)
 D = 2° 14' 59"
 R = 2,546.80'
 T = 525.10'
 L = 1,035.69'
 E = 53.57'
 P.C. STA. = 175+35.59
 P.T. STA. = 185+71.28
 e = 2.5%
 ATTAIN SUPER
 STA. 174+68 TO STA. 176+02
 REMOVE SUPER
 STA. 185+03 TO STA. 186+37

PROP. S.E. DATA
 e = 2.5%
 T.R. = 40'
 S.E. RUN = 66'



STA. 186+80
 PROP. PIPE CULVERT, CLASS A, TYPE 1 36"
 SEE DETAIL, SHEET NO. 44



FILE NAME = e:\pwwork\p\WIDOT\LAUGHLINRL\0200040\672C37-shr-plan.dgn 	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 554 (ILLINOIS 107)			F.A.P. RTE. 554	SECTION 16(RS-6) & 18(RS-6)	COUNTY BROWN	TOTAL SHEETS 49	SHEET NO. 21
	PLOT SCALE = 100.0000' / IN. PLOT DATE = Apr-08-2010 03:19:06PM	DRAWN -	CHECKED -		REVISED -	SCALE: 1" = 50'	SHEET NO. OF SHEETS	STA. 165+00 TO STA. 195+00	CONTRACT NO. 72C37 ILLINOIS FED. AID PROJECT			

MATCHLINE STA. 195+00

EXIST. CURVE DATA
 PI STA. = 199+53.88
 $\Delta = 25^\circ 08' 00''$ (LT)
 D = $1^\circ 59' 59''$
 R = 2,865.21'
 T = 638.70'
 L = 1,256.85'
 E = 70.33'
 P.C. STA. = 193+15.18
 P.T. STA. = 205+72.03
 e = 2.5%
 ATTAIN SUPER
 STA. 192+56 TO STA. 193+74
 REMOVE SUPER
 STA. 205+13 TO STA. 206+31

PROP. S.E. DATA
 e = 2.5%
 T.R. = 40'
 S.E. RUN = 66'

195+00

200+00

FAP 554 (IL 107)

205+00

P.T. Sta. 205+72.03

MATCHLINE STA. 210+00



MATCHLINE STA. 210+00

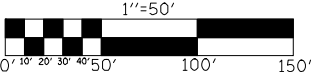
210+00

215+00

FAP 554 (IL 107)

220+00

MATCHLINE STA. 225+00



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		DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET FAP 554 (ILLINOIS 107)

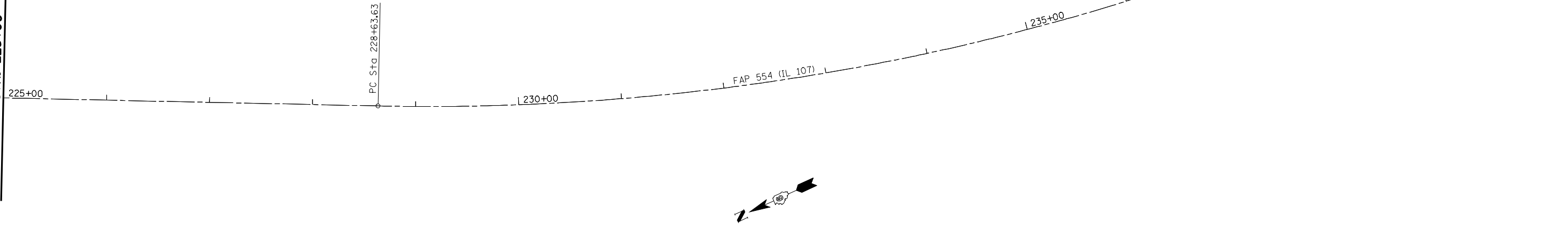
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 195+00 TO STA. 225+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	22
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE DATA
 PI STA. = 235+72.03
 $\Delta = 34^\circ 21' 00''$ (LT)
 D = 2° 29' 59"
 R = 2,292.01'
 T = 708.40'
 L = 1,374.11'
 E = 106.98'
 P.C. STA. = 228+63.63
 P.T. STA. = 242+37.74
 e = 2.5%
 ATTAIN SUPER
 STA. 227+88 TO STA. 229+37
 REMOVE SUPER
 STA. 241+62 TO STA. 243+11

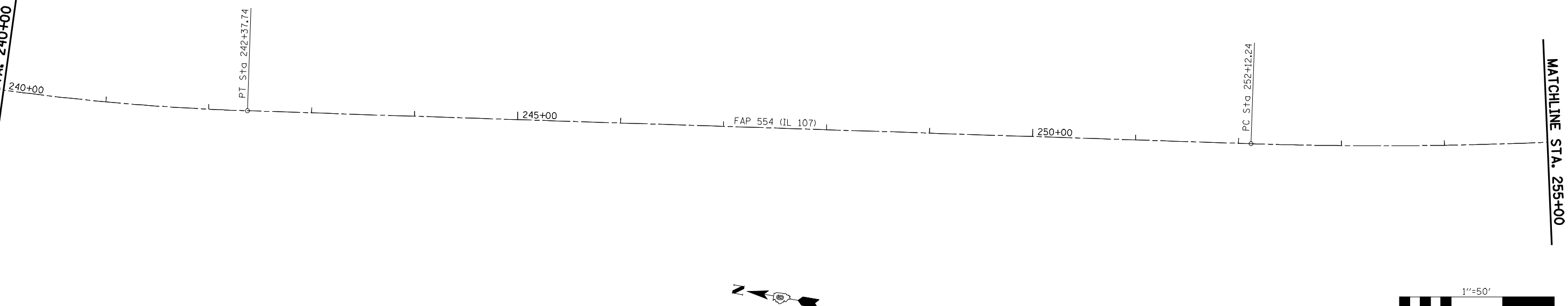
PROP. S.E. DATA
 e = 2.5%
 T.R. = 40'
 S.E. RUN = 66'

MATCHLINE STA. 225+00

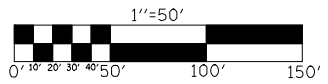


MATCHLINE STA. 240+00

MATCHLINE STA. 240+00



MATCHLINE STA. 255+00



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	Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = Apr-08-2010 03:19:28PM		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAP 554 (ILLINOIS 107)

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 225+00 TO STA. 255+00

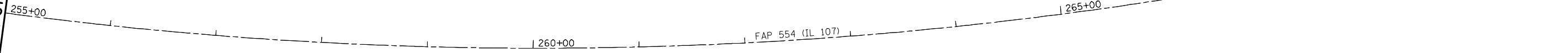
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	23
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				

EXIST. CURVE DATA
 PI STA. = 261+52.84
 Δ = 27° 40' 00" (LT)
 D = 1° 30' 00"
 R = 3,819.84'
 T = 940.60'
 L = 1,844.50'
 E = 114.10'
 P.C. STA. = 252+12.24
 P.T. STA. = 270+56.74
 e = 2.5%
 ATTAIN SUPER
 STA. 251+66 TO STA. 252+56
 REMOVE SUPER
 STA. 270+11 TO STA. 271+01

PROP. S.E. DATA
 e = 2.5%
 T.R. = 40'
 S.E. RUN = 66'

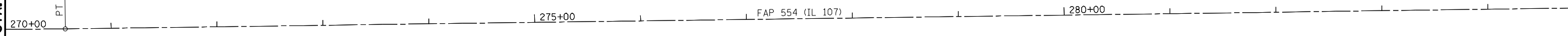
MATCHLINE STA. 255+00

MATCHLINE STA. 270+00

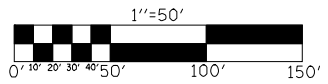


MATCHLINE STA. 270+00

MATCHLINE STA. 285+00



PT Sta. 270+56.74



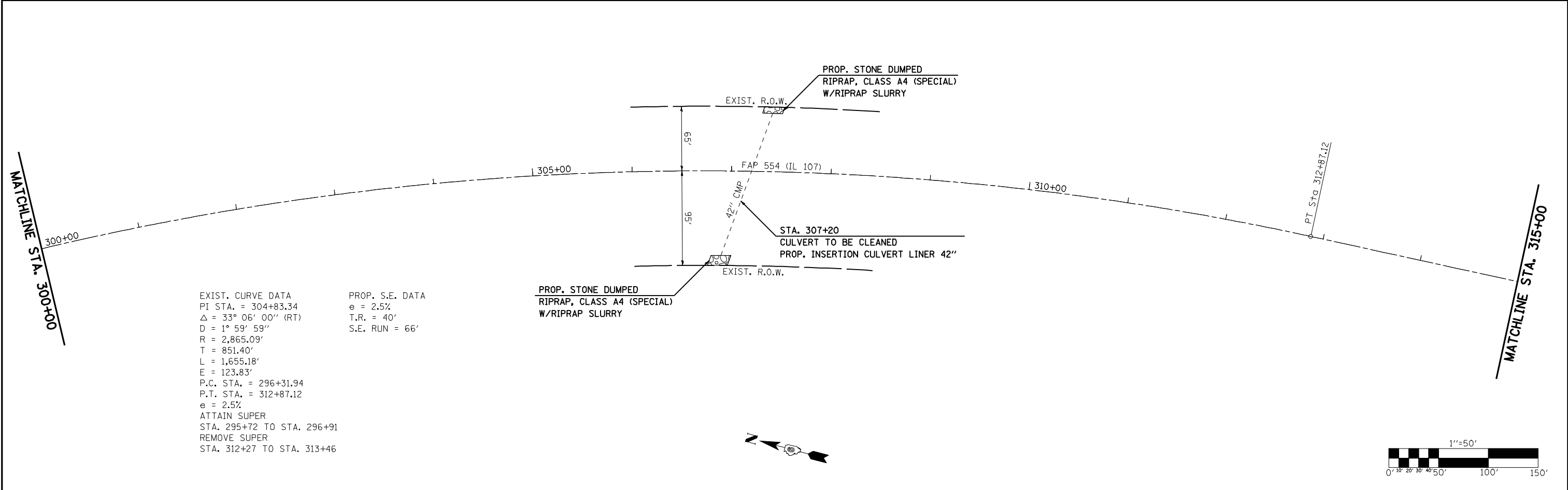
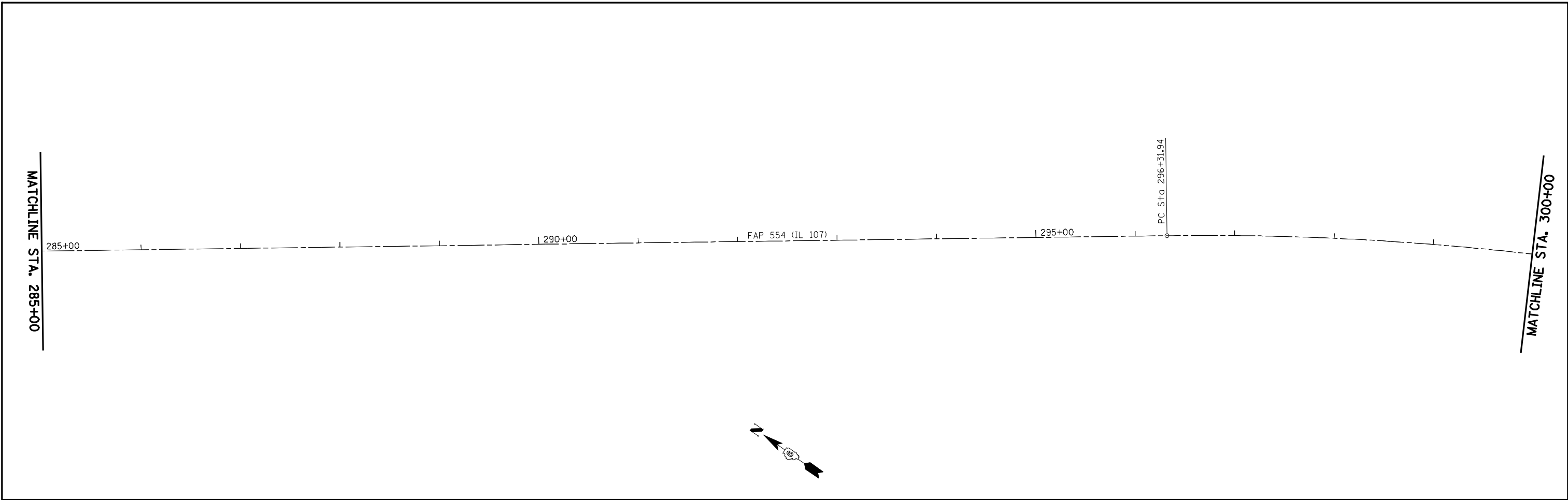
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		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAP 554 (ILLINOIS 107)

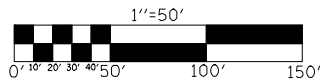
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 255+00 TO STA. 285+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	24
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE DATA
 PI STA. = 304+83.34
 $\Delta = 33^\circ 06' 00''$ (RT)
 $D = 1^\circ 59' 59''$
 $R = 2,865.09'$
 $T = 851.40'$
 $L = 1,655.18'$
 $E = 123.83'$
 P.C. STA. = 296+31.94
 P.T. STA. = 312+87.12
 $e = 2.5\%$
 ATTAIN SUPER
 STA. 295+72 TO STA. 296+91
 REMOVE SUPER
 STA. 312+27 TO STA. 313+46

PROP. S.E. DATA
 $e = 2.5\%$
 $T.R. = 40'$
 $S.E. RUN = 66'$



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
ea\pwwork\pwwid\LAUGHLINRL\0200040\672C37-shr-plan.dgn		DRAWN -	REVISED -
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		DATE -	REVISED -

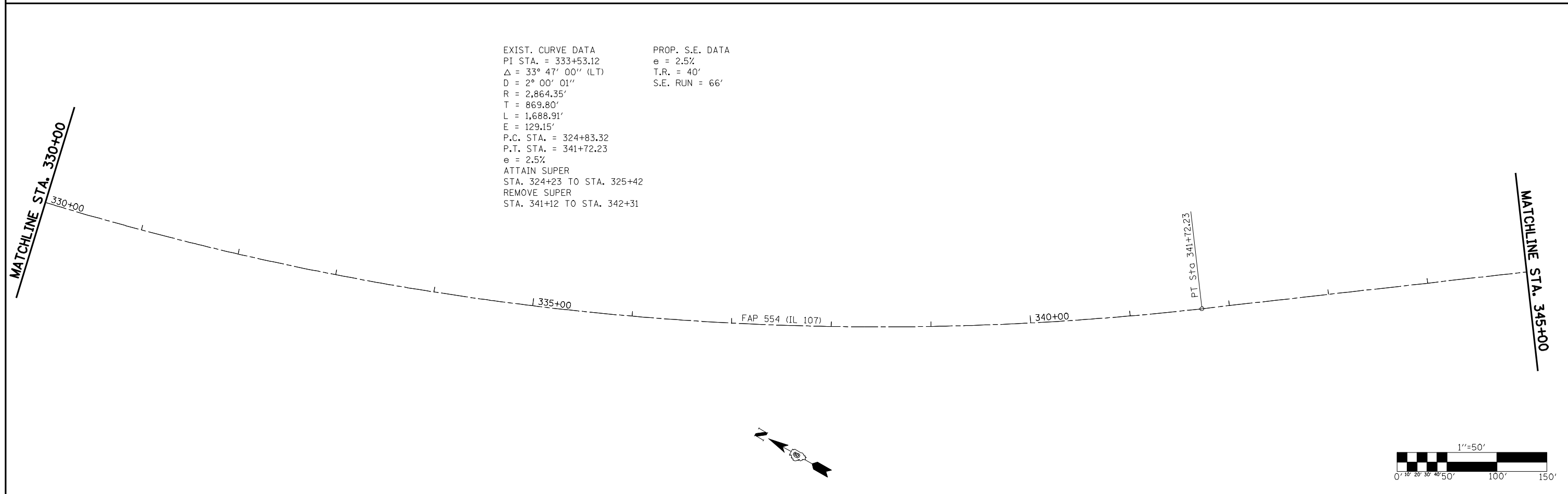
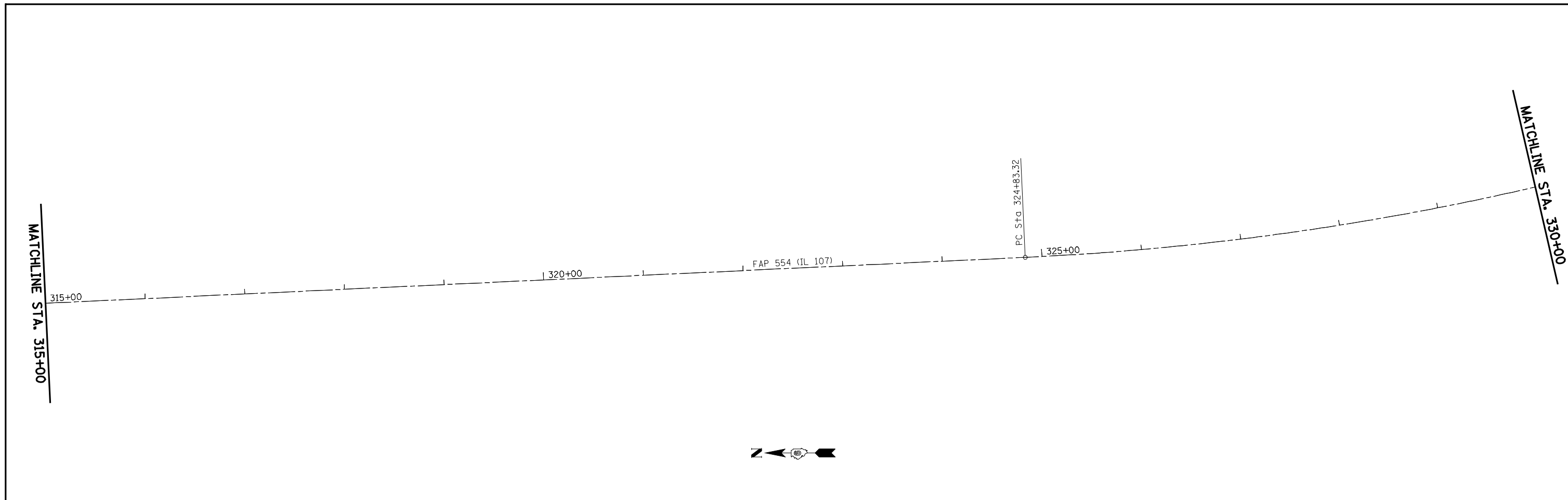
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAP 554 (ILLINOIS 107)

