

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2)Q	HANCOCK	18	1
ILLINOIS			CONTRACT NO. 72L07	

D-96-028-19

INDEX OF SHEETS

- 1 COVER SHEET
- 2 GENERAL NOTES
- 3 - 4 SUMMARY OF QUANTITIES
- 5 TYPICAL SECTION
- 6 SCHEDULES OF QUANTITIES
- 7 - 12 PLAN SHEETS
- 13 - 17 INTERSECTION DETAILS
- 18 GENERAL DETAILS

STANDARDS

- 000001-7 701406-12
- 001006 701901-08
- 701400-09 780001-05
- 701401-12 781001-04

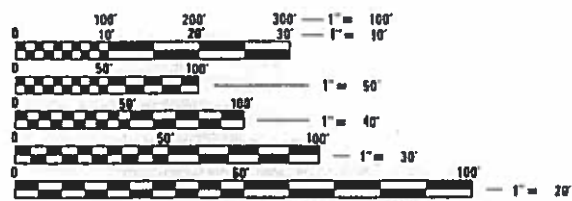
PROPOSED  
HIGHWAY PLANS

FAP ROUTE 302 (IL 110/336)  
SECTION (34-1, 34-2)Q  
PROJECT: NHPP-RV04(189)  
CAPE SEAL AND FOG SEAL  
HANCOCK COUNTY

C-96-039-19



2019 ADT IL 110/336 = 3,500, MU=12.3%, SU=5.2%

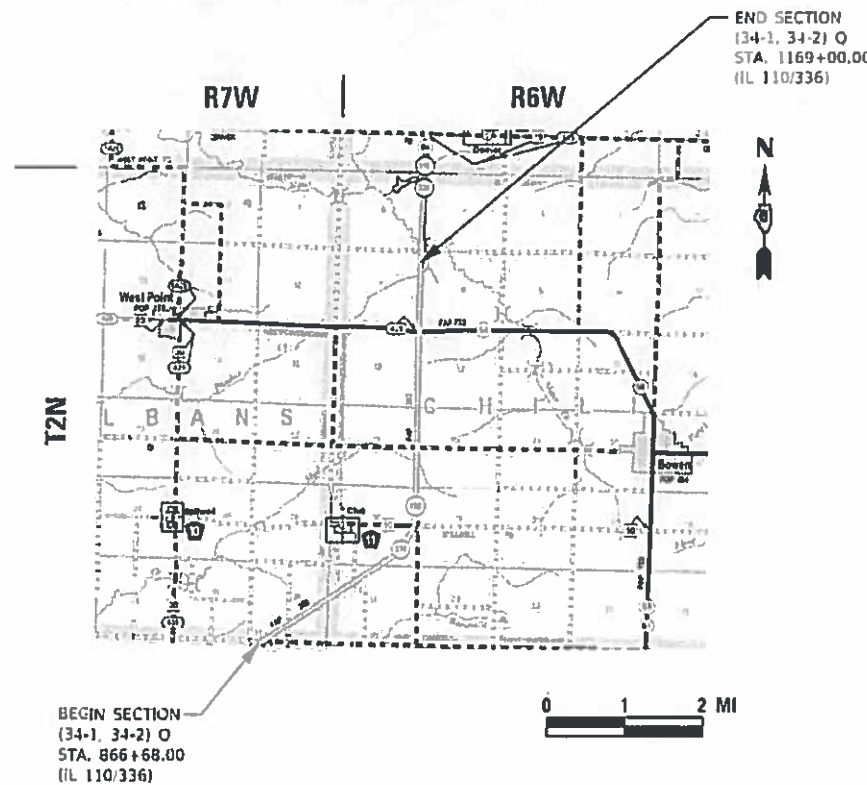


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: SAL MADONIA (217) 782-4760  
PROJECT MANAGER: BRIAN MINDER (217) 557-7897

CONTRACT NO. 72L07



GROSS LENGTH = 30,232.00 FT. = 5.726 MILES  
NET LENGTH = 30,232.00 FT. = 5.726 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 1 February 2019  
[Signature]  
REGIONAL ENGINEER

March 22, 2019  
[Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2019  
[Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS



**GENERAL NOTES:**

1. IN ADDITION TO FIELD SURVEYS AND AERIAL SURVEYS, PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING FACILITIES HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD. SUCH VARIATIONS SHALL NOT BE A CAUSE FOR ADDITIONAL COMPENSATION DUE TO A CHANGE IN THE SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE BID PRICE FOR THE WORK.
2. THE CONTRACTOR SHALL NOTIFY AS NECESSARY ALL TESTING AGENCIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION. FAILURE OF THE CONTRACTOR TO ALLOW PROPER NOTIFICATION TIME WHICH RESULTS IN TESTING COMPANIES BEING UNABLE TO VISIT THE SITE AND PERFORM TESTING WILL CAUSE THE CONTRACTOR TO SUSPEND OPERATIONS TO BE TESTED UNTIL THE TESTING AGENCY CAN SCHEDULE TESTING OPERATIONS. COSTS OF SUSPENSION OF WORK WILL BE ABSORBED BY THE CONTRACTOR.
3. EXISTING PAVEMENT DAMAGED DUE TO THE CONTRACTOR'S OPERATIONS, AND NOT OTHERWISE NECESSARY TO REPLACE, SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.
4. THE CONTRACTOR SHALL BE AWARE THAT EXISTING CONCRETE PATCHES SHALL BE MILLED AS PART OF THE PROPOSED HMA SURFACE CORRECTION AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE MILLING OF THE CONCRETE.
5. CONTINUOUS PAVING OPERATIONS ON THE MAIN ROADWAY SHALL BE MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION OF THE BITUMINOUS SURFACE. NO INTERRUPTIONS FOR SIDE ROADS, ENTRANCE, TURN LANES, ETC. WILL BE ALLOWED.
6. PROPOSED SUPERELEVATIONS SHOWN IN THE TYPICAL SECTIONS ARE REFERENCED FROM EXISTING PLANS AND SHALL MATCH EXISTING PAVEMENT GRADES AND TRANSITIONS. THE ENGINEER SHALL FIELD VERIFY ALL EXISTING SUPERELEVATIONS.
7. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 6 BUREAU OF OPERATIONS AT (217) 785-5312 THREE WEEKS PRIOR TO IMPLEMENTING ANY TRAFFIC CONTROL.
8. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE TRAFFIC CONTROL DEVICES AT ALL TIMES DURING CONSTRUCTION ACTIVITIES AND SHALL COORDINATE THE ITEMS OF WORK IN ORDER TO KEEP HAZARD TRAFFIC INCONVENIENCIES TO A MINIMUM.
9. NO WORK SHALL COMMENCE UNTIL ALL TRAFFIC CONTROL REQUIREMENTS ARE MET.
10. THE DISTRICT 6 BUREAU OF OPERATIONS SHALL BE NOTIFIED AT LEAST 14 DAYS PRIOR TO PLACEMENT OF FINAL PAVEMENT MARKINGS (217 785-5312).
11. SPOTTERS REQUIRED BY HIGHWAY STANDARDS SHALL BE PRESENT DURING ALL CLOSURE HOURS INCLUDING LUNCH HOUR AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
12. EMERGENCY VEHICLE ACCESS MUST BE MAINTAINED DURING CONSTRUCTION.
13. LIMITS OF CONSTRUCTION ALONG SIDE ROADS SHALL BE VERIFIED AND APPROVED BY THE ENGINEER BEFORE WORK BEGINS. LIMITS MAY BE ADJUSTED FROM PROPOSED PLAN LAYOUT IF THE ENGINEER DEEMS IT NECESSARY.
14. THE THICKNESS OF HMA MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.
15. THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HMA LIFTS.
16. ALL PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
17. UNLESS DIRECTED BY THE ENGINEER, PAVEMENT MARKING LINES SHALL NOT BE LAID DIRECTLY OVER A LONGITUDINAL CRACK OR JOINT OR OVER A TAR OR ASPHALT PAINTED LINE. THE EDGE OF A CENTER-LINE OR LANE LINE SHALL BE OFFSET A MINIMUM DISTANCE OF 2" FROM A LONGITUDINAL CRACK OR JOINT. EDGE LINES SHALL BE APPROXIMATELY 2" FROM THE EDGE LINE OF PAVEMENT. SEE SECTION 780 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS.

