

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 ITS 2013-1	MADISON	27	1
		ILLINOIS	CONTRACT NO. 76F77	
**FAI 270/FAI 255/FAI 55/70				

INDEX OF SHEETS

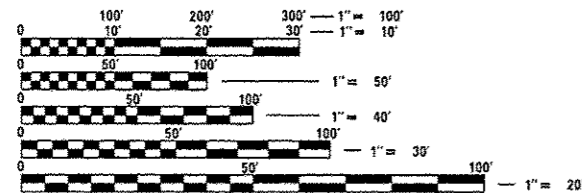
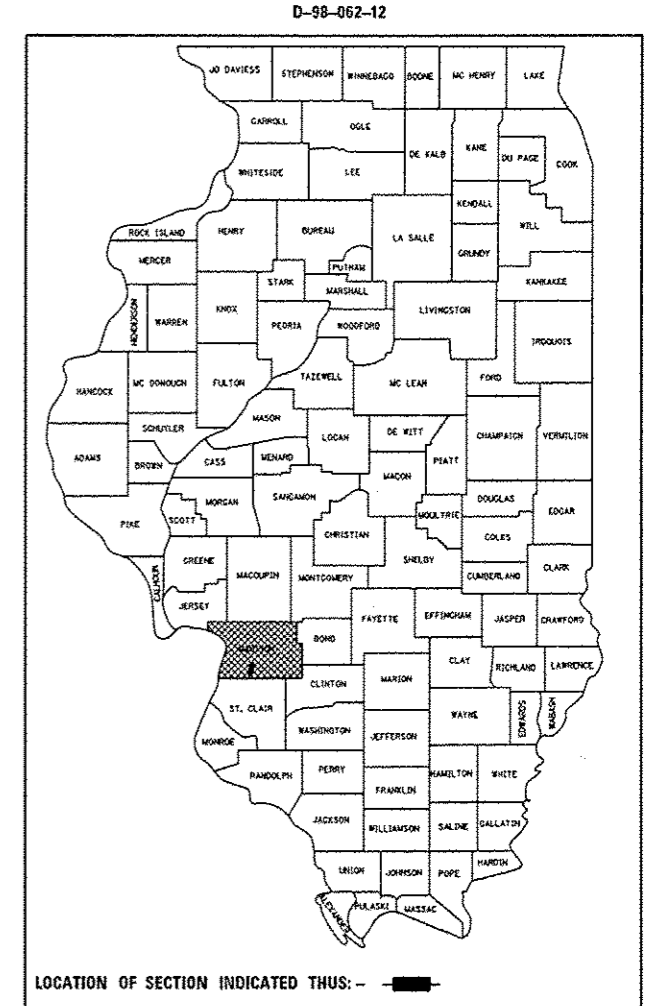
1. COVER SHEET
2. GENERAL NOTES, LEGEND AND COMMITMENTS
3. SUMMARY OF QUANTITIES
4. PLAN SHEETS KEY MAP
5. TRAFFIC DATA SCHEDULE AND LANE RESTRICTIONS SCHEDULE AND TRAFFIC CONTROL AND PROTECTION SCHEDULE
6. WARNING SIGN, PLATE AND STICKER DETAILS
- 7.-26. PLAN SHEETS
27. CONDUIT ATTACHED TO STRUCTURE (CAHOKIA CANAL)

STANDARDS

000001-06	280001-07	664001-02
701101-03	701106-02	701201-04
701400-06	701406-06	701446-04
701501-06	701501-06	701901-02
814006-02	873001-02	701454-02

**PROPOSED
HIGHWAY PLANS**
FAI 270/FAI 255/FAI 55/70 (I-270,I-255,I-55/70)
SECTION DIST 8 ITS 2013-1
MADISON COUNTY

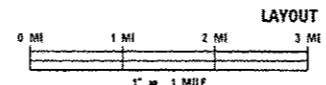
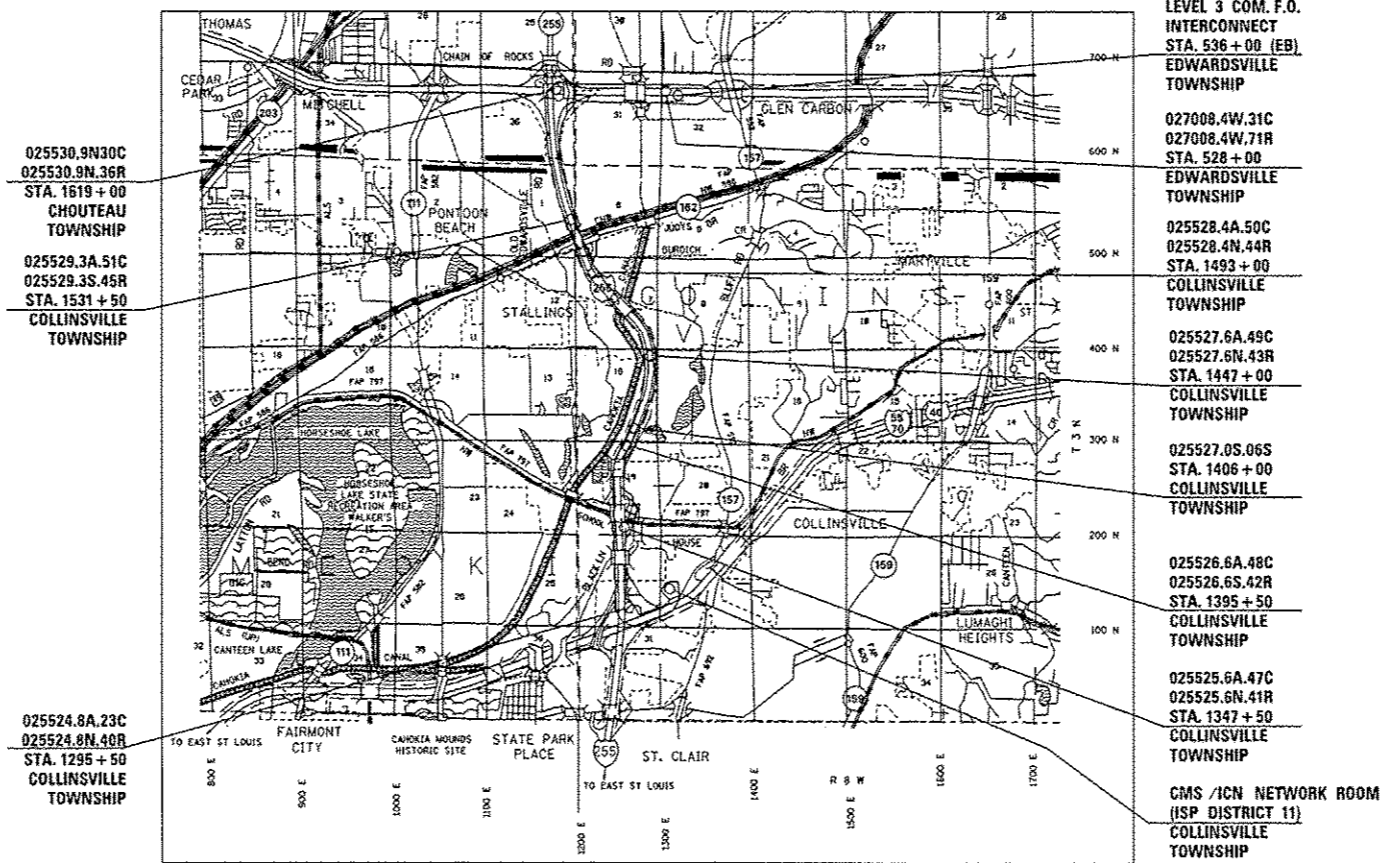
**RACEWAY, WARNING SIGNS AND FIBER OPTIC CABLE
FROM THE CMS/ICN NETWORK ROOM (ISP DISTRICT 11)
TO I-55/70 W. TO I-255 N. TO I-270 E. TO E. OF THE IL 157 RAMP
C-98-070-12**



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) 346-3118
CONTRACT NO. 76F77



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS


















SUBMITTED March 21 2013
John A. Keirns
DEPUTY DIRECTOR OF HIGHWAYS, REGION 5 ENGINEER

April 26 2013
John D. Barone, PE Jr
ENGINEER OF DESIGN AND ENVIRONMENT

April 26 2013
Omer Osman, PE Jr
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

LEGEND

-  EXISTING HANDHOLE (HHBO-HANDHOLE BY OTHERS)
-  EXISTING DOUBLE HANDHOLE
-  EXISTING CONTROLLER
-  EXISTING SERVICE INSTALLATION
-  EXISTING GALVANIZED STEEL CONDUIT
-  EXISTING RADAR DETECTOR
-  EXISTING CCTV CAMERA
-  EXISTING ITS CAMERA/DETECTOR POLE
-  EXISTING FIBER OPTIC CABLE IN CONDUIT
-  EXISTING JUNCTION BOX
-  EXISTING SIGN TRUSS
-  EXISTING HIGHWAY LIGHTING UNIT
-  EXISTING UNDERGROUND LIGHTING CABLES
-  PROPOSED HANDHOLE (HH)
-  PROPOSED FIBER OPTIC CABLE IN CONDUIT
-  PROPOSED FIBER OPTIC UTILITY MARKER (UM)
-  PROPOSED GUARD RAIL WARNING PLATE (WP)
- UNDRGRD C CNC 1 1/2 UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.
- CON AT ST 1.5 GS PVC CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., PVC COATED GALVANIZED STEEL
- UNDRGRD C GALVS 1 1/2 UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.

GENERAL NOTES

1. UNDERGROUND CONDUIT, GALVANIZED STEEL SHALL BE FURNISHED AND INSTALLED TO COMPLETE UNDERGROUND RACEWAY BETWEEN BRIDGE CONDUIT ATTACHED TO STRUCTURE AND ADJACENT HANDHOLE.
2. 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.
HIGHWAY LIGHTING/PUMP STATIONS: D. WALKER (618-346-3274)
ITS FACILITIES: L. LEONARD (618-346-3285)
3. ALL HANDHOLES SHALL BE CONSTRUCTED OF PORTLAND CEMENT CONCRETE PER SECTION 814 OF THE STANDARD SPECIFICATIONS. THE LEGEND ON THE COVER SHALL BE "CMS/IGN". SLOPE HANDHOLE TO MATCH FINAL GRADE ELEVATION.
4. ALL UTILITIES AND DRAINAGE STRUCTURES SHALL BE LOCATED IN THE FIELD PRIOR TO ANY CONSTRUCTION. THE COST FOR LOCATING DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR UNDERGROUND CONDUIT.
5. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:
AMEREN ILLINOIS (GAS & ELECTRIC)•
AT&T ILLINOIS (COMMUNICATIONS)•
AT&T CORPORATION (COMMUNICATIONS)•
CENTERPOINT ENERGY (PIPELINE)•
CHARTER COMMUNICATIONS, INC. (CABLE TV)•
CITY OF COLLINSVILLE (WATER AND SANITARY SEWER)•
CONSOLIDATED COMMUNICATIONS, INC. (COMMUNICATIONS)•
VILLAGE OF GLEN CARBON WATER & SANITARY (SEWER)•
ILLINOIS AMERICAN WATER COMPANY (WATER)•
ILLINOIS RURAL HEALTHNET (COMMUNICATIONS)•
LEVEL 3 COMMUNICATIONS, LLC (COMMUNICATIONS)•
MADISON COUNTY SPECIAL SERVICE AREA #1 (SANITARY SEWER)•
MITCHELL PUBLIC WATER DISTRICT (WATER)•
MCLEOD TELECOMMUNICATIONS SERVICES, LLC (COMMUNICATIONS)•
SOUTHWESTERN ELECTRIC COOPERATIVE, INC. (ELECTRIC)•

MEMBER OF J.U.L.I.E. (800-892-0123) OR 811 ARE INDICATED BY "•". NON-J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.
6. 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.
7. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND 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 FLATWORK, 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 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

COMMITMENTS

NONE

•=FAI 270/FAI 255/FAI 55/70

FILE NAME :	USER NAME : prastonne	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, COMMITMENTS AND LEGEND	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ci:\p\work\p\ridot\prastonne\0279800\076777-its-ITS.dgn		DRAWN -	REVISED -			•	DIST 8 ITS 2013-1	MADISON	27	2
	PLOT SCALE : 100.0000 ' / 1" =	CHECKED -	REVISED -		SCALE:	SHEET OF SHEETS		STA.	TO STA.	
	PLOT DATE : 3/21/2013	DATE -	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT CONTRACT NO. 76F77					

SUMMARY OF QUANTITIES

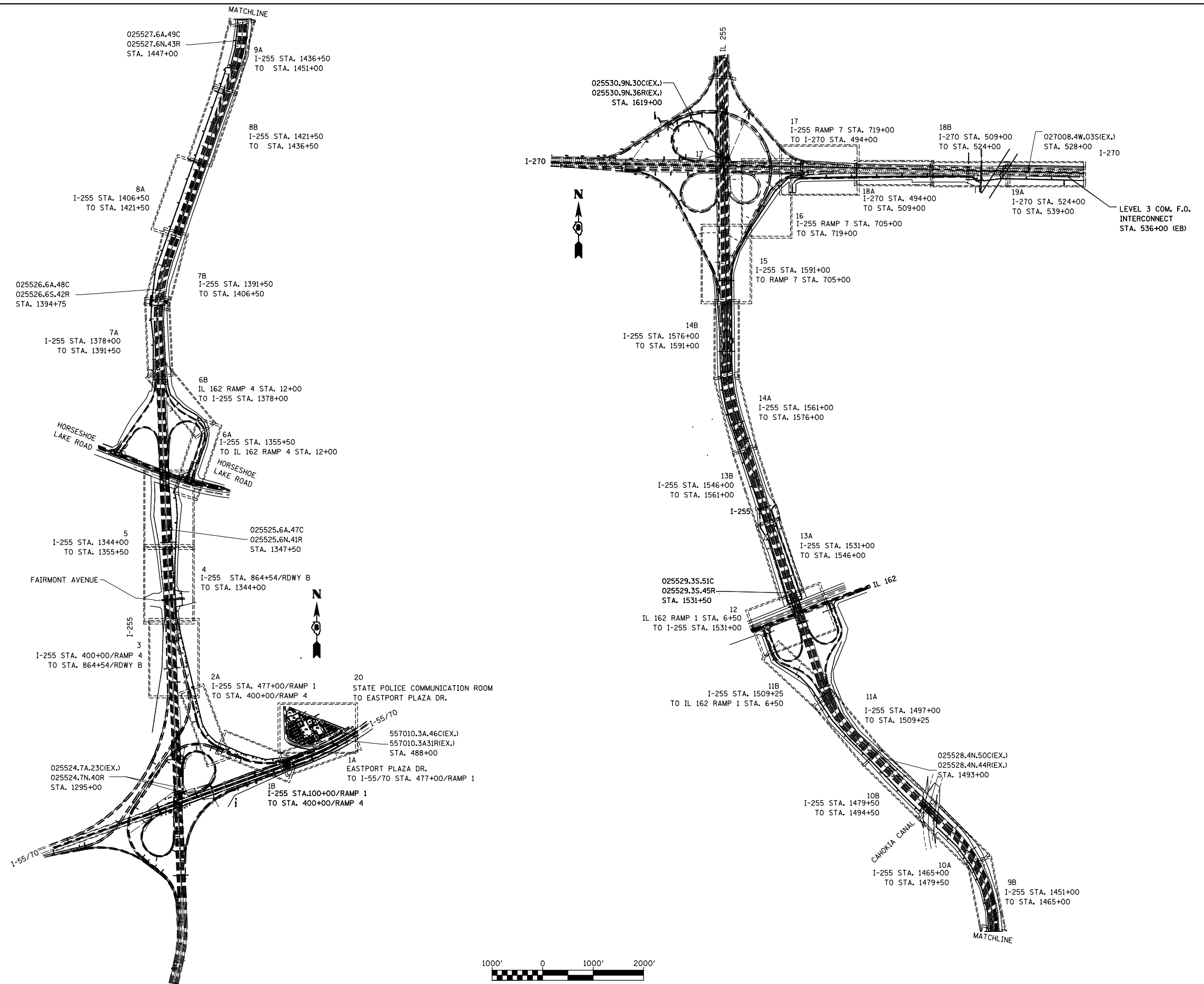
SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021			SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021		
CODE NO	ITEM	UNIT					CODE NO	ITEM	UNIT				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	4	4		81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	4	4			
67100100	MOBILIZATION	L SUM	1	1		81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	25	25			
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1		87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO.14 1C	FOOT	40676	40676			
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1		X0325077	FIBER OPTIC UTILITY MARKER	EACH	54	54			
70100815	TRAFFIC CONTROL AND PROTECTION, STANDARD 701446	L SUM	1	1		X8710075	FIBER OPTIC CABLE IN CONDUIT, 72 COND. S.M. F.O.	FOOT	46378	46378			
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	1		X0327597	WARNING PLATE	EACH	3	3			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1			
80300100	LOCATING UNDERGROUND CABLE	FOOT	40500	40500		*25000210	SEEDING, CLASS 2A	ACRE	4.6	4.6			
81028190	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1 1/2" DIA.	FOOT	250	250		*25000400	NITROGEN FERTILIZER NUTRIENT	POUND	418	418			
81028740	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 1 1/2" DIA.	FOOT	40500	40500		*25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	418	418			
81100510	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., PVC COATED GALVANIZED STEEL	FOOT	450	450		*25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	418	418			
						*25100105	MULCH, METHOD 1	ACRE	4.6	4.6			
						28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	418	418			