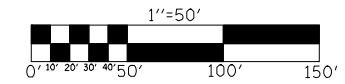
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 285+00 TO STA. 315+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	25
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				





EXIST. CURVE DATA	PROP. S.E. DATA
PI STA. = 333+53.12	e = 2.5%
Δ = 33° 47' 00" (LT)	T.R. = 40'
D = 2° 00' 01"	S.E. RUN = 66'
R = 2,864.35'	
T = 869.80'	
L = 1,688.91'	
E = 129.15'	
P.C. STA. = 324+83.32	
P.T. STA. = 341+72.23	
e = 2.5%	
ATTAIN SUPER	
STA. 324+23 TO STA. 325+42	
REMOVE SUPER	
STA. 341+12 TO STA. 342+31	



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		DRAWN -	REVISED -
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		DATE -	REVISED -

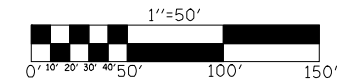
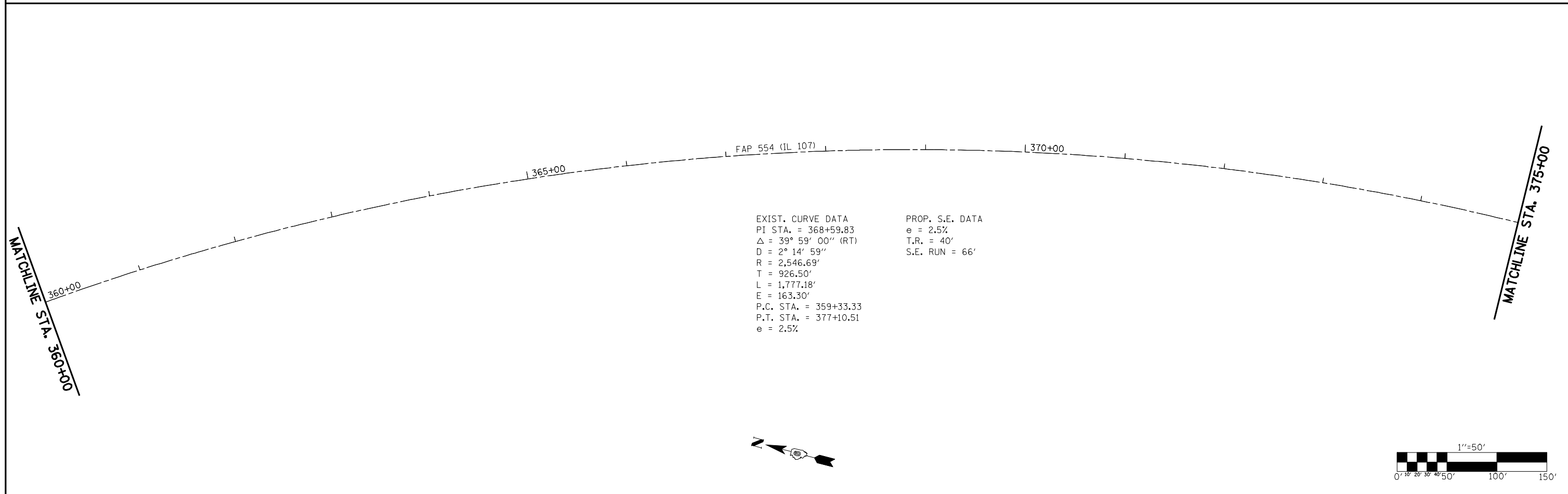
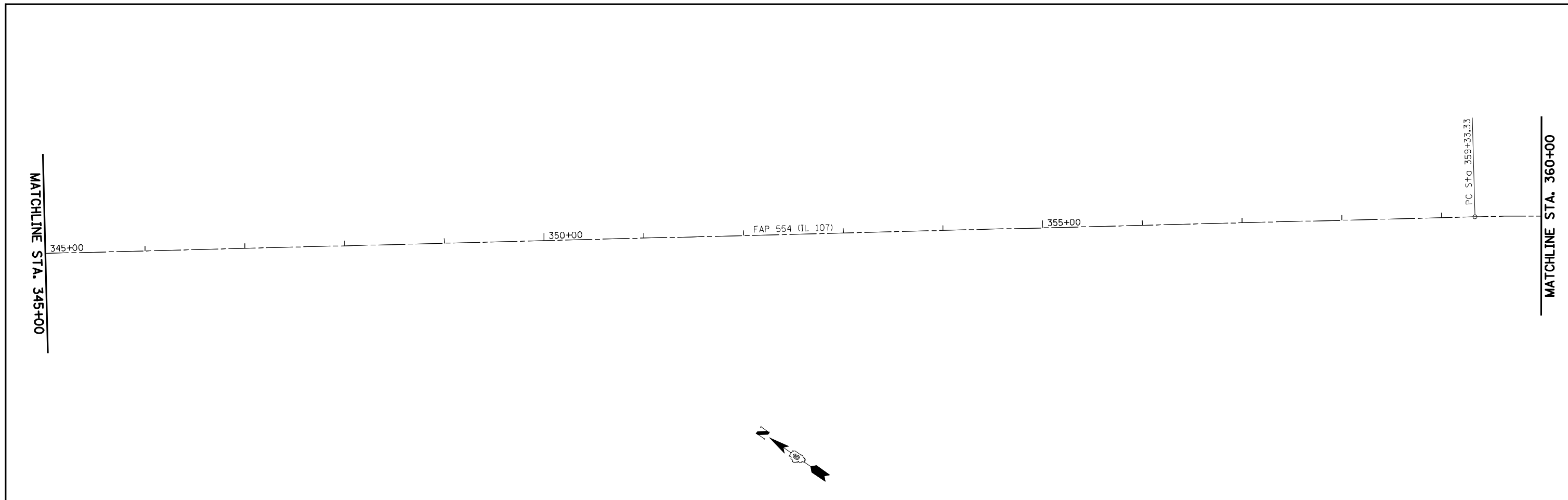
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAP 554 (ILLINOIS 107)

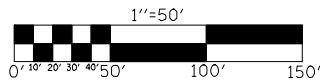
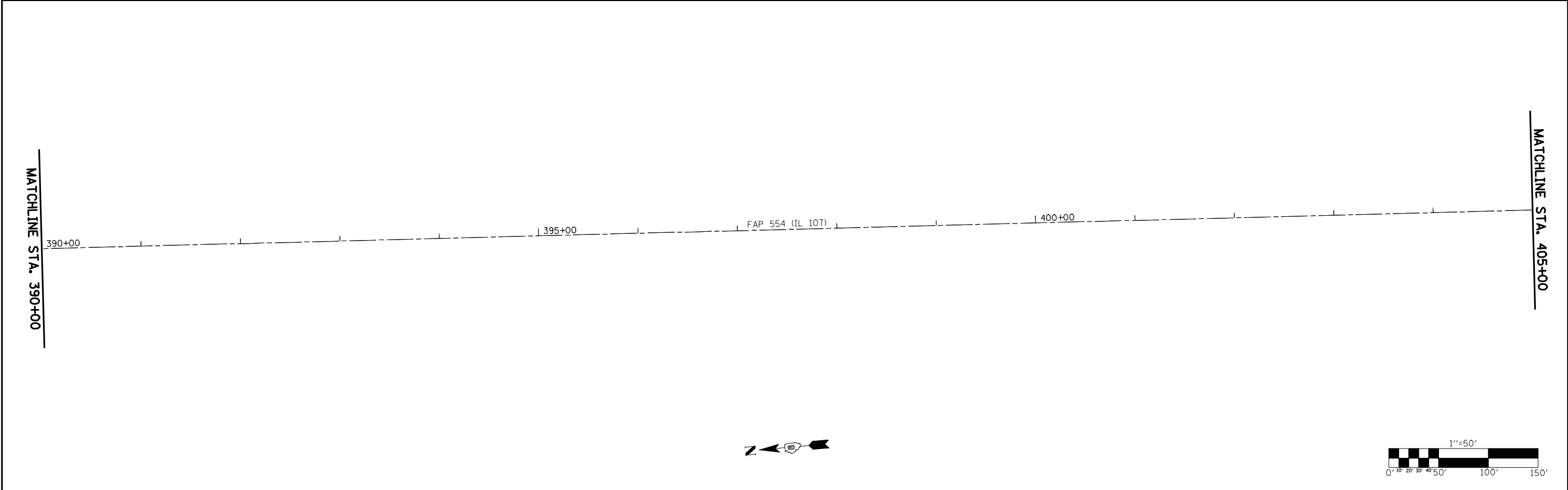
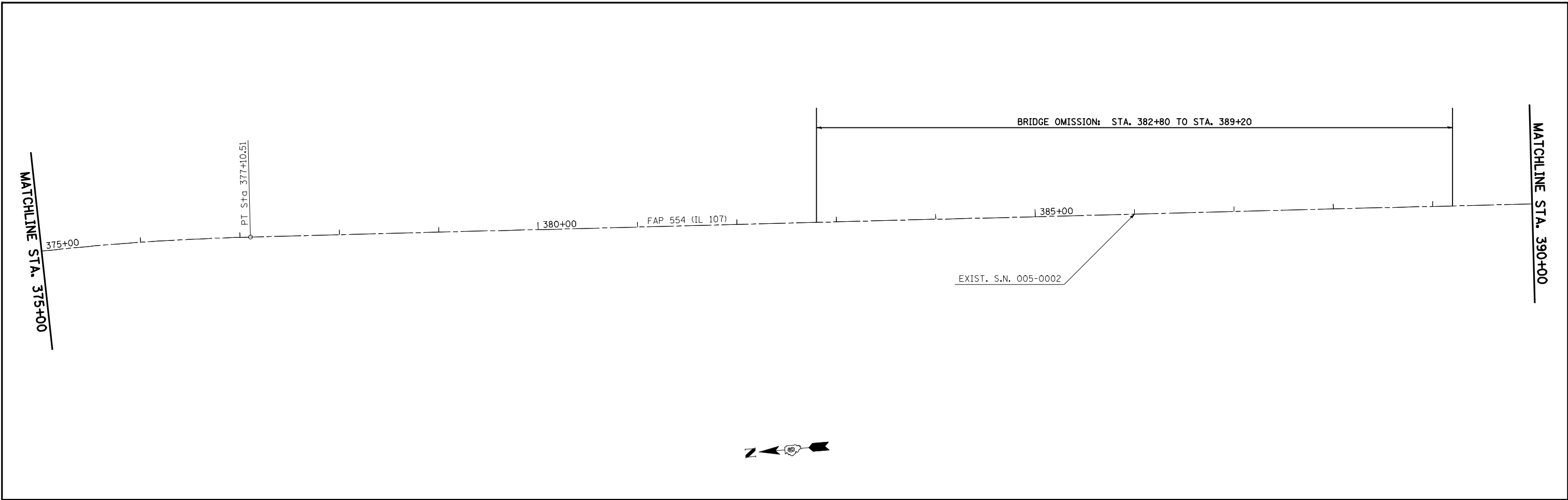
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 315+00 TO STA. 345+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	26
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				





FILE NAME = e:\pwwork\pwidot\LAUGHLINRL\0200040\672C37-shr-plan.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 554 (ILLINOIS 107)			F.A.P. RTE. 554	SECTION 16(RS-6) & 18(RS-6)	COUNTY BROWN	TOTAL SHEETS 49	SHEET NO. 27
	PLOT SCALE = 100.0000' / IN.	DRAWN -	REVISED -		SCALE: 1" = 50'	SHEET NO.	OF	SHEETS	STA. 345+00 TO STA. 375+00	CONTRACT NO. 72C37		
	PLOT DATE = Apr-08-2010 03:19:38PM	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



FILE NAME = e:\pwwork\pwidot\LAUGHLINRL\0200040\672C37-shr-plan.dgn
Johnson, Depp & Quisenberry
 CONSULTING ENGINEERS
 Springfield, Illinois

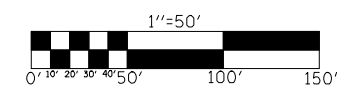
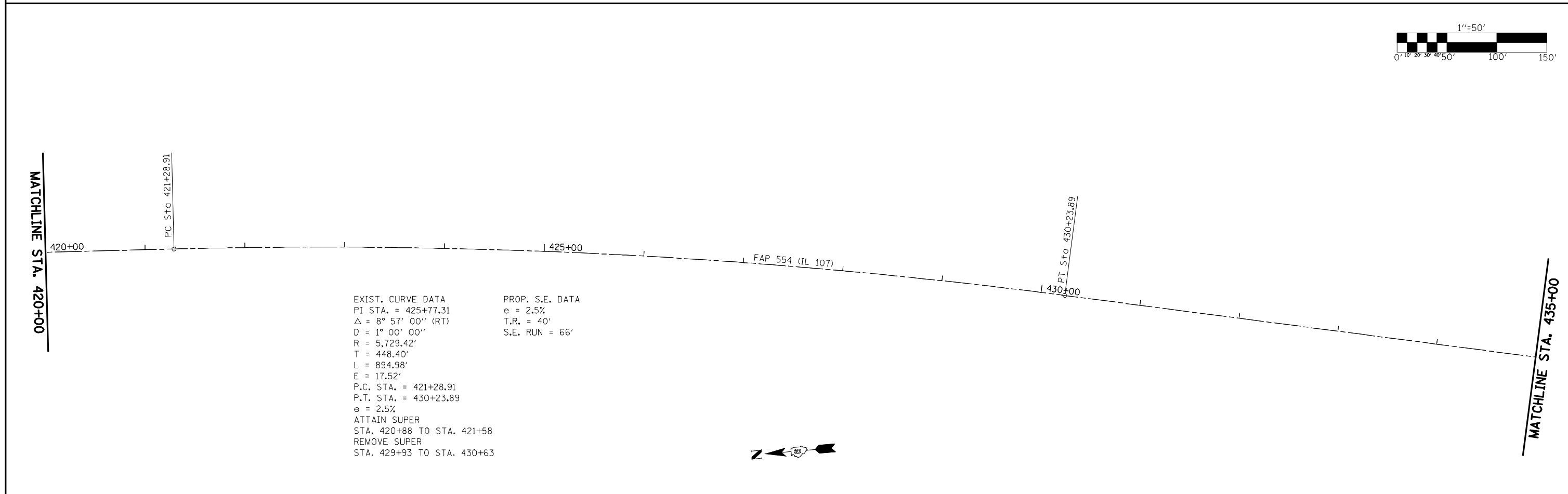
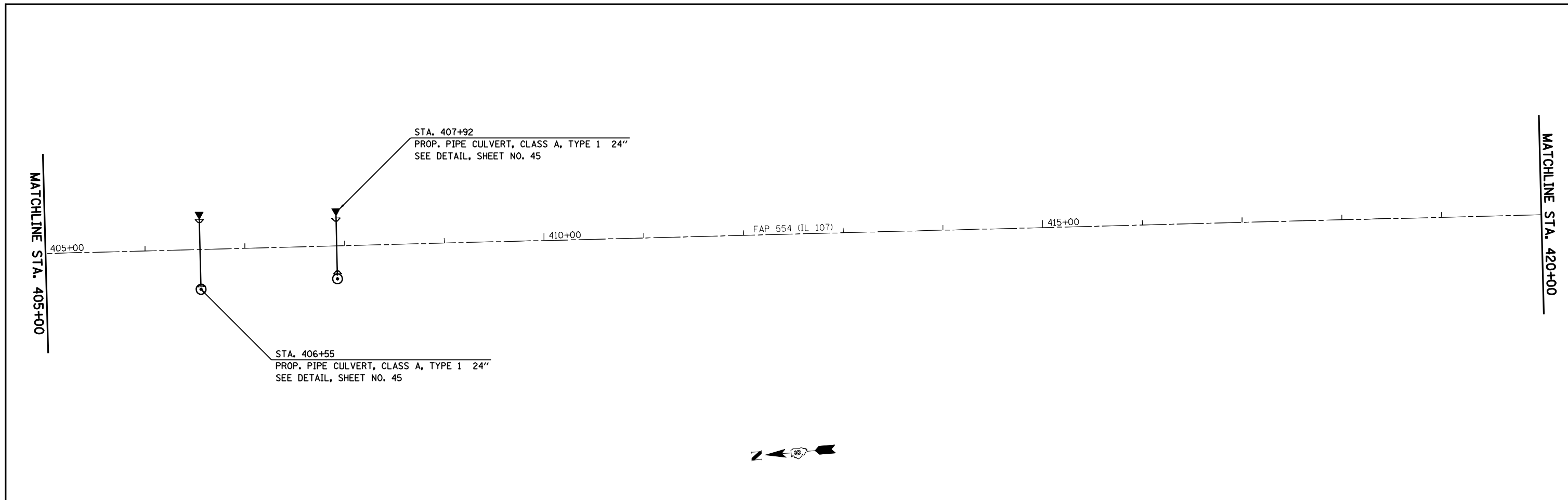
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

