

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

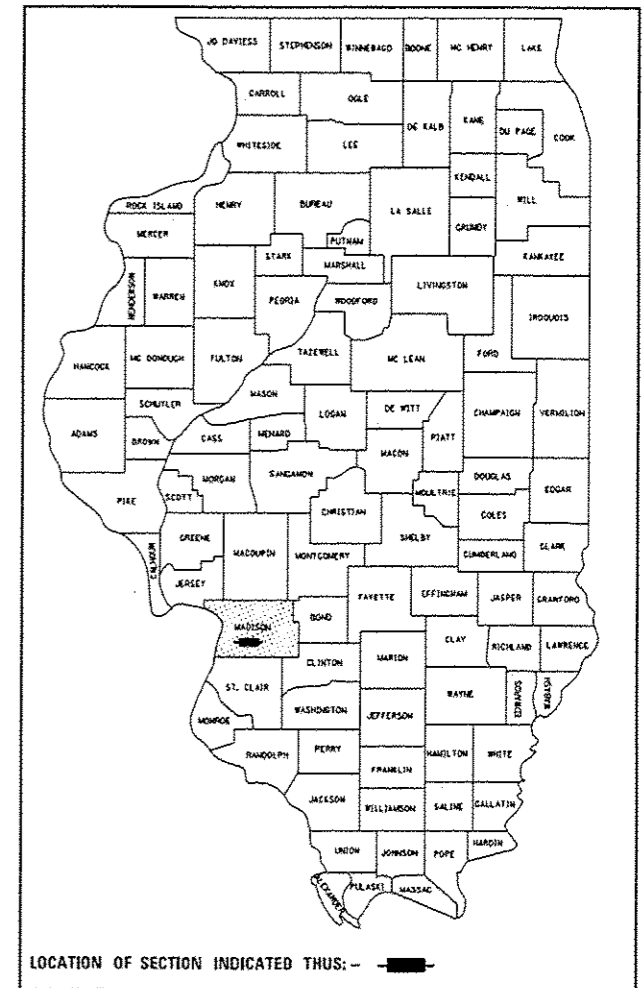
FAI ROUTE 270 /FAI ROUTE 70(I-270-I-70)  
SECTION DIST 8 ITS 2015-1  
PROJECT  
MADISON COUNTY

ITS COMMUNICATION, DETECTION AND SURVEILLANCE  
DEVICES FROM I-270 STA. 758 + 00(MP12.6), THEN  
EAST TO I-70 STA.1036 + 00(MP16.8)

C-98-022-14

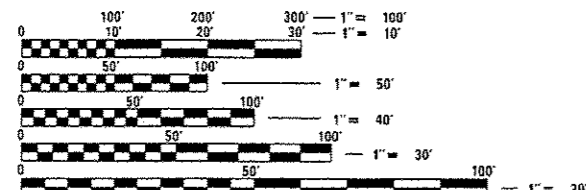
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	1
FED. ROAD DIST. NO.		ILLINOIS	CONTRACT NO. 76G96	

D-98-022-14



- INDEX OF SHEETS
- COVER SHEET
  - GENERAL NOTES AND LEGEND
  - SUMMARY OF QUANTITIES
  - ITS KEY MAP
  - TRAFFIC DATA SCHEDULE, LANE RESTRICTIONS SCHEDULE AND TRAFFIC CONTROL AND PROTECTION SCHEDULE
  - CCTV AND RADAR VEHICLE DETECTION MOUNTING DETAIL
  - POLE MOUNTED CCTV DETAIL WITH CAMERA LOWERING DEVICE
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  - FIBER NETWORK DETAIL
  - FIBER TERM-SPL SUMMARY & OPTICAL EQUIPMENT SCHEDULE

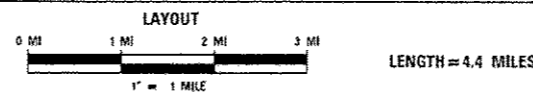
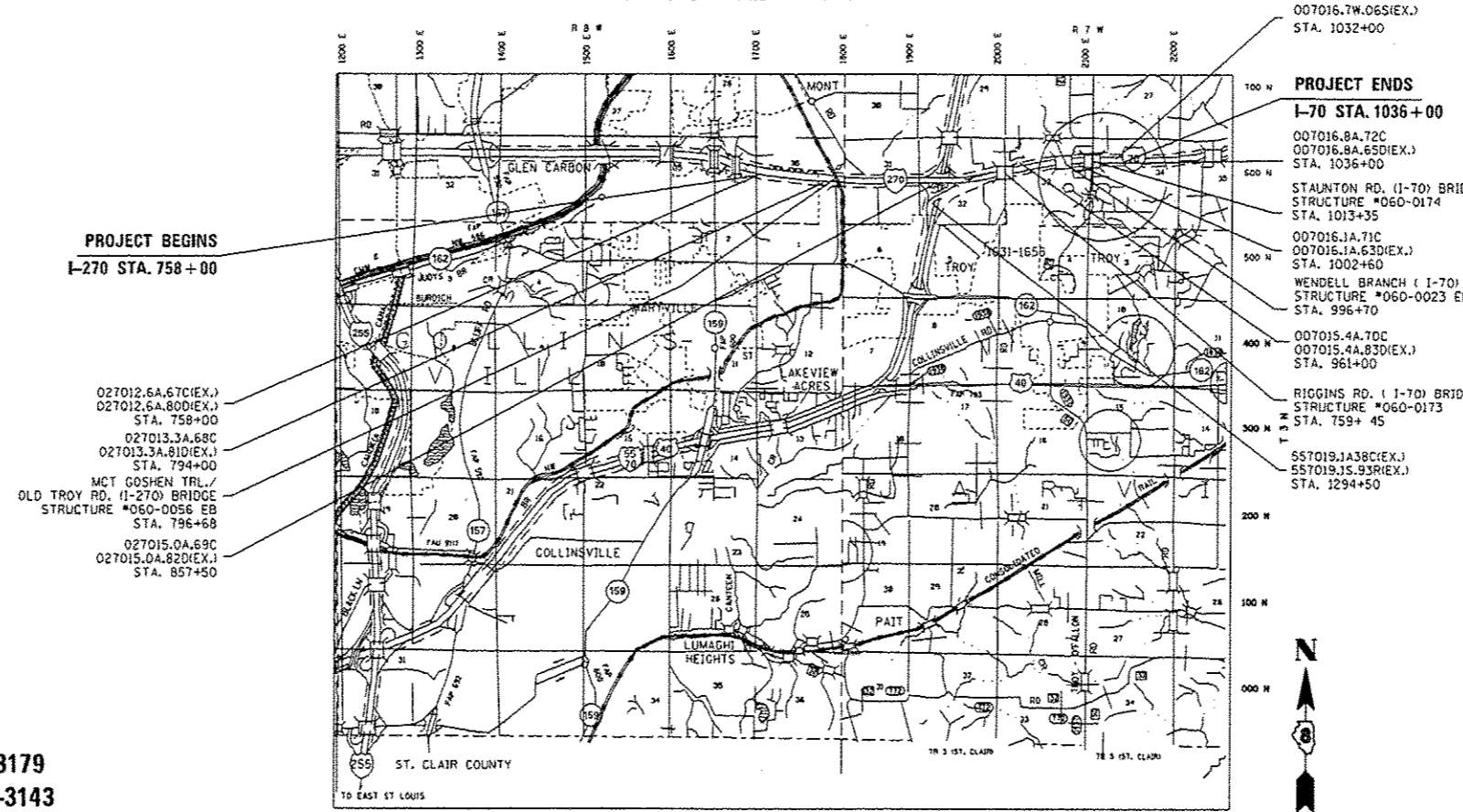
STANDARDS		
280001-07	701101-04	701106-02
701400-08	701401-09	701411-09
701428	701456-03	701501-06
701901-04	814001-03	814006-02
878001-10		



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

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

PROJECT ENGINEER: PATTI LeBEAU (618)-346-3179  
SQUAD LEADER: MICHAEL PRESTON (618) 346-3143  
LIAISON ENGINEER: LINDA LEONARD (618) 346-3285  
CONTRACT NO. 76G96



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED *March 25 2015*

*Jeffrey T. Ken*  
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

*May 8 2015*  
*D. D. Baranzello, P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT

*May 8 2015*  
*Chris Conner, P.E.*  
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

**LEGEND**

EP	EDGE OF PAVEMENT
FO	FIBER OPTIC CABLE IN CONDUIT
JPP	INLET AND PIPE PROTECTION
PVC	POLYVINYL CHLORIDE CONDUIT
MTR	METRO
	EXISTING RADAR VEHICLE DETECTOR
	EXISTING RADAR VEHICLE DETECTOR
	EXISTING JUNCTION BOX
	EXISTING DOUBLE HANDHOLE (EXDHH**)
	EXISTING CONTROLLER
	EXISTING CONDUIT
	EXISTING SERVICE INSTALLATION
	PROPOSED HANDHOLE (HH**)
	PROPOSED DOUBLE HANDHOLE (DHH**)
	PROPOSED SERVICE INSTALLATION
	PROPOSED CONDUIT (SEE GEN. NOTE REGARDING MULTI-DUCT CONDUIT)
	PROPOSED JUNCTION BOX, SIZE SPECIFIED (JB**)
	PROPOSED CCTV
	PROPOSED RADAR VEHICLE DETECTOR
	TEMPORARY EROSION CONTROL SEEDING
	INLET AND PIPE PROTECTION (IPP)
- x - x - x -	EXISTING ACCESS CONTROL FENCE
---	EXISTING ROW
---	EXISTING UNDERGROUND LIGHTING CABLES

**GENERAL NOTES**

- ALL MATERIALS SHALL CONFORM TO SECTION 106 OF THE STANDARD SPECIFICATIONS FOR CONTROL OF MATERIALS.
- THE JUNCTION BOXES SHALL BE UNPAINTED ALUMINUM SHEET METAL UNLESS OTHERWISE SPECIFIED ON THE PLANS.
- UNDERGROUND CABLE MARKING TAPE SHALL BE INSTALLED WITH ALL TRENCHED CONDUIT IN ACCORDANCE WITH ARTICLES 810.04 AND 1066.05 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT DRILL ANY HOLES IN THE BEAMS, DECK, OR SUBSTRUCTURE OF THE BRIDGE, UNLESS APPROVED BY THE ENGINEER.
- ALL GROUND RODS SUPPLIED FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH ARTICLE 1087.01. ALL CONNECTIONS TO GROUND RODS SHALL BE MADE VIA EXOTHERMIC WELD. COMPRESSION CLAMPS WILL NOT BE ALLOWED.
- COORDINATION WITH THE DEPARTMENT'S BUREAU OF OPERATIONS IS REQUIRED BEFORE ANY TRENCHING SHALL BE DONE TO LOCATE HIGHWAY LIGHTING/PUMP STATION/ITS FACILITIES AND TO COORDINATE OTHER FIELD ACTIVITIES.
- BENDING RADIUS OF FIBER OPTIC CABLE SHALL NOT BE LESS THAN SIX (6) INCHES.
- ALL HANDHOLES SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE PER SECTION 814 OF THE STANDARD SPECIFICATIONS. THE LEGEND ON THE COVER SHALL BE "ITS". SLOPE HANDHOLE TO MATCH FINAL GRADE ELEVATION.
- ALL UTILITIES AND DRAINAGE STRUCTURES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY ATTEMPT TO CONSTRUCT ANY COMPONENT OF THE VARIOUS ITS EQUIPMENT SYSTEMS. THE COST FOR LOCATING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR UNDERGROUND CONDUIT OF THE TYPE AND SIZE SPECIFIED.
- ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO UTILITIES WITHIN THE PROJECT AREA BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
  - AMEREN ILLINOIS (GAS & ELECTRIC)
  - AT&T ILLINOIS (COMMUNICATIONS)
  - BOND MADISON WATER COMPANY (WATER)
  - BUCKEYE PARTNERS L.P.--WOOD RIVER PIPELINE (PIPELINE)
  - CHARTER COMMUNICATIONS, INC. (CABLE TV)
  - VILLAGE OF GLEN CARBON (WATER & SANITARY SEWER)
  - ILLINOIS AMERICAN WATER COMPANY (WATER)
  - LEVEL (3) COMMUNICATIONS, LLC (COMMUNICATIONS)
  - SOUTHWESTERN ELECTRIC COOPERATIVE, INC. (ELECTRIC)
  - CITY OF TROY (WATER & SANITARY SEWER)

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800)-892-0123 AND 811 AND ARE INDICATED BY \*. NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

IDOT IS NOT A J.U.L.I.E. MEMBER. LOCATE IDOT FACILITIES PER "SECTION 803. LOCATING UNDERGROUND CABLE" OF THE STANDARD SPECIFICATION.
- ALL FIBER BACKBONE CONDUIT SHALL BE PLACED A MINIMUM OF 5' FROM EDGE OF PAVEMENT. FINAL LOCATION SHALL BE APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE REQUIRED TO PERFORM FIELD MEASUREMENTS TO VERIFY DIMENSIONS AND MATERIAL TYPE OF EXISTING STRUCTURES PRIOR TO ORDERING MOUNTING HARDWARE. CONDUIT ATTACHED TO STRUCTURE SHALL BE INSTALLED PER THE APPLICABLE PORTIONS OF SECTION 811 REGARDING SUPPORTS, SUSPENSION, FASTENERS AND HARDWARE.
- FIBER OPTIC CABLE PULL TENSION WILL BE LIMITED BY PROVIDING JUNCTION BOXES OR HANDHOLES AT INTERVALS NO GREATER THAN 750 FEET.

- A 1/4" DIA. NYLON ROPE SHALL BE INSTALLED IN ALL CONDUIT RUNS. THE COST OF PULL ROPE SHALL BE INCLUDED IN THE PROPOSED ELECTRIC CABLE INSTALLATION AND OR FIBER OPTIC CABLE IN THAT CONDUIT.
  - THE CONTRACTOR SHALL PAY ATTENTION TO SECTION 107 "LEGAL REGULATIONS AND RESPONSIBILITY TO PUBLIC" OF THE STANDARD SPECIFICATIONS. IN PARTICULAR ARTICLE 107.01 "LAWS TO BE OBSERVED" AND ARTICLE 107.04 "PERMITS AND LICENSES".
  - THE COST TO REMOVE AND REPLACE ANY EXISTING RIP RAP ENCOUNTERED DURING TRENCHING OPERATIONS SHALL BE INCLUDED IN THE UNIT PRICE OF THE ASSOCIATED "UNDERGROUND CONDUIT, (SIZE & TYPE, AS SPECIFIED)".
  - INLET AND PIPE PROTECTION (IPP) SHALL BE PLACED IN "ACTIVE" WORKZONES ONLY. AN "ACTIVE" WORKZONE IS DEFINED AS AN AREA WHERE THE CONTRACTOR IS CURRENTLY INSTALLING MULTI-DUCT CONDUIT. INLET AND PIPE PROTECTION PLACEMENT IN AN "INACTIVE" WORKZONE SHALL BE WITH THE ENGINEER'S PERMISSION.
  - IN ADDITION TO BACKFILLING AND MECHANICALLY COMPACTING CONDUIT TRENCHES PER ARTICLE 810.04(A) OF THE STANDARD SPECIFICATIONS, SUITABLE AND SUFFICIENT BACKFILL MATERIAL SHALL BE ADDED ABOVE THE TRENCH TO TAKE CARE OF ANTICIPATED FINAL GRADE SETTLEMENT, AS DIRECTED BY THE ENGINEER.
  - CLEAR VEGETATION PER ARTICLES 201.01(A), 201.03, 201.08, 201.09 AND 201.10(A) OF THE STANDARD SPECIFICATIONS.
  - THE ENGINEER MAY PERMIT ACCESS CONTROL FENCING REMOVAL AND IMMEDIATE REPLACEMENT TO FACILITATE CONDUIT INSTALLATION. THE PRICE OF ACCESS CONTROL FENCING REMOVAL AND REPLACEMENT SHALL BE INCLUDED IN THE UNIT COST OF ASSOCIATED CONDUIT INSTALLATION WITH NO ADDITIONAL COMPENSATION ALLOWED.
- THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING EROSION, AND REPAIRING SLOPEWALL AND UNDERDRAIN DAMAGE. CONDUITS AND HANDHOLES MAY BE LOCATED CLOSER TO THE ROW TO ADDRESS THESE CONCERNS WITH THE EXPRESSED PERMISSION OF THE ENGINEER.
- THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN A DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, (E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLAT WORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION), TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT 8 EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 616-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
  - THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING, TOPOGRAPHY AND QUANTITIES SHOWN IN THE PLANS WERE CREATED USING MICROFILM AND FIELD MEASUREMENTS. ALL SHALL BE ASSUMED TO BE APPROXIMATE. THE CONTRACTOR SHALL VERIFY DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

FILE NAME =	USER NAME = pstanoma	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, LEGEND AND COMMITMENTS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
as\p\work\p\idat\pstanoma\0376693\d	7696-ehs-ITS.dgn	DRAWN -	REVISED -			270/70	DIST 8 ITS 2015-1	MADISON	40	2	
	PLOT SCALE = 100.0000' / 1in	CHECKED -	REVISED -			CONTRACT NO. 76G96					
	PLOT DATE = 3/27/2015	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	MP027012.6	MP027013.3	MP027015.0	MP557019.1	MP007015.4	MP007016.1	MP007016.7	MP007016.8	F.O. COMM.	TMC
				CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER		
25000200	SEEDING, CLASS 2	ACRE	1.2									1.2	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	104									104	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	104									104	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	104									104	
25100105	MULCH, METHOD 1	ACRE	1.2									1.2	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	115									115	
28000500	INLET AND PIPE PROTECTION	EACH	15									15	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	75									75	
* 66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1									1	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	1									1	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	15									12.5	2.5
67100100	MOBILIZATION	L SUM	1									0.8	0.2
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	1									1	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1									1	

\* SPECIALTY ITEM

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	MP027012.6	MP027013.3	MP027015.0	MP557019.1	MP007015.4	MP007016.1	MP007016.7	MP007016.8	F.O. COMM.	TMC
				CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER		
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1									1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1									1	
80300100	LOCATING UNDERGROUND CABLE	FOOT	22101									22101	
81028340	UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.	FOOT	10				10						
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	38									38	
81400720	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4									4	
81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	88				88						
87101110	FIBER OPTIC CABLE ON MESSENGER, NO. 62.5/125, 6F	FOOT	475								475		
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	22408									22408	
87900100	DRILL EXISTING FOUNDATION	EACH	1				1						
87900200	DRILL EXISTING HANDHOLE	EACH	2				1					1	
89502210	MODIFY EXISTING CONTROLLER CABINET	EACH	2							1	1		

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
**SUMMARY OF QUANTITIES**

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	MP027012.6	MP027013.3	MP027015.0	MP557019.1	MP007015.4	MP007016.1	MP007016.7	MP007016.8	F.O. COMM.	TMC
				CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER	CONTROLLER		
X0322227	CLOSED CIRCUIT TELEVISION CAMERA SYSTEM	EACH	5		1	1		1	1	1			
X0325073	MODIFY EXISTING CONTROLLER CABINET TYPE B	EACH	5		1	1		1	1	1			
X0325076	WIDE AREA NETWORK	L SUM	1										1
X0325077	FIBER OPTIC UTILITY MARKER	EACH	75									75	
X0325086	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., FIBERGLASS BULLET RESISTANT, MULTI-DUCT	FOOT	120									120	
X0325460	CONTROLLER CABINET TYPE III, SPECIAL (AIR CONDITIONED)	EACH	1				1						
X0325482	REMOVE EXISTING ITS EQUIPMENT	EACH	5		1	1		1	1		1		
X0325483	SFP-GE-L SFP MODULE	EACH	12	1	2	2		2	2	2	1		
X0325484	SFP-GE-Z SFP MODULE	EACH	3				2			1			
X0326112	3750G-24PS-E LAYER 3 SWITCH	EACH	1				1						
X0326912	3000 LAYER 2 SWITCH	EACH	5		1	1		1	1	1			
X0327096	ETHERNET MODEM	EACH	2							1	1		
X7010410	SPEED DISPLAY TRAILER	CAL MO	1								1		

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>			
SCALE:	SHEET	OF	SHEETS
		STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
210/70	DIST 8 ITS 2015-1	MADISON	40	5
CONTRACT NO. 76G96			ILLINOIS FED. AID PROJECT	

ILLINOIS DEPARTMENT OF TRANSPORTATION

# SUMMARY OF QUANTITIES

TOTAL  
QUANTITIES

CODE NO	ITEM	UNIT	TOTAL QUANTITIES	MP027012.6 CONTROLLER	MP027013.3 CONTROLLER	MP027015.0 CONTROLLER	MP557019.1 CONTROLLER	MP007015.4 CONTROLLER	MP007016.1 CONTROLLER	MP007016.7 CONTROLLER	MP007016.8 CONTROLLER	F.O. COMM.	TMC
X8102839	UNDERGROUND CONDUIT, PVC, 4" DIA., MULTI-DUCT	FOOT	22398				25				22373		
X8110128	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., PVC TYPE C	FOOT	367								367		
X8710075	FIBER OPTIC CABLE IN CONDUIT, 72 COND. S.M. F.O.	FOOT	26909				88					26821	
X8780107	CONCRETE FOUNDATION (SPECIAL)	FOOT	3.5				3.5						

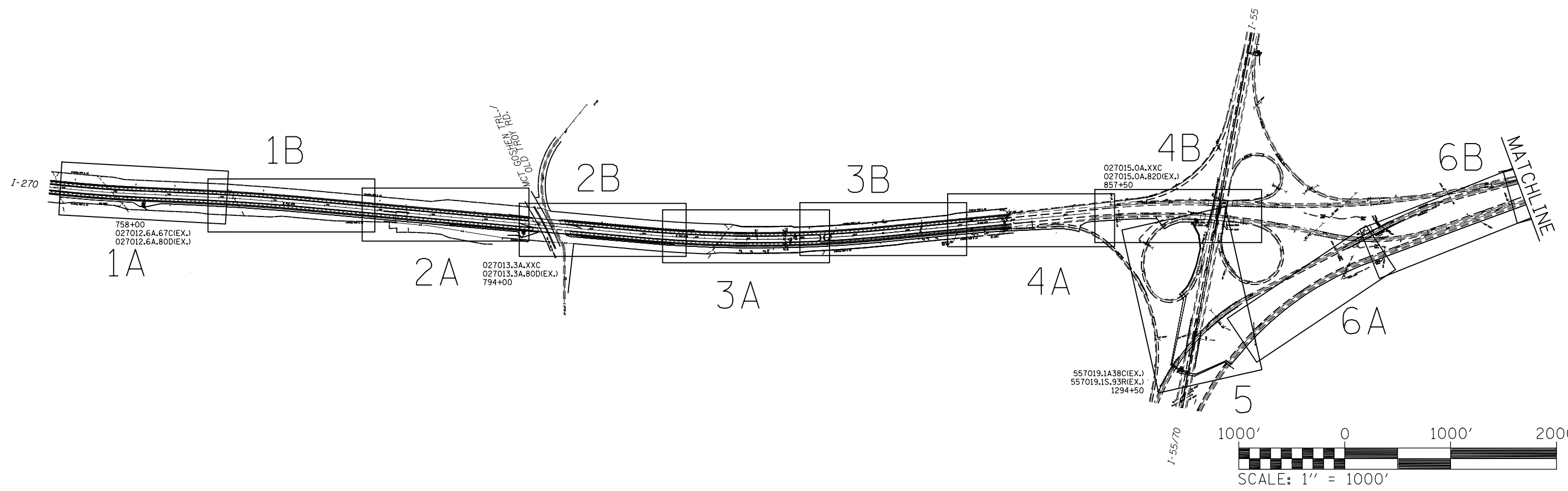
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

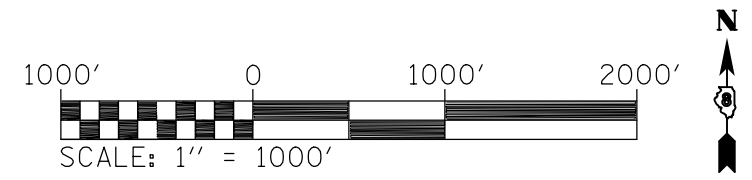
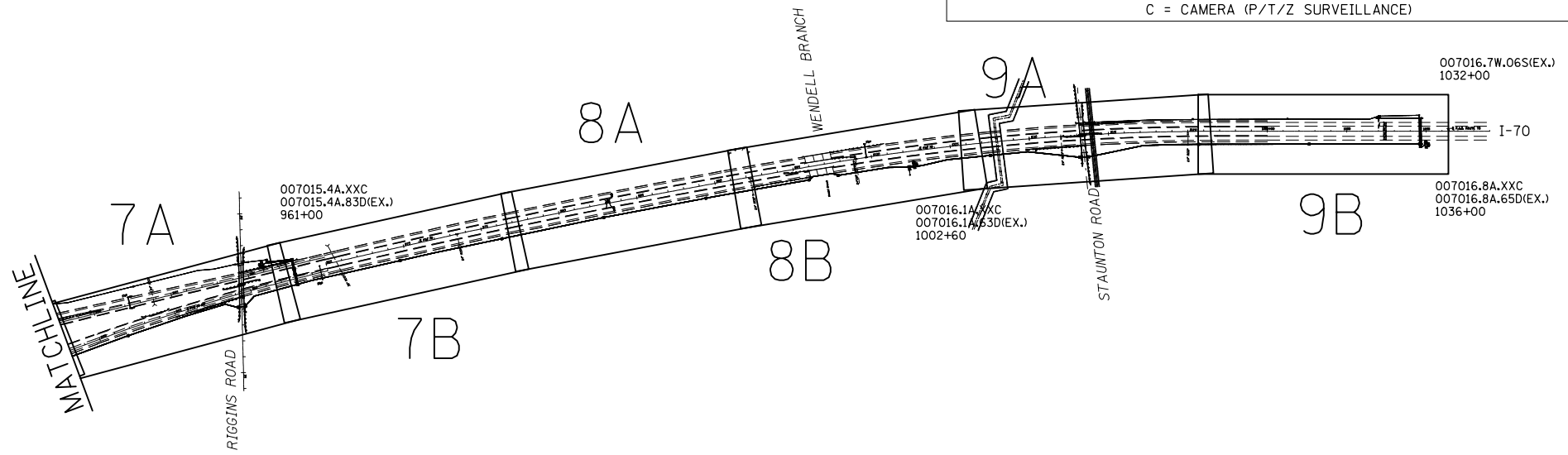
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 6 ITS 2015-1	MADISON	40	6
			CONTRACT NO. 76G96	
ILLINOIS FED. AID PROJECT				



FIELD EQUIPMENT NUMBERING SYSTEM	
EXAMPLE : 006402.8W.11D	
<b>0064</b>	DESIGNATES HIGHWAY WHERE FIELD EQUIPMENT IS LOCATED.
<b>006402.8</b>	DESIGNATES MILE MARKER WHERE FIELD EQUIPMENT IS LOCATED.
<b>006402.8W</b>	DESIGNATES DIRECTION VIDEO DETECTOR IS MONITORING TRAFFIC OR DIRECTION TRAFFIC IS TRAVELLING TO RECEIVE DMS MESSAGE.
<b>006402.8W.11</b>	NUMBER ASSIGNED TO THAT FIELD EQUIPMENT
<b>006402.8W.11D</b>	A = ALL DIRECTIONS                      H = HAR SIGNAGE WITH BEACON D = VEHICLE DETECTION                R = RADAR DETECTION C = CAMERA (P/T/Z SURVEILLANCE)