**COMMITMENTS**

1. THE RESIDENT ENGINEER SHALL CONTACT STUDIES AND PLANS CONCERNING ANY MAJOR PLAN CHANGE TO MAKE SURE NO PREVIOUS COMMITMENTS (NOT LISTED) WERE MADE AFFECTING THE DESIGN AND TO ALLOW IMPROVED DESIGN FOR FUTURE PROJECTS.

**RATES OF APPLICATION USED TO CALCULATE PLAN QUANTITIES**

POLYMERIZED BITUMINOUS MATERIALS (FOG SEAL) 0.08 POUNDS/ SQ FT, SHOULDER

DISTRICT SIX	
EXAMINED <i>1 February</i>	20 <i>19</i>
<i>[Signature]</i>	
OPERATIONS ENGINEER	
EXAMINED <i>1 February</i>	20 <i>19</i>
<i>[Signature]</i>	
PROJECT IMPLEMENTATION ENGINEER	
EXAMINED <i>January 29</i>	20 <i>19</i>
<i>[Signature]</i>	
PROGRAM DEVELOPMENT ENGINEER	

MOBILE: (512) 468-6888; FAX: (512) 468-6889; EMAIL: daniel.miller@texas.gov

USER NAME = [ ]	DESIGNED - [ ]	REVISED - [ ]
PLLOT SCALE = 20:0000' / 1" = [ ]	DRAWN - [ ]	REVISED - [ ]
PLLOT DATE = 2/12/19	CHECKED - [ ]	REVISED - [ ]
	DATE - [ ]	REVISED - [ ]

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**GENERAL NOTES**

SCALE: NTS SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE. 302	SECTION (34-1, 34-2) Q	COUNTY HANCOCK	TOTAL SHEETS 18	SHEET NO. 2
ILLINOIS FED. -ID PROJECT				CONTRACT NO. 72L07



				6-01251-0000
				CONST CODE
				80% FEDERAL 20% STATE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY
				0005 RURAL
40500001	FIBER-MODIFIED ASPHALT CRACK SEALING	FOOT	90,288	90,288
40500064	CAPE SEAL, TYPE II, MIXTURE D	SQ YD	186,810	186,810
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	50	50
44000690	HOT-MIX ASPHALT SURFACE CORRECTION	SQ YD	186,810	186,810
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	9
67100100	MOBILIZATION	L SUM	1	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	11,837	11,837
70300150	SHORT-TERM PAVEMENT MARKING REMOVAL	SQ FT	3,906	3,906
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,720	1,720
* 78009005	MODIFIED URETHANE PAVEMENT MARKING - LINE 5"	FOOT	138,430	138,430
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	11,338	11,338
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	2,884	2,884

\* SPECIALTY ITEM

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PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: NTS    SHEET 1 OF 2 SHEETS    STA.    TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2) Q	HANCOCK	18	3
			CONTRACT NO. 72L07	
ILLINOIS FED. AID PROJECT				



				6-01251-0000	
				CONST CODE	
				80% FEDERAL 20% STATE	
				ROADWAY	
				0005	
				RURAL	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY		
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	1,585	1,585	
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	150	150	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,298	1,298	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	650	650	
X0320157	CLEANING UNDERDRAIN OUTLETS	EACH	300	300	
X0322279	OUTLET MARKERS	EACH	300	300	
X0500001	POLYMERIZED BITUMINOUS MATERIALS (FOG SEAL)	POUND	71,717	71,717	
∅ Z0076600	TRAINEES	HOUR	1000	1000	
∅ Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	1000	1000	

\* SPECIALTY ITEM  
 ∅ 0042

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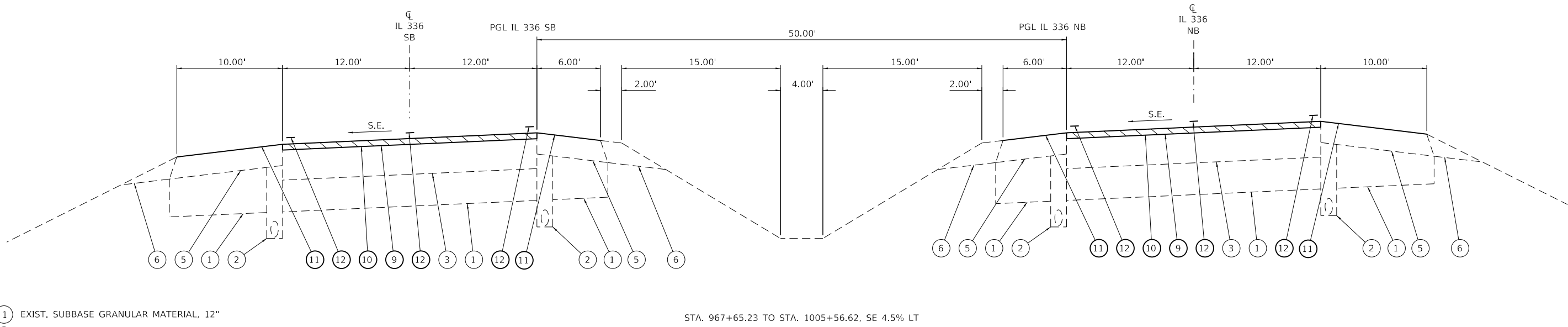
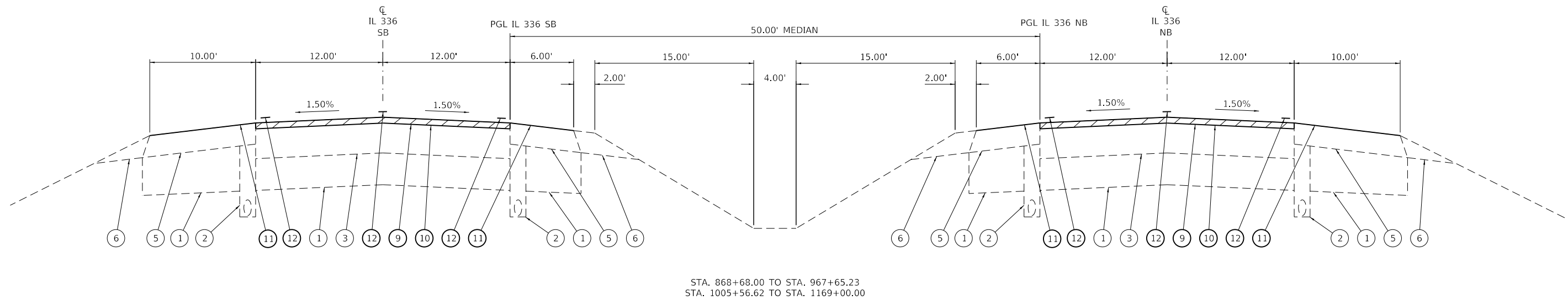
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE: NTS	SHEET 2 OF 2 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2) Q	HANCOCK	18	4
			CONTRACT NO. 72L07	
ILLINOIS FED. AID PROJECT				





- ① EXIST. SUBBASE GRANULAR MATERIAL, 12"
- ② EXIST. PIPE UNDERDRAINS 4"
- ③ EXIST. FULL-DEPTH HMA PAVEMENT, 13 1/2"
- ④ EXIST. FULL-DEPTH HMA PAVEMENT, 11 1/2"
- ⑤ EXIST. HMA SHOULDERS, 8"
- ⑥ EXIST. AGGREGATE SHOULDERS
- ⑦ EXIST. COMBINATION CONCRETE CURB AND GUTTER TYPE M-4.06
- ⑧ EXIST. SOLID PCC MEDIAN
- ⑨ PROPOSED HOT-MIX ASPHALT SURFACE CORRECTION, 1/2"
- ⑩ PROPOSED CAPE SEAL, TYPE II, MIXTURE D
- ⑪ PROPOSED POLYMERIZED BITUMINOUS MATERIALS (FOG SEAL)
- ⑫ MODIFIED URETHANE PAVEMENT MARKING - LINE 5"