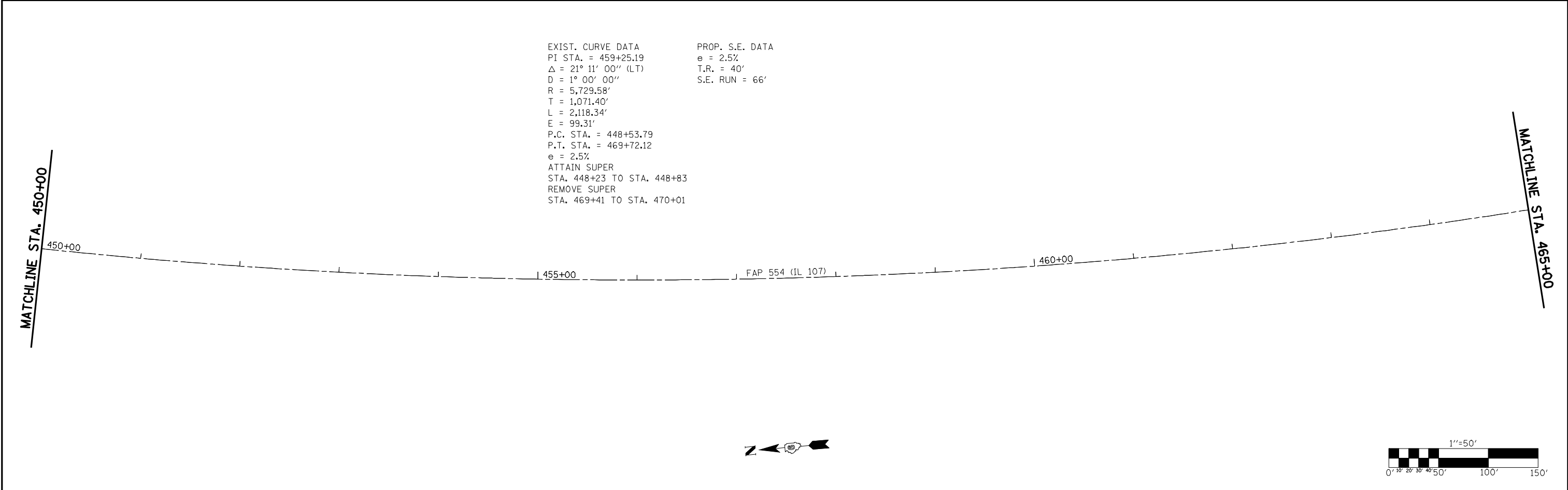
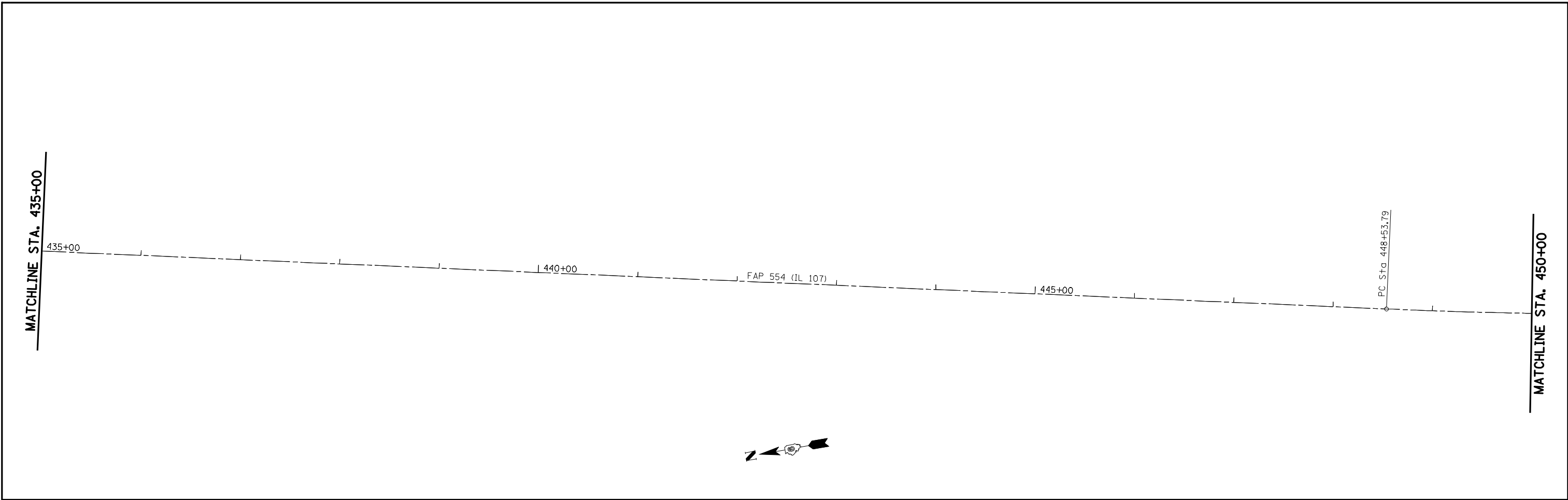
PLAN SHEET FAP 554 (ILLINOIS 107)

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 375+00 TO STA. 405+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	28
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				

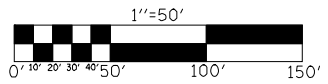


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	DRAWN -	REVISED -	554					16(RS-6) & 18(RS-6)	BROWN	49	29	
Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois	PLOT SCALE = 100.0000' / IN.	CHECKED -	REVISED -	SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 405+00 TO STA. 435+00			CONTRACT NO. 72C37					
PLOT DATE = Apr-08-2010 03:19:47PM	DATE -	REVISED -	REVISED -	ILLINOIS FED. AID PROJECT								



EXIST. CURVE DATA
 PI STA. = 459+25.19
 Δ = 21° 11' 00" (LT)
 D = 1° 00' 00"
 R = 5,729.58'
 T = 1,071.40'
 L = 2,118.34'
 E = 99.31'
 P.C. STA. = 448+53.79
 P.T. STA. = 469+72.12
 e = 2.5%
 ATTAIN SUPER
 STA. 448+23 TO STA. 448+83
 REMOVE SUPER
 STA. 469+41 TO STA. 470+01

PROP. S.E. DATA
 e = 2.5%
 T.R. = 40'
 S.E. RUN = 66'



FILE NAME = e:\pwwork\pwidot\LAUGHLINRL\0200040\672C37-shr-plan.dgn	USER NAME = laughlinr1	DESIGNED -	REVISED -
		DRAWN -	REVISED -
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		DATE -	REVISED -

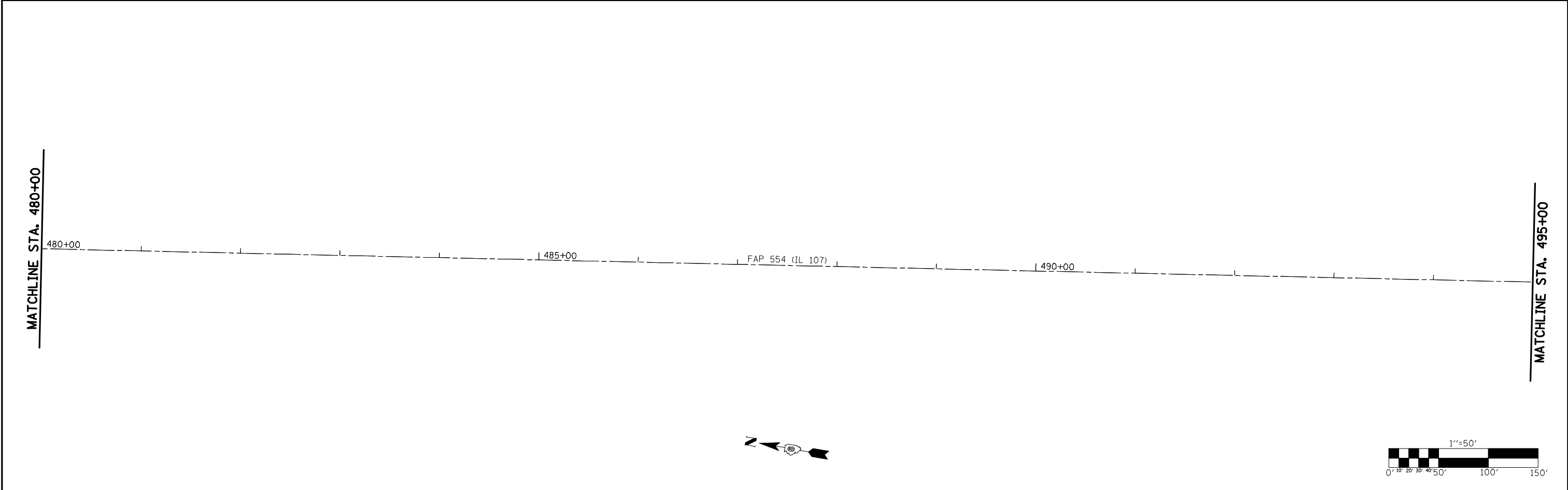
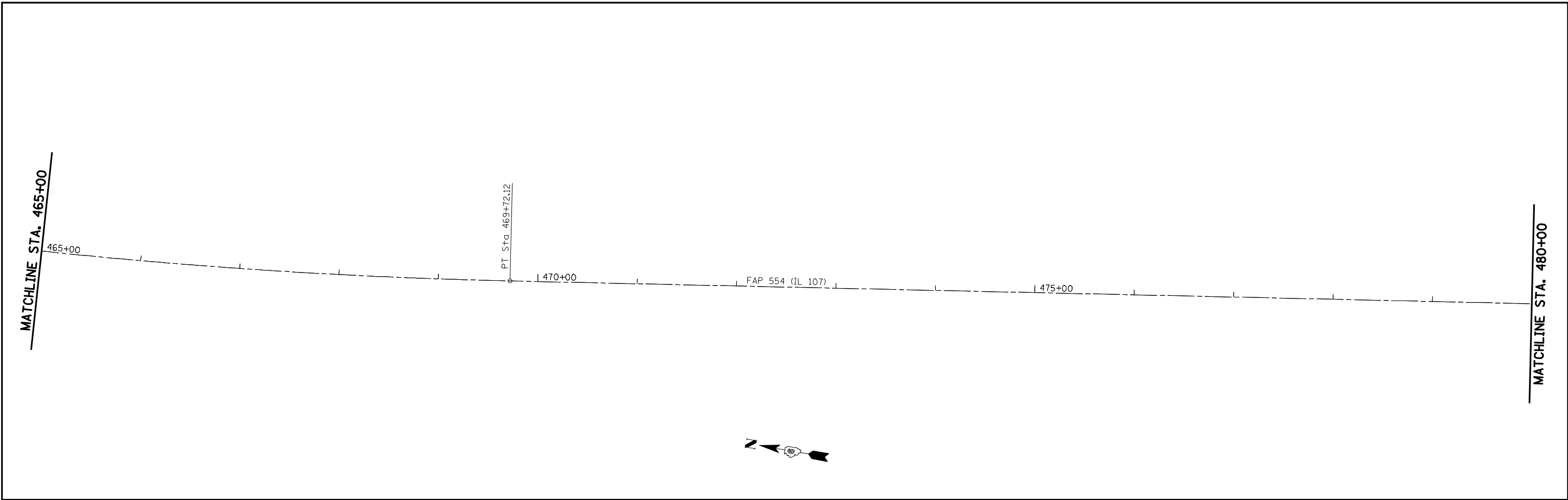
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**


PLAN SHEET FAP 554 (ILLINOIS 107)

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 435+00 TO STA. 465+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	30
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				

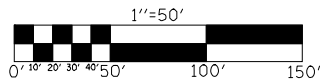
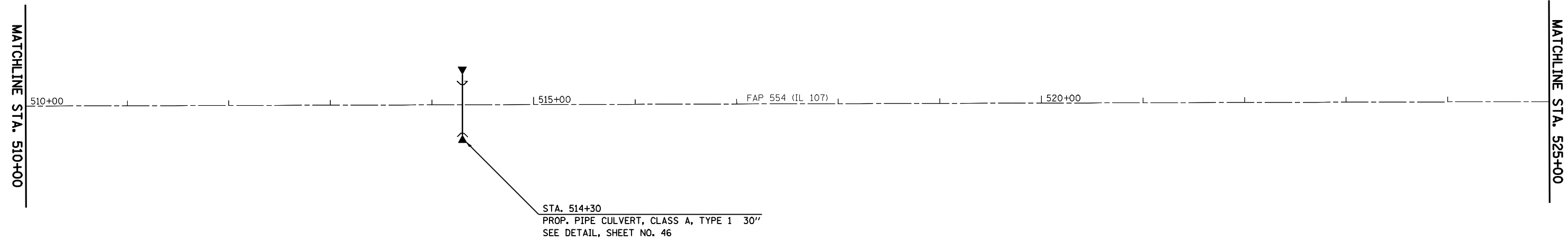
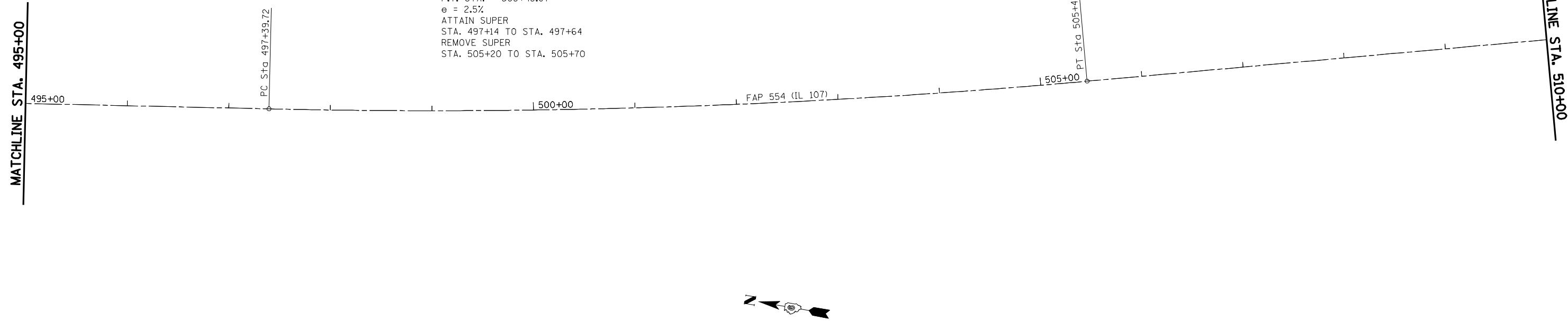




FILE NAME = e:\pwwork\pwwid\LAUGHLIN\la0200040\672C37-shr-plan.dgn  Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois	USER NAME = laughlinr1	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET FAP 554 (ILLINOIS 107)			F.A.P. RTE. 554	SECTION 16(RS-6) & 18(RS-6)	COUNTY BROWN	TOTAL SHEETS 49	SHEET NO. 31
	PLOT SCALE = 100.0000' / IN. PLOT DATE = Apr-08-2010 03:19:56PM	CHECKED - DATE -	REVISED - REVISED -		SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 465+00 TO STA. 495+00	CONTRACT NO. 72C37 ILLINOIS FED. AID PROJECT						

EXIST. CURVE DATA
 PI STA. = 501+43.22
 $\Delta = 6^\circ 27' 00''$ (LT)
 D = 0° 48' 00"
 R = 7,161.06'
 T = 403.50'
 L = 806.15'
 E = 11.36'
 P.C. STA. = 497+39.72
 P.T. STA. = 505+45.87
 e = 2.5%
 ATTAIN SUPER
 STA. 497+14 TO STA. 497+64
 REMOVE SUPER
 STA. 505+20 TO STA. 505+70

PROP. S.E. DATA
 e = 2.5%
 T.R. = 40'
 S.E. RUN = 66'