ITS ELEMENTS SCHEDULE			
CCTV CAMERA	RADAR DETECTION	STA.	PLAN SHEET
027012.6A.67C(EX.)	027012.6A.80D(EX.)	758+00 RT (EB)	1A OF 9
027013.3A.68C	027013.3A.81D(EX.)	794+00 RT (EB)	2B OF 9
027015.0A.69C	027015.0A.82D(EX.)	857+50 RT (EB)	4B OF 9
557019.1A38C(EX.)	557019.1S.93R(EX.)	1294+50 LT (SB)	5 OF 9
007015.4A.70C	007015.4A.83ED(EX.)	961+00 LT (WB)	7B OF 9
007016.1A.71C	007016.1A.63ED(EX.)	1002+60 RT (EB)	8B OF 9
007016.8A.72C	007016.8A.65ED(EX.)	1036+00 RT (EB)	9B OF 9



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	PLOT DATE = 3/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ITS KEY MAP**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	7
CONTRACT NO. 76G96				
ILLINOIS FED. AID PROJECT				

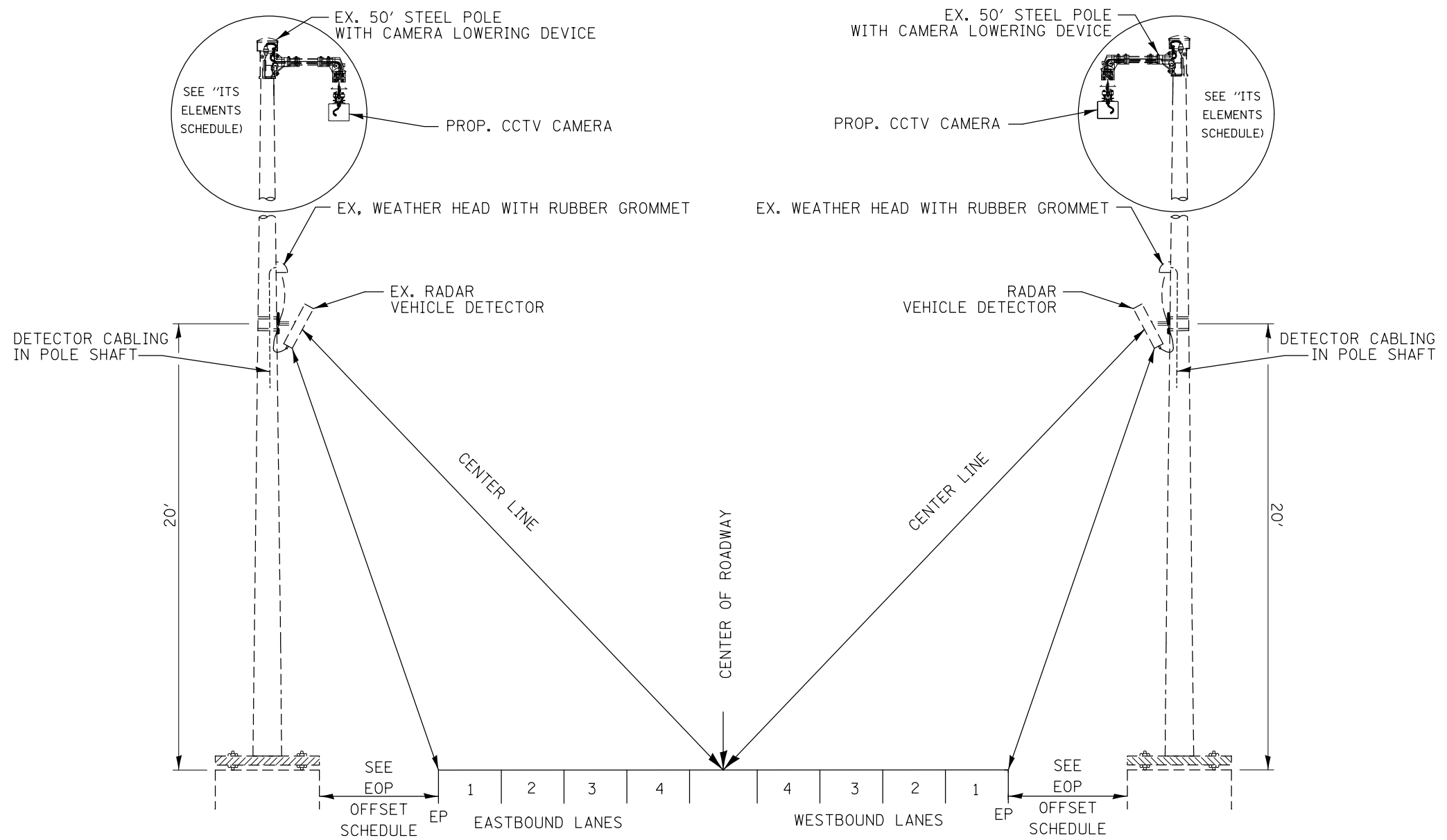
*	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ROAD	EB I-270 755+00 TO 797+00	NB & SB C.H. 67/TROY ROAD OVER EB I-270	EB I-270 797+00 TO 837+00	I-270 EB RAMP TO SB I 55/70 00+00 TO 10+00	EB & WBI-270 846+00 TO 857+00	I-55/70 SB RAMP TO EB I 270 00+00 TO 22+00	SB I-55/70 1287+00 TO 1295+00	WB I-70 RAMP TO SB I-55/70 910+00 TO 945+00	NB I-55/70 RAMP TO EB I-70 915+00 TO 963+00	NB & SB RIGGINS ROAD OVER EB I-70	WB I-270 960+00 TO 965+00	EB I-70 963+00 TO 1014+00	NB & SB STAUNTON ROAD OVER EB I-70	EB I-70 1014+00 TO 1036+00	WB I-70 1032+00 TO 1036+00
YEAR	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015	2015
ADT (EST.)	19400	3900	19400	3200	19400	125	20200	7500	7000	3000	15700	14900	1150	14900	15700
SU%	2.90%	3.50%	2.90%	4.10%	2.90%	7.30%	3.00%	2.90%	2.7	2.7	2.9	2.7	2.7	2.7	2.9
MU%	16.30%	1.10%	16.30%	8.60%	16.30%	17.70%	19.70%	27.30%	27.4	1.2	27.3	27.4	1.2	27.4	27.3

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	TOTALS
TRAFFIC CONTROL AND PROTECTION STANDARDS	EB I-270 756+00 TO 797+00	NB & SB C.H. 67/TROY ROAD OVER EB I-270	EB I-270 797+00 TO 837+00	I-270 EB RAMP TO SB I 55/70 00+00 TO 10+00	EB I-270 846+00 TO 857+00	I-55/70 SB RAMP TO EB I 270 00+00 TO 22+00	NB & SB I-55/70 AT 1295+00	WB I-70 RAMP TO SB I-55/70 AT 910+00	NB I-55/70 RAMP TO EB I-70 905+00 TO 963+00	NB & SB RIGGINS ROAD OVER EB I-70	EB & WB I-70 AT 963+00	EB I-70 963+00 TO 1014+00	NB & SB STAUNTON ROAD OVER EB I-70	EB I-70 1014+00 TO 1036+00	
701101	X		X	X	X	X	X	X	X	X	X	X	X	X	NM
701106	X		X	X	X	X	X	X	X	X	X	X	X	X	NM
701400		X					X				X	X			NM
701401*		0.2					0.2				0.4	0.2			1 L SUM
701411											1				1 EACH
701428		X					X				X	X			NM
701456				0.25		0.25			0.25		0.25				1 L SUM
701501		0.40								0.30			0.3		1 L SUM

\*USE 701400, ALSO  
NM= NOT MEASURED

		LANE CLOSURE SCHEDULE																										
LANE CLOSURE ALLOWED		12:00AM	1:00 AM	2:00 AM	3:00 AM	4:00 AM	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM	12:00 AM	
I-270 E OF IL 159	EB ONLY																											
	SAT.-THURS.	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	FRIDAY	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
I-70 E OF I-270	WB																											
	SAT.-THURS.	Y	Y	Y	Y	Y	Y	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	
	FRIDAY	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
	EB																											
	SAT.-THURS.	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
FRIDAY	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
I-55-70 N OF 162	NB																											
	SAT.-THURS.	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	
	FRIDAY	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
	SB																											
SAT.-THURS.	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	Y	Y	Y	Y	Y	Y	Y	
FRIDAY	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	





**DETAIL  
CCTV & RADAR VEHICLE DETECTOR**

NOT TO SCALE

**LOCATIONS:**

ITS ELEMENTS SCHEDULE			
ELEMENT	STA.	EOP OFFSET	# OF LANES
CAMERA			
027012.6A.67C(EX.)	758+00	0.E.50'L.D.	N/A
027013.3A.68C	794+00	0.E.50'L.D.	N/A
027015.0A.69C	857+50	0.E.50'L.D.	N/A
557019.1A38C(EX.)	1294+50	N/A	N/A
007015.4A.70C	961+00	0.E.50'L.D.	N/A
007016.1A.71C	1002+60	0.E.50'L.D.	N/A
007016.8A.72C	1036+00	0.E.50'L.D.	N/A

0.E.50'L.D.=ON EXISTING 50' STEEL POLE WITH CAMERA LOWERING DEVICE

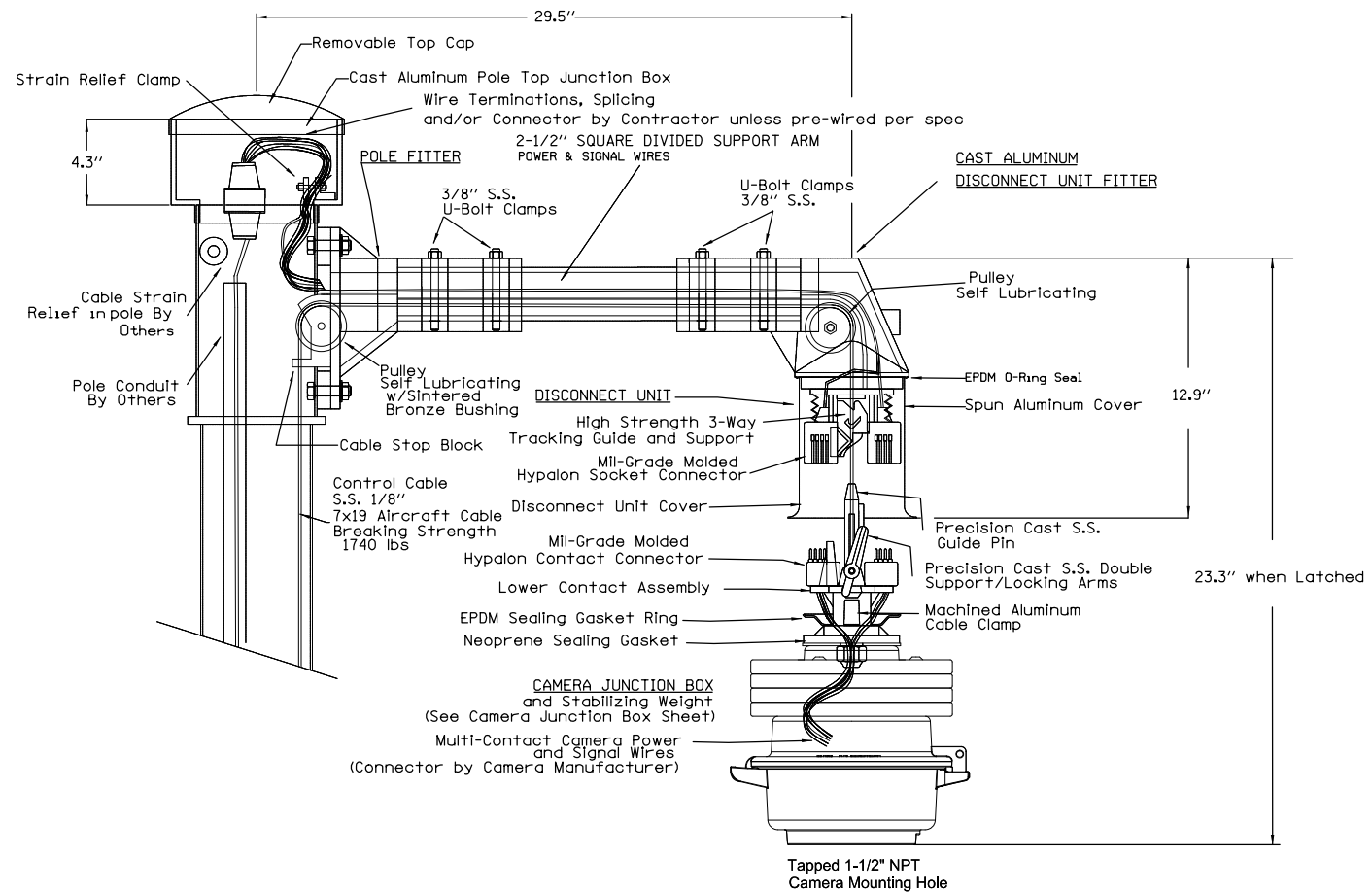
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	PLOT DATE = 3/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CCTV AND RADAR VEHICLE DETECTION MOUNTING DETAIL**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	9
CONTRACT NO. 76G96				
ILLINOIS FED. AID PROJECT				



Camera Lowering Device for Pole  
Mounting Multi-Function Surveillance Cameras

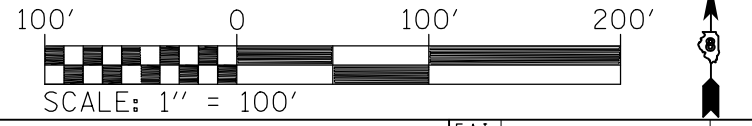
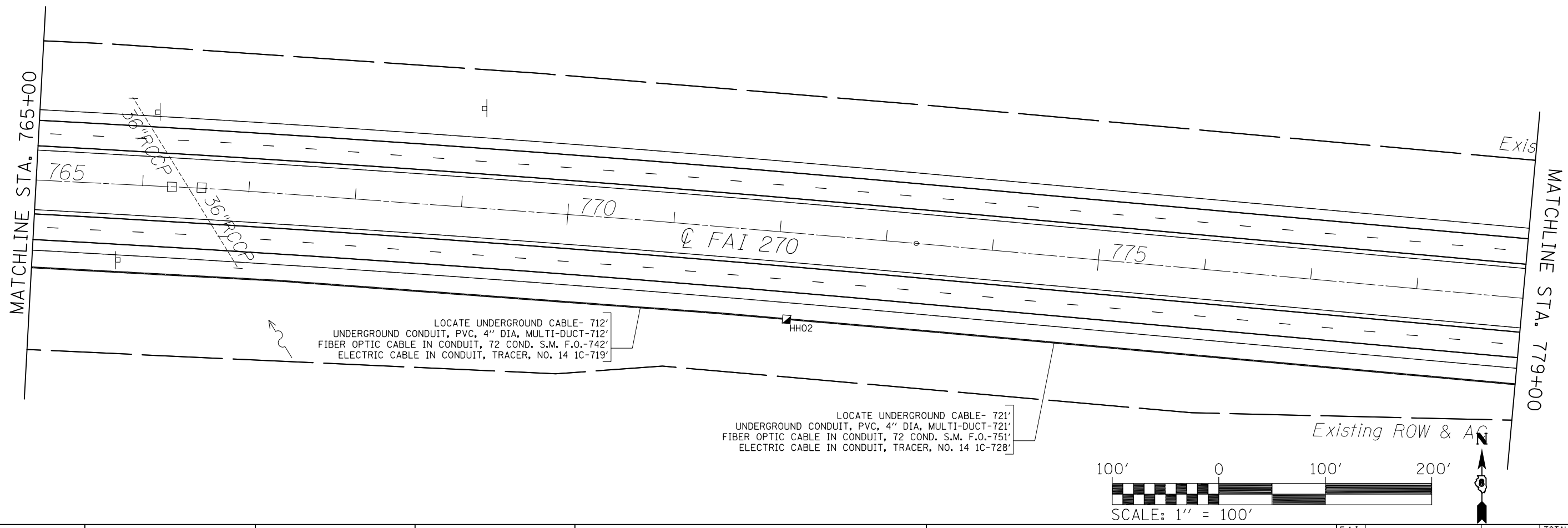
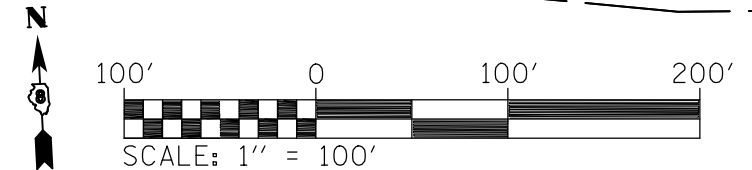
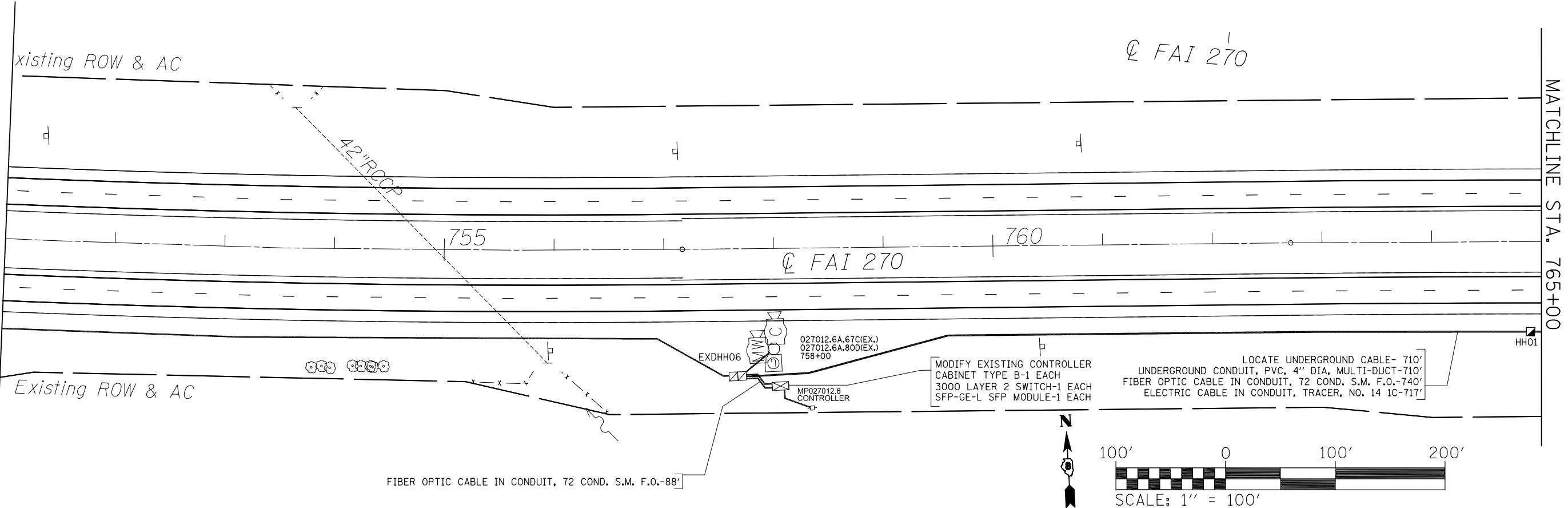
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/27/2015	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

POLE MOUNTED CCTV DETAIL WITH  
CAMERA LOWERING DEVICE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	10
CONTRACT NO. 76G96				
ILLINOIS FED. AID PROJECT				



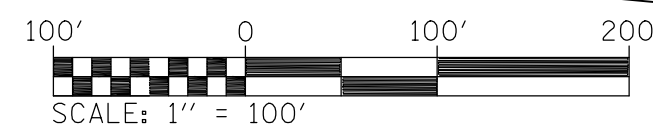
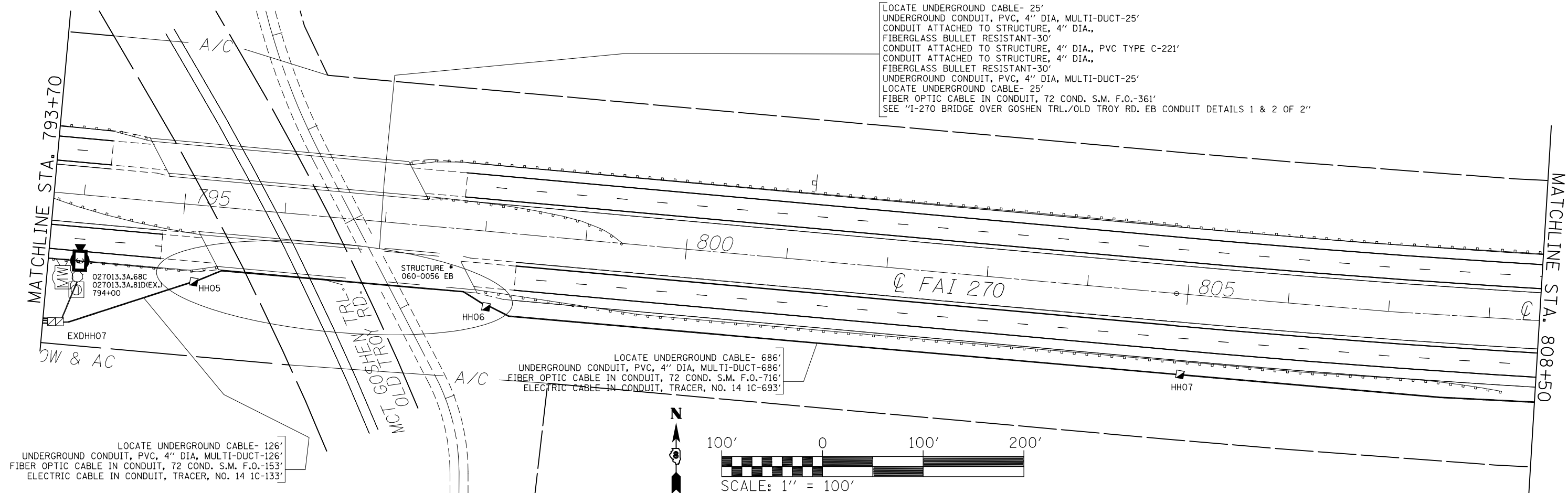
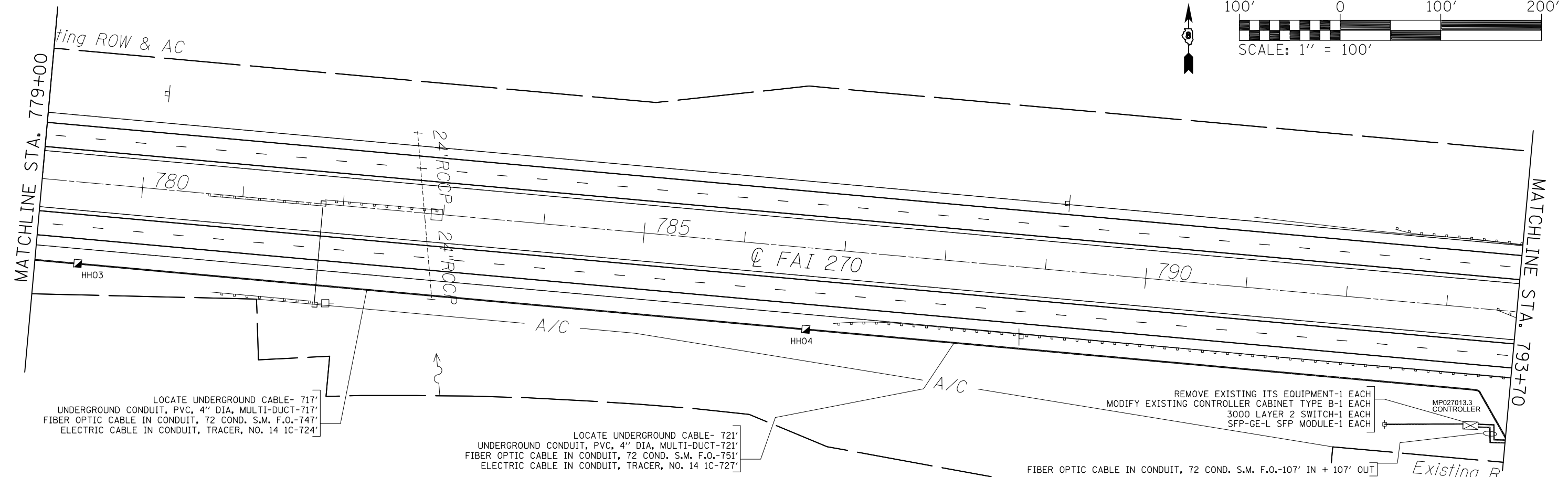
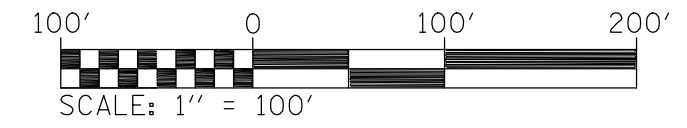
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ITS PLAN 1A & 1B OF 9**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	11
CONTRACT NO. 76G96				
ILLINOIS FED. AID PROJECT				



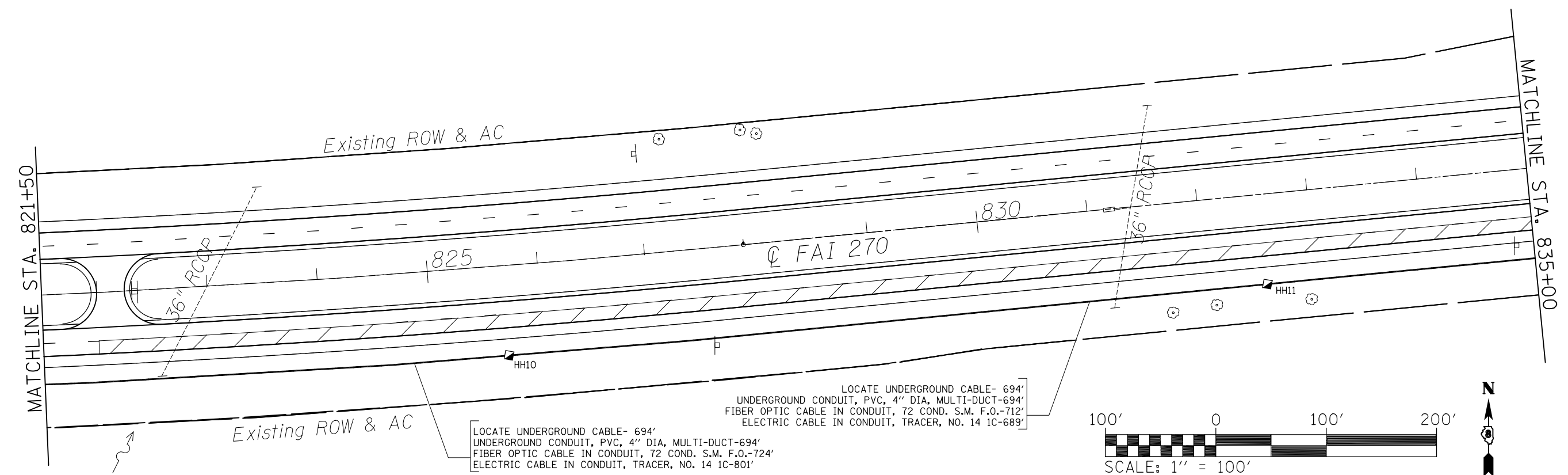
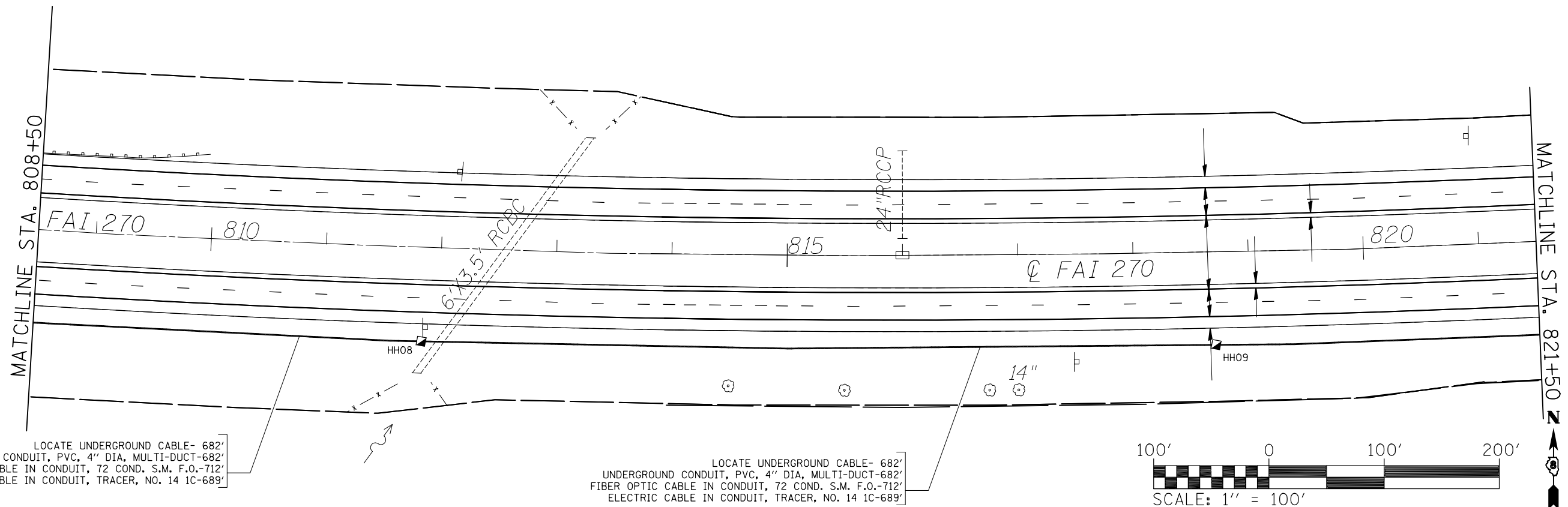
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	PLOT DATE = 3/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