*SPECIALTY ITEM

**FAI 270/FAI 255/FAI 55/70

FILE NAME *	USER NAME = prastonna	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	SCALE:	SHEET OF SHEETS STA. TO STA.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CHECKED -	REVISED -								
		DATE -	REVISED -								

ILLINOIS FED. AID PROJECT



FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
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	PLOT DATE = 3/21/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET KEY MAP			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

*FAI 270/FAI 255/FAI 55/70

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 ITS 2013-1	MADISON	27	4
CONTRACT NO. 76F77				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TRAFFIC CONTROL AND PROTECTION ZONES

LOCATION#	1	2	3	4	5	6	7	8	9	10
ROAD	WB I-55/70 RAMP 1 (103+00) TO RAMP 4	RAMP 4 TO ROADWAY B	ROADWAY B TO NB I-255 (1332+00)	NB I-255 (1332+00) TO UNDER FAIRMONT AVE. TO NB I-255 (1335+00)	NB I-255 (1335+00) TO NB I-255 (1355+00)	NB I-255 (1355+00) TO UNDER C.H. 35 TO NB I-255 RAMP 4 (4+00)	NB I-255 RAMP 4 (4+00) TO NB I-255 (1377+00)	NB I-255 (1377+00) TO UNDER I-255 TO SB I-255 (1377+00)	SB I-255 (1377+00) TO SB I-255 (1508+00)	SB I-255 (1508+00) TO IL 162 RAMP 1 (1+00)
YEAR	2013	2013	2013	2013	2013	2013	2013	2013	2013	2013
ADT (EST.)	8100 (EST.)	1200 (EST.)	6400 (EST.)	950 (EST.)	22,400 (EST.)	10,800 (EST.)	2,200 (EST.)	22,400 (EST.)	22,400 (EST.)	1400 (EST.)
SU%	5.20%	2.70%	3.30%	NO DATA	2.30%	NO DATA	2.90%	3.00%	3.00%	3.80%
MU%	13.60%	2.70%	4.90%	NO DATA	6.10%	NO DATA	2.40%	8.90%	8.90%	1.50%

LOCATION#	11	12	13	14	15	16	17	18	19
ROAD	IL 162 RAMP 1 (1+00) TO IL 162 (28+00)	IL 162 (28+00) TO UNDER IL 162 TO SB I-255 (1530+00)	SB I-255 (1530+00) TO UNDER I-255 TO I-255 TO NB I-255 (1580+00)	NB I-255 (1580+00) TO I-255 RAMP 6	I-255 RAMP 6 TO I-255 RAMP 7	I-255 RAMP 7 TO EB I-270 (516+50)	EB I-270 (516+50) TO FRONTAGE RD. (518+50)	FRONTAGE RD. (518+50) TO UNDER SAND RD. (32+00)	SAND RD. (32+00) TO EB I-270 (536+00)
YEAR	2013	2013	2013	2013	2013	2013	2013	2013	2013
ADT (EST.)	3700 (EST.)	21,320 (EST.)	20,200 (EST.)	6300 (EST.)	3500 (EST.)	25,900 (EST.)	25 (EST.)	200 (EST.)	25,900 (EST.)
SU%	2.70%	3.10%	2.50%	3.80%	2.10%	2.60%	NO DATA	NO DATA	2.60%
MU%	0.80%	10.30%	7.60%	14.20%	3.70%	18.50%	NO DATA	NO DATA	18.50%

PEAK HOUR RESTRICTIONS ARE AS FOLLOWS:

I-270: WESTBOUND-6:00 AM TO 9:00 AM; EASTBOUND-3:00 PM TO 6:00 PM.
 I-255: BOTH DIRECTIONS-6:00 AM TO 9:00 AM AND 3:00 PM TO 6:00 PM.
 I-55/70: WESTBOUND-6:00 AM TO 9:00 AM; EASTBOUND-3:00 PM TO 6:00 PM.

TWO LANES IN EACH DIRECTION MUST BE OPEN DURING PEAK HOURS.

TRAFFIC CONTROL AND PROTECTION STANDARDS	TRAFFIC CONTROL AND PROTECTION ZONES *													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
701101	X	X	X	X	X	X	X	X	X	X	X	X	X	X
701106	X	X	X	X	X	X	X	X	X	X	X	X	X	X
701201						0.50						0.50		
701400								X					X	
701406*								0.50					0.50	
701446*								0.50					0.50	
701456						0.50				0.50				
701501				0.25								0.25		

*USE 701400, ALSO

TRAFFIC CONTROL AND PROTECTION STANDARDS	TRAFFIC CONTROL AND PROTECTION ZONES *					
	15	16	17	18	19	TOTALS
701101	X	X	X	X	X	NM
701106	X	X	X	X	X	NM
701201						1.0 L SUM
701400						NM
701406*						1.0 L SUM
701446*						1.0 L SUM
701456						1.0 L SUM
701501			0.25	0.25		1.0 L SUM

*USE 701400, ALSO

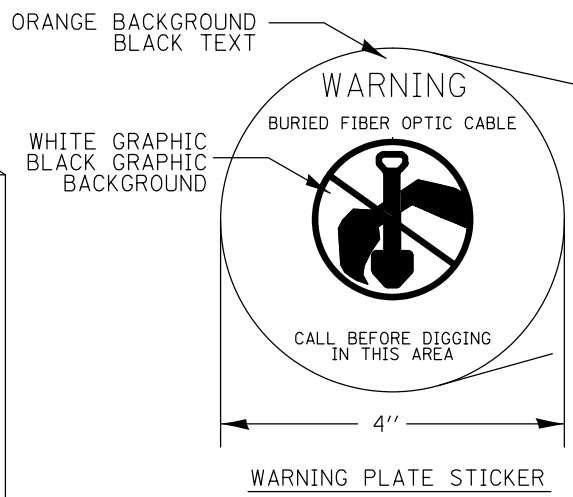
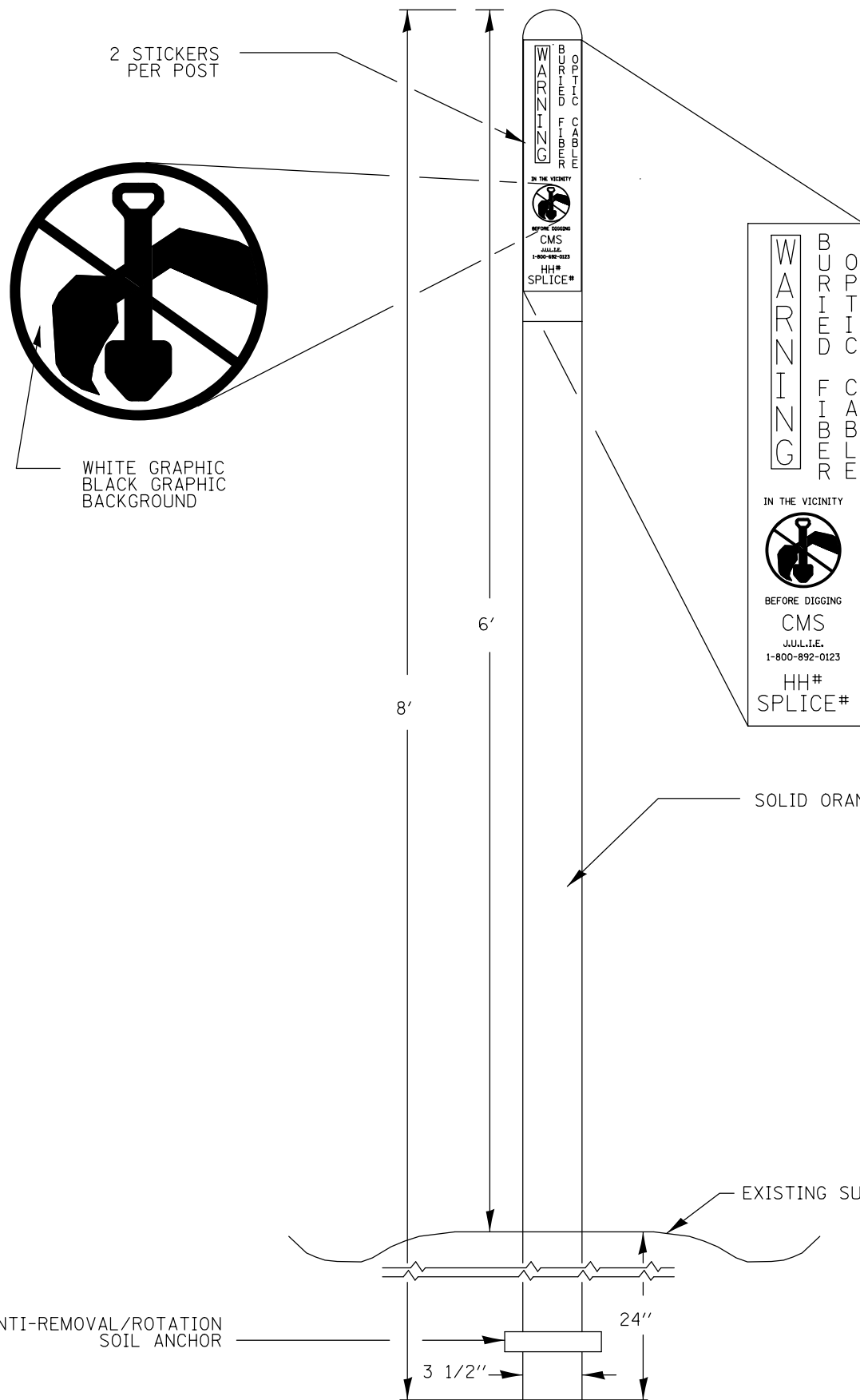
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*=FAI 270/FAI 255/FAI 55/70

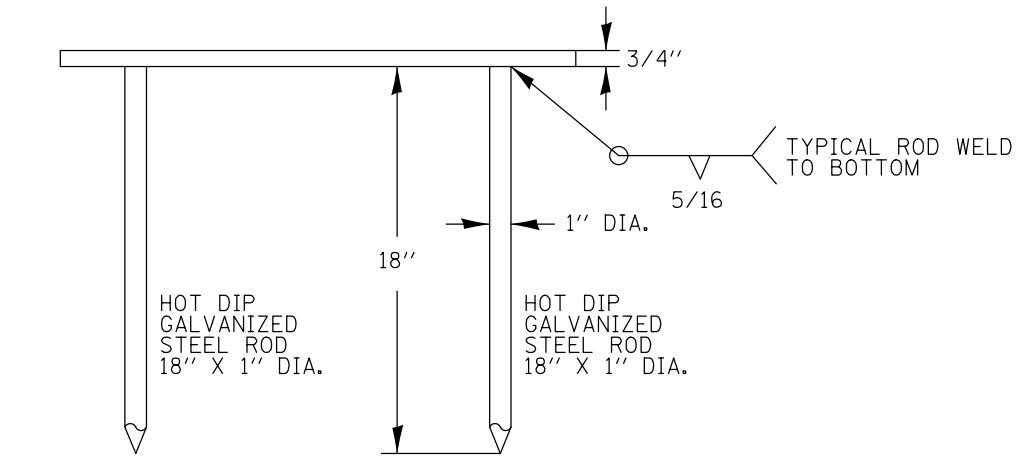
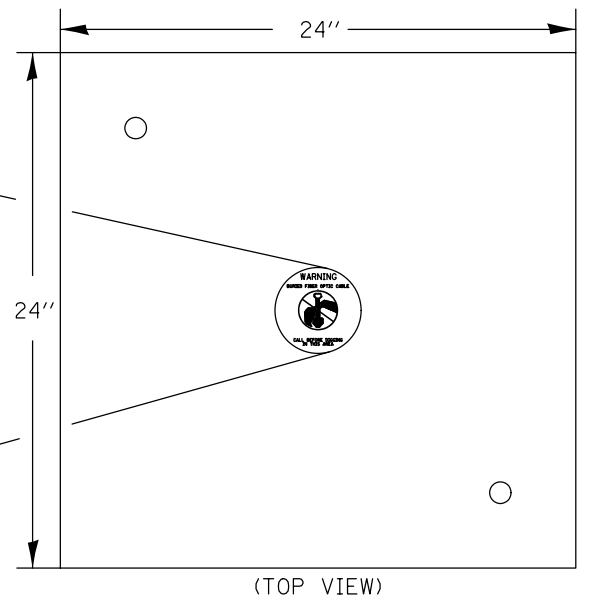
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PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	CONTRACT NO. 76F77							
PLOT DATE = 3/21/2013	DATE -	REVISED -	SCALE:			SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.

FIBER OPTIC UTILITY MARKER (UM)

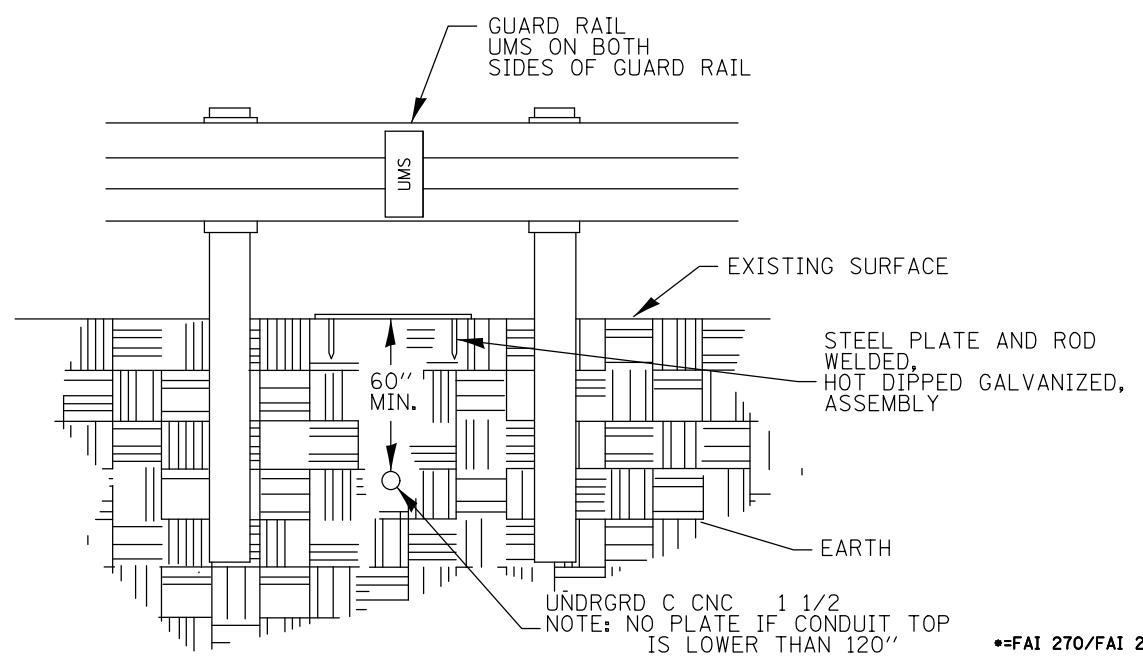
WARNING PLATE (WP)



FIBER OPTIC UTILITY MARKER STICKER (UMS)
 THE UMS WILL BE 2-7/8" X 14" WITH AN ORANGE BACKGROUND WITH BLACK TEXT.
 THE "WARNING" TEXT WILL BE WHITE ON A BLACK BAND



(ELEVATION VIEW)
 NOTE: ALL STEEL SHALL BE A-36 MILD STEEL AND GALVANIZED ACCORDING TO ASTM 123 AFTER RODS ARE WELDED TO THE PLATE



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	PLOT DATE = 3/21/2013	DATE -	REVISED -

