

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

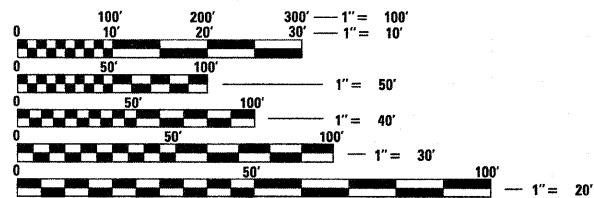
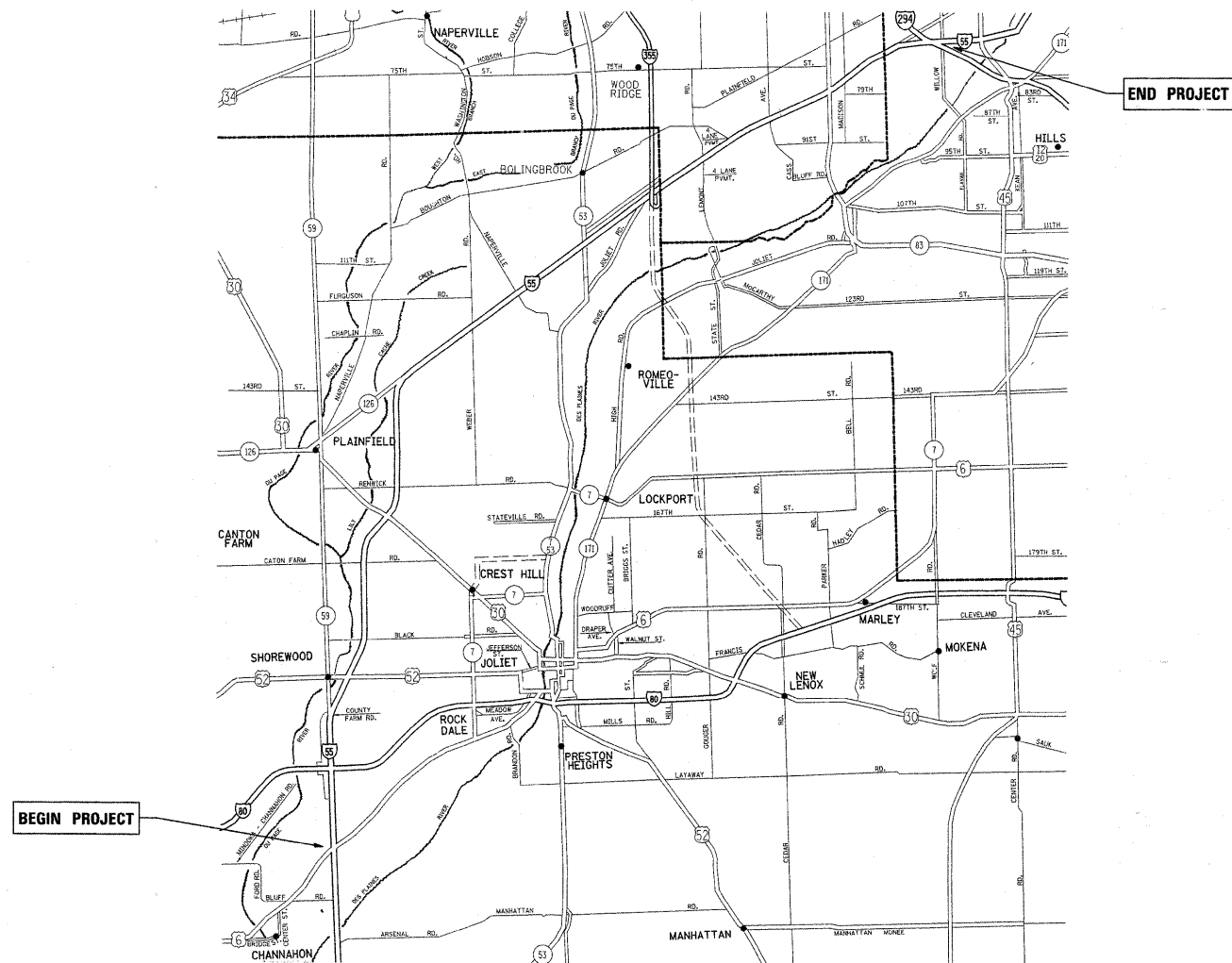
**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 55
U.S. 6 TO I-294
SECTION 2007-062 I
CCTV CAMERA EXPANSION
WILL, DUPAGE & COOK COUNTY
PROJECT: CMI-055-6(236)249
C-91-159-08

FOR INDEX OF SHEETS, SEE SHEET NO. 2

F.A.I. RTE. F5	SECTION 2007-062 I	COUNTY ILLINOIS	TOTAL SHEETS 74	SHEET NO. 1
CONTRACT NO. 60E01				

*74+2=76



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 - ROLAND TOMSONS
PROJECT MANAGER - MARK JENKINS

CONTRACT NO. 60E01

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED MARCH 16, 20 09

Diane M. O'Keefe DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
May 8, 20 09

Charles G. Ingersoll ENGINEER OF DESIGN AND ENVIRONMENT
May 8, 20 09

Christine M. Reed DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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1	TITLE SHEET
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HIGHWAY STANDARDS

701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-03	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701301-03	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701501-05	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES

GENERAL NOTES

LOCATIONS OF THE CCTV CAMERA INSTALLATIONS ARE APPROXIMATE. THE CONTRACTOR MAY ADJUST THE LOCATIONS OF THE INSTALLATIONS UP TO 400 FEET TO FACILITATE INSTALLATION WITH WRITTEN APPROVAL OF THE RESIDENT ENGINEER AND THE ELECTRICAL DESIGN SECTION. ALL STANDARD NON-FRANGIBLE SETBACK REQUIREMENTS AS WELL AS CLEAR ZONE REQUIREMENTS SHALL BE MAINTAINED.

THE CONTRACTOR SHALL EXERCISE CARE WITH THE INSTALLATION OF UNDERGROUND EQUIPMENT AS THERE ARE EXISTING PRIVATELY OWNED FIBER OPTIC FACILITIES WITHIN THE PROJECT LIMITS. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO CONTACT ANY UTILITIES IN THE WORK ZONE AND REQUEST UTILITY LOCATES.

THE CONTRACTOR SHALL BE AWARE OF THE DOCUMENTATION REQUIREMENTS WHICH REQUIRE GPS DATA ACQUISITION.

BACKHAUL RADIO EQUIPMENT IS NOT SHOWN ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE QUANTITY AND LOCATION OF THE BACKHAUL RADIOS BASED ON THE CONTRACTOR'S EQUIPMENT MANUFACTURER SELECTION TO COMPLY WITH THE SPECIAL PROVISIONS. THE BACKHAUL RADIO SYSTEM IS INCLUDED IN THE PAY ITEM FOR WIRELESS VIDEO DISTRIBUTION SYSTEM, AND WILL NOT BE PAID FOR SEPARATELY.

FIBER OPTIC SLACK SHALL BE 50 FEET FOR EACH CABLE AT HANDHOLES WHERE SPLICING IS INDICATED. FIBER OPTIC CABLE SLACK SHALL BE 100 FEET FOR EACH CABLE AT HANDHOLES WHERE NO SPLICING IS INVOLVED; UNLESS OTHERWISE INDICATED.



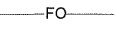




THE ELECTRICAL MAINTENANCE CONTRACTOR (EMC) SHALL BE CONTACTED FOR

RECORD DRAWINGS OF THE EXISTING LIGHTING INSTALLATIONS FOR POWER ARE AVAILABLE FOR REVIEW AT THE DISTRICT ELECTRICAL DESIGN SECTION OFFICE WITH 48 HOUR ADVANCE NOTICE.

BORING LOGS OF THE I-55 MAINLINE ARE AVAILABLE FOR REVIEW AT THE DISTRICT ELECTRICAL DESIGN SECTION OFFICE. WITH 48 HOUR ADVANCE NOTICE.

ALL RACEWAYS SHALL BE INSTALLED AT A MINIMUM DEPTH OF 30-INCHES.

LEGEND AND SYMBOLS

	CCTV CAMERA, 80 FT. MOUNTING HEIGHT
	ELECTRIC SERVICE
	FIBER OPTIC CABLE, SINGLE MODE, NUMBER OF FIBERS AS INDICATED
	UNIT DUCT, 2-1/C #8 AND 1/C #10 GND UNLESS OTHERWISE INDICATED
	CONTROL CABINET
	GALVANIZED RIGID STEEL CONDUIT
	HANDHOLE, COMPOSITE CONCRETE, 30" X 48" UNLESS OTHERWISE INDICATED.

ABBREVIATIONS

Prefix	Component
ADF	Add/Drop, Fiber Optic (CWDM or other)
CAX	Coax Cable
CSC	Cable Splice, Copper
CSF	Cable Splice, Fiber Optic
CTD	CCTV Camera, Dome
CTF	CCTV Camera, Fixed Position
CBT	Channel Bank, T1
CCC	Control Cable, Copper
CVB	Controller, Video, Backup
CVP	Controller, Video, Primary
DAV	Distribution Amplifier, Video
DCC	Distribution Cable, Copper
DCF	Distribution Cable, Fiber Optic
DEC	Decoder (Codec MPEG2)
DMS	Dynamic Message Sign
VRD	Video Recorder, Digital
ENC	Encoder (Codec MPEG2)
ETH	Ethernet Cable
HHL	Handhole
JBC	Junction Box, Control (copper)
JBF	Junction Box, Fiber Optic Cable
JBP	Junction Box, Power
KBD	Keyboard
LDI	Loop Detector, Induction
LDM	Loop Detector, Microloop
MDF	Mux/Demux, Fiber (CWDM)
MON	Monitor, Computer
MVD	Monitor, Video
MVR	Monitor, Video, Flat Panel Rack (LCD rack)
MXS	Multiplexer, SONET
PCE	Patch Cable, Ethernet
PCF	Patch Cable, Fiber
PLP	Pulling Pedestal
PPC	Patch Panel, Copper
PPE	Patch Panel, Ethernet
PPF	Patch Panel, Fiber
PPV	Patch Panel, Video

RMC	Radio, Microwave, Control (unlicensed)
RMV	Radio, Microwave, Video (unlicensed)
RXF	Receiver, Fiber Optic
RXT	Receiver, FSK Tone
SCF	Splitter/Combiner, Fiber Optic (CWDM)
SPV	Signal Splitter, Video
SSV	Selector Switch, Video (manual)
SWE	Switch, Ethernet
SWV	Switch, Video
TCC	Trunk Cable, Copper
TCF	Trunk Cable, Fiber Optic
TLC	TLC Watch Equipment
TXF	Transmitter, Fiber Optic
TXT	Transmitter, FSK Tone
VCD	Video Capture Device
VCL	Video Control Location
VCP	Video Collection Point
WST	User Work Station

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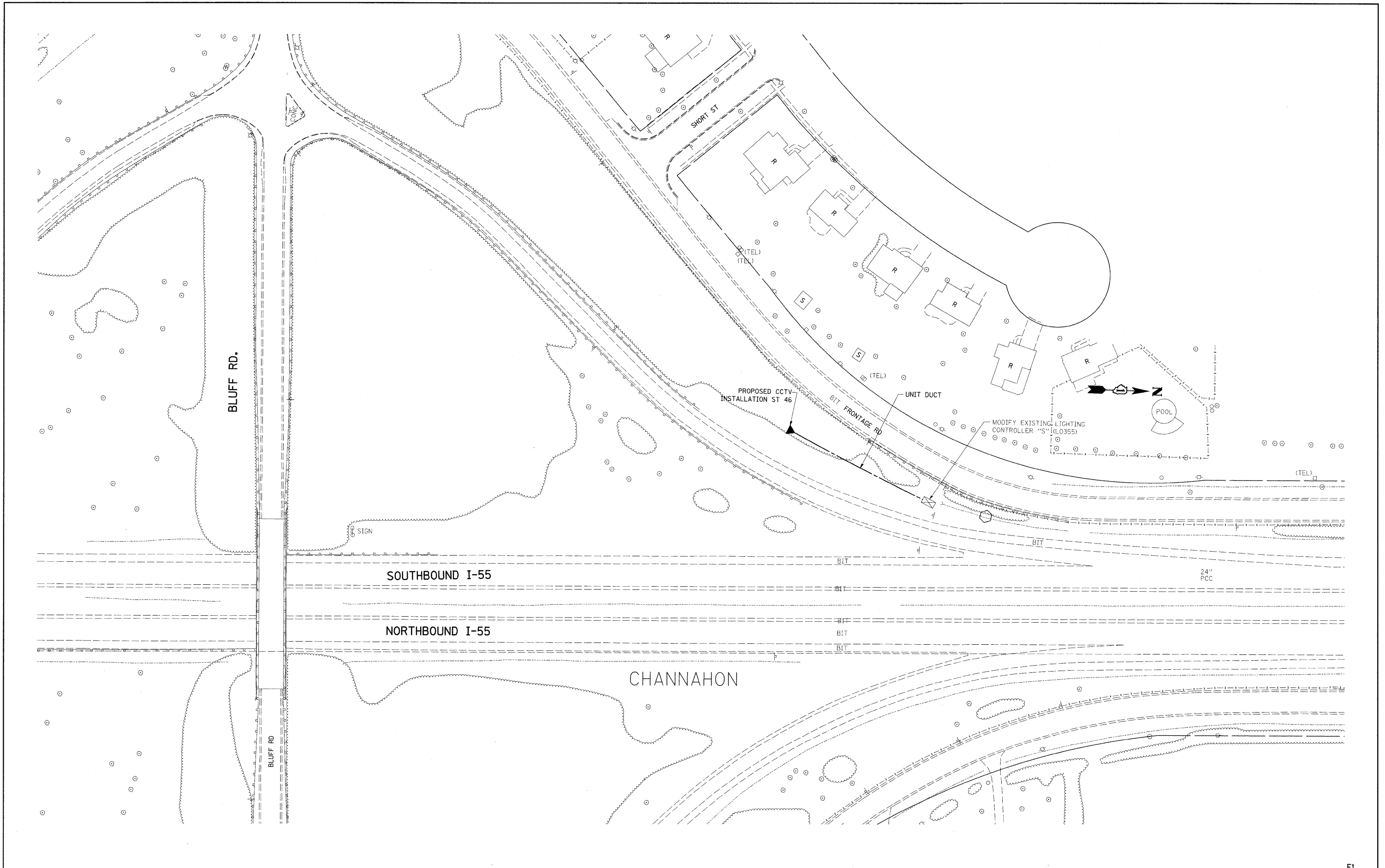
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION - FAI 55 (US 6 TO I-294)
INDEX OF SHEETS, STANDARDS & NOTES**

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			60E01	
ILLINOIS FED. AID PROJECT				

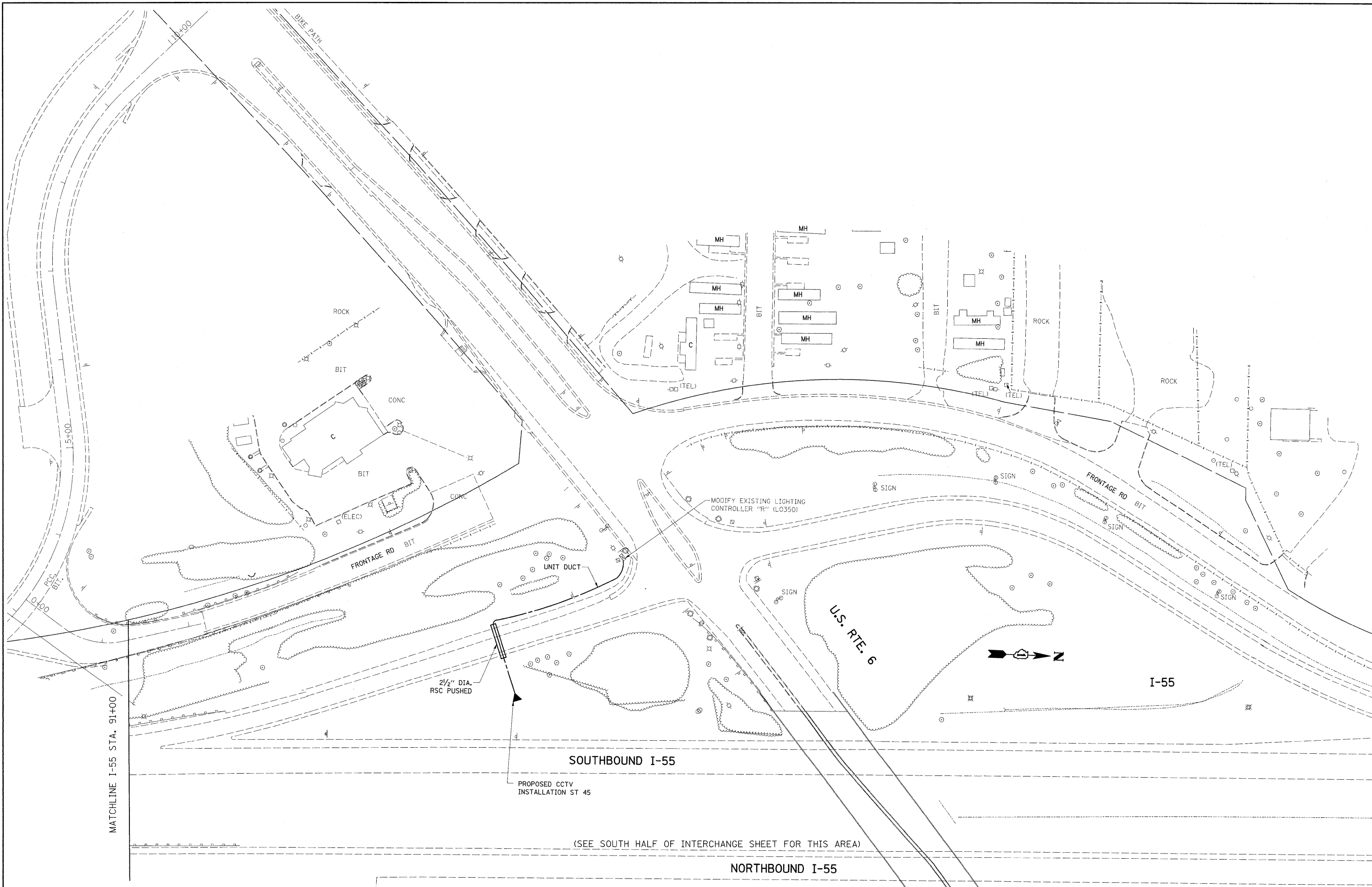
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CODE NO	ITEM	UNIT		WILL Y032-1F	DUPAGE Y032-1F	COOK Y032-1F				CODE NO		ITEM	UNIT	WILL Y032-1F	DUPAGE Y032-1F	COOK Y032-1F			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	9	6.2	2.1	0.7				70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	0.69	0.23	0.08			
67100100	MOBILIZATION	L SUM	1	0.69	0.23	0.08				20076600 TRAINEES	Hour	500	500						
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	0.69	0.23	0.08													
80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1	0.69	0.23	0.08													
81300960	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 42" X 36" X 12"	EACH	2	2	0	0													
X0326459	HANDHOLE, COMPOSITE CONCRETE, 30" X 48"	EACH	19	19	0	0													
81900200	TRENCH AND BACKFILL FOR ELECTRICAL WORK	FOOT	34584	31691	2552	341													
X0323898	CLOSED CIRCUIT TELEVISION DOME CAMERA	EACH	39	27	9	3													
X0323914	FIBER OPTIC CABLE SPLICE - LATERAL	EACH	5	5	0	0													
X0323957	FIBER OPTIC CABLE SPLICE - MAINLINE	EACH	1	1	0	0													
X0326460	CLOSED CIRCUIT TELEVISION EQUIPMENT, WIRELESS DISTRIBUTION	EACH	102	34	34	34													
X0326461	CLOSED CIRCUIT TELEVISION EQUIPMENT, FIBER OPTIC DISTRIBUTION	EACH	15	5	5	5													
X0326463	WIRELESS VIDEO DISTRIBUTION SYSTEM	L SUM	1	0.69	0.23	0.08													
X0326465	MODIFICATION OF EXISTING VIDEO DISTRIBUTION SYSTEM	L SUM	1	0.69	0.23	0.08													
X0324794	COMMUNICATIONS SHELTER, 10.0' X 12.0'	EACH	1	1	0	0													
X0326464	CLOSED CIRCUIT TELEVISION CAMERA STRUCTURE, 80 FT. MOUNTING HEIGHT	EACH	39	27	9	3													
X0325040	FIBER OPTIC INNERDUCT 1 1/4" DIA.	FOOT	47740	47740	0	0													
X8050010	SERVICE INSTALLATION - GROUND MOUNTED	EACH	13	10	3	0													
81100705	CONDUIT ATTACHED TO STRUCTURE, 2 1/2" DIA., GALVANIZED STEEL PVC COATED	FOOT	220	220	0	0													
81101005	CONDUIT ATTACHED TO STRUCTURE, 4" DIA., GALVANIZED STEEL PVC COATED	FOOT	275	275	0	0													
81000700	CONDUIT IN TRENCH, 2 1/2" DIA., GALVANIZED STEEL	FOOT	715	550	165	0													
X8160162	UNIT DUCT, 2-1/C NO. 8, 1/C NO. 10 GROUND, 600V, (EPR-TYPE RHW), 1 1/4" DIA. POLYETHYLENE	FOOT	11803	8228	3135	440													
X8710028	FIBER OPTIC CABLE 6 FIBERS, SINGLE MODE	FOOT	1380	1380	0	0													
X8710035	FIBER OPTIC CABLE 96 FIBERS, SINGLE MODE	FOOT	48740	48740	0	0													
89502200	MODIFY EXISTING CONTROLLER	EACH	26	16	7	3													
81018600	CONDUIT PUSHED, 2 1/2" DIAMETER, GALVANIZED STEEL	FOOT	1364	517	748	99													
81018900	CONDUIT PUSHED, 4" DIAMETER, GALVANIZED STEEL	FOOT	946	946	0	0													
XX006937	GROUND ROD, 5/8" DIA. X 10 FT.	EACH	39	27	9	3													
X0326462	BUDGETARY ALLOWANCE FOR TOLLWAY FIBER OPTIC CONNECTION	L SUM	1	0.69	0.23	0.08													



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PLOT DATE = 3/18/2009	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

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



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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION-FAI 55 (US 6 TO I-294)
 CAMERA ST 45 - US RTE 6**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			74	6
CONTRACT NO. 60E01			ILLINOIS FED. AID PROJECT	

MATCHLINE I-55 STA. 105+00

MATCHLINE I-55 STA. 91+00

SOUTHBOUND I-55

NORTHBOUND I-55

(SEE SOUTH HALF OF INTERCHANGE SHEET FOR THIS AREA)

2 1/2" DIA.
 RSC PUSHED

PROPOSED CCTV
 INSTALLATION ST 45

U.S. RTE. 6

I-55



MODIFY EXISTING LIGHTING
 CONTROLLER "R" (L0350)

UNIT DUCT

FRONTAGE RD BIT

(ELEC)

CONC

BIT

ROCK

CONC

BIT

ROCK

BIT

ROCK

BIT

ROCK

BIT

ROCK

BIT

ROCK

BIT

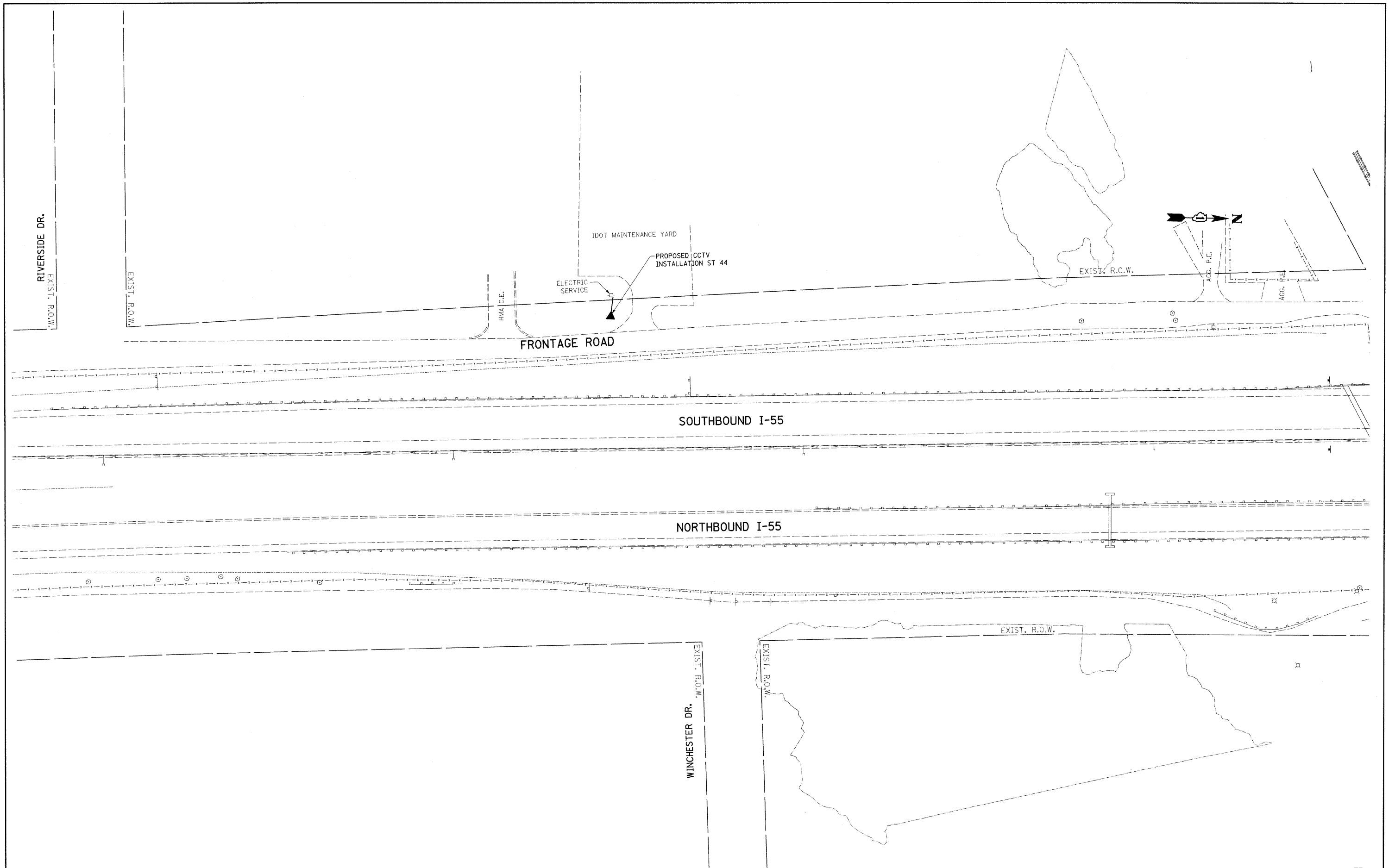
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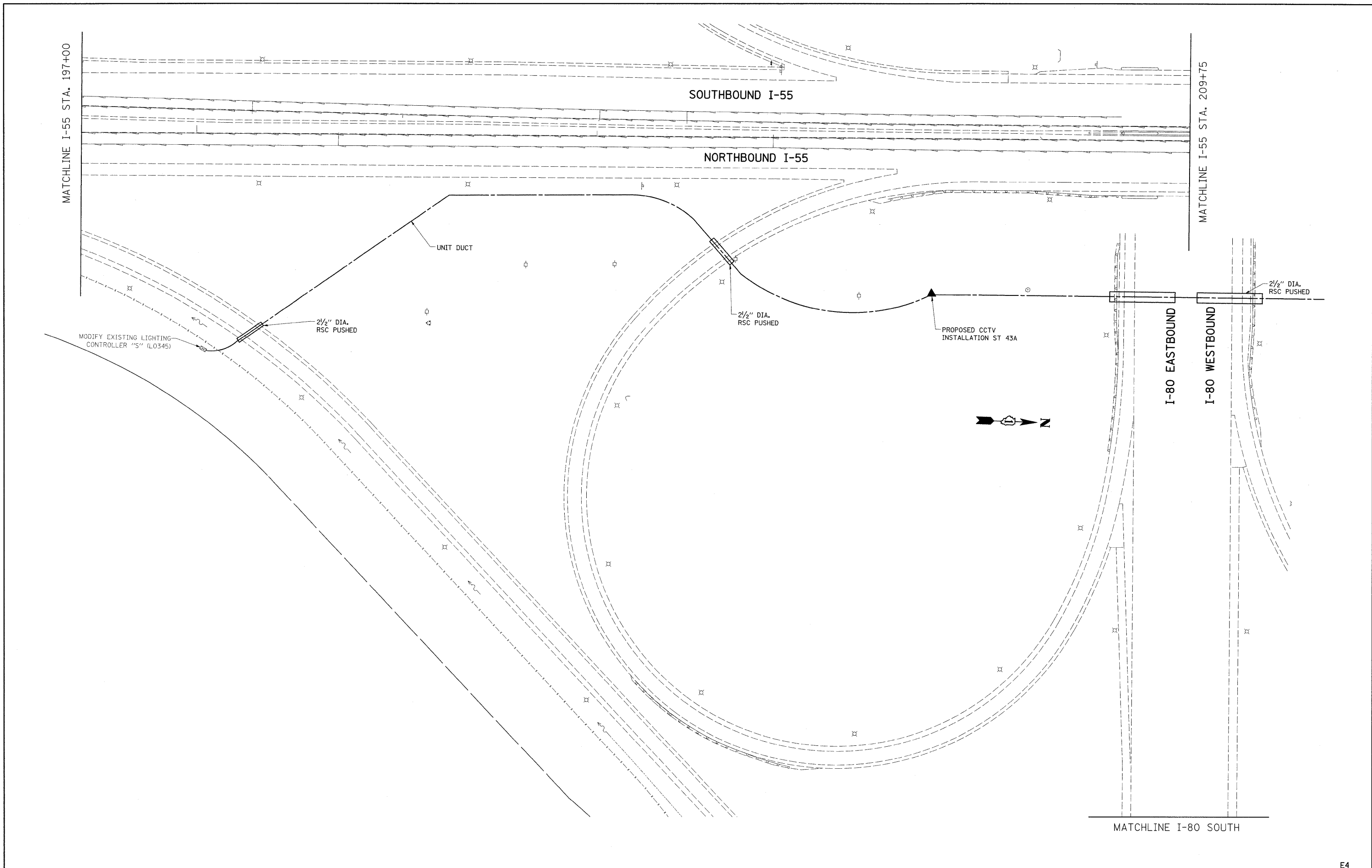
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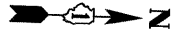
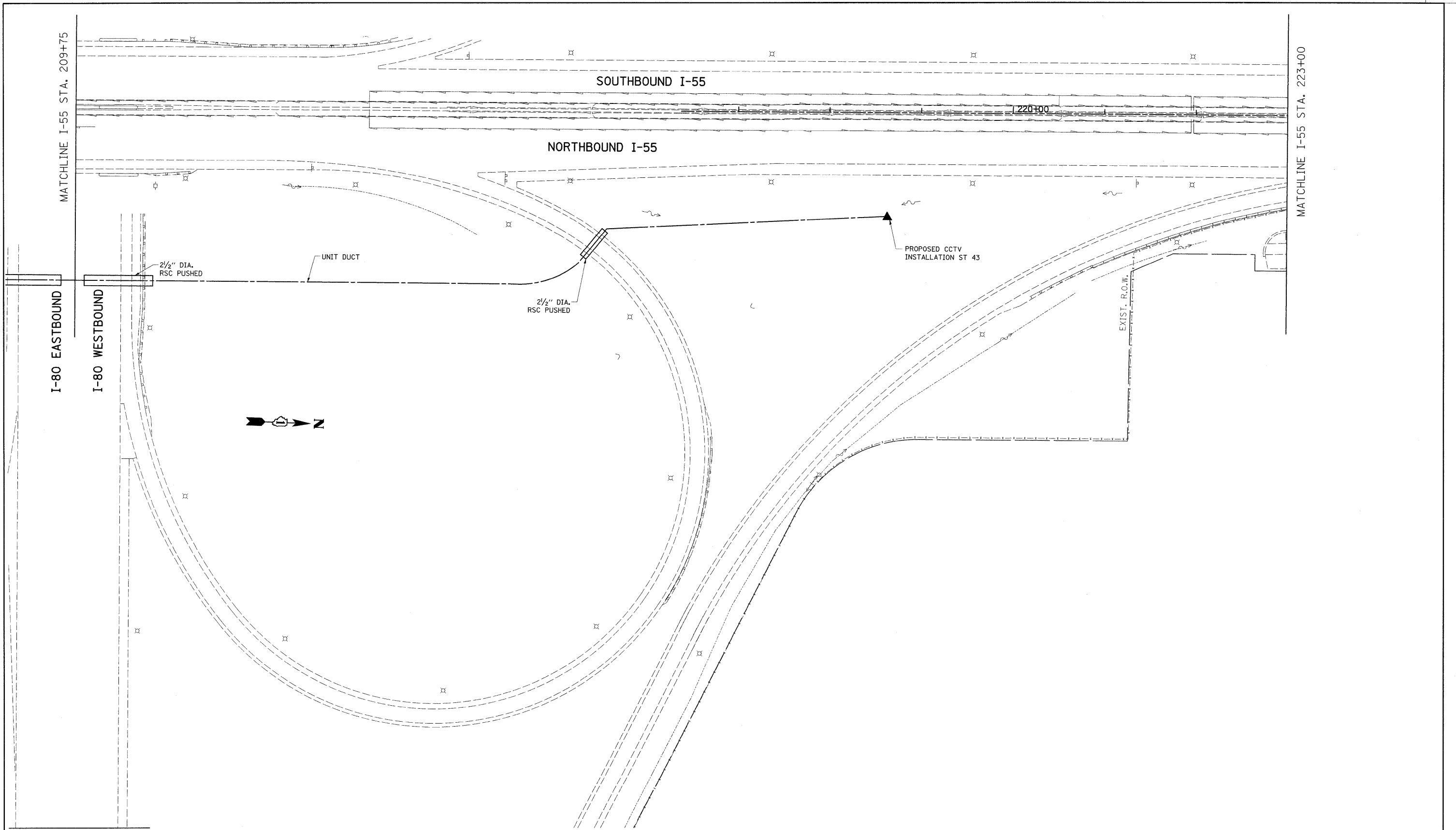
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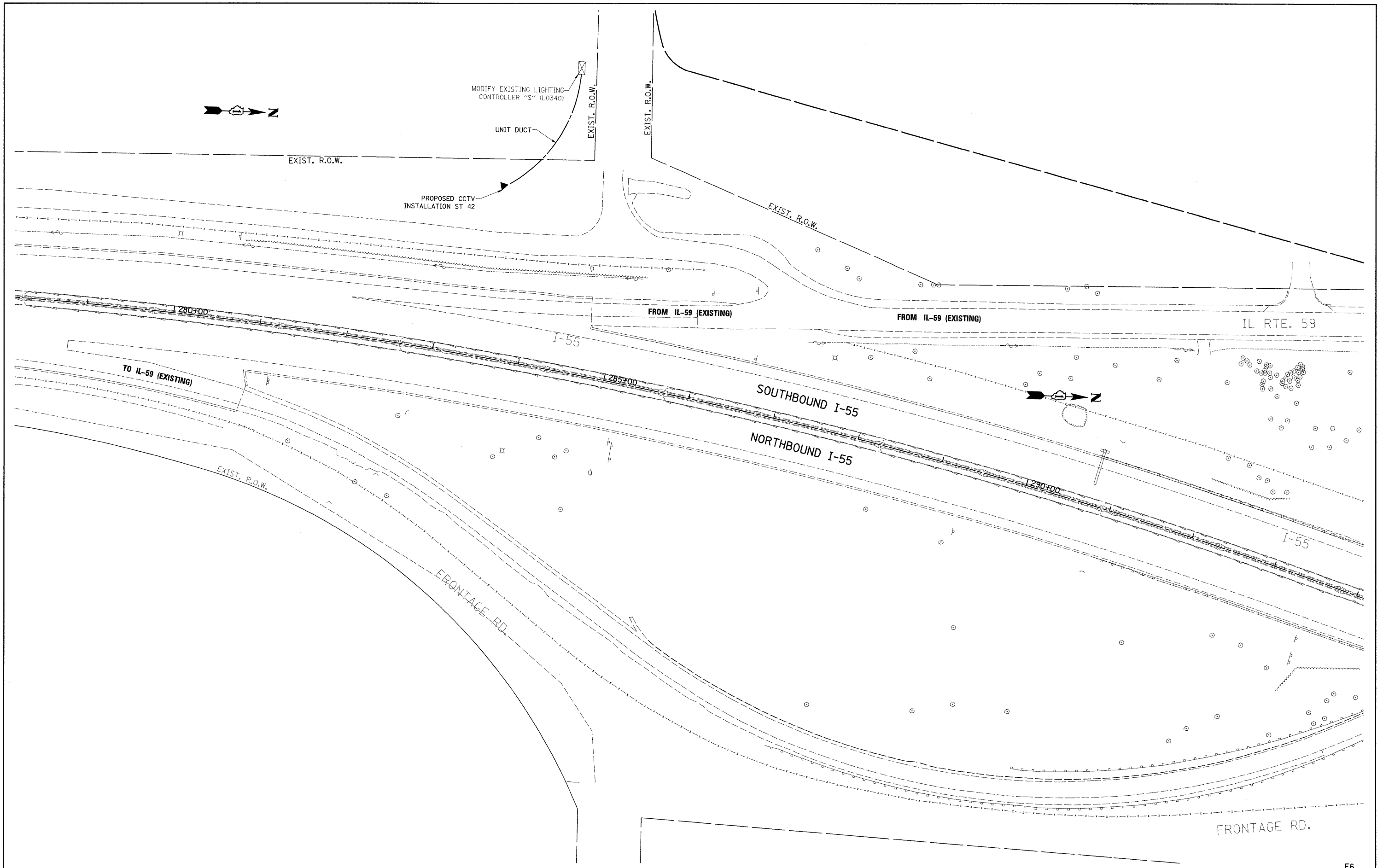