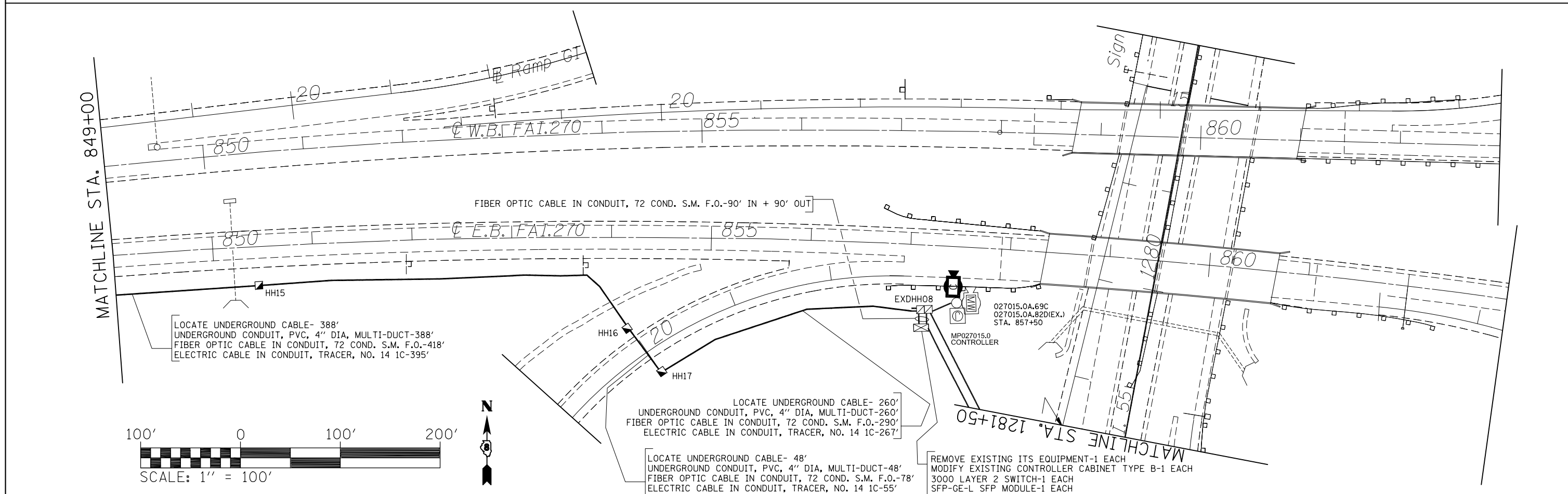
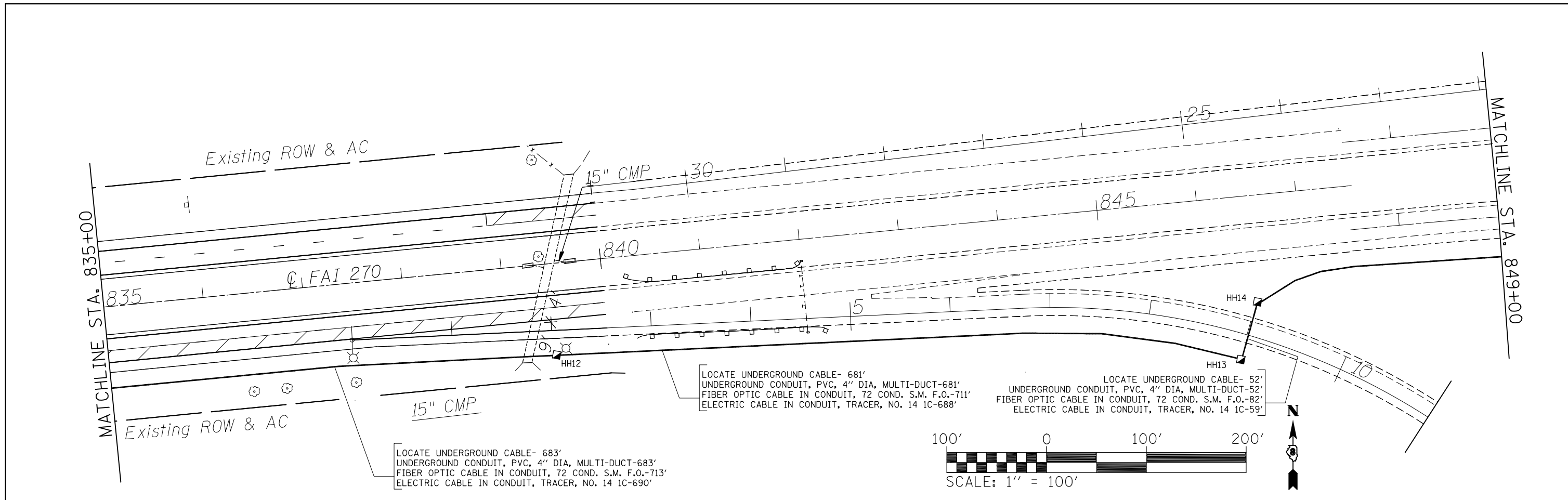
ITS PLAN 2A & 2B OF 9

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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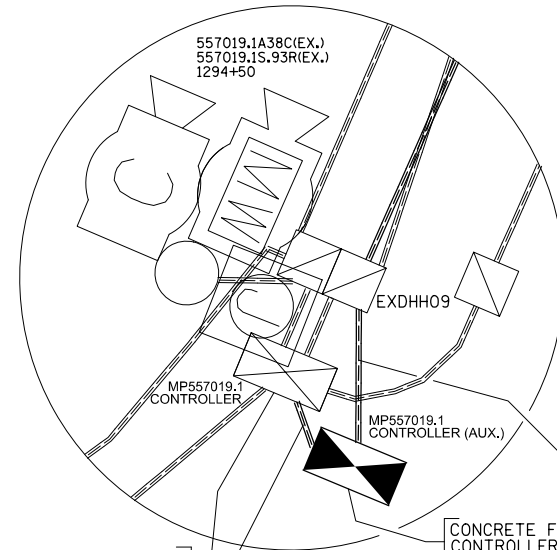
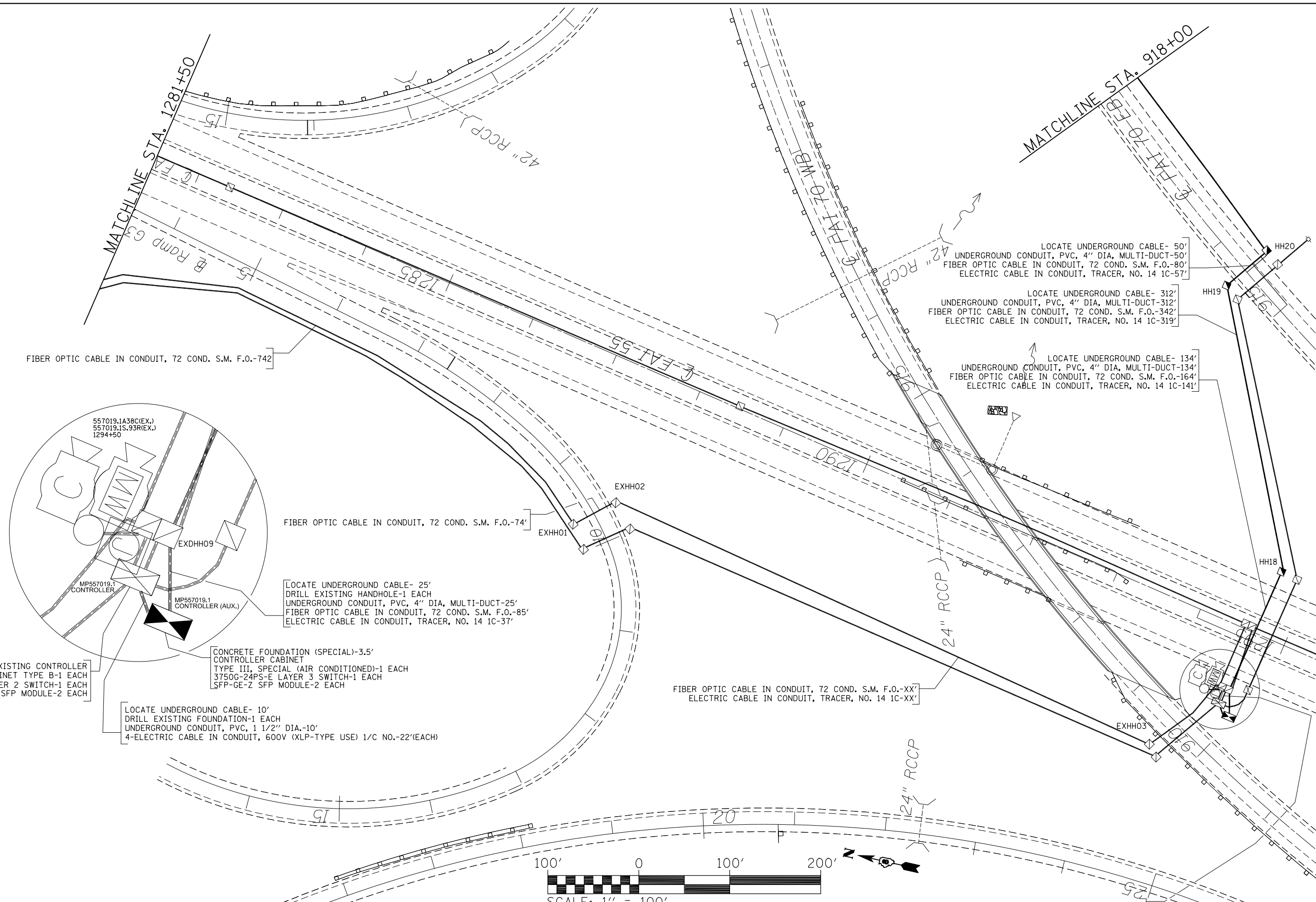
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	12
CONTRACT NO. 76G96				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ITS PLAN 3A &amp; 3B OF 9</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/27/2015	DATE -	CHECKED -	REVISED -		SCALE:      SHEET      OF      SHEETS      STA.      TO STA.			CONTRACT NO. 76C96				
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



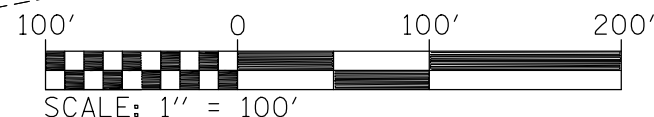
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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -					CONTRACT NO. 76C96				
PLOT DATE = 3/27/2015		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.		



MODIFY EXISTING CONTROLLER  
CABINET TYPE B-1 EACH  
3000 LAYER 2 SWITCH-1 EACH  
SFP-GE-L SFP MODULE-2 EACH

CONCRETE FOUNDATION (SPECIAL)-3.5'  
CONTROLLER CABINET  
TYPE III, SPECIAL (AIR CONDITIONED)-1 EACH  
3750G-24PS-E LAYER 3 SWITCH-1 EACH  
SFP-GE-Z SFP MODULE-2 EACH

LOCATE UNDERGROUND CABLE- 10'  
DRILL EXISTING FOUNDATION-1 EACH  
UNDERGROUND CONDUIT, PVC, 1 1/2" DIA.-10'  
4-ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO.-22'(EACH)

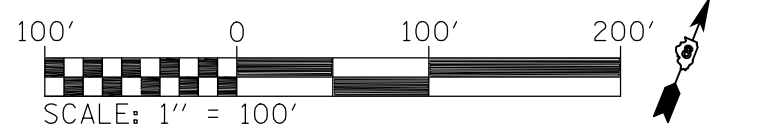
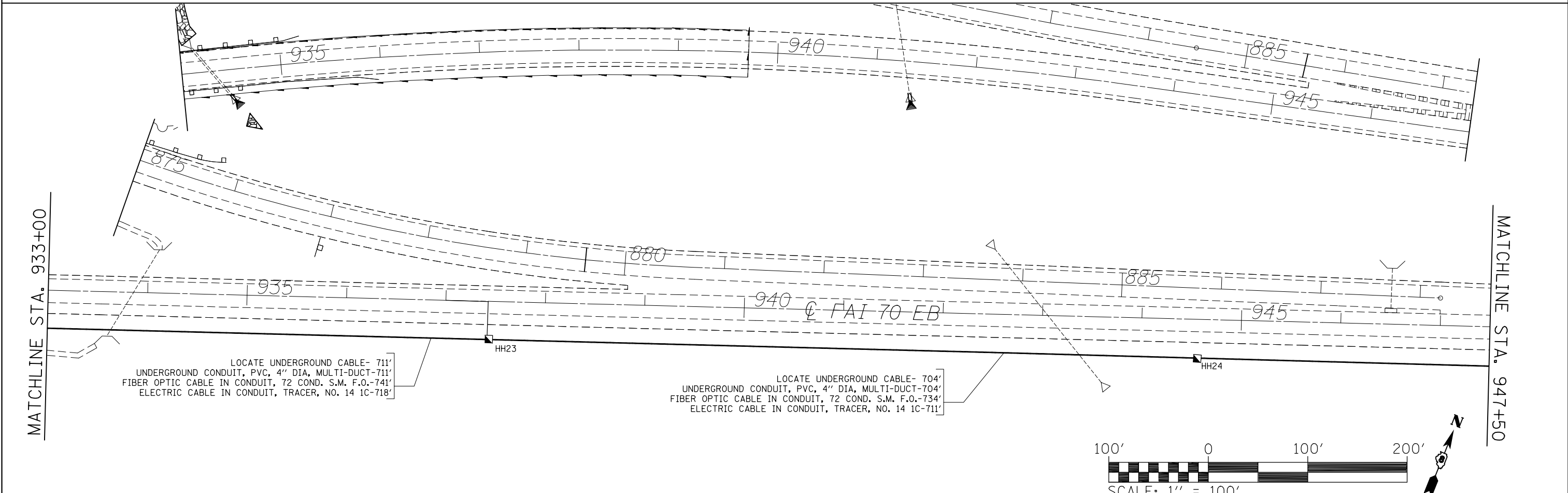
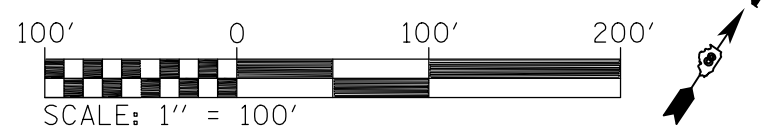
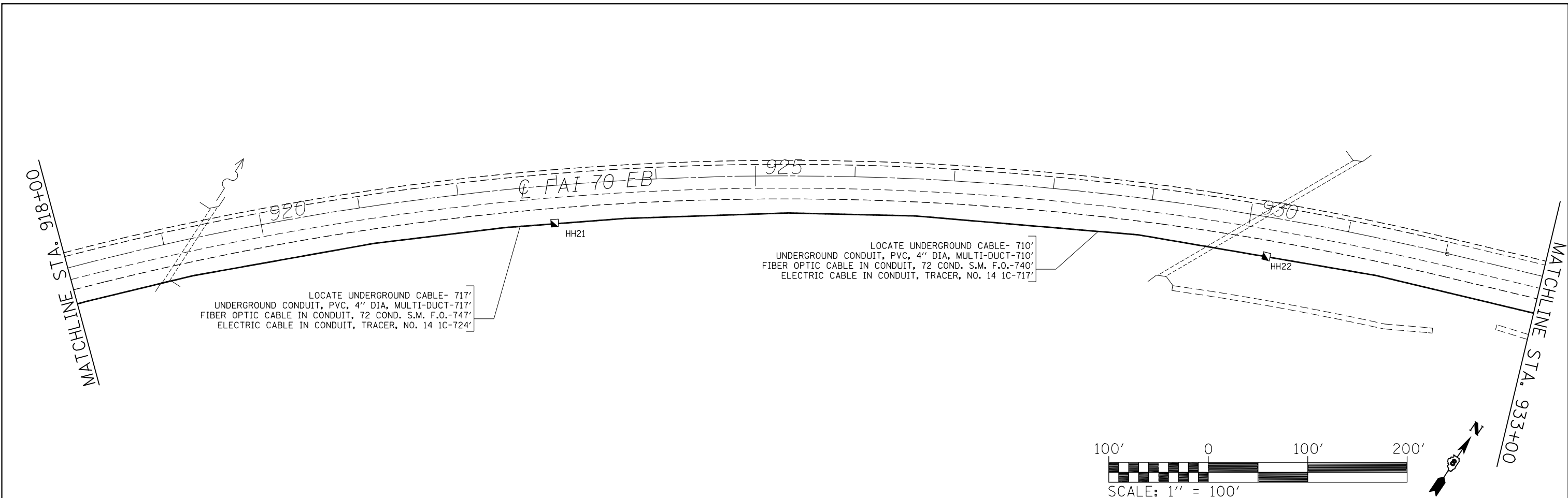


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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

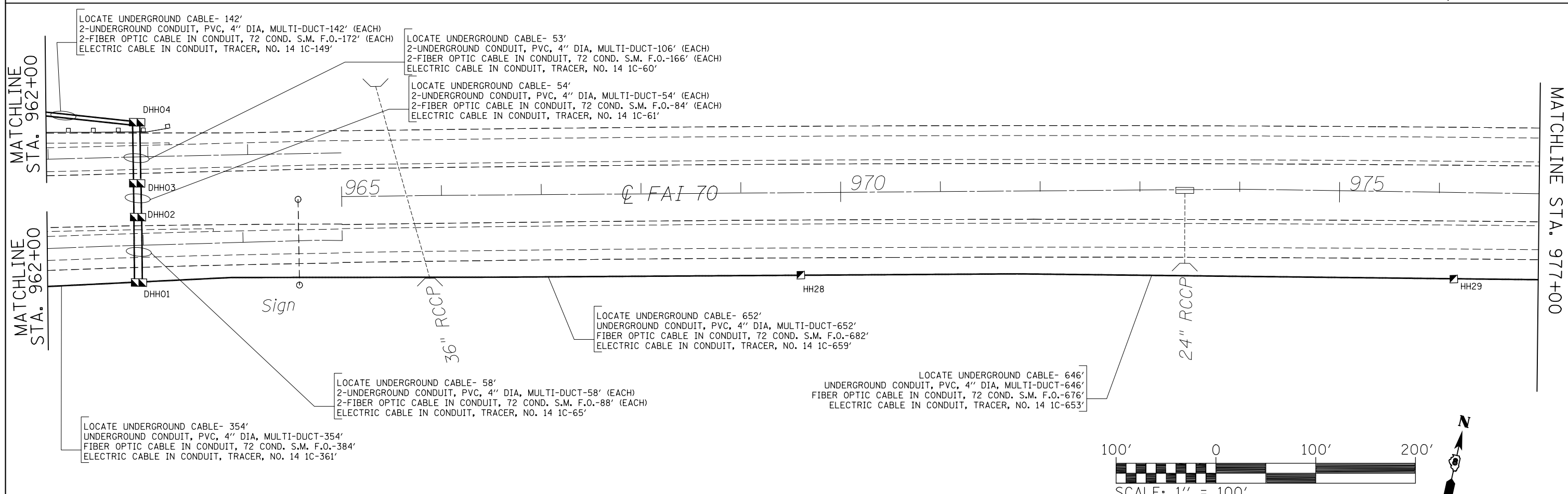
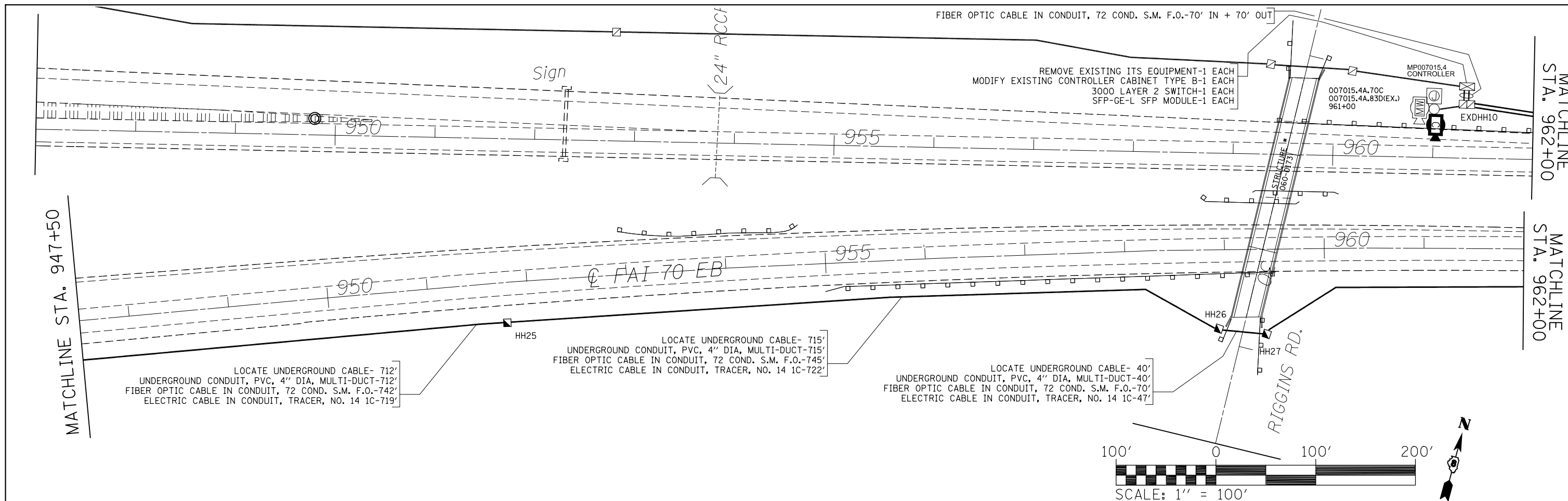
ITS PLAN 5 OF 9	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	15
CONTRACT NO. 76C96				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>ITS PLAN 6A &amp; 6B OF 9</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				

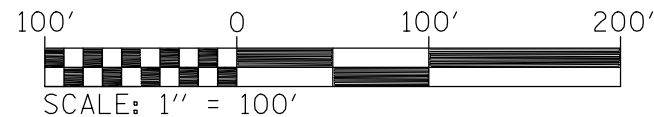
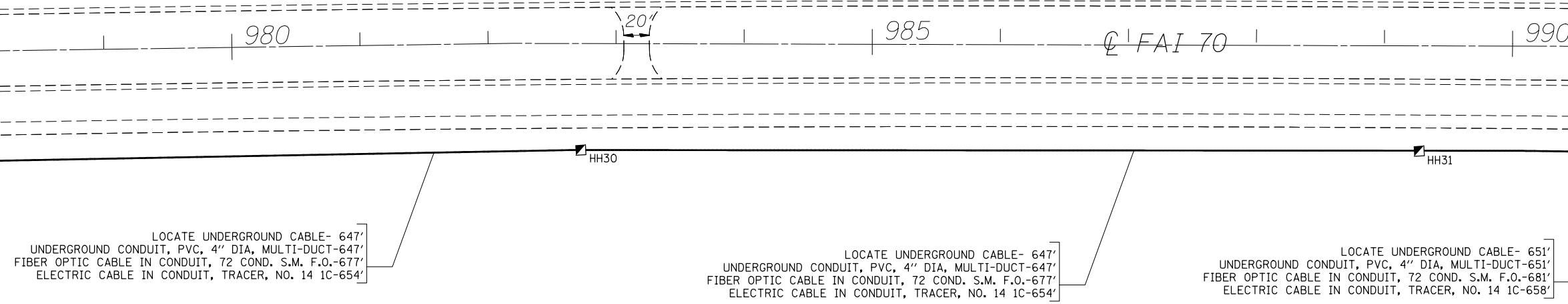




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PLOT DATE = 3/27/2015	DATE -	CHECKED -	REVISED -		SCALE:      SHEET      OF      SHEETS      STA.      TO STA.			CONTRACT NO. 76C96				
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT				

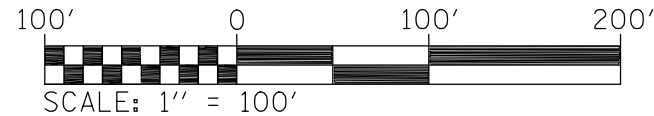
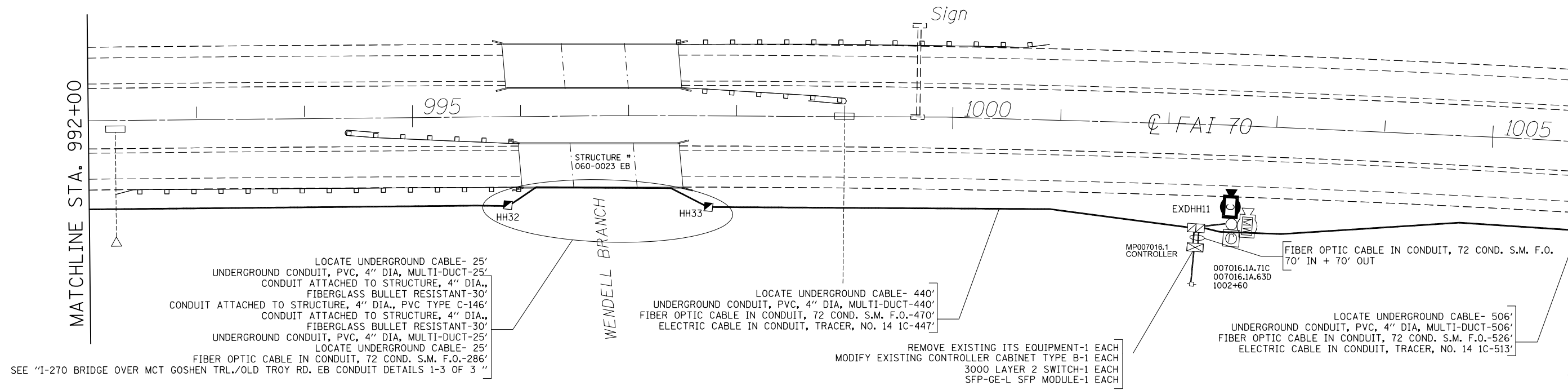
MATCHLINE STA. 977+00