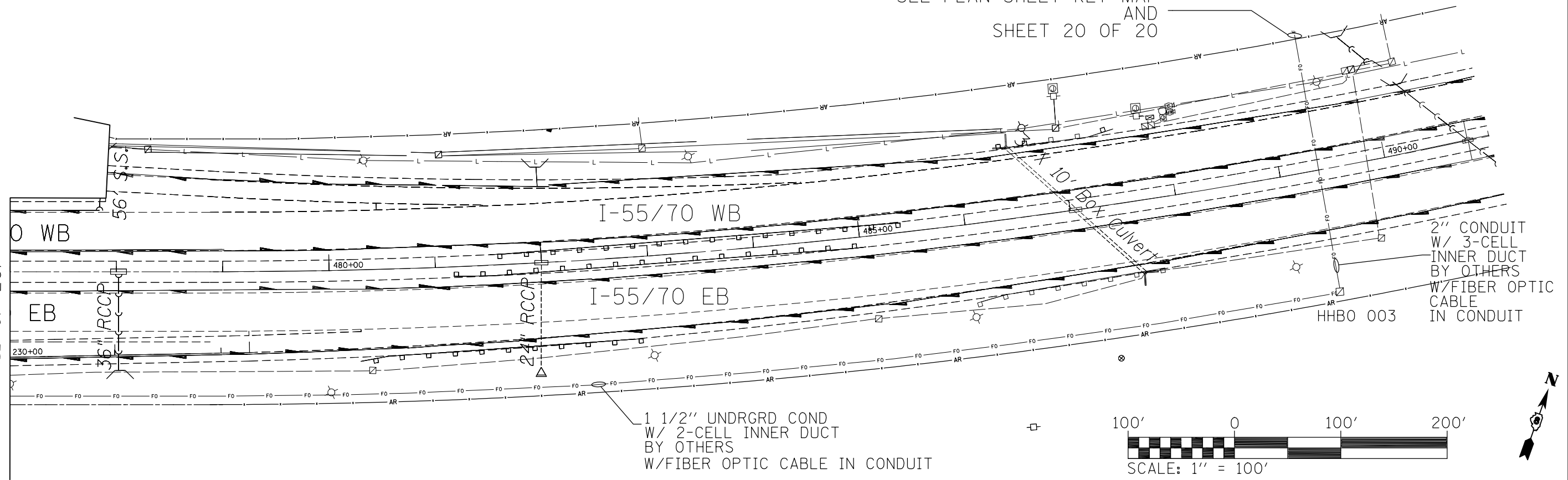
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

WARNING SIGN, PLATE AND STICKER DETAILS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

*FAI 270/FAI 255/FAI 55/70			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
	DIST 8 ITS 2013-1	MADISON	27
			SHEET NO. 6
CONTRACT NO. 76F77			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

SEE PLAN SHEET KEY MAP
AND
SHEET 20 OF 20

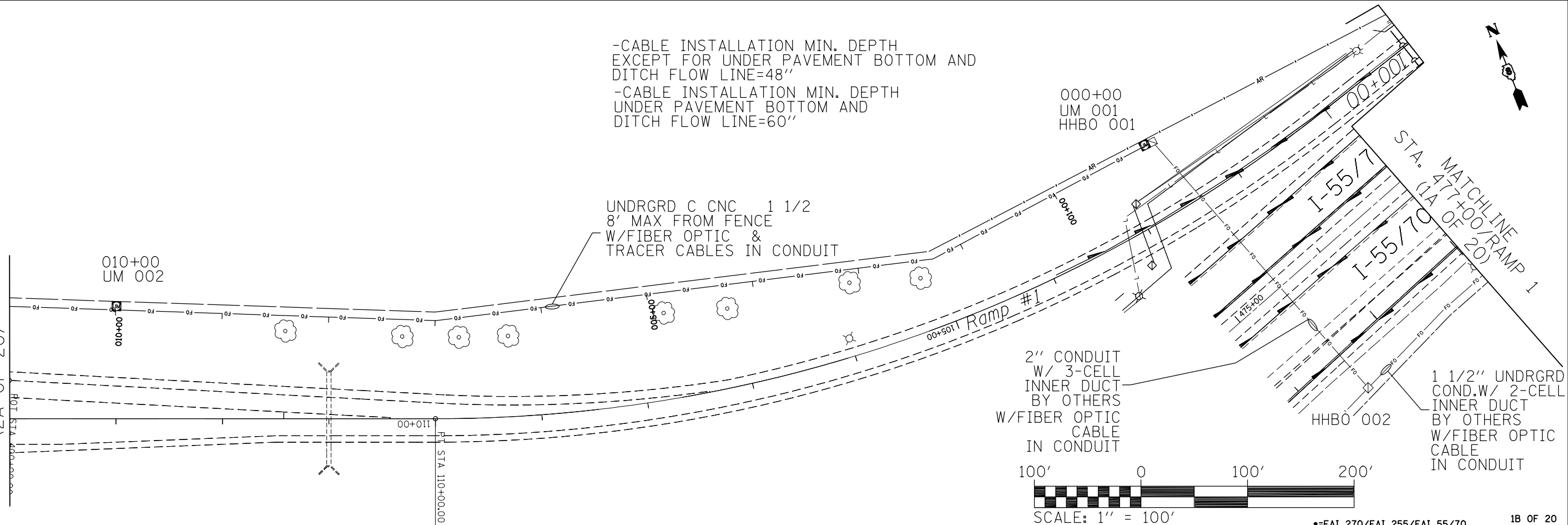
MATCHLINE STA. 477+00/RAMP 1
(1B OF 20)



1A OF 20

-CABLE INSTALLATION MIN. DEPTH
EXCEPT FOR UNDER PAVEMENT BOTTOM AND
DITCH FLOW LINE=48"
-CABLE INSTALLATION MIN. DEPTH
UNDER PAVEMENT BOTTOM AND
DITCH FLOW LINE=60"

MATCHLINE
STA. 400+00/RAMP 4
(2A OF 20)



1B OF 20

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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET
EASTPORT PLAZA DR. TO I-55/70 STA. 477+00/RAMP 1
I-255 STA.100+00/RAMP 1 TO STA. 400+00/RAMP 4

SCALE: SHEET NO. 1 OF 20 SHEETS STA. TO STA.

*FAI 270/FAI 255/FAI 55/70

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DIST 8 ITS 2013-1	MADISON	27	7
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 76F77	

-CABLE INSTALLATION MIN. DEPTH EXCEPT FOR UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=48"
 -CABLE INSTALLATION MIN. DEPTH UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=60"

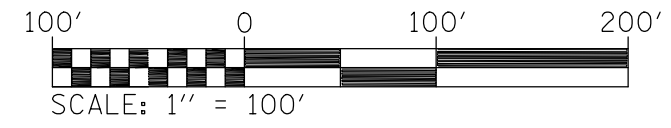
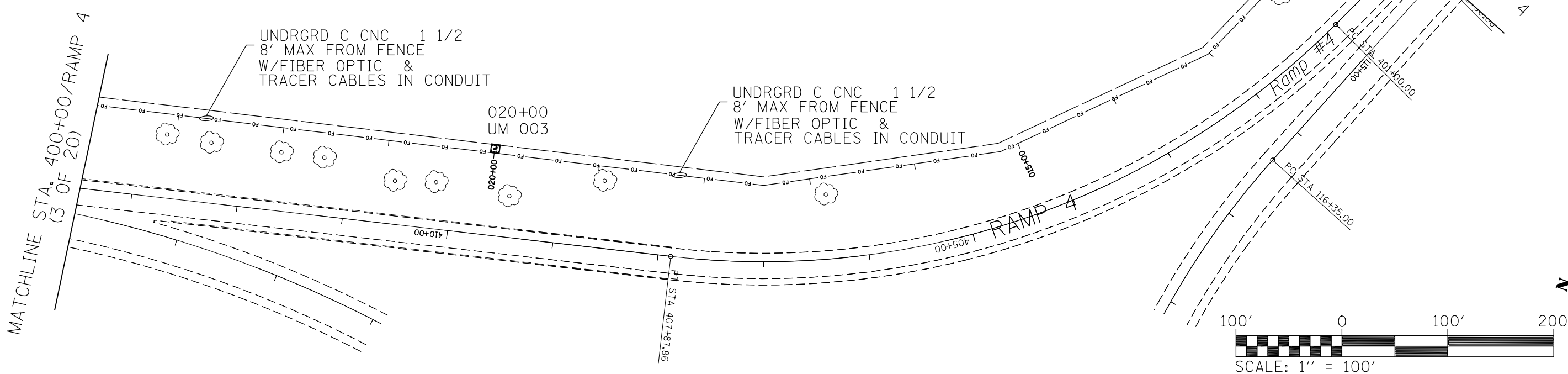
MATCHLINE STA. 400+00/RAMP 4
 (3 OF 20)

UNDRGRD C CNC 1 1/2
 8' MAX FROM FENCE
 W/FIBER OPTIC &
 TRACER CABLES IN CONDUIT

020+00
 UM 003

UNDRGRD C CNC 1 1/2
 8' MAX FROM FENCE
 W/FIBER OPTIC &
 TRACER CABLES IN CONDUIT

MATCHLINE STA. 400+00/RAMP 4
 (1B OF 20)



FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
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	PLOT DATE = 3/21/2013	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
 I-255 STA. 477+00/RAMP 1 TO STA. 400+00/RAMP 4**

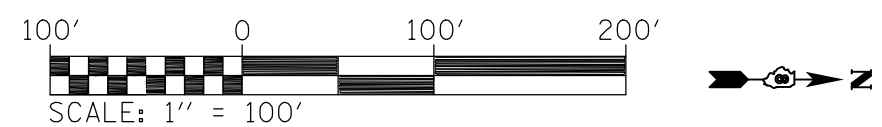
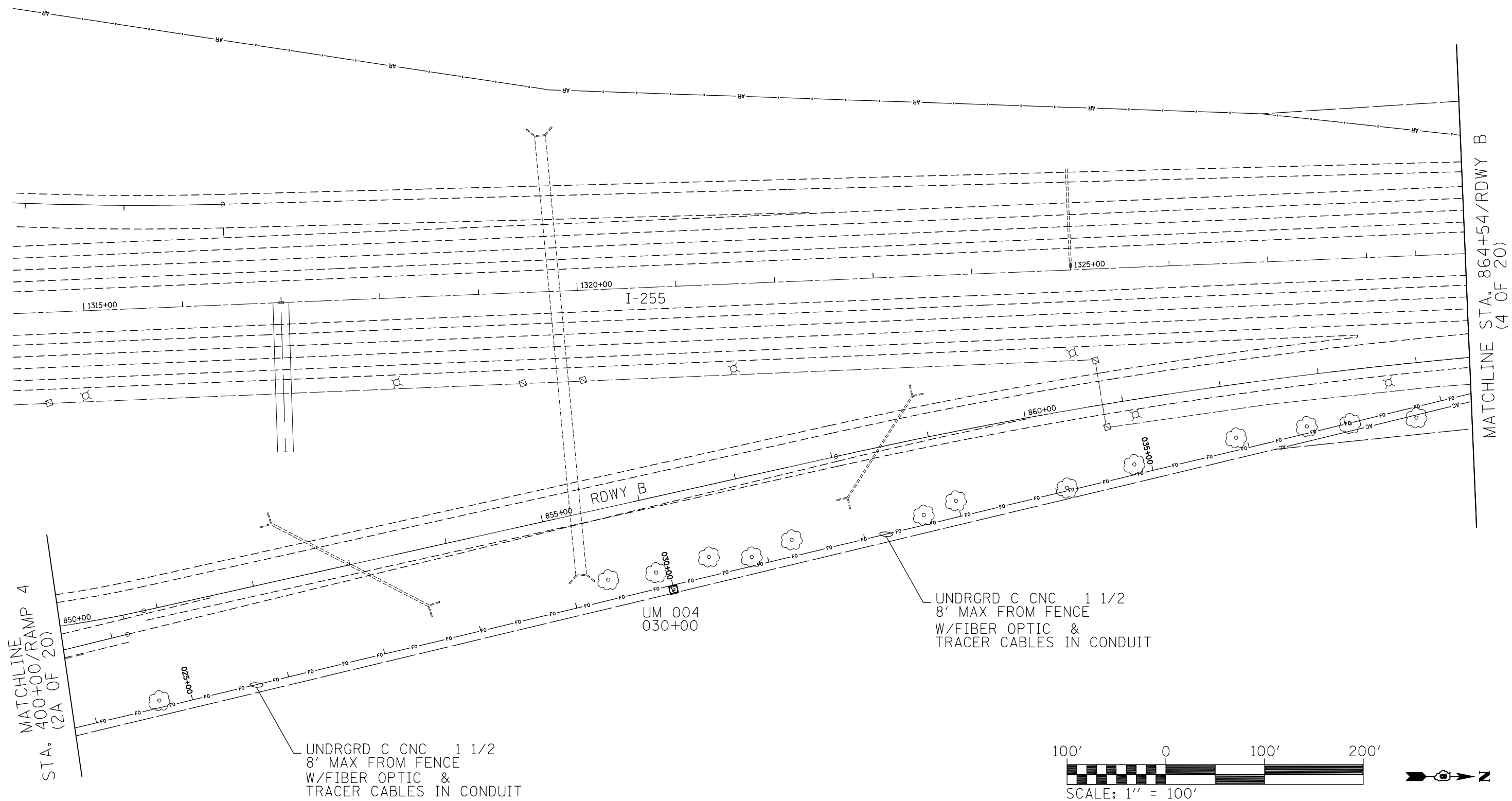
SCALE: SHEET NO. OF SHEETS STA. TO STA.

*FAI 270/FAI 255/FAI 55/70

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 ITS 2013-1	MADISON	27	8
			CONTRACT NO. 76F77	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

-CABLE INSTALLATION MIN. DEPTH
EXCEPT FOR UNDER PAVEMENT BOTTOM AND
DITCH FLOW LINE=48"

-CABLE INSTALLATION MIN. DEPTH
UNDER PAVEMENT BOTTOM AND
DITCH FLOW LINE=60"



MATCHLINE
400+00/RAMP 4
(2A OF 20)

MATCHLINE STA. 864+54/RDWY B
(4 OF 20)

UNDRGRD C CNC 1 1/2
8' MAX FROM FENCE
W/FIBER OPTIC &
TRACER CABLES IN CONDUIT

UNDRGRD C CNC 1 1/2
8' MAX FROM FENCE
W/FIBER OPTIC &
TRACER CABLES IN CONDUIT

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

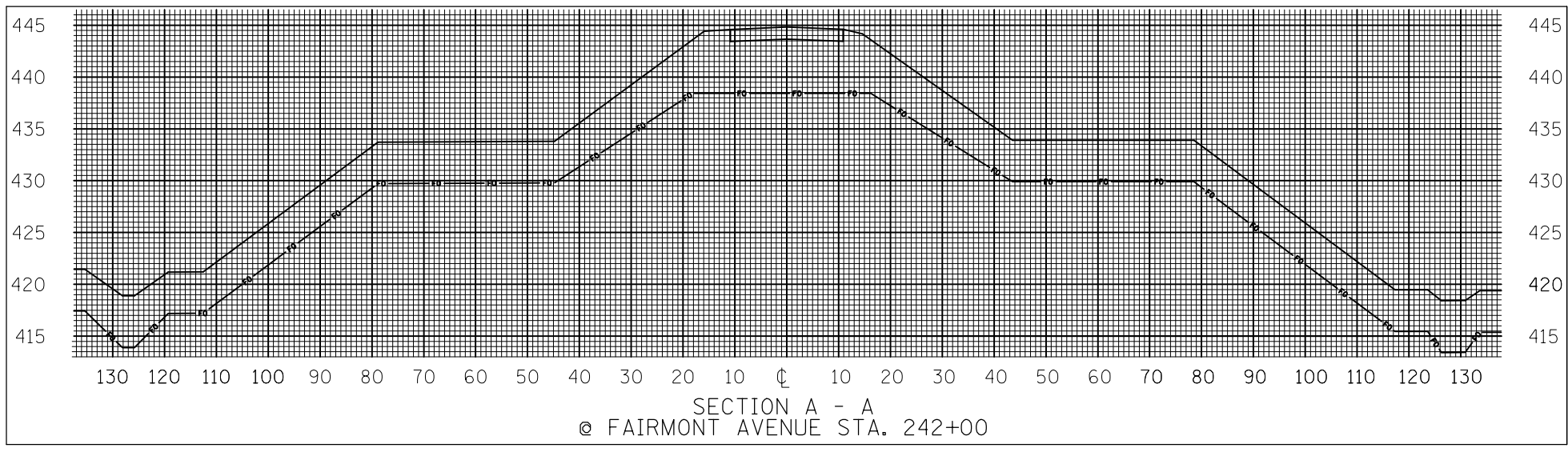
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I-255 STA. 400+00/RAMP 4 TO STA. 864+54/RDWY B**