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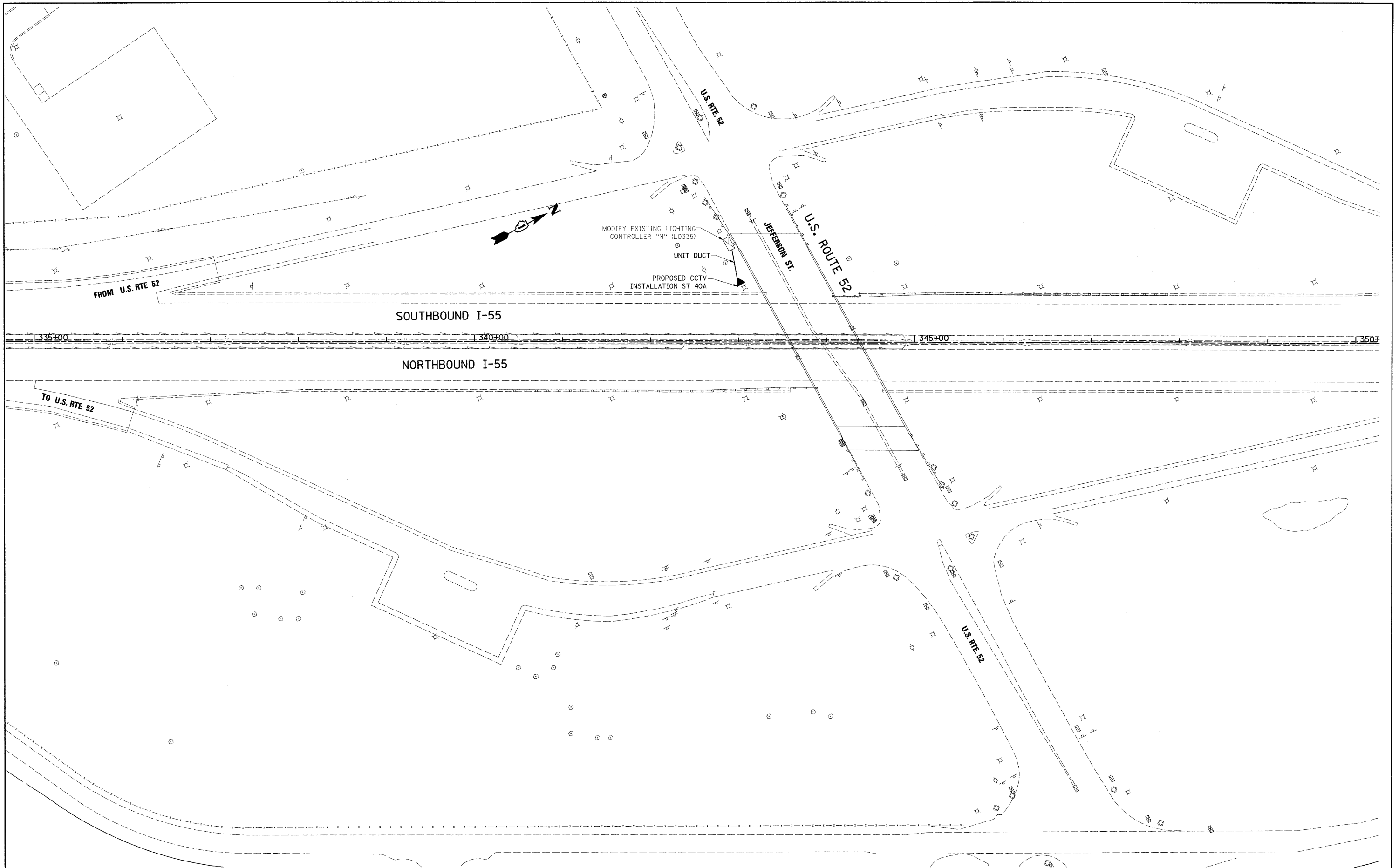


MATCHLINE I-80 SOUTH

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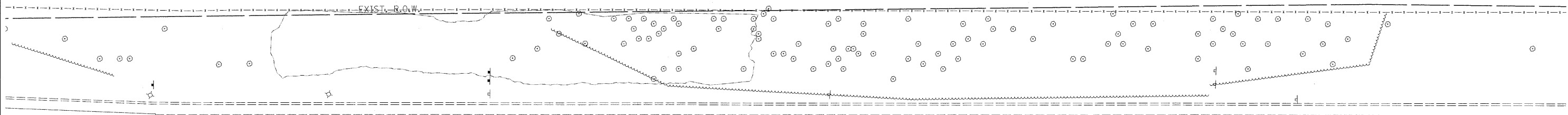
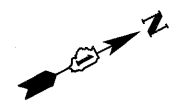
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION-FAI 55 (US 6 TO I-294)
 CAMERA ST 40a - US RTE 52**

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

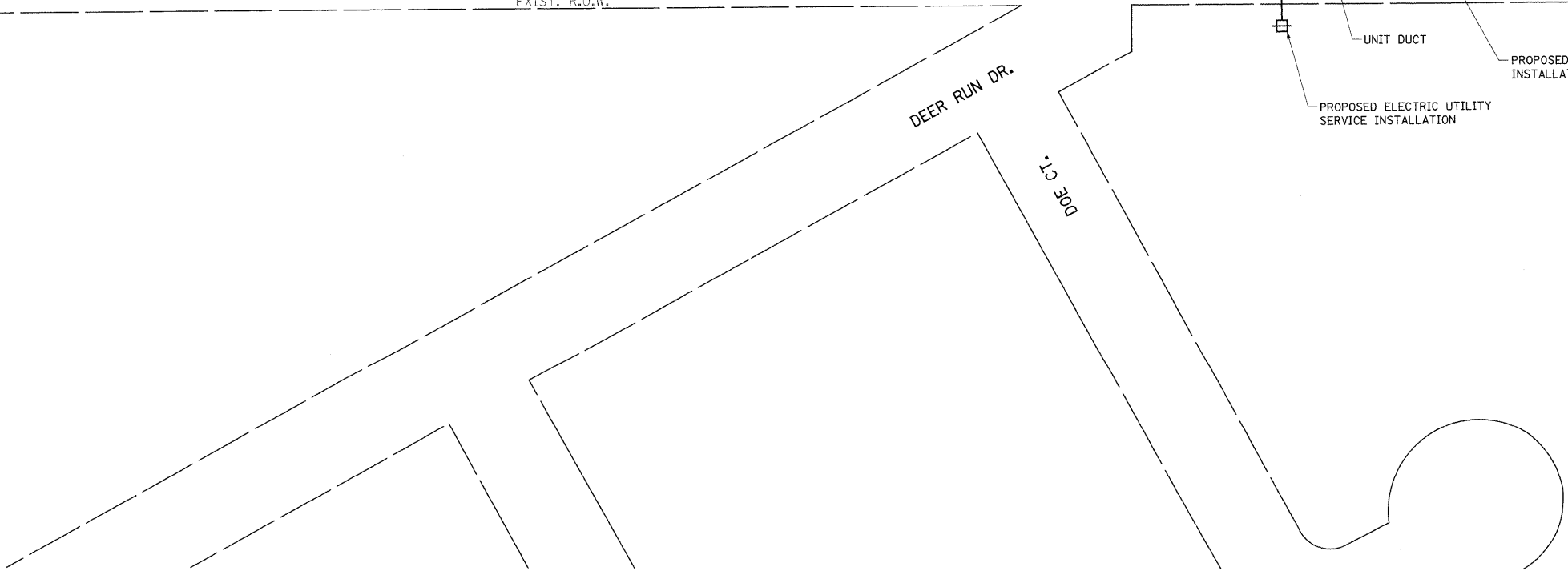
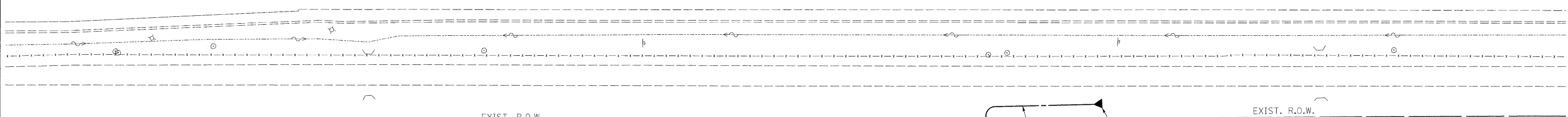
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FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60E01	



SOUTHBOUND I-55



NORTHBOUND I-55



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	PLOT DATE = 3/18/2009	DATE -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.				
						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		



EXIST. R.O.W.

SOUTHBOUND I-55

NORTHBOUND I-55

PROPOSED CCTV
INSTALLATION ST 38

UNIT DUCT

EXIST. R.O.W.

EXIST. R.O.W.

HARRIS DR.

EXIST. R.O.W.

EXIST. R.O.W.

EXIST. R.O.W.

EXISTING DMS 34

460+00

465+00

470+00

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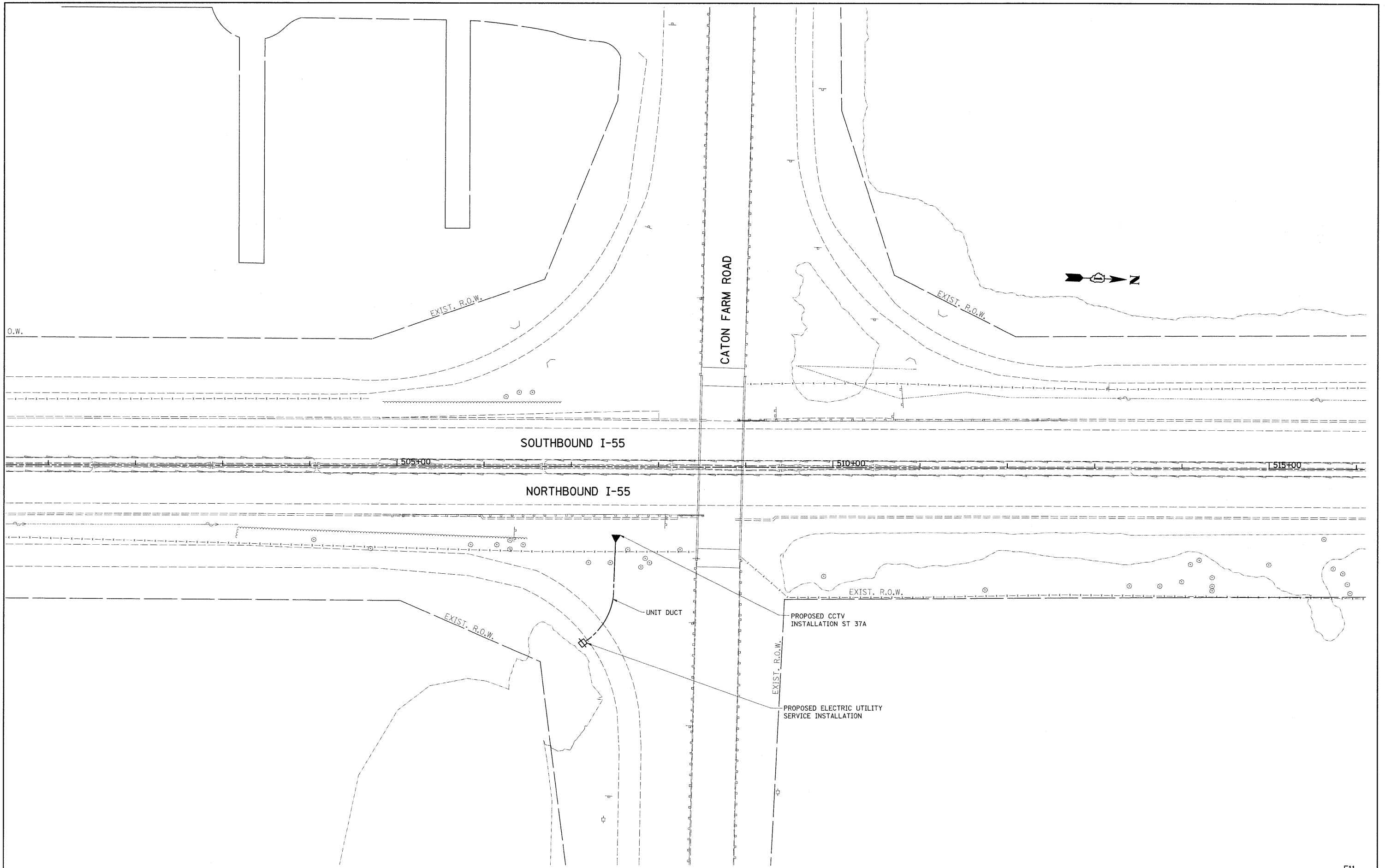
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION-FAI 55 (US 6 TO I-294)
CAMERA ST 38 & DMS 34 - HARRIS DR.**

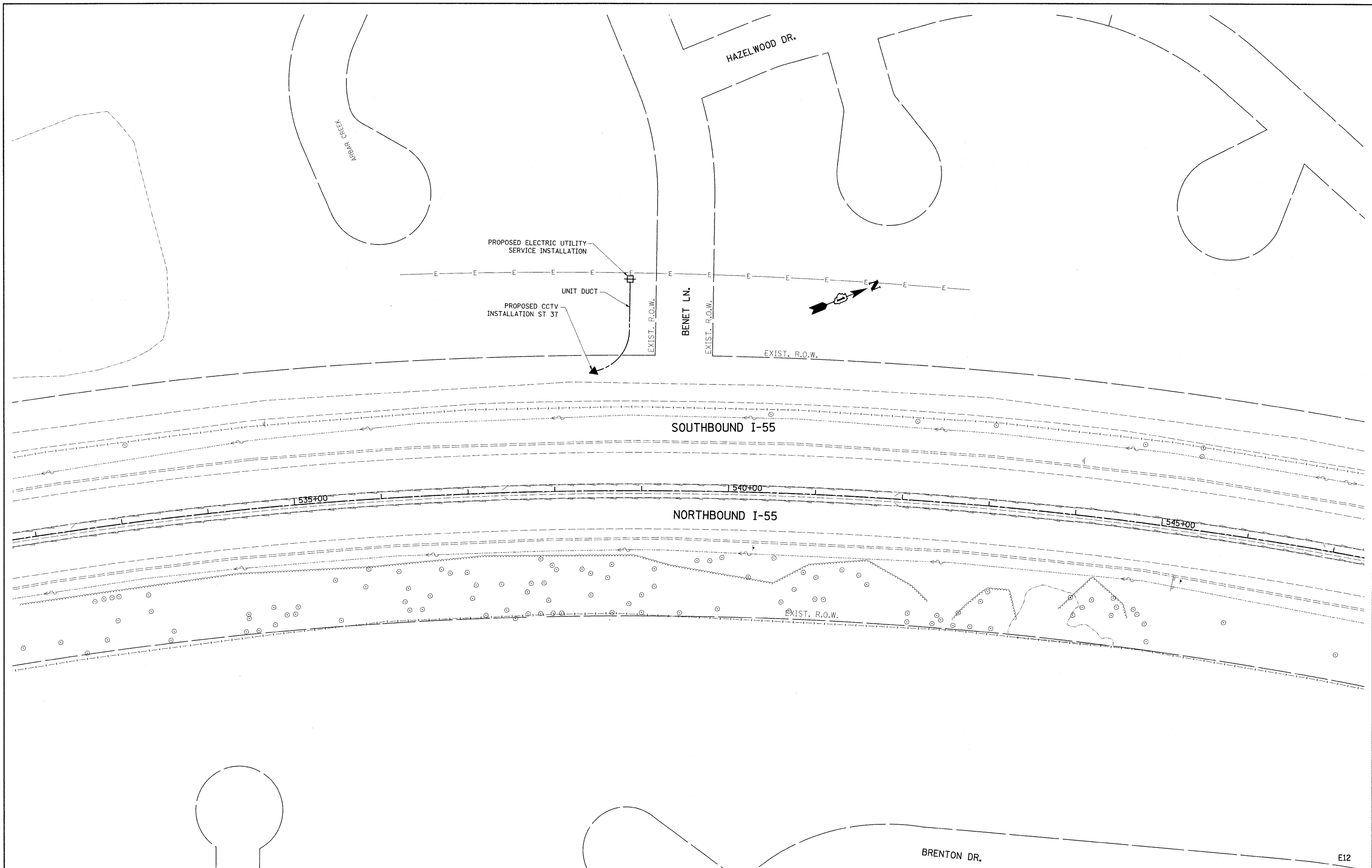
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F.A. RTE. 55	SECTION 2007-062I	COUNTY WILL	TOTAL SHEETS 74	SHEET NO. 14
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60E01	

E10



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 DATE -

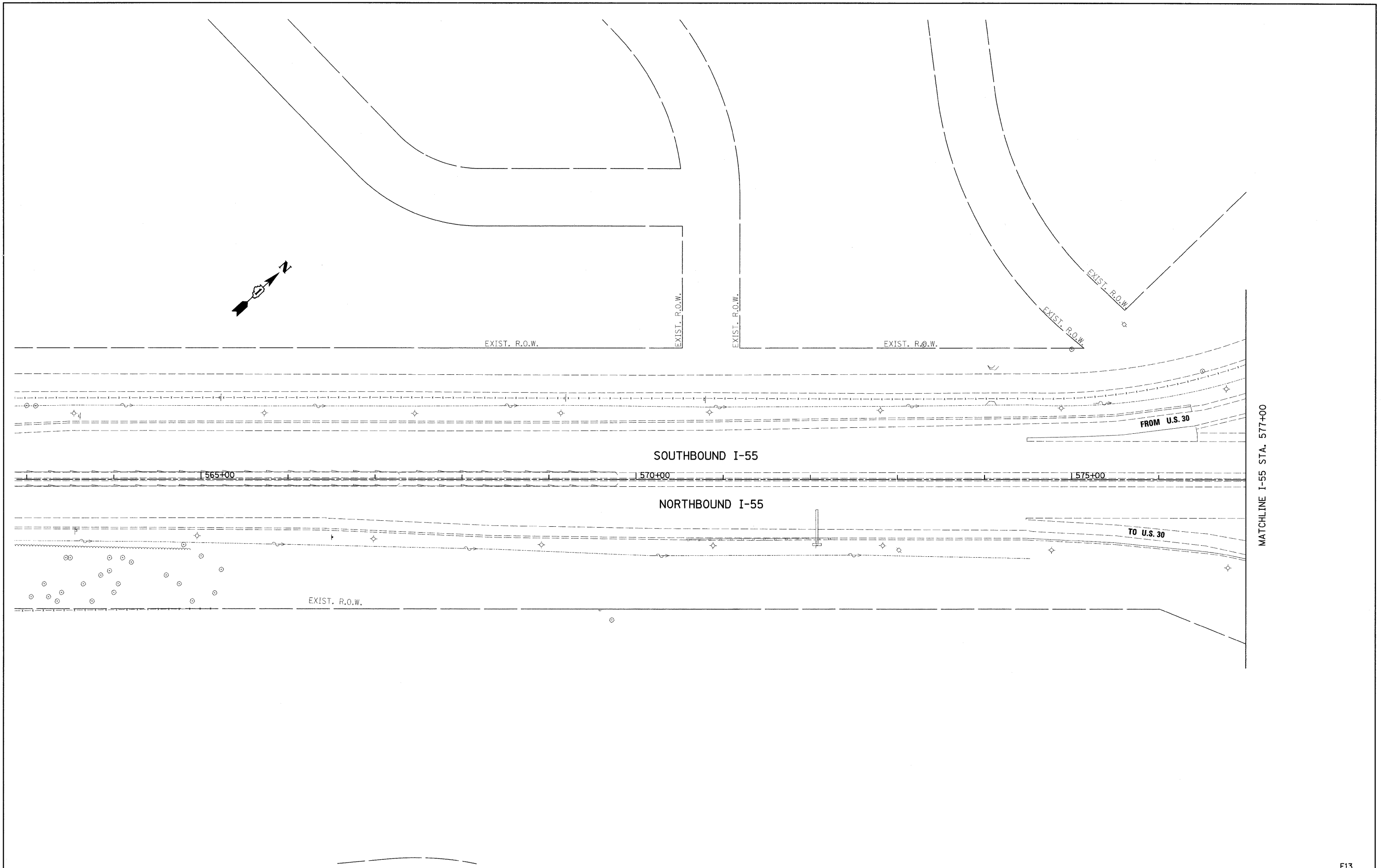
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

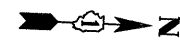
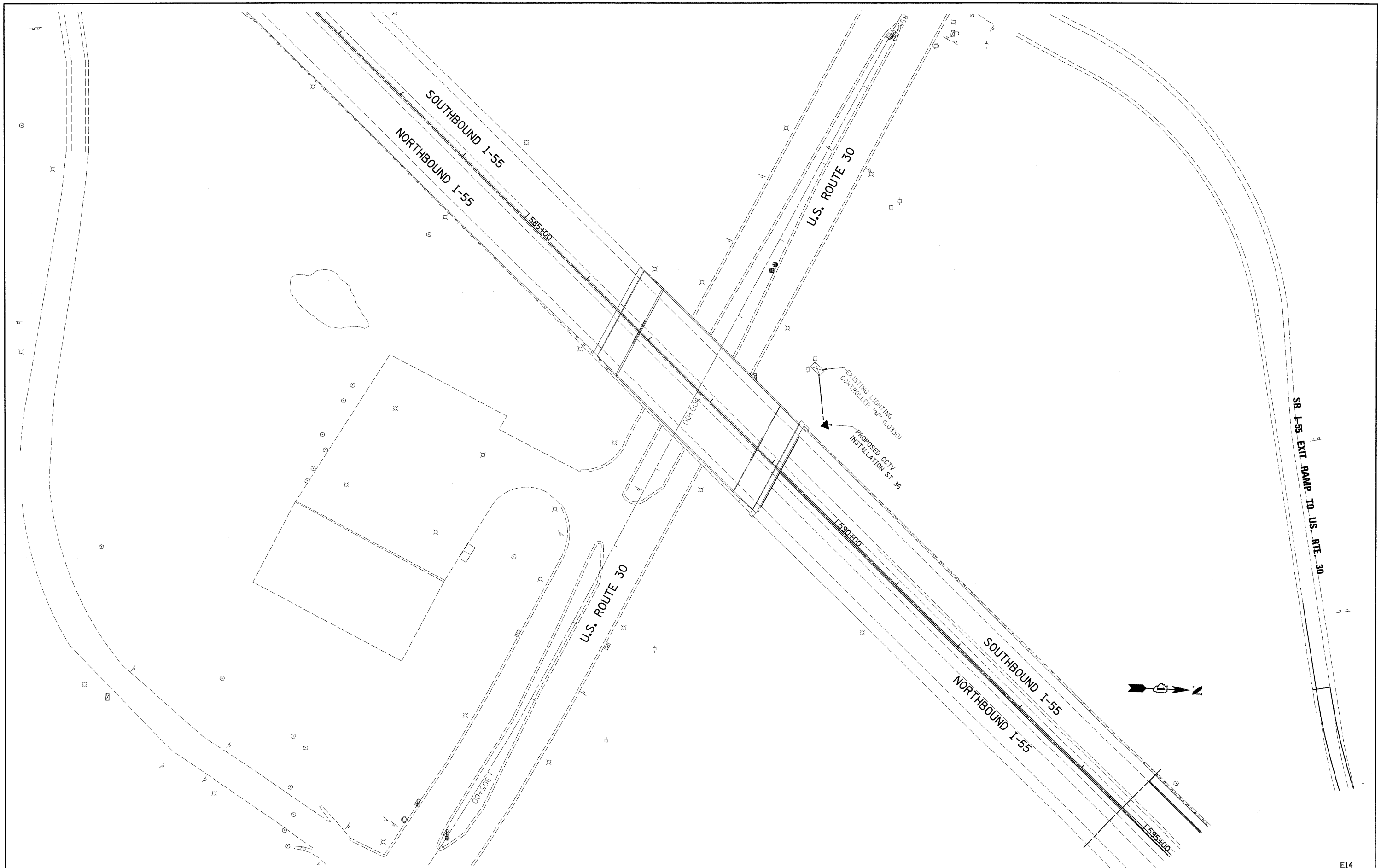
**CCTV CAMERA EXPANSION-FAI 55 (US 6 TO I-294)
 CAMERA ST 37- BENET LN.**

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

F.A. RTE. 55	SECTION 2007-062I	COUNTY WILL	TOTAL SHEETS 74	SHEET NO. 16
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60E01	