**NOTES:**  
 1) HMA SURFACE CORRECTION SHALL BE DONE BY HOLDING A CONSTANT DEPTH ACROSS THE LANE OF PAVEMENT.

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PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>TYPICAL SECTIONS</b>			
SCALE: NTS	SHEET 1	OF 1 SHEETS	STA. 868+68.00 TO STA. 1169+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2) Q	HANCOCK	18	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72L07	



**PAVING SCHEDULE**

STA.	STA.	LENGTH (FOOT)	40500064 CAPE SEAL, TY II, MIX D (SQ YD)	44000690 HMA SURF CORRECTION (SQ YD)	X0500001 POLY BIT MATLS (FOG SEAL) (POUND)	78100100 RAISED REFL PVT MARKER (EACH)	78300200 RAISED REFL PVT MARKER REM (EACH)
866+68.00	to 876+30.00	962	5,131	5,131	2,463	24	12
876+30.00	to 891+85.00	1,555	12,079	12,079	2,832	84	42
891+85.00	to 929+82.00	3,797	20,251	20,251	9,720	95	47
929+82.00	to 944+37.00	1,455	12,109	12,109	2,845	91	46
944+37.00	to 962+35.00	1,798	9,589	9,589	4,603	45	22
962+35.00	to 971+69.00	934	5,822	5,822	2,237	92	46
971+69.00	to 989+02.00	1,733	9,243	9,243	4,436	43	22
989+02.00	to 1001+10.00	1,208	9,477	9,477	2,112	89	45
1001+10.00	to 1017+47.00	1,637	8,731	8,731	4,191	41	20
1017+47.00	to 1026+67.00	920	5,968	5,968	2,202	89	45
1026+67.00	to 1041+13.00	1,446	7,712	7,712	3,702	36	18
1041+13.00	to 1055+30.00	1,417	11,577	11,577	2,674	92	46
1055+30.00	to 1077+71.00	2,241	11,952	11,952	5,737	56	28
1077+71.00	to 1087+00.00	929	6,016	6,016	2,225	94	47
1087+00.00	to 1119+75.00	3,275	17,467	17,467	8,384	82	41
1119+75.00	to 1133+52.00	1,377	12,477	12,477	2,762	94	47
1133+52.00	to 1157+50.00	2,398	12,789	12,789	6,139	60	30
1157+50.00	to 1168+83.00	1,133	8,330	8,330	2,408	90	45
1168+83.00	to 1169+00.00	17	91	91	44	0	0
<b>TOTAL=</b>			<b>186,810</b>	<b>186,810</b>	<b>71,717</b>	<b>1,298</b>	<b>650</b>

**STRIPING SCHEDULE**

STA.	STA.	LENGTH (FOOT)	78009005 MOD URETHANE PVT MKG - LINE 5" (FOOT)		78009006 MOD URETHANE PVT MKG - LINE 6" (WHITE) (FOOT)	78009008 MOD URETHANE PVT MKG - LINE 8" (FOOT)		78009012 MOD URETHANE PVT MKG - LINE 12" (FOOT)		78009024 MOD URETHANE PVT MKG - LINE 24" (WHITE) (FOOT)	78009000 MOD URETHANE PVT MKG - LTRS & SYM (SQ FT)	70300100 SHORT-TERM PVT MKG (FOOT)	70300150 SHORT-TERM PVT MKG REM (SQ FT)
			WHITE	YELLOW		WHITE	YELLOW	WHITE	YELLOW				
866+68.00	to 876+30.00	962	2,405	1,924								346	114
876+30.00	to 891+85.00	1,555	3,888	3,452	2,013	425	318	227	278	23	232	715	236
891+85.00	to 929+82.00	3,797	9,493	7,594								1,367	451
929+82.00	to 944+37.00	1,455	3,638	2,910	1,650	465	296	290	238	22	232	669	221
944+37.00	to 962+35.00	1,798	4,495	3,596								647	214
962+35.00	to 971+69.00	934	2,335	2,234	571						94	383	126
971+69.00	to 989+02.00	1,733	4,333	3,466								624	206
989+02.00	to 1001+10.00	1,208	3,020	2,416	1,514	257		195		26	247	556	183
1001+10.00	to 1017+47.00	1,637	4,093	3,274								589	194
1017+47.00	to 1026+67.00	920	2,300	1,840	571						94	377	124
1026+67.00	to 1041+13.00	1,446	3,615	2,892								521	172
1041+13.00	to 1055+30.00	1,417	3,543	3,740	1,575	240		115		26	232	652	215
1055+30.00	to 1077+71.00	2,241	5,603	4,482								807	266
1077+71.00	to 1087+00.00	929	2,323	1,858	571						94	381	126
1087+00.00	to 1119+75.00	3,275	8,188	6,550								1,179	389
1119+75.00	to 1133+52.00	1,377	3,443	3,364	1,823	748		227		37	294	633	209
1133+52.00	to 1157+50.00	2,398	5,995	4,796								863	285
1157+50.00	to 1168+83.00	1,133	2,833	2,428	1,050	135		15		16	201	521	172
1168+83.00	to 1169+00.00	17	43	34								6	2
<b>TOTAL=</b>			<b>138,430</b>	<b>11,338</b>	<b>11,338</b>	<b>2,884</b>	<b>1,585</b>	<b>150</b>	<b>1,720</b>	<b>11,837</b>	<b>3,906</b>		

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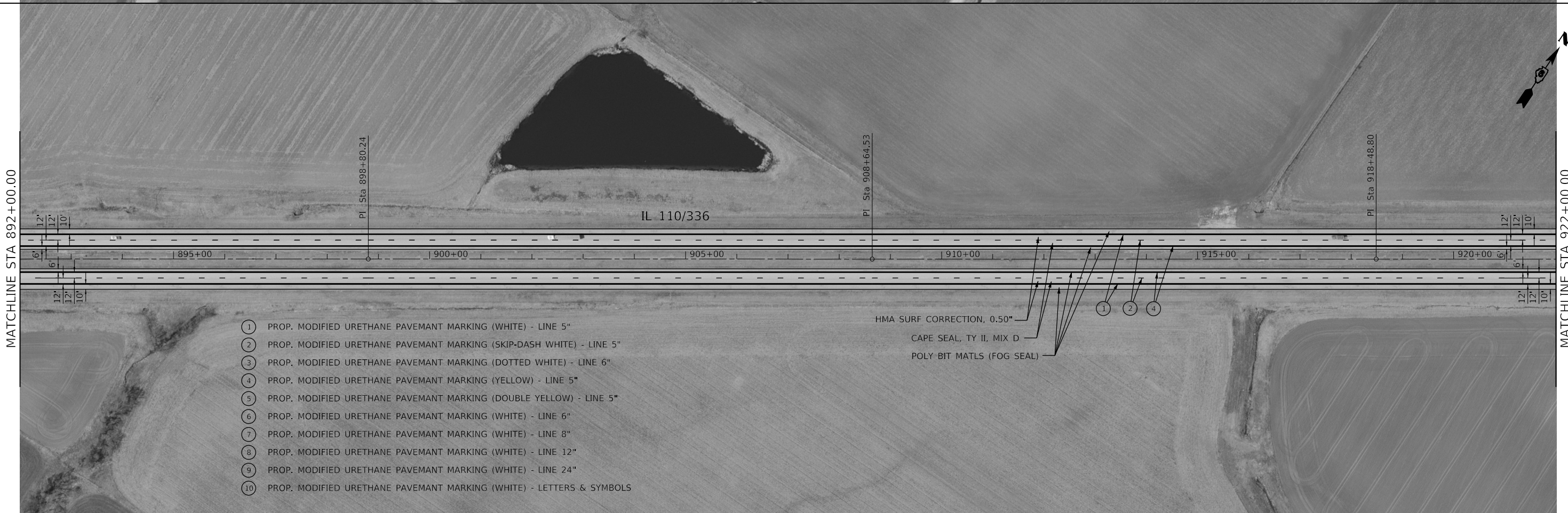
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SCHEDULE OF QUANTITIES</b>			
SCALE: NTS	SHEET 1	OF 2 SHEETS	STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2) Q	HANCOCK	18	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72L07	