•=FAI 270/FAI 255/FAI 55/70 3 OF 20

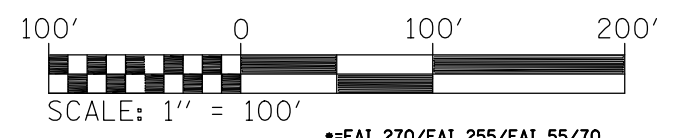
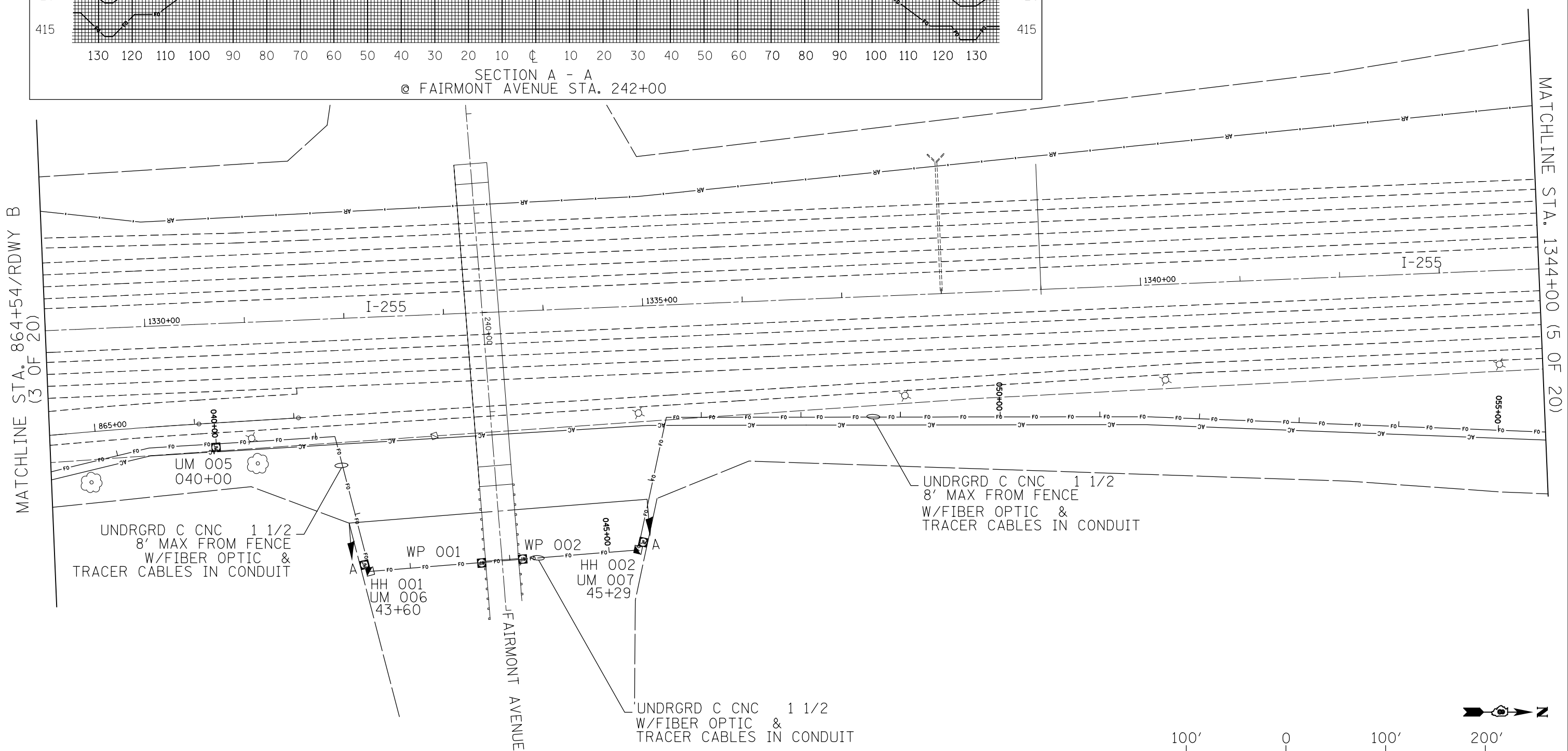
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	PLOT DATE = 3/21/2013	DATE -	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 ITS 2013-1	MADISON	27	9
CONTRACT NO. 76F77				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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-CABLE INSTALLATION MIN. DEPTH EXCEPT FOR UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=48"
 -CABLE INSTALLATION MIN. DEPTH UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=60"



FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
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		CHECKED -	REVISED -
		DATE -	REVISED -

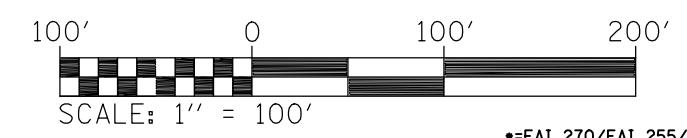
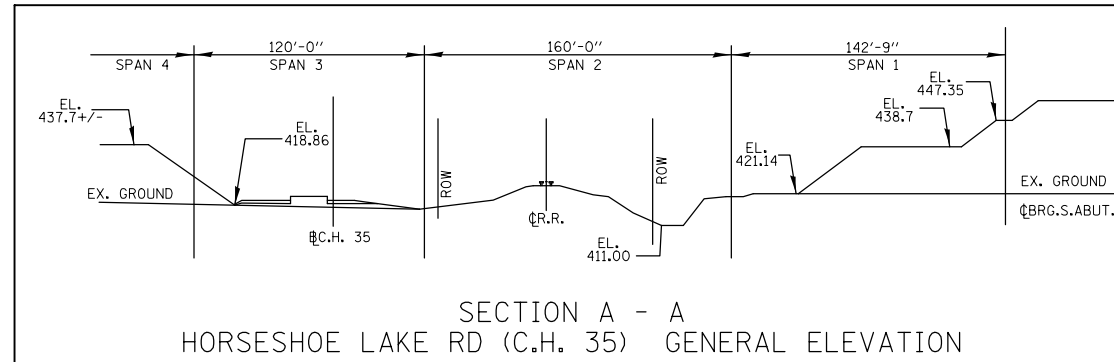
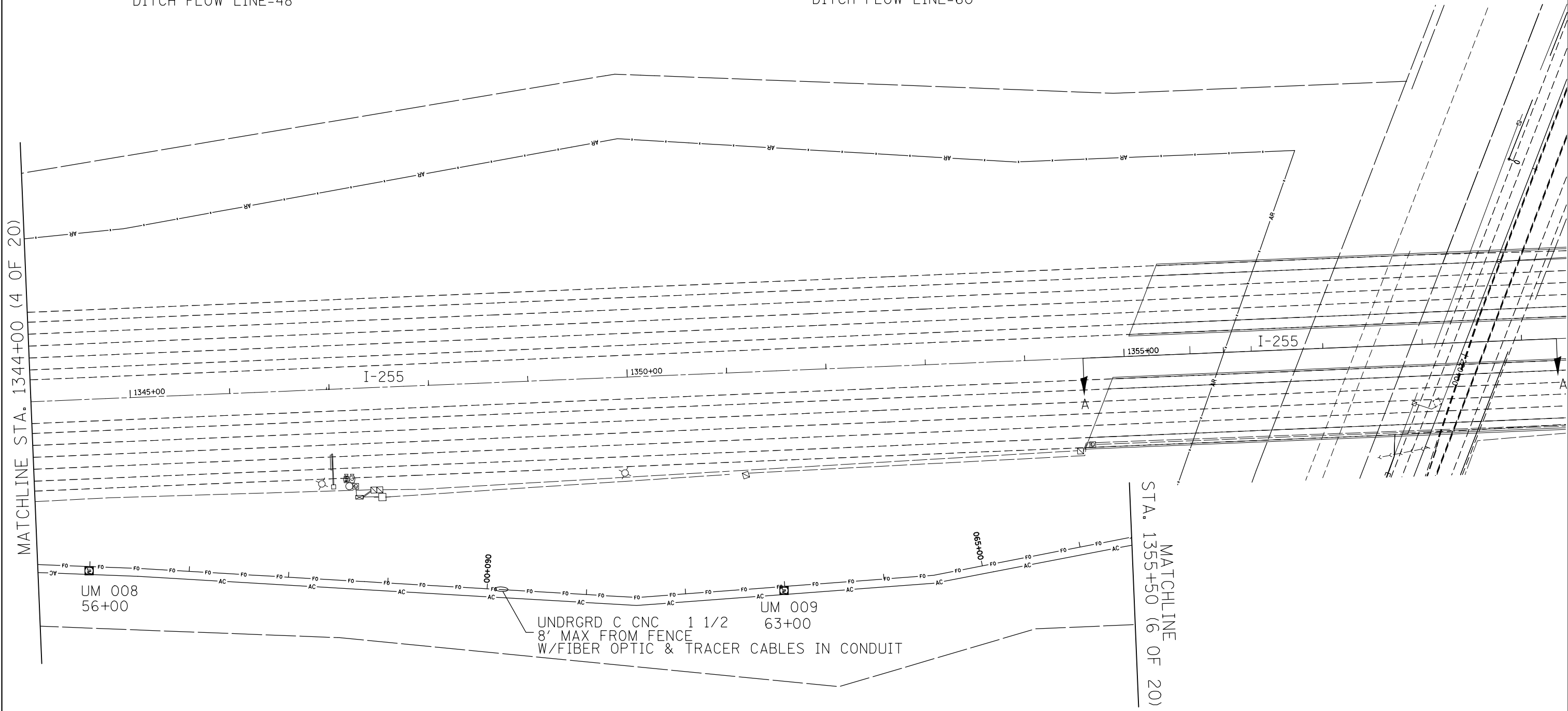
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
 I-255 STA. 864+54/RDWAY B TO STA. 1344+00**

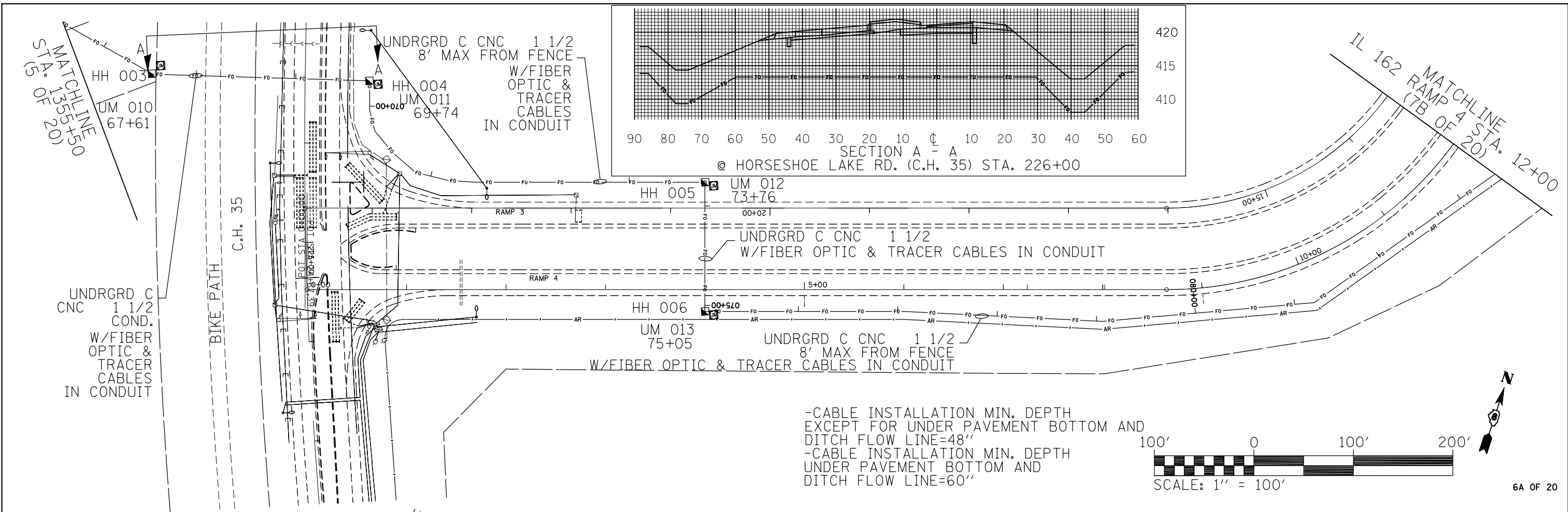
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•	DIST 8 ITS 2013-1	MADISON	27	10
CONTRACT NO. 76F77				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

-CABLE INSTALLATION MIN. DEPTH
EXCEPT FOR UNDER PAVEMENT BOTTOM AND
DITCH FLOW LINE=48"

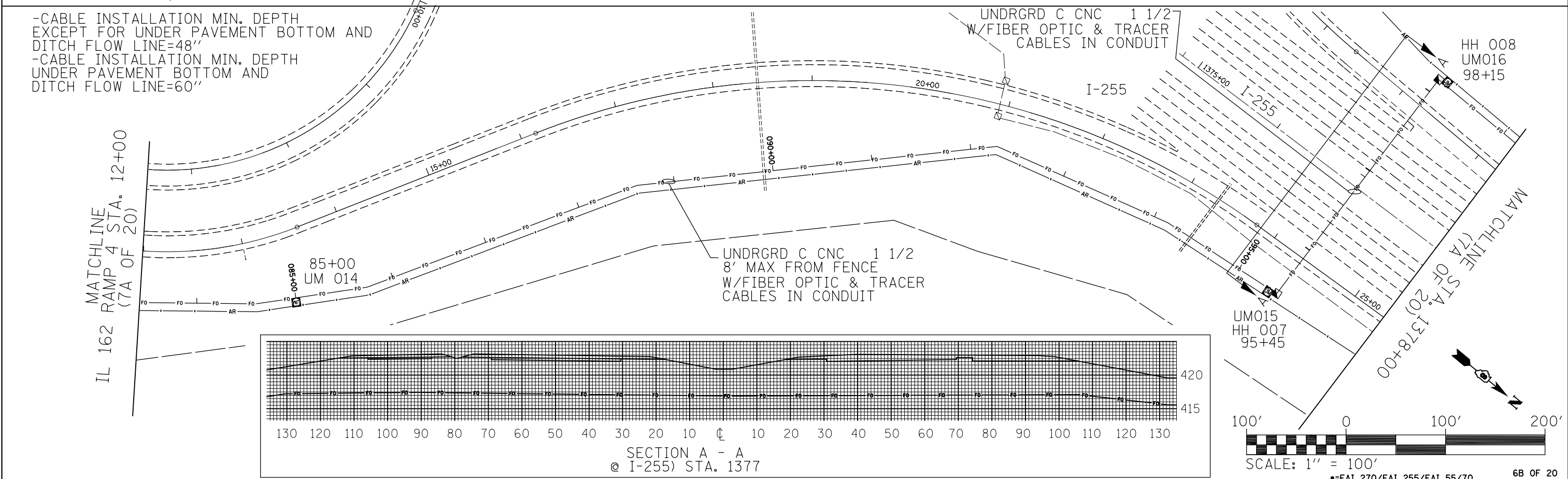
-CABLE INSTALLATION MIN. DEPTH
UNDER PAVEMENT BOTTOM AND
DITCH FLOW LINE=60"



FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET I-25 STA. 1344+00 TO STA. 1355+50			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		*FAI 270/FAI 255/FAI 55/70								
	PLOT DATE = 3/21/2013	DATE -	REVISED -		CONTRACT NO. 76F77								

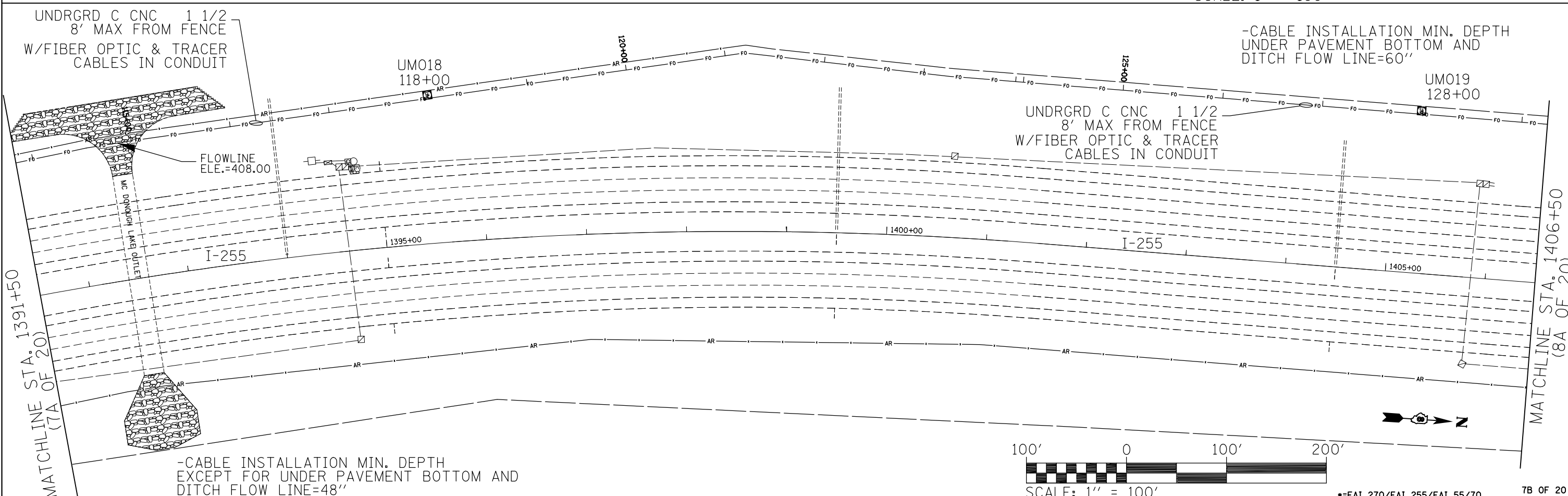
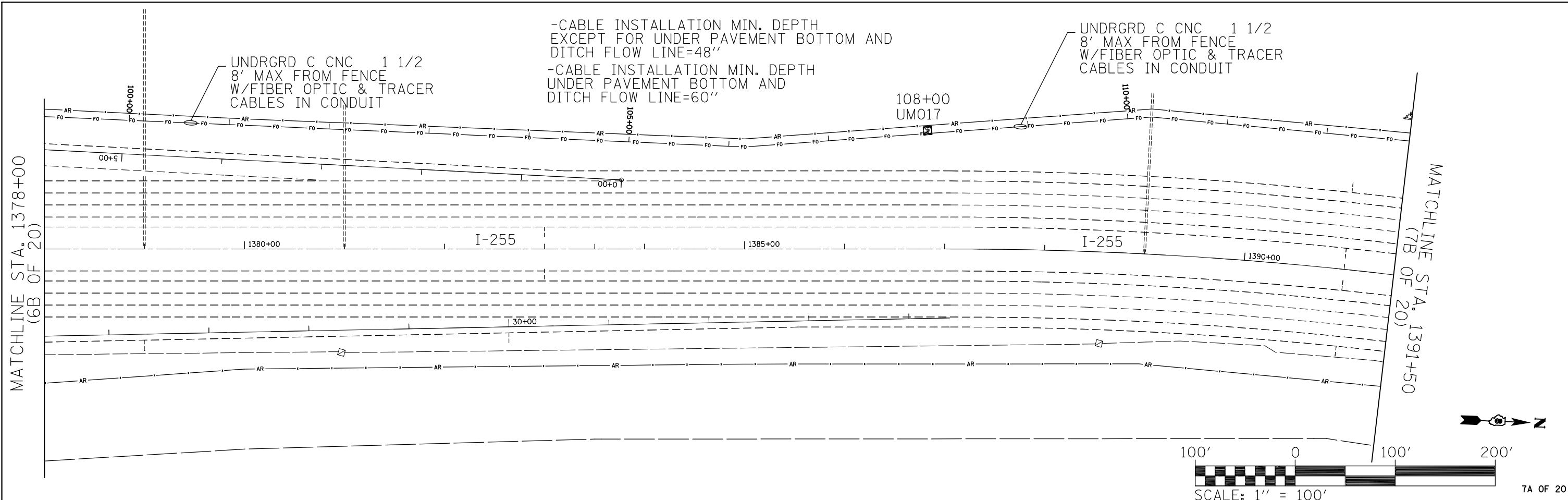