MATCHLINE STA. 992+00



MATCHLINE STA. 992+00

MATCHLINE STA. 1005+00



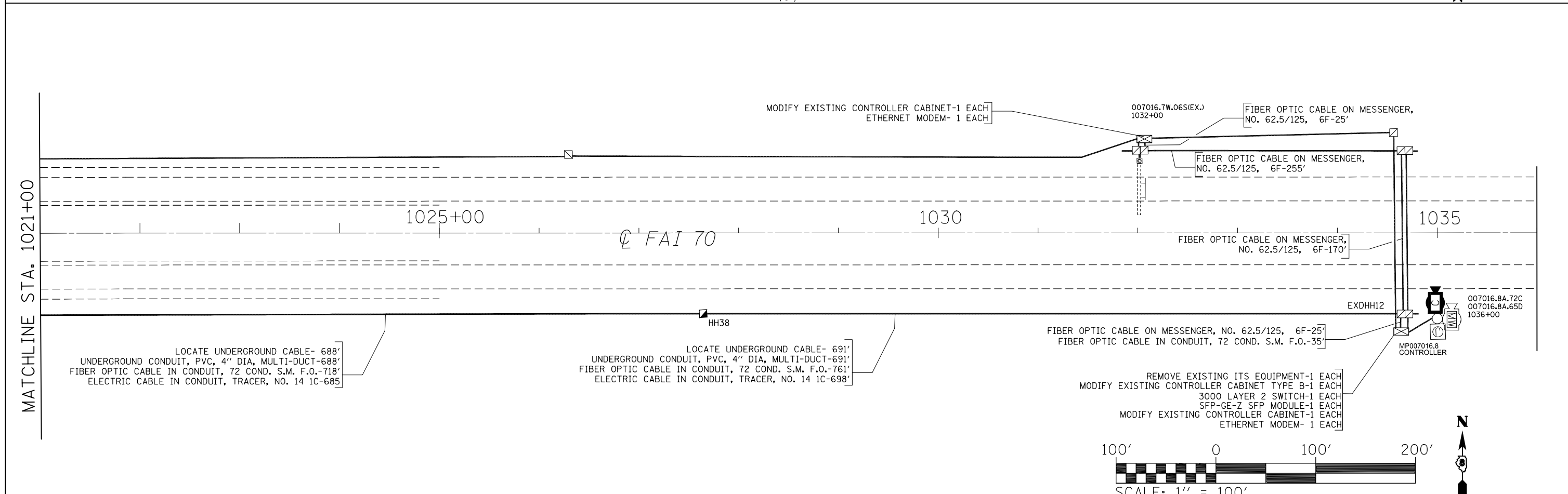
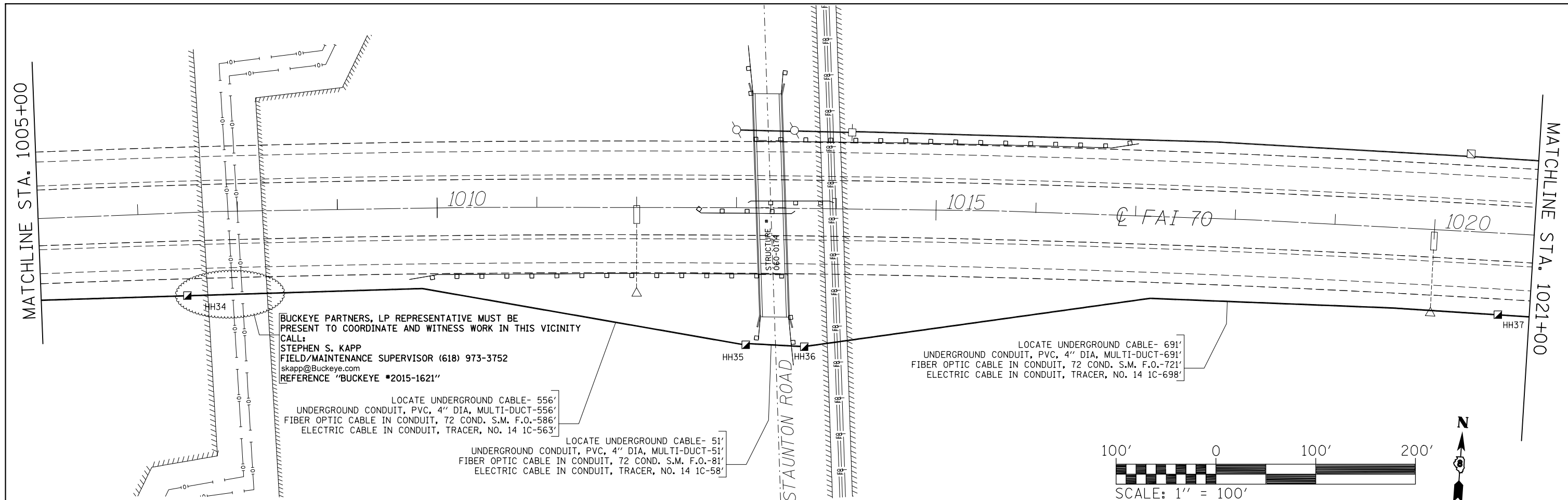
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

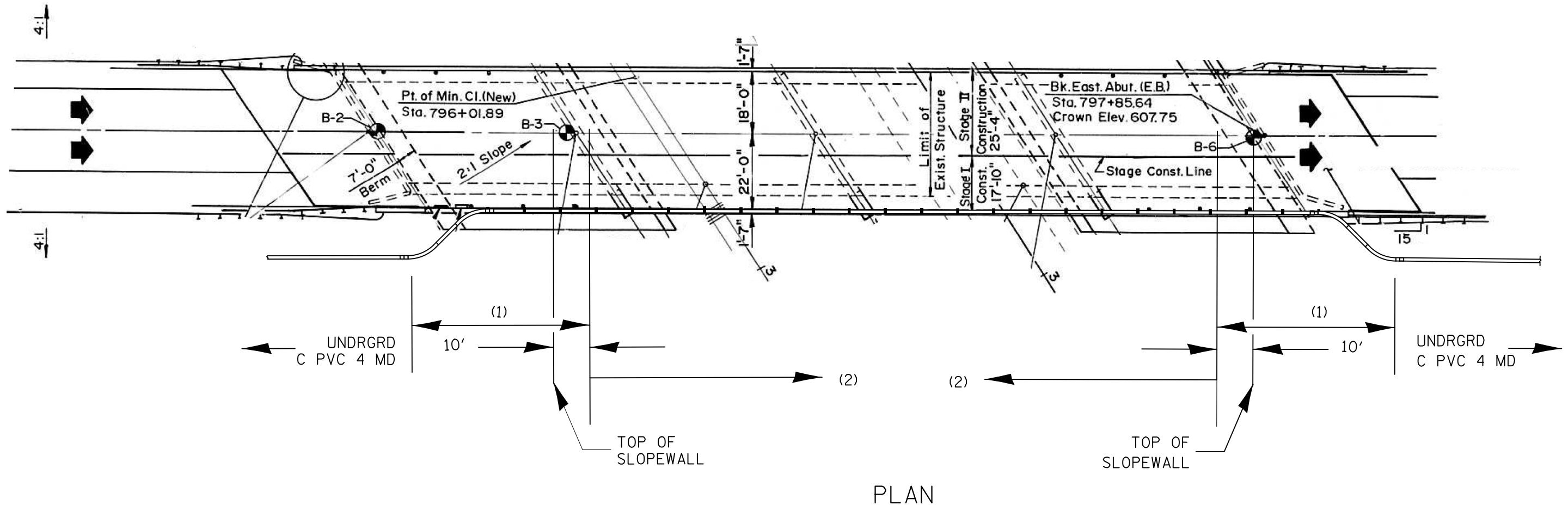
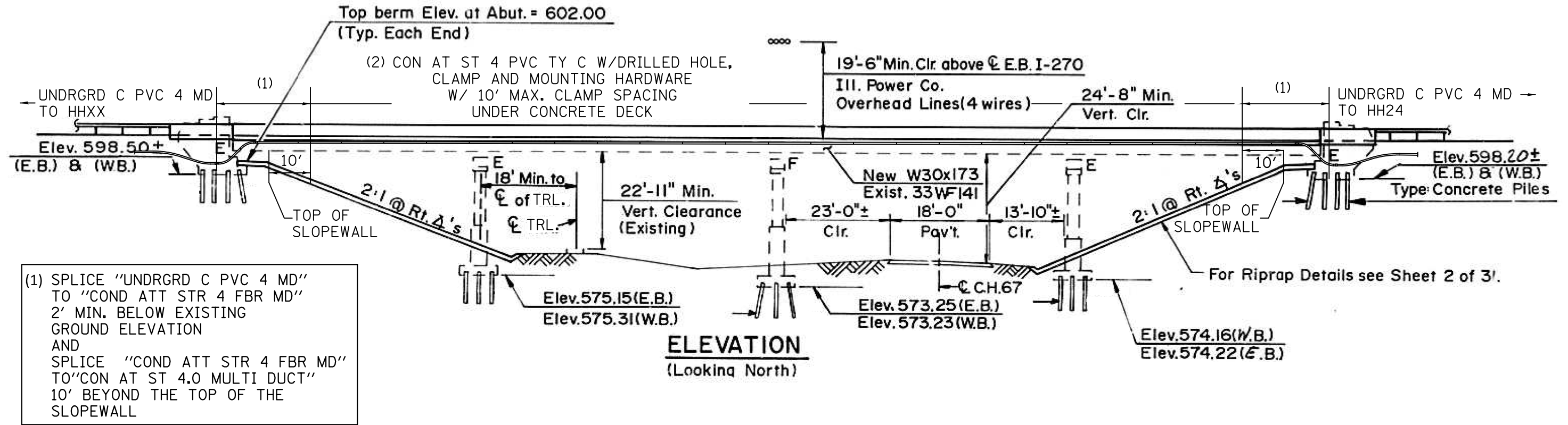
**ITS PLAN 8A & 8B OF 9**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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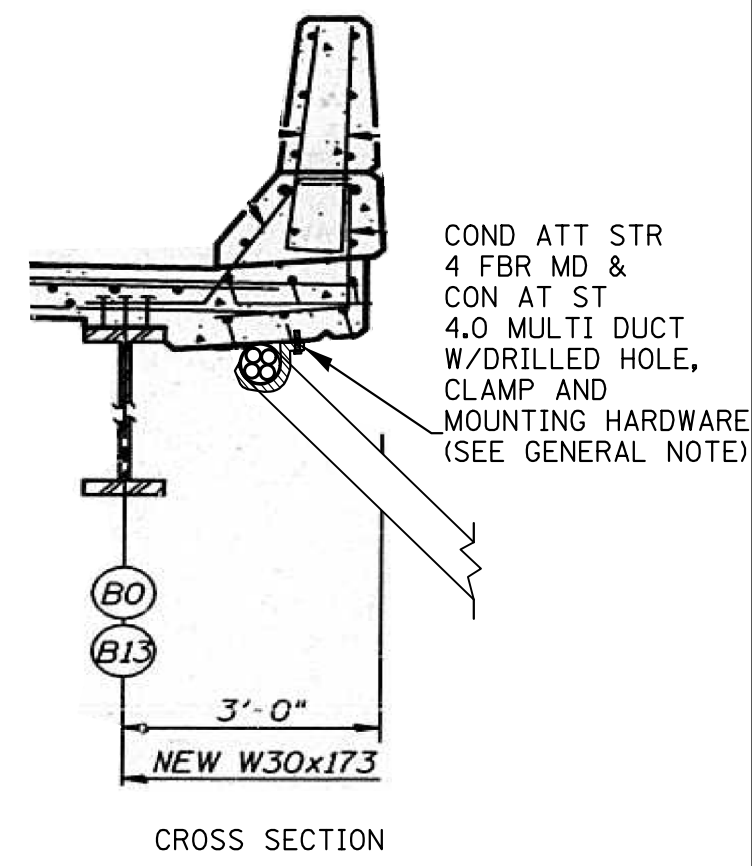
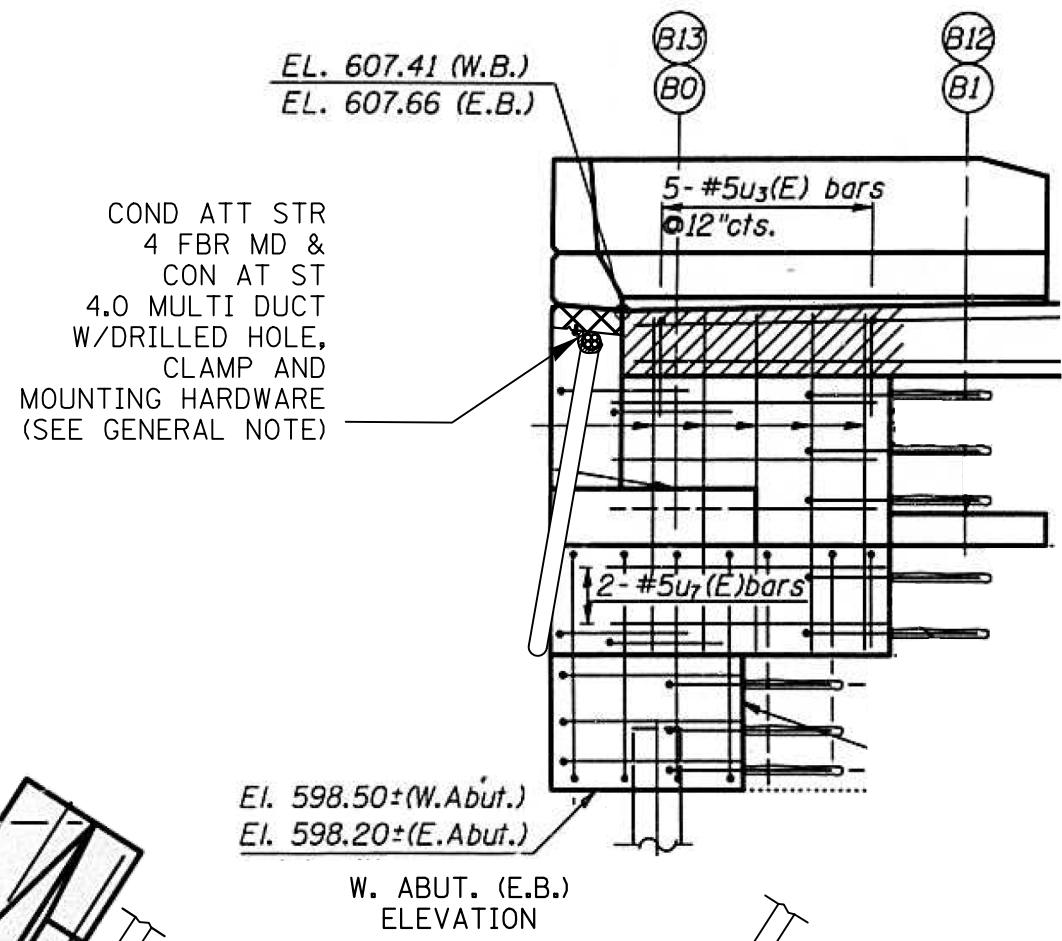
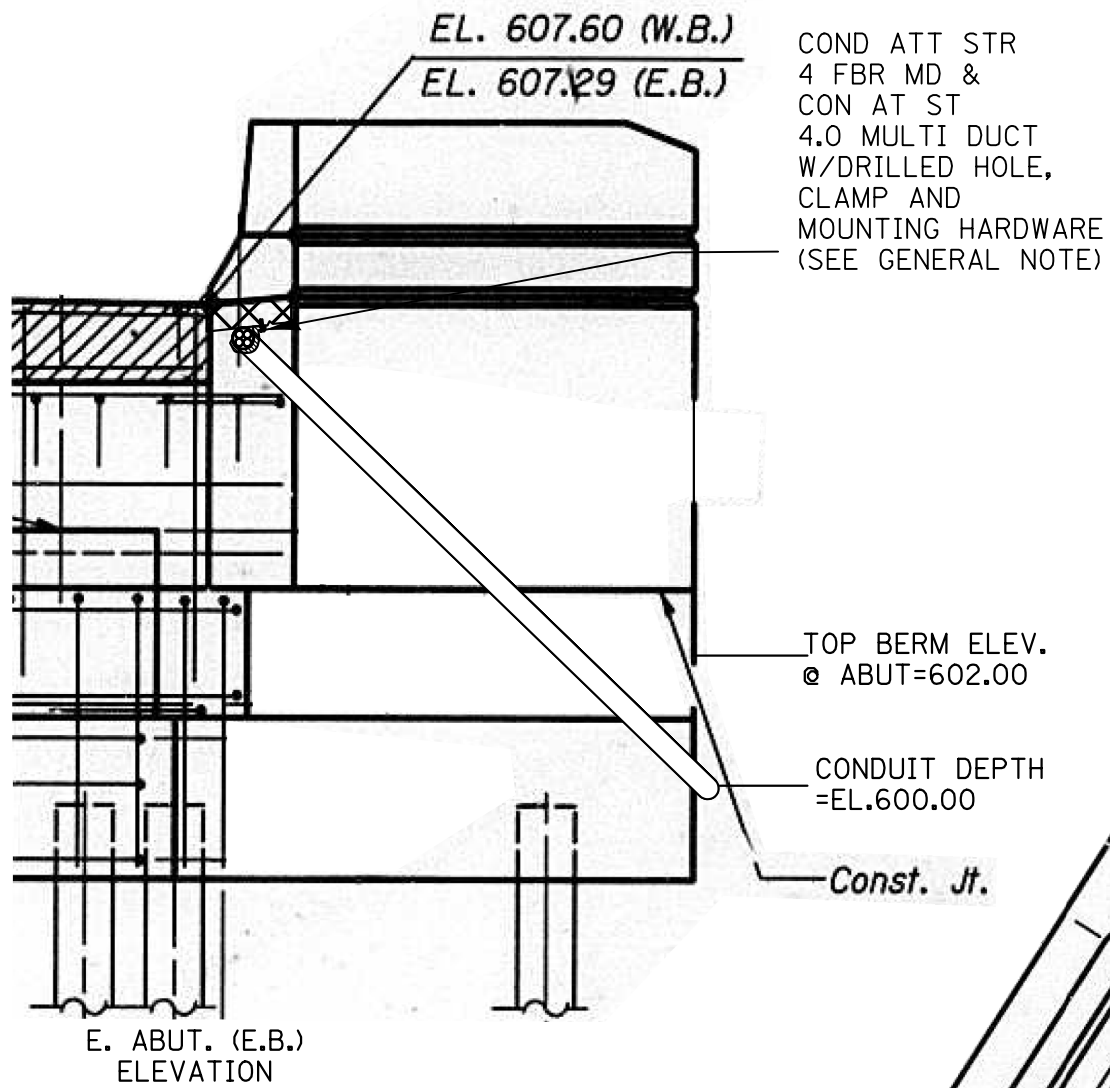
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270/70	DIST 8 ITS 2015-1	MADISON	40	18
CONTRACT NO. 76G96				
ILLINOIS FED. AID PROJECT				



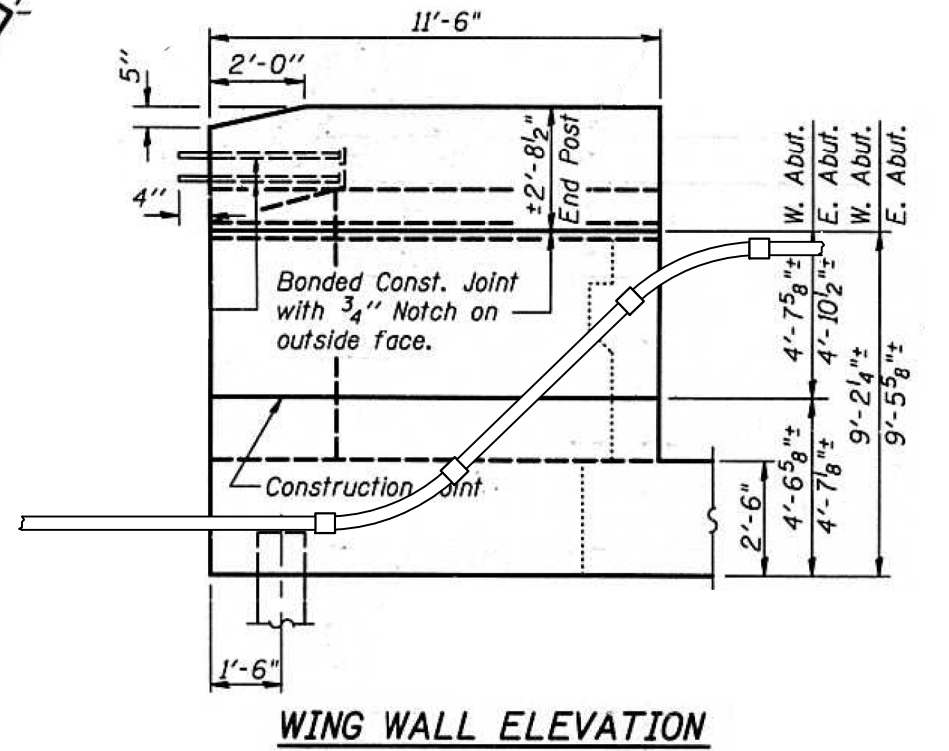
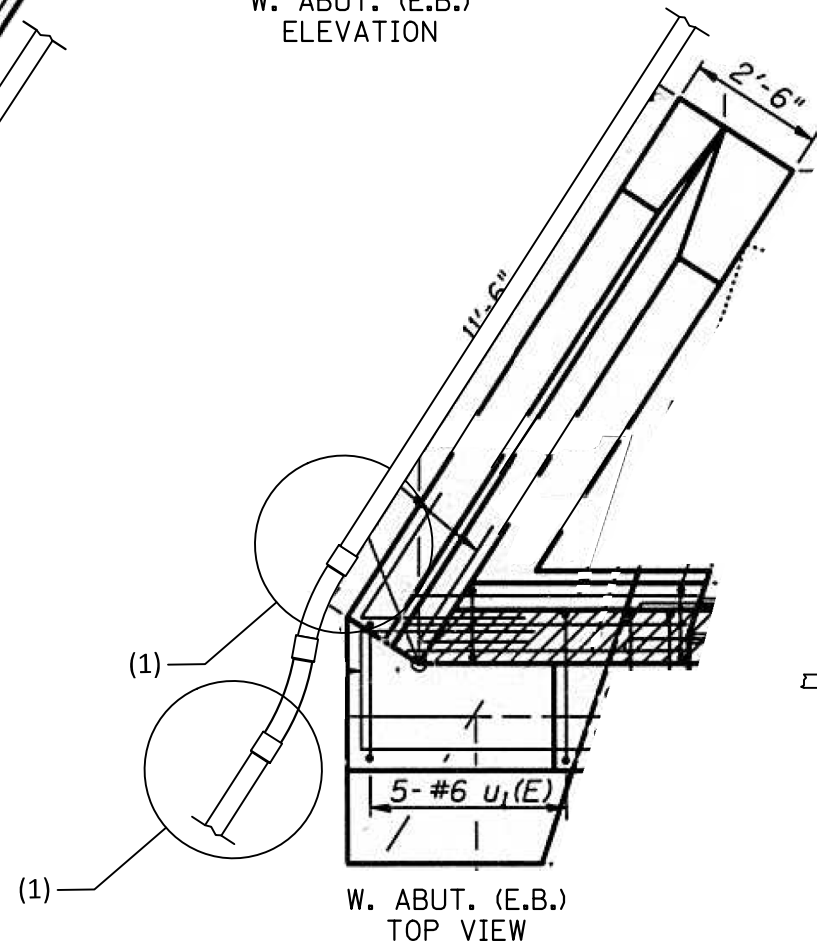
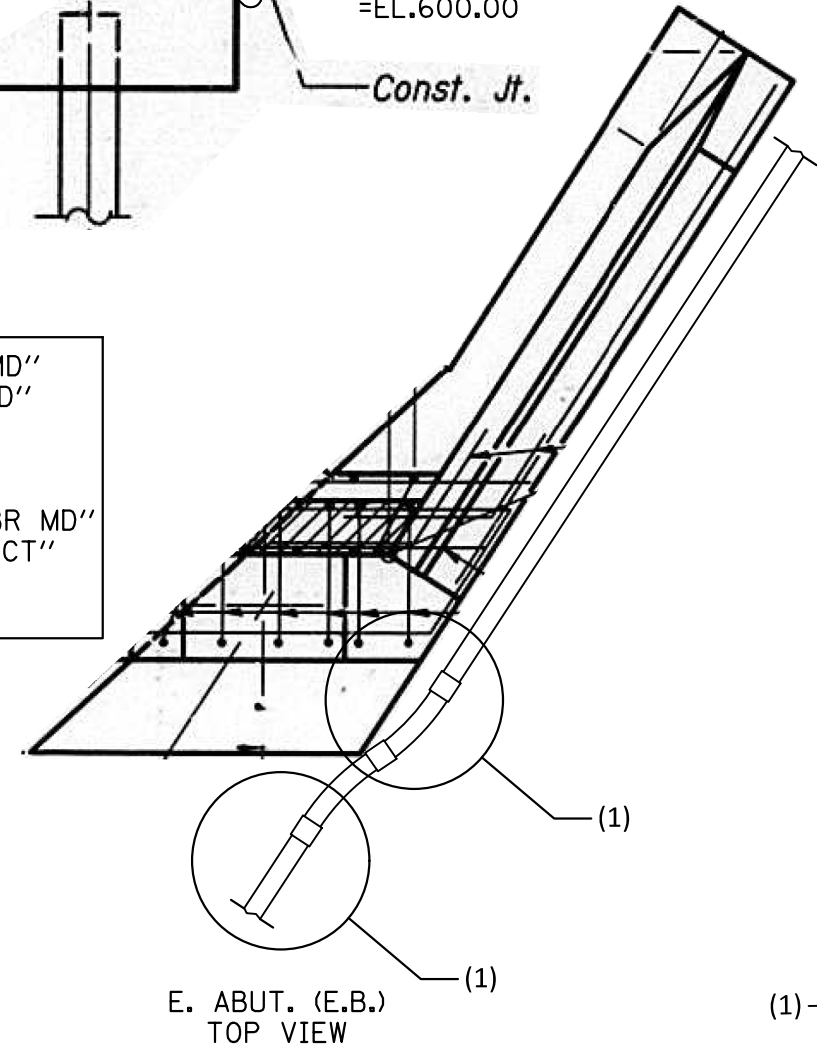
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		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-270 BRIDGE OVER MCT GOSHEN TRL./OLD TROY RD. EB CONDUIT DETAILS 1 OF 2</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 100.0000' / 1"		CHECKED -	REVISED -			CONTRACT NO. 76C96					
PLOT DATE = 3/27/2015		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