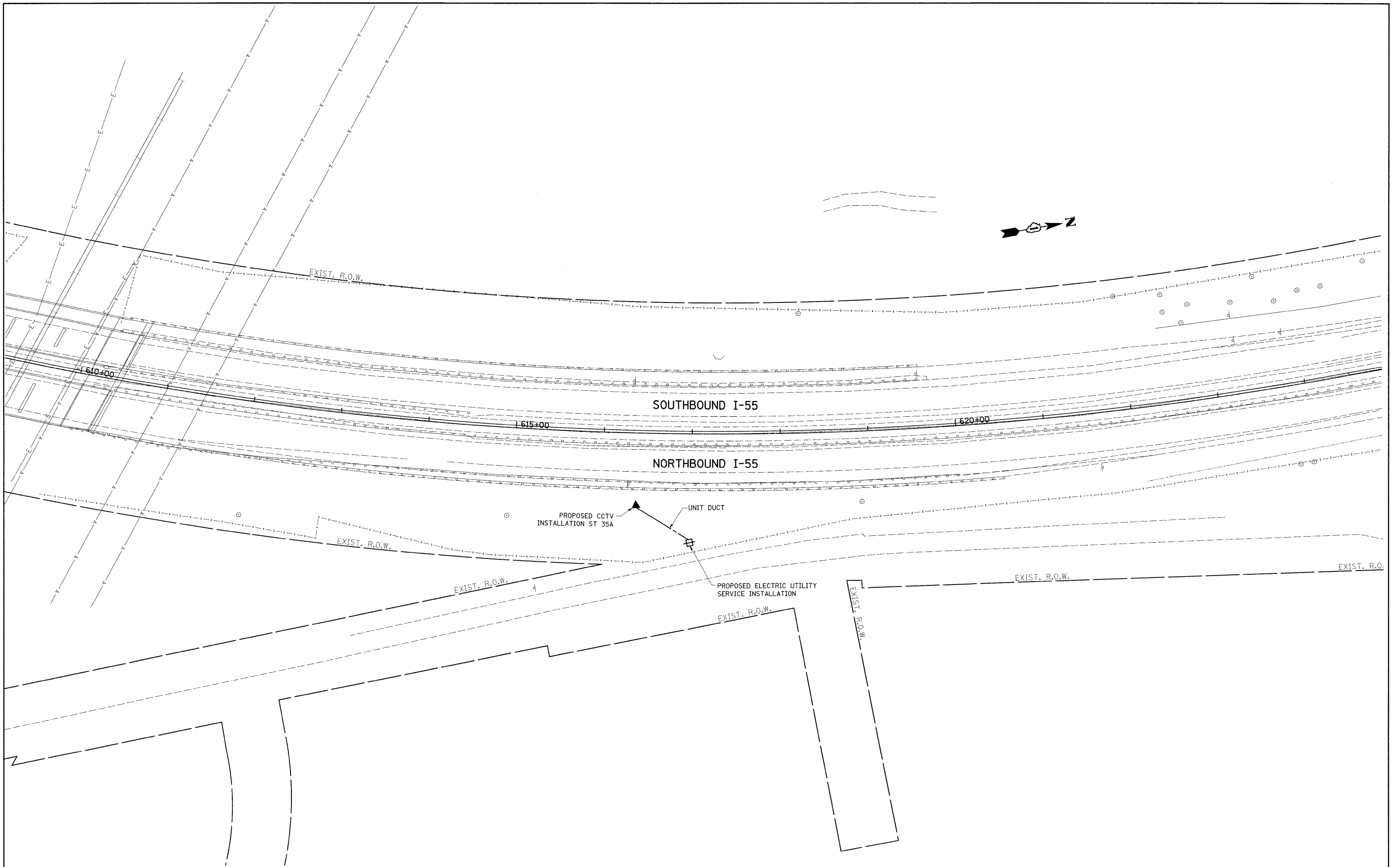


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	PLOT SCALE = 50,0000' / IN.	CHECKED -	REVISED -			55	2007-0621	WILL	74	17
PLOT DATE = 3/18/2009	DATE -	REVISED -	SCALE:		SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
					CONTRACT NO. 60E01					



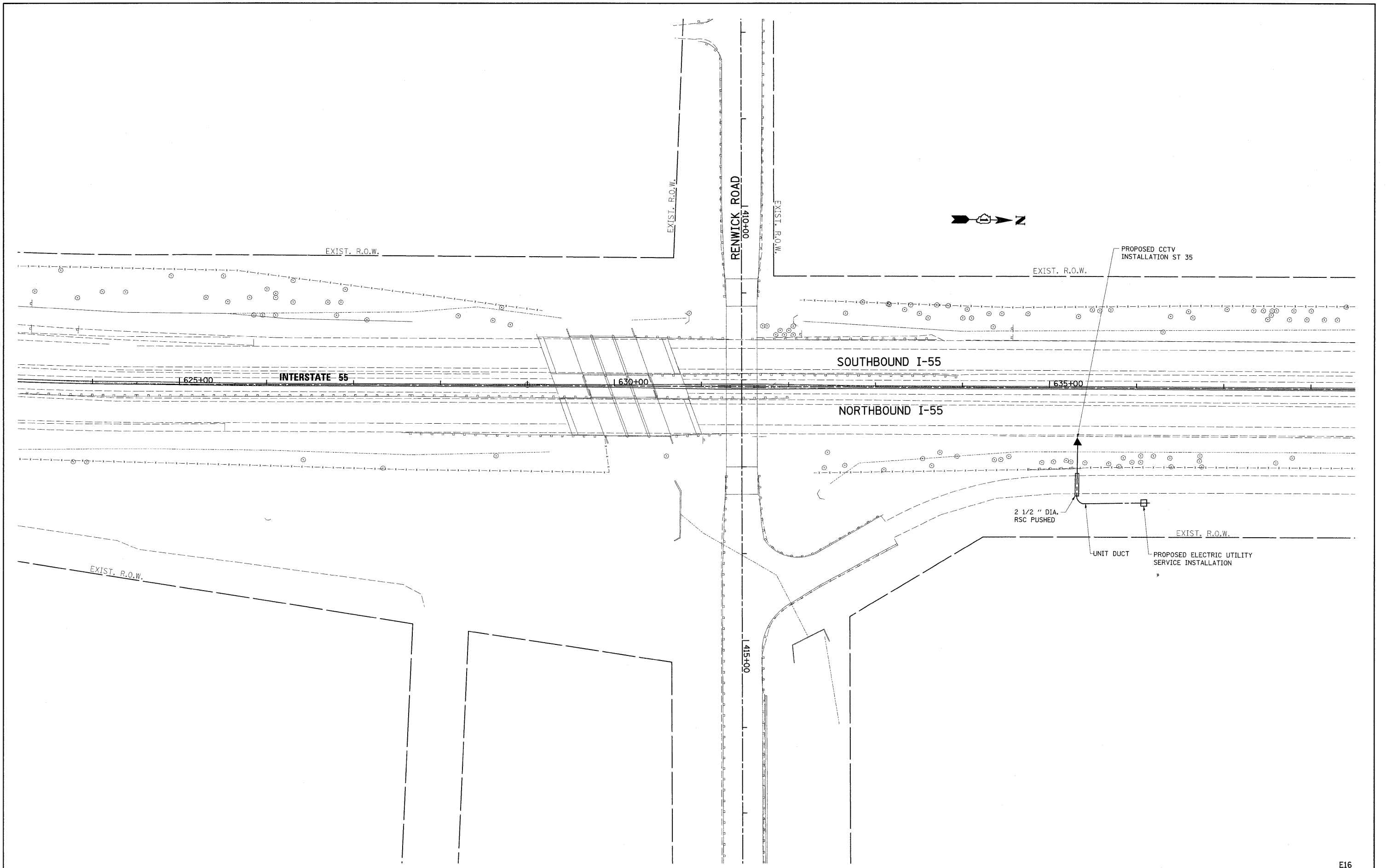
SB I-55 EXIT RAMP TO US. RTE. 30

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PLOT SCALE = 50.0000' / IN.			DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60E01	
PLOT DATE = 3/18/2009			CHECKED -	REVISED -									
			DATE -	REVISED -									



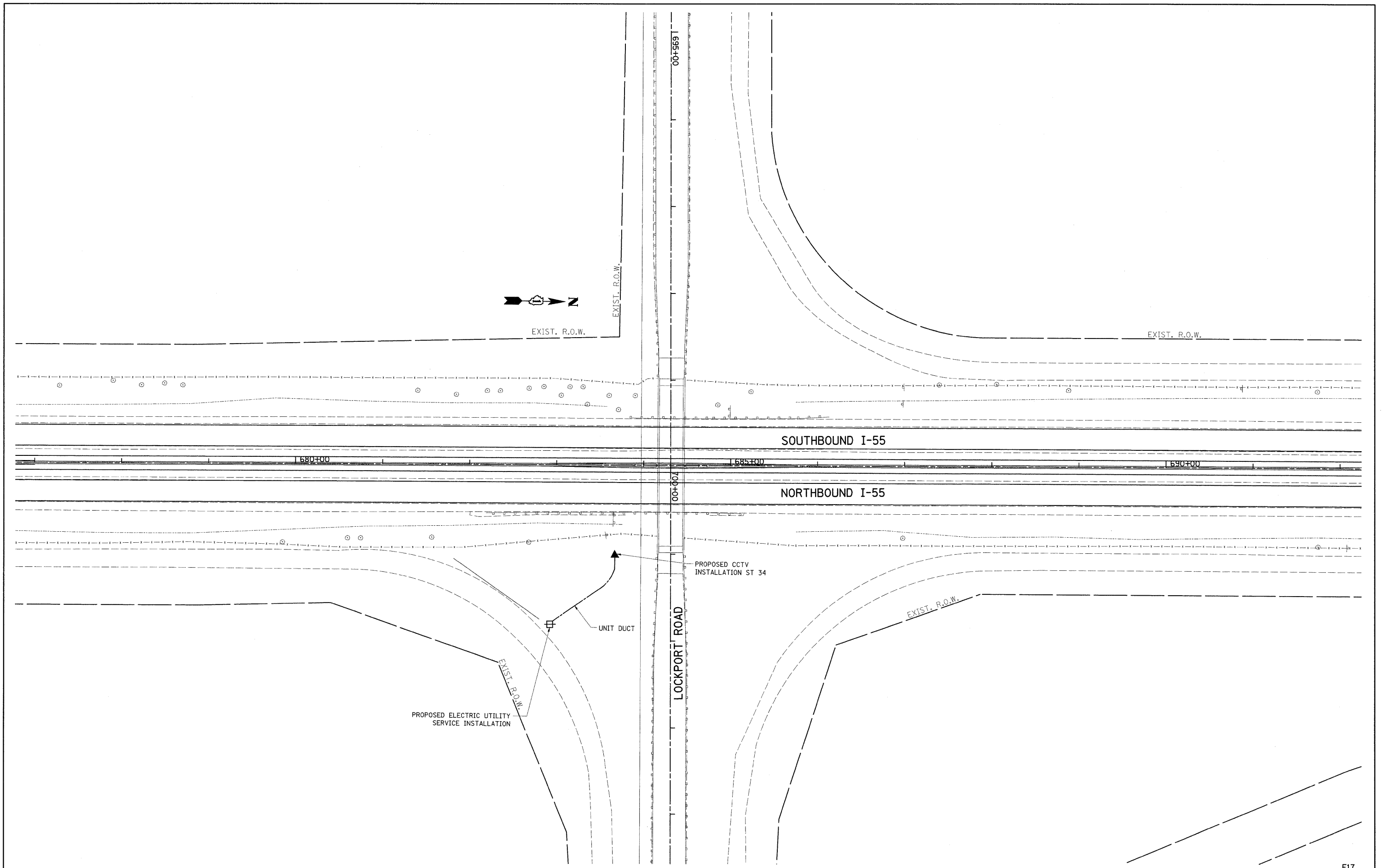
E15

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PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60E01
PLOT DATE = 3/18/2009		DATE -	REVISED -								

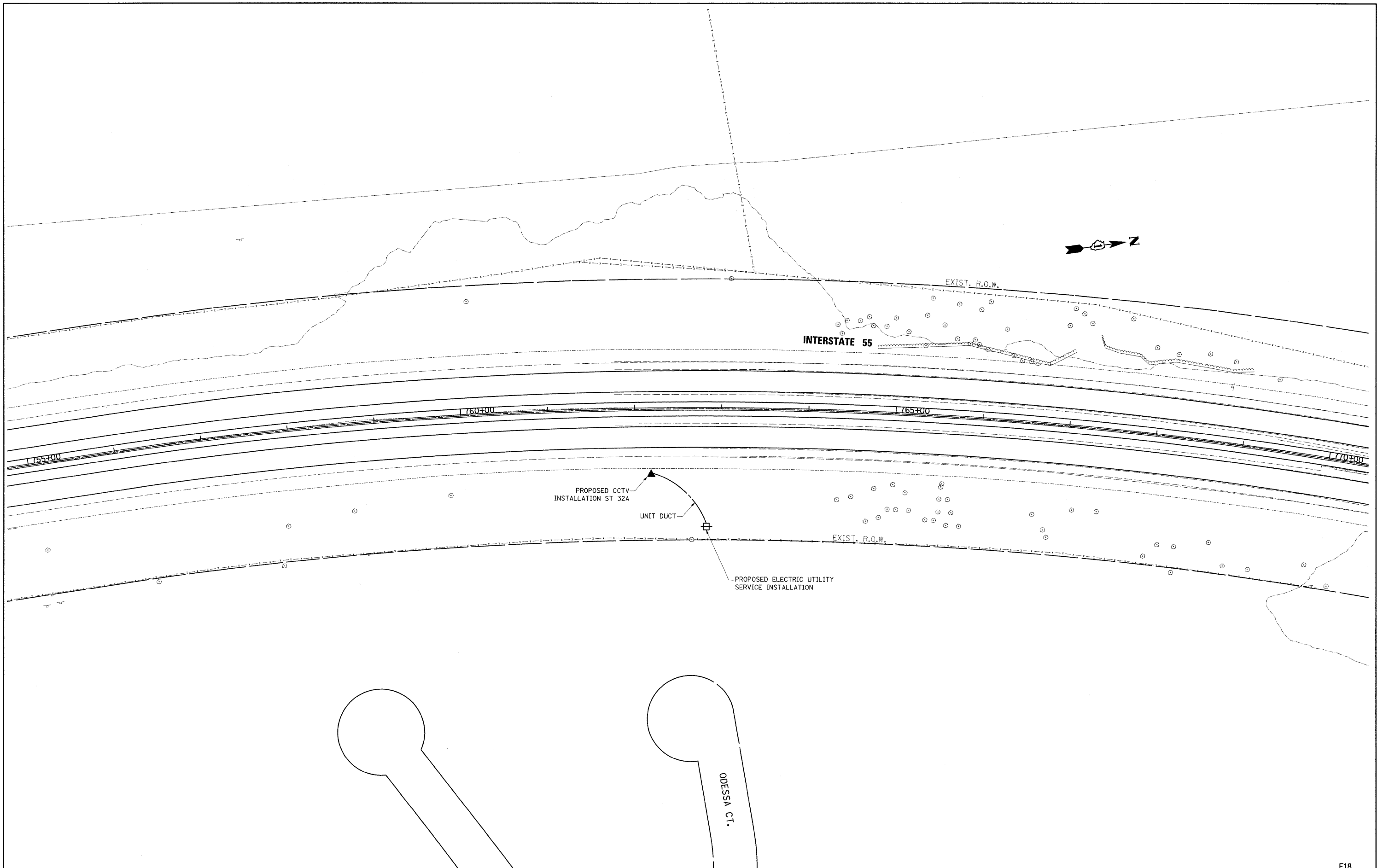


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	PLOT DATE = 3/18/2009	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

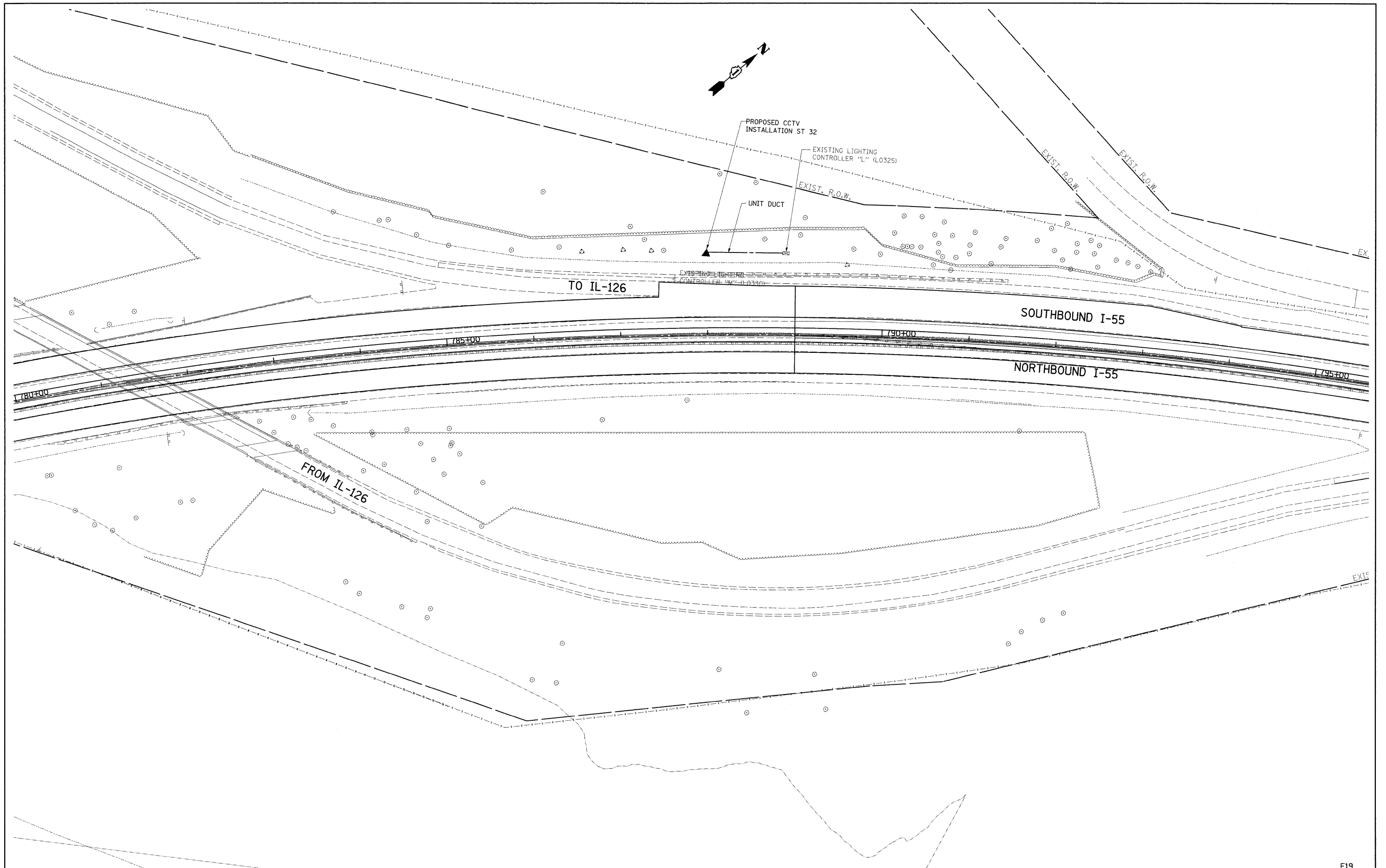
SCALE: SHEET NO. OF SHEETS STA. TO STA.



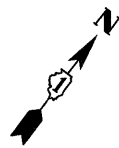
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PLOT SCALE = 50,0000' / IN.		CHECKED -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
PLOT DATE = 3/18/2009		DATE -	REVISED -								



FILE NAME = c:\pw_work\pwidot\bauearl\dms90122\01159	USER NAME = bauearl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CCTV CAMERA EXPANSION-FAI 55 (US 6 TO I-294) CAMERA ST 32a - ODESSA CT.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	E18	
	PLOT SCALE = 50,000' / IN.	CHECKED -	REVISED -			55	2007-062I	WILL	74	22		
	PLOT DATE = 3/18/2009	DATE -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		CONTRACT NO. 60E01		



FILE NAME =		USER NAME = bauerdl		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CCTV CAMERA EXPANSION-FAI 55 (US 6 TO I-294) CAMERA ST 32 - IL RTE 126			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwork\baue\dl\adms\90122\101159		88-shr-lightes.dgn		DRAWN -	REVISED -					55	2007-0621	WILL	74	23
PLOT SCALE = 50,0000' / IN.		CHECKED -		REVISED -	REVISED -					CONTRACT NO. 60E01				
PLOT DATE = 3/18/2009		DATE -		REVISED -	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE:		SHEET NO. OF SHEETS		STA. TO STA.		FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT					



PROPOSED CCTV
INSTALLATION ST 31

UNIT DUCT

PROPOSED ELECTRIC UTILITY
SERVICE INSTALLATION

EXIST. R.O.W.

SOUTHBOUND I-55

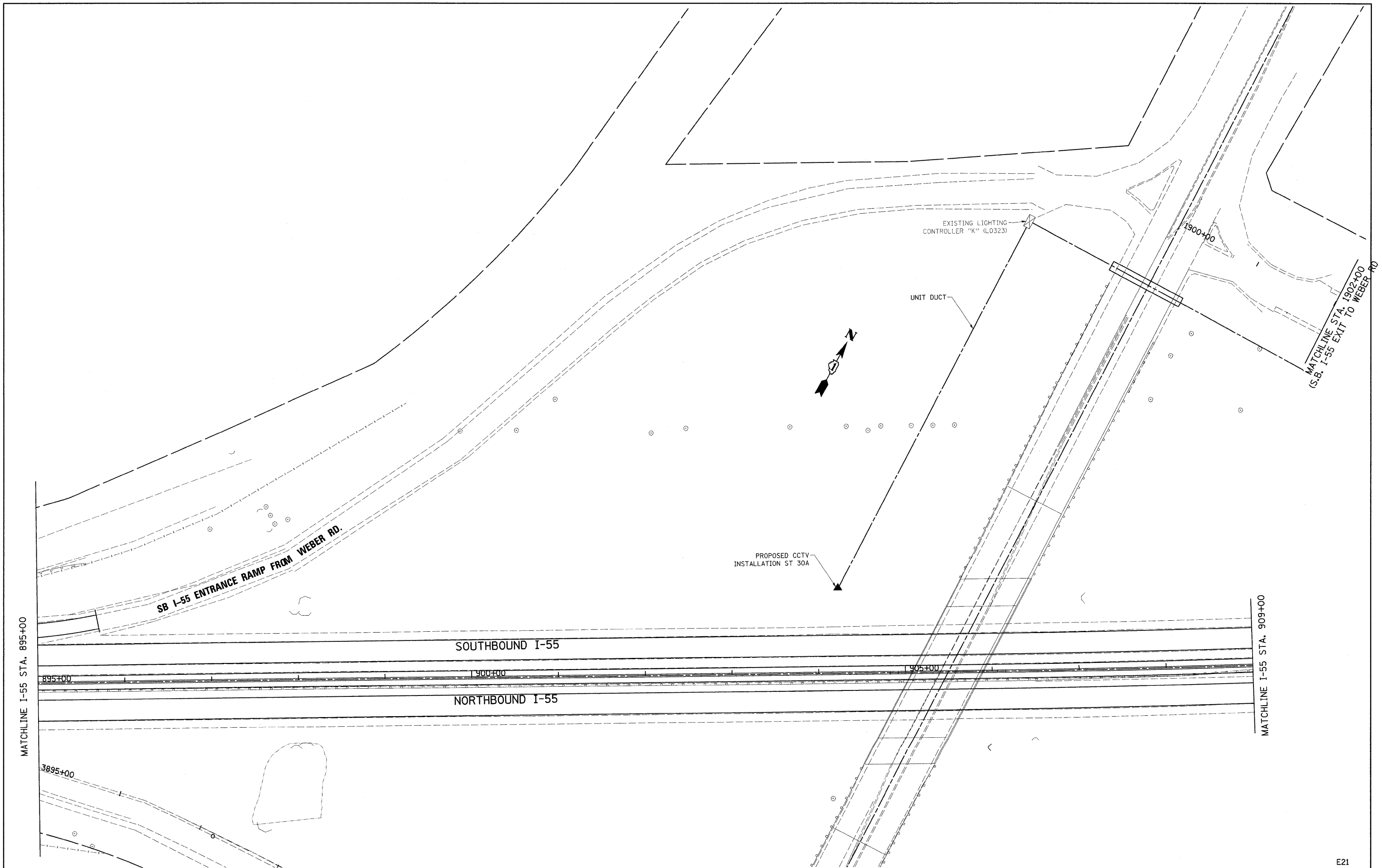
1835+00 1840+00 1845+00

NORTHBOUND I-55

EXIST. R.O.W.

E20

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						SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
						CONTRACT NO. 60E01						



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DESIGNED -
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 CHECKED -
 DATE -

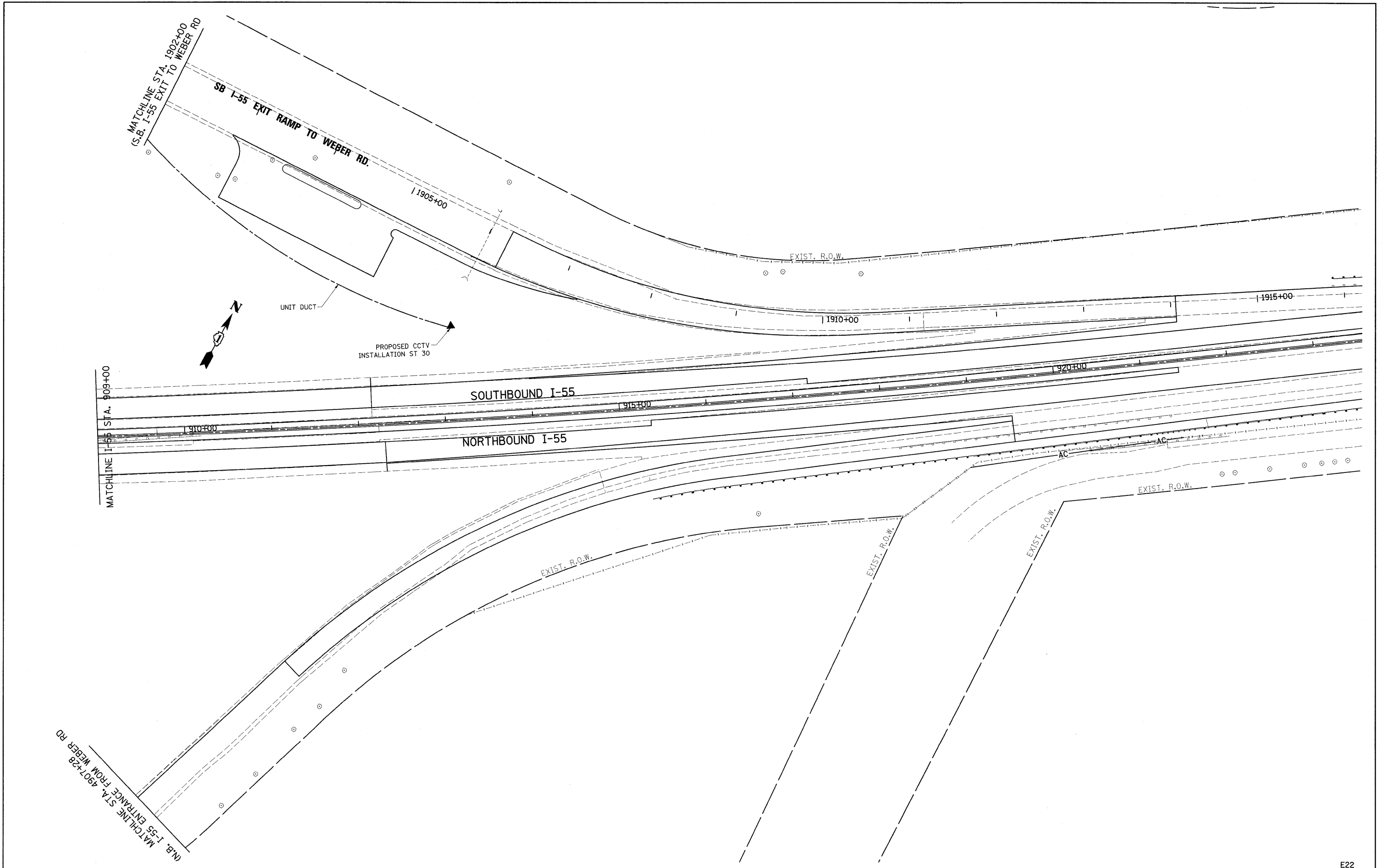
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

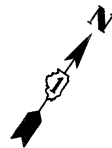
**CCTV CAMERA EXPANSION-FAI 55 (US 6 TO I-294)
 CAMERA ST 30a - WEBER RD.**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2007-062I	WILL	77	25
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60E01	

E21



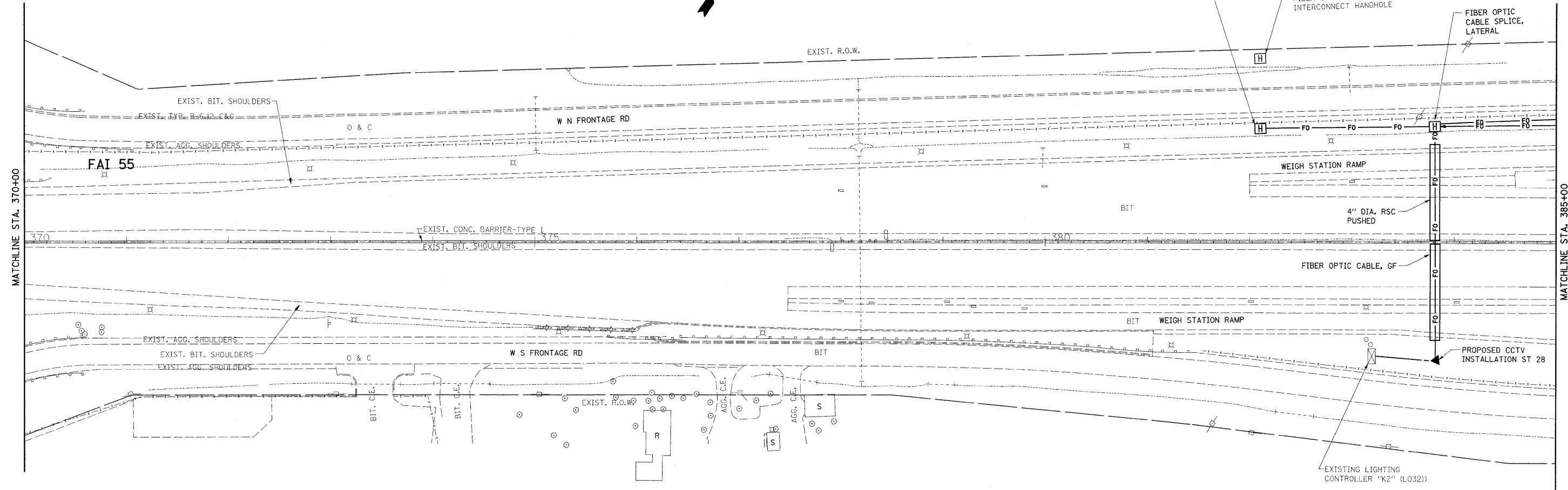
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	PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -			SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 60E01	
	PLOT DATE = 3/18/2009	DATE -	REVISED -							



COIL 300 FT. OF SLACK IN PROPOSED HANDHOLE.
SEAL END OF FIBER OPTIC CABLE IN ACCORDANCE
WITH CABLE MFR. RECOMMENDATIONS.