6A OF 20



6B OF 20

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	PLOT SCALE = 100.0000' / 1in.	DRAWN -	REVISED -		I-255 STA. 1355+50 TO IL 162 RAMP 4 STA. 12+00 IL 162 RAMP 4 STA. 12+00 TO I-255 STA. 1378+00							
PLOT DATE = 3/21/2013	CHECKED -	DATE -	REVISED -	SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 76F77			
									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



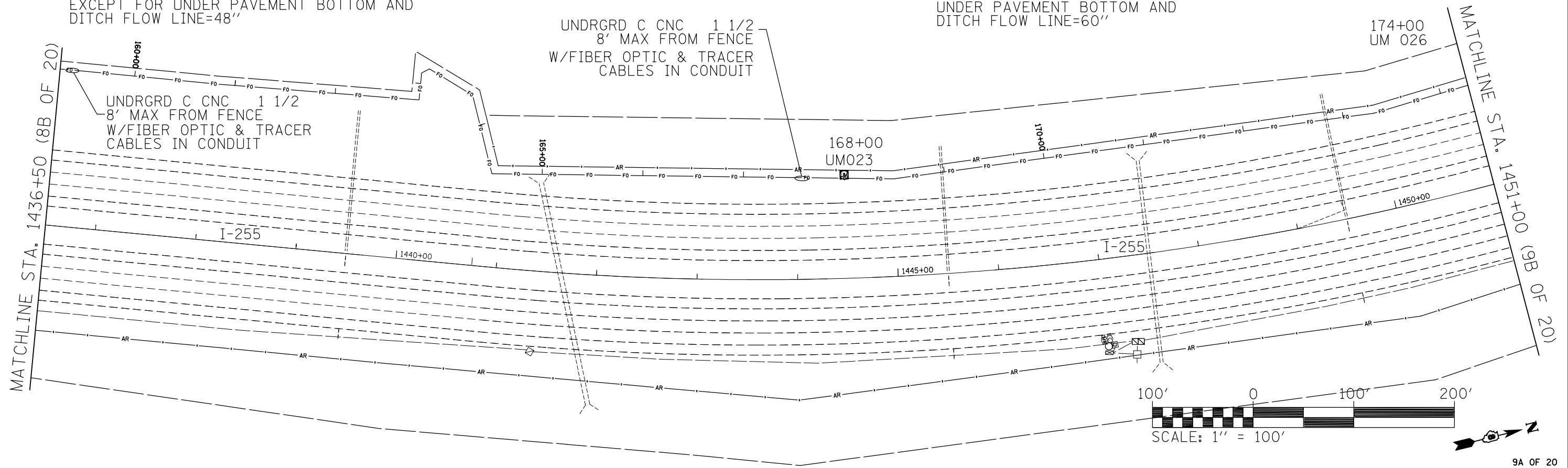
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PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	I-255 STA. 1391+50 TO STA. 1406+50			27	13		
PLOT DATE = 3/21/2013	DATE -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 76F77			
							FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		

-CABLE INSTALLATION MIN. DEPTH EXCEPT FOR UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=48"

-CABLE INSTALLATION MIN. DEPTH UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=60"

UNDRGRD C CNC 1 1/2
8' MAX FROM FENCE
W/FIBER OPTIC & TRACER
CABLES IN CONDUIT

UNDRGRD C CNC 1 1/2
8' MAX FROM FENCE
W/FIBER OPTIC & TRACER
CABLES IN CONDUIT

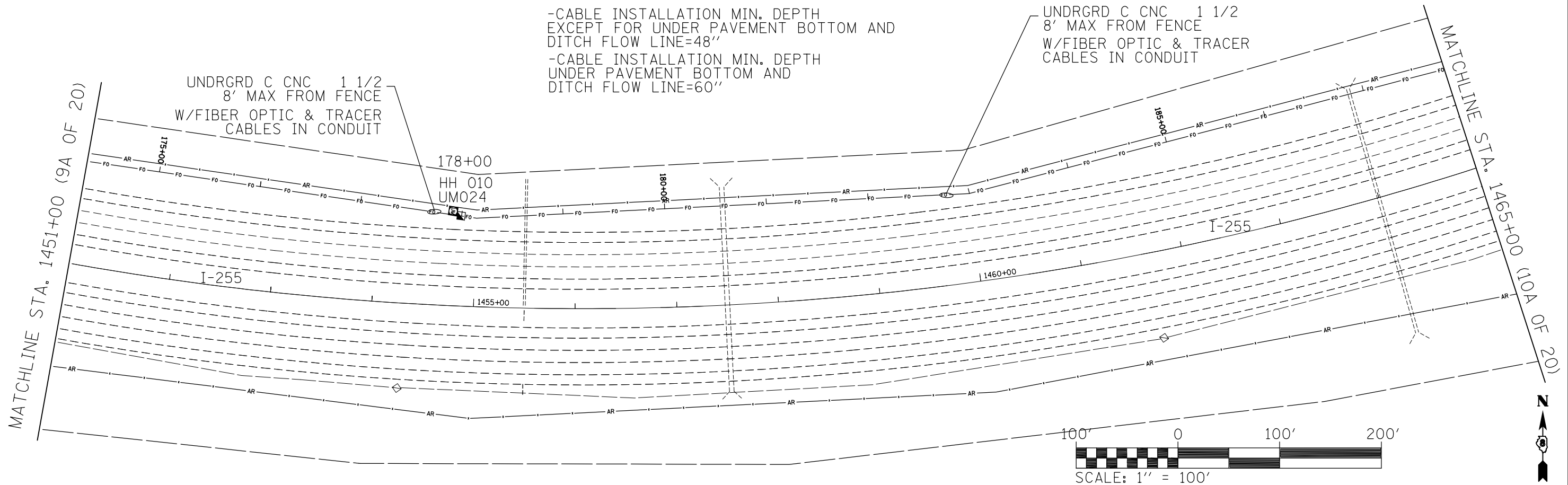


9A OF 20

-CABLE INSTALLATION MIN. DEPTH EXCEPT FOR UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=48"
-CABLE INSTALLATION MIN. DEPTH UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=60"

UNDRGRD C CNC 1 1/2
8' MAX FROM FENCE
W/FIBER OPTIC & TRACER
CABLES IN CONDUIT

UNDRGRD C CNC 1 1/2
8' MAX FROM FENCE
W/FIBER OPTIC & TRACER
CABLES IN CONDUIT



9B OF 20

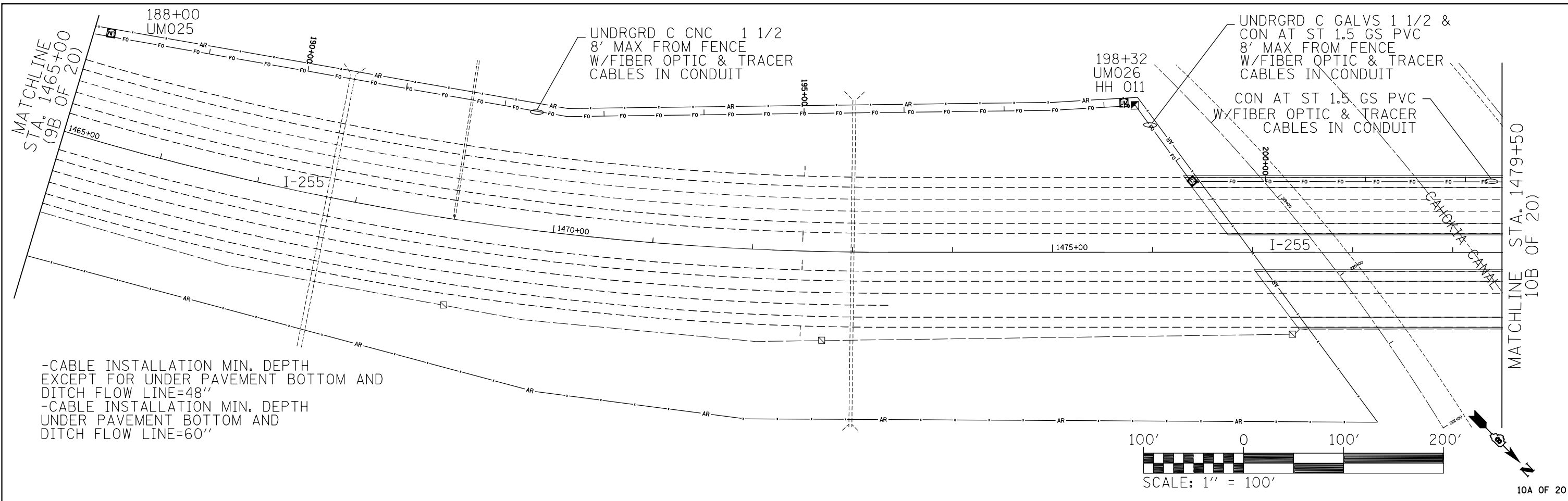
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-255 STA. 1436 + 50 TO STA. 1451 + 00			
I-255 STA. 1451 + 00 TO STA. 1465 + 00			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

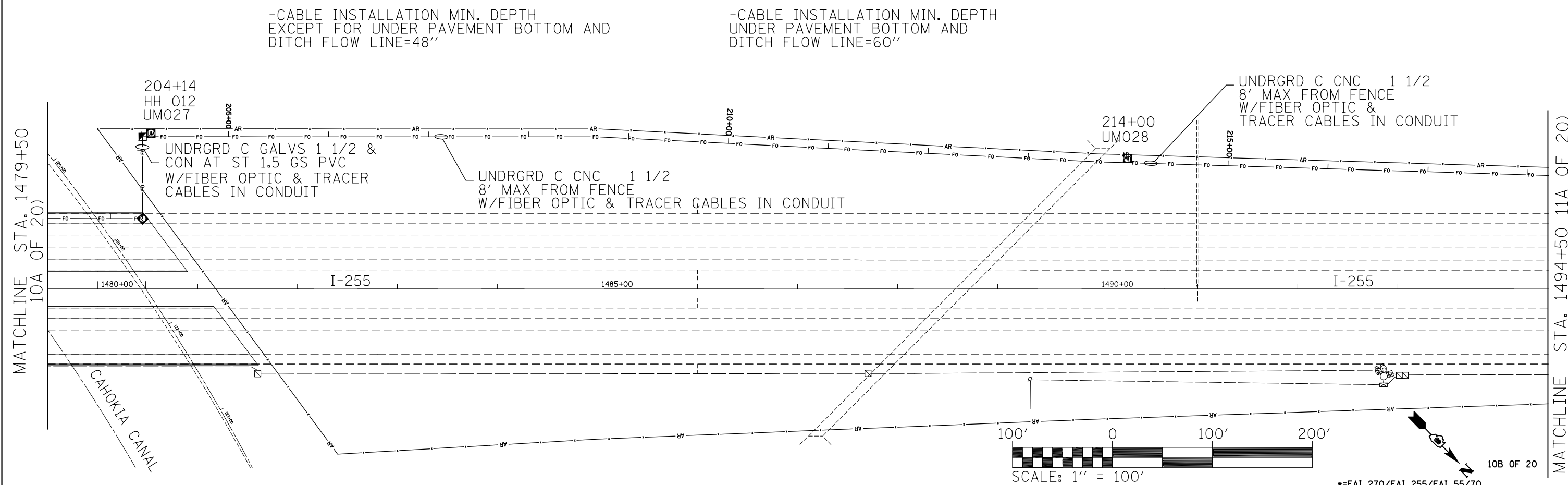
*FAI 270/FAI 255/FAI 55/70

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	DIST 8 ITS 2013-1	MADISON	27	15
CONTRACT NO. 76F77				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



-CABLE INSTALLATION MIN. DEPTH EXCEPT FOR UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=48"
 -CABLE INSTALLATION MIN. DEPTH UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=60"

10A OF 20

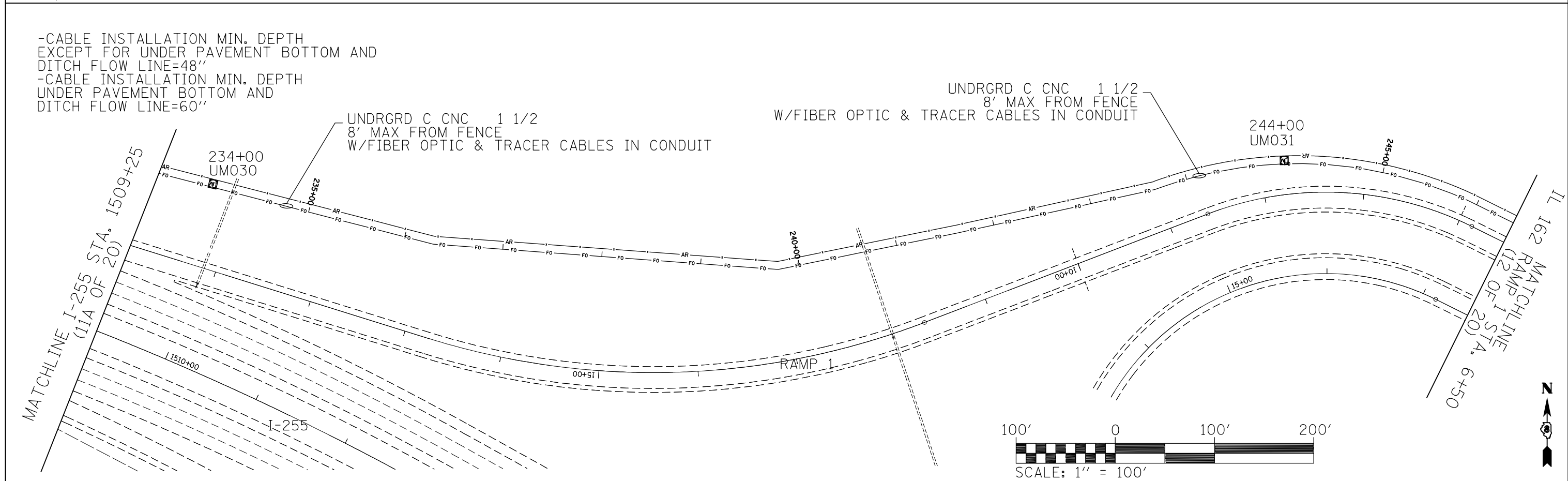
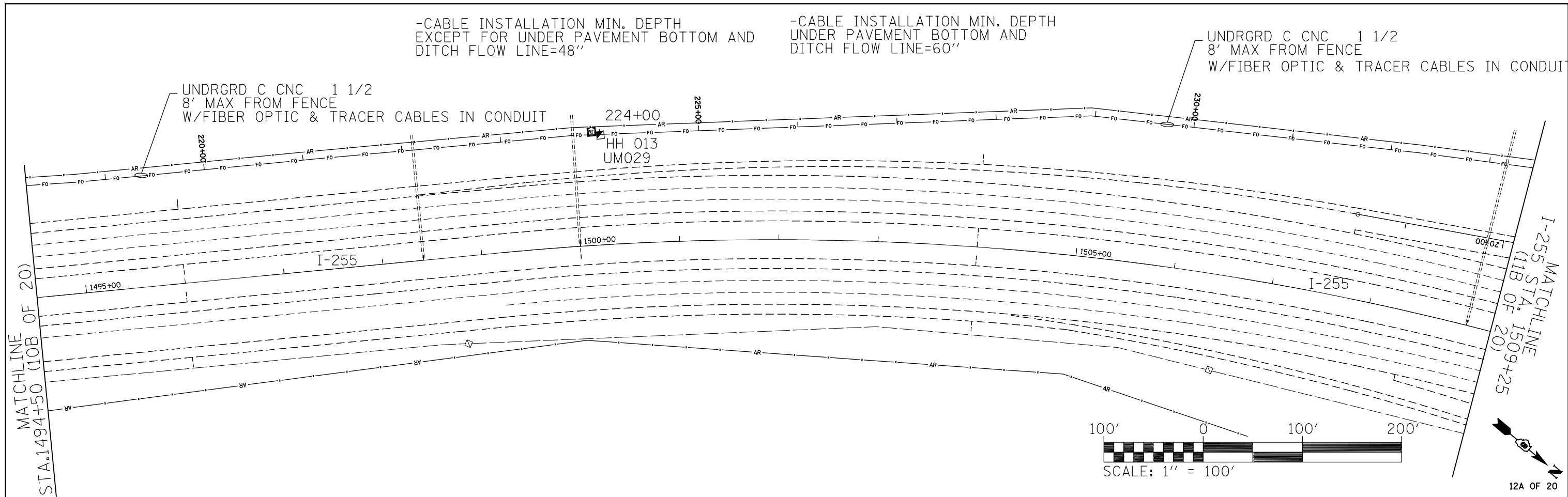