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- ① PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 5"
- ② PROP. MODIFIED URETHANE PAVEMENT MARKING (SKIP-DASH WHITE) - LINE 5"
- ③ PROP. MODIFIED URETHANE PAVEMENT MARKING (DOTTED WHITE) - LINE 6"
- ④ PROP. MODIFIED URETHANE PAVEMENT MARKING (YELLOW) - LINE 5"
- ⑤ PROP. MODIFIED URETHANE PAVEMENT MARKING (DOUBLE YELLOW) - LINE 5"
- ⑥ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 6"
- ⑦ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 8"
- ⑧ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 12"
- ⑨ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 24"
- ⑩ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LETTERS & SYMBOLS

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PLOT DATE = 2/1/2019	DATE - _____	REVISIONS - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 1" = 100'    SHEET 1 OF 6 SHEETS    STA. 868+68.00 TO STA. 922+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2) Q	HANCOCK	18	7
CONTRACT NO. 72L07			ILLINOIS FED. AID PROJECT	





- ① PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 5"
- ② PROP. MODIFIED URETHANE PAVEMENT MARKING (SKIP-DASH WHITE) - LINE 5"
- ③ PROP. MODIFIED URETHANE PAVEMENT MARKING (DOTTED WHITE) - LINE 6"
- ④ PROP. MODIFIED URETHANE PAVEMENT MARKING (YELLOW) - LINE 5"
- ⑤ PROP. MODIFIED URETHANE PAVEMENT MARKING (DOUBLE YELLOW) - LINE 5"
- ⑥ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 6"
- ⑦ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 8"
- ⑧ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 12"
- ⑨ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 24"
- ⑩ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LETTERS & SYMBOLS

EXIST. CURVE 1045  
 PI STA. = 988+33.44  
 $\Delta = 56^\circ 50' 53''$  (LT)  
 $D = 1^\circ 29' 58''$   
 $R = 3,821.25'$   
 $T = 2,068.21'$   
 $L = 3,791.39'$   
 $E = 523.80'$   
 $e = \quad$   
 $T.R. = \quad$   
 $S.E. RUN = \quad$   
 $P.C. STA. = 967+65.23$   
 $P.T. STA. = 1005+56.62$

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PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 1" = 100' SHEET 2 OF 6 SHEETS STA. 922+00.00 TO STA. 982+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2) Q	HANCOCK	18	8
CONTRACT NO. 72L07			ILLINOIS FED. AID PROJECT	

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EXIST. CURVE 1045  
 PI STA. = 988+33.44  
 $\Delta = 56^\circ 50' 53''$  (LT)  
 $D = 1^\circ 29' 58''$   
 $R = 3,821.25'$   
 $T = 2,068.21'$   
 $L = 3,791.39'$   
 $E = 523.80'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 967+65.23$   
 $P.T. STA. = 1005+56.62$



- 1 PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 5"
- 2 PROP. MODIFIED URETHANE PAVEMENT MARKING (SKIP-DASH WHITE) - LINE 5"
- 3 PROP. MODIFIED URETHANE PAVEMENT MARKING (DOTTED WHITE) - LINE 6"
- 4 PROP. MODIFIED URETHANE PAVEMENT MARKING (YELLOW) - LINE 5"
- 5 PROP. MODIFIED URETHANE PAVEMENT MARKING (DOUBLE YELLOW) - LINE 5"
- 6 PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 6"
- 7 PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 8"
- 8 PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 12"
- 9 PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 24"
- 10 PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LETTERS & SYMBOLS

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PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**

SCALE: 1"=100'    SHEET 3 OF 6 SHEETS    STA. 982+00.00 TO STA. 1042+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2) Q	HANCOCK	18	9
CONTRACT NO. 72L07				
ILLINOIS FED. AID PROJECT				







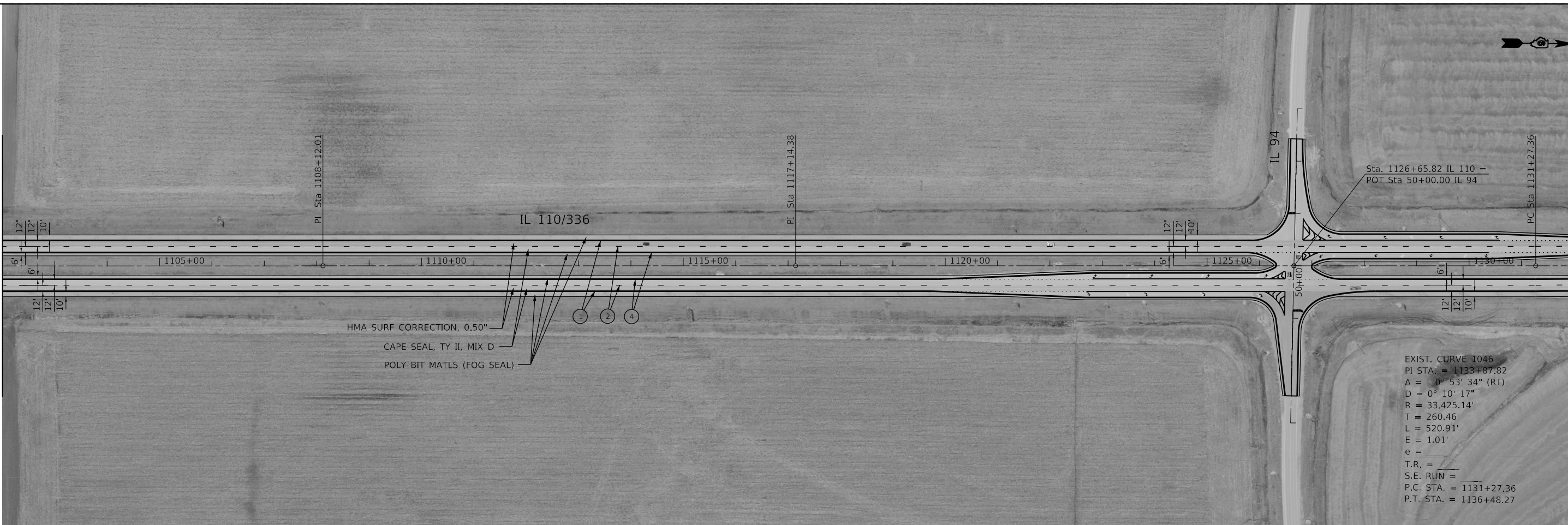
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MATCHLINE STA 1102+00.00

MATCHLINE STA 1132+00.00

MATCHLINE STA 1132+00.00

MATCHLINE STA 1162+00.00



USER NAME = minderb	DESIGNED - _____	REVISED - _____
DRAWN - _____	REVISOR - _____	REVISOR - _____
PLOT SCALE = 200,0000' / in.	CHECKED - _____	REVISOR - _____
PLOT DATE = 2/1/2019	DATE - _____	REVISOR - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET**  
 SCALE: 1" = 100' SHEET 5 OF 6 SHEETS STA. 1102+00.00 TO STA. 1162+00.00