EXISTING LEVEL 3
FIBER OPTIC
INTERCONNECT HANDHOLE

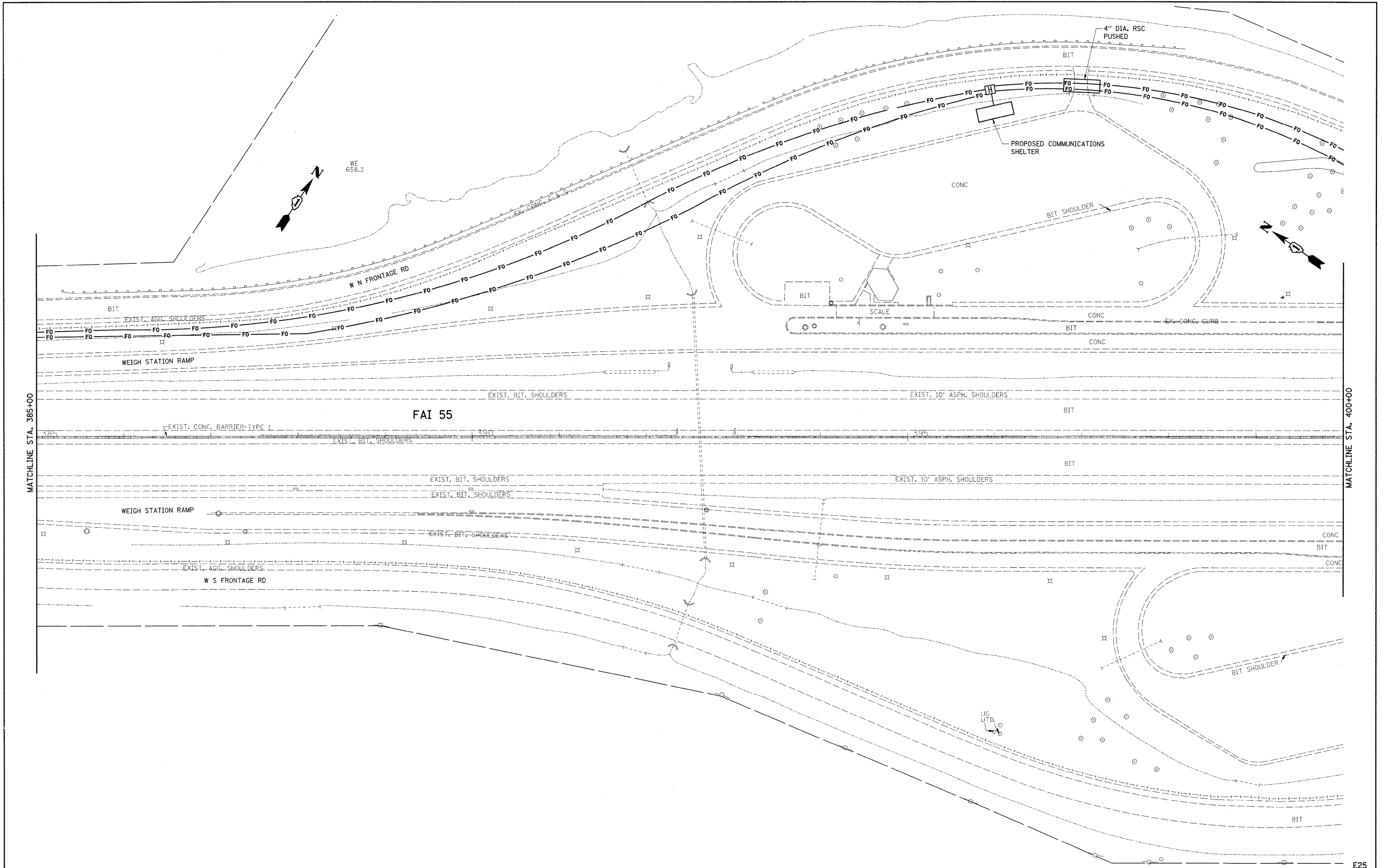
FIBER OPTIC
CABLE SPLICE,
LATERAL



MATCHLINE STA. 370+00

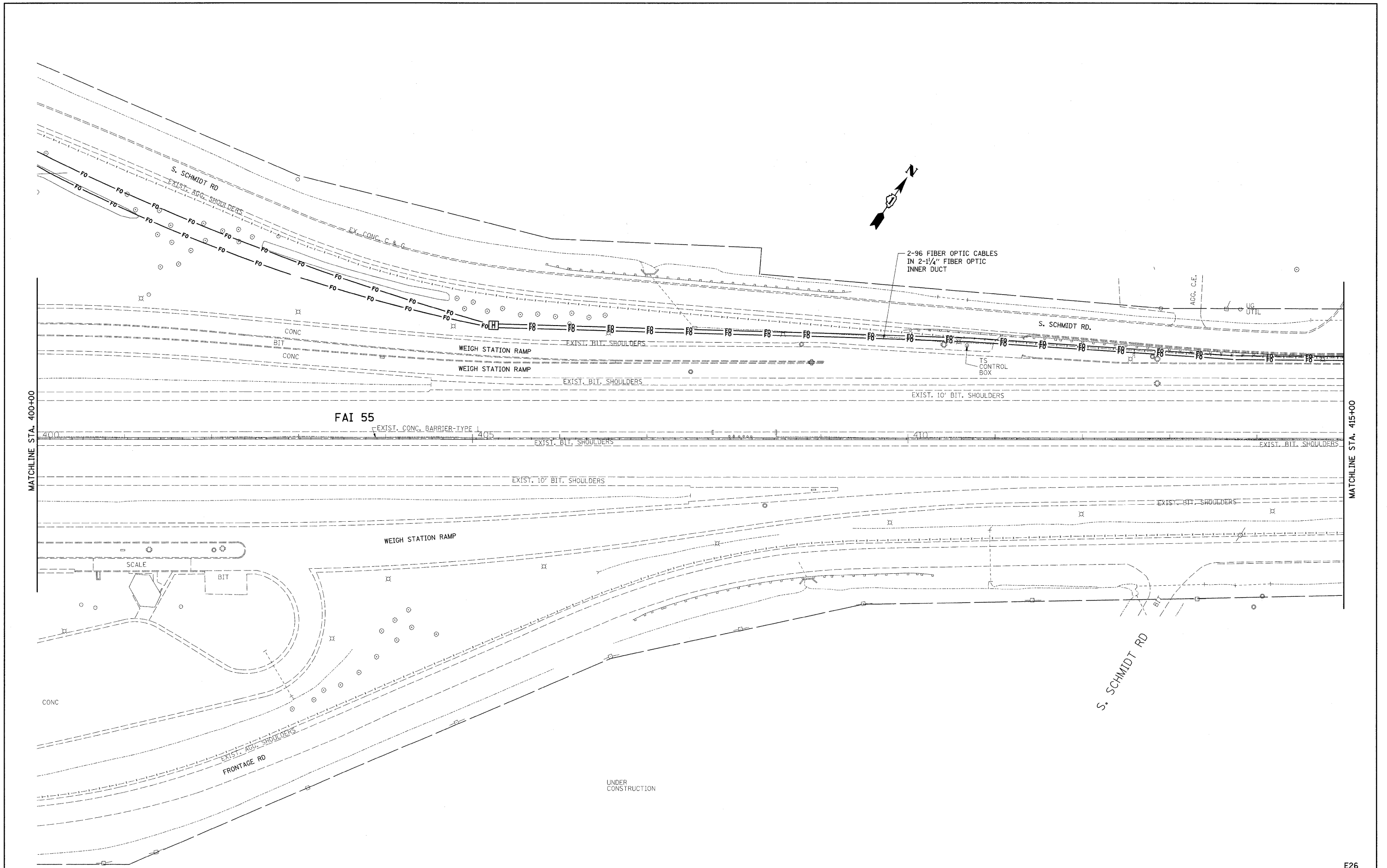
MATCHLINE STA. 385+00

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	PLOT DATE = 3/18/2009	DATE -	REVISED -								

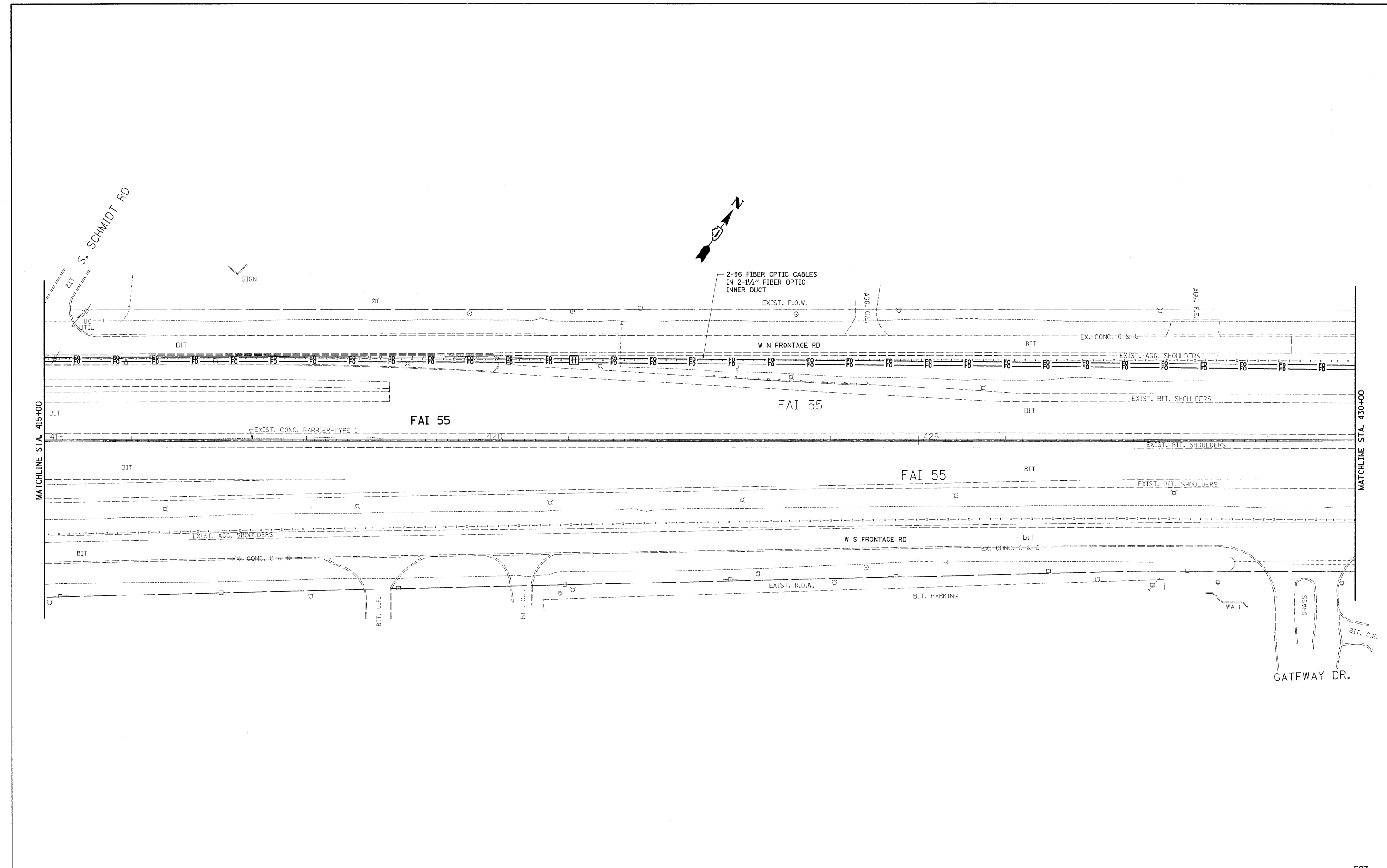


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	PLOT DATE = 3/18/2009	DATE -	REVISED -							

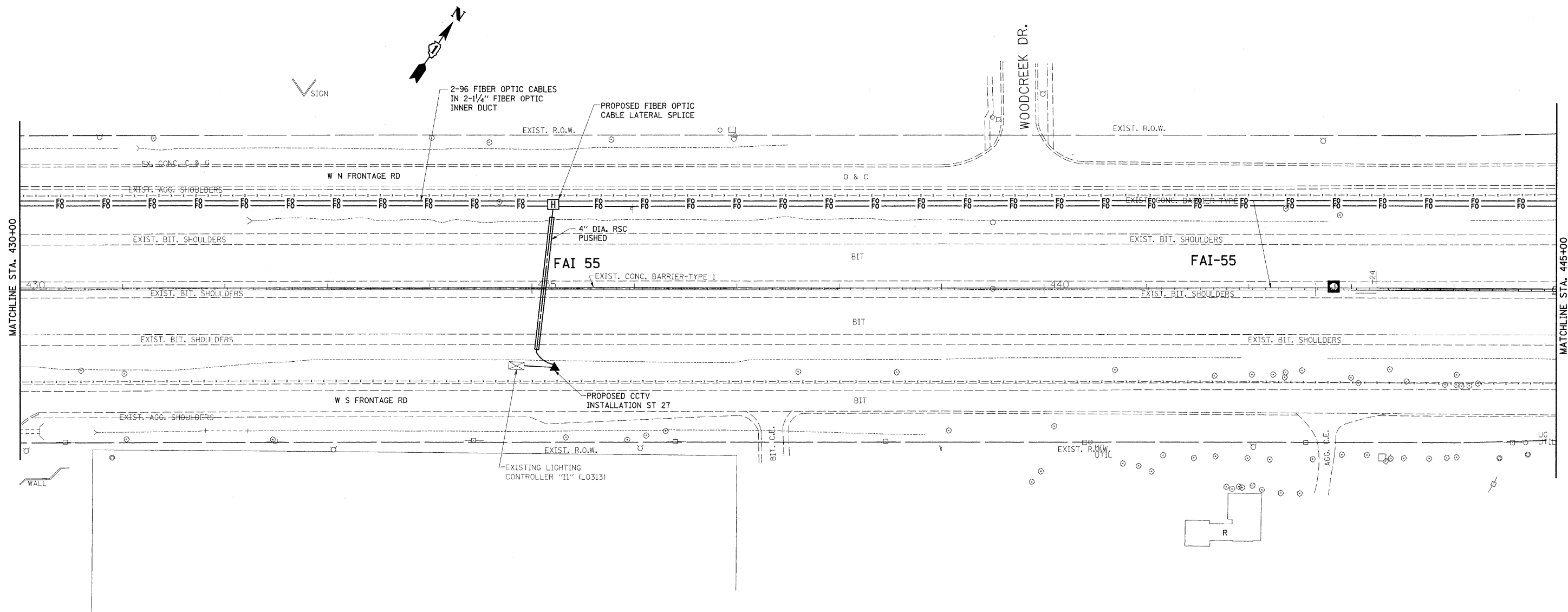
E25



FILE NAME =		USER NAME = bauerdl		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CCTV CAMERA EXPANSION - I-55 (US 6 TO I-294) SCHMIDT RD.		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwidot\BAUERDL\dms90122\0115		008-sht-1\ghtab.dgn		DRAWN -	REVISED -				55	2007-0621	WILL & COOK	74	30
		PLOT SCALE = 50,0000 sf / IN.		CHECKED -	REVISED -		SCALE: 1"=50'		SHEET NO. OF SHEETS STA. 400+00 TO STA. 415+00		CONTRACT NO. 60E01		
		PLOT DATE = 3/18/2009		DATE -	REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



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	PLOT DATE = 3/18/2009	DATE -	REVISED -					CONTRACT NO. 60E01				
	E27											



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 PLOT DATE = 3/18/2009

DESIGNED -
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 DATE -

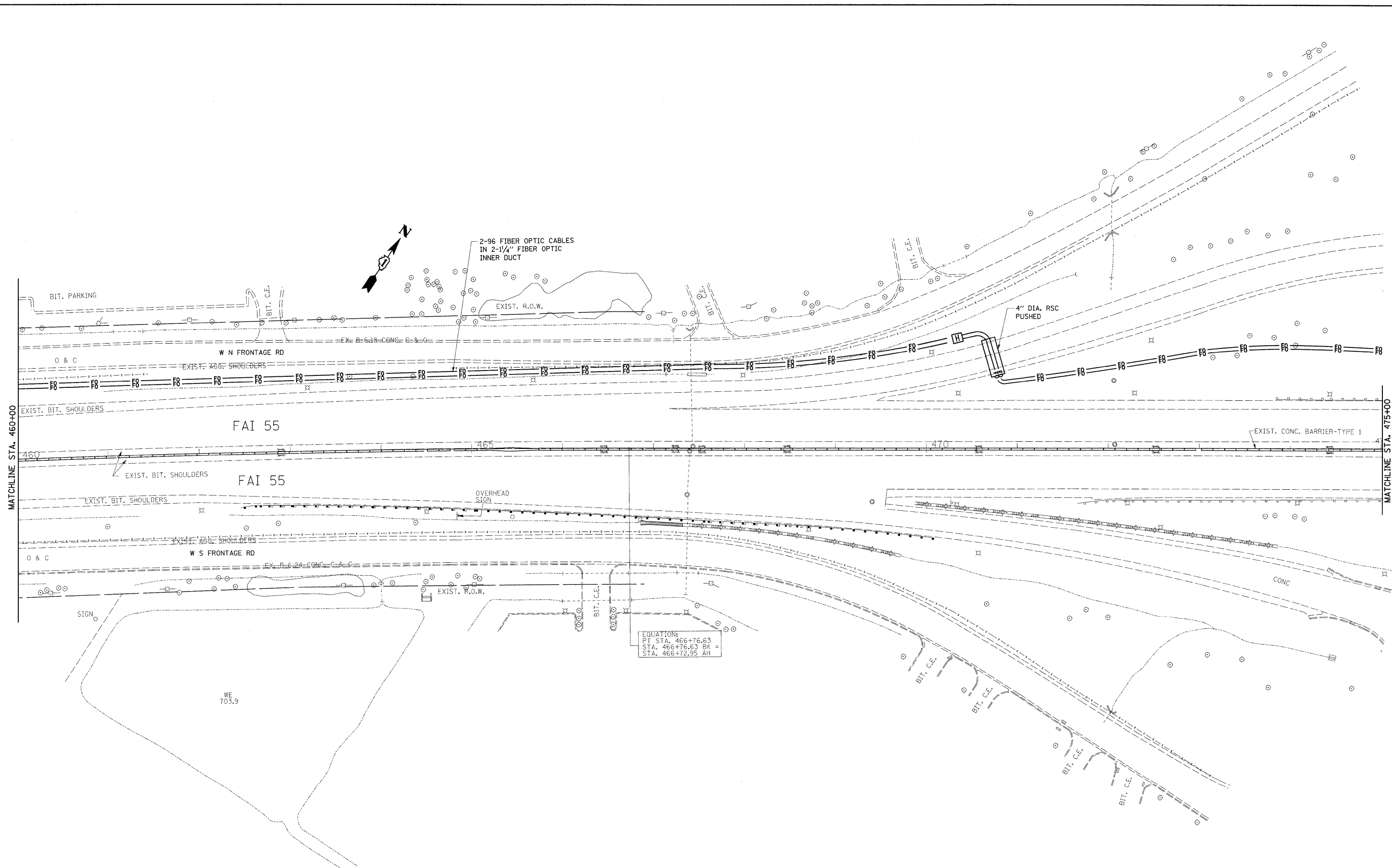
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION - I-55 (US 6 TO I-294)
 CAMERA ST 27 - WOODCREEK DR.**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 430+00 TO STA. 445+00

F.A. RTE. 55	SECTION 2007-062I	COUNTY WILL & COOK	TOTAL SHEETS 74	SHEET NO. 32
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60E01	



EQUATION:
 PT STA. 466+76.63
 STA. 466+76.63 BK =
 STA. 466+72.95 AH

FILE NAME =
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USER NAME = bauerdl
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 PLOT DATE = 3/18/2009

DESIGNED -
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 CHECKED -
 DATE -

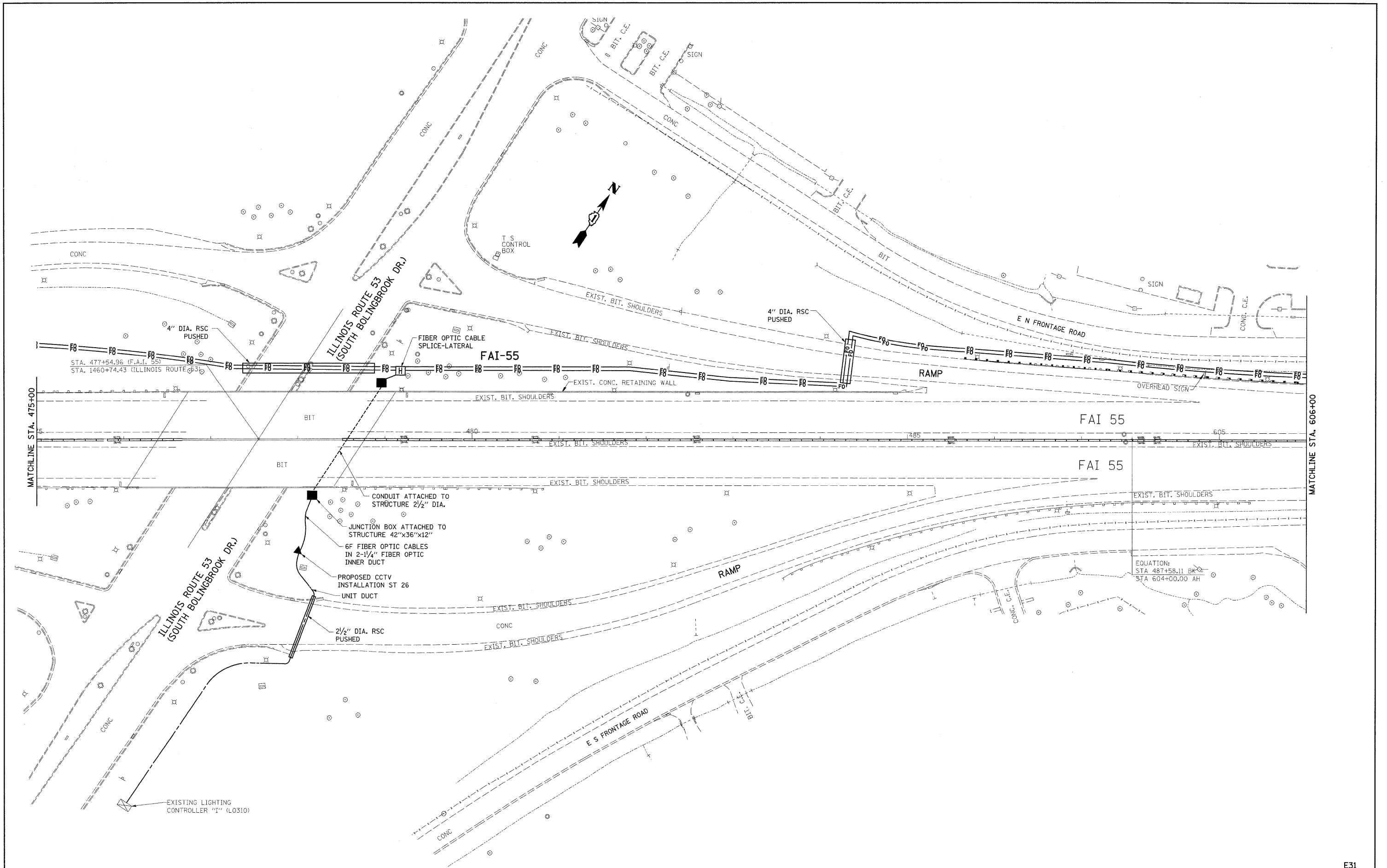
REVISED -
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 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION - I-55 (US 6 TO I-294)
 IL. RTE. 53**

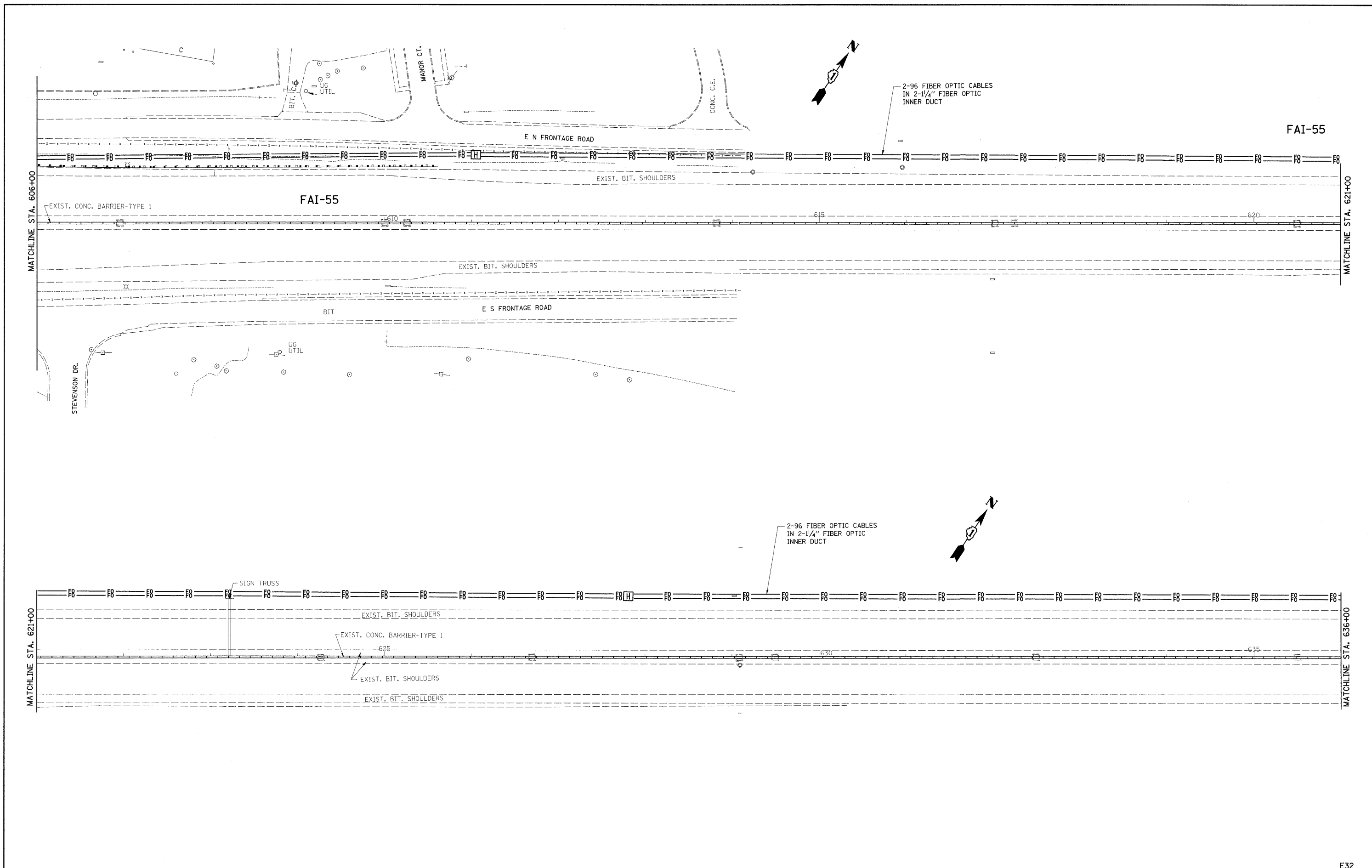
SCALE: 1"=50' SHEET NO. OF SHEETS STA. 460+00 TO STA. 475+00

F.A. RTE. 55	SECTION 2007-062I	COUNTY WILL & COOK	TOTAL SHEETS 34	SHEET NO. 34
CONTRACT NO. 60E01			ILLINOIS FED. AID PROJECT	



FILE NAME = c:\pwwork\pwwork\BAUERDL\dms90122\0115	USER NAME = bauerdl 08-sh-t-1ghtab.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CCTV CAMERA EXPANSION - I-55 (US 6 TO I-294) CAMERA ST 26 - IL. RTE. 53	F.A. RTE. 55	SECTION 2007-062I	COUNTY WILL & COOK	TOTAL SHEETS 74 SHEET NO. 35
	PLOT SCALE = 50,0000 sf / IN. PLOT DATE = 3/18/2009	CHECKED - DATE -	REVISED - REVISED -			SCALE: 1"=50' SHEET NO. OF SHEETS STA. 475+00 TO STA. 606+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 60E01	

E31



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 DATE -

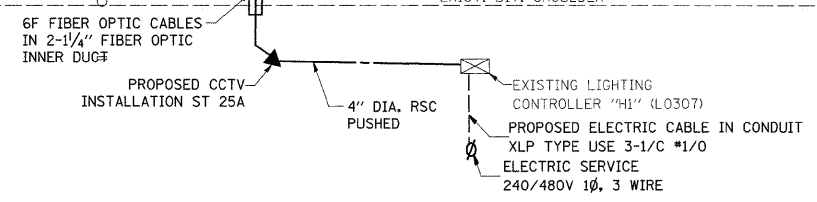
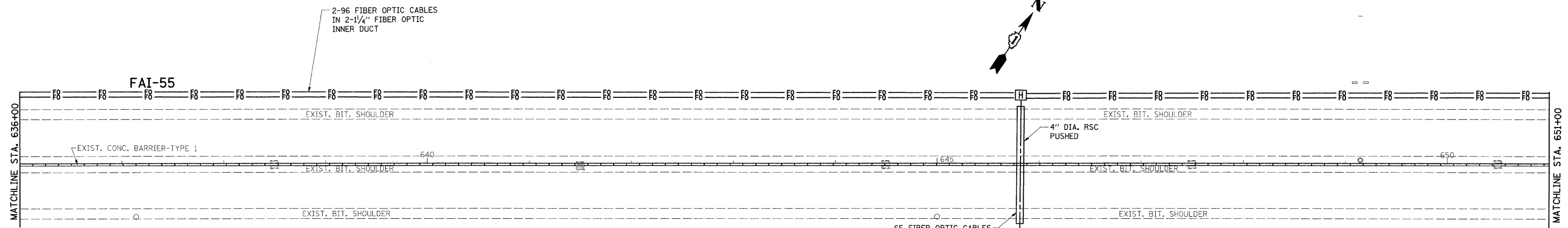
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

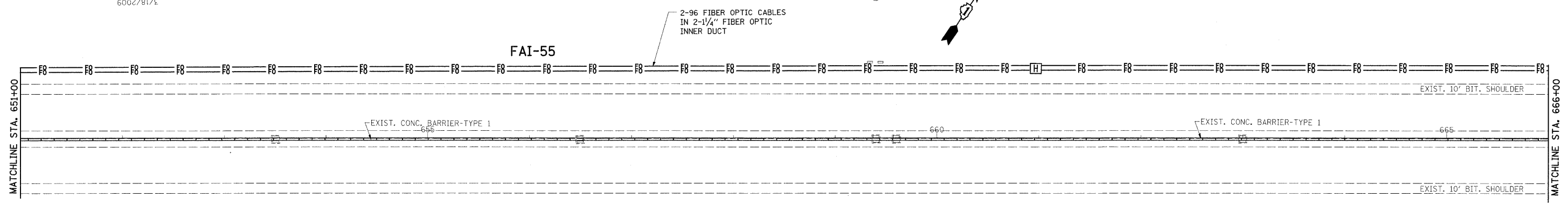
**CCTV CAMERA EXPANSION - I-55 (US 6 TO I-294)
 MANOR CT.**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 606+00 TO STA. 636+00

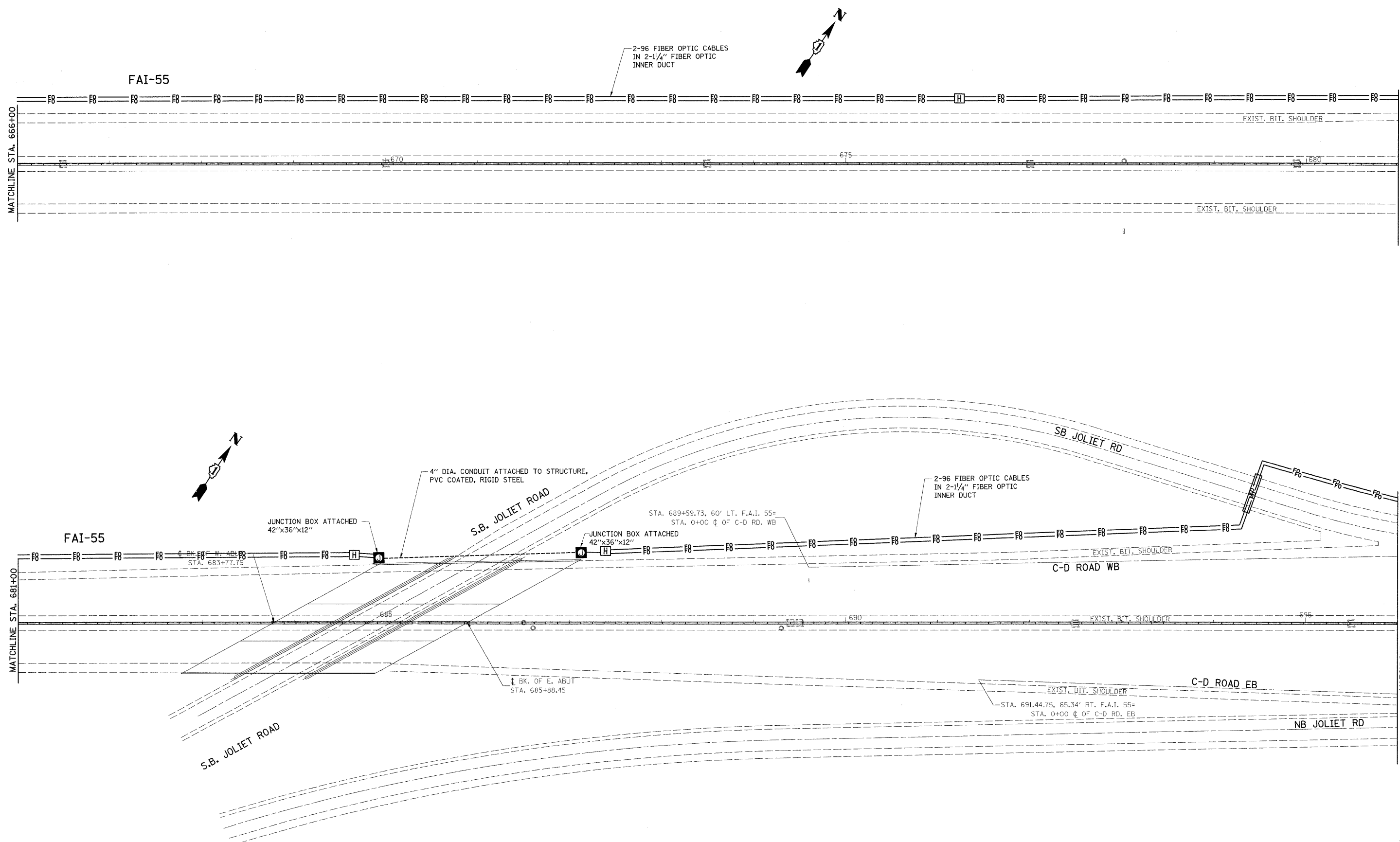
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2007-062I	WILL & COOK	74	36
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60E01	