(1) SPLICE "UNDRGRD C PVC 4 MD" TO "COND ATT STR 4 FBR MD" 2' MIN. BELOW EXISTING GROUND ELEVATION AND SPLICE "COND ATT STR 4 FBR MD" TO "CON AT ST 4.0 MULTI DUCT" 10' BEYOND THE TOP OF THE SLOPEWALL



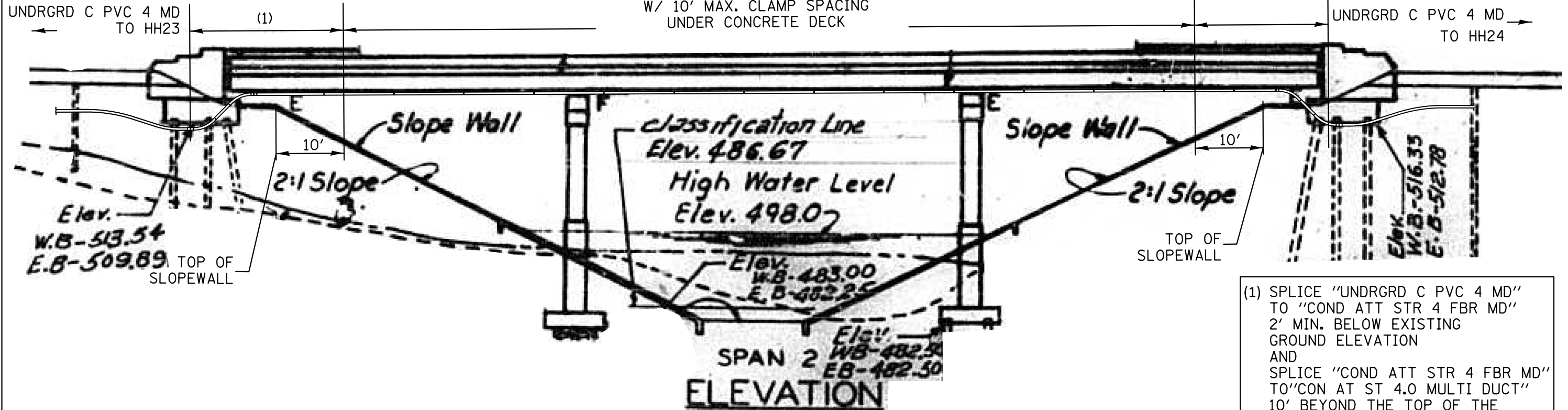
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/27/2015	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

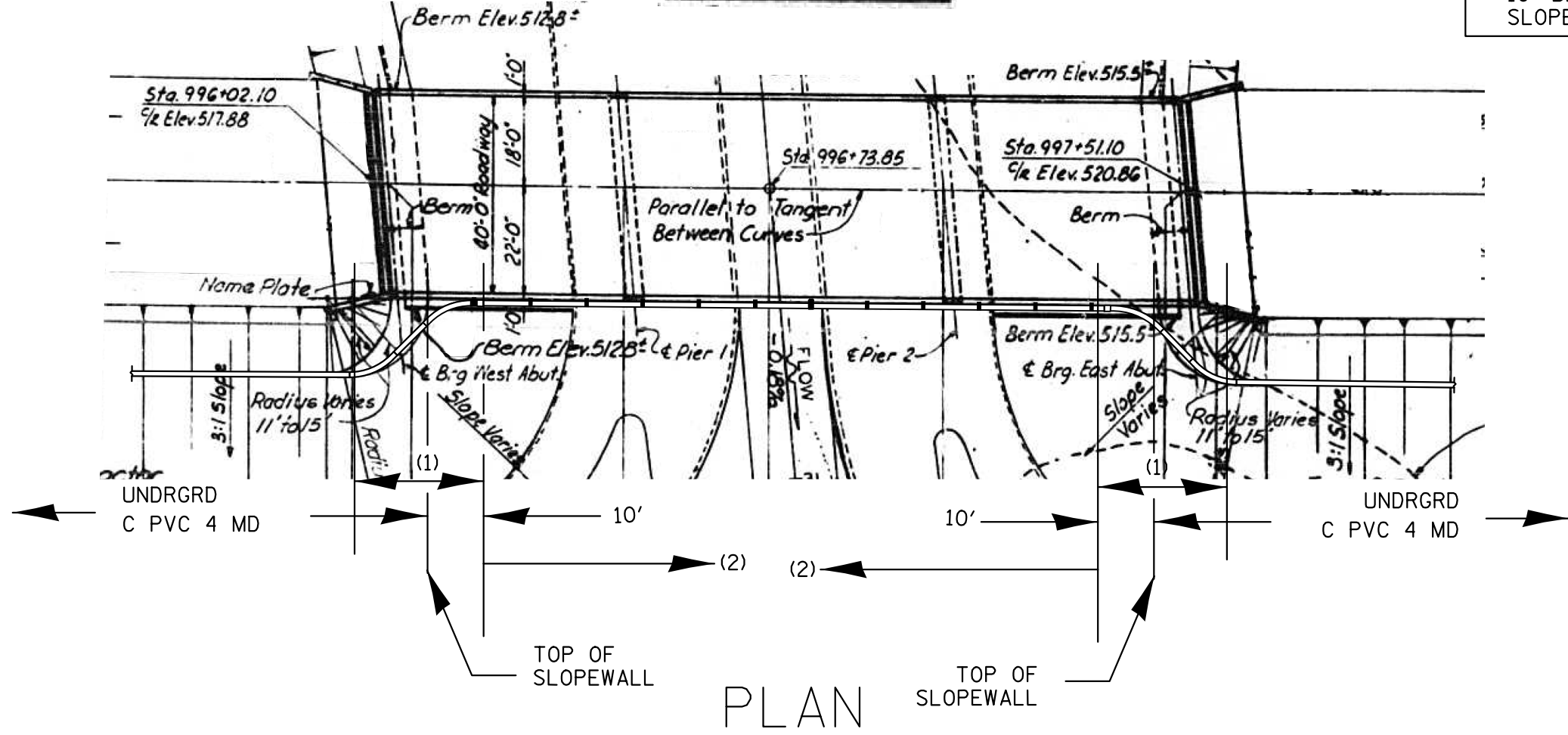
I-270 BRIDGE OVER MCT GOSHEN TRL./OLD TROY RD. EB  
CONDUIT DETAILS 2 OF 2  
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	21
CONTRACT NO. 76C96			ILLINOIS FED. AID PROJECT	

(2) CON AT ST 4 PVC TY C W/DRILLED HOLE,  
CLAMP AND MOUNTING HARDWARE  
W/ 10' MAX. CLAMP SPACING  
UNDER CONCRETE DECK

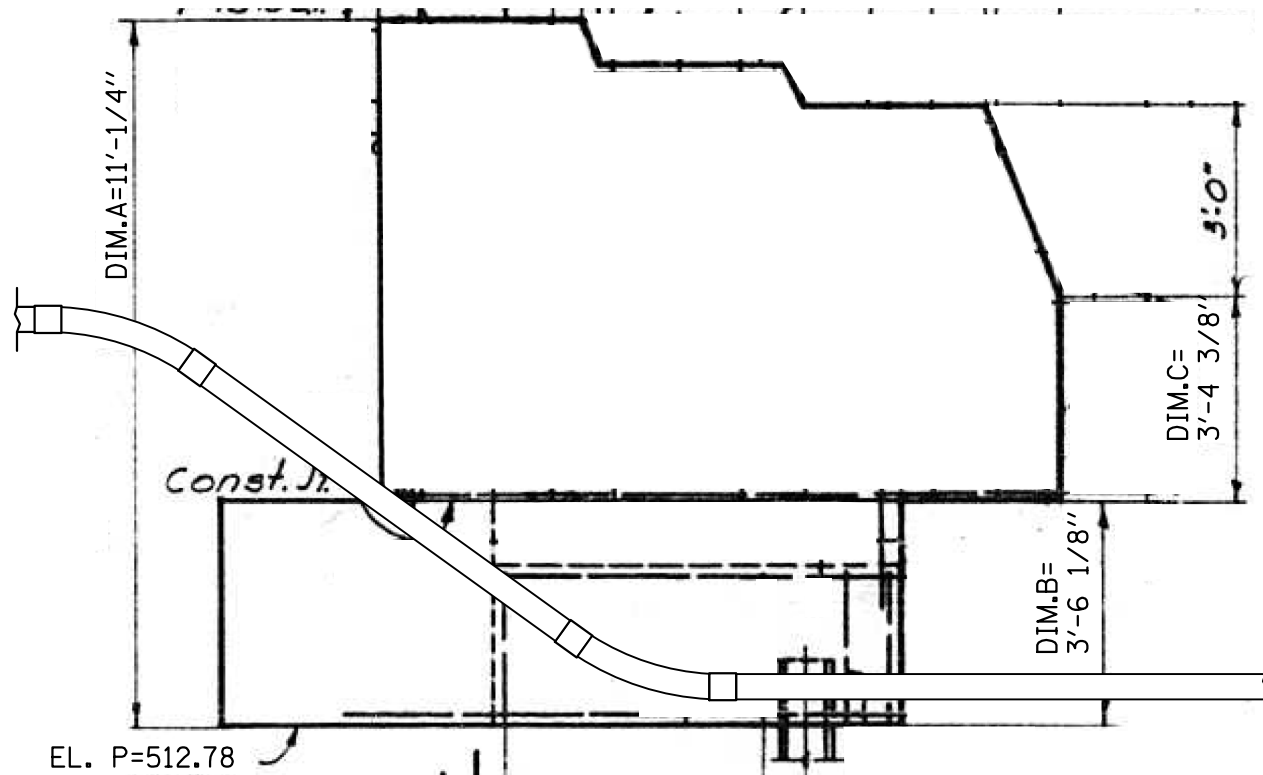


(1) SPLICE "UNDGRD C PVC 4 MD" TO "COND ATT STR 4 FBR MD" 2' MIN. BELOW EXISTING GROUND ELEVATION AND SPLICE "COND ATT STR 4 FBR MD" TO "CON AT ST 4.0 MULTI DUCT" 10' BEYOND THE TOP OF THE SLOPEWALL

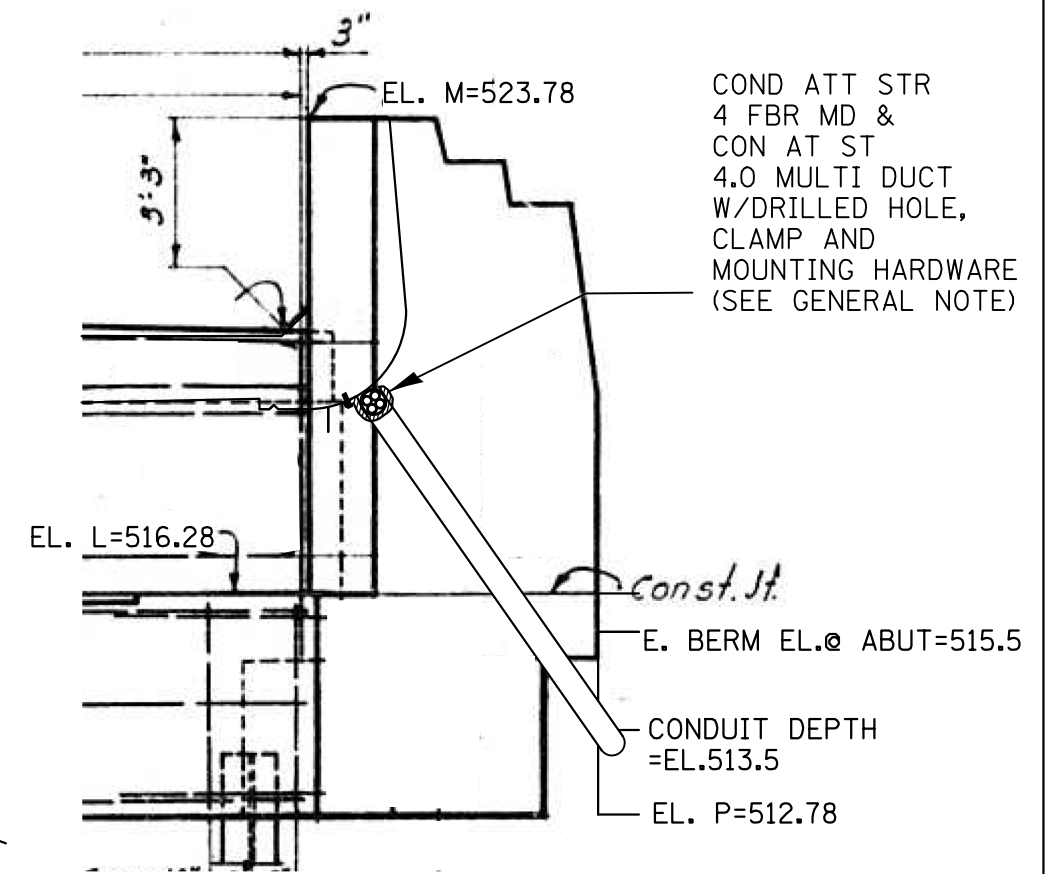


PLAN

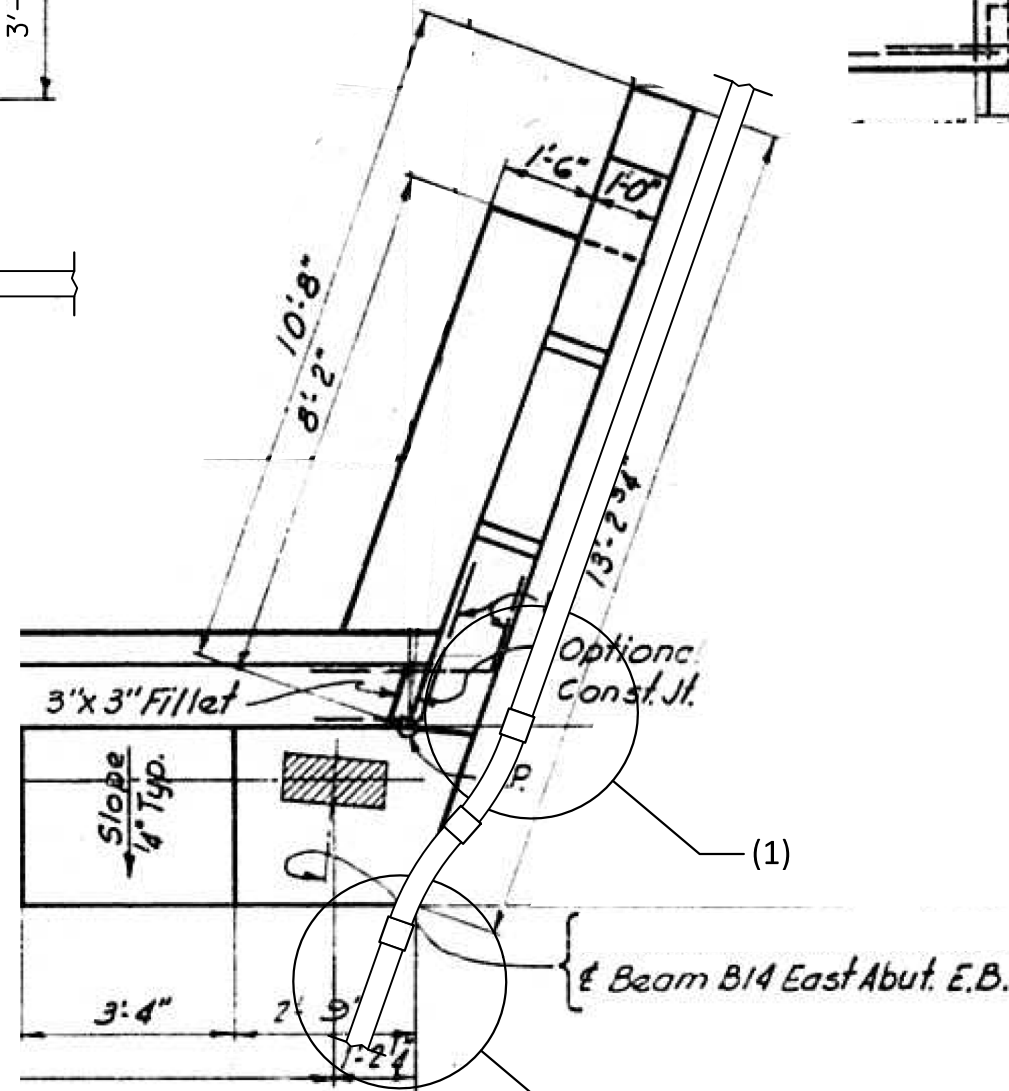
FILE NAME =	USER NAME = prestonm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-270 BRIDGE OVER WENDELL BRANCH EB CONDUIT DETAILS 1 OF 3	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\prestonm\d0376693\d876996-sht-ITS.dgn	PLOT SCALE = 100.0000' / 1"	DRAWN -	REVISED -			270/70	DIST 8 ITS 2015-1	MADISON	40	22	
PLOT DATE = 3/27/2015	DATE -	CHECKED -	REVISED -			CONTRACT NO. 76G96					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



WING WALL ELEVATION



ELEVATION



PLAN

E. ABUT (EB)

(1) SPLICE "UNDRGRD C PVC 4 MD" TO "COND ATT STR 4 FBR MD" 2' MIN. BELOW EXISTING GROUND ELEVATION AND SPLICE "COND ATT STR 4 FBR MD" TO "CON AT ST 4.0 MULTI DUCT" 10' BEYOND THE TOP OF THE SLOPEWALL

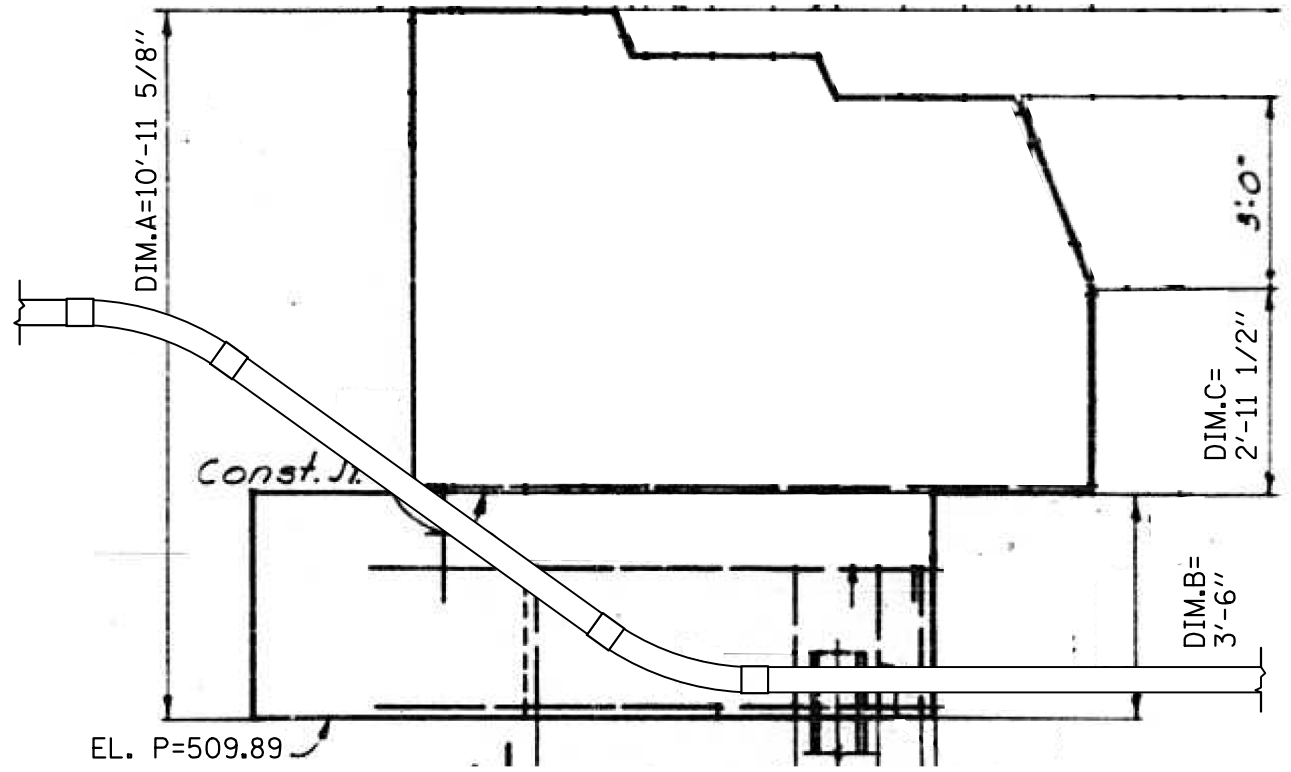
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/27/2015	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

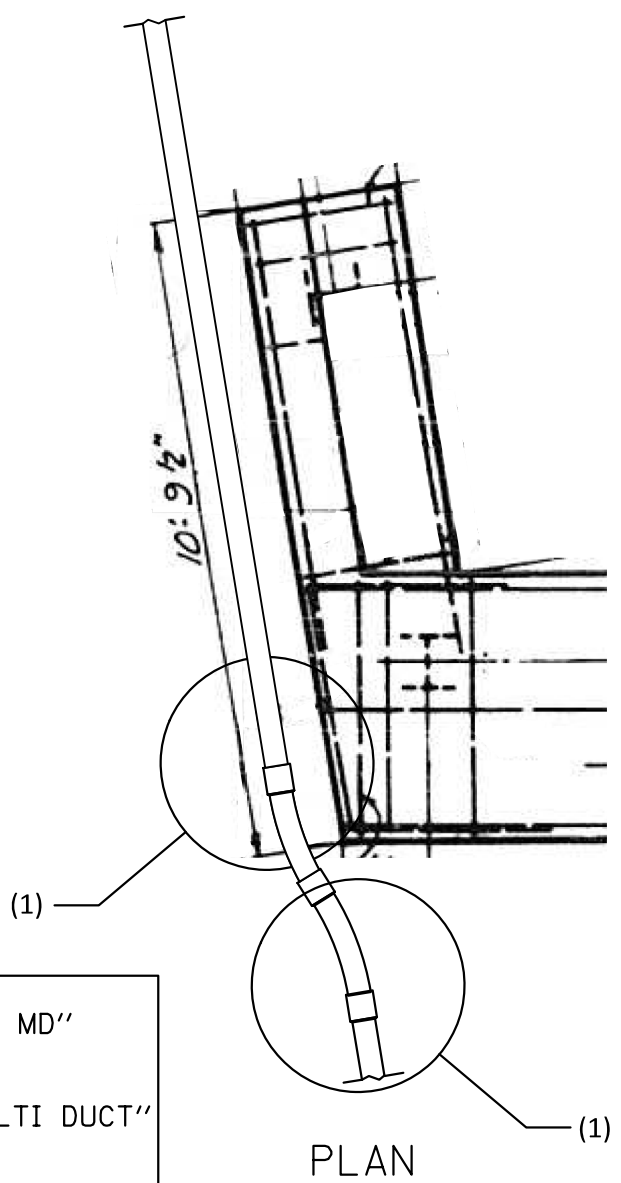
I-270 BRIDGE OVER WENDELL BRANCH EB  
CONDUIT DETAILS 2 OF 3

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	23
CONTRACT NO. 76G96				
ILLINOIS FED. AID PROJECT				



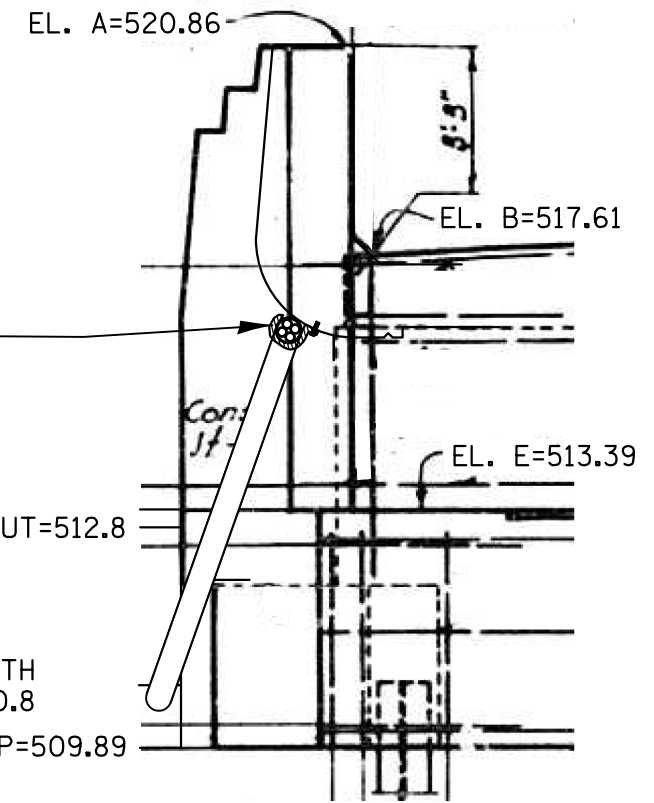
WING WALL ELEVATION



PLAN

(1) SPLICE "UNDRGRD C PVC 4 MD" TO "COND ATT STR 4 FBR MD" 2' MIN. BELOW EXISTING GROUND ELEVATION AND SPLICE "COND ATT STR 4 FBR MD" TO "CON AT ST 4.0 MULTI DUCT" 10' BEYOND THE TOP OF THE SLOPEWALL

COND ATT STR  
4 FBR MD &  
CON AT ST  
4.0 MULTI DUCT  
W/DRILLED HOLE,  
CLAMP AND  
MOUNTING HARDWARE  
(SEE GENERAL NOTE)



ELEVATION

W. ABUT (EB)

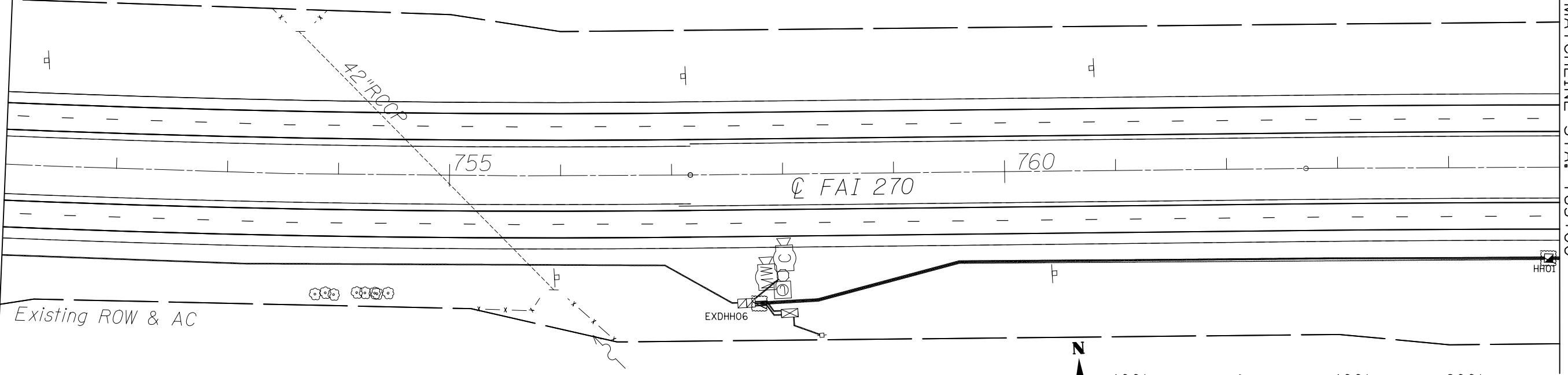
FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>I-270 BRIDGE OVER WENDELL BRANCH EB CONDUIT DETAILS 3 OF 3</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\prestonme\d0376693\d876g96-sht-ITS.dgn	DRAWN -	REVISED -	270/70			DIST 8 ITS 2015-1	MADISON	40	24	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 76G96							
PLOT DATE = 3/27/2015	DATE -	REVISED -	ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.