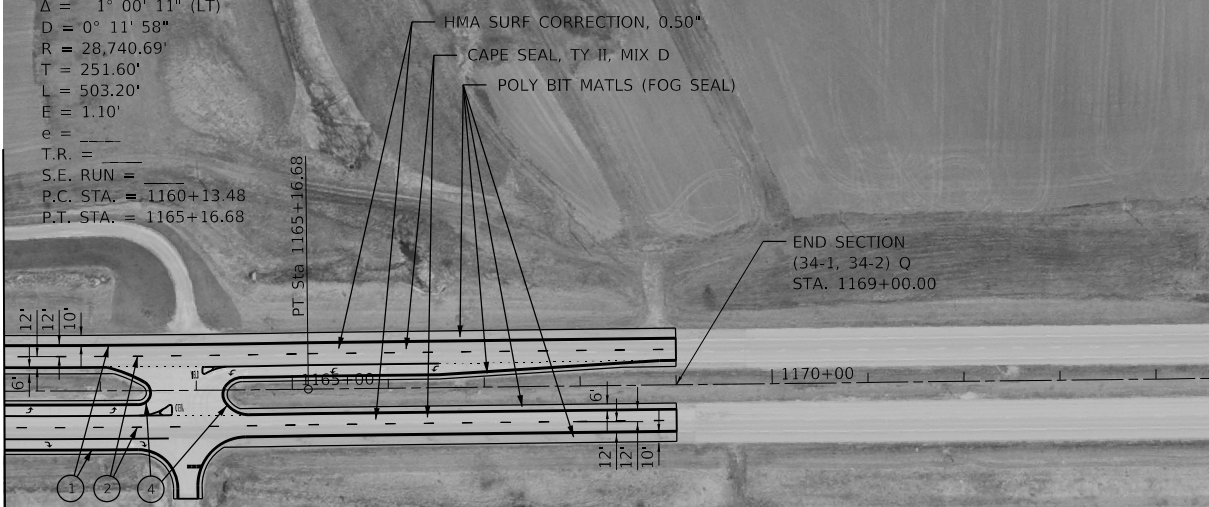
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302	(34-1, 34-2) Q	HANCOCK	18	11
CONTRACT NO. 72L07				
ILLINOIS FED. AID PROJECT				



EXIST. CURVE 1047  
 PI STA. = 1162+65.09  
 $\Delta = 1^{\circ} 00' 11''$  (LT)  
 $D = 0^{\circ} 11' 58''$   
 $R = 28,740.69'$   
 $T = 251.60'$   
 $L = 503.20'$   
 $E = 1.10'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 1160+13.48$   
 $P.T. STA. = 1165+16.68$



MATCHLINE STA 1162+00.00



- ① PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 5"
- ② PROP. MODIFIED URETHANE PAVEMENT MARKING (SKIP-DASH WHITE) - LINE 5"
- ③ PROP. MODIFIED URETHANE PAVEMENT MARKING (DOTTED WHITE) - LINE 6"
- ④ PROP. MODIFIED URETHANE PAVEMENT MARKING (YELLOW) - LINE 5"
- ⑤ PROP. MODIFIED URETHANE PAVEMENT MARKING (DOUBLE YELLOW) - LINE 5"
- ⑥ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 6"
- ⑦ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 8"
- ⑧ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 12"
- ⑨ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 24"
- ⑩ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LETTERS & SYMBOLS

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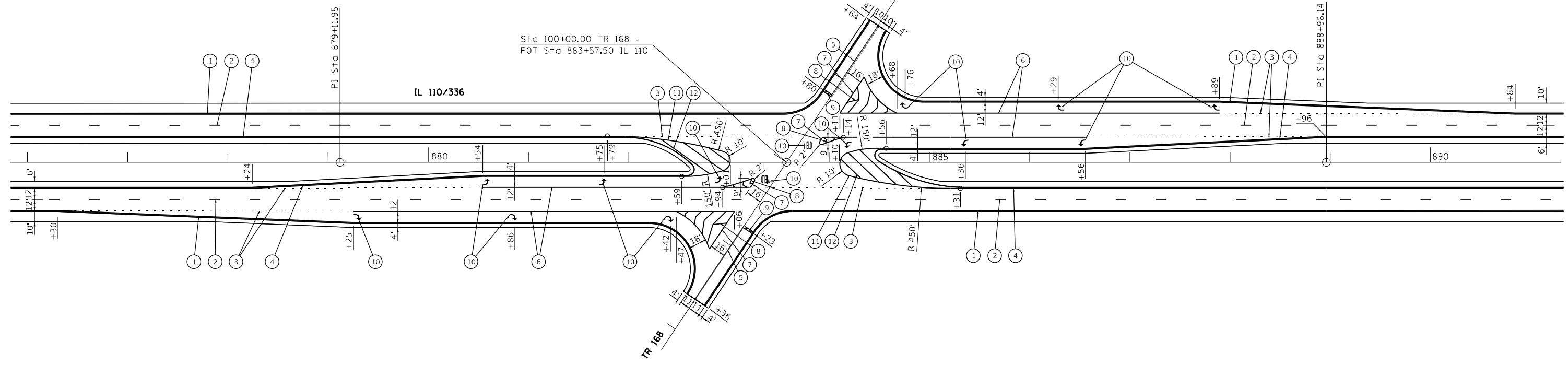
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

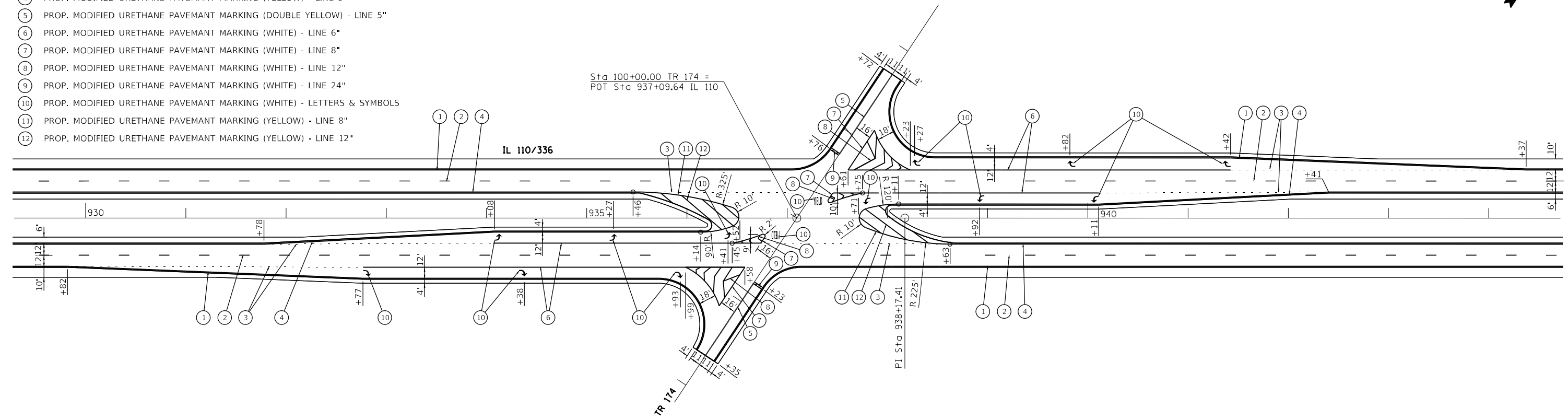
**PLAN SHEET**

SCALE: 1" = 100'    SHEET 6 OF 6 SHEETS    STA. 1162+00.00 TO STA. 1169+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2) Q	HANCOCK	18	12
CONTRACT NO. 72L07			ILLINOIS FED. AID PROJECT	



- ① PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 5"
- ② PROP. MODIFIED URETHANE PAVEMENT MARKING (SKIP-DASH WHITE) - LINE 5"
- ③ PROP. MODIFIED URETHANE PAVEMENT MARKING (DOTTED WHITE) - LINE 6"
- ④ PROP. MODIFIED URETHANE PAVEMENT MARKING (YELLOW) - LINE 5"
- ⑤ PROP. MODIFIED URETHANE PAVEMENT MARKING (DOUBLE YELLOW) - LINE 5"
- ⑥ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 6"
- ⑦ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 8"
- ⑧ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 12"
- ⑨ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 24"
- ⑩ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LETTERS & SYMBOLS
- ⑪ PROP. MODIFIED URETHANE PAVEMENT MARKING (YELLOW) - LINE 8"
- ⑫ PROP. MODIFIED URETHANE PAVEMENT MARKING (YELLOW) - LINE 12"