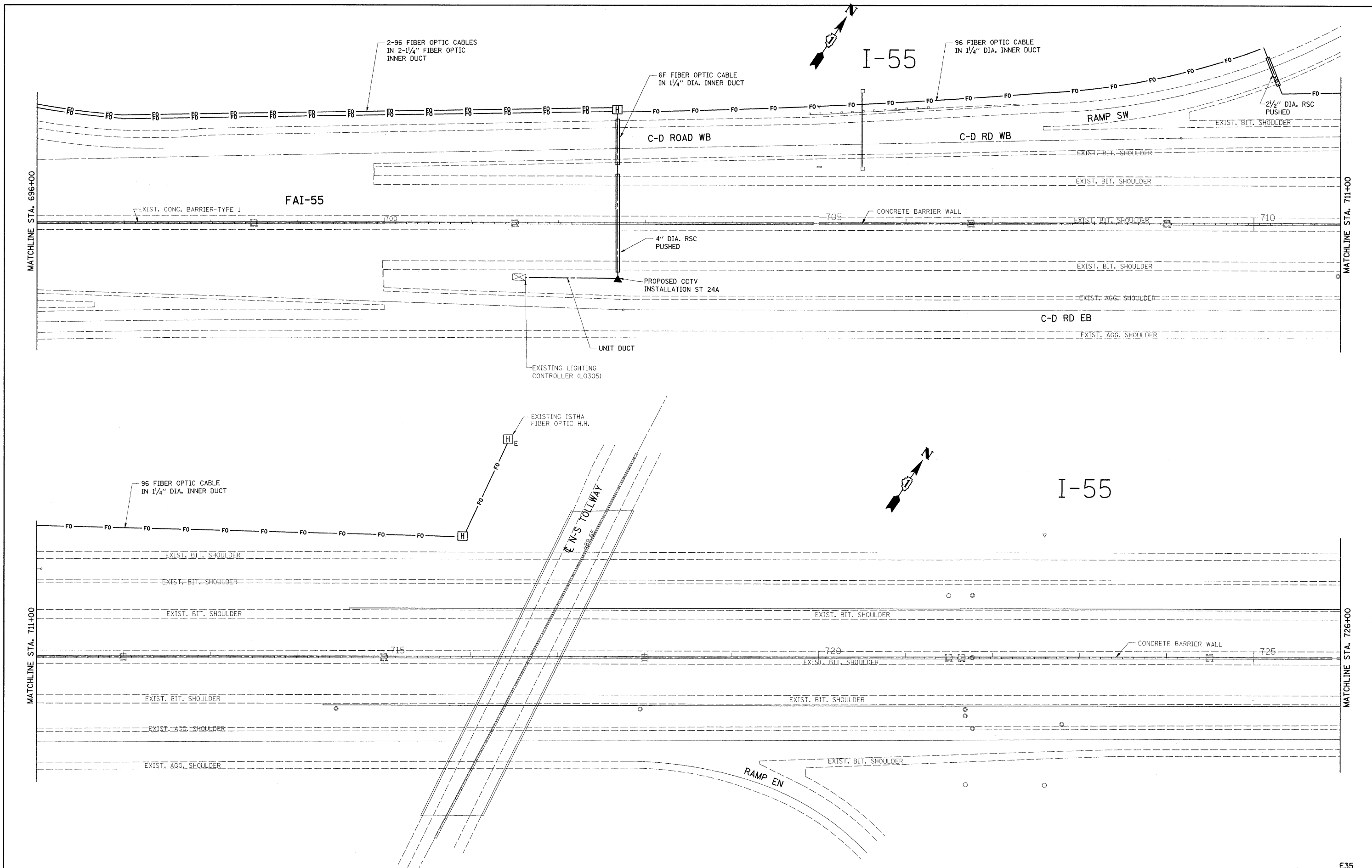
3/18/2009
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 609
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 609



FILE NAME =	USER NAME = bauerdl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CCTV CAMERA EXPANSION - I-55 (US 6 TO I-294) CAMERA ST 25a - SO JOLIET RD.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
c:\pwwork\VP\WIDOT\BAUERDL\dms90122\DI15	08-sh1-lightab.dgn	DRAWN -	REVISED -			55	2007-0621	WILL & COOK	74	37		
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	PLOT DATE = 3/18/2009	DATE -	REVISED -								CONTRACT NO. 60E01	

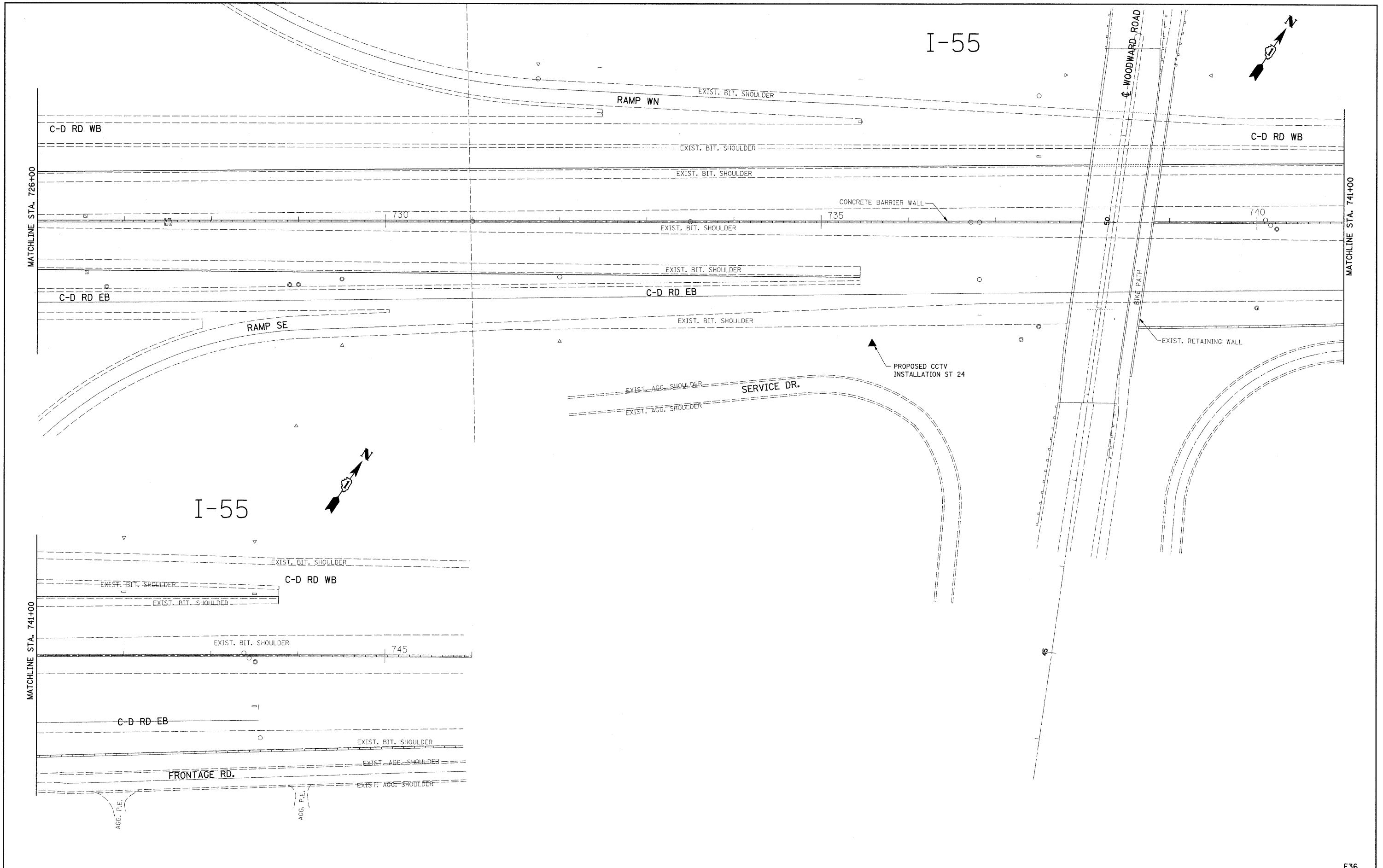


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	PLOT SCALE = 50,000 sf / IN.	CHECKED -	REVISED -		SCALE: 1"=50'	SHEET NO.	OF	SHEETS	STA. 666+00	TO STA. 696+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
	PLOT DATE = 3/18/2009	DATE -	REVISED -									CONTRACT NO. 60E01



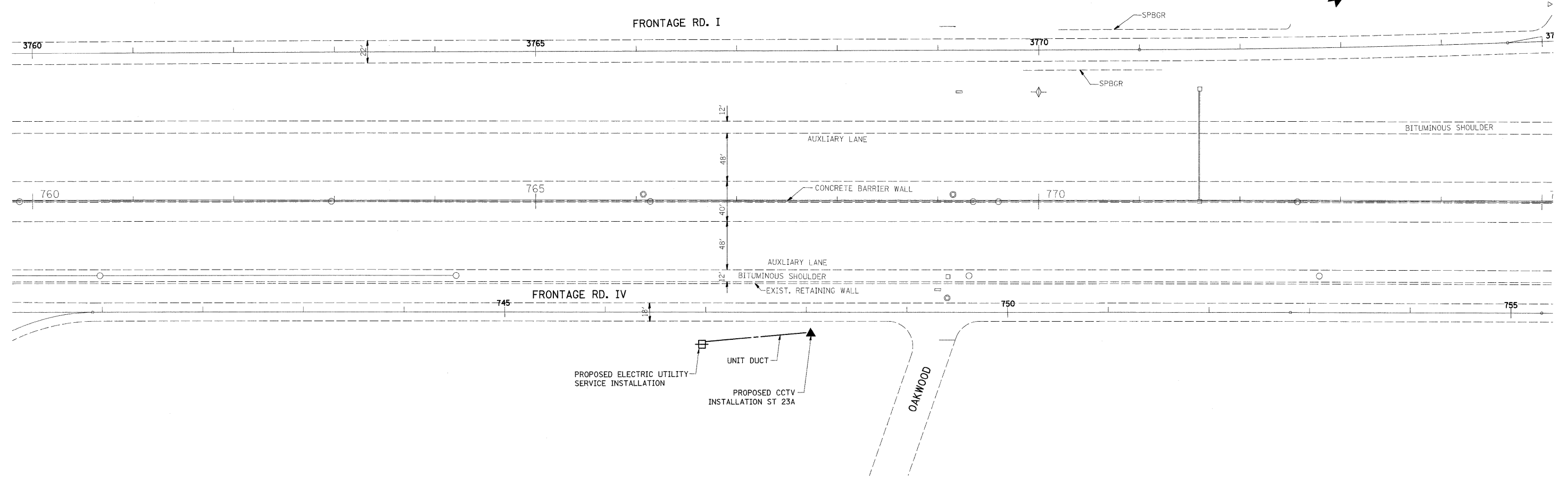
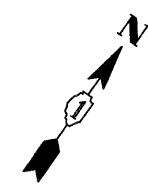
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	PLOT DATE = 3/18/2009	DATE -	REVISED -			CONTRACT NO. 60E01		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

E35



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	PLOT SCALE = 50,000 sf / IN. PLOT DATE = 3/18/2009	CHECKED - DATE -	REVISED - REVISED -			SCALE: 1"=50' SHEET NO. OF SHEETS STA. 726+00 TO STA. 746+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	CONTRACT NO. 60E01	

I-55



FILE NAME =
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USER NAME = bauerdl
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
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 REVISED -

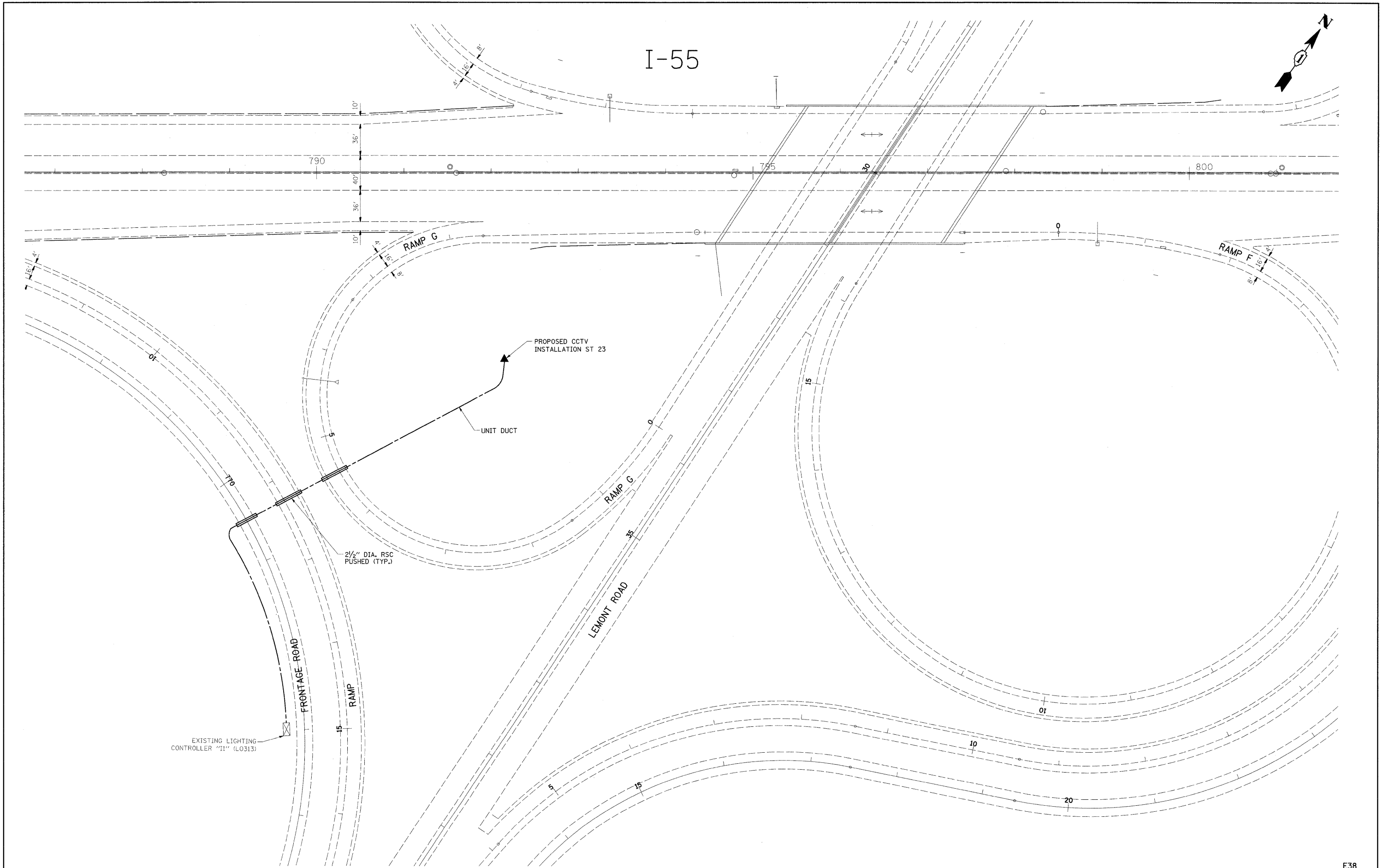
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION - I-55 (US 6 TO I-294)
 CAMERA ST 23a - OAKWOOD**

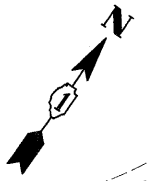
SCALE: 1"=50' SHEET NO. OF SHEETS STA. 760+00 TO STA. 775+00

F.A. RTE. 55	SECTION 2007-062I	COUNTY WILL & COOK	TOTAL SHEETS 77	SHEET NO. 41
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60E01	

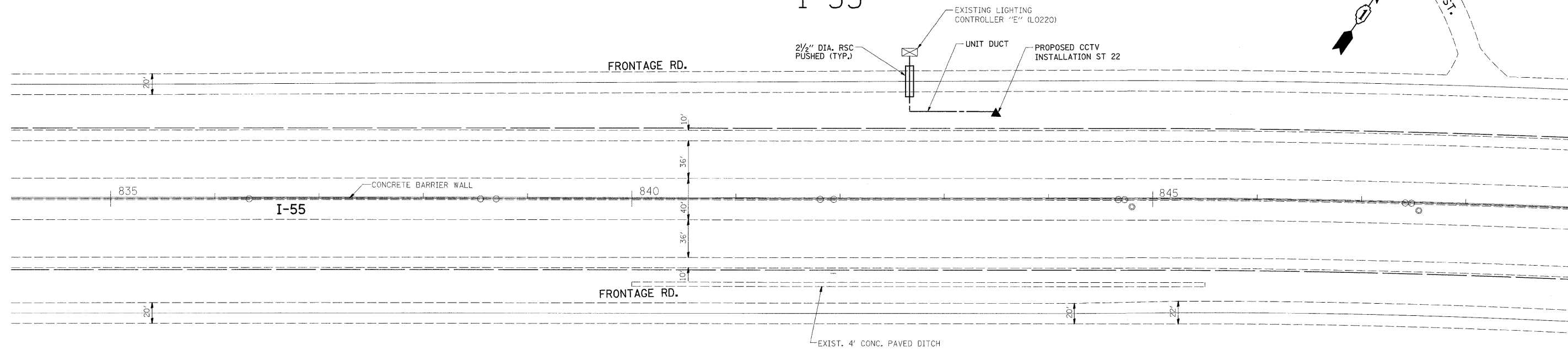
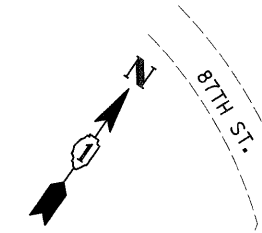
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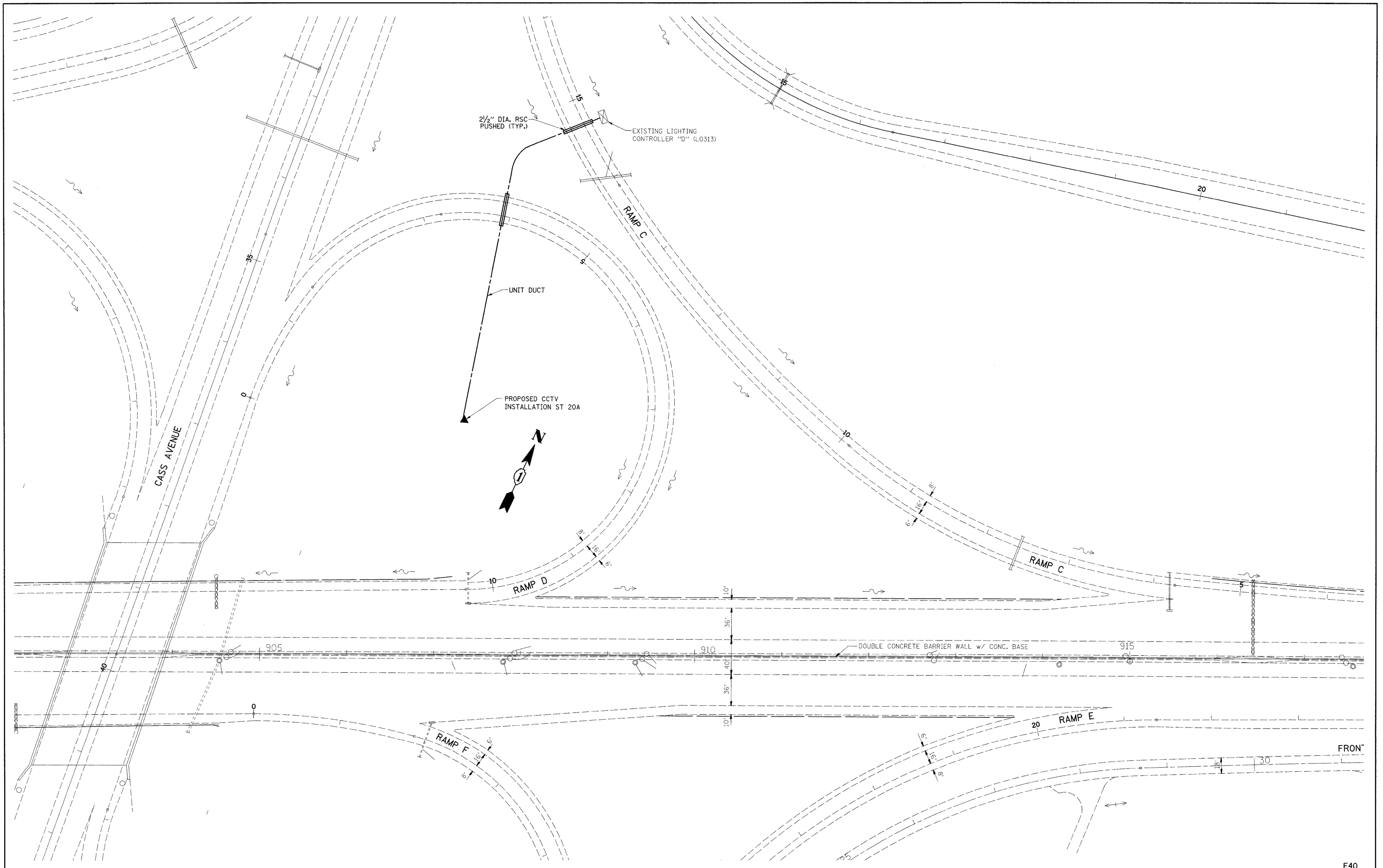
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ct:\pw_work\PWIDOT\BAUERDL\dms90122\0115	008-sht-lightec.dgn	DRAWN -	REVISED -			55	2007-0621	WILL & COOK	74	42	
	PLOT SCALE = 50,0000 sf / IN.	CHECKED -	REVISED -			SCALE: 1"=50'		SHEET NO. OF SHEETS		STA. 788+00 TO STA. 801+00	
	PLOT DATE = 3/18/2009	DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



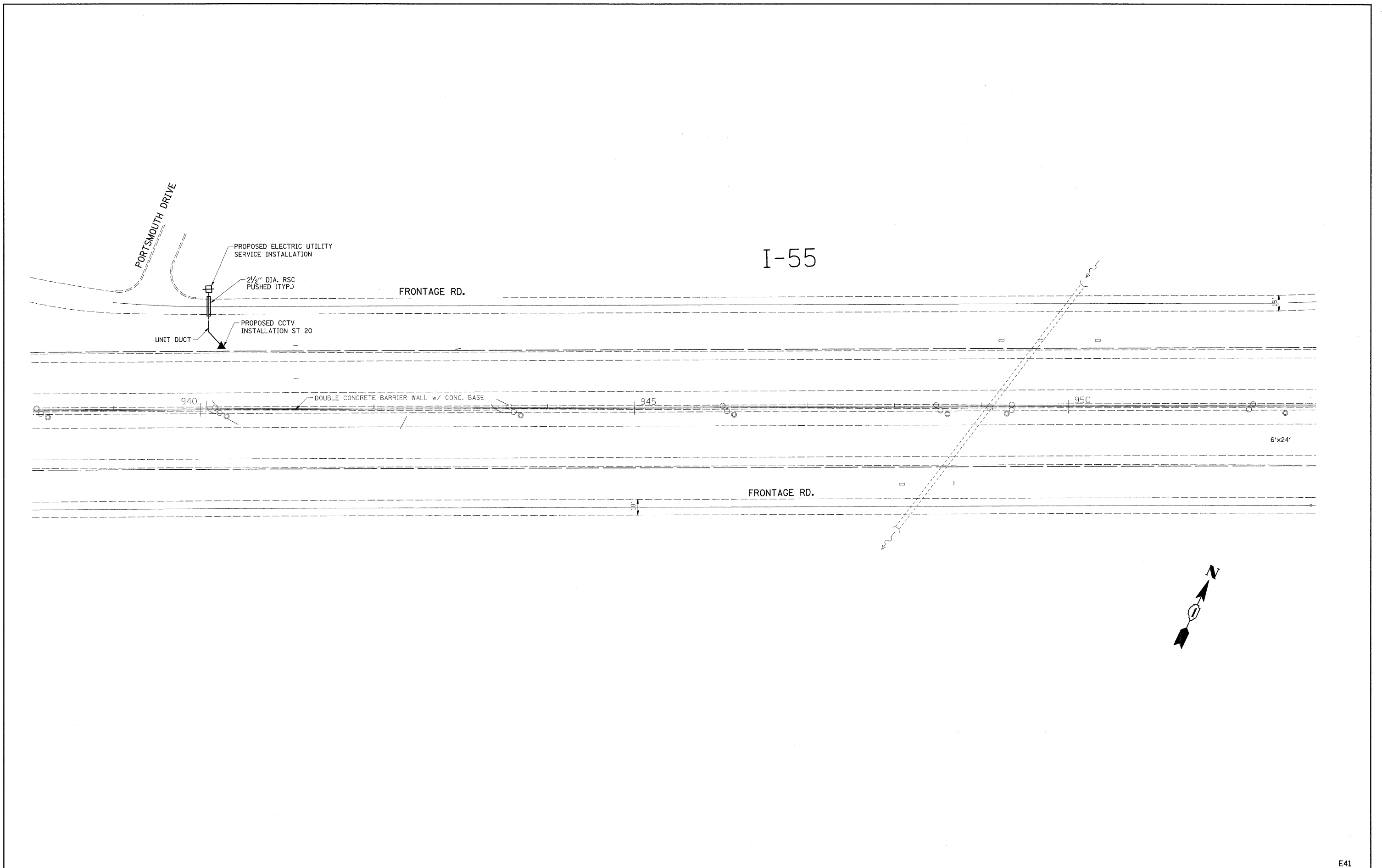
I-55



FILE NAME = c:\pw_work\PWIDOT\BAUERDL\dms90122\0115	USER NAME = bauerdl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CCTV CAMERA EXPANSION - I-55 (US 6 TO I-294) CAMERA ST 22 - 87th ST.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 50.0000 sf / IN.	CHECKED -	REVISED -			55	2007-062I	WILL & COOK	77	43	
	PLOT DATE = 3/18/2009	DATE -	REVISED -			SCALE: 1"=50'		SHEET NO. OF SHEETS	STA. 834+00 TO STA. 849+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT
								CONTRACT NO. 60E01		E39	

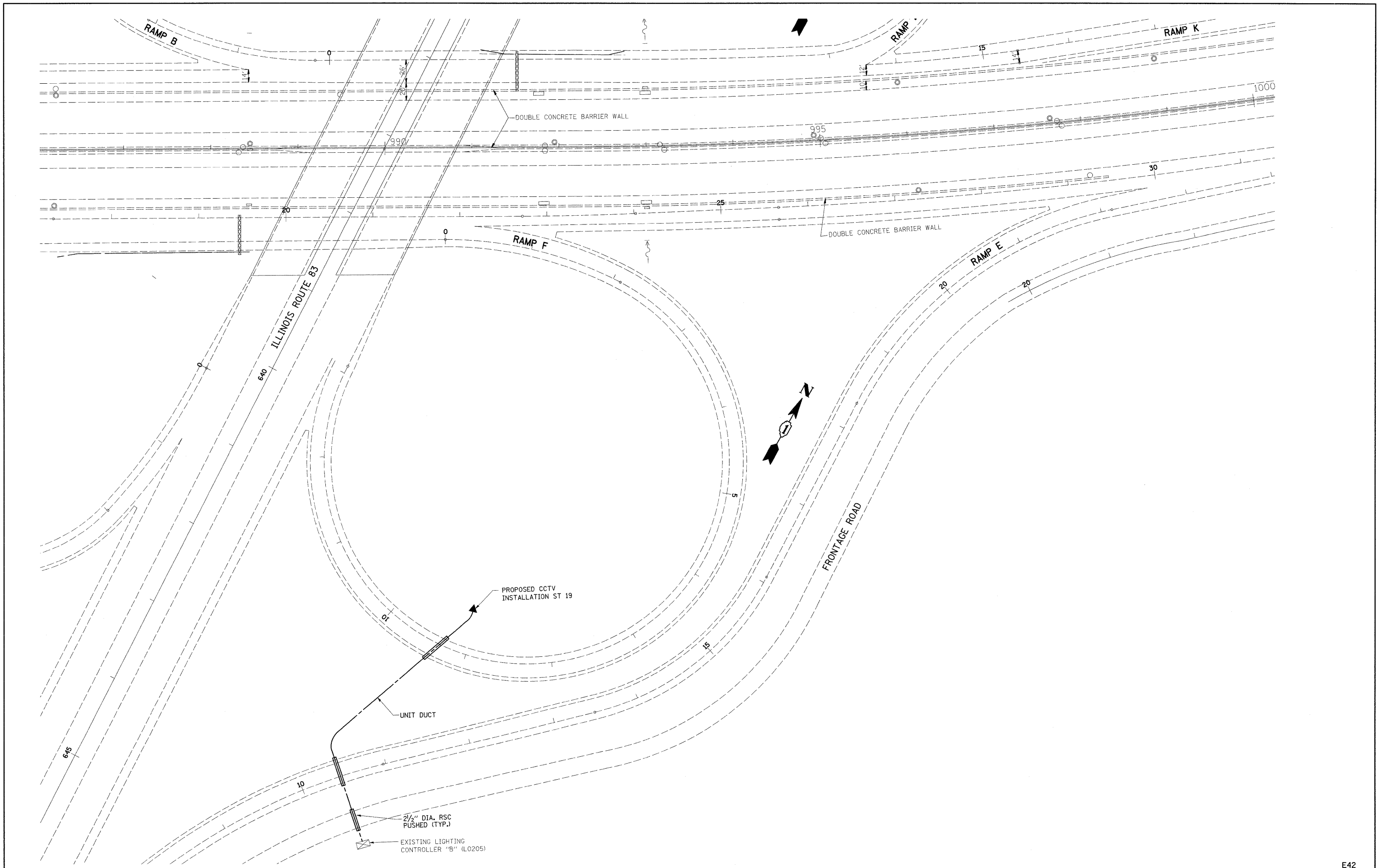


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	PLOT SCALE = 50,000 sf / IN.	CHECKED -	REVISED -		SCALE: 1"=50'	SHEET NO.	OF SHEETS	STA. 400+00	TO STA. 415+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60E01
	PLOT DATE = 3/18/2009	DATE -	REVISED -									



FILE NAME = e:\pw_work\PWIDOT\BAUERDL\dms90122\DI15	USER NAME = beuerdl 08-aht-lightac.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CCTV CAMERA EXPANSION - I-55 (US 6 TO I-294) CAMERA ST 20 - PORTSMOUTH DR.	F.A. RTE. 55	SECTION 2007-062I	COUNTY WILL & COOK	TOTAL SHEETS 74	SHEET NO. 45	
	PLOT SCALE = 50,000 sf / IN.	CHECKED -	REVISED -			SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 938+00 TO STA. 953+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60E01
	PLOT DATE = 3/18/2009	DATE -	REVISED -								

E41



FILE NAME =
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USER NAME = bauerdl
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 PLOT SCALE = 50.0000' / IN.
 PLOT DATE = 3/18/2009