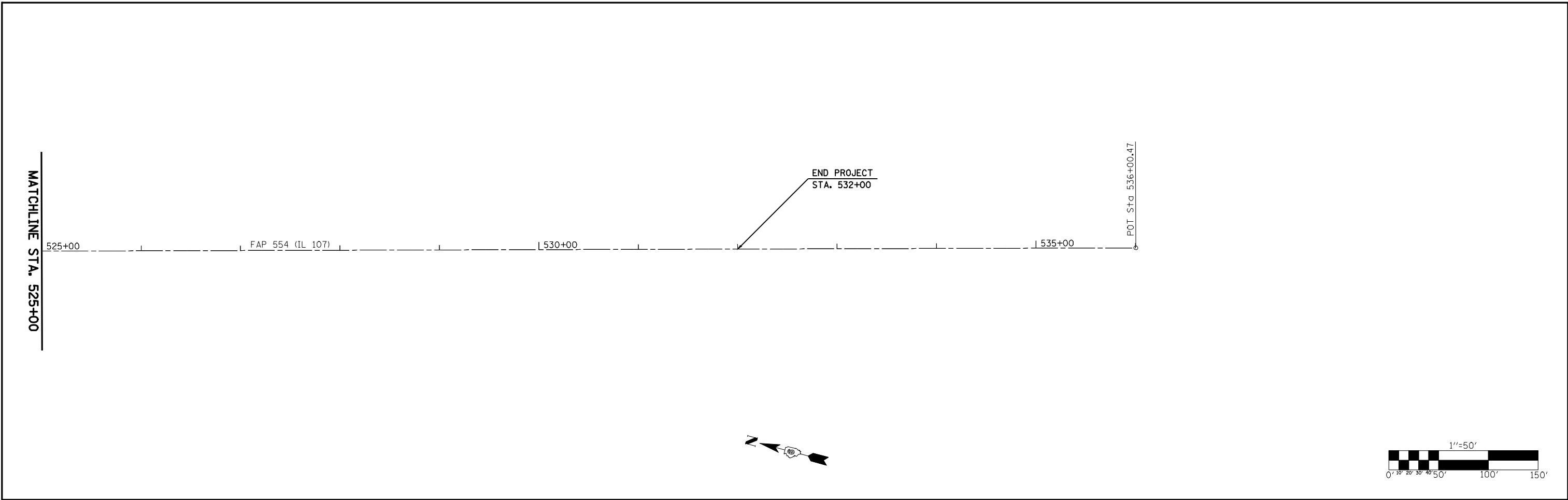
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Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois	PLOT SCALE = 100.0000' / IN. PLOT DATE = Apr-08-2010 03:20:00PM	DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAP 554 (ILLINOIS 107)

SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 495+00 TO STA. 525+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	32
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				



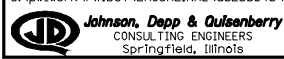
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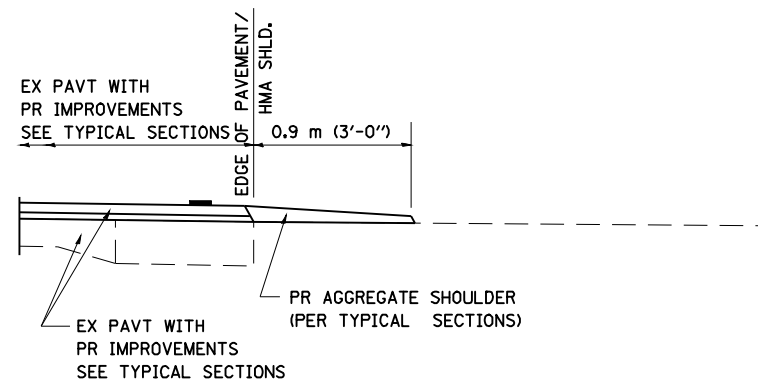
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET FAP 554 (ILLINOIS 107)

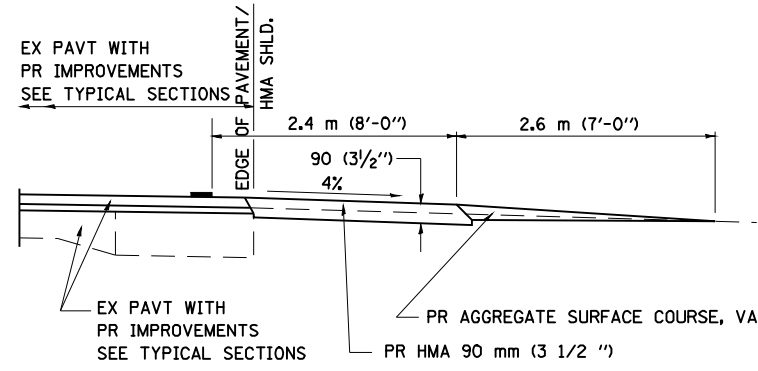
SCALE: 1" = 50' SHEET NO. OF SHEETS STA. 525+00 TO STA. 536+00.47

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	33
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				

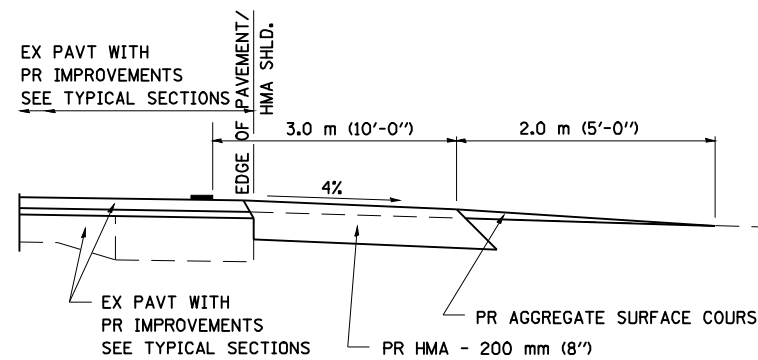




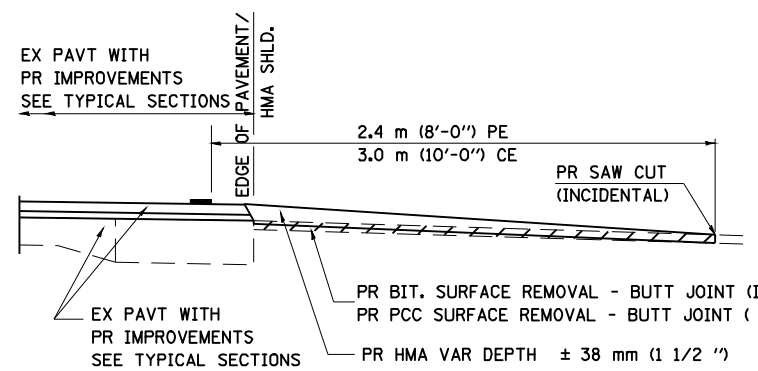
SECTION A-A FOR EX EARTH/ AGGREGATE FE



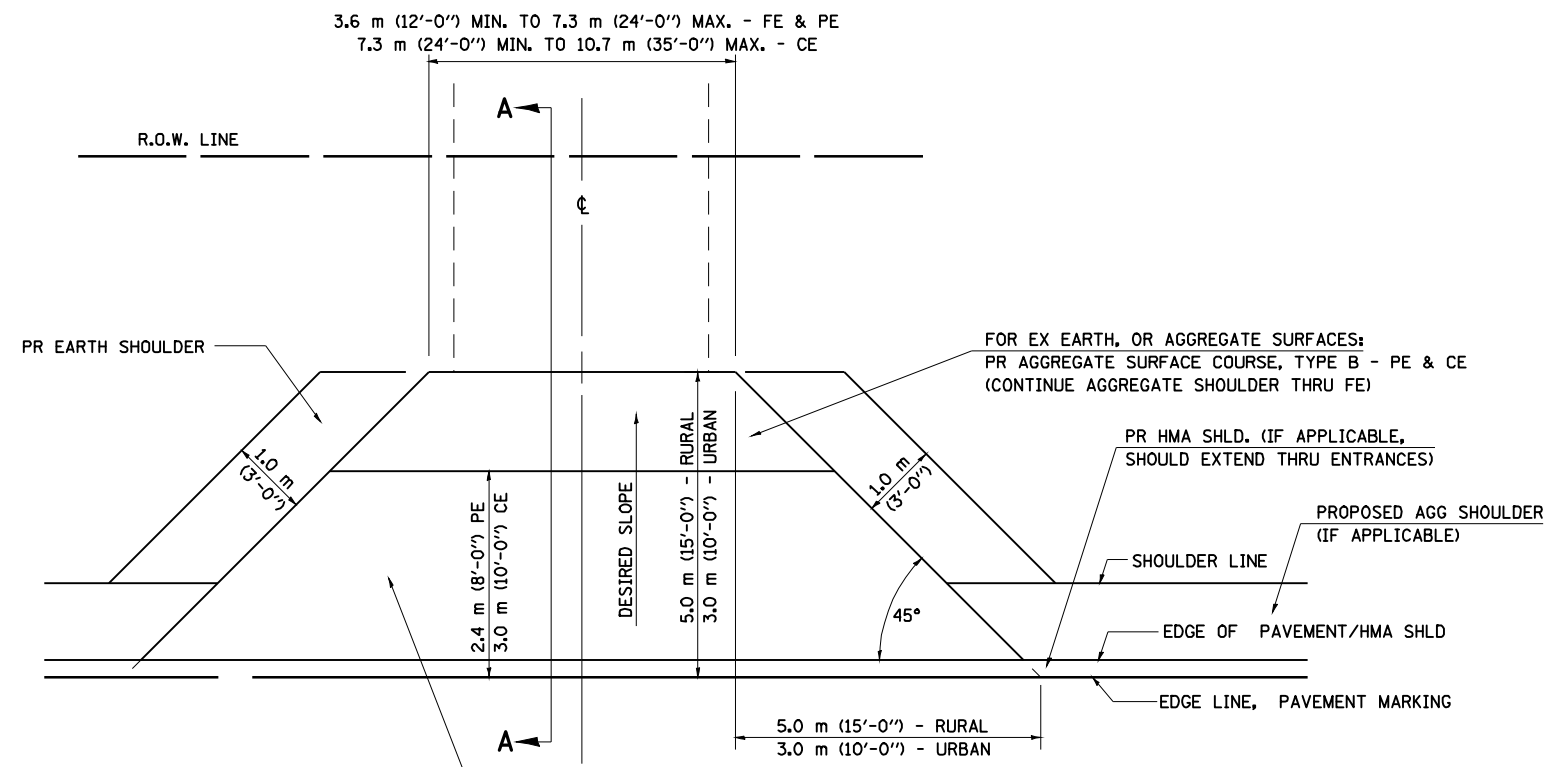
SECTION A-A FOR EX EARTH/AGGREGATE PE



SECTION A-A FOR EX EARTH/AGGREGATE CE & SIDE ROAD



SECTION A-A FOR EX BITUMINOUS/ PC CONCRETE PE, CE & SIDE ROAD



FOR EX EARTH OR AGGREGATE SURFACES:
 PR BIT SURFACE REMOVAL (IF APPLICABLE)
 PR AGGREGATE SHOULDER THRU - FE
 PR BITUMINOUS CONCRETE 90 mm (3 1/2") - PE
 PR BITUMINOUS CONCRETE 200mm (8") - CE

FOR EX BITUMINOUS CONCRETE SURFACES:
 PR BITUMINOUS SURFACE REMOVAL-BUTT JOINT

FOR EX PCC SURFACES:
 PR PCC SURFACE REMOVAL-BUTT JOINT

GENERAL NOTES:

THE RESIDENT ENGINEER WILL DETERMINE THE EXACT TYPE OF IMPROVEMENT TO BE COMPLETED FOR ALL ENTRANCES, SIDEROADS AND MAILBOX TURNOUTS ON THIS PROJECT.

THE PLAN DETAILS AND SCHEDULES SHOULD BE USED AS A GUIDE FOR THE ENGINEER TO IMPLEMENT THE FINAL DESIGN. THE ENGINEER MAY DECIDE TO SALVAGE PORTIONS OF THE EXISTING ENTRANCE PAVEMENT STRUCTURE; THEREFORE, REDUCING PAY ITEM QUANTITIES. NO ADDITIONAL PAYMENT WILL BE ALLOWED FOR THIS REDUCTION IN QUANTITIES.

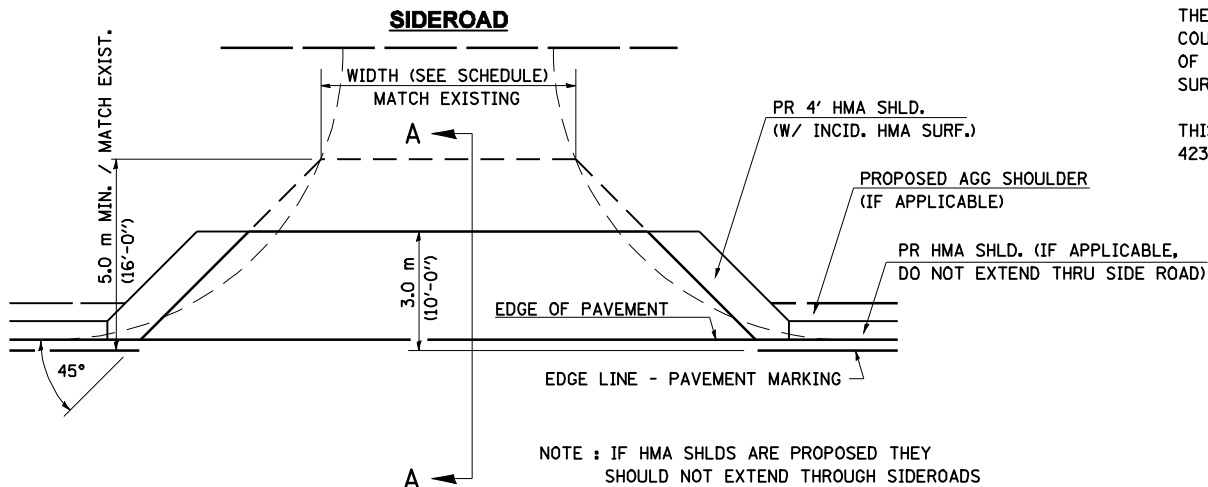
ANY WORK THE ENGINEER REQUIRES WHICH IS NOT COVERED BY A PAY ITEM CONTAINED IN THE PLANS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

BITUMINOUS CONCRETE REQUIRED TO CONSTRUCT THE ENTRANCES SHALL BE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 406 AND 408 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.

WHEN THE BITUMINOUS CONCRETE PROPOSED FOR THE IMPROVEMENT IS THICKER THAN 75 mm (3 INCHES) AND REQUIRE PLACEMENT IN MORE THAN ONE LIFT. THE BOTTOM LIFT(S) SHALL MEET THE REQUIREMENTS OF BITUMINOUS BASE COURSE IN SECTION 406 OF THE STANDARD SPECIFICATIONS AND THE TOP LIFT OF 50 mm (2 INCHES) SHALL MEET THE REQUIREMENTS OF BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE.

THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH SECTIONS 351, 358, 408, 423 AND 440 OF THE STANDARD SPECIFICATIONS.

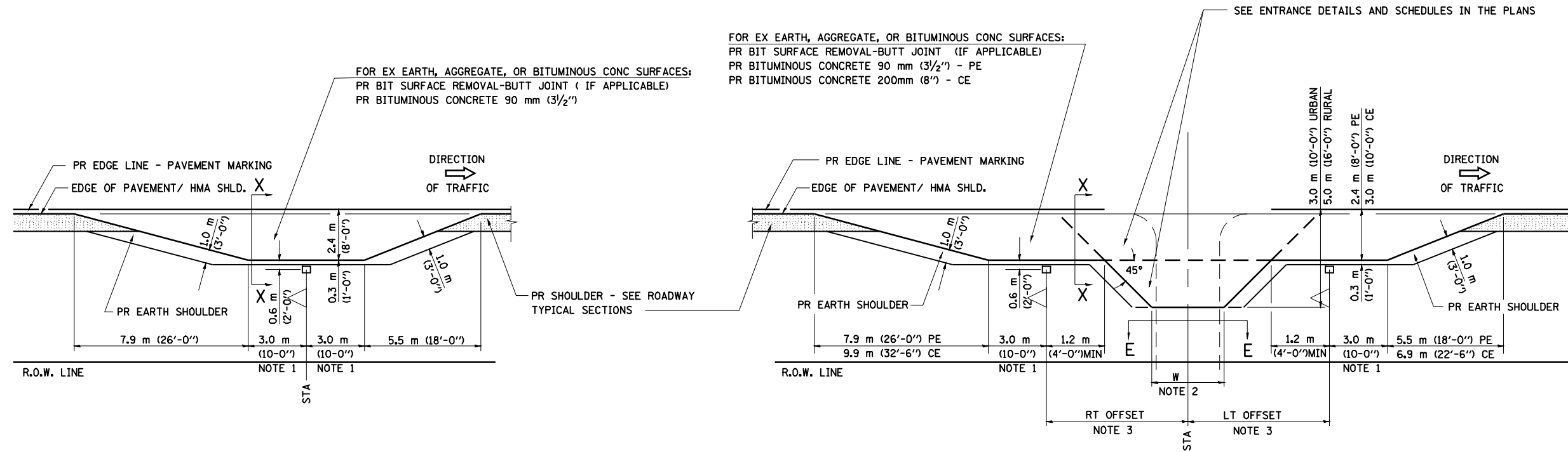
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN.