Existing ROW & AC

Existing ROW & AC

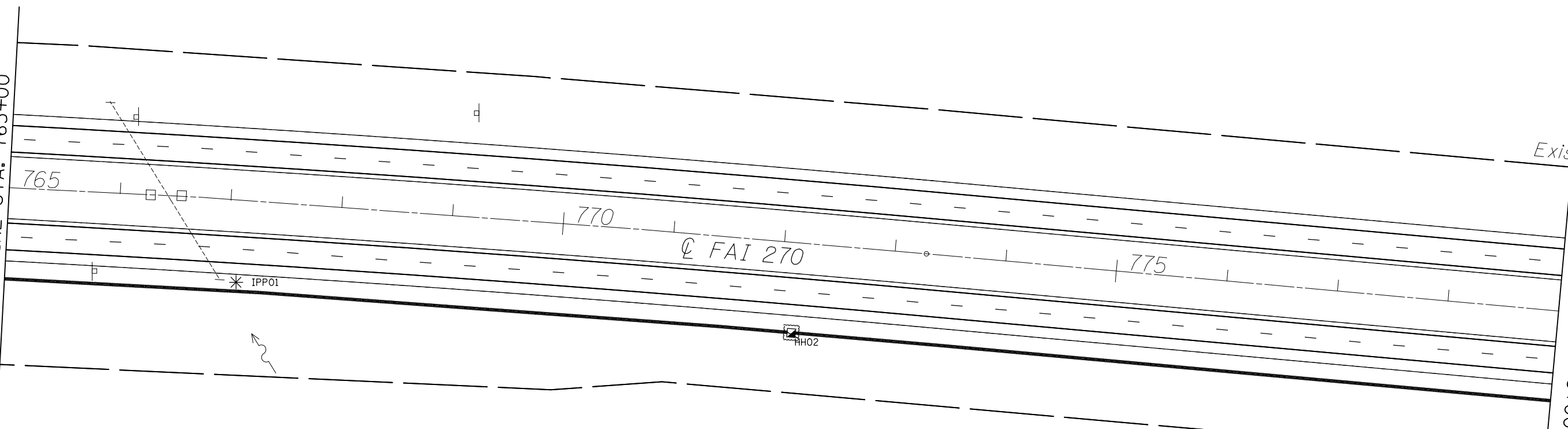
MATCHLINE STA. 765+00



MATCHLINE STA. 765+00

Exis

MATCHLINE STA. 779+00



\* SEE INLET AND PIPE PROTECTION INSTALLATION GENERAL NOTE

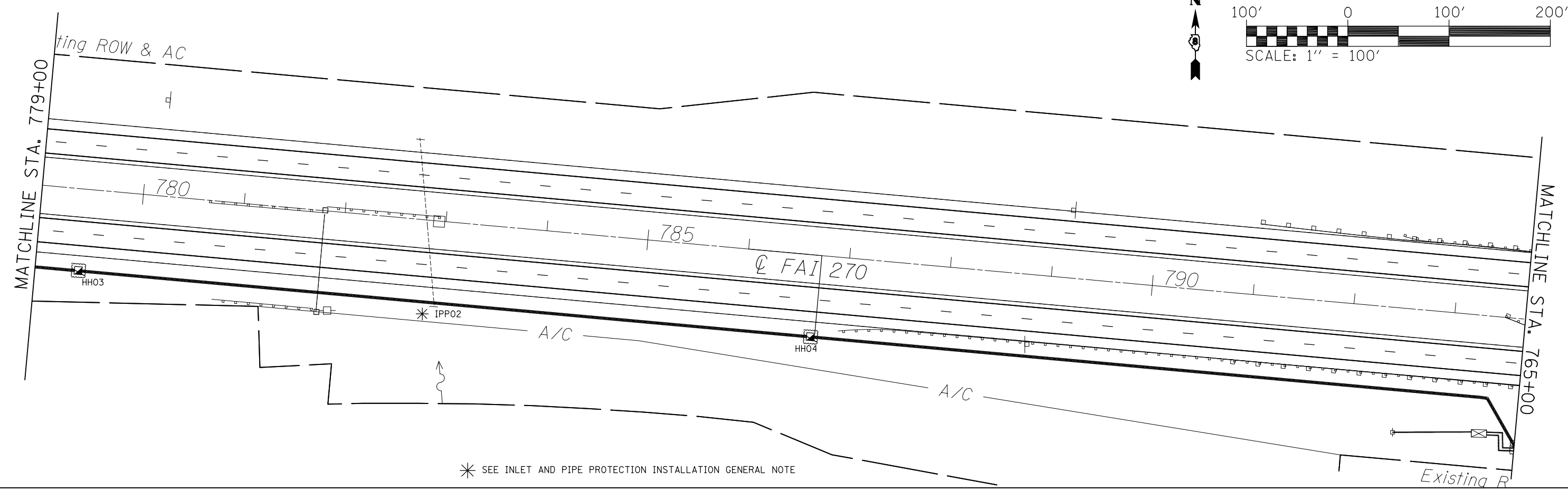
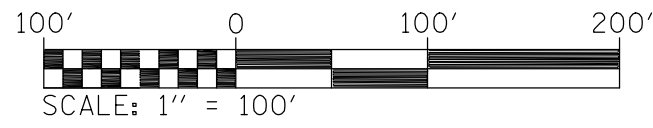
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

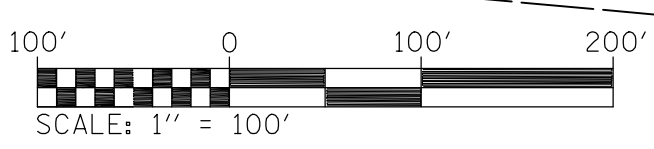
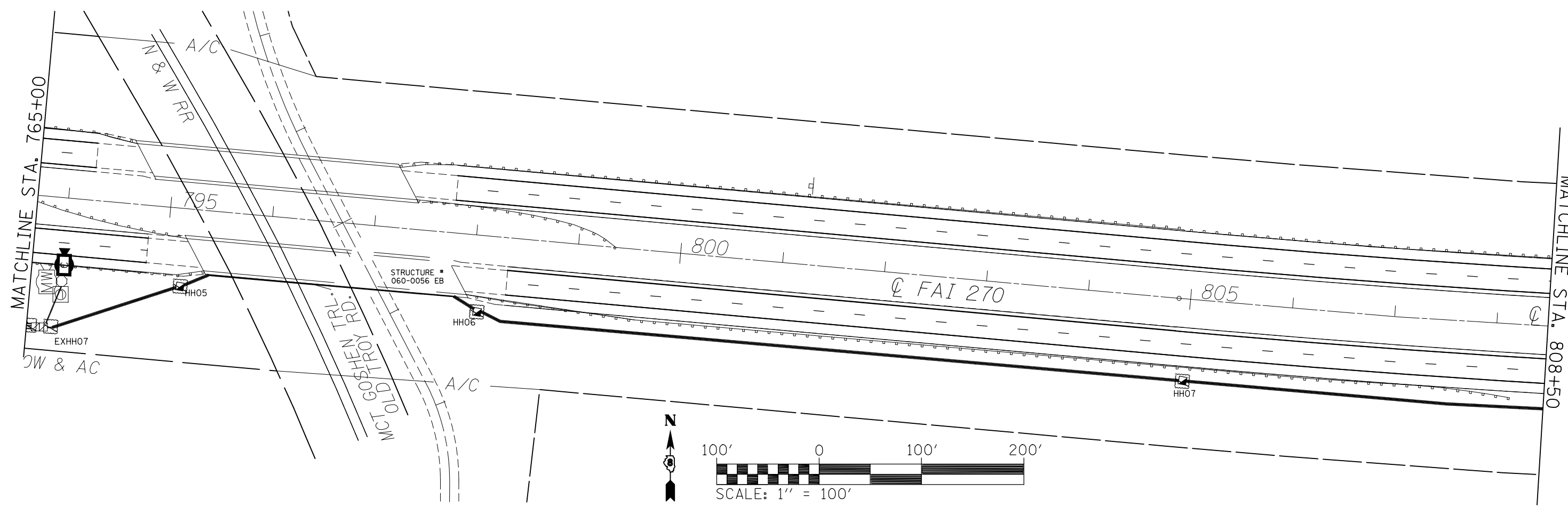
**EROSION CONTROL PLAN 1A & 1B OF 9**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	25
CONTRACT NO. 76C96				
ILLINOIS FED. AID PROJECT				



\* SEE INLET AND PIPE PROTECTION INSTALLATION GENERAL NOTE



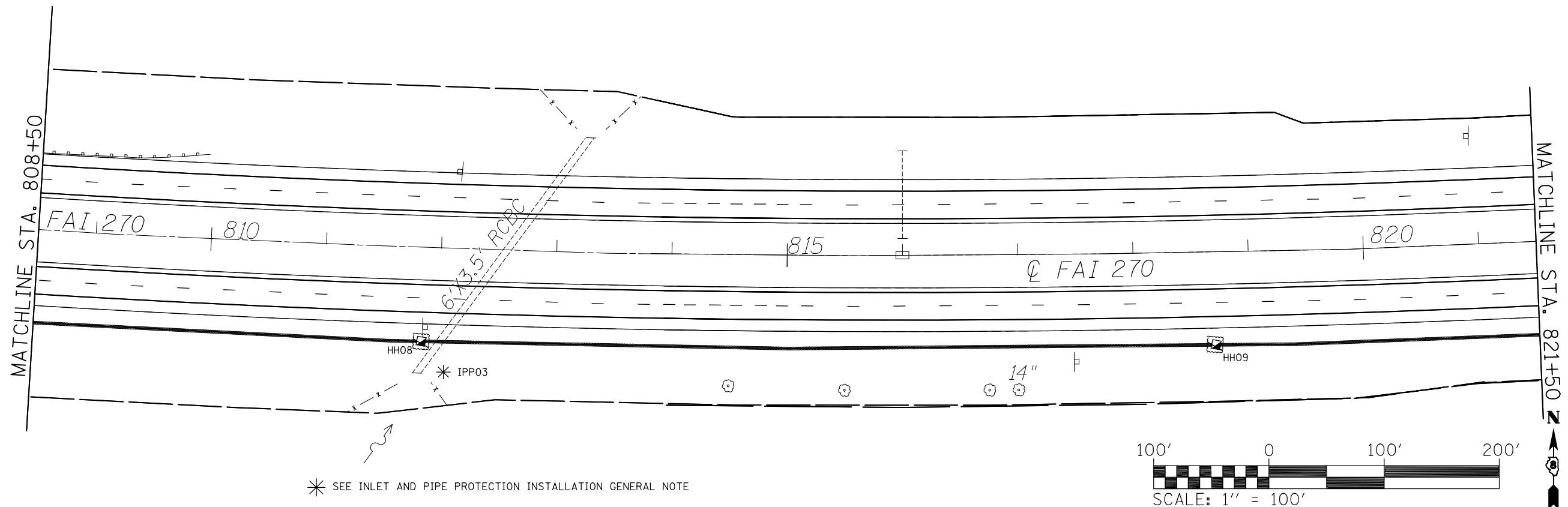
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	PLOT DATE = 3/27/2015	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

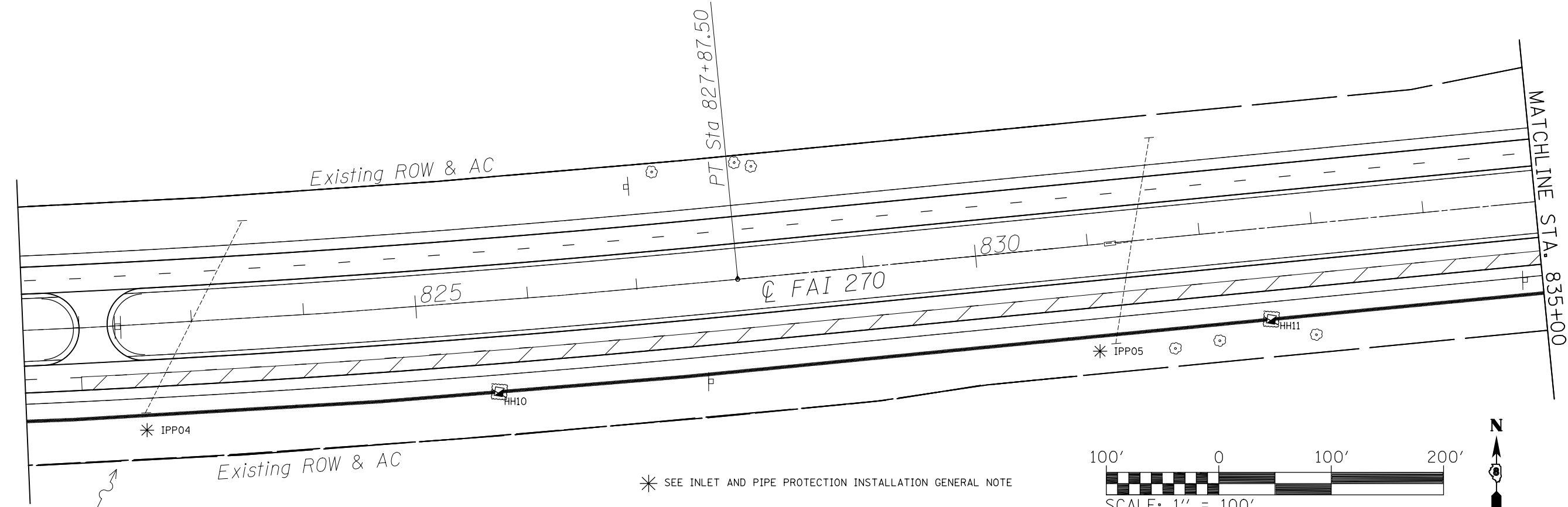
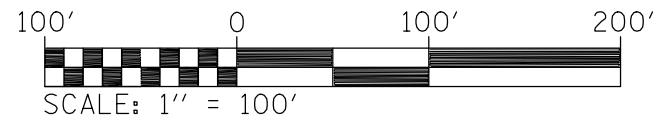
EROSION CONTROL PLAN 2A & 2B OF 9

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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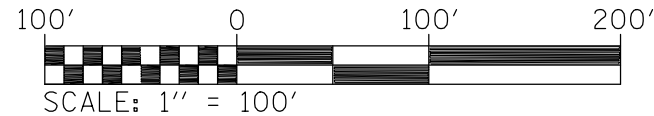
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	26
CONTRACT NO. 76C96				
ILLINOIS FED. AID PROJECT				



\* SEE INLET AND PIPE PROTECTION INSTALLATION GENERAL NOTE



\* SEE INLET AND PIPE PROTECTION INSTALLATION GENERAL NOTE



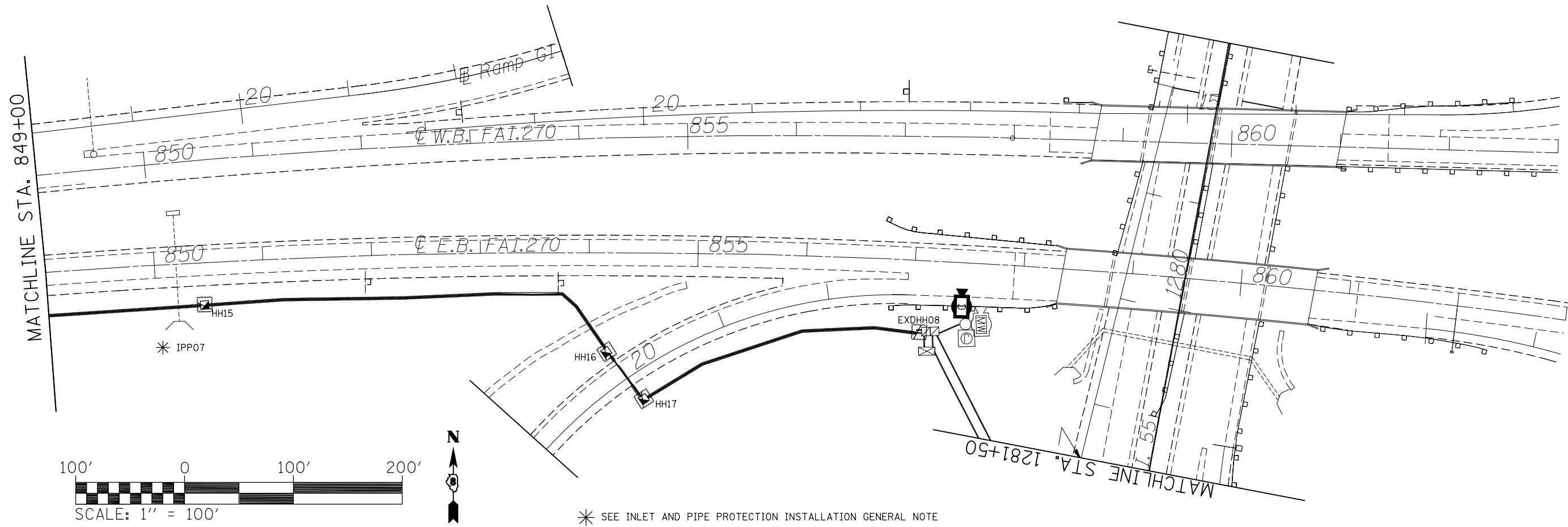
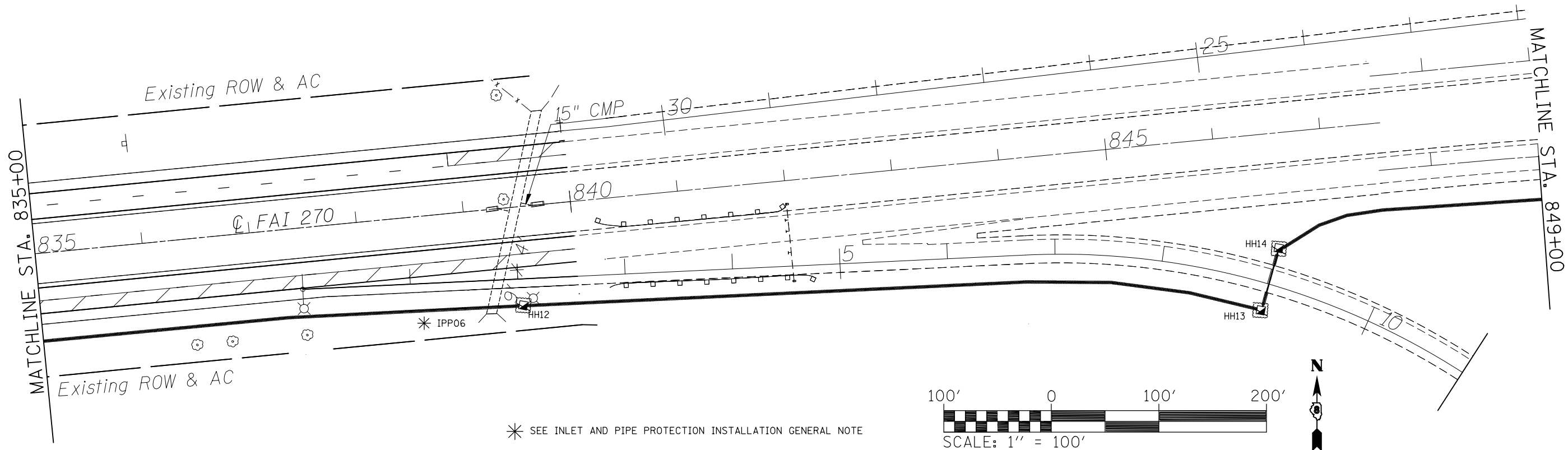
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	PLOT DATE = 3/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

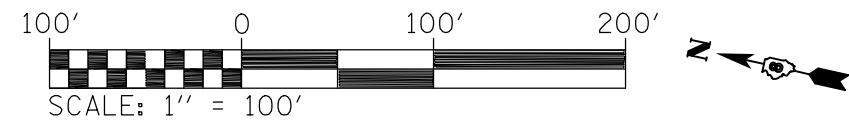
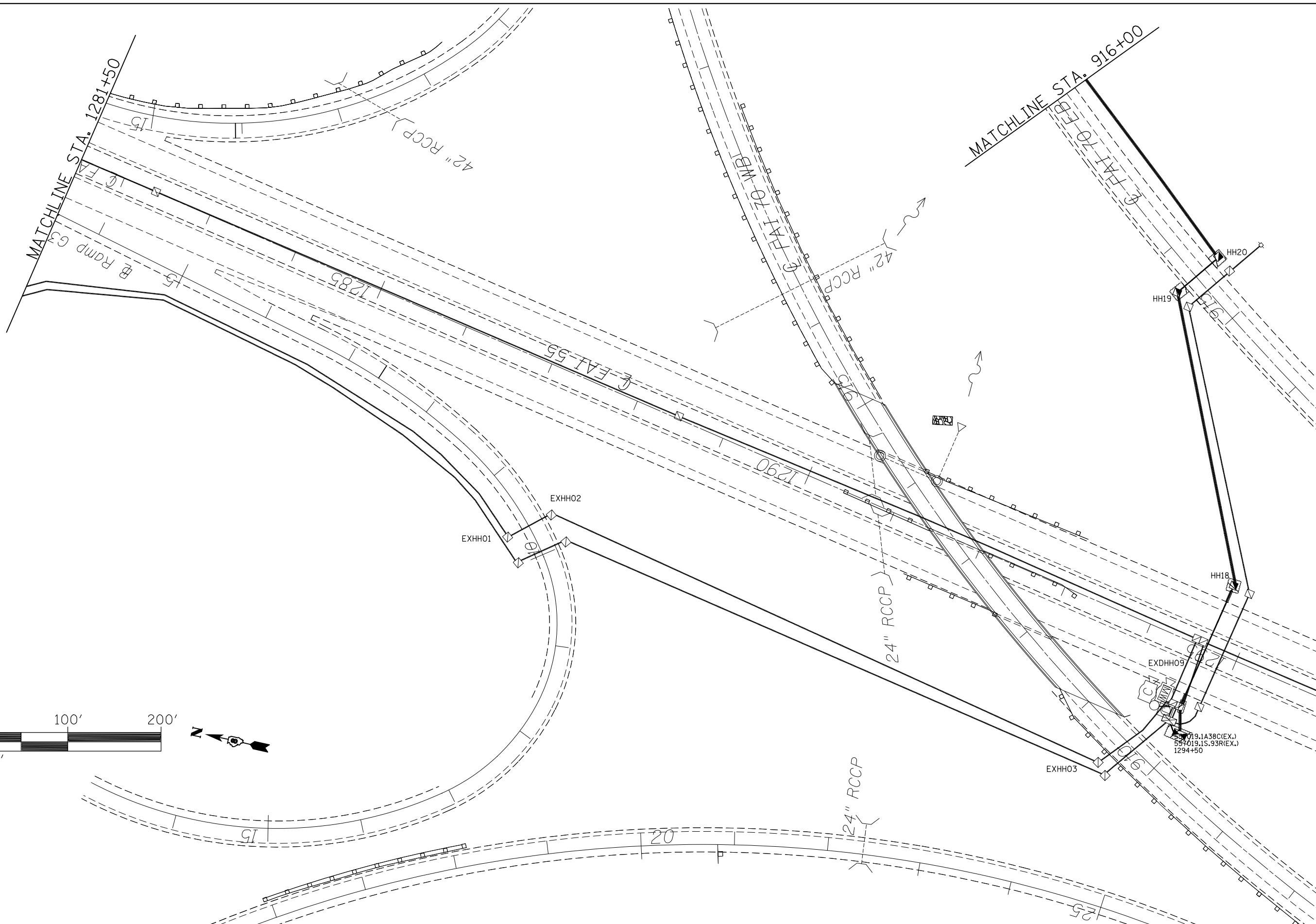
**EROSION CONTROL PLAN 3A & 3B OF 9**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	27
CONTRACT NO. 76C96				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL PLAN 4A &amp; 4B OF 9</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\prestonme\d0376693\d876g96-sht-ITS.dgn		DRAWN -	REVISED -			270/70	DIST 8 ITS 2015-1	MADISON	40	28
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -			CONTRACT NO. 76G96				
PLOT DATE = 3/27/2015		DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.