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

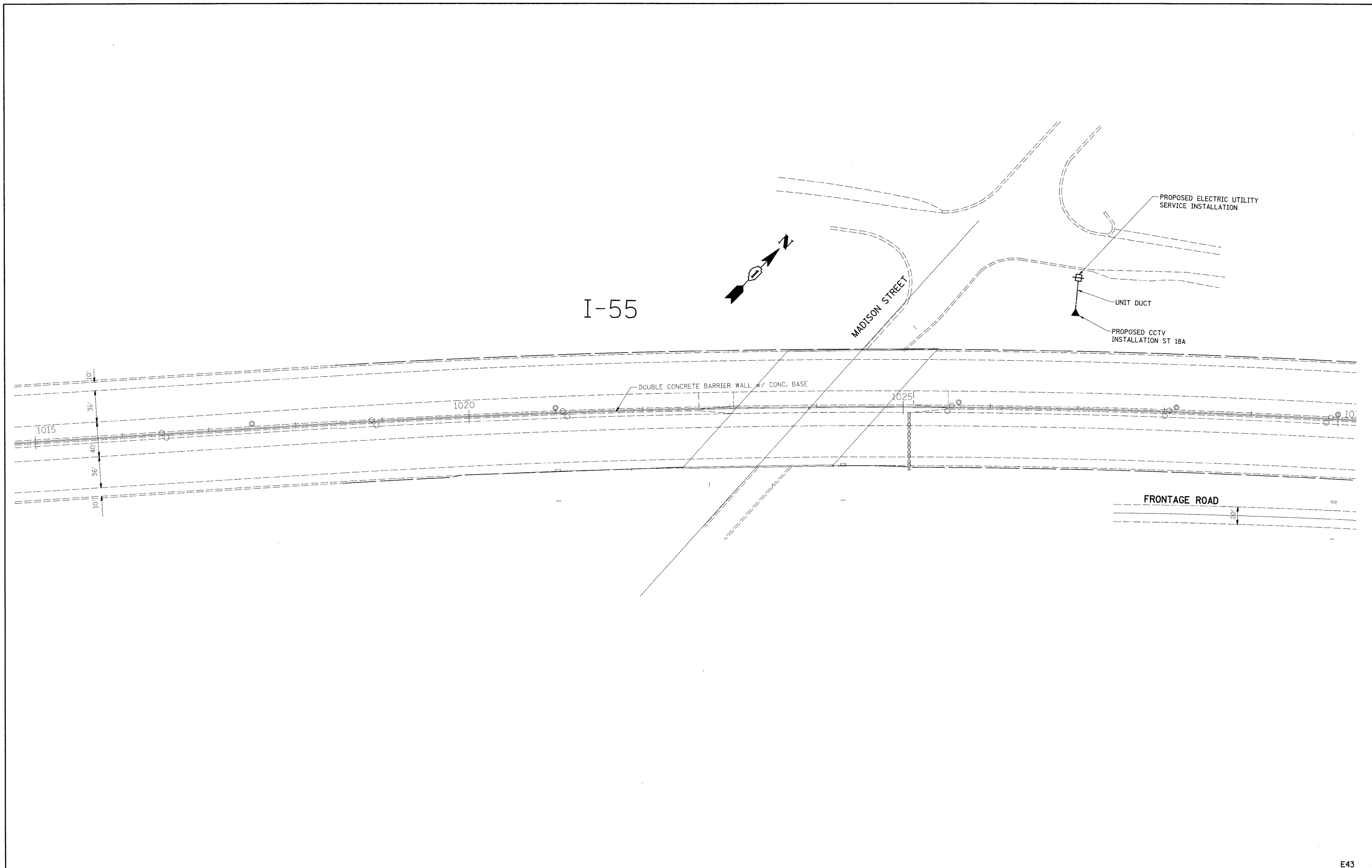
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

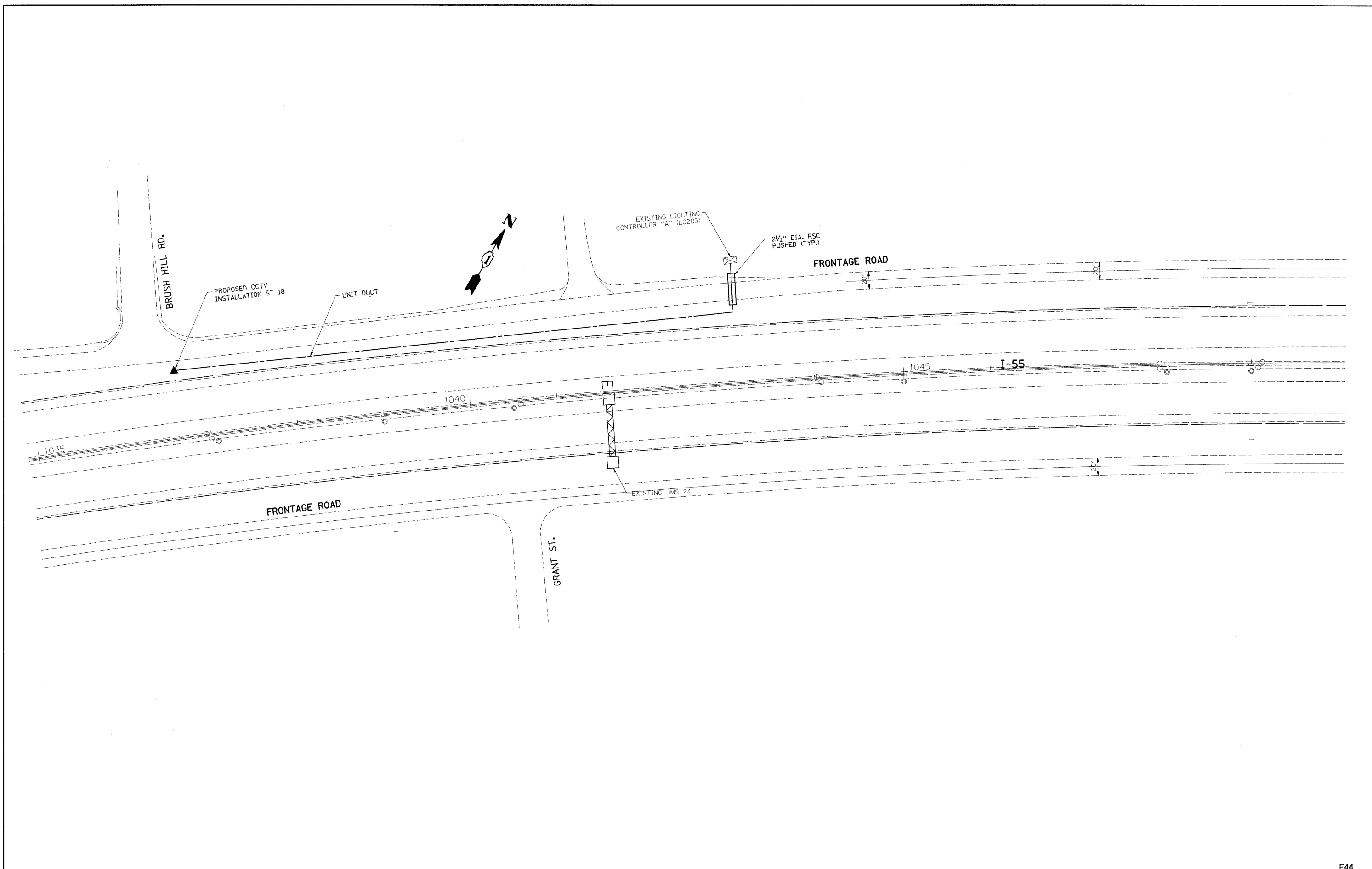
**CCTV CAMERA EXPANSION - I-55 (US 6 TO I-294)
 CAMERA ST 19 - IL RTE 83**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 986+00 TO STA. 1000+00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2007-0621	WILL & COOK	74	46
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60E01	

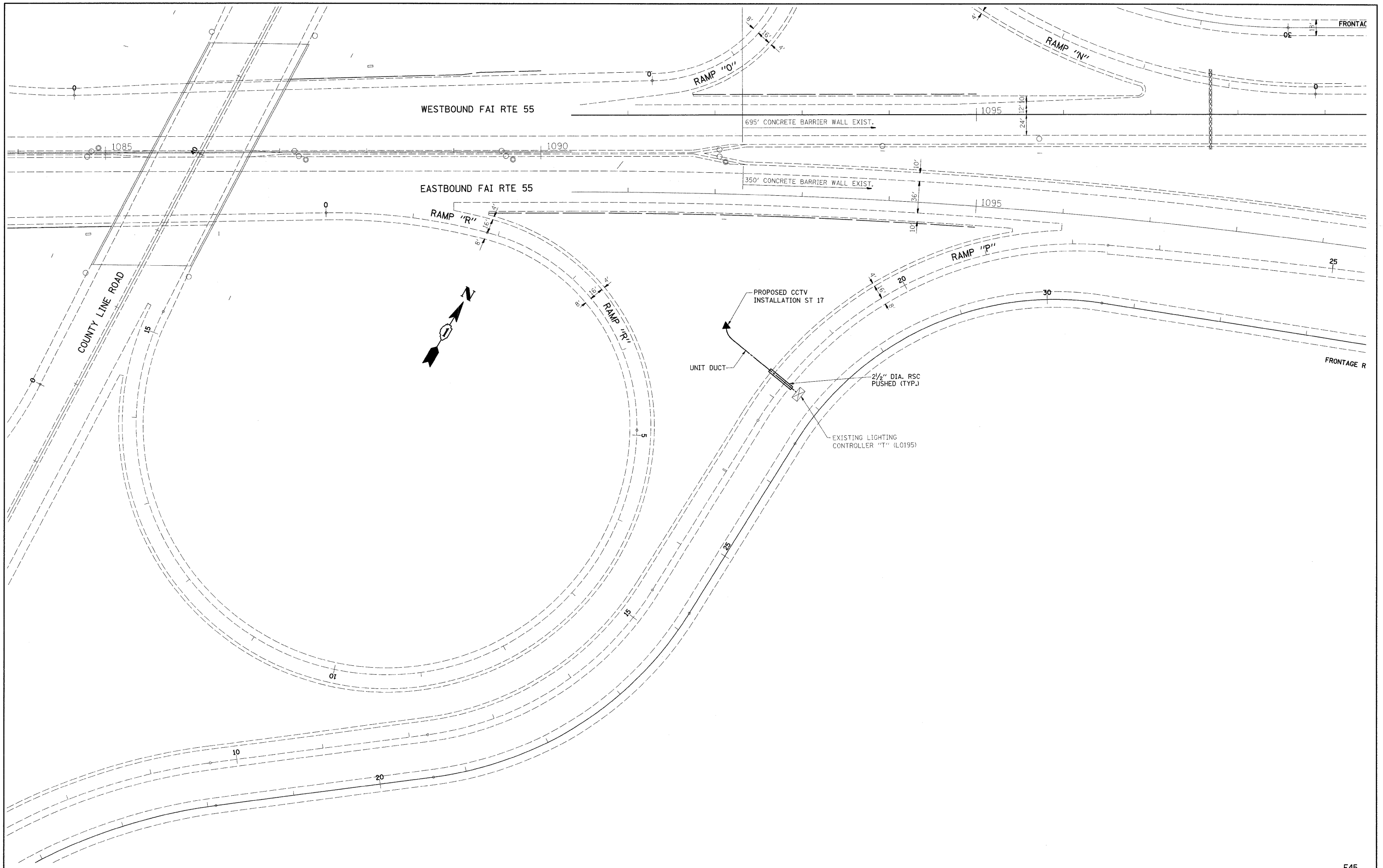


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	PLOT SCALE = 50.0000 sf / IN.	CHECKED -	REVISED -			SCALE: 1"=50'	SHEET NO. OF SHEETS	STA. 1015+00 TO STA. 1030+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60E01
	PLOT DATE = 3/18/2009	DATE -	REVISED -			STA. 1015+00 TO STA. 1030+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60E01		
	DATE -	REVISED -	STA. 1015+00 TO STA. 1030+00			FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO. 60E01			

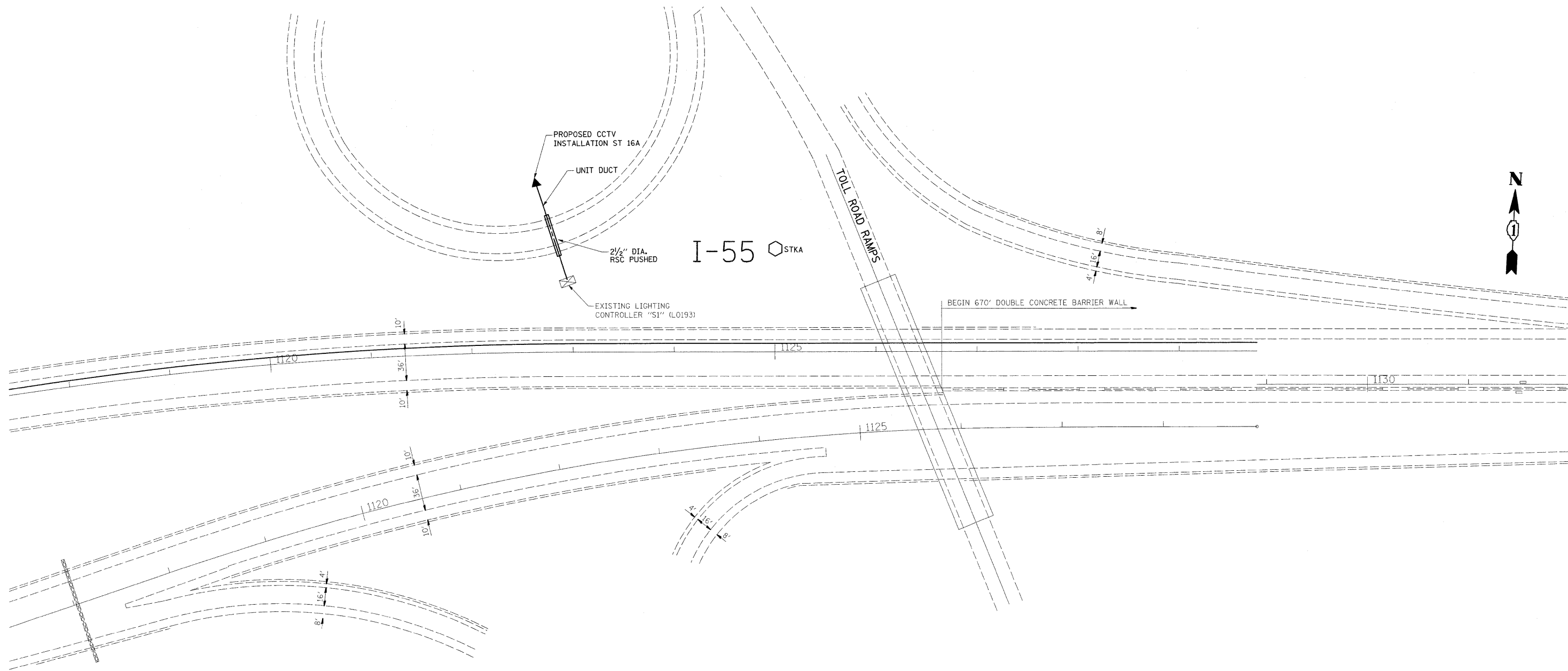


FILE NAME =		USER NAME = bauerdl		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CCTV CAMERA EXPANSION - I-55 (US 6 TO I-294) CAMERA ST 18 - BRUSH HILL RD.		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pw_work\PWIDOT\BAUERDL\dms90122\0115		08-sht-lightecv.dgn		DRAWN -	REVISED -		55	2007-062I	WILL & COOK	74	48		
PLOT SCALE = 50,0000 sf / IN.		CHECKED -	REVISED -						CONTRACT NO. 60E01				
PLOT DATE = 3/18/2009		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				
						SCALE: 1"=50'		SHEET NO. OF SHEETS		STA. 1035+00 TO STA. 1050+00		FED. ROAD DIST. NO.	

E44



FILE NAME =		USER NAME = bauerdl		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CCTV CAMERA EXPANSION - I-55 (US 6 TO I-294) CAMERA ST 17 - COUNTY LINE RD.			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
c:\pwork\pwork\BAUERDL\dms90122\0115		08-shr-lightec.dgn		DRAWN -	REVISED -					55	2007-062I	WILL & COOK	74	49			
PLOT SCALE = 50.0000 sf / IN.		CHECKED -		REVISED -	REVISED -		SCALE: 1"=50'			SHEET NO.	OF	SHEETS	STA. 1084+00	TO STA. 1095+00	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
PLOT DATE = 3/18/2009		DATE -		REVISED -	REVISED -								CONTRACT NO. 60E01				



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USER NAME = bauerdl
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 PLOT DATE = 3/18/2009

DESIGNED -
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 CHECKED -
 DATE -

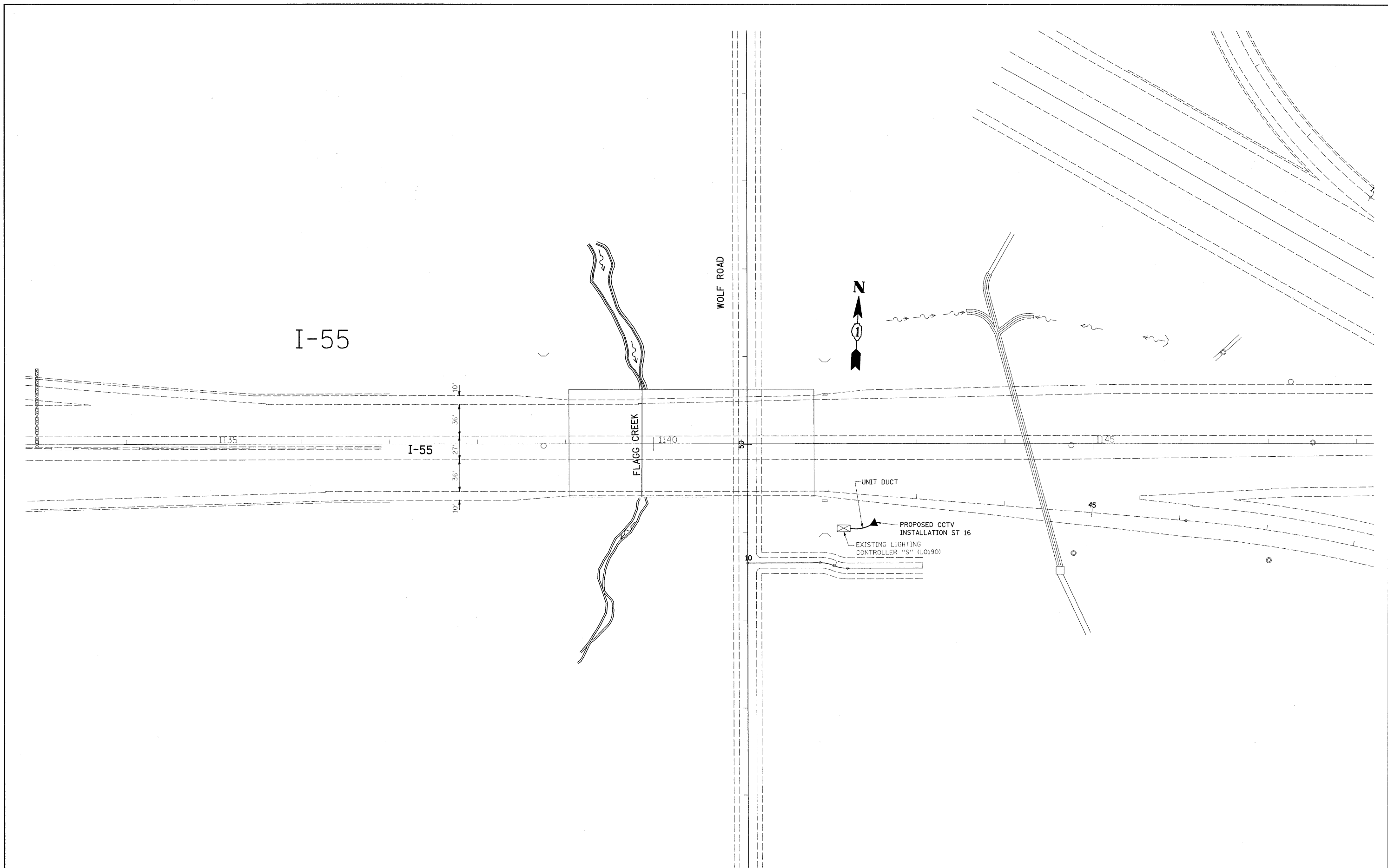
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION - I-55 (US 6 TO I-294)
 CAMERA ST 16a - TOLL ROAD RAMP**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 1118+00 TO STA. 1131+00

F.A. RTE. 55	SECTION 2007-062I	COUNTY WILL & COOK	TOTAL SHEETS 74	SHEET NO. 50
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60E01		



FILE NAME =
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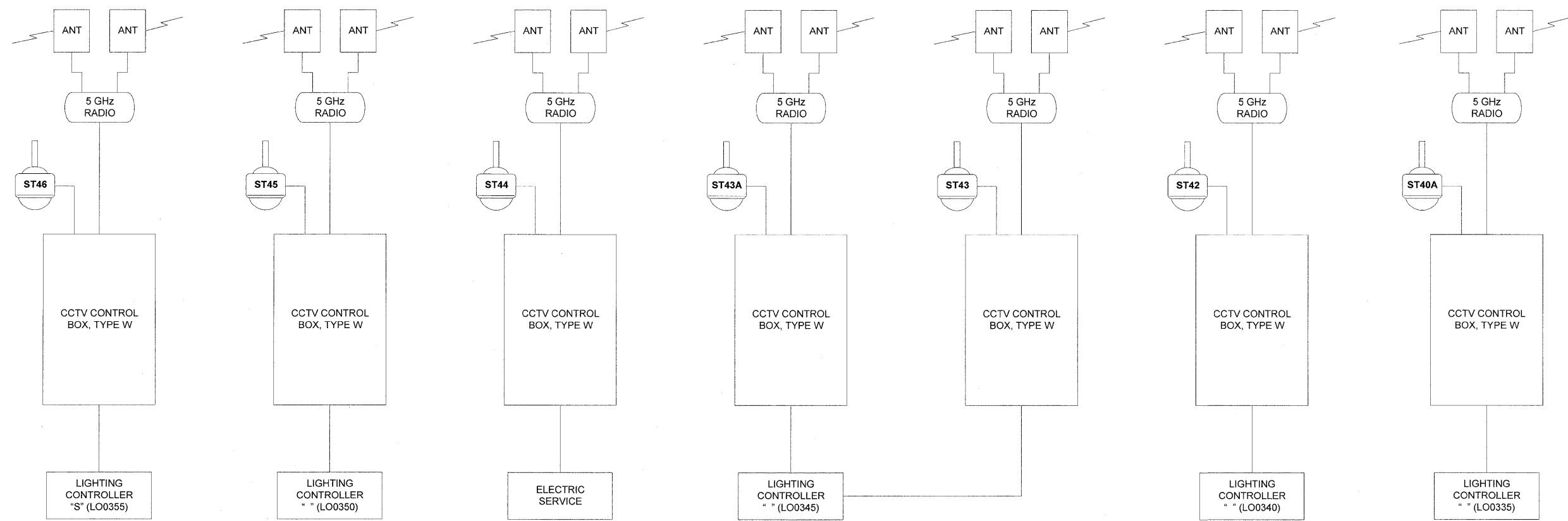
REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION - I-55 (US 6 TO I-294)
 CAMERA ST 16 - WOLF ROAD**

SCALE: 1"=50' SHEET NO. OF SHEETS STA. 1133+00 TO STA. 1148+00

F.A. RTE. 55	SECTION 2007-062I	COUNTY WILL & COOK	TOTAL SHEETS 74	SHEET NO. 51
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 60E01	



N/O BLUFF RD.		US 6		IDOT MAINT		S/O I-80		N/O I-80		COUNTY FARM ROAD		US 52	
ITEM	ADDRESS	ITEM	ADDRESS	ITEM	ADDRESS	ITEM	ADDRESS	ITEM	ADDRESS	ITEM	ADDRESS	ITEM	ADDRESS
RADIO	192.____	RADIO	192.____	RADIO	192.____	RADIO	192.____	RADIO	192.____	RADIO	192.____	RADIO	192.____
CODEC	192.____	CODEC	192.____	CODEC	192.____	CODEC	192.____	CODEC	192.____	CODEC	192.____	CODEC	192.____
CAMERA	____	CAMERA	____	CAMERA	____	CAMERA	____	CAMERA	____	CAMERA	____	CAMERA	____

FILE NAME	USER NAME	DESIGNED	REVISED
		DRAWN	REVISED
		CHECKED	REVISED
		DATE	REVISED

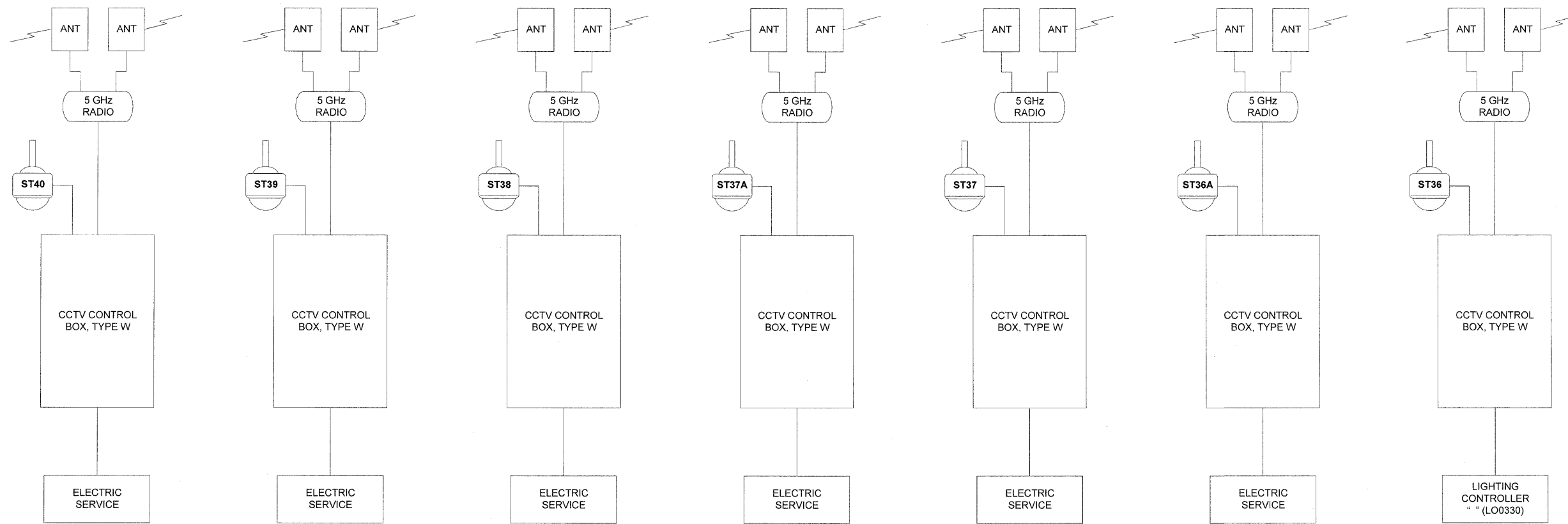
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION – FAI 55 (US 6 TO I-294)
COMMUNICATIONS DIAGRAM**

SCALE: NONE SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A. RTE. FAI55	SECTION 2007-0821	COUNTY -	TOTAL SHEETS 74	SHEET NO. 52
CONTRACT NO. 60E01			ILLINOIS FED. AID PROJECT	

* COOK, DUPAGE, WILL



BLACK RD.

S/O HARRIS DRIVE

CATON FARM ROAD.

ARBOR CREEK DR.

S/O PLAINFIELD RD.