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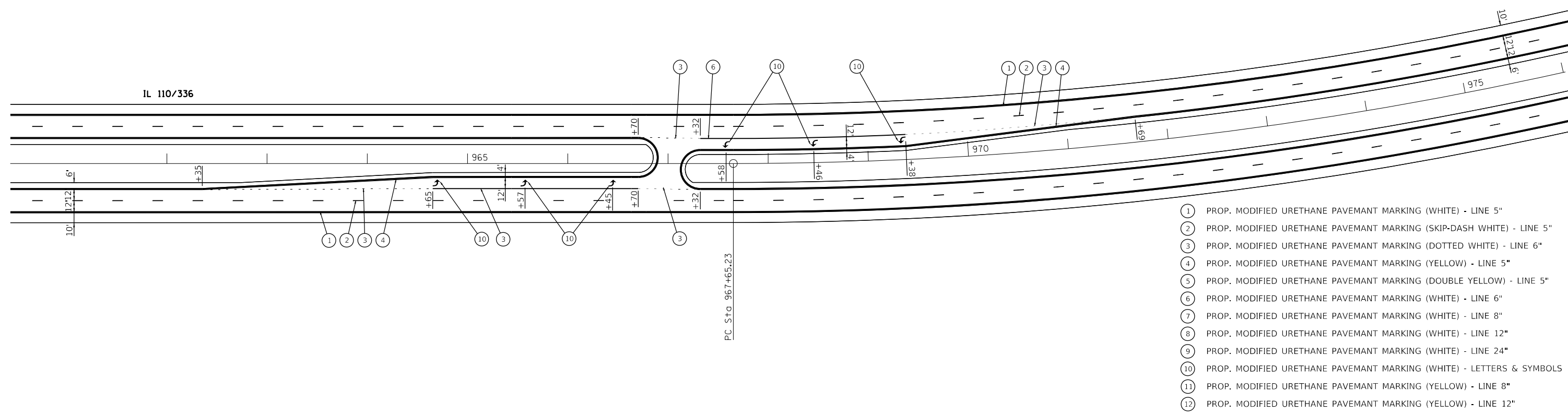
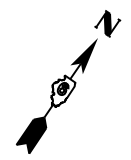
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

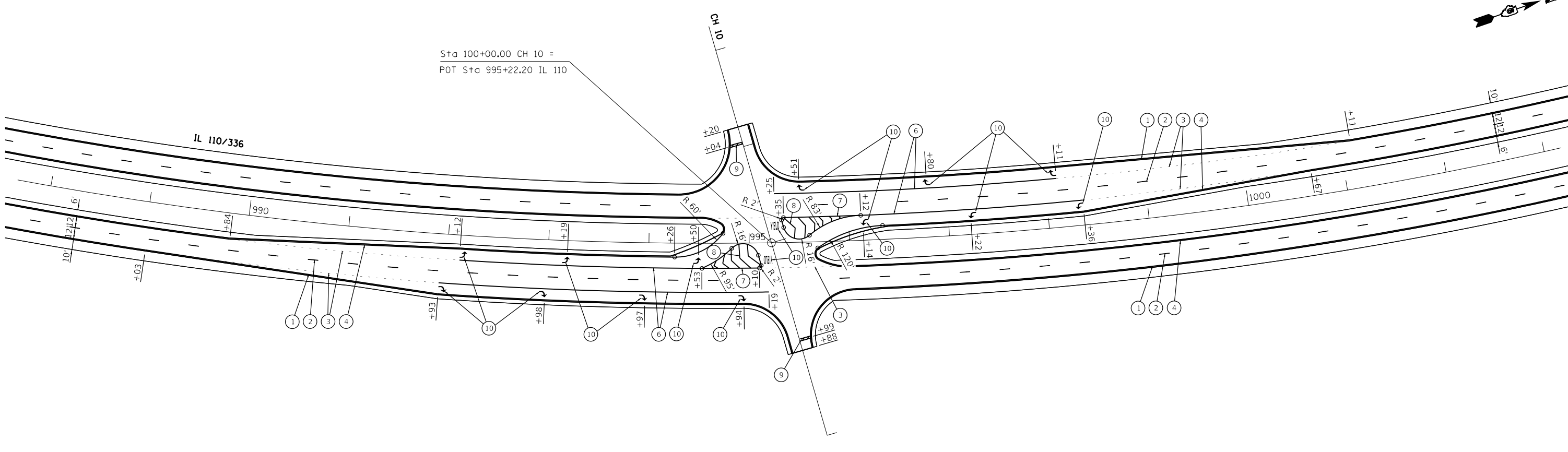
**INTERSECTION DETAILS**

SCALE: 1" = 50'    SHEET 1 OF 5 SHEETS    STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2) Q	HANCOCK	18	13
CONTRACT NO. 72L07				
ILLINOIS FED. AID PROJECT				



- ① PROP. MODIFIED URETHANE PAVEMANT MARKING (WHITE) - LINE 5"
- ② PROP. MODIFIED URETHANE PAVEMANT MARKING (SKIP-DASH WHITE) - LINE 5"
- ③ PROP. MODIFIED URETHANE PAVEMANT MARKING (DOTTED WHITE) - LINE 6"
- ④ PROP. MODIFIED URETHANE PAVEMANT MARKING (YELLOW) - LINE 5"
- ⑤ PROP. MODIFIED URETHANE PAVEMANT MARKING (DOUBLE YELLOW) - LINE 5"
- ⑥ PROP. MODIFIED URETHANE PAVEMANT MARKING (WHITE) - LINE 6"
- ⑦ PROP. MODIFIED URETHANE PAVEMANT MARKING (WHITE) - LINE 8"
- ⑧ PROP. MODIFIED URETHANE PAVEMANT MARKING (WHITE) - LINE 12"
- ⑨ PROP. MODIFIED URETHANE PAVEMANT MARKING (WHITE) - LINE 24"
- ⑩ PROP. MODIFIED URETHANE PAVEMANT MARKING (WHITE) - LETTERS & SYMBOLS
- ⑪ PROP. MODIFIED URETHANE PAVEMANT MARKING (YELLOW) - LINE 8"
- ⑫ PROP. MODIFIED URETHANE PAVEMANT MARKING (YELLOW) - LINE 12"



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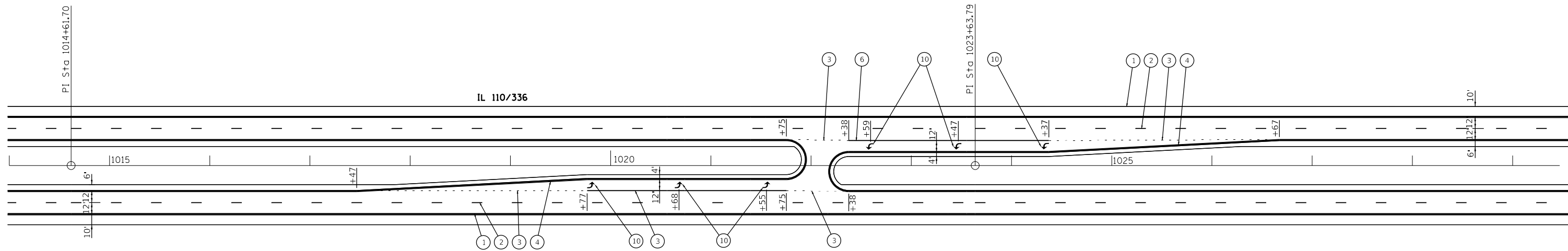
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS**