NOTE : IF HMA SHLDS ARE PROPOSED THEY SHOULD NOT EXTEND THROUGH SIDEROADS

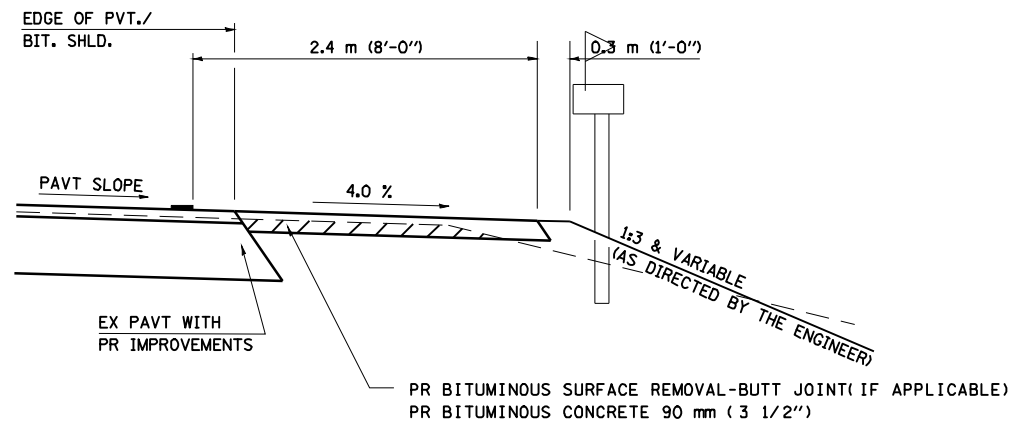
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es:\pwwork\pwwid\LAUGHLINRL\0200040\672C37-shd-detailed.dgn	DRAWN - CADD	REVISED - 4/01/04 JCN	554			16(RS-6),18(RS-6),121(RS-5)	BROWN	49	34	
ENT PPP.DGN	CHECKED - JCN	REVISED -	CONTRACT NO. 72C37							
PLOT SCALE = 40.0000 ' / IN.	DATE - FEBRUARY 23, 1999	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
PLOT DATE = Apr-08-2010 03:20:06PM			SCALE:	SHEET NO. 1 OF 6 SHEETS	STA. TO STA.					

DETAILS OF MAILBOX TURNOUTS



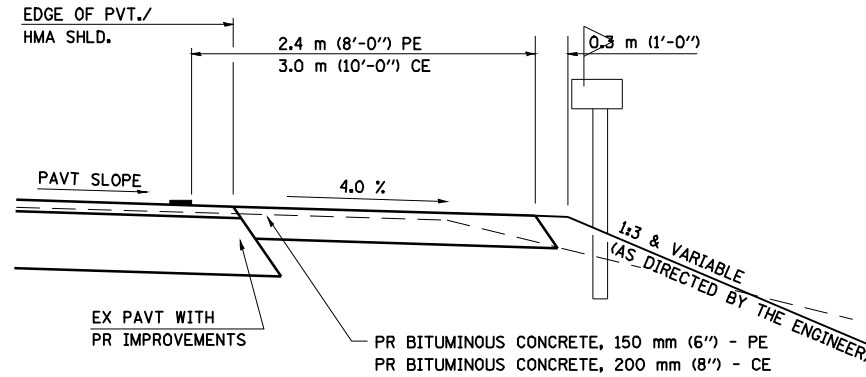
PLAN - MAILBOX TURNOUTS

PLAN - COMBINED MAILBOX TURNOUT WITH TRAILING OR LEADING ENTRANCE



**SECTION X-X THRU MAILBOX TURNOUT
ALSO APPLIES TO MAILBOX TURNOUTS COMBINED WITH
EX EARTH, AGGREGATE, OR BITUMINOUS PE & FE**

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)



**SECTION X-X THRU MAILBOX TURNOUT
COMBINED WITH EX BITUMINOUS CONC & PC CONC PE & CE**

(DETAIL APPLIES WHEN M.B. TURNOUT DOES NOT EXIST.
IF EXISTING, TREAT SAME AS ENTRANCE.)

- NOTE 1 IF MORE THAN ONE MAILBOX IS PRESENT, DIMENSION FROM CENTER OF END MAILBOX.
- NOTE 2 FOR ENTRANCE LAYOUT DIMENSIONS AND SECTIONS A-A & E-E REFER TO THE SCHEDULES IN THE PLANS.
- NOTE 3 BOTH LT OR RT OFFSETS FOR MAILBOX SHOWN USE OFFSET DIMENSION PER SCHEDULE AND REFER TO LAYOUT SHOWN ON THE PLAN.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES)
UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED - 2/19/03 JCN
ENT PPP.DGN	672C37-shit-details.dgn	DRAWN - CADD	REVISED - 4/01/04 JCN
	PLOT SCALE = 40.0000 ' / IN.	CHECKED - JCN	REVISED -
	PLOT DATE = Apr-08-2010 03:20:08PM	DATE - FEBRUARY 23, 1999	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)	
SCALE:	SHEET NO. 2 OF 6 SHEETS
STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6),18(RS-6),121(RS-5)	BROWN	49	35
CONTRACT NO. 72C37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

ENTRANCE IMPROVEMENT SCHEDULE FOR RURAL / URBAN "PPP" PROJECTS															
LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	RT OFFSET	LT OFFSET	LENGTH (FROM EDGE OF PVT/ BIT SHLD TO LIMITS OF IMPROVEMENT)	PR BIT. CONC. THICKNESS	BIT. SURF. REM. - BUTT JOINT	P. C. C. SURF. REM. - BUTT JOINT	PREP OF BASE	AGG. BASE REPAIR	AGGREGATE SURFACE COURSE TY - B	BIT (P. C.)	AGG (P. C.)	INCIDENTAL BIT. SURF.
(LT / RT) (STA) (+)	(FE / PE / CE / MB) (RURAL / URBAN)	(EARTH / AGG. / BIT. / P. C. C.)	FOOT	FOOT	FOOT	FOOT	INCH	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	TON
ILLINOIS 99															
RT. STA. 5+62	PE/URBAN	AGG	50									4			9
LT. STA. 6+00	CE/URBAN	PCC	32						42				0.02		4
RT. STA. 7+51	SR/URBAN	O&C	20					30					0.01		3
RT. STA. 8+80	CE/URBAN	AGG	50									3			27
RT. STA. 9+30	CE/URBAN	PCC	30						40				0.02		3
LT. STA. 9+47	CE/URBAN	PCC	34						44				0.02		4
RT. STA. 10+83	SR/URBAN	O&C	18					28					0.01		2
LT. STA. 10+91	CE/URBAN	PCC	30						40				0.02		3
RT. STA. 12+20	PE/URBAN	BIT	12					22					0.01		1
LT. STA. 12+30	CE/URBAN	PCC	47						57				0.02		5
LT. STA. 13+00	CE/URBAN	PCC	35						45				0.02		4
RT. STA. 13+15	SR/URBAN	O&C	24					34					0.01		3
LT. STA. 14+27	PE/URBAN	BIT	12					22					0.01		1
RT. STA. 14+27	PE/URBAN	AGG	12									1			3
LT. STA. 15+15	FE/URBAN	EARTH	24												
RT. STA. 15+35	CE/URBAN	AGG	32									2			19
RT. STA. 16+75	PE/URBAN	BIT/AGG	12					22					0.01		1
RT. STA. 17+25	CE/URBAN	O&C	40					50					0.02		4
RT. STA. 18+50	CE/URBAN	O&C	32					42					0.02		4
RT. STA. 18+88	SR/URBAN	O&C	24					34					0.01		3
RT. STA. 19+90	CE/URBAN	BIT	36					46					0.02		4
RT. STA. 20+75	CE/URBAN	AGG	24									2			15
LT. STA. 20+90	FE/URBAN	AGG	40												
RT. STA. 22+00	CE/URBAN	BIT	20					30					0.01		3
RT. STA. 23+50	CE/URBAN	BIT	24					34					0.01		3
RT. STA. 24+25	FE/URBAN	BIT/AGG	24												
LT. STA. 25+75	CE/URBAN	PCC	60						70				0.03		6
RT. STA. 26+25	FE/URBAN	BIT/AGG	60												
RT. STA. 27+25	FE/URBAN	BIT/AGG	30												
LT. STA. 27+45	FE/URBAN	AGG	24												
RT. STA. 28+00	CE/URBAN	BIT/PCC	24					34					0.01		3
RT. STA. 30+75	CE/URBAN	AGG	20									1			13
LT. STA. 33+80	CE/URBAN	PCC	24						34				0.01		3
LT. STA. 37+75	CE/URBAN	BIT	65					75					0.03		6
LT. STA. 41+35	PE/URBAN	AGG	12									1			3
LT. STA. 42+80	FE/URBAN	AGG	50												
LT. STA. 46+05	CE/URBAN	PCC	26						36				0.01		3
RT. STA. 46+05	CE/URBAN	AGG	20									1			13
RT. STA. 48+81	CE/URBAN	AGG	16									1			12
RT. STA. 54+50	CE/URBAN	PCC	30						40				0.02		3
LT. STA. 64+90	FE/RURAL	EARTH	30												
LT. STA. 75+20	FE/RURAL	EARTH	24												
RT. STA. 75+50	CE/RURAL	BIT	35					50					0.02		4
RT. STA. 82+60	CE/RURAL	BIT	58					73					0.03		6
TOTAL =								626	448			16	0.4		203

ENTRANCE IMPROVEMENT SCHEDULE FOR RURAL / URBAN "PPP" PROJECTS															
LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	RT OFFSET	LT OFFSET	LENGTH (FROM EDGE OF PVT/ BIT SHLD TO LIMITS OF IMPROVEMENT)	PR BIT. CONC. THICKNESS	BIT. SURF. REM. - BUTT JOINT	P. C. C. SURF. REM. - BUTT JOINT	PREP OF BASE	AGG. BASE REPAIR	AGGREGATE SURFACE COURSE TY - B	BIT (P. C.)	AGG (P. C.)	INCIDENTAL BIT. SURF.
(LT / RT) (STA) (+)	(FE / PE / CE / MB) (RURAL / URBAN)	(EARTH / AGG. / BIT. / P. C. C.)	FOOT	FOOT	FOOT	FOOT	INCH	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	TON
ILLINOIS 107															
RT. STA. 21+58	SR/URBAN	BIT	24					34					0.01		3
LT. STA. 24+60	MB/URBAN														6
RT. STA. 24+60	PE/URBAN	BIT	20					30					0.01		2
RT. STA. 26+00	CE/URBAN	AGG	20									1			13
LT. STA. 30+20	FE/RURAL	BIT/AGG	16												
RT. STA. 33+40	FE/RURAL	AGG	16												
LT. STA. 46+60	FE/RURAL	AGG	24												
RT. STA. 50+15	FE/RURAL	EARTH	16												
RT. STA. 54+65	CE/RURAL	PCC	24						39				0.01		3
LT. STA. 57+10	FE/RURAL	EARTH	24												
RT. STA. 63+40	SR/RURAL	O&C	18					33					0.01		3
LT. STA. 66+20	FE/RURAL	EARTH	14												
LT. STA. 67+50	FE/RURAL	EARTH	24												
RT. STA. 67+60	FE/RURAL	EARTH	24												
LT. STA. 75+55	FE/RURAL	AGG	20												
RT. STA. 77+20	PE/RURAL	BIT/AGG	12					27					0.01		2
LT. STA. 77+35	MB/RURAL														6
RT. STA. 85+20	FE/RURAL	EARTH	24												
LT. STA. 85+55	PE/MB/RURAL	BIT/AGG	12					27					0.01		9
RT. STA. 86+00	FE/RURAL	EARTH	12												
LT. STA. 86+25	FE/RURAL	EARTH	16												
LT. STA. 90+75	SR/RURAL	O&C	18					33					0.01		3
RT. STA. 90+80	FE/RURAL	EARTH	14												
LT. STA. 92+90	PE/RURAL	BIT/AGG	10					25					0.01		2
RT. STA. 93+40	FE/RURAL	AGG	10												
LT. STA. 94+95	MB/RURAL														6
RT. STA. 95+10	PE/RURAL	AGG	14									1			4
LT. STA. 98+95	MB/RURAL														6
RT. STA. 99+40	PE/RURAL	AGG	12									1			4
LT. STA. 104+20	FE/RURAL	EARTH	20												
RT. STA. 105+10	FE/RURAL	EARTH	16												
RT. STA. 106+05	FE/RURAL	BIT/EARTH	16												
LT. STA. 106+90	MB/RURAL														6
RT. STA. 107+50	PE/RURAL	BIT/AGG	12					27					0.01		2
LT. STA. 108+05	MB/RURAL														6
RT. STA. 108+10	PE/RURAL	AGG	14									1			4
RT. STA. 117+25	CE/RURAL	PCC	24						39				0.01		3
LT. STA. 117+80	FE/RURAL	EARTH	18												
RT. STA. 123+80	PE/RURAL	BIT/AGG	14					29					0.01		2
LT. STA. 124+50	MB/RURAL														6
LT. STA. 125+75	FE/RURAL	AGG	18												
LT. STA. 132+25	SR/RURAL	O&C	18					33					0.01		3
RT. STA. 132+40	SR/RURAL	O&C	16					31					0.01		3
LT. STA. 139+30	FE/RURAL	EARTH	24												
RT. STA. 139+85	FE/RURAL	EARTH	16												
RT. STA. 142+20	PE/RURAL	BIT/AGG	12					27					0.01		2
TOTAL =								356	78			4	0.1		109

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ENT PPP.DGN		CHECKED - JCN	REVISED -
		DATE - FEBRUARY 23, 1999	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX
TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)**

SCALE: SHEET NO. 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6),18(RS-6),121(RS-5)	BROWN	49	37
CONTRACT NO. 72C37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

ENTRANCE IMPROVEMENT SCHEDULE FOR RURAL / URBAN "PPP" PROJECTS															
LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	RT OFFSET	LT OFFSET	LENGTH (FROM EDGE OF PVT/ BIT SHLD TO LIMITS OF IMPROVEMENT)	PR BIT. CONC. THICKNESS	BIT. SURF. REM. - BUTT JOINT	P. C. C. SURF. REM. - BUTT JOINT	PREP OF BASE	AGG. BASE REPAIR	AGGREGATE SURFACE COURSE TY - B	BIT (P. C.)	AGG (P. C.)	INCIDENTAL BIT. SURF.
(LT / RT) (STA) (+)	(FE / PE / CE / MB) (RURAL / URBAN)	(EARTH / AGG. / BIT. / P. C. C.)	FOOT	FOOT	FOOT	FOOT	INCH	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	TON
ILLINOIS 107															
LT. STA. 156+50	FE/RURAL	EARTH	24												
RT. STA. 157+80	FE/RURAL	EARTH	24												
LT. STA. 163+60	MB/RURAL														6
RT. STA. 163+70	PE/RURAL	AGG	12									1			4
RT. STA. 165+25	PE/RURAL	BIT/AGG	16					31					0.01		2
LT. STA. 165+60	MB/RURAL														6
LT. STA. 167+10	FE/RURAL	EARTH	24												
RT. STA. 167+25	FE/RURAL	EARTH	16												
LT. STA. 175+70	SR/MB/RURAL	BIT/AGG	12					27					0.01		11
LT. STA. 180+90	PE/MB/RURAL	BIT/AGG	12					27					0.01		9
LT. STA. 183+00	FE/RURAL	BIT/AGG	30												
LT. STA. 192+25	MB/RURAL														6
RT. STA. 192+25	SR/RURAL	AGG	12									1			12
LT. STA. 194+20	FE/RURAL	AGG	16												
LT. STA. 201+65	PE/MB/RURAL	BIT/AGG	10					25					0.01		9
RT. STA. 203+80	FE/RURAL	AGG	12												
LT. STA. 207+60	FE/RURAL	AGG	20												
LT. STA. 209+00	FE/RURAL	AGG	24												
RT. STA. 214+75	FE/RURAL	EARTH	10												
LT. STA. 216+00	MB/RURAL														6
RT. STA. 216+40	PE/RURAL	PCC	10						25				0.01		2
RT. STA. 217+20	FE/RURAL	BIT/AGG	24												
RT. STA. 218+05	FE/RURAL	BIT/AGG	16												
LT. STA. 218+40	FE/RURAL	AGG	18												
LT. STA. 223+60	PE/MB/RURAL	AGG	10									1			8
LT. STA. 225+15	PE/MB/RURAL	BIT	12					27					0.01		9
LT. STA. 228+50	PE/MB/RURAL	AGG	10									1			8
LT. STA. 238+30	SR/MB/RURAL	BIT/AGG	16					31					0.01		12
RT. STA. 238+30	SR/RURAL	O&C	20					35					0.01		3
LT. STA. 243+90	FE/RURAL	EARTH	20												
RT. STA. 244+00	PE/RURAL	BIT/AGG	12					27					0.01		2
RT. STA. 251+25	PE/RURAL	BIT/AGG	12					27					0.01		2
LT. STA. 251+70	MB/RURAL														6
RT. STA. 252+30	PE/RURAL	BIT	12					27					0.01		2
LT. STA. 252+50	FE/RURAL	EARTH	18												
RT. STA. 262+00	SR/RURAL	BIT	18					33					0.01		3
RT. STA. 265+20	FE/RURAL	EARTH	18												
LT. STA. 265+40	PE/MB/RURAL	BIT/AGG	12					27					0.01		9
RT. STA. 272+60	SR/RURAL	EARTH	12									1			12
RT. STA. 272+90	FE/RURAL	AGG	16												
LT. STA. 273+20	SR/RURAL	O&C	16					31					0.01		3
RT. STA. 286+90	FE/RURAL	AGG	12												
LT. STA. 299+55	PE/MB/RURAL	AGG	12									1			8
RT. STA. 299+55	FE/RURAL	EARTH	12												
LT. STA. 308+30	SR/RURAL	BIT	16					31					0.01		3
RT. STA. 312+70	PE/RURAL	AGG	12									1			4
TOTAL =								406	25			7	0.2		167