PLAINFIELD ROAD

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

FILE NAME	USER NAME	DESIGNED	REVISED
	PLOT SCALE	DRAWN	REVISED
	PLOT DATE	CHECKED	REVISED
		DATE	REVISED

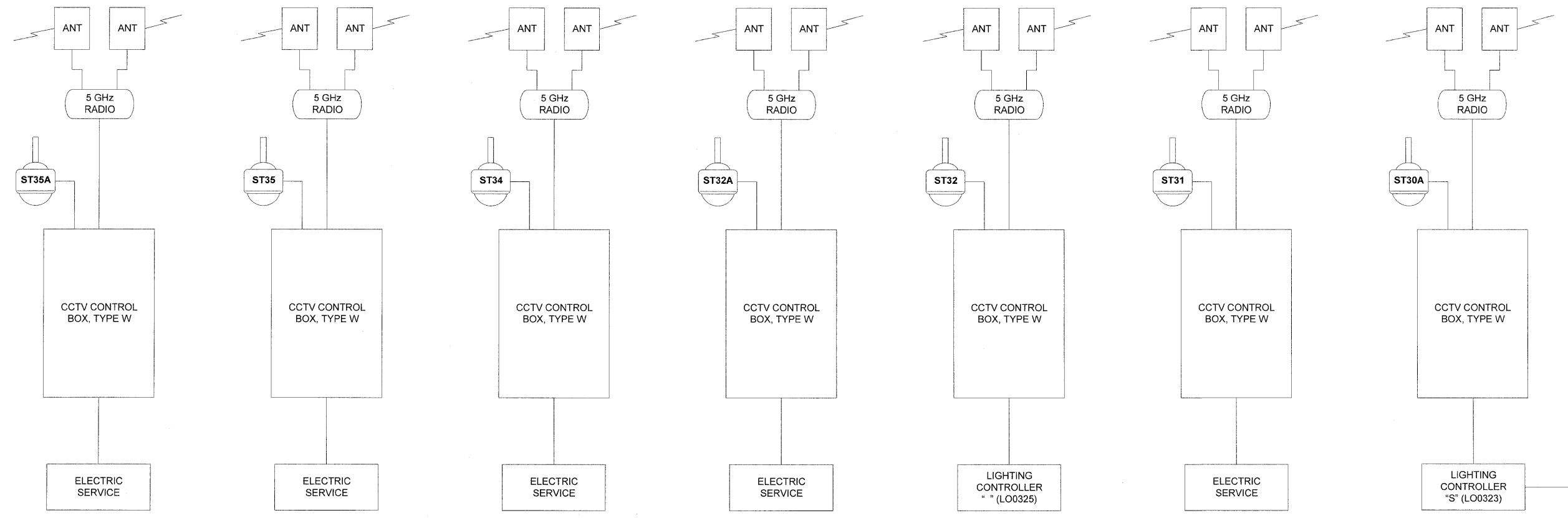
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CCTV CAMERA EXPANSION - FAI 55 (US 6 TO I-294)
COMMUNICATIONS DIAGRAM

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FA155	2007-062 1	*	74	53
CONTRACT NO.			60E01	
ILLINOIS FED. AID PROJECT				

* COOK, DUPAGE, WILL



RENWICK ROAD

S/O IL 126

IL 126

W/O WEBER ROAD

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

SEE SHEET E51

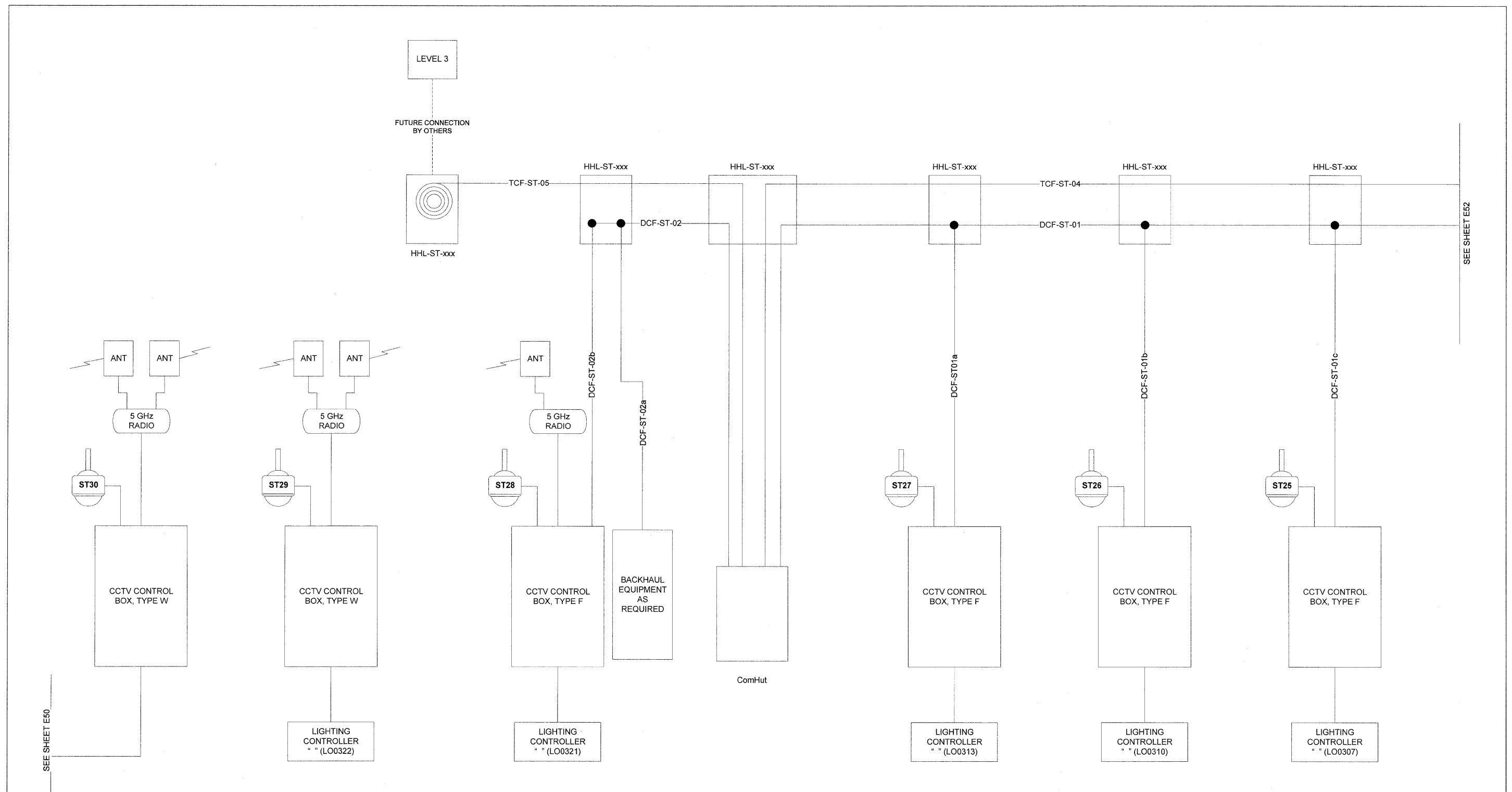
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		DRAWN	REVISED
	PLOT SCALE	CHECKED	REVISED
	PLOT DATE	DATE	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CCTV CAMERA EXPANSION – FAI 55 (US 6 TO I-294)
COMMUNICATIONS DIAGRAM
SCALE: NONE SHEET NO. ___ OF ___ SHEETS STA. ___ TO STA. ___

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI55	2007-0621	*	74	54
CONTRACT NO.			60E01	
ILLINOIS FED. AID PROJECT				

* COOK, DUPAGE, WILL



SEE SHEET E60

SEE SHEET E52

E/O WEBER ROAD

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

W/O VETERANS PKWY

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

WEIGH STATION (COLLECTION NODE)

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

E/O GATEWAY DRIVE

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

IL 53

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

INTERNATIONAL PARKWAY

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

FILE NAME	USER NAME	DESIGNED	REVISED
		DRAWN	REVISED
		CHECKED	REVISED
		DATE	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

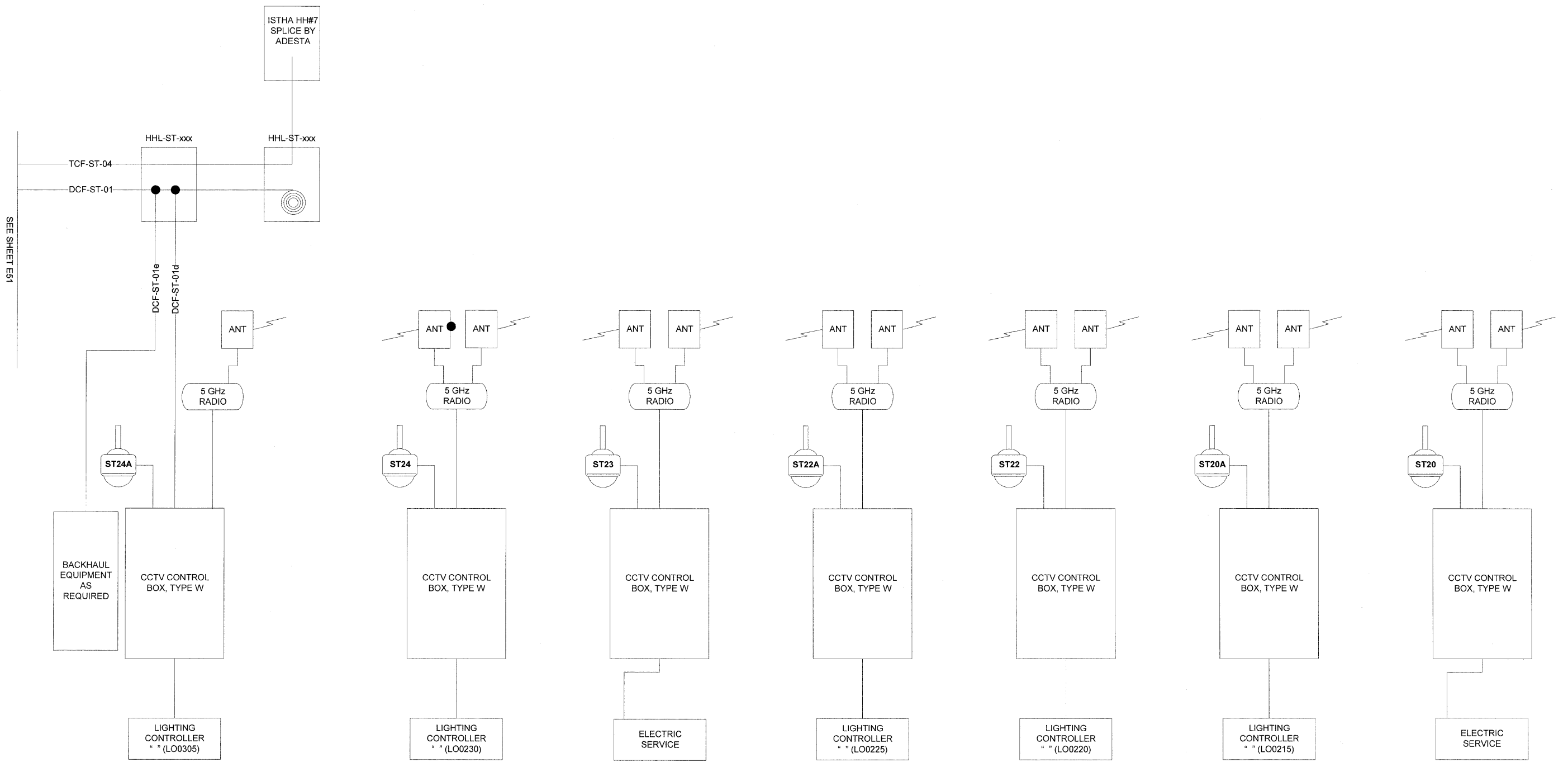
**CCTV CAMERA EXPANSION – FAI 55 (US 6 TO I-294)
COMMUNICATIONS DIAGRAM**

SCALE: NONE SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A. RTE. FAI55	SECTION 2007-0621	COUNTY *	TOTAL SHEETS 74	SHEET NO. 55
CONTRACT NO. 60E01			ILLINOIS FED. AID PROJECT	

E51

* COOK, DUPAGE, WILL



SEE SHEET E51

W/O I-355

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

Woodward Avenue

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

Oakwood

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

Lemont Road

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

W/O Oldfield Road

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

Cass Avenue

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

Portsmouth

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

FILE NAME	USER NAME	DESIGNED	REVISED
		DRAWN	REVISED
	PLOT SCALE	CHECKED	REVISED
	PLOT DATE	DATE	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

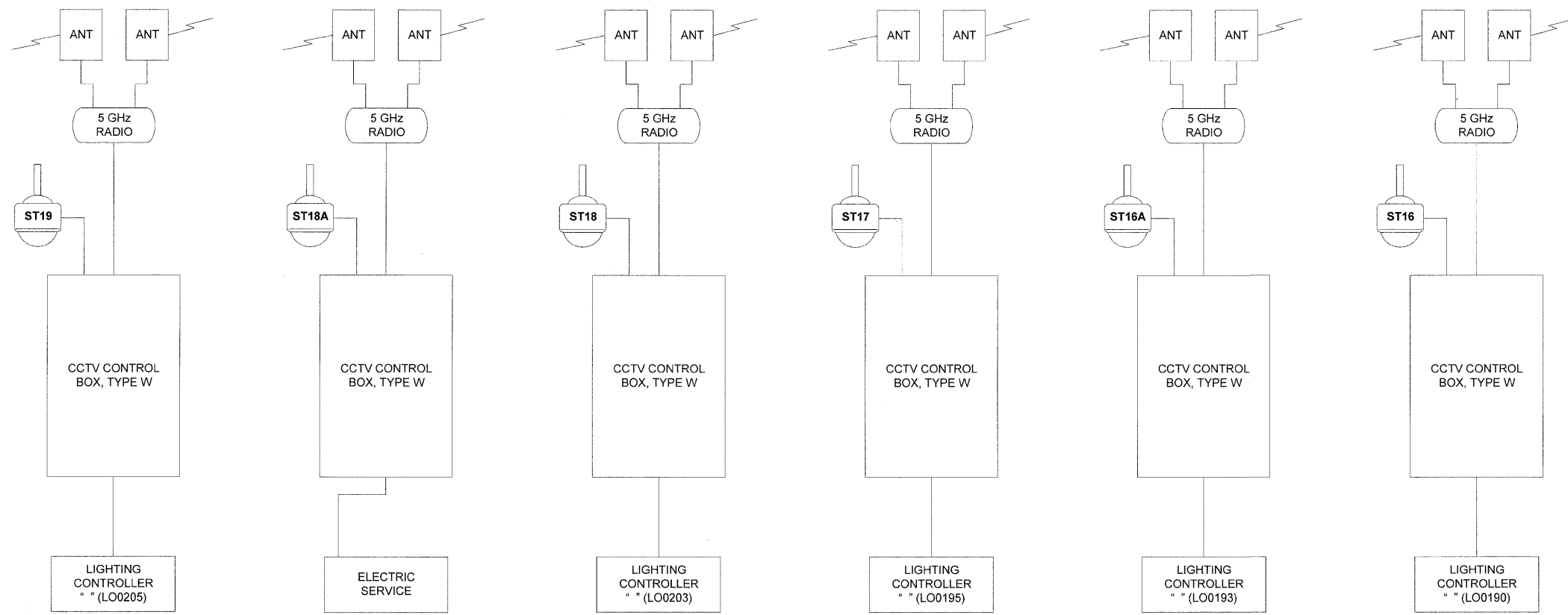
**CCTV CAMERA EXPANSION – FAI 55 (US 6 TO I-294)
COMMUNICATIONS DIAGRAM**

SCALE: NONE SHEET NO. ___ OF ___ SHEETS STA. ___ TO STA. ___

F.A. RTE. FAI55	SECTION 2007-0621	COUNTY *	TOTAL SHEETS 74	SHEET NO. 56
CONTRACT NO. 60E01			ILLINOIS FED. AID PROJECT	

E52

* COOK, DUPAGE, WILL



N/O BLUFF RD.

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

US 6

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

IDOT MAINT

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

S/O I-80

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

N/O I-80

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

COUNTY FARM ROAD

ITEM	ADDRESS
RADIO	192.____
CODEC	192.____
CAMERA	____

FILE NAME	USER NAME	DESIGNED	REVISED
		DRAWN	REVISED
	PLOT SCALE	CHECKED	REVISED
	PLOT DATE	DATE	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION – FAI 55 (US 6 TO I-294)
COMMUNICATIONS DIAGRAM**

SCALE: NONE SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

FA RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI55	2007-082 1	*	74	57
CONTRACT NO.			60E01	
ILLINOIS FED. AID PROJECT				

TRUNK CABLE FIBER ASSIGNMENTS				ORIGINATION VCP-ST-02 (WEIGH STATION)			
TCF-ST-05				DESTINATION HHL-ST- (AT LEVEL 3)			
BUFFER TUBE	FIBER NO	FIBER NO	ASSIGNMENT	BUFFER TUBE	FIBER NO	FIBER NO	ASSIGNMENT
BLUE	1	1		SLATE	1	49	
	2	2			2	50	
	3	3			3	51	
	4	4			4	52	
	5	5			5	53	
	6	6			6	54	
	7	7			7	55	
	8	8			8	56	
	9	9			9	57	
	10	10			10	58	
	11	11			11	59	
	12	12			12	60	
ORANGE	1	13		WHITE	1	61	
	2	14			2	62	
	3	15			3	63	
	4	16			4	64	
	5	17			5	65	
	6	18			6	66	
	7	19			7	67	
	8	20			8	68	
	9	21			9	69	
	10	22			10	70	
	11	23			11	71	
	12	24			12	72	
GREEN	1	25		RED	1	73	
	2	26			2	74	
	3	27			3	75	
	4	28			4	76	
	5	29			5	77	
	6	30			6	78	
	7	31			7	79	
	8	32			8	80	
	9	33			9	81	
	10	34			10	82	
	11	35			11	83	
	12	36			12	84	
BROWN	1	37		BLACK	1	85	
	2	38			2	86	
	3	39			3	87	
	4	40			4	88	
	5	41			5	89	
	6	42			6	90	
	7	43			7	91	
	8	44			8	92	
	9	45			9	93	
	10	46			10	94	
	11	47			11	95	
	12	48			12	96	

E54

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CCTV CAMERA EXPANSION – FAI 55 (US 6 TO I-294) TRUNK CABLE FIBER ASSIGNMENTS	F.A. RTE. FAI55	SECTION 2007-0621	COUNTY *	TOTAL SHEETS 74	SHEET NO. 58	
	PLOT SCALE	CHECKED	REVISED			SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60E01	ILLINOIS FED. AID PROJECT	
	PLOT DATE	DATE	REVISED								

* COOK, DUPAGE, WILL

TRUNK CABLE FIBER ASSIGNMENTS				ORIGINATION VCP-ST-02 (WEIGH STATION)			
TCF-ST-04				DESTINATION HHL-ST- (I-355)			
BUFFER TUBE	FIBER NO	FIBER NO	ASSIGNMENT	BUFFER TUBE	FIBER NO	FIBER NO	ASSIGNMENT
BLUE	1	1	CONNECTION TO ISTHA FIBER	SLATE	1	49	
	2	2	CONNECTION TO ISTHA FIBER		2	50	
	3	3	CONNECTION TO ISTHA FIBER		3	51	
	4	4	CONNECTION TO ISTHA FIBER		4	52	
	5	5	CONNECTION TO ISTHA FIBER		5	53	
	6	6	CONNECTION TO ISTHA FIBER		6	54	
	7	7			7	55	
	8	8			8	56	
	9	9			9	57	
	10	10			10	58	
	11	11			11	59	
	12	12			12	60	
ORANGE	1	13		WHITE	1	61	
	2	14			2	62	
	3	15			3	63	
	4	16			4	64	
	5	17			5	65	
	6	18			6	66	
	7	19			7	67	
	8	20			8	68	
	9	21			9	69	
	10	22			10	70	
	11	23			11	71	
	12	24			12	72	
GREEN	1	25		RED	1	73	
	2	26			2	74	
	3	27			3	75	
	4	28			4	76	
	5	29			5	77	
	6	30			6	78	
	7	31			7	79	
	8	32			8	80	
	9	33			9	81	
	10	34			10	82	
	11	35			11	83	
	12	36			12	84	
BROWN	1	37		BLACK	1	85	
	2	38			2	86	
	3	39			3	87	
	4	40			4	88	
	5	41			5	89	
	6	42			6	90	
	7	43			7	91	
	8	44			8	92	
	9	45			9	93	
	10	46			10	94	
	11	47			11	95	
	12	48			12	96	

FILE NAME	USER NAME	DESIGNED	REVISED
		DRAWN	REVISED
	PLOT SCALE	CHECKED	REVISED
	PLOT DATE	DATE	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION – FAI 55 (US 6 TO I-294)
TRUNK CABLE FIBER ASSIGNMENTS**

SCALE: NONE SHEET NO. 74 OF 74 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI55	2007-062 I	*	74	59
ILLINOIS FED. AID PROJECT			CONTRACT NO.	60E01

E55

* COOK, DUPAGE, WILL

LEVEL3 FIBER OPTIC CABLE		
FIBER NO	COLOR	FUNCTION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

TRUNK FIBER OPTIC CABLE (IDOT)		
TCF-ST-05		
FIBER NO	COLOR	FUNCTION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

PATCH PANEL(S)
PROVIDE 12 1M SINGLE MODE PATCH CABLES

TRUNK FIBER OPTIC CABLE (IDOT)		
TCF-ST-04		
FIBER NO	COLOR	FUNCTION
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

ISTHA FIBER OPTIC CABLE		
FIBER NO	COLOR	FUNCTION

FILE NAME	USER NAME	DESIGNED	REVISED
		DRAWN	REVISED
		CHECKED	REVISED
		DATE	REVISED
	PLOT SCALE		
	PLOT DATE		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION – FAI 55 (US 6 TO I-294)
TRUNK CABLE FIBER SPLICING ASSIGNMENTS**

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI55	2007-062 I	*	74	60
CONTRACT NO.			60E01	
ILLINOIS FED. AID PROJECT				

* COOK, DUPAGE, WILL

TRUNK CABLE FIBER ASSIGNMENTS				ORIGINATION xxx-ST-xx			
DCF-ST-02				DESTINATION xxx-ST-xx			
BUFFER TUBE	FIBER NO	FIBER NO	ASSIGNMENT	BUFFER TUBE	FIBER NO	FIBER NO	ASSIGNMENT
BLUE	1	1	CCTV ST28	SLATE	1	49	
	2	2			2	50	
	3	3			3	51	
	4	4			4	52	
	5	5			5	53	
	6	6			6	54	
	7	7			7	55	
	8	8			8	56	
	9	9			9	57	
	10	10			10	58	
	11	11			11	59	
	12	12			12	60	
ORANGE	1	13	RADIO BACK HAUL (AS REQUIRED)	WHITE	1	61	
	2	14	RADIO BACK HAUL (AS REQUIRED)		2	62	
	3	15	RADIO BACK HAUL (AS REQUIRED)		3	63	
	4	16	RADIO BACK HAUL (AS REQUIRED)		4	64	
	5	17	RADIO BACK HAUL (AS REQUIRED)		5	65	
	6	18	RADIO BACK HAUL (AS REQUIRED)		6	66	
	7	19			7	67	
	8	20			8	68	
	9	21			9	69	
	10	22			10	70	
	11	23			11	71	
	12	24			12	72	
GREEN	1	25		RED	1	73	
	2	26			2	74	
	3	27			3	75	
	4	28			4	76	
	5	29			5	77	
	6	30			6	78	
	7	31			7	79	
	8	32			8	80	
	9	33			9	81	
	10	34			10	82	
	11	35			11	83	
	12	36			12	84	
BROWN	1	37		BLACK	1	85	
	2	38			2	86	
	3	39			3	87	
	4	40			4	88	
	5	41			5	89	
	6	42			6	90	
	7	43			7	91	
	8	44			8	92	
	9	45			9	93	
	10	46			10	94	
	11	47			11	95	
	12	48			12	96	

FILE NAME	USER NAME	DESIGNED	REVISED
		DRAWN	REVISED
	PLOT SCALE	CHECKED	REVISED
	PLOT DATE	DATE	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA EXPANSION – FAI 55 (US 6 TO I-294)
DISTRIBUTION CABLE FIBER ASSIGNMENTS**

SCALE: NONE SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI55	2007-062 I		77	61
CONTRACT NO.			60E01	
ILLINOIS		FED. AID PROJECT		

E57

* COOK, DUPAGE, WILL

TRUNK CABLE FIBER ASSIGNMENTS				ORIGINATION xxx-ST-xx			
DCF-ST-01				DESTINATION xxx-ST-xx			
BUFFER TUBE	FIBER NO	FIBER NO	ASSIGNMENT	BUFFER TUBE	FIBER NO	FIBER NO	ASSIGNMENT
BLUE	1	1	CCTV ST24A	SLATE	1	49	
	2	2	CCTV ST25		2	50	
	3	3	CCTV ST26		3	51	
	4	4	CCTV ST27		4	52	
	5	5			5	53	
	6	6			6	54	
	7	7			7	55	
	8	8			8	56	
	9	9			9	57	
	10	10			10	58	
	11	11			11	59	
	12	12			12	60	
ORANGE	1	13	RADIO BACK HAUL (AS REQUIRED)	WHITE	1	61	
	2	14	RADIO BACK HAUL (AS REQUIRED)		2	62	
	3	15	RADIO BACK HAUL (AS REQUIRED)		3	63	
	4	16	RADIO BACK HAUL (AS REQUIRED)		4	64	
	5	17	RADIO BACK HAUL (AS REQUIRED)		5	65	
	6	18	RADIO BACK HAUL (AS REQUIRED)		6	66	
	7	19			7	67	
	8	20			8	68	
	9	21			9	69	
	10	22			10	70	
	11	23			11	71	
	12	24			12	72	
GREEN	1	25		RED	1	73	
	2	26			2	74	
	3	27			3	75	
	4	28			4	76	
	5	29			5	77	
	6	30			6	78	
	7	31			7	79	
	8	32			8	80	
	9	33			9	81	
	10	34			10	82	
	11	35			11	83	
	12	36			12	84	
BROWN	1	37		BLACK	1	85	
	2	38			2	86	
	3	39			3	87	
	4	40			4	88	
	5	41			5	89	
	6	42			6	90	
	7	43			7	91	
	8	44			8	92	
	9	45			9	93	
	10	46			10	94	
	11	47			11	95	
	12	48			12	96	

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FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CCTV CAMERA EXPANSION - FAI 55 (US 6 TO I-294) DISTRIBUTION CABLE FIBER ASSIGNMENTS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN	REVISED			FAI55	2007-062 I	*	74	62	
PLOT SCALE		CHECKED	REVISED			SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 60E01		
PLOT DATE		DATE	REVISED						ILLINOIS FED. AID PROJECT		

* COOK, DUPAGE, WILL

DISTRIBUTION CABLE FIBER ASSIGNMENTS

DCF-ST-01a		
FIBER NO	FUNCTION	CONNECTION
1	CCTV ST27	DCF-ST-01-04N
2	CCTV ST27	DCF-ST-01-04S
3	Spare	None
4	Spare	None
5	Spare	None
6	Spare	None

DISTRIBUTION CABLE FIBER ASSIGNMENTS

DCF-ST-01b		
FIBER NO	FUNCTION	CONNECTION
1	CCTV ST26	DCF-ST-01-03N
2	CCTV ST26	DCF-ST-01-03S
3	Spare	None
4	Spare	None
5	Spare	None
6	Spare	None

DISTRIBUTION CABLE FIBER ASSIGNMENTS

DCF-ST-01c		
FIBER NO	FUNCTION	CONNECTION
1	CCTV ST25	DCF-ST-01-02N
2	CCTV ST25	DCF-ST-01-02S
3	Spare	None
4	Spare	None
5	Spare	None
6	Spare	None

DISTRIBUTION CABLE FIBER ASSIGNMENTS

DCF-ST-01d		
FIBER NO	FUNCTION	CONNECTION
1	CCTV ST24A	DCF-ST-01-01N
2	CCTV ST24A	DCF-ST-01-01S
3	Spare	None
4	Spare	None
5	Spare	None
6	Spare	None

DISTRIBUTION CABLE FIBER ASSIGNMENTS

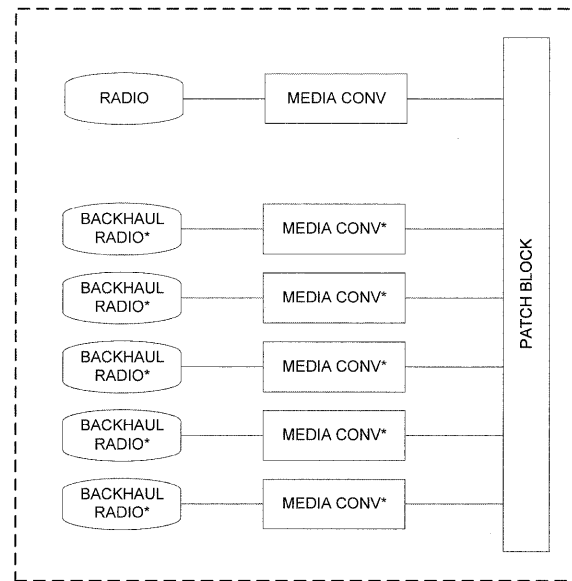
DCF-ST-01e		
FIBER NO	FUNCTION	CONNECTION
1	BACKHAUL AS REQUIRED	DCF-ST-02-13N
2	BACKHAUL AS REQUIRED	DCF-ST-02-14N
3	BACKHAUL AS REQUIRED	DCF-ST-02-15N
4	BACKHAUL AS REQUIRED	DCF-ST-02-16N
5	BACKHAUL AS REQUIRED	DCF-ST-02-17N
6	BACKHAUL AS REQUIRED	DCF-ST-02-18N

DISTRIBUTION CABLE FIBER ASSIGNMENTS

DCF-ST-02a		
FIBER NO	FUNCTION	CONNECTION
1	CCTV ST28	DCF-ST-02-01N
2	CCTV ST28	DCF-ST-02-01S
3	Spare	None
4	Spare	None
5	Spare	None
6	Spare	None

DISTRIBUTION CABLE FIBER ASSIGNMENTS

DCF-ST-02b		
FIBER NO	FUNCTION	CONNECTION
1	BACKHAUL AS REQUIRED	DCF-ST-02-13N
2	BACKHAUL AS REQUIRED	DCF-ST-02-14N
3	BACKHAUL AS REQUIRED	DCF-ST-02-15N
4	BACKHAUL AS REQUIRED	DCF-ST-02-16N
5	BACKHAUL AS REQUIRED	DCF-ST-02-17N
6	BACKHAUL AS REQUIRED	DCF-ST-02-18N

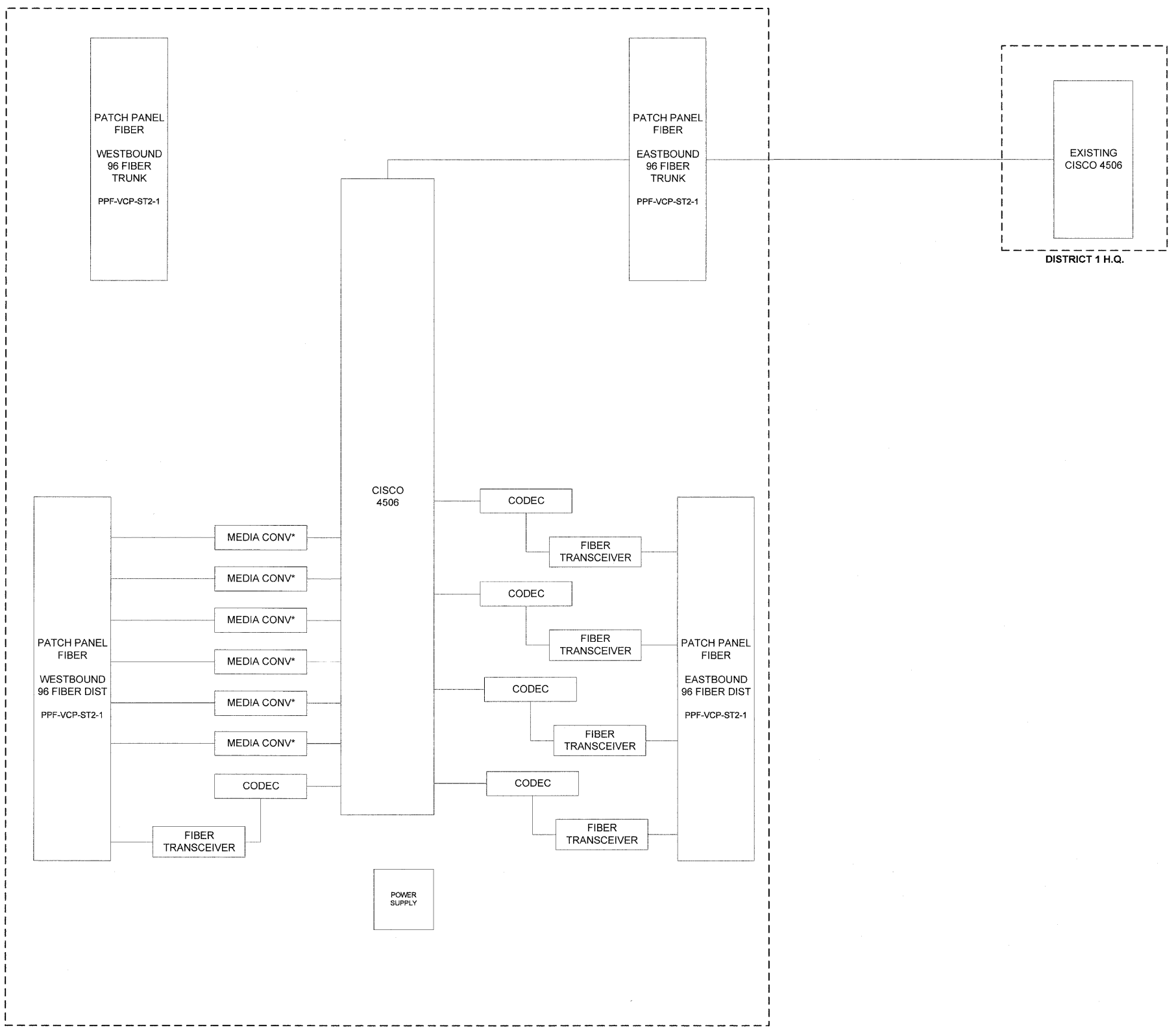


CAMERA LOCATION ST28

*BACKHAUL RADIO EQUIPMENT AND ASSOCIATED FIBER TRANSCEIVERS SHALL BE MOUNTED IN A SEPARATE CABINET. CABINET SHALL BE AS SPECIFIED FOR CCTV EQ, WIRELESS DISTRIBUTION.

*THE QUANTITY OF BACKHAUL RADIOS AND ASSOCIATED EQUIPMENT ARE SHOWN FOR ILLUSTRATION ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE QUANTITY OF BACKHAUL CIRCUITS AND CORRESPONDING RADIOS BASED ON THE PERFORMANCE REQUIREMENTS OF THE SPECIFICATIONS AND THE CONTRACTOR'S CHOICE OF EQUIPMENT MANUFACTURER.

*THIS WORK SHALL BE INCLUDED IN THE WIRELESS DISTRIBUTION SYSTEM PAY ITEM.