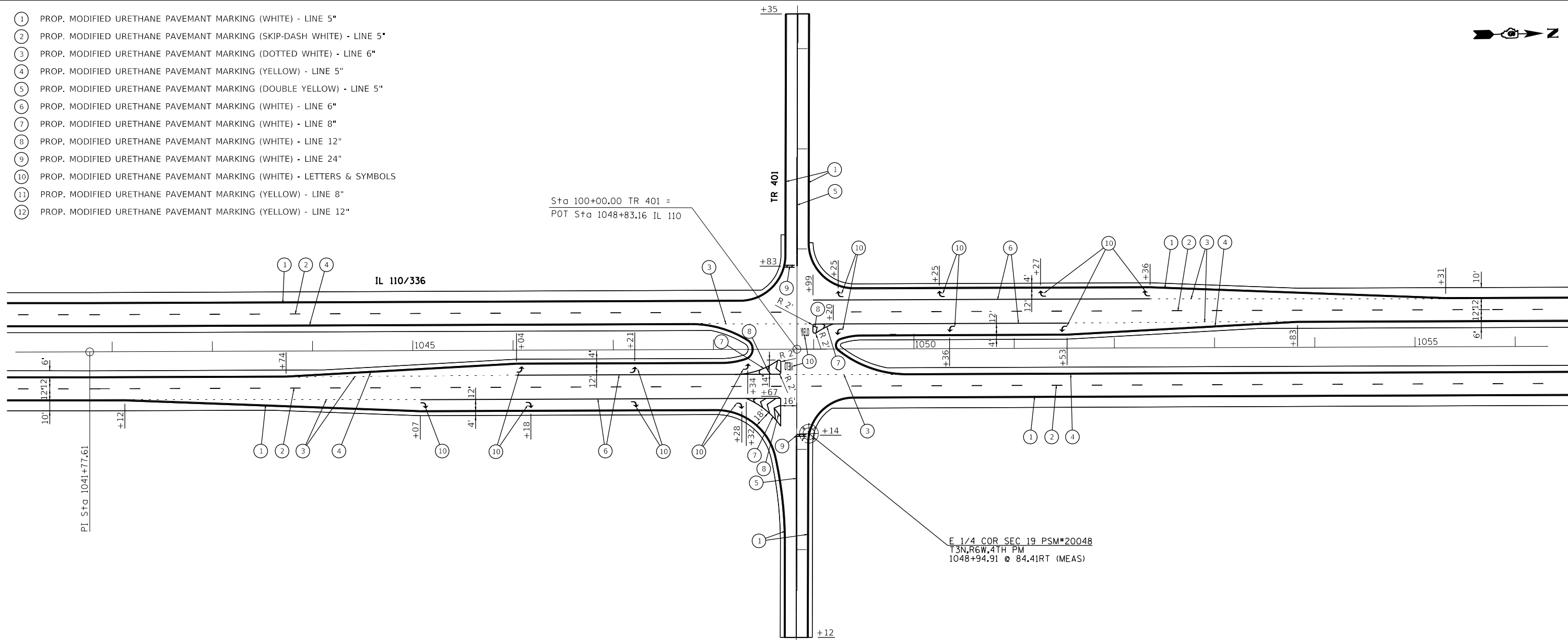
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2) Q	HANCOCK	18	14
			CONTRACT NO. 72L07	
		ILLINOIS	FED. AID PROJECT	





- ① PROP. MODIFIED URETHANE PAVEMANT MARKING (WHITE) - LINE 5"
- ② PROP. MODIFIED URETHANE PAVEMANT MARKING (SKIP-DASH WHITE) - LINE 5"
- ③ PROP. MODIFIED URETHANE PAVEMANT MARKING (DOTTED WHITE) - LINE 6"
- ④ PROP. MODIFIED URETHANE PAVEMANT MARKING (YELLOW) - LINE 5"
- ⑤ PROP. MODIFIED URETHANE PAVEMANT MARKING (DOUBLE YELLOW) - LINE 5"
- ⑥ PROP. MODIFIED URETHANE PAVEMANT MARKING (WHITE) - LINE 6"
- ⑦ PROP. MODIFIED URETHANE PAVEMANT MARKING (WHITE) - LINE 8"
- ⑧ PROP. MODIFIED URETHANE PAVEMANT MARKING (WHITE) - LINE 12"
- ⑨ PROP. MODIFIED URETHANE PAVEMANT MARKING (WHITE) - LINE 24"
- ⑩ PROP. MODIFIED URETHANE PAVEMANT MARKING (WHITE) - LETTERS & SYMBOLS
- ⑪ PROP. MODIFIED URETHANE PAVEMANT MARKING (YELLOW) - LINE 8"
- ⑫ PROP. MODIFIED URETHANE PAVEMANT MARKING (YELLOW) - LINE 12"



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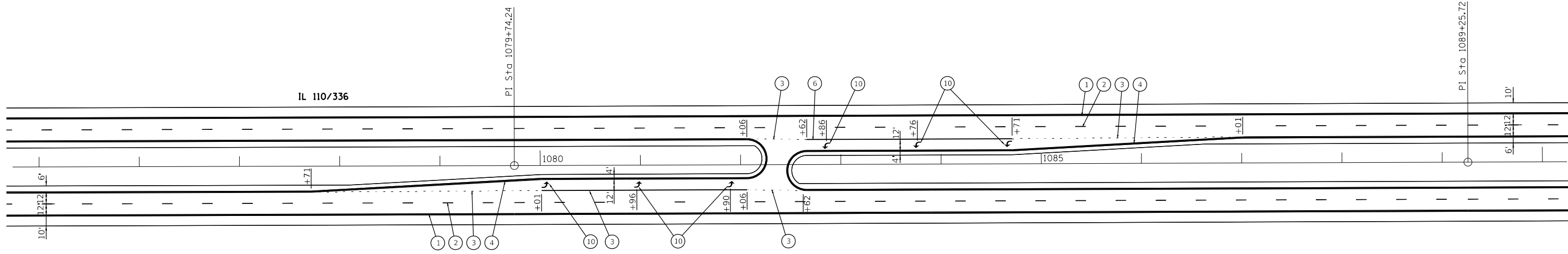
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

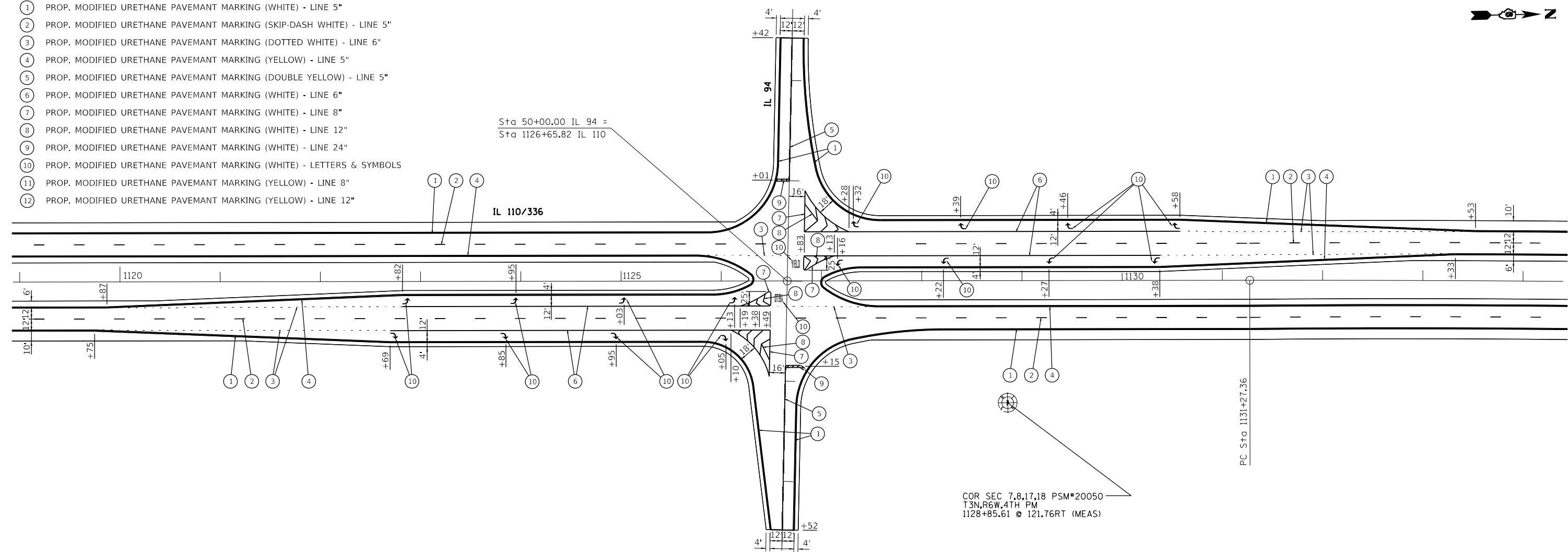
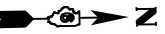
**INTERSECTION DETAILS**