-CABLE INSTALLATION MIN. DEPTH EXCEPT FOR UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=48"

-CABLE INSTALLATION MIN. DEPTH UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=60"

10B OF 20

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE = 3/21/2013	DATE -	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 76F77		
		DATE -	REVISED -							FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT



FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			*FAI 270/FAI 255/FAI 55/70				
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		CHECKED -	REVISED -		I-255 STA. 1509+25 TO IL 162 RAMP 1 STA. 6+50			•	DIST 8 ITS 2013-1	MADISON	27	17
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 76F77		
									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

MATCHLINE STA. 1531+00 (12 OF 20)

UNDRGRD C CNC 1 1/2
8' MAX FROM FENCE
W/FIBER OPTIC & TRACER
CABLES IN CONDUIT

HH 017
UM035
260+48

UNDRGRD C CNC 1 1/2
W/FIBER OPTIC & TRACER CABLES IN CONDUIT

BIKE PATH

BIKE PATH

20+00 POT STA 22+22.49 POT STA 0+00.00 25+00 26+00 30+00

IL 162

UNDRGRD C CNC 1 1/2
W/FIBER OPTIC & TRACER
CABLES IN CONDUIT

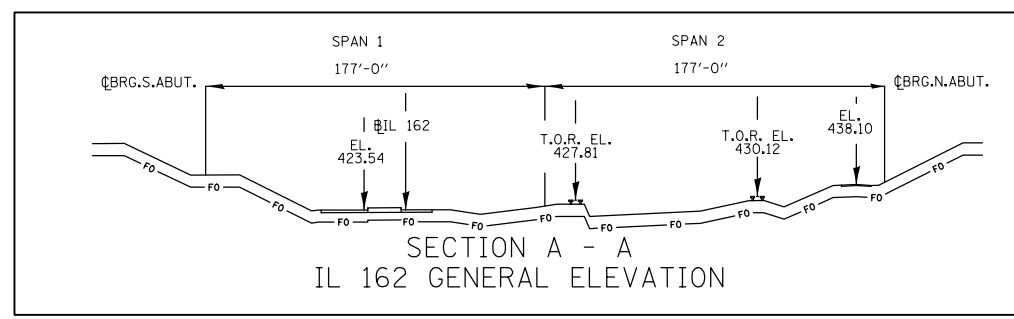
HH 016
UM034
257+66

HH 014
UM032
250+20

HH 015
UM033
253+50

UNDRGRD C CNC 1 1/2
W/FIBER OPTIC & TRACER
CABLES IN CONDUIT

UNDRGRD C CNC 1 1/2
8' MAX FROM FENCE
W/FIBER OPTIC & TRACER
CABLES IN CONDUIT



-CABLE INSTALLATION MIN. DEPTH
EXCEPT FOR UNDER PAVEMENT BOTTOM AND
DITCH FLOW LINE=48"
-CABLE INSTALLATION MIN. DEPTH
UNDER PAVEMENT BOTTOM AND
DITCH FLOW LINE=60"

MATCHLINE IL 162 RAMP 1 STA. 6+50 (12 OF 20)

•=FAI 270/FAI 255/FAI 55/70

12 OF 20

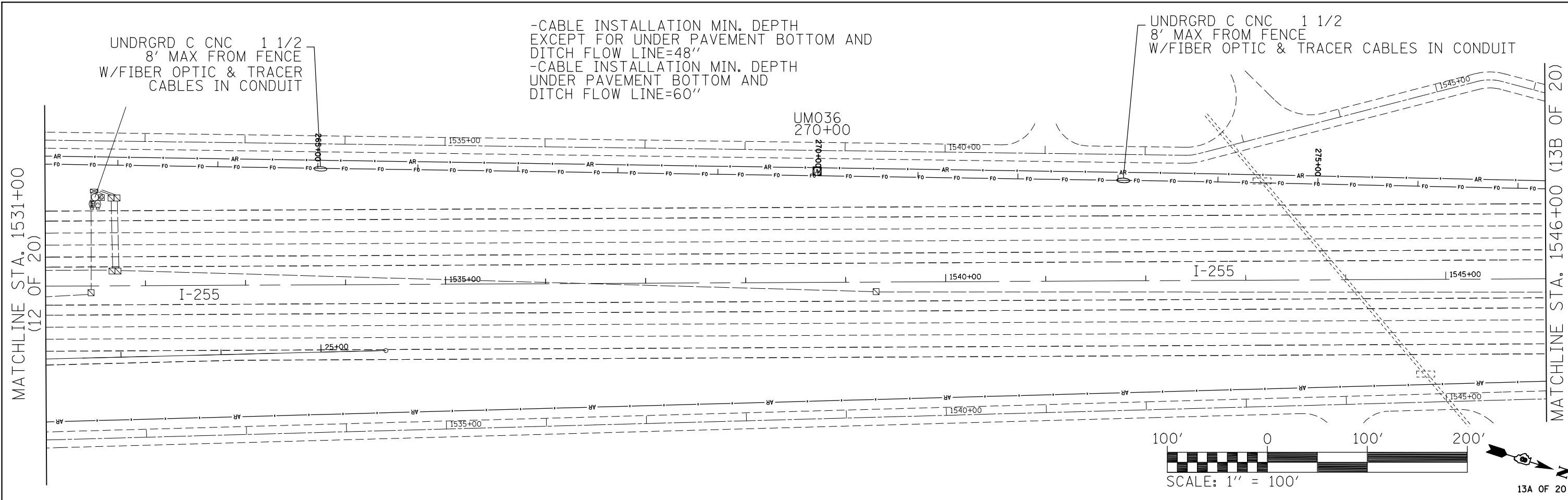
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

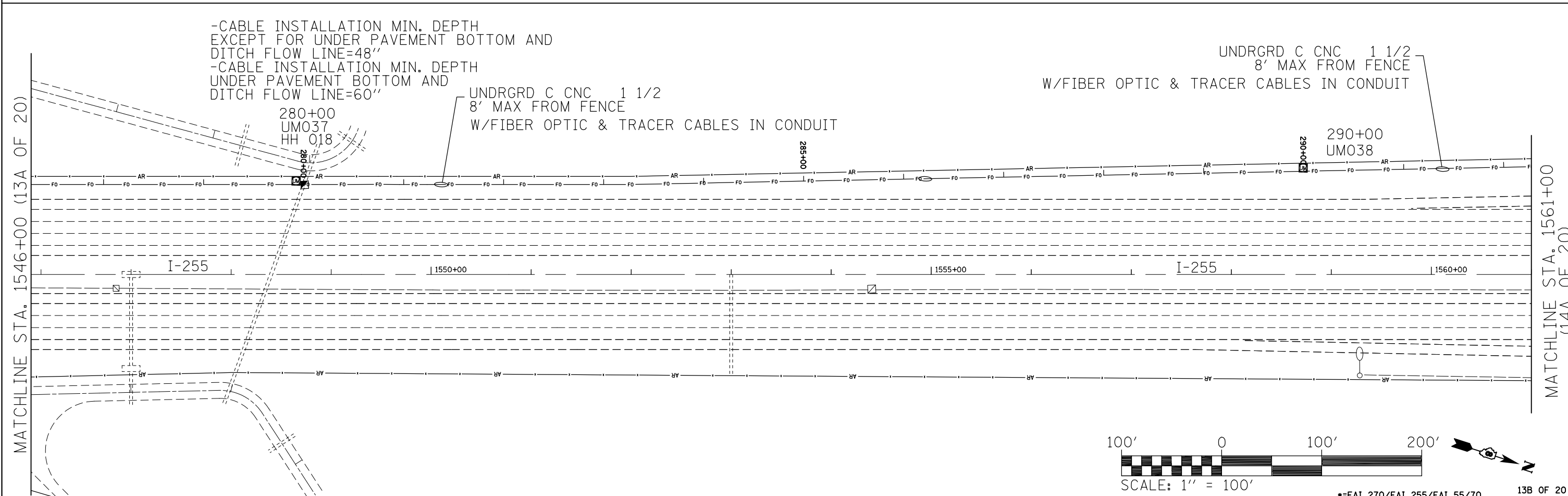
PLAN SHEET
IL 162 RAMP 1 STA. 6+50 TO I-255 STA. 1531+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 ITS 2013-1	MADISON	27	18
CONTRACT NO. 76F77				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				





13A OF 20



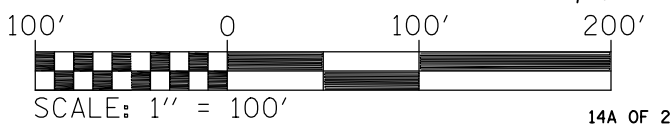
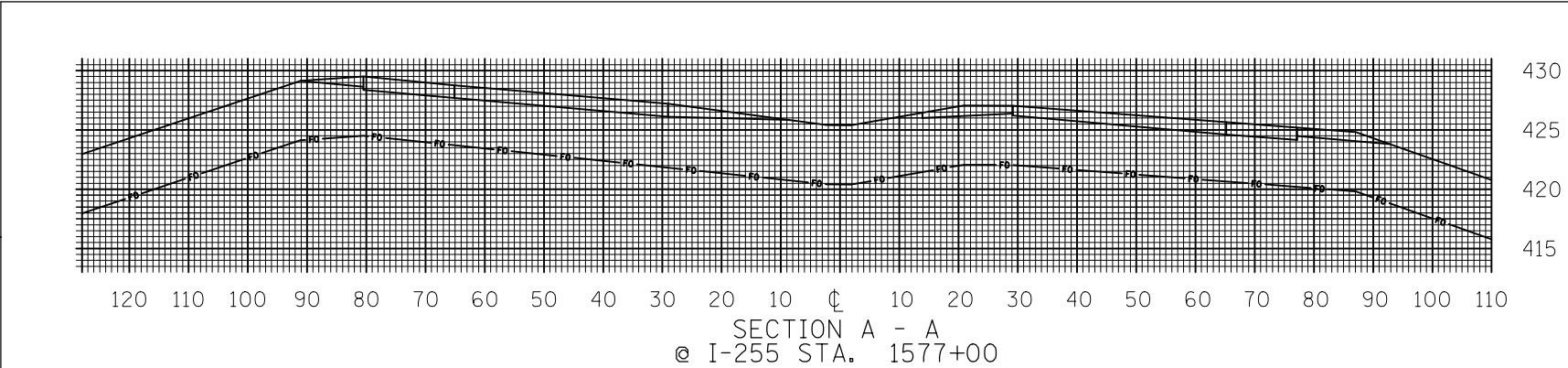
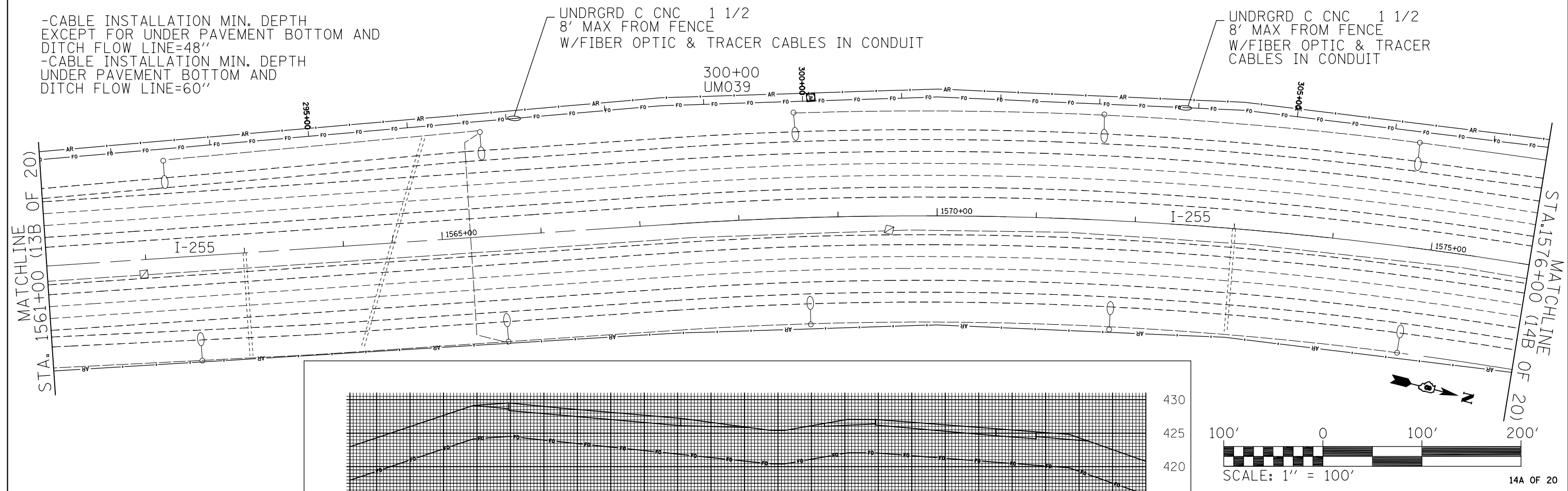
13B OF 20

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			*FAI 270/FAI 255/FAI 55/70	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS		STA.	TO STA.	CONTRACT NO. 76F77		
	PLOT DATE = 3/21/2013	DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT								

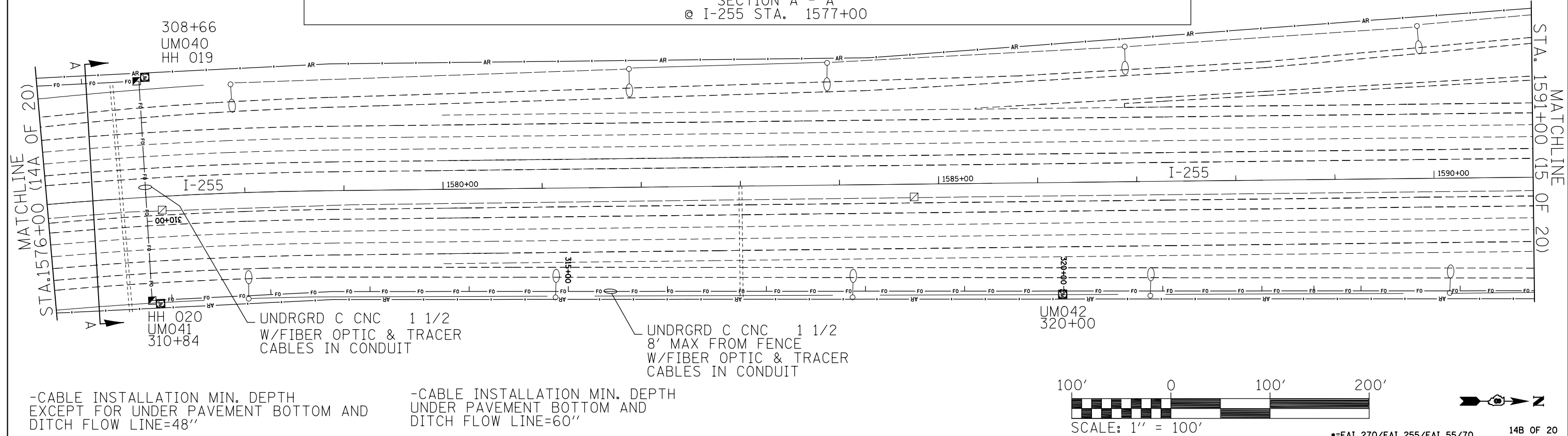
-CABLE INSTALLATION MIN. DEPTH EXCEPT FOR UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=48"
 -CABLE INSTALLATION MIN. DEPTH UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=60"