WEIGH STATION

FILE NAME	USER NAME	DESIGNED	REVISED
	PLOT SCALE	DRAWN	REVISED
	PLOT DATE	CHECKED	REVISED
		DATE	REVISED

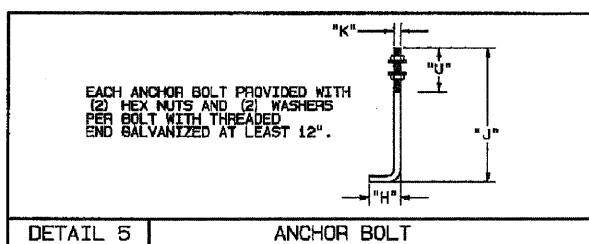
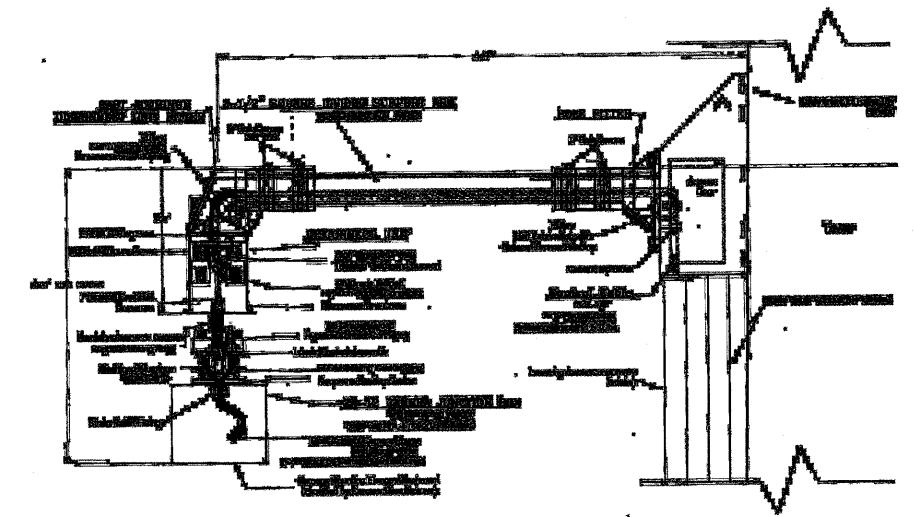
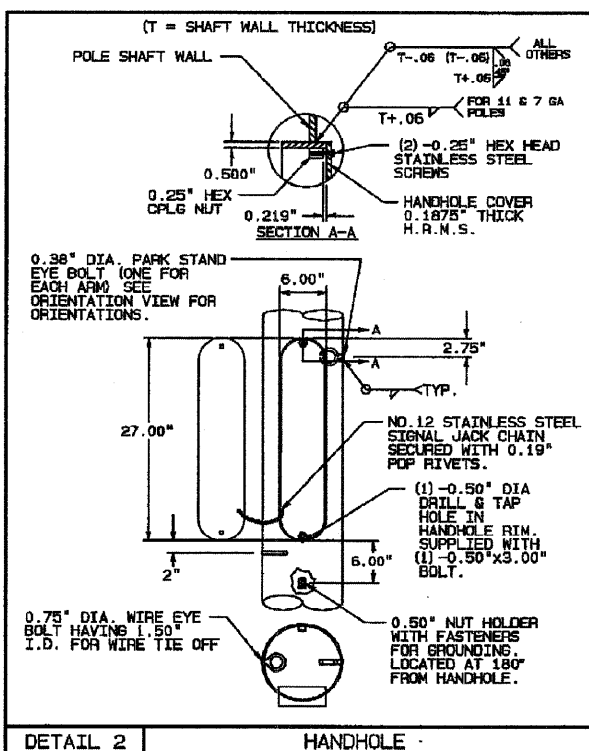
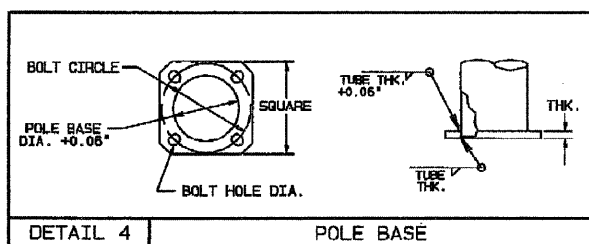
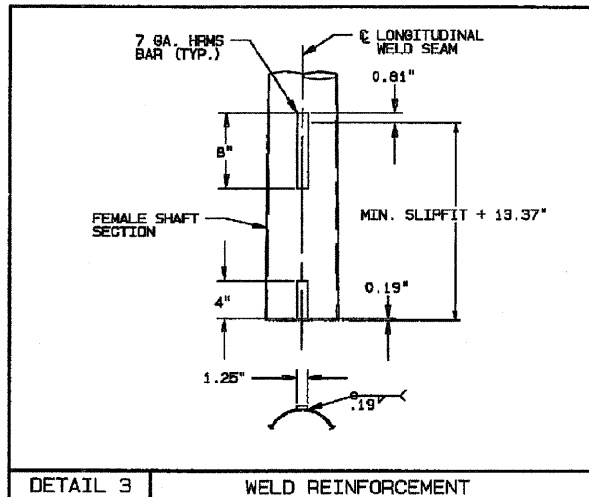
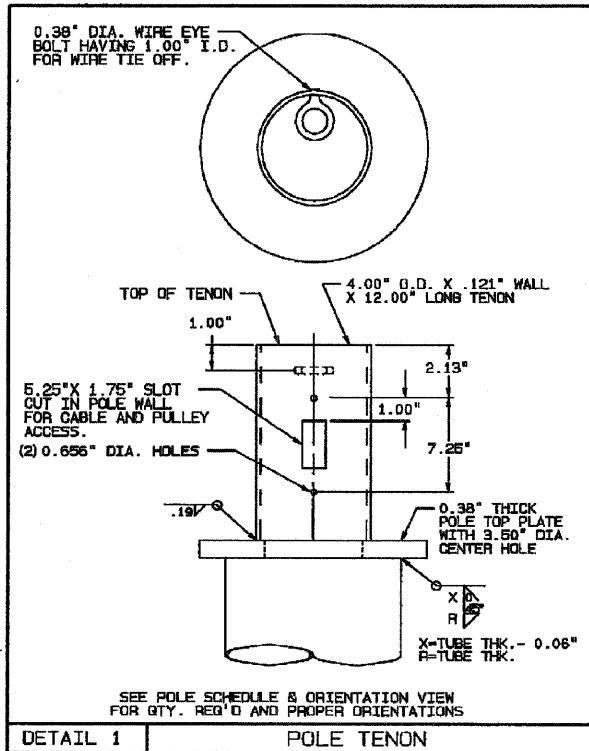
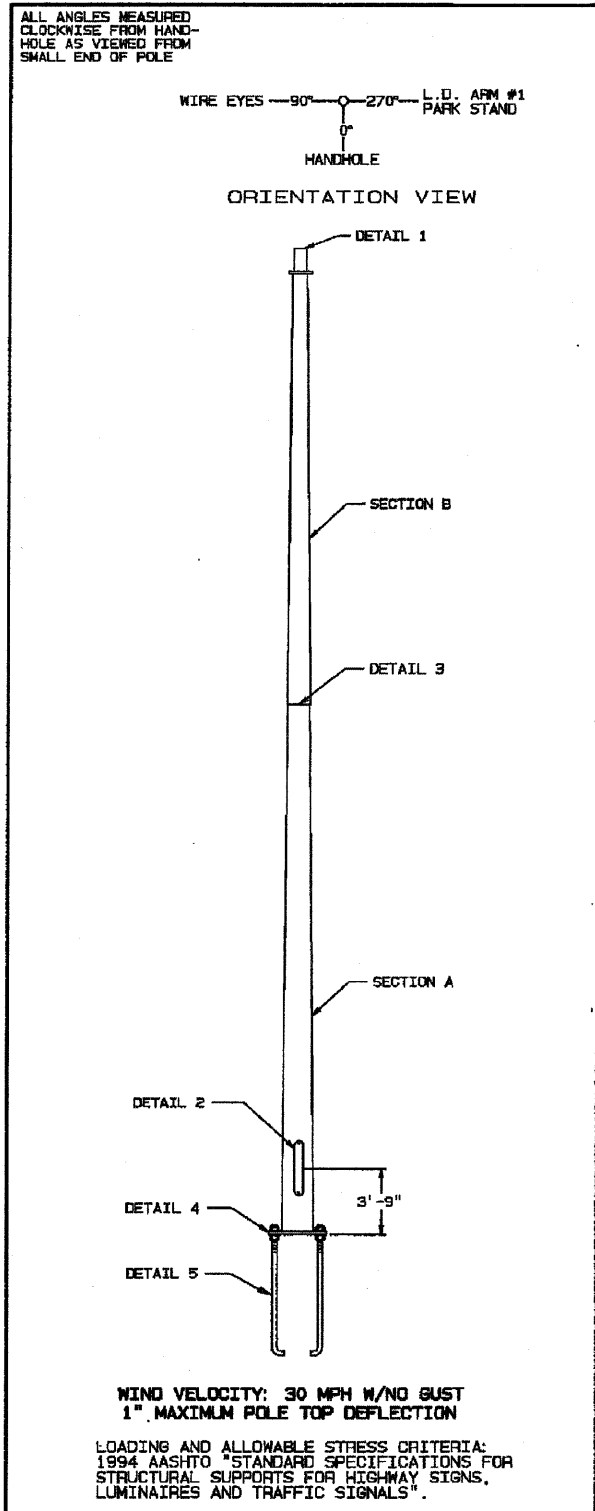
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CCTV CAMERA EXPANSION - FAI 55 (US 6 TO I-294)
COMMUNICATIONS SHELTER BLOCK DIAGRAM
SCALE: NONE SHEET NO. ___ OF ___ SHEETS STA. _____ TO STA. _____

FAI RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI55	2007-0821	*	74	64
CONTRACT NO.			60E01	
ILLINOIS FED. AID PROJECT				

POLE DATA																			
ITEM NO.	QTY.	DESIGNATION EPA/WT.	POLE HEIGHT (FT)	NO. L.D. ARMS REQD	TUBE					POLE BASE			ANCHOR BOLT						
					SECTION	BASE DIAMETER (IN)	TOP DIAMETER (IN)	LENGTH (FT)	GAUGE OR THICK (IN)	MINIMUM SLIP LENGTH (IN)	SQUARE (IN)	BOLT CIRCLE DIAMETER (IN)	BOLT HOLE DIAMETER (IN)	DIAM. K (IN)	LENGTH J (IN)	HOOK H (IN)	THREAD LENGTH I (IN)	NUMBER REQ'D	
13		MG2ITS80-1 (GV) 2.8/120 (MAX)	80.00	1	A	25.00	19.13	41.96	0.250	N/A	31.00	30.00	1.50	2.00	1.75	84.00	6.00	8.00	4
					B	20.00	14.17	41.61	0.188	29.44									

MATERIAL DATA		
COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)
POLE SHAFT - ALL OTHERS	A572 GR. 50	50
POLE SHAFT - 7 & 11 GAUGE	A572 GR. A	55
BASE PLATE	A36	36
POLE TOP PLATE	A36	36
TENON - C.D.S. TUBING		42
ANCHOR BOLTS	F1554 GR. 55	55
GALVANIZING - STRUCTURE	A123	
GALVANIZING - HARDWARE	A153	



FILE NAME	USER NAME	DESIGNED	REVISED
		DRAWN	REVISED
		CHECKED	REVISED
		DATE	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

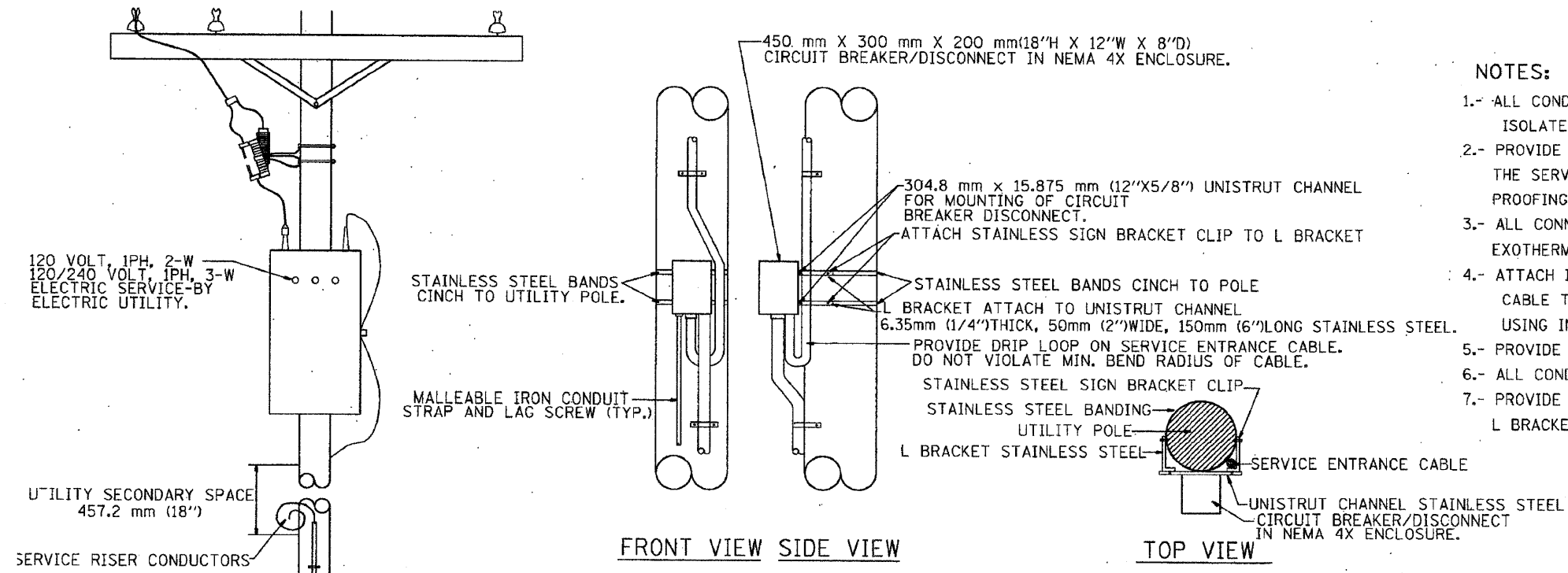
CCTV CAMERA EXPANSION - FAI 55 (US 6 TO I-294)
CCTV CAMERA STRUCTURE, 80 FT M.H., GALVANIZED STEEL

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI55	2007-0821	*	74	65
CONTRACT NO. 60E01				
ILLINOIS FED. AID PROJECT				

E60

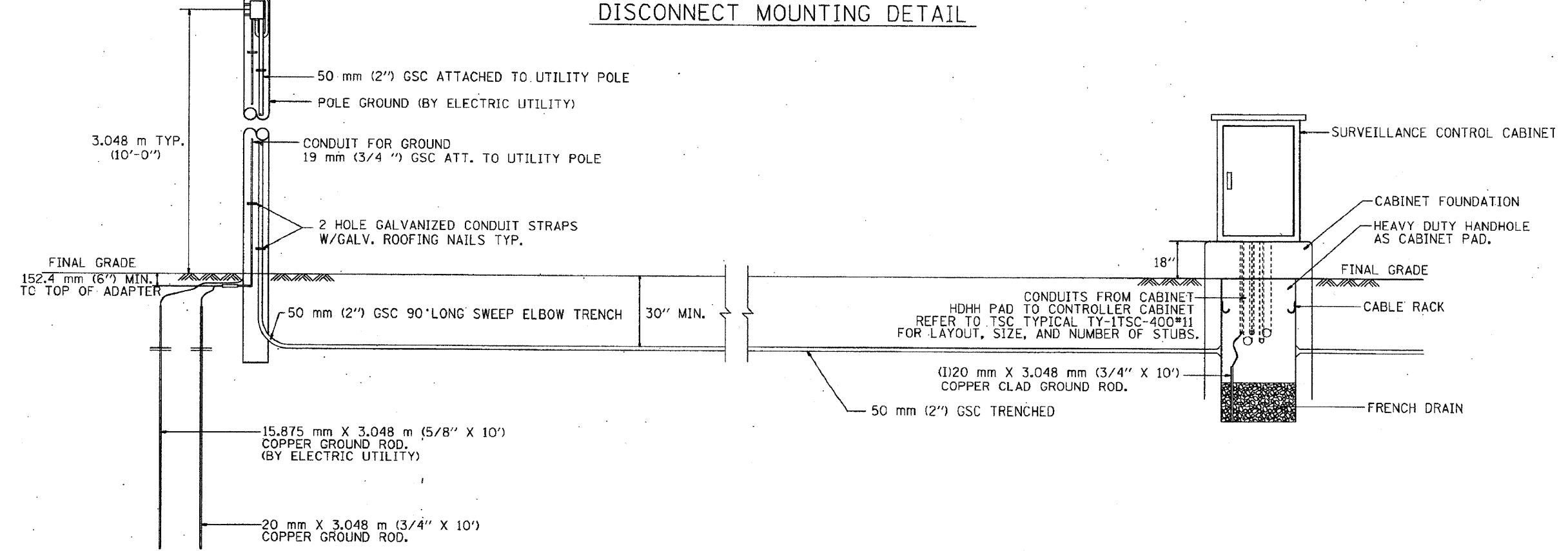
* COOK, DUPAGE, WILL



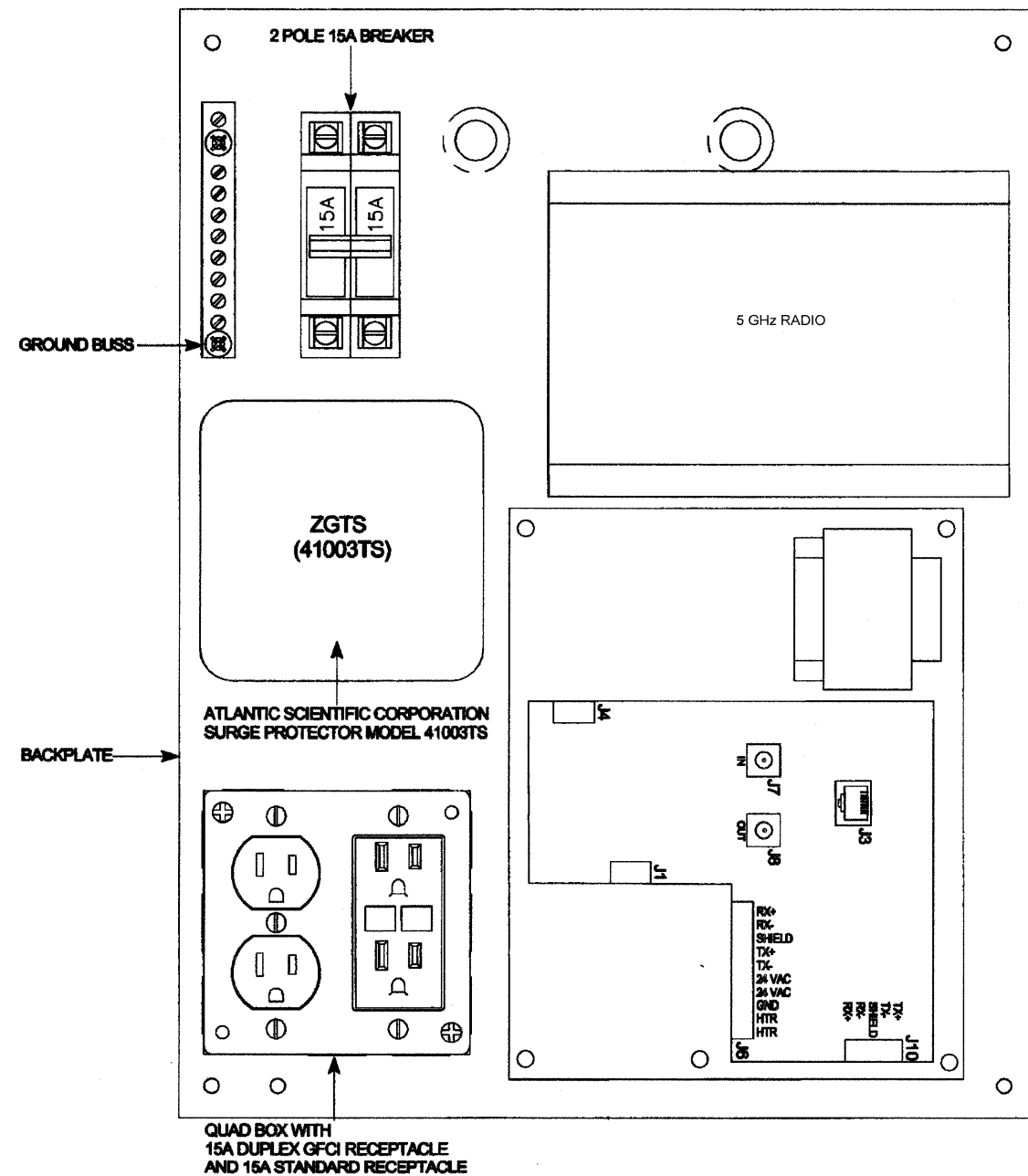
NOTES:

- 1.- ALL CONDUIT BUSHINGS SHALL HAVE AN ISOLATED THROAT.
- 2.- PROVIDE HEAT SHRINK BOOT AT THE TOP OF THE SERVICE ENTRANCE CABLE FOR MOISTURE PROOFING.
- 3.- ALL CONNECTIONS TO GROUND RODS SHALL BE EXOTHERMIC UNLESS OTHERWISE NOTED.
- 4.- ATTACH INCOMING ELECTRIC SERVICE CABLE TO UTILITY POLE EVERY 5' FEET USING INSULATED U-NAIL.
- 5.- PROVIDE CABLE RACK IN HANDHOLES.
- 6.- ALL CONDUCTORS SHALL BE COPPER.
- 7.- PROVIDE STAINLESS STEEL HARDWARE TO ATTACH L BRACKETS TO UNISTRUT AND TO SIGN HANGER.

FRONT VIEW SIDE VIEW
 TOP VIEW
 NTS
 DISCONNECT MOUNTING DETAIL



FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CCTV CAMERA EXPANSION - FAI 55 (US 6 TO I-294) ELECTRIC SERVICE INSTALLATION	F.A. RTE. FAI55	SECTION 2007-062.1	COUNTY *	TOTAL SHEETS 74	SHEET NO. 67
PLOT SCALE	CHECKED	DATE	REVISED	SCALE: NONE	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 60E01	
PLOT DATE									* COOK, DUPAGE, WILL	



FILE NAME	USER NAME	DESIGNED	REVISED
		DRAWN	REVISED
	PLOT SCALE	CHECKED	REVISED
	PLOT DATE	DATE	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

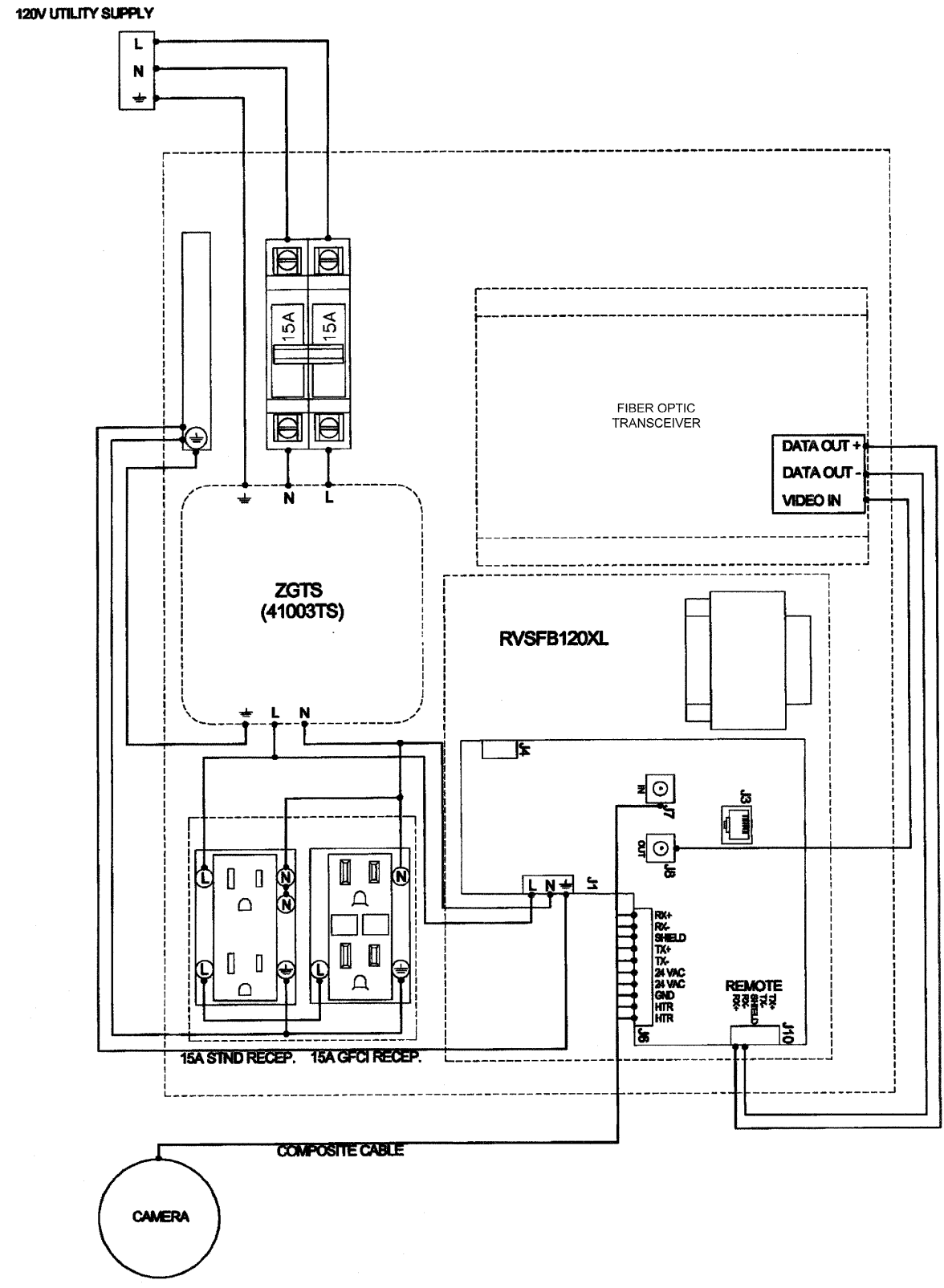
**CCTV CAMERA EXPANSION - FAI 55 (US 6 TO I-294)
CCTV CAMERA EQUIPMENT, WIRELESS DISTRIBUTION**

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI55	2007-062 1		74	68
CONTRACT NO.			60E01	
ILLINOIS FED. AID PROJECT				

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* COOK, DUPAGE, WILL



FILE NAME	USER NAME	DESIGNED	REVISED
		DRAWN	REVISED
		CHECKED	REVISED
		DATE	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

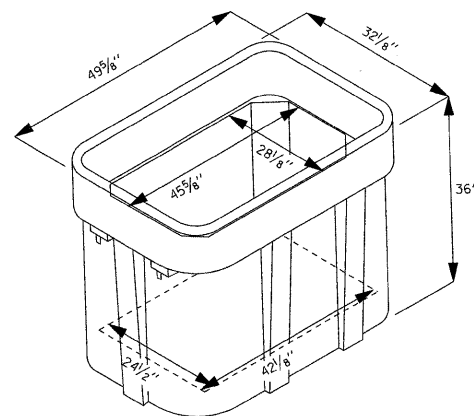
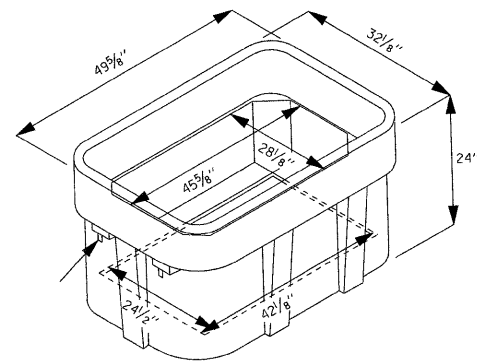
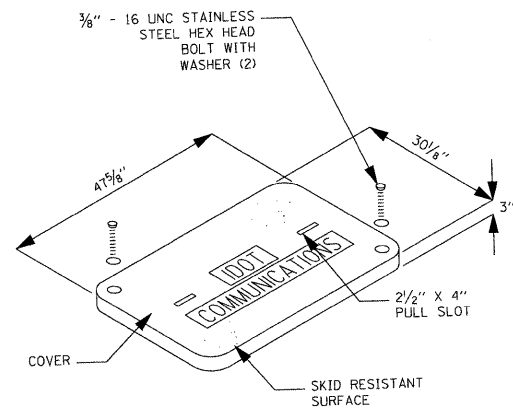
**CCTV CAMERA EXPANSION – FAI 55 (US 6 TO I-294)
CCTV CAMERA EQUIPMENT, FIBER OPTIC DISTRIBUTION**

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

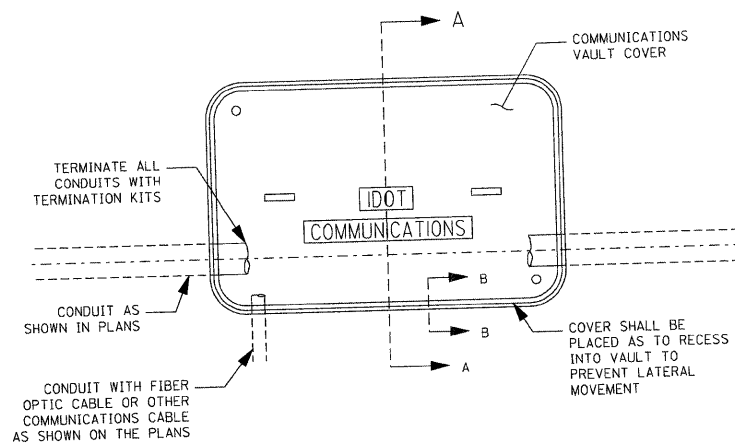
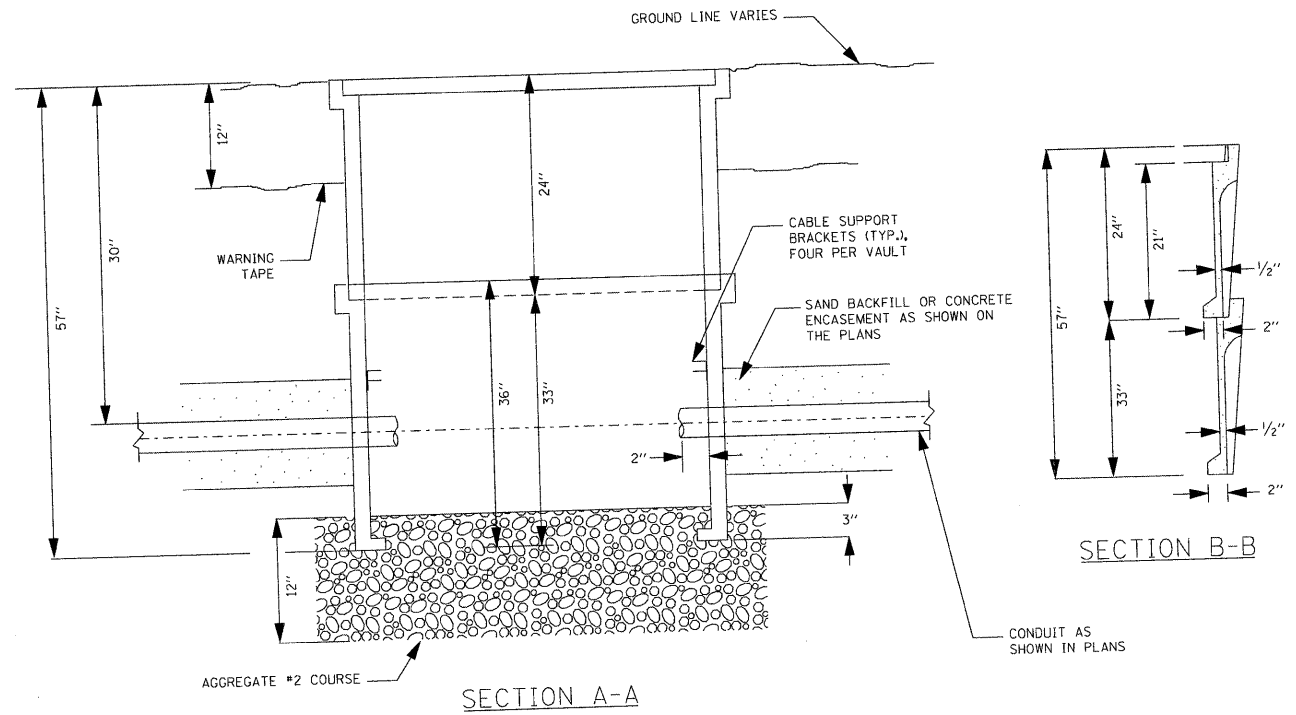
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI55	2007-0621	*	74	69
CONTRACT NO.			60E01	
ILLINOIS FED. AID PROJECT				

E64

* COOK, DUPAGE, WILL