SCALE: 1" = 50'    SHEET 3 OF 5 SHEETS    STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2) Q	HANCOCK	18	15
CONTRACT NO. 72L07				
		ILLINOIS	FED. AID PROJECT	



- ① PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 5"
- ② PROP. MODIFIED URETHANE PAVEMENT MARKING (SKIP-DASH WHITE) - LINE 5"
- ③ PROP. MODIFIED URETHANE PAVEMENT MARKING (DOTTED WHITE) - LINE 6"
- ④ PROP. MODIFIED URETHANE PAVEMENT MARKING (YELLOW) - LINE 5"
- ⑤ PROP. MODIFIED URETHANE PAVEMENT MARKING (DOUBLE YELLOW) - LINE 5"
- ⑥ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 6"
- ⑦ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 8"
- ⑧ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 12"
- ⑨ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 24"
- ⑩ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LETTERS & SYMBOLS
- ⑪ PROP. MODIFIED URETHANE PAVEMENT MARKING (YELLOW) - LINE 8"
- ⑫ PROP. MODIFIED URETHANE PAVEMENT MARKING (YELLOW) - LINE 12"



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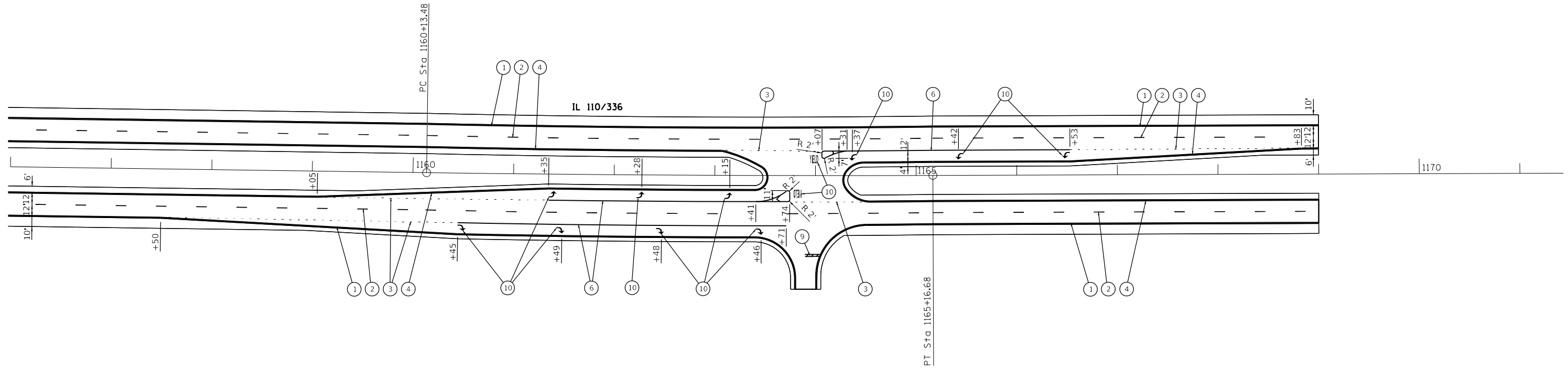
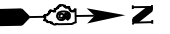
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PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS**

SCALE: 1" = 50'    SHEET 4 OF 5 SHEETS    STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2) Q	HANCOCK	18	16
CONTRACT NO. 72L07				
ILLINOIS FED. AID PROJECT				



- ① PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 5"
- ② PROP. MODIFIED URETHANE PAVEMENT MARKING (SKIP-DASH WHITE) - LINE 5"
- ③ PROP. MODIFIED URETHANE PAVEMENT MARKING (DOTTED WHITE) - LINE 6"
- ④ PROP. MODIFIED URETHANE PAVEMENT MARKING (YELLOW) - LINE 5"
- ⑤ PROP. MODIFIED URETHANE PAVEMENT MARKING (DOUBLE YELLOW) - LINE 5"
- ⑥ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 6"
- ⑦ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 8"
- ⑧ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 12"
- ⑨ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LINE 24"
- ⑩ PROP. MODIFIED URETHANE PAVEMENT MARKING (WHITE) - LETTERS & SYMBOLS
- ⑪ PROP. MODIFIED URETHANE PAVEMENT MARKING (YELLOW) - LINE 8"
- ⑫ PROP. MODIFIED URETHANE PAVEMENT MARKING (YELLOW) - LINE 12"

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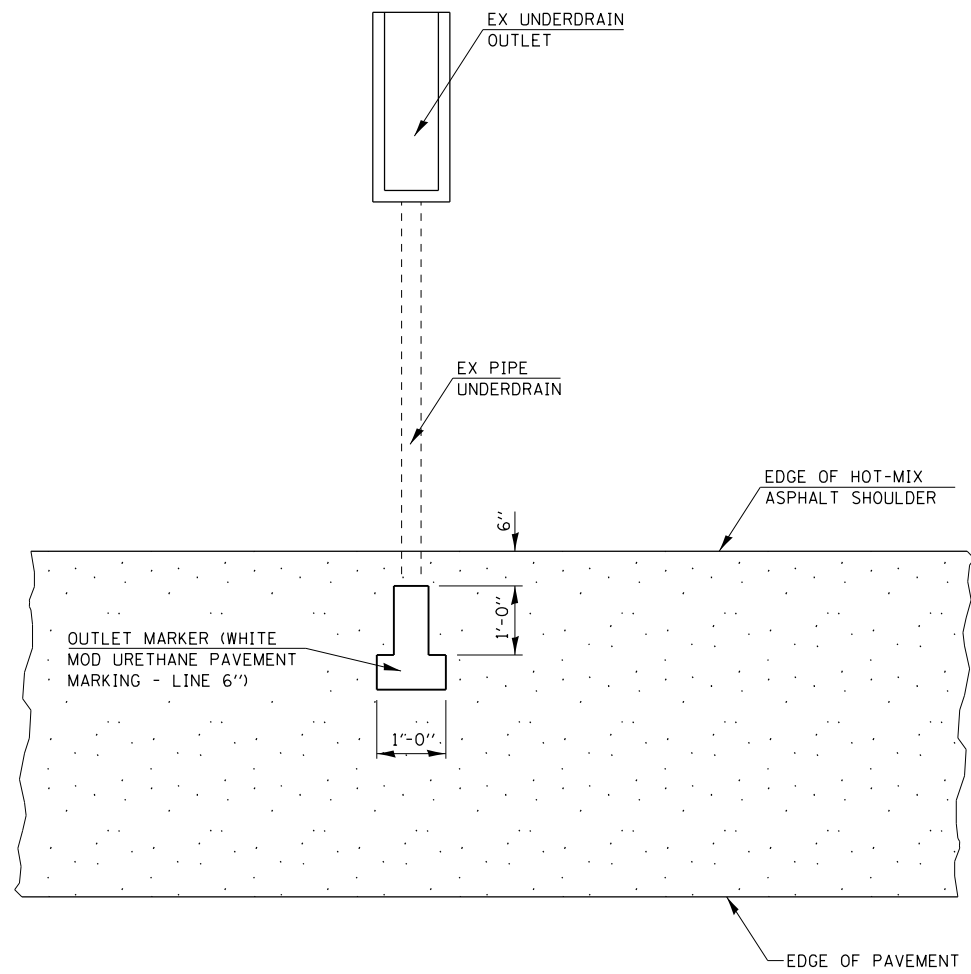
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PLOT DATE = 2/1/2019	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS**

SCALE: 1" = 50'    SHEET 5 OF 5 SHEETS    STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2) Q	HANCOCK	18	17
CONTRACT NO. 72L07				
ILLINOIS FED. AID PROJECT				



PLAN FOR UNDERDRAIN OUTLET MARKER

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PLOT DATE = 2/1/2019	DATE - _____	REVISED - _____

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

**GENERAL DETAILS**

SCALE: NTS      SHEET 1 OF 1 SHEETS      STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
302	(34-1, 34-2) Q	HANCOCK	18	18
CONTRACT NO. 72L07			ILLINOIS FED. AID PROJECT	