UNDRGRD C CNC 1 1/2
 8' MAX FROM FENCE
 W/FIBER OPTIC & TRACER CABLES IN CONDUIT

UNDRGRD C CNC 1 1/2
 8' MAX FROM FENCE
 W/FIBER OPTIC & TRACER CABLES IN CONDUIT



14A OF 20

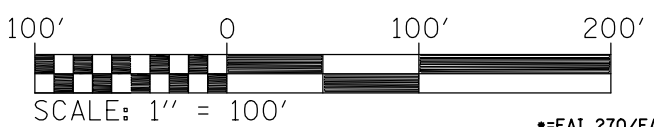


-CABLE INSTALLATION MIN. DEPTH EXCEPT FOR UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=48"

-CABLE INSTALLATION MIN. DEPTH UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=60"

UNDRGRD C CNC 1 1/2
 W/FIBER OPTIC & TRACER CABLES IN CONDUIT

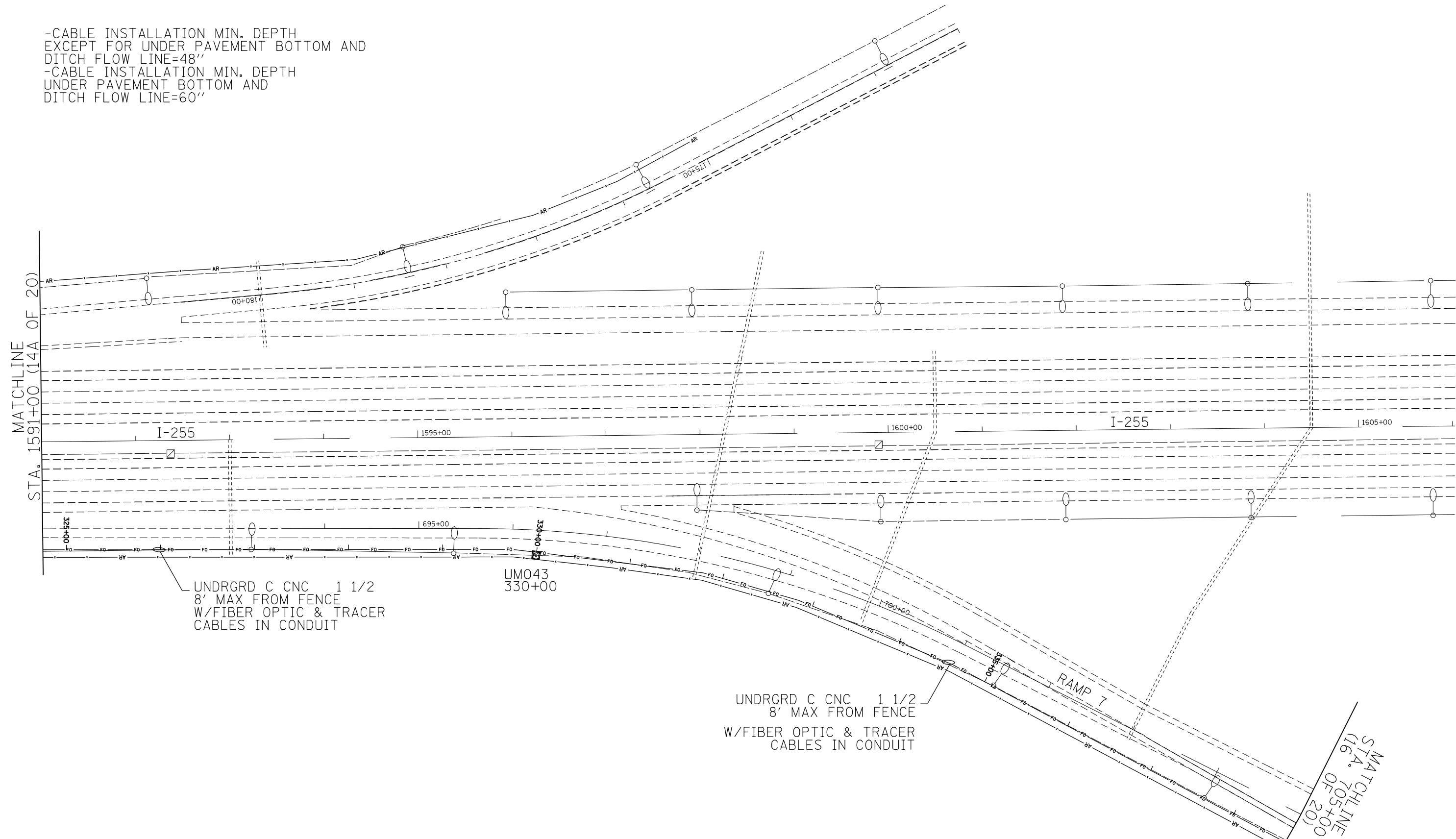
UNDRGRD C CNC 1 1/2
 8' MAX FROM FENCE
 W/FIBER OPTIC & TRACER CABLES IN CONDUIT



14B OF 20

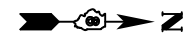
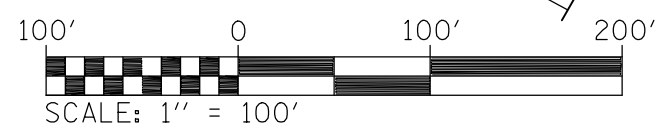
FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAN SHEET			*FAI 270/FAI 255/FAI 55/70	TOTAL SHEETS	SHEET NO.		
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	PLOT DATE = 3/21/2013	CHECKED -	REVISED -		I-255 STA. 1576+00 TO STA. 1591+00							
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS				STA.	TO STA.

-CABLE INSTALLATION MIN. DEPTH
EXCEPT FOR UNDER PAVEMENT BOTTOM AND
DITCH FLOW LINE=48"
-CABLE INSTALLATION MIN. DEPTH
UNDER PAVEMENT BOTTOM AND
DITCH FLOW LINE=60"



UNDRGRD C CNC 1 1/2
8' MAX FROM FENCE
W/FIBER OPTIC & TRACER
CABLES IN CONDUIT

UNDRGRD C CNC 1 1/2
8' MAX FROM FENCE
W/FIBER OPTIC & TRACER
CABLES IN CONDUIT



•=FAI 270/FAI 255/FAI 55/70 15 OF 20

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
I-255 STA. 1591+00 TO RAMP 7 STA. 705+00			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 ITS 2013-1	MADISON	27	21
CONTRACT NO. 76F77				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

MATCHLINE
STA. 705+00
(15 OF 20)

UM044
340+00

UNDRGRD C CNC 1 1/2"
8' MAX FROM FENCE
W/FIBER OPTIC & TRACER CABLES IN CONDUIT

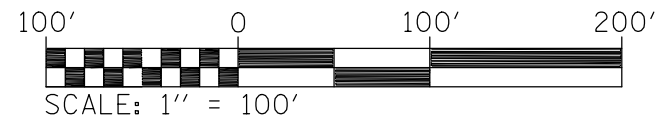
RAMP 6

RAMP 7

HH 021
UM045
350+00

1 1/2" CONDUIT
8' MAX FROM FENCE
W/FIBER OPTIC & TRACER CABLES IN CONDUIT

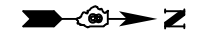
-CABLE INSTALLATION MIN. DEPTH
EXCEPT FOR UNDER PAVEMENT BOTTOM AND
DITCH FLOW LINE=48"
-CABLE INSTALLATION MIN. DEPTH
UNDER PAVEMENT BOTTOM AND
DITCH FLOW LINE=60"



MATCHLINE
STA. 705+00
(17 OF 20)

I-270

I-270



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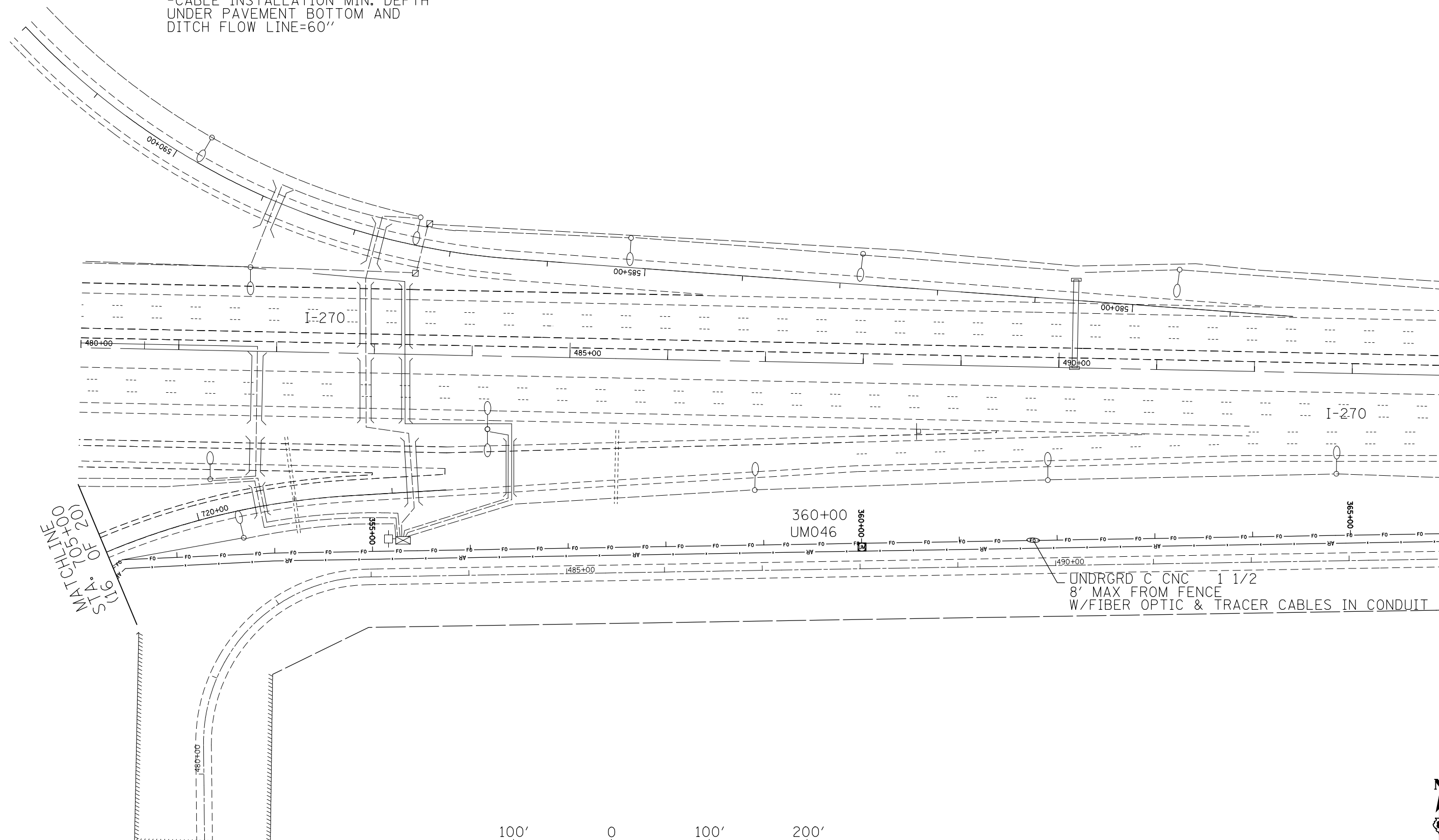
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
I-255 RAMP 7 STA. 705+00 TO STA. 719+00**

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

*FAI 270/FAI 255/FAI 55/70		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DIST 8 ITS 2013-1	MADISON	27	22
					CONTRACT NO. 76F77	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT				

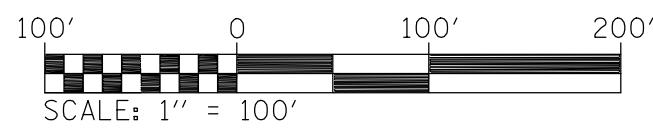
-CABLE INSTALLATION MIN. DEPTH
EXCEPT FOR UNDER PAVEMENT BOTTOM AND
DITCH FLOW LINE=48"
-CABLE INSTALLATION MIN. DEPTH
UNDER PAVEMENT BOTTOM AND
DITCH FLOW LINE=60"



MATCHLINE
STA. 479+50
(18A OF 20)

MATCHLINE STA. 494+00
(17 OF 20)

UNDGRD C CNC 1 1/2
8' MAX FROM FENCE
W/FIBER OPTIC & TRACER CABLES IN CONDUIT



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	PLOT DATE = 3/21/2013	DATE -	REVISED -

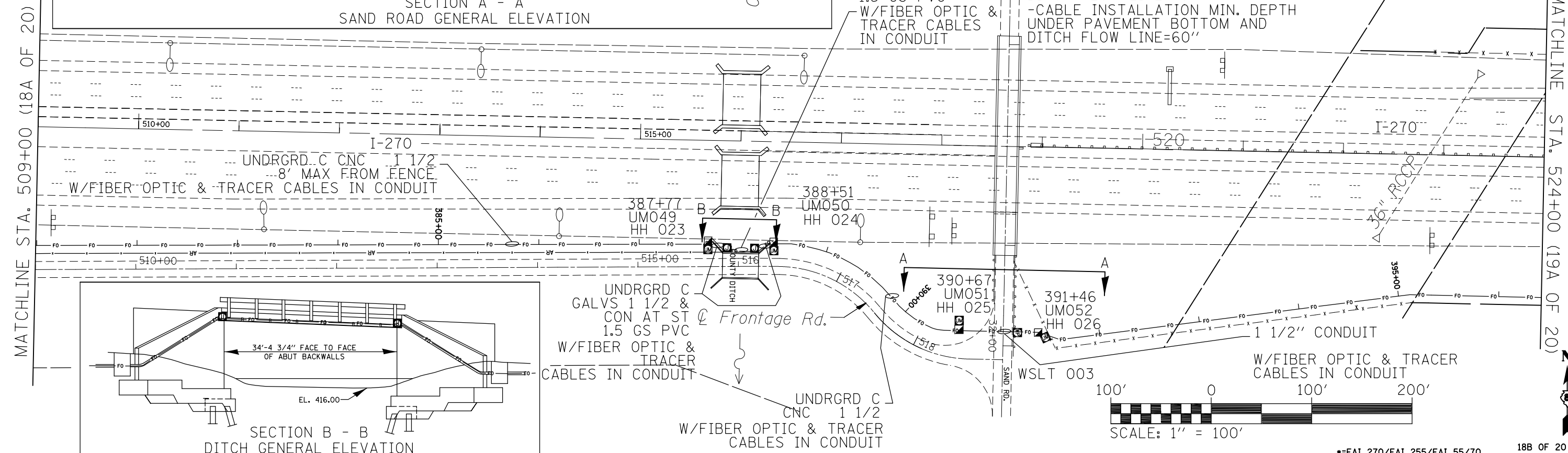
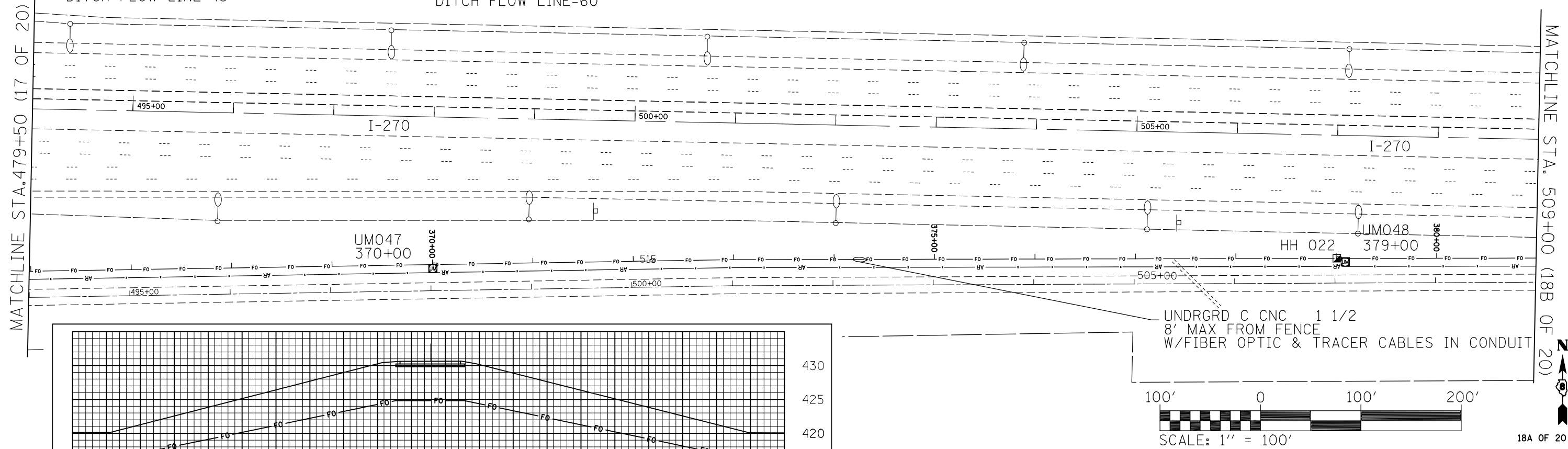
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEET
I-255 RAMP 7 STA. 719+00 TO I-270 STA. 494+00**