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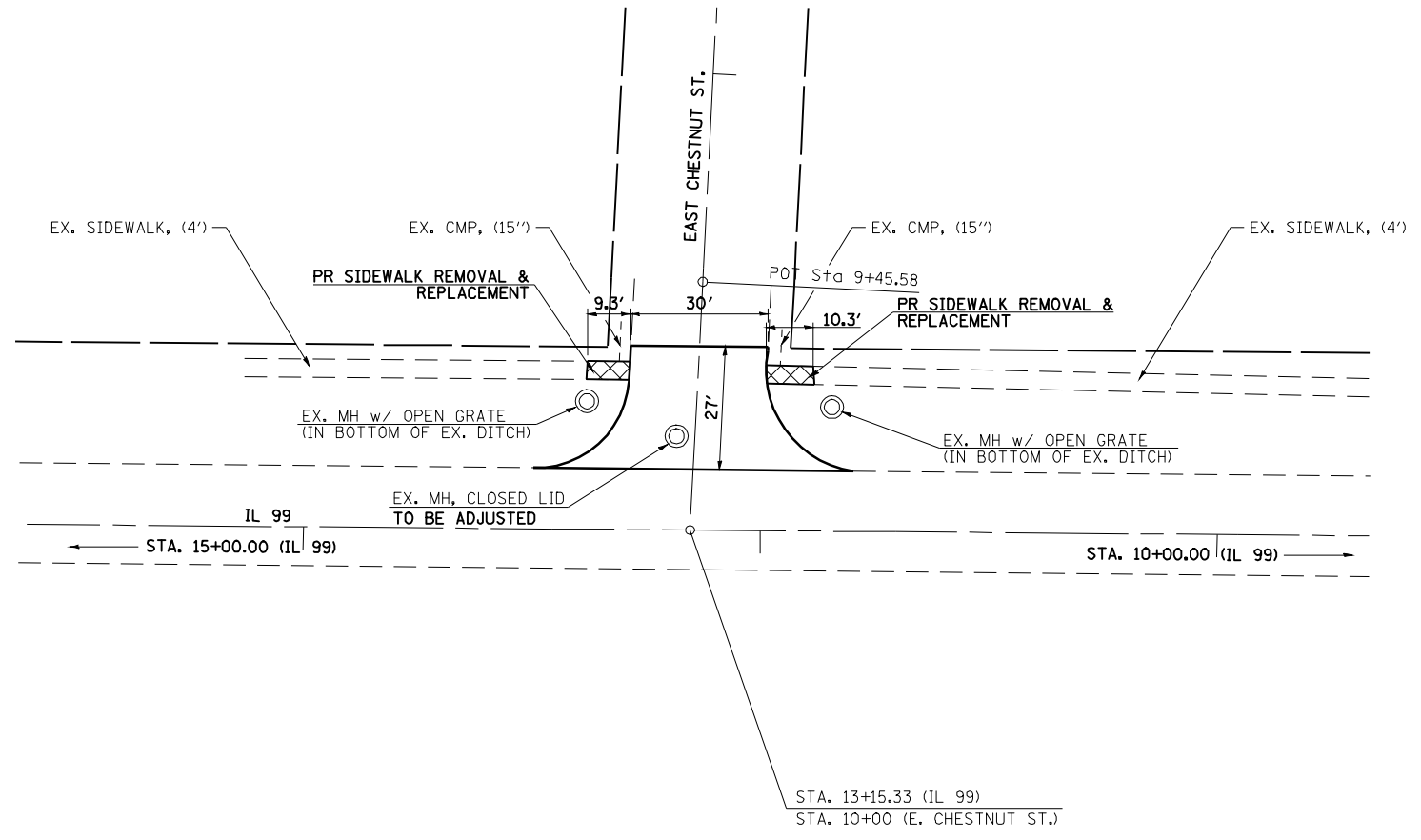
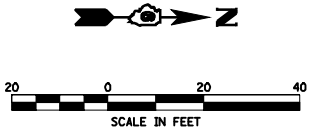
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DIST. 6 DETAILS FOR RURAL/URBAN ENT., MAILBOX
TURNOUT & SIDEROADS W/O CONC. GUTTER (3P-PROJ.)**

SCALE: SHEET NO. 5 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6),18(RS-6),121(RS-5)	BROWN	49	38
CONTRACT NO. 72C37				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

ENTRANCE IMPROVEMENT SCHEDULE FOR RURAL / URBAN "PPP" PROJECTS															
LOCATION	TYPE OF ENTRANCE	EX MATERIAL TYPE	WIDTH	RT OFFSET	LT OFFSET	LENGTH (FROM EDGE OF PVT/ BIT SHLD TO LIMITS OF IMPROVEMENT)	PR BIT. CONC. THICKNESS	BIT. SURF. REM. - BUTT JOINT	P. C. C. SURF. REM. - BUTT JOINT	PREP OF BASE	AGG. BASE REPAIR	AGGREGATE SURFACE COURSE TY - B	BIT (P. C.)	AGG (P. C.)	INCIDENTAL BIT. SURF.
(LT / RT) (STA) (+)	(FE / PE / CE / MB) (RURAL / URBAN)	(EARTH / AGG. / BIT. / P. C. C.)	FOOT	FOOT	FOOT	FOOT	INCH	SQ. YD.	SQ. YD.	SQ. YD.	TON	TON	TON	TON	TON
ILLINOIS 107															
RT. STA. 319+50	PE/RURAL	PCC/AGG	10						25				0.01		2
LT. STA. 326+00	FE/RURAL	EARTH	16												
RT. STA. 330+70	SR/RURAL	BIT	16					31					0.01		3
LT. STA. 335+70	FE/RURAL	AGG	24												
RT. STA. 347+70	FE/RURAL	EARTH	24												
LT. STA. 348+10	PE/MB/RURAL	BIT/AGG	10					25					0.01		9
RT. STA. 356+00	CE/RURAL	AGG	18								1				15
LT. STA. 357+70	FE/RURAL	AGG	12												
LT. STA. 365+00	PE/MB/RURAL	BIT	10					25					0.01		9
LT. STA. 374+05	FE/RURAL	BIT/AGG	12												
LT. STA. 376+65	PE/MB/RURAL	BIT/AGG	10					25					0.01		9
RT. STA. 379+95	PE/RURAL	PCC/AGG	12						27				0.01		2
LT. STA. 380+30	MB/RURAL														6
RT. STA. 381+10	FE/RURAL	BIT/AGG	12												
LT. STA. 390+25	FE/RURAL	PCC/AGG	18												
RT. STA. 390+75	PE/RURAL	PCC	24						39				0.01		3
LT. STA. 398+00	PE/RURAL	BIT/AGG	12					27					0.01		2
RT. STA. 401+00	SR/RURAL	BIT/AGG	12					27					0.01		2
RT. STA. 410+25	FE/RURAL	AGG	20												
RT. STA. 421+50	FE/RURAL	EARTH	14												
LT. STA. 433+00	SR/RURAL	O&C	24					39					0.01		3
RT. STA. 433+25	SR/RURAL	BIT/AGG	24					39					0.01		3
LT. STA. 447+65	FE/RURAL	AGG	12												
RT. STA. 451+50	PE/RURAL	BIT/AGG	14					29					0.01		2
LT. STA. 459+00	PE/RURAL	BIT/AGG	12					27					0.01		2
RT. STA. 459+00	MB/RURAL														6
LT. STA. 460+70	FE/RURAL	AGG	14												
LT. STA. 466+25	FE/RURAL	EARTH	24												
RT. STA. 466+25	SR/RURAL	O&C	16					31					0.01		3
LT. STA. 478+10	PE/RURAL	BIT/EARTH	16					31					0.01		2
RT. STA. 478+30	PE/MB/RURAL	BIT/AGG	18					33					0.01		9
LT. STA. 479+65	SR/RURAL	O&C	16					31					0.01		3
RT. STA. 489+20	FE/RURAL	AGG	16												
LT. STA. 496+50	PE/RURAL	BIT	12					27					0.01		2
LT. STA. 498+00	PE/RURAL	PCC/AGG	12						27				0.01		2
TOTAL =								447	118			1	0.2		99



NOTE:
ALL LOCATIONS TO BE FIELD VERIFIED

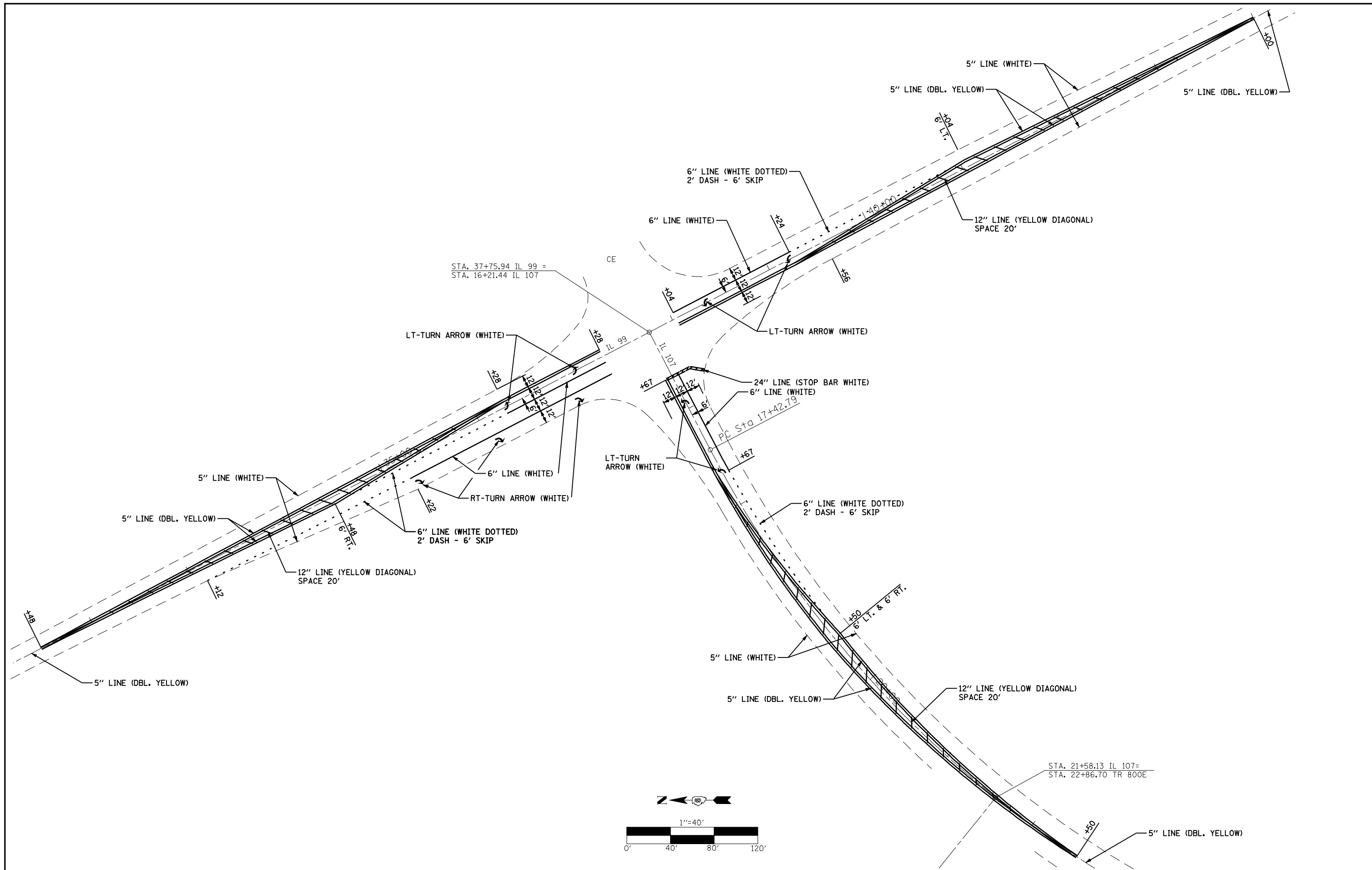
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL 99 & CHESTNUT ST.
MT. STERLING, IL.**

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2585	121(RS-5)	BROWN	49	40
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				



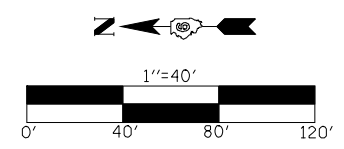
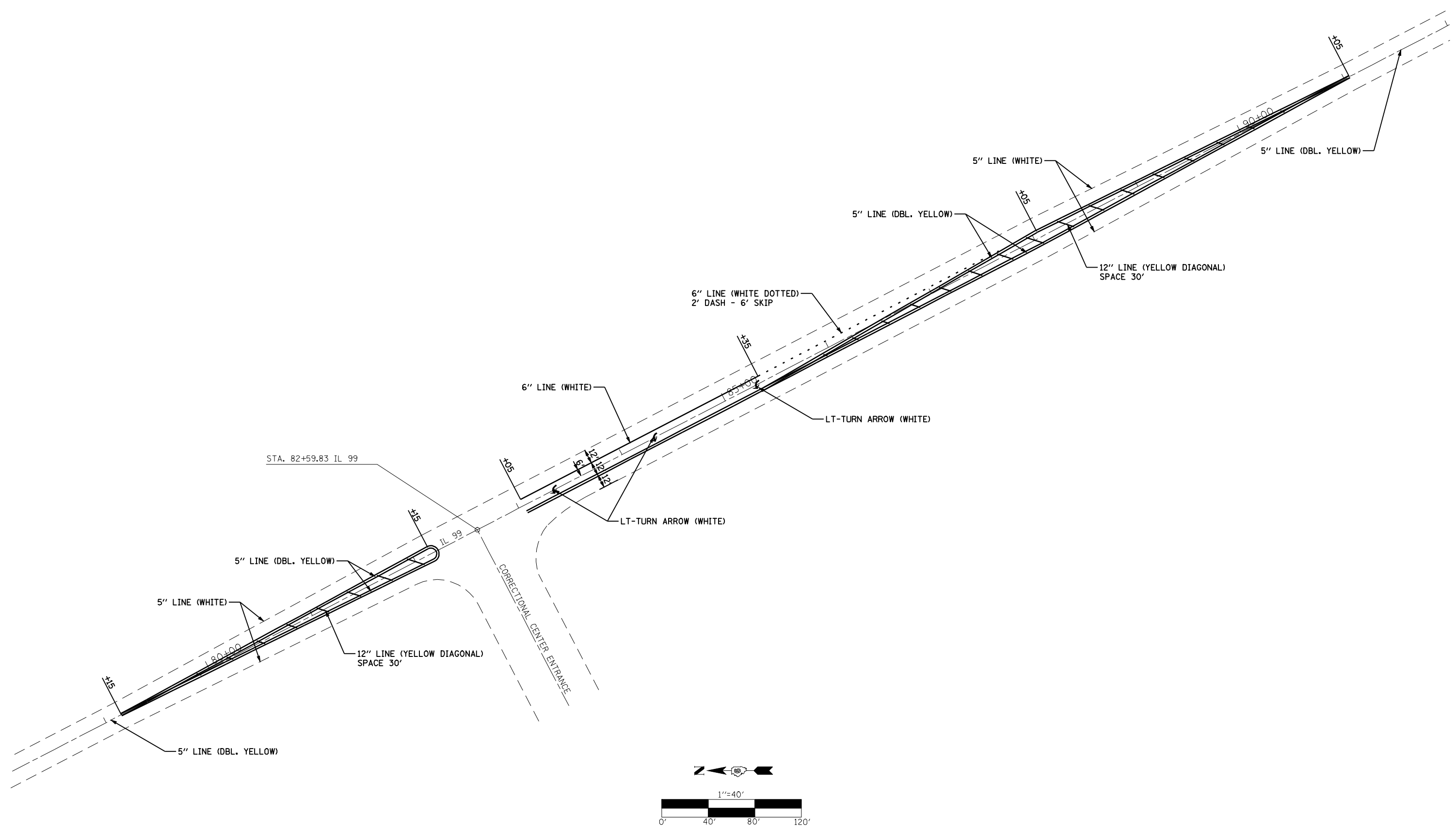
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

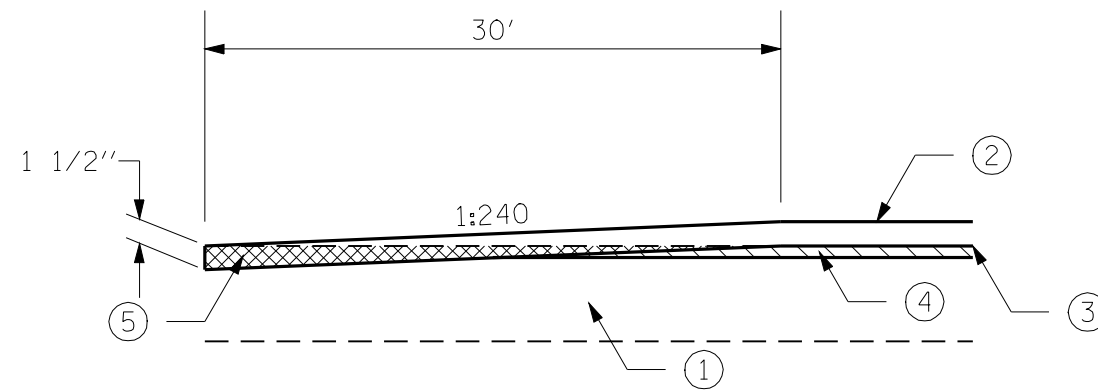
PAVEMENT MARKING DETAIL

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6),18(RS-6),121(RS-5)	BROWN	49	41
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				



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	PLOT SCALE = 80.0000' / IN. PLOT DATE = Apr-08-2010 03:20:23PM	CONTRACT NO. 72C37 ILLINOIS FED. AID PROJECT										