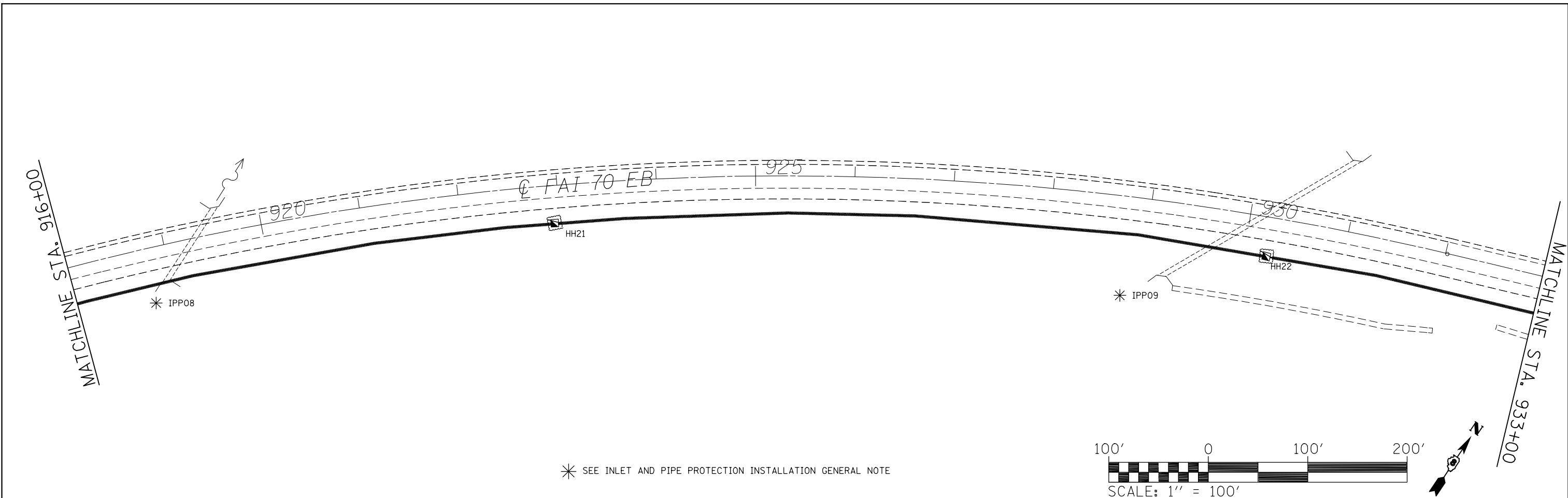
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

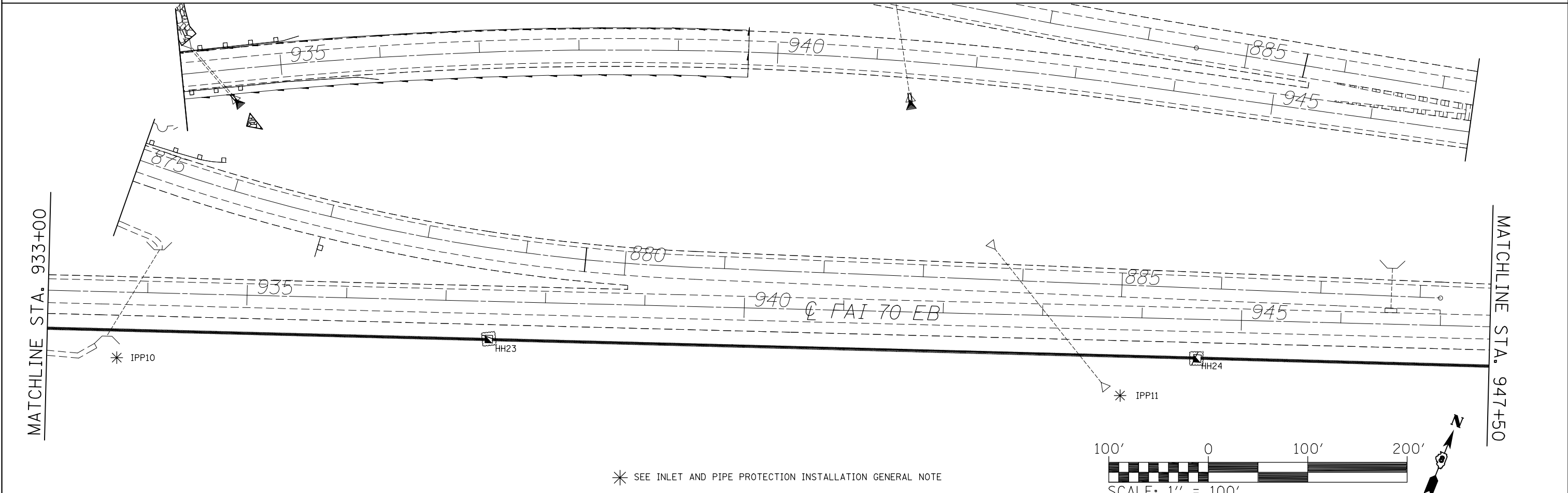
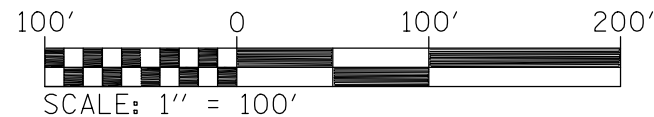
**EROSION CONTROL PLAN 5 OF 9**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

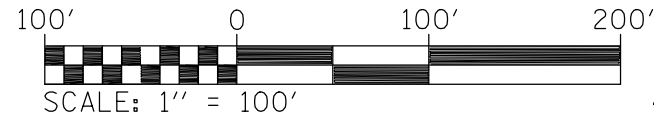
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	29
CONTRACT NO. 76C96				
ILLINOIS FED. AID PROJECT				



\* SEE INLET AND PIPE PROTECTION INSTALLATION GENERAL NOTE



\* SEE INLET AND PIPE PROTECTION INSTALLATION GENERAL NOTE



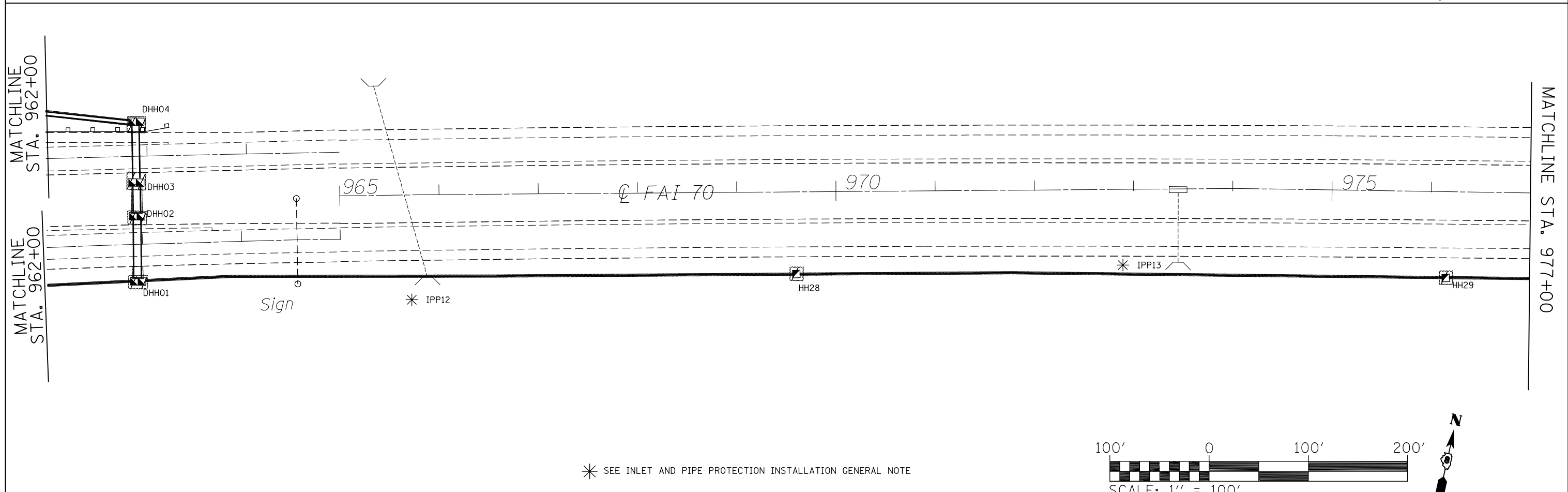
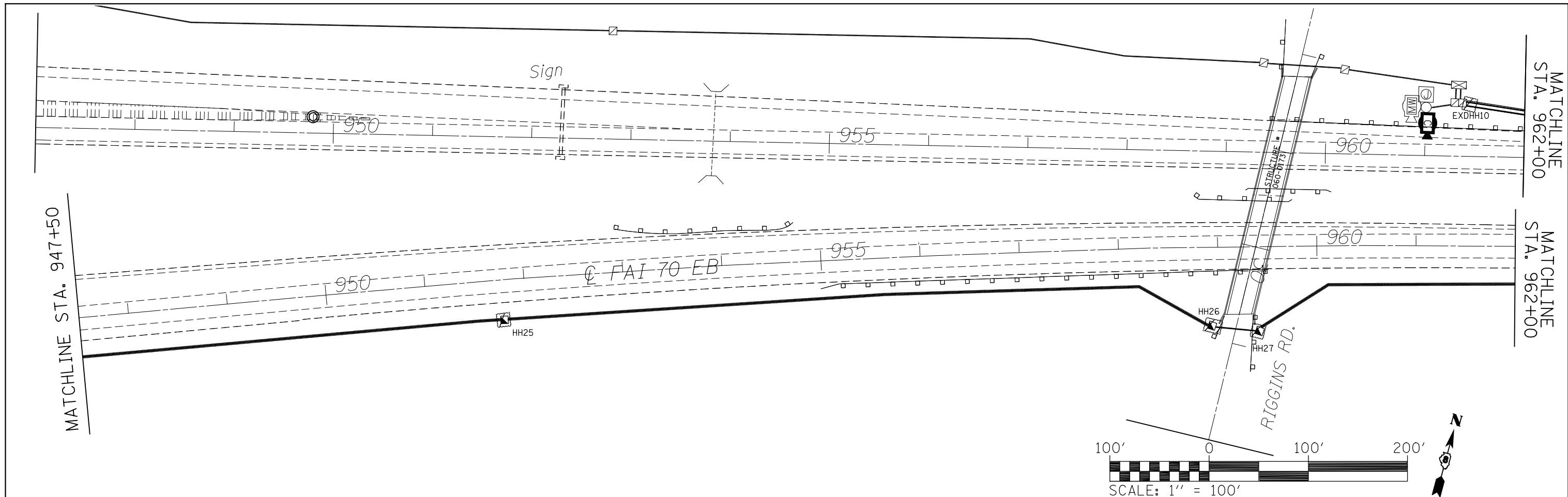
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	PLOT DATE = 3/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN 6A & 6B OF 9**

SCALE:      SHEET      OF      SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	30
CONTRACT NO. 76C96				
ILLINOIS FED. AID PROJECT				



\* SEE INLET AND PIPE PROTECTION INSTALLATION GENERAL NOTE

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	PLOT DATE = 3/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

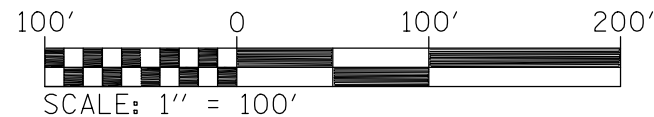
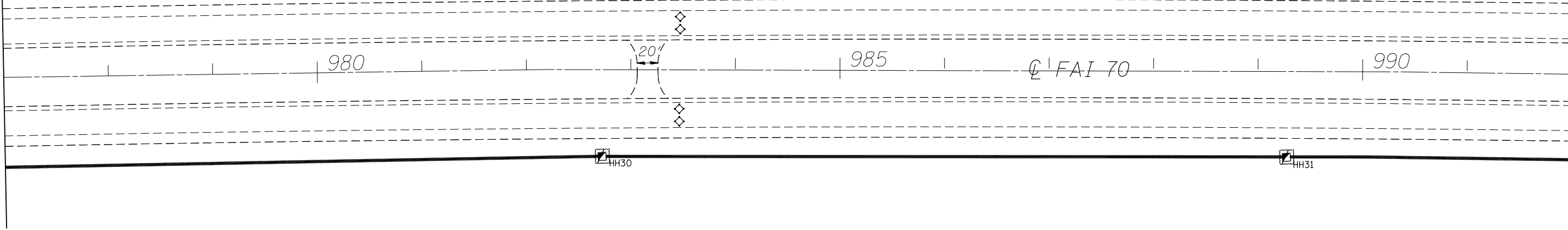
**EROSION CONTROL PLAN 7A & 7B OF 9**

SCALE:      SHEET      OF      SHEETS      STA.      TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	31
CONTRACT NO. 76G96				
ILLINOIS FED. AID PROJECT				

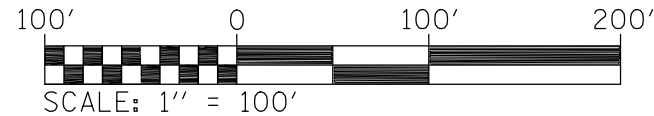
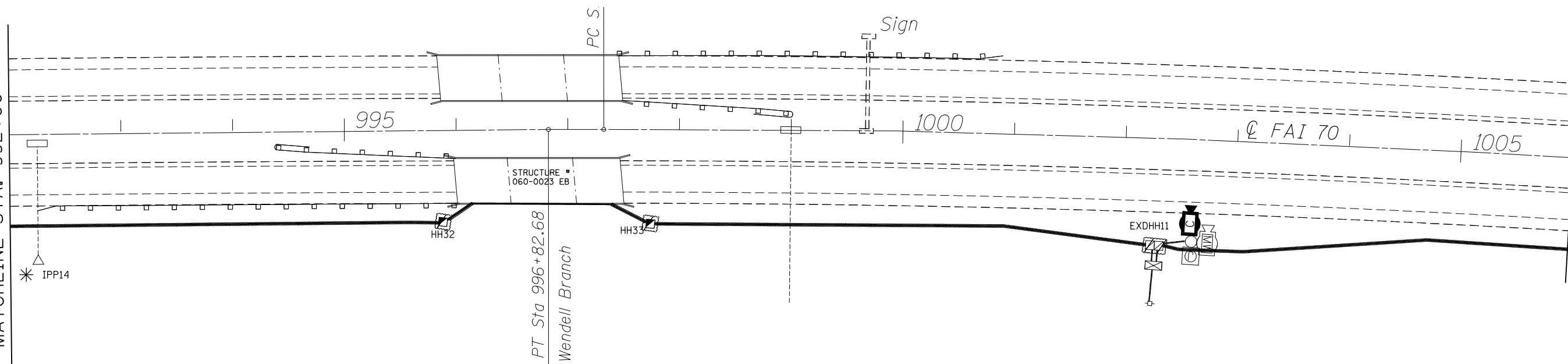
MATCHLINE STA. 977+00

MATCHLINE STA. 992+00



MATCHLINE STA. 992+00

MATCHLINE STA. 1005+00



\* SEE INLET AND PIPE PROTECTION INSTALLATION GENERAL NOTE

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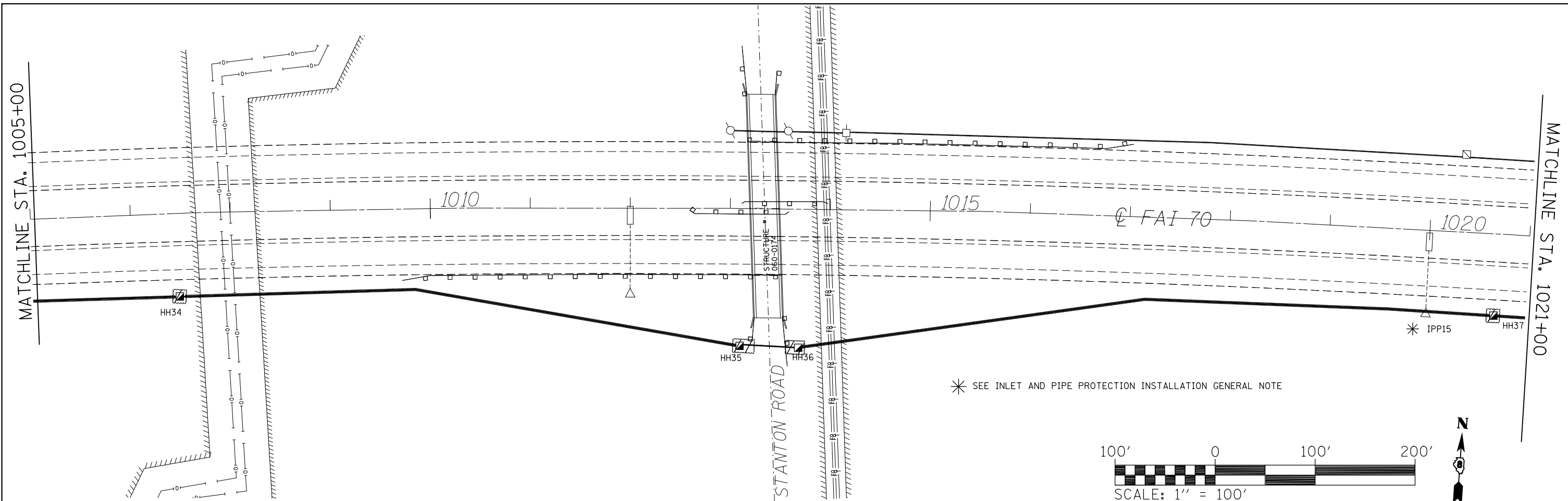
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL PLAN 8A & 8B OF 9**

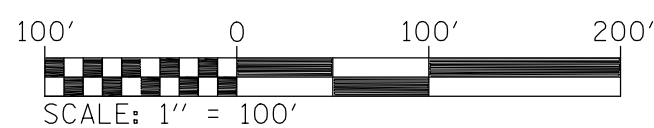
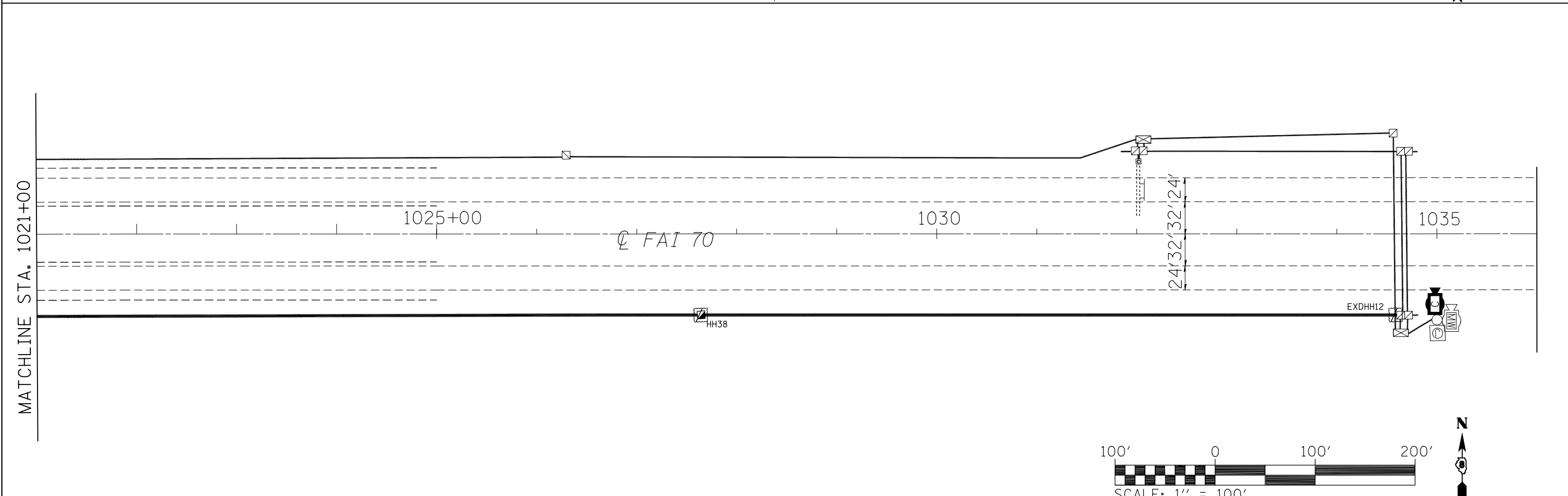
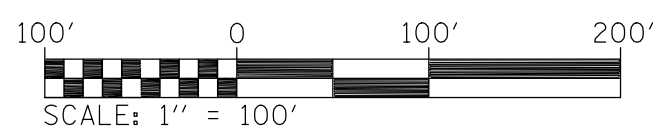
SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	32
CONTRACT NO. 76C96				
ILLINOIS FED. AID PROJECT				



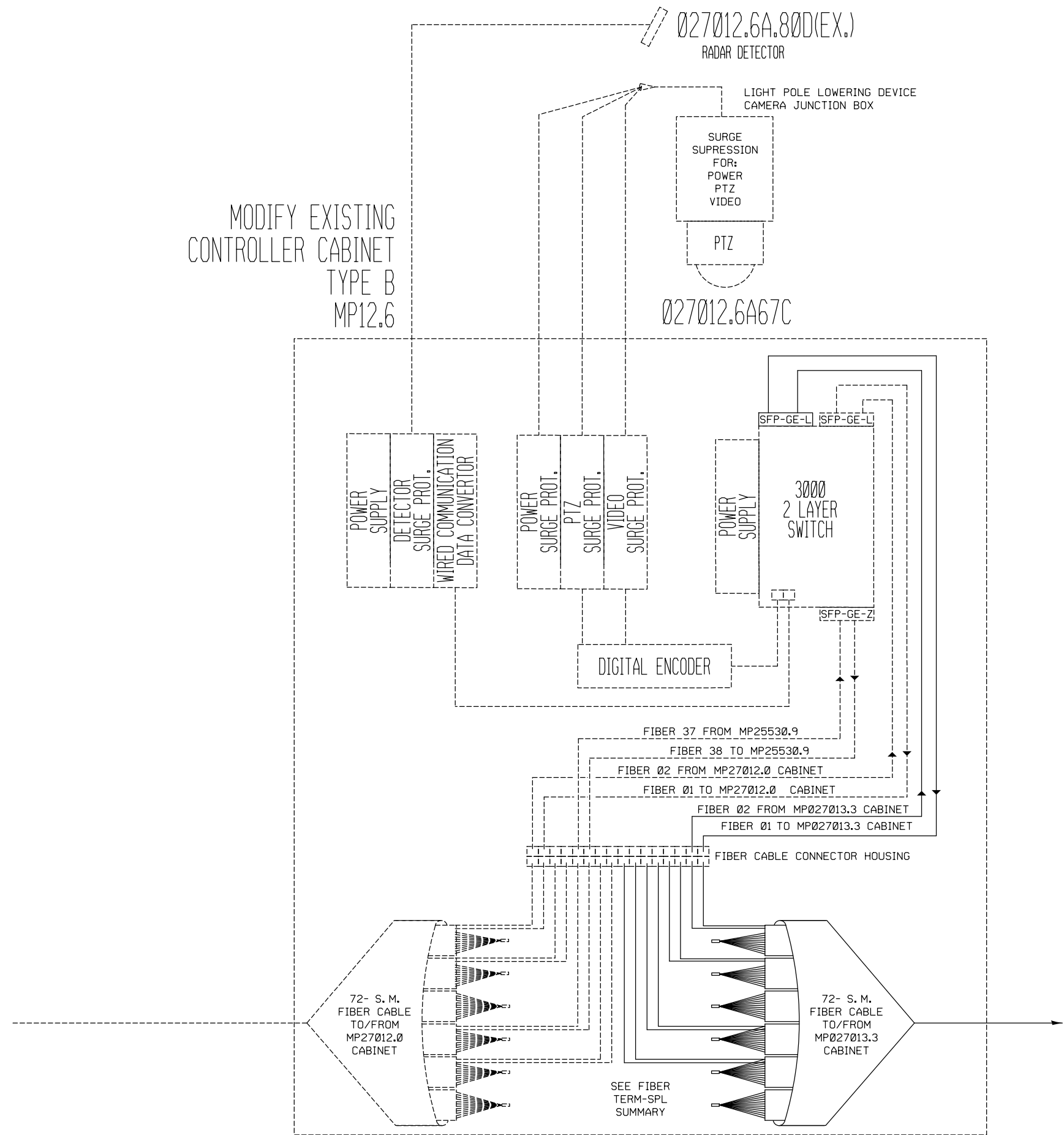


\* SEE INLET AND PIPE PROTECTION INSTALLATION GENERAL NOTE



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PLOT DATE = 3/27/2015	DATE -	REVISED -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	

MODIFY EXISTING  
CONTROLLER CABINET  
TYPE B  
MP12.6



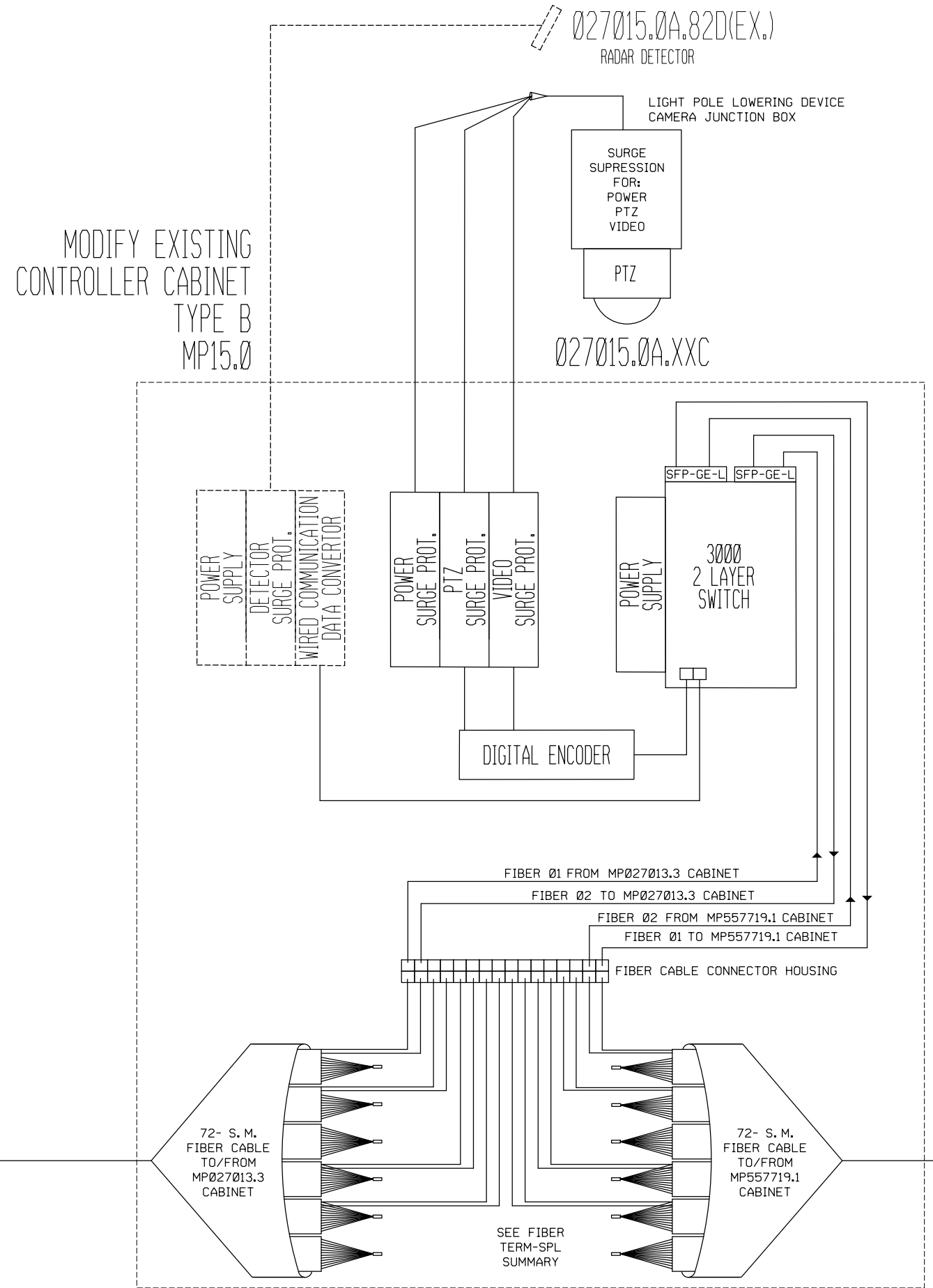
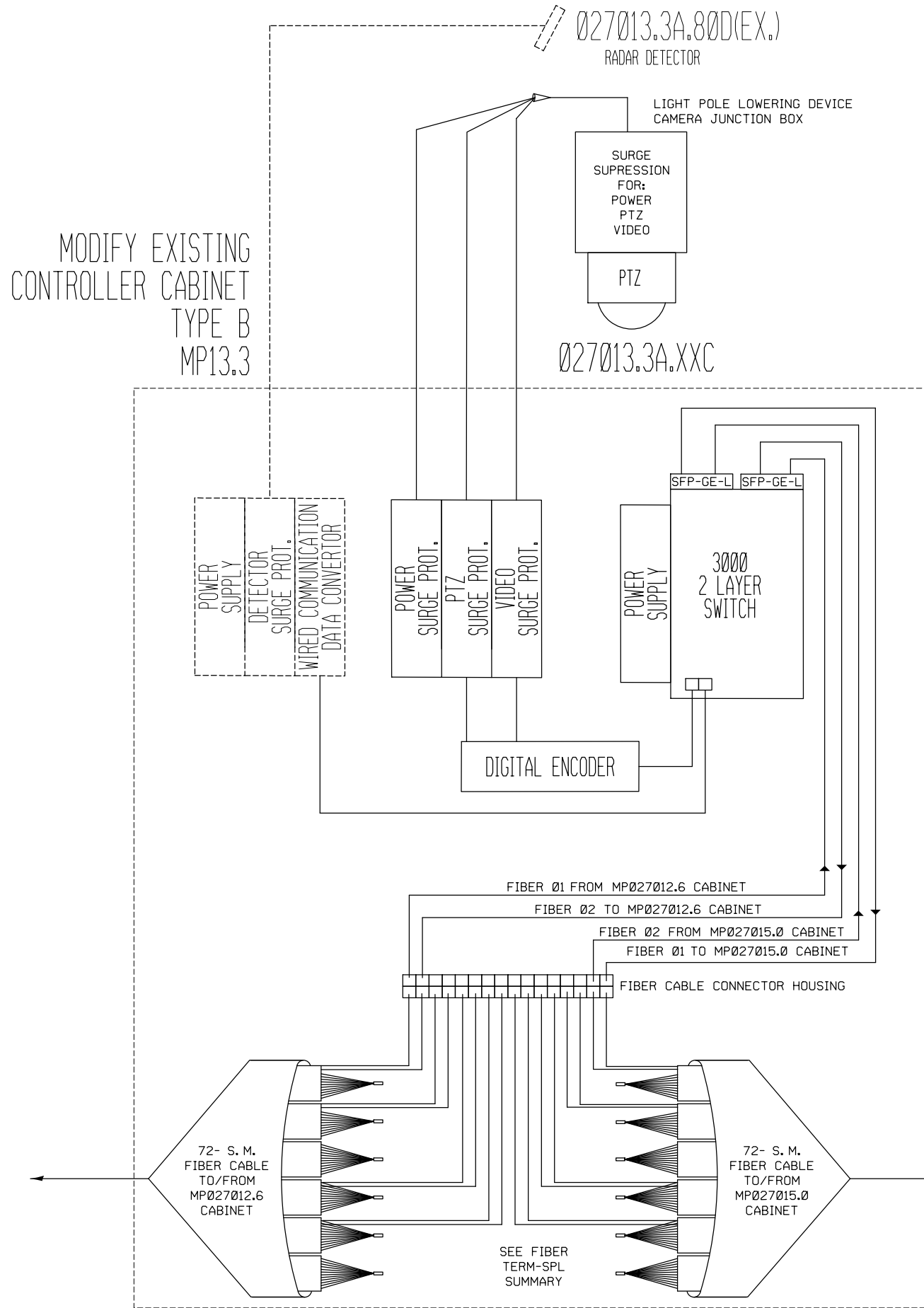
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	PLOT DATE = 3/27/2015	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