*FAI 270/FAI 255/FAI 55/70		17 OF 20	
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
•	DIST 8 ITS 2013-1	MADISON	27
		SHEET NO. 23	
		CONTRACT NO. 76F77	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

-CABLE INSTALLATION MIN. DEPTH EXCEPT FOR UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=48"

-CABLE INSTALLATION MIN. DEPTH UNDER PAVEMENT BOTTOM AND DITCH FLOW LINE=60"



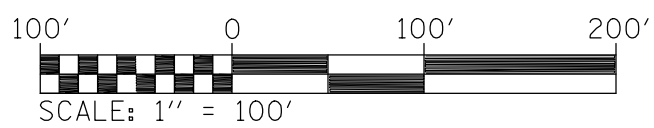
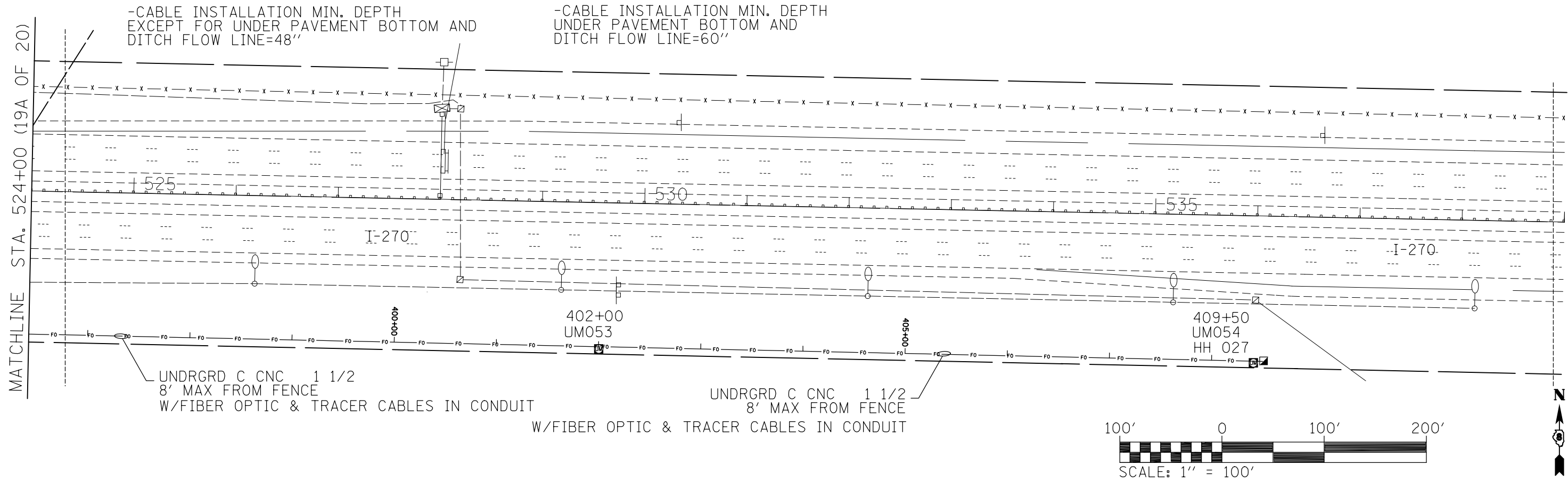
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2013	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET
I-270 STA. 494+00 TO STA. 509+00
I-270 STA. 509+00 TO STA. 524+00

*FAI 270/FAI 255/FAI 55/70		TOTAL SHEETS	SHEET NO.
F.A.I. RTE.	SECTION	COUNTY	NO.
	DIST 8 ITS 2013-1	MADISON	27 24
CONTRACT NO. 76F77			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

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



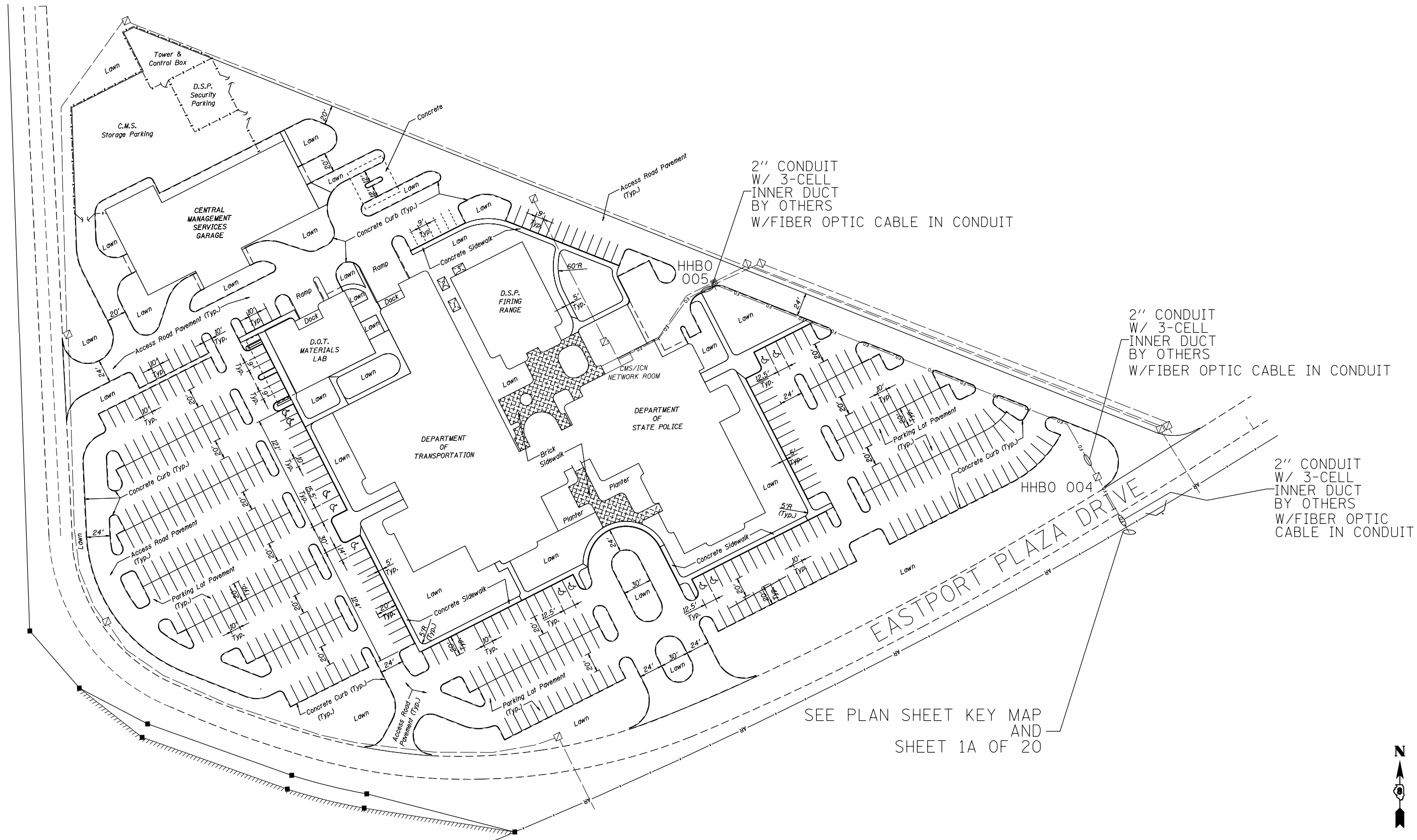
19A OF 20

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
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	PLOT DATE = 3/21/2013	DATE -	REVISED -

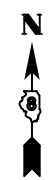
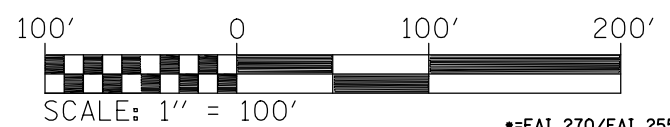
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEET			
I-270 STA. 494 + 00 TO STA. 508 + 50			
I-270 STA. 508 + 50 TO STA. 523 + 00			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

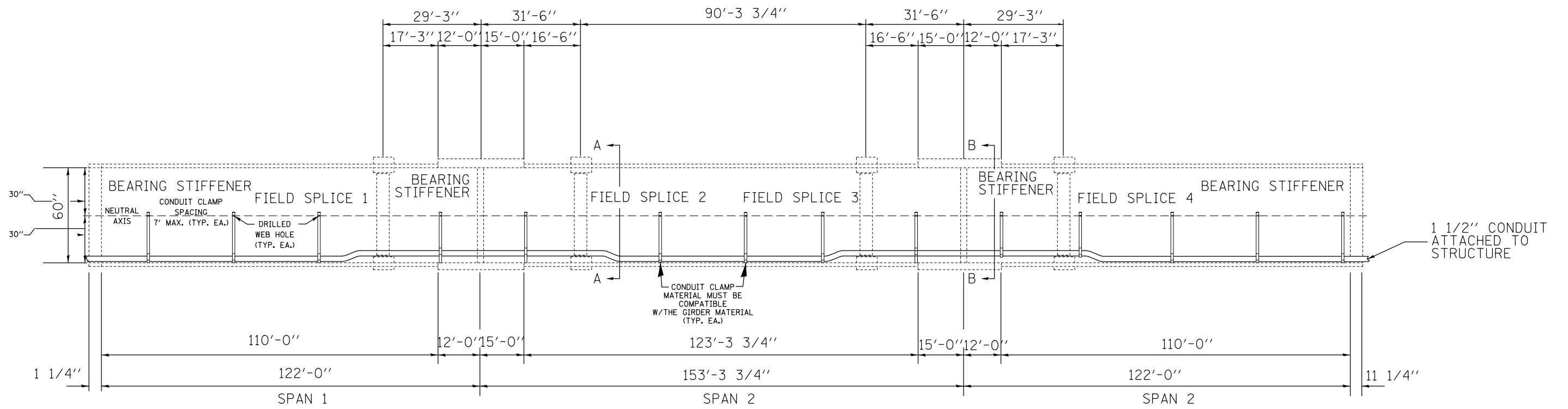
*FAI 270/FAI 255/FAI 55/70				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 ITS 2013-1	MADISON	27	25
CONTRACT NO. 76F77				
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



SEE PLAN SHEET KEY MAP AND SHEET 1A OF 20



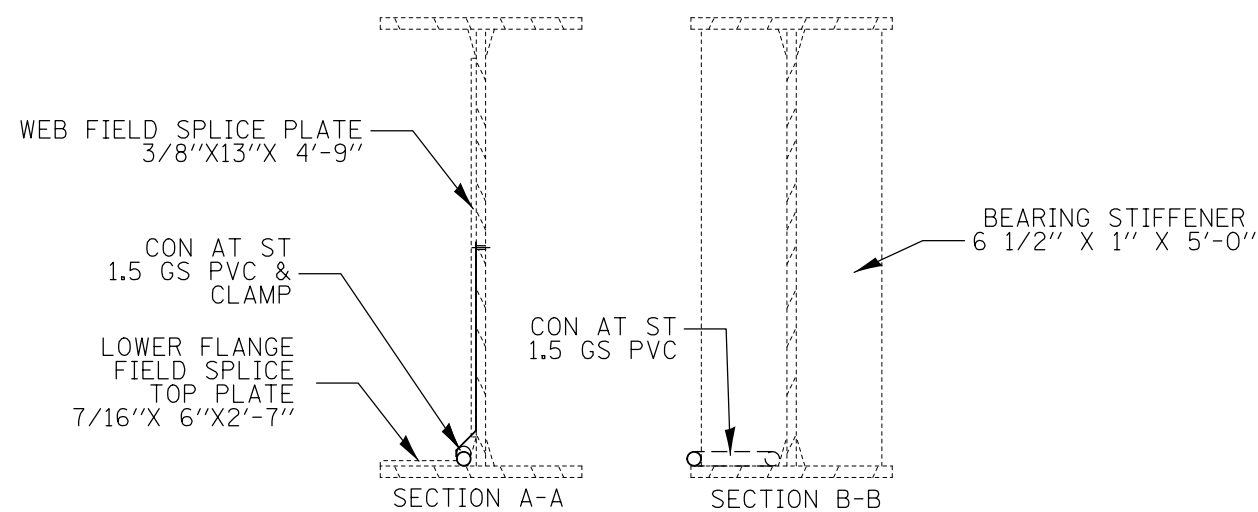
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et:\pwork\pwork\prestonme\d0298000\d076f77-sht-ITS.dgn		DRAWN -	REVISED -		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED -		•	DIST 8 ITS 2013-1	MADISON	27	26
PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED -		CONTRACT NO. 76F77				
PLOT DATE = 3/21/2013				SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.
						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT	



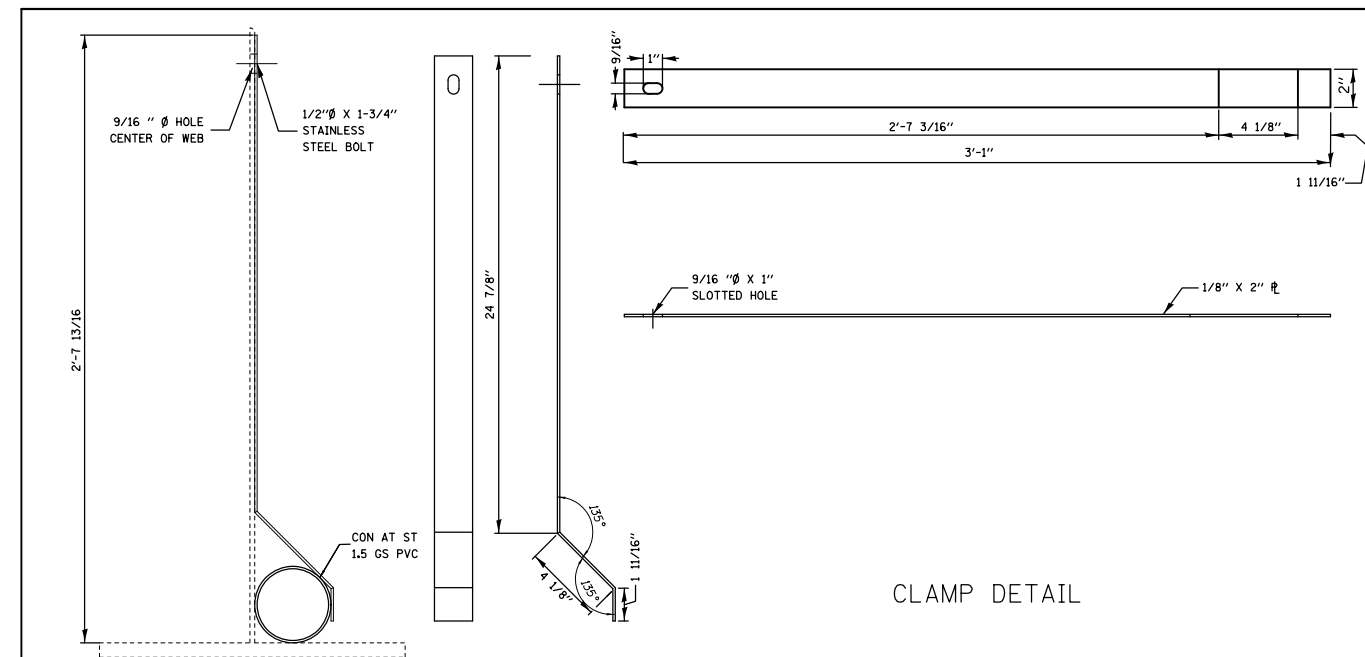
TYPICAL STINGER ELEVATION

THE GIRDER WEB IS 60" X 9/16" FLANGE IS NOMINALLY 6 5/8"
 THE LOWER FLANGE FIELD SPLICE TOP PLATE IS 7/16" X 6" X 2'-7"
 THE WEB SPLICE PLATE IS 3/8" X 13" X 4'-9"
 THE BEARING STIFFENERS ARE 6 1/2" X 1" X 5'-0"

THE COST OF GRIDER DRILLING, FURNISHING AND INSTALLING CLAMPS
 AND CONFORMING CONDUIT AROUND AND/OR OVER BEARING STIFFENERS
 AND FIELD SPLICES SHALL BE INCLUDED IN THE UNIT PRICE OF THE
 CONDUIT ATTACHED TO STRUCTURE.



CONDUIT ATTACHED TO STRUCTURE
 OVER CAHOKIA CANAL AT
 STA. 1479+10 (STR. NO. 060-0219)



CLAMP DETAIL

FILE NAME =	USER NAME = prestonme	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 3/21/2013	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CONDUIT ATTACHED TO STRUCTURE (CAHOKIA CANAL)

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

•=FAI 270/FAI 255/FAI 55/70

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	DIST 8 ITS 2013-1	MADISON	27	27
CONTRACT NO. 76F77				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				