BUTT JOINT DETAIL

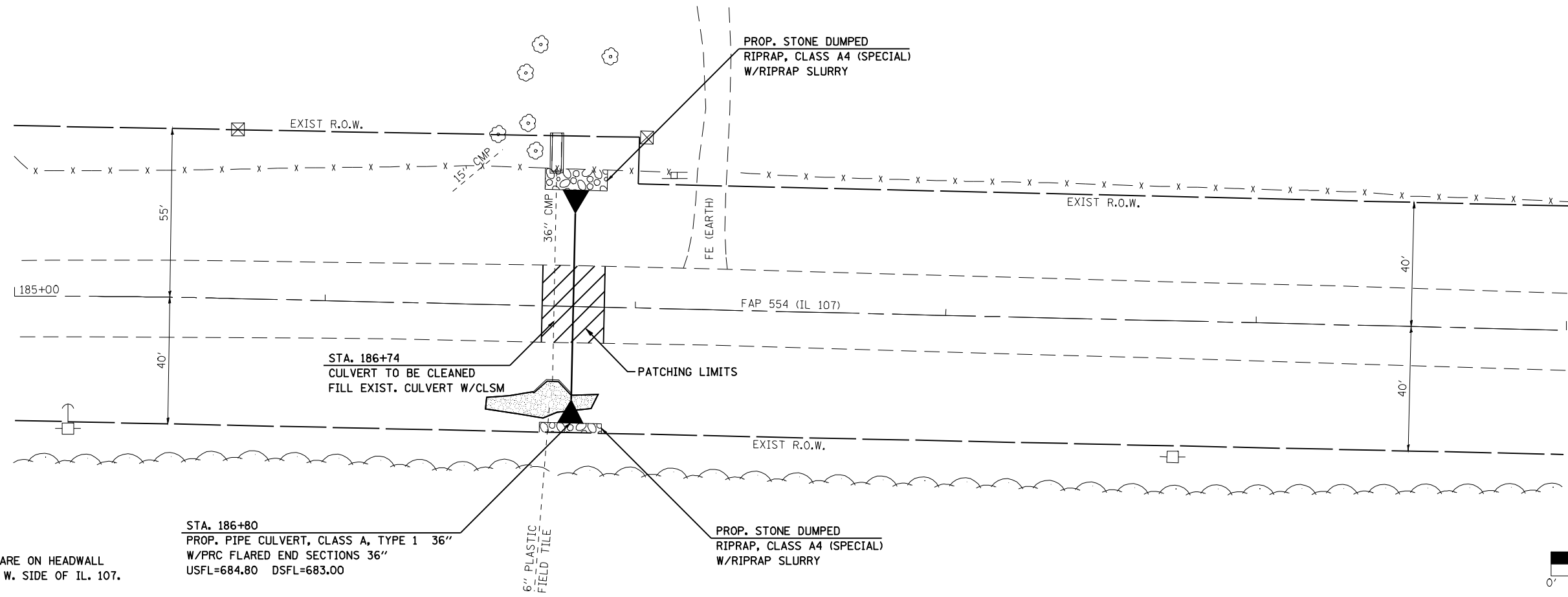
ILLINOIS 99:
 STA. 5+28 TO STA. 5+58
 STA. 95+75 TO STA. 96+05

ILLINOIS 107:
 STA. 382+50 TO STA. 382+80
 STA. 389+20 TO STA. 389+50
 STA. 531+70 TO STA. 532+00

- ① EXIST. HMA RESURFACING
- ② PROP. HMA SURFACE COURSE, MIX "C" OR MIX "D", N50 OR N70 (1 1/2")
- ③ PROP. LEVELING BINDER (MACHINE METHOD), N50 OR N70 (3/4")
- ④ PROP. HMA SURFACE REMOVAL, VARIABLE DEPTH OR 2 1/4"
- ⑤ PROP. HMA SURFACE REMOVAL - BUTT JOINT

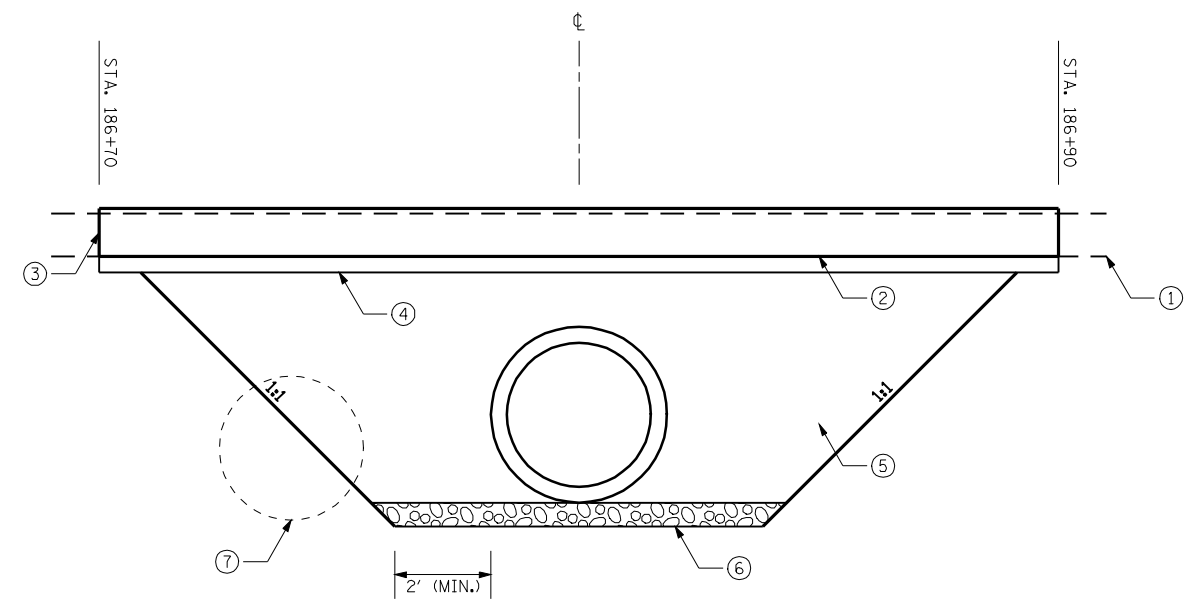
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es:\pwwork\PIWIDOT\LAUGHLINRL\0200040	672C37-shd-details3.dgn	DRAWN -	REVISED -		554	16(RS-6),18(RS-6),121(RS-5)	BROWN	49	43				
Plot SCALE = 40.000' / IN.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 72C37								
PLOT DATE = Apr-08-2010 03:20:25PM	DATE -	REVISED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		





BM 19 SET CHISLED SQUARE ON HEADWALL
FOR A 36" CMP ON THE W. SIDE OF IL. 107.
ELEV. 686.25

STA. 186+80
PROP. PIPE CULVERT, CLASS A, TYPE 1 36"
W/PRC FLARED END SECTIONS 36"
USFL=684.80 DSFL=683.00



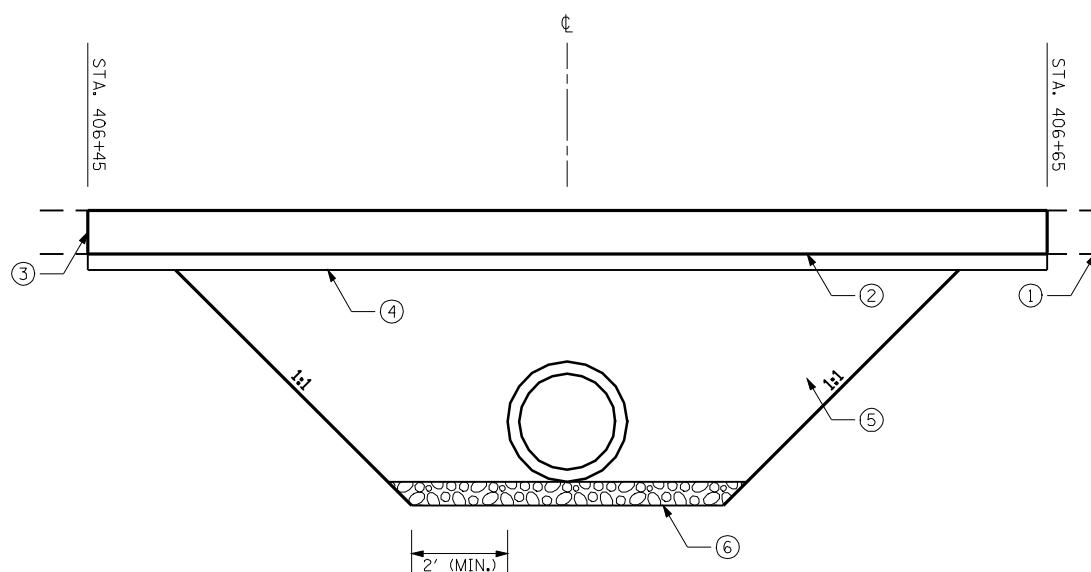
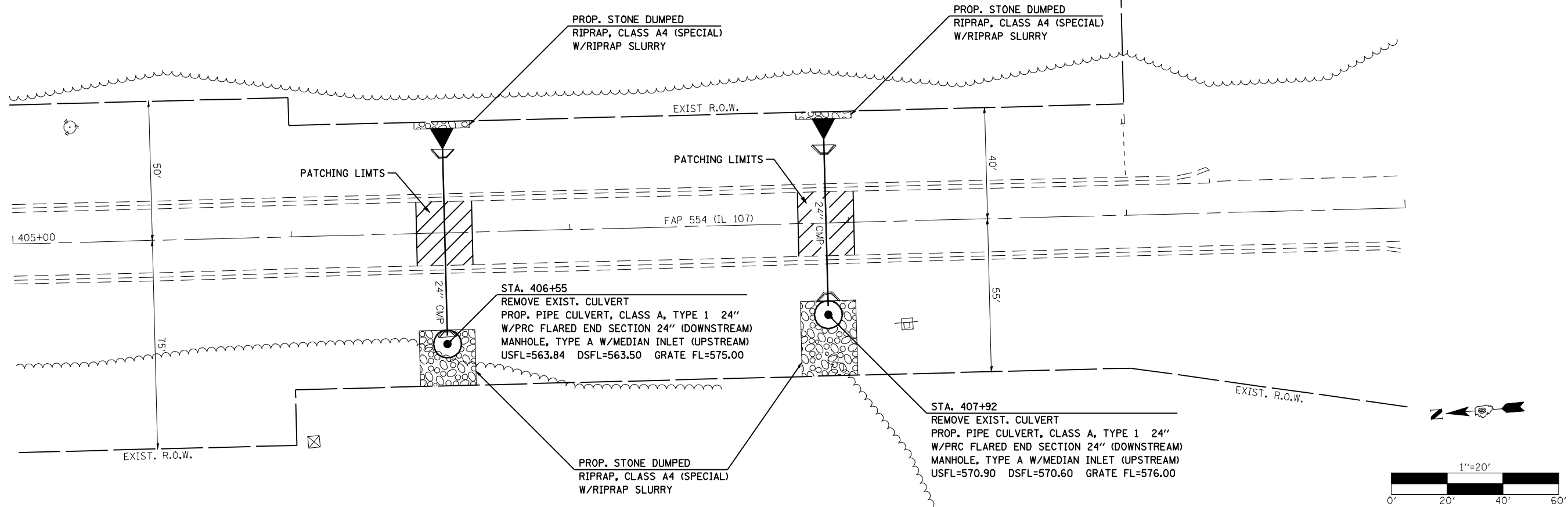
- ① EXIST. PAVEMENT
- ② PROP. PAVEMENT PATCHING, TYPE IV, 11 INCH
- ③ PROP. FULL DEPTH SAW CUT (TYPICAL) - INCLUDED IN COST OF PATCH
- ④ PROP. SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- ⑤ PROP. TRENCH BACKFILL, SPECIAL
- ⑥ PROP. POROUS GRANULAR MATERIAL 6" (INCLUDED IN COST OF PATCH)
- ⑦ EXIST. CULVERT (UPSTREAM SECTION SHOWN)

PAVEMENT PATCHING DETAIL

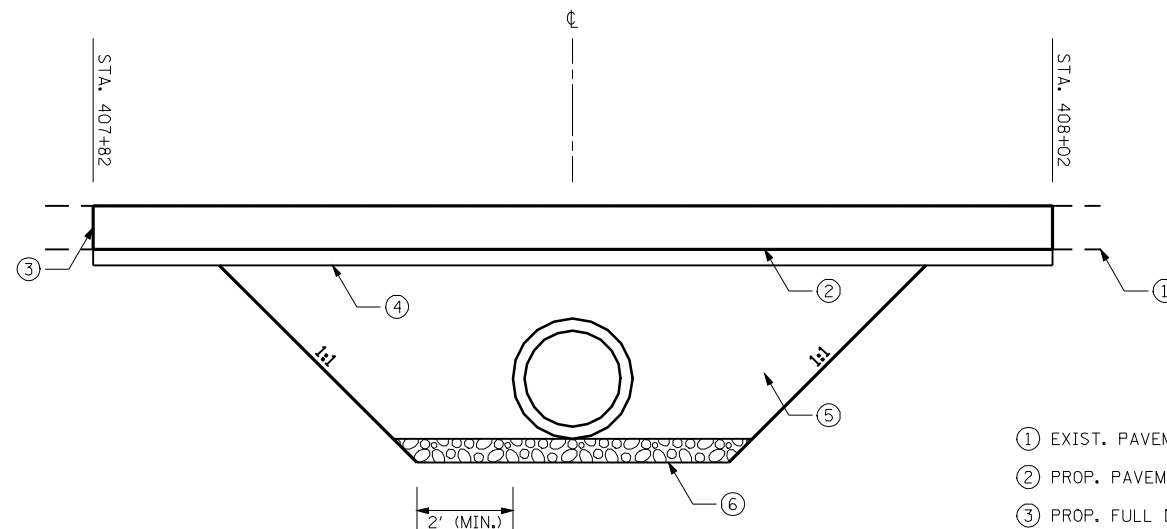
NOTE: SEE CROSS SECTIONS FOR ADDITIONAL INFORMATION

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CULVERT PLAN AND PAVEMENT PATCHING DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
er\pwork\PWIDOT\LAUGHLINRL\0200040	672C37-shd-detail1a3.dgn	DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 3 SHEETS	STA.	TO STA.	554	16(RS-6) & 18(RS-6)	BROWN	49	44
Johnson, Depp & Quisenberry CONSULTING ENGINEERS Springfield, Illinois	PLOT SCALE = 40.000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 72C37								
	PLOT DATE = Apr-08-2010 03:20:27PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

BM 107TA9 CHISELED SQUARE ON END OF SOUTH HEADWALL STA. 406+55 ELEV. 566.12



PAVEMENT PATCHING DETAIL



PAVEMENT PATCHING DETAIL

- ① EXIST. PAVEMENT
- ② PROP. PAVEMENT PATCHING, TYPE IV, 11 INCH
- ③ PROP. FULL DEPTH SAW CUT (TYPICAL) - INCLUDED IN COST OF PATCH
- ④ PROP. SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- ⑤ PROP. TRENCH BACKFILL, SPECIAL
- ⑥ PROP. POROUS GRANULAR MATERIAL 6" (INCLUDED IN COST OF PATCH)

NOTE: SEE CROSS SECTIONS FOR ADDITIONAL INFORMATION

FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -
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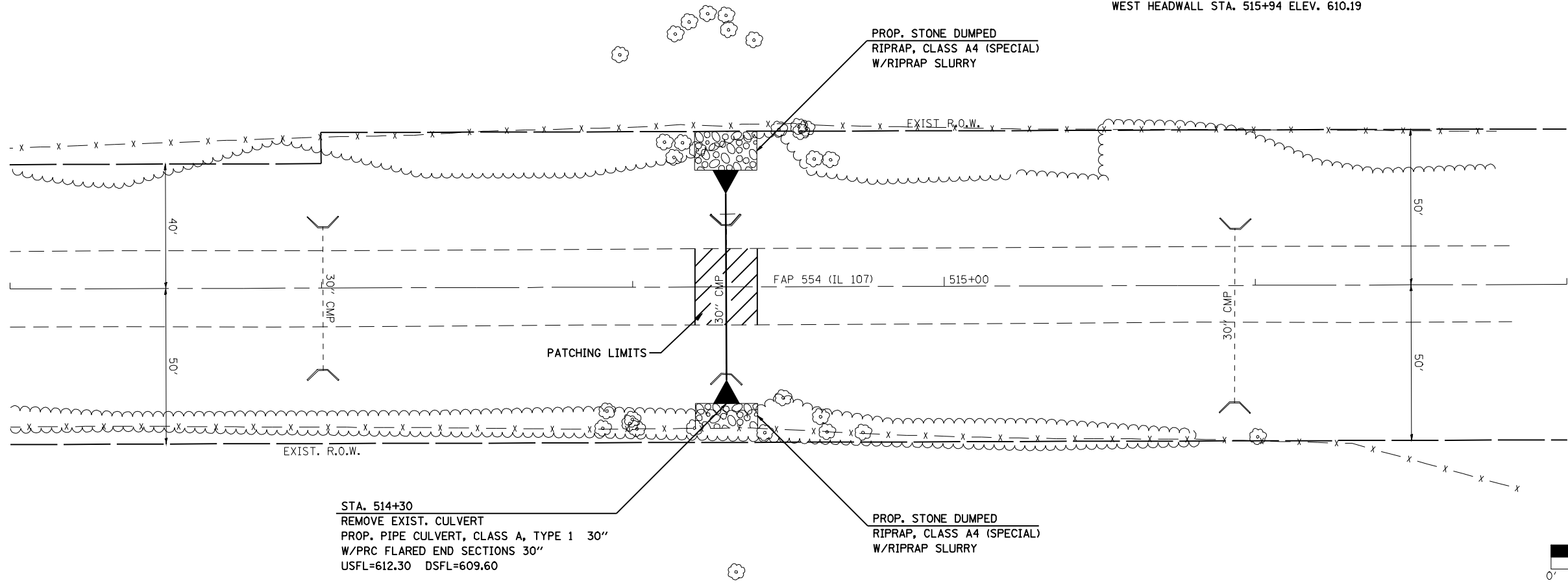
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CULVERT PLAN AND PAVEMENT PATCHING DETAIL

SCALE: SHEET NO. 2 OF 3 SHEETS STA. TO STA.