COMMUNICATION SHEET 1 OF 5  
MPØ27Ø12.6 CABINET TO MPØ27Ø13.3 CABINET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	34
CONTRACT NO. 76G96			ILLINOIS FED. AID PROJECT	



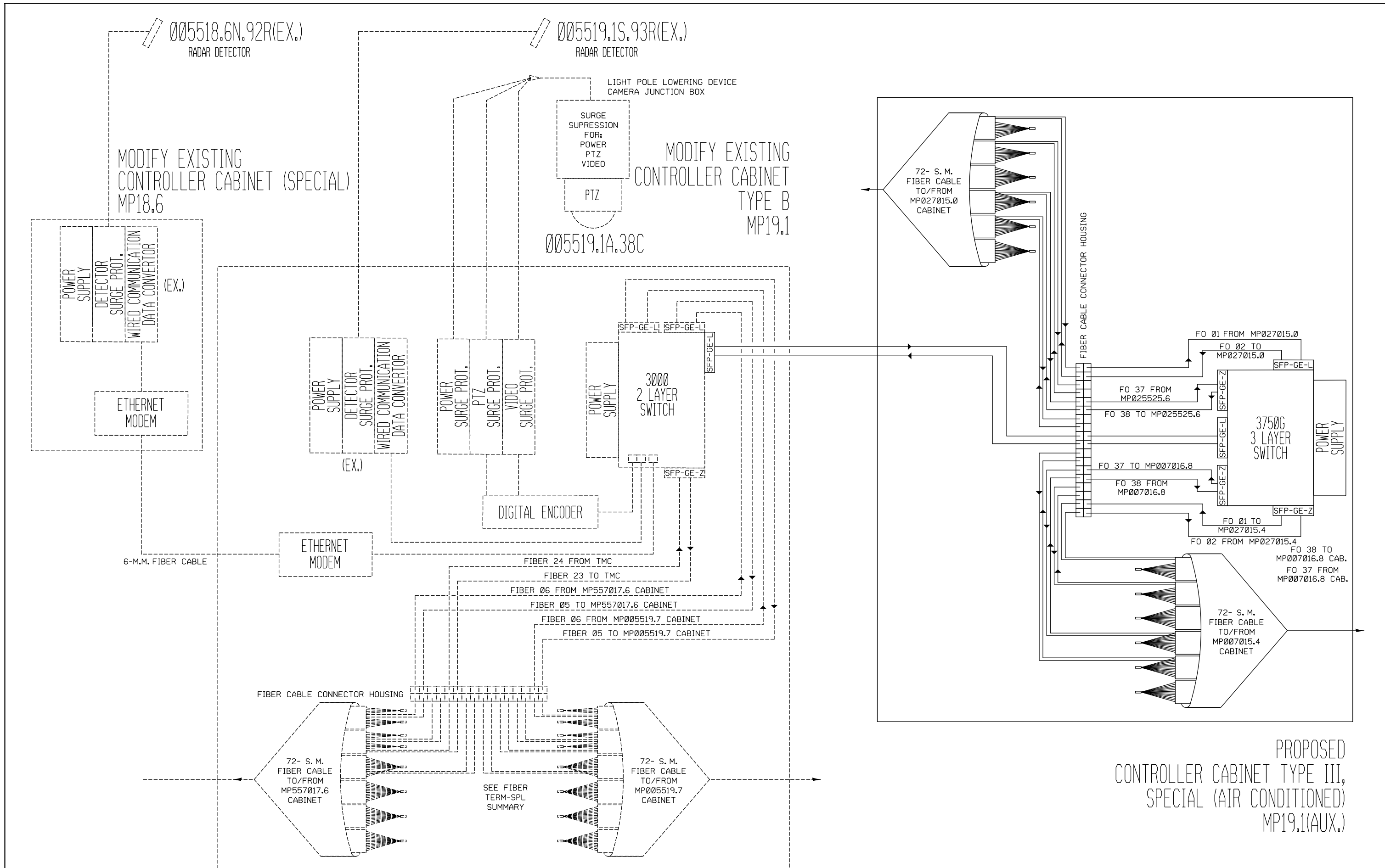
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	PLOT DATE = 3/27/2015	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUNICATION SHEET 2 OF 5  
MPØ27Ø13.3 CABINET TO MPØ27Ø15.Ø CABINET**

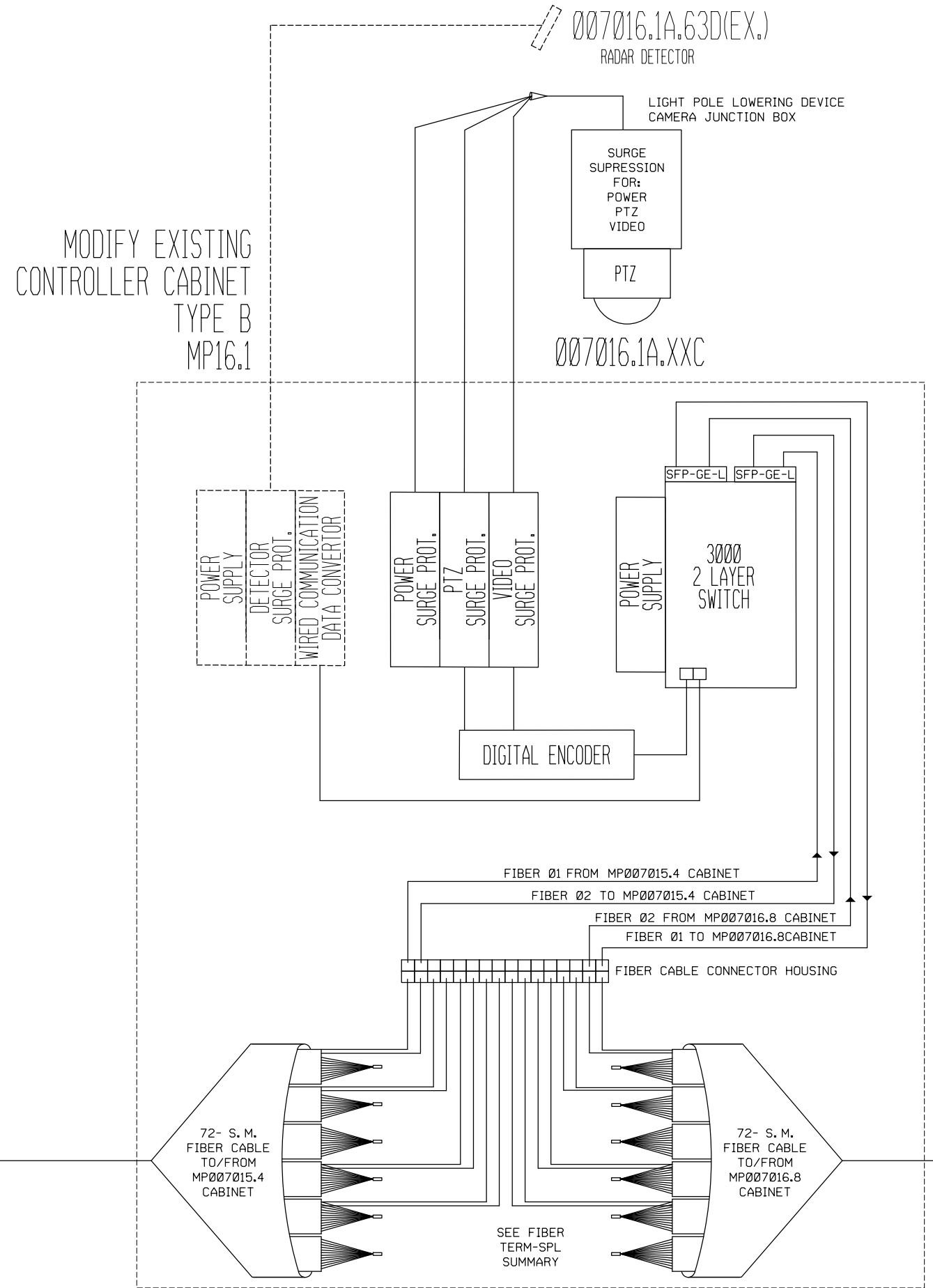
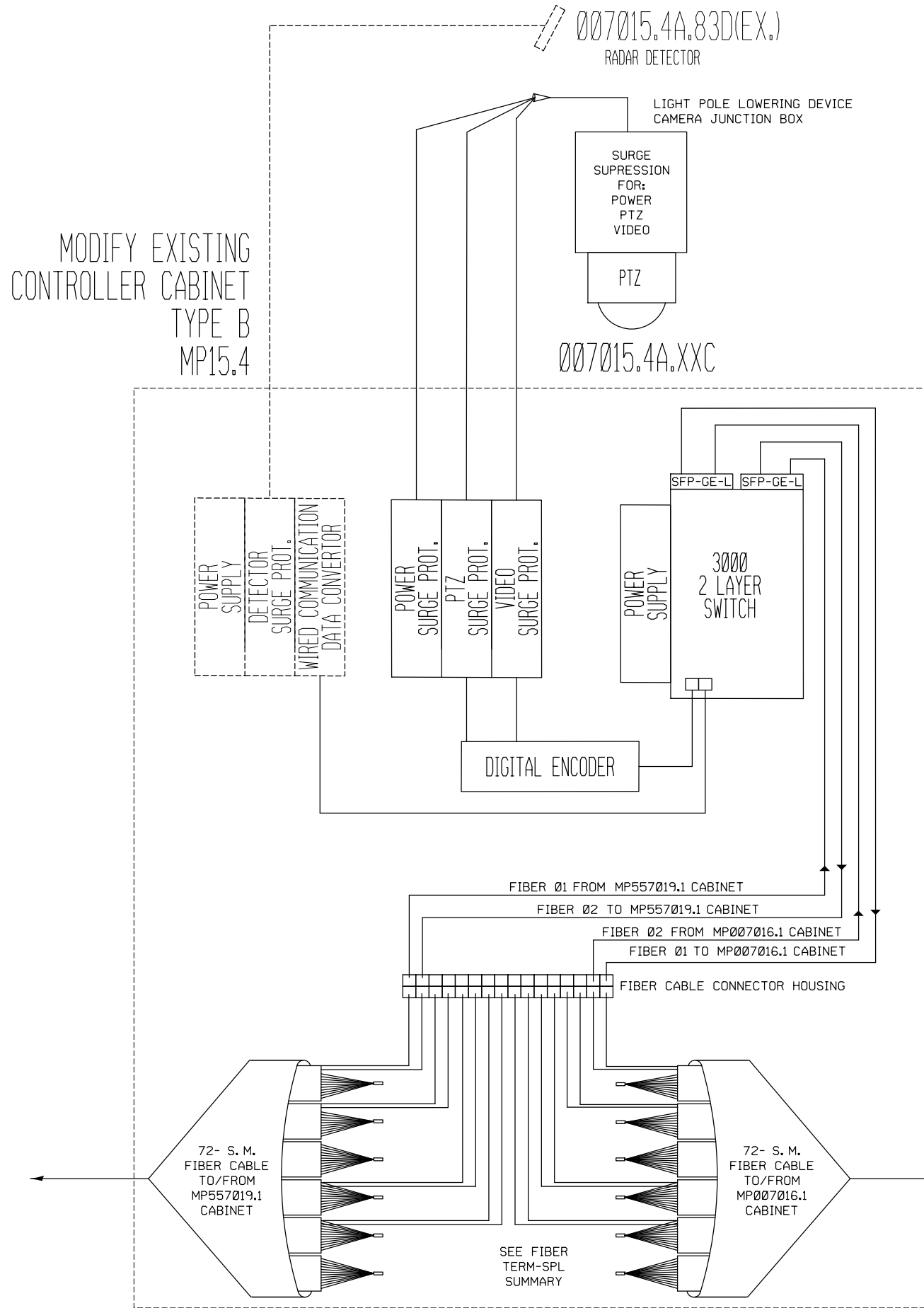
SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	35
CONTRACT NO. 76C96				
ILLINOIS FED. AID PROJECT				



PROPOSED  
 CONTROLLER CABINET TYPE III,  
 SPECIAL (AIR CONDITIONED)  
 MP19.1(AUX.)

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	COMMUNICATION SHEET 3 OF 5 MP027015.0 CABINET TO MP557719.1 CABINET TO MPO07015.4 CABINET			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\idot\prestonme\d0376693\d076g96\sh-t-ITS.dgn		DRAWN -	REVISED -		270/70	DIST 8 ITS 2015-1	MADISON	40	36			
PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 76C96				
PLOT DATE = 3/27/2015		DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



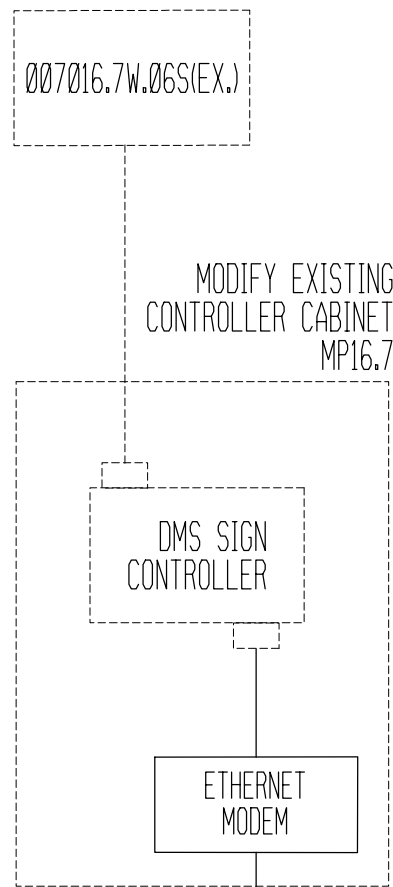
FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
et:\pw\work\p\idot\prestonme\d0376693\d076996-sht-ITS.dgn		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/27/2015	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

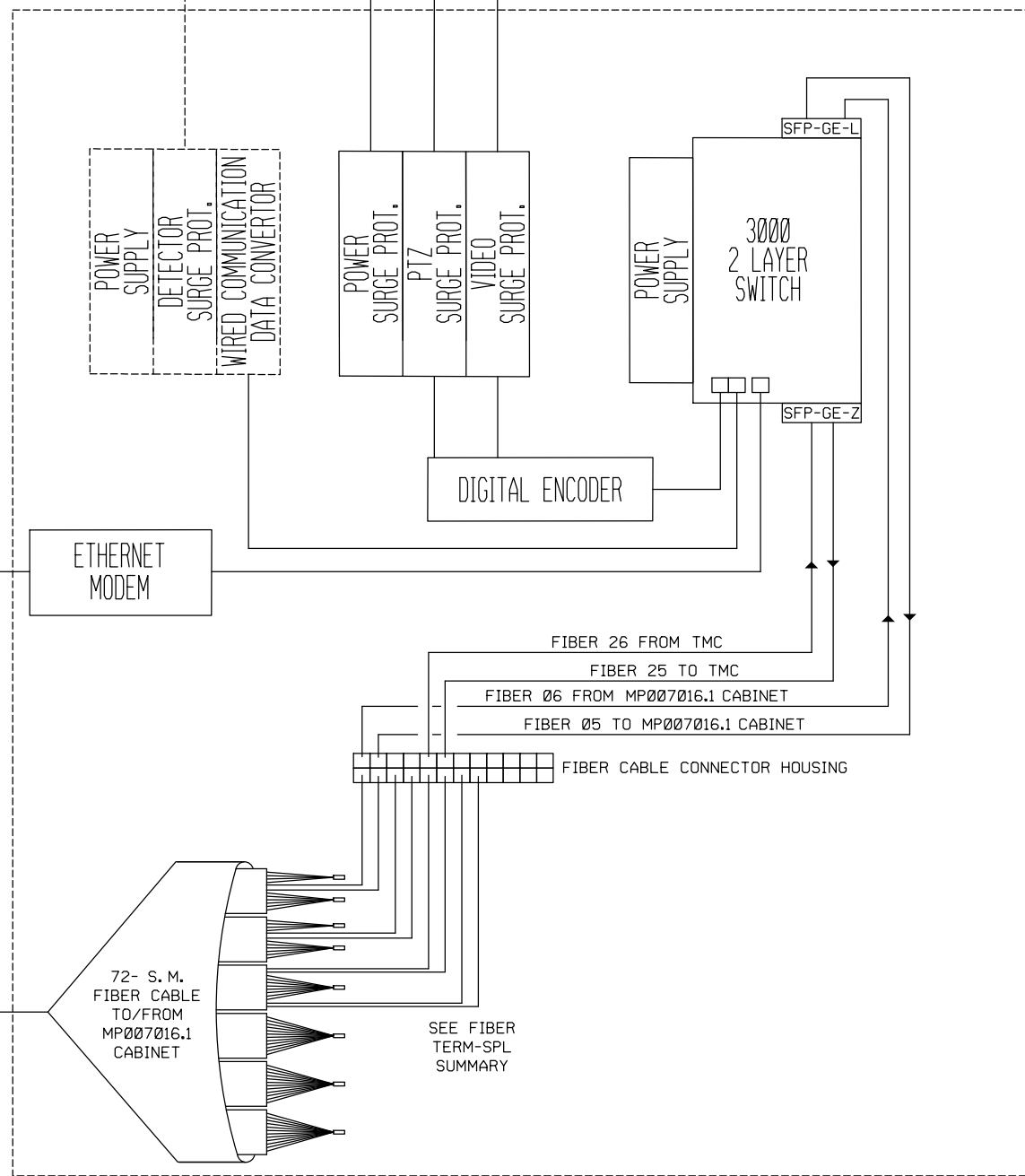
COMMUNICATION SHEET 4 OF 5  
MP007015.4 CABINET TO MP007016.1 CABINET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	37
CONTRACT NO. 76C96				
ILLINOIS FED. AID PROJECT				



MODIFY EXISTING  
CONTROLLER CABINET  
TYPE B  
MP16.8



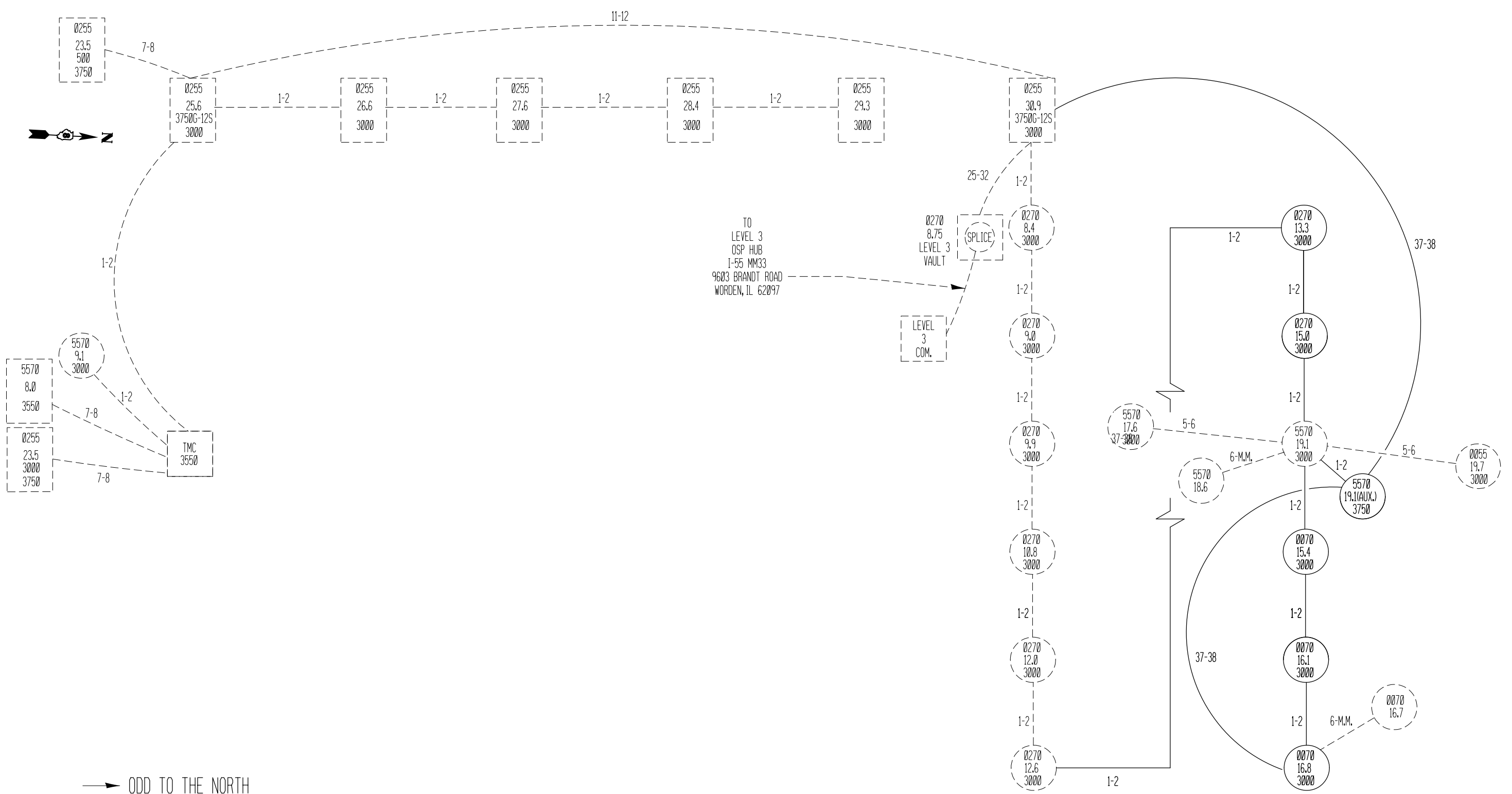
FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
c:\pwwork\pwwork\prestonme\d0376693\d076996-sht-ITS.dgn		DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -
PLOT DATE = 3/27/2015		DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**COMMUNICATION SHEET 5 OF 5  
MPO07016.1 CABINET TO MPO07016.8 CABINET**

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270/70	DIST 8 ITS 2015-1	MADISON	40	38
ILLINOIS FED. AID PROJECT			CONTRACT NO. 76G96	



→ ODD TO THE NORTH  
 ← EVEN TO THE SOUTH  
 ↓ ODD TO THE EAST  
 ↑ EVEN TO THE WEST

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FIBER NETWORK DETAIL</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\p\dot\prestonme\d0376693\d076g96-shr-ITS.dgn		DRAWN -	REVISED -					270/70	DIST 8 ITS 2015-1	MADISON	40	39
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		
	PLOT DATE = 3/27/2015	DATE -	REVISED -		CONTRACT NO. 76G96							

NOTE;  
T = TERMINATE FIBER  
S = FUSION SPLICE FIBER  
E = EXISTING TERMINATED FIBER  
B = BARE (UNUSED)  
XS = BREAK EXISTING SPLICE AND  
SPLICE TO NEW FIBER  
ES = EXISTING SPLICED FIBER TO REMAIN

FIBER	LOCATION (FIBERS ON WEST SIDE)													
	027012.6		027013.3		027015.0		557019.1		007015.4		007016.1		007016.8	
1-2	E		T		T		T		T		T		T	
3-4		ES		S		S		S		S		S		S
5-6		ES		S		S		S		S		S		S
7-8		ES		S		S		S		S		S		S
9-10		ES		S		S		S		S		S		S
11-12		ES		S		S		S		S		S		S
13-14	E		T		T		T		T		T		T	
15-16		ES		S		S		S		S		S		S
17-18		ES		S		S		S		S		S		S
19-20		ES		S		S		S		S		S		S
21-22		ES		S		S		S		S		S		S
23-24		ES		S		S		S		S		S		S
25-26		ES		S		S		S		S		S		S
27-28		ES		S		S		S		S		S		S
29-30		ES		S		S		S		S		S		S
31-32		ES		S		S		S		S		S		S
33-34		ES		S		S		S		S		S		S
35-36		ES		S		S		S		S		S		S
37-38		S		S		S	T		S		S		S	
39-43		ES		S		S		S		S		S		S
44-48		S		S		S		S		S		S		S
49-50		S		S		S	T		S		S		S	
51-72		ES		S		S		S		S		S		S

FIBER	LOCATION (FIBERS ON EAST SIDE)													
	027012.6		027013.3		027015.0		557019.1		007015.4		007016.1		007016.8	
1-2	T		T		T		T		T		T		T	
3-4		S		S		S		S		S		S		
5-6		S		S		S		S		S		S		
7-8		S		S		S		S		S		S		
9-10		S		S		S		S		S		S		P
11-12		S		S		S		S		S		S	N	A
13-14	T		T		T		T		T		T		O	S
15-16		S		S		S		S		S		S		T
17-18		S		S		S		S		S		S	F	
19-20		S		S		S		S		S		S	I	H
21-22		S		S		S		S		S		S	B	E
23-24		S		S		S		S		S		S	E	R
25-26		S		S		S		S		S		S	R	E
27-28		S		S		S		S		S		S		
29-30		S		S		S		S		S		S		
31-32		S		S		S		S		S		S		
33-34		S		S		S		S		S		S		
35-36		S		S		S		S		S		S		
37-38		S		S		S	T		S		S		S	
39-43		S		S		S		S		S		S		
44-48		S		S		S		S		S		S		
49-50		S		S		S	T		S		S		S	
51-72		S		S		S		S		S		S		

LOCATION	CISCO SWITCHES 3750G	CISCO SWITCHES IE-3000-8TC	SFP MODULES		ETHERNET MODEM IFS DE72000	DIGITAL ENCODER I5110-E	DIGITAL DECODER I5110-D
			SFP-GE-L	SFP-GE-Z			
MP027012.6	0	0	1	0	0	0	0
MP027013.3	0	1	2	0	0	1	0
MP027015.0	0	1	2	0	0	1	0
MP557019.1	1	0	4	2	0	0	0
MP007015.4	0	1	2	0	0	1	0
MP007016.1	0	1	2	0	0	1	0
MP 007016.7	0	0	0	0	1	0	0
MP007016.8	0	1	1	1	1	1	0
TMC	0	0	0	0	0	0	0
<b>TOTAL:</b>	<b>1</b>	<b>5</b>	<b>14</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>0</b>