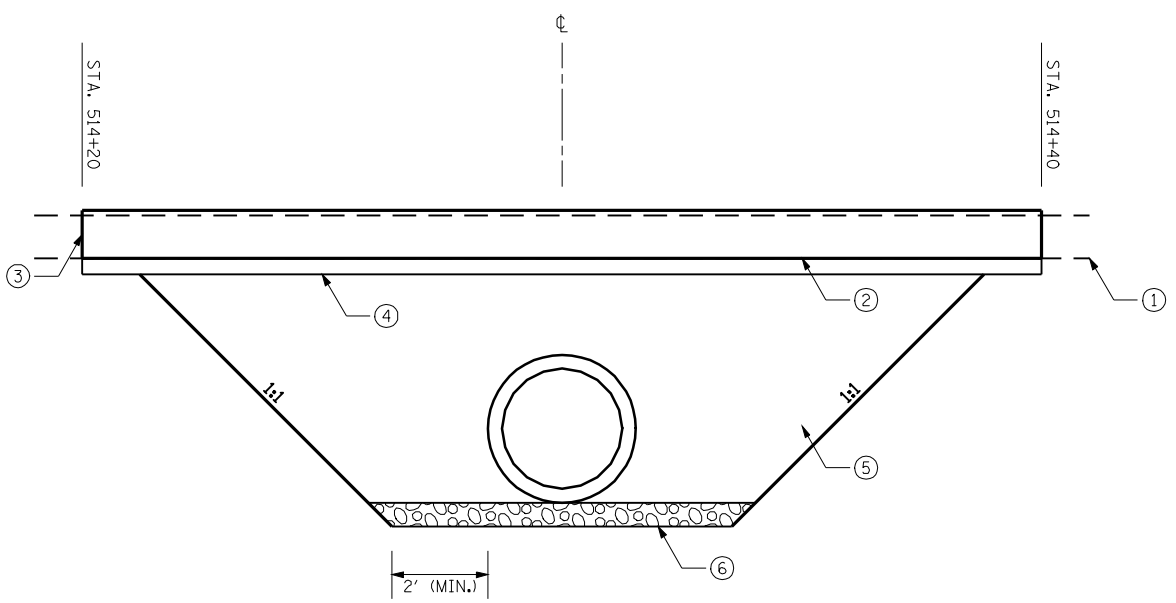
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	45
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				

BM 107TA17 SET CHISELED SQUARE CENTER OF WEST HEADWALL STA. 515+94 ELEV. 610.19



STA. 514+30
 REMOVE EXIST. CULVERT
 PROP. PIPE CULVERT, CLASS A, TYPE 1 30"
 W/PRC FLARED END SECTIONS 30"
 USFL=612.30 DSFL=609.60

PROP. STONE DUMPED
 RIPRAP, CLASS A4 (SPECIAL)
 W/RIPRAP SLURRY



- ① EXIST. PAVEMENT
- ② PROP. PAVEMENT PATCHING, TYPE IV, 11 INCH
- ③ PROP. FULL DEPTH SAW CUT (TYPICAL) - INCLUDED IN COST OF PATCH
- ④ PROP. SUB-BASE GRANULAR MATERIAL, TYPE A 4"
- ⑤ PROP. TRENCH BACKFILL, SPECIAL
- ⑥ PROP. POROUS GRANULAR MATERIAL 6" (INCLUDED IN COST OF PATCH)

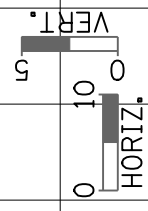
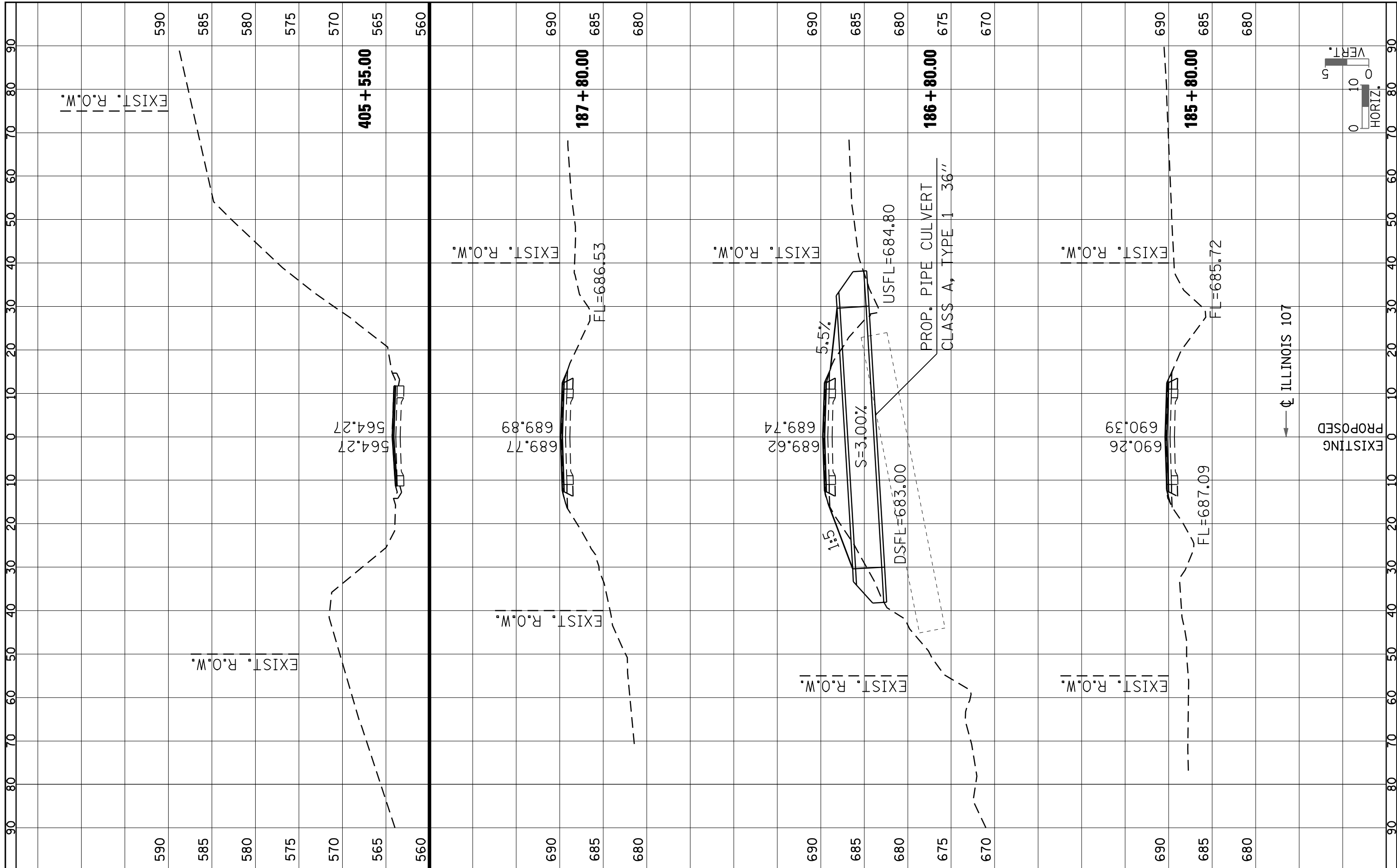
PAVEMENT PATCHING DETAIL

NOTE: SEE CROSS SECTIONS FOR ADDITIONAL INFORMATION

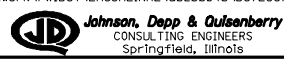
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	SCALE: SHEET NO. 3 OF 3 SHEETS STA. TO STA.						

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS	
	CHECKED	

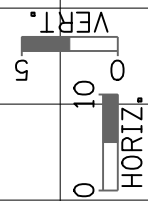
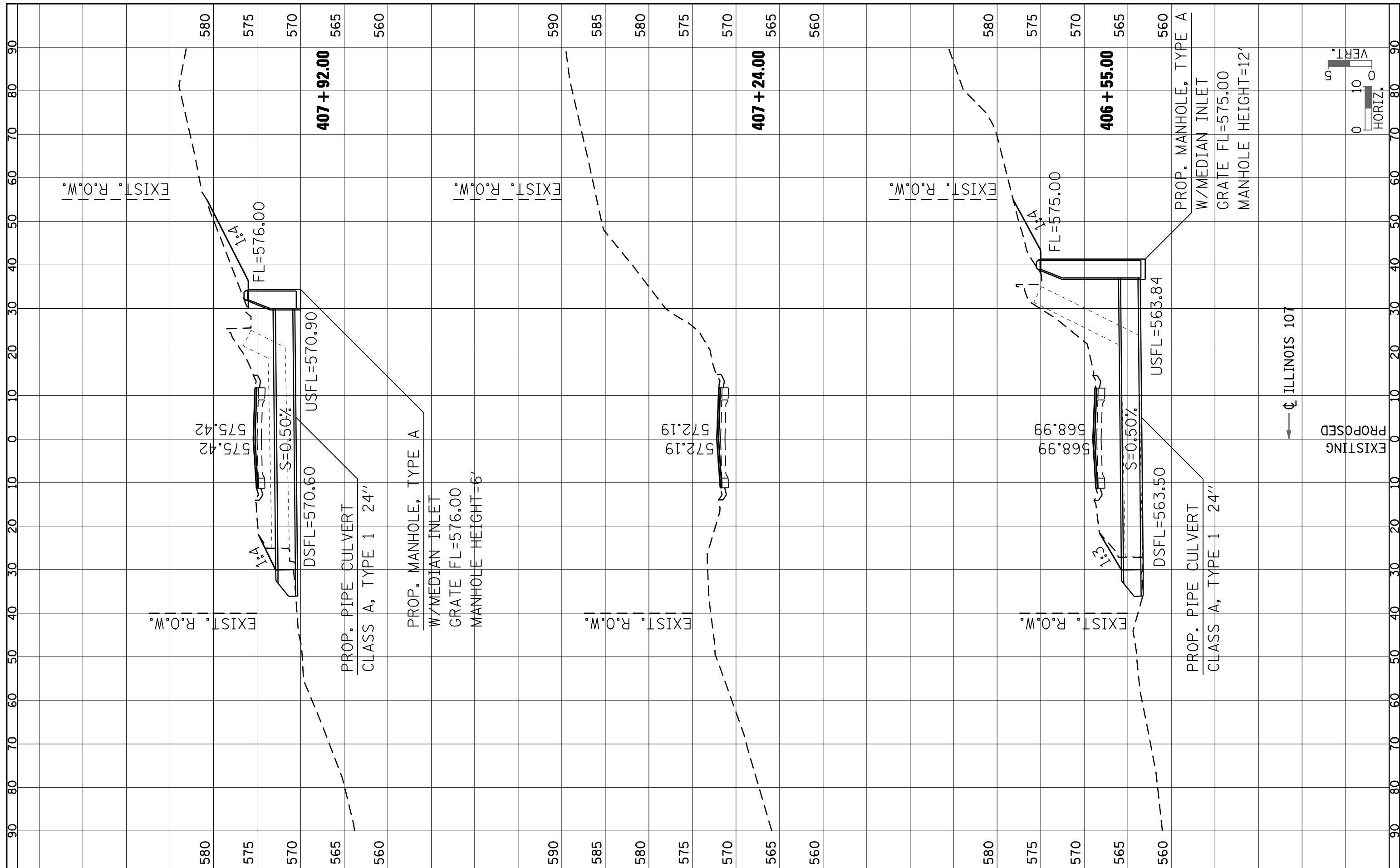


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	PLOT DATE = Apr-08-2010 03:20:33PM	DATE -	REVISED -									



FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
	PLOTTED	
	TEMPLATE	
	AREAS CHECKED	



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DESIGNED	-	REVISED	-
DRAWN	-	REVISED	-
CHECKED	-	REVISED	-
DATE	-	REVISED	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

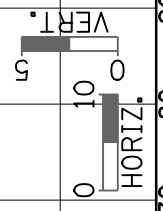
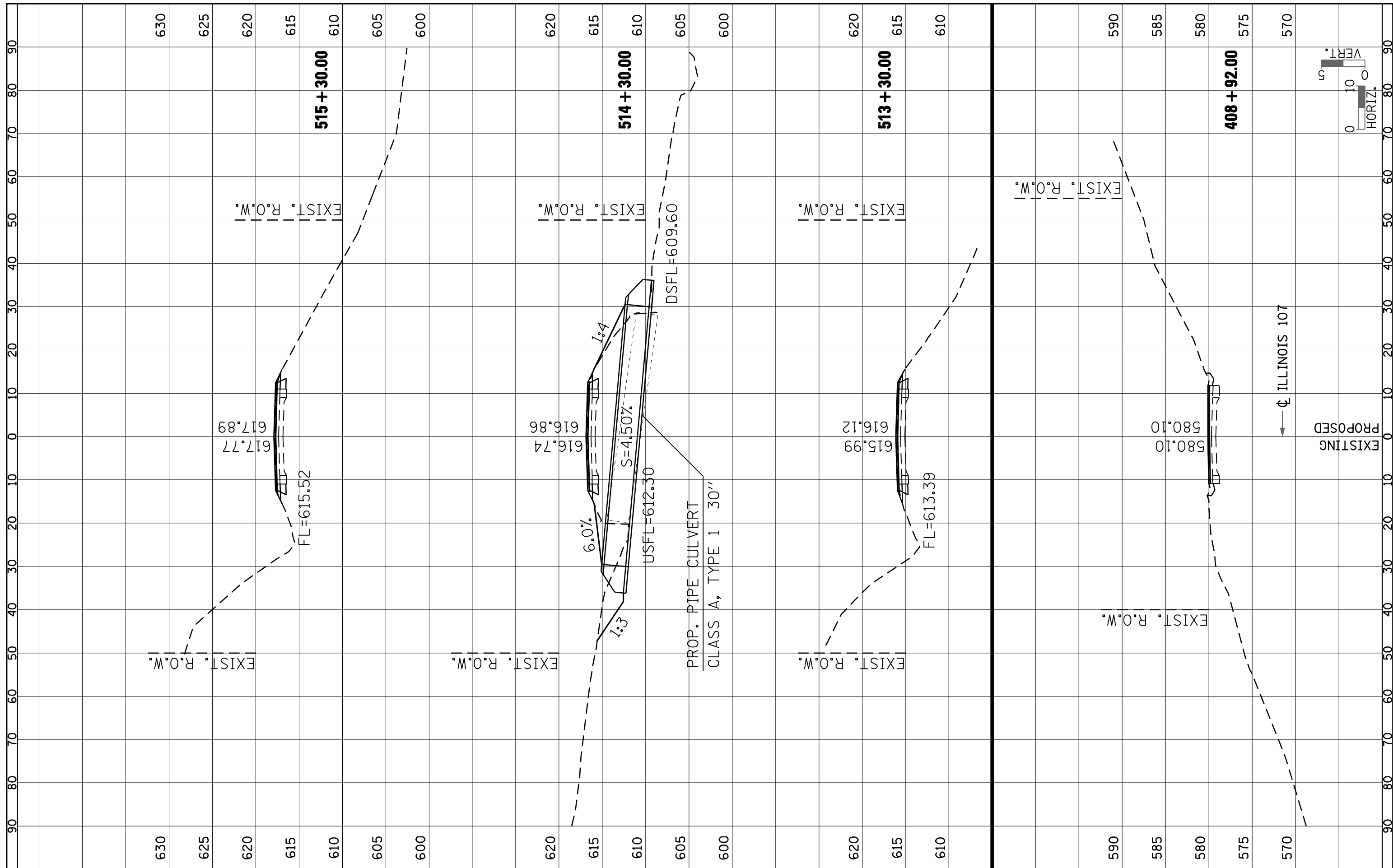
CROSS SECTIONS

SCALE: SHEET NO. 2 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
554	16(RS-6) & 18(RS-6)	BROWN	49	48
CONTRACT NO. 72C37				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	

ORIGINAL SURVEY NO.	SURVEYED	DATE
NOTE BOOK	PLOTTED	
AREAS CHECKED	TEMPLATE	
	AREAS CHECKED	



FILE NAME =	USER NAME = laughlinr1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS			F.A.P. RTE. 554	SECTION 16(RS-6) & 18(RS-6)	COUNTY BROWN	TOTAL SHEETS 49	SHEET NO. 49
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	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE = Apr-08-2010 03:20:36PM	DATE -	REVISED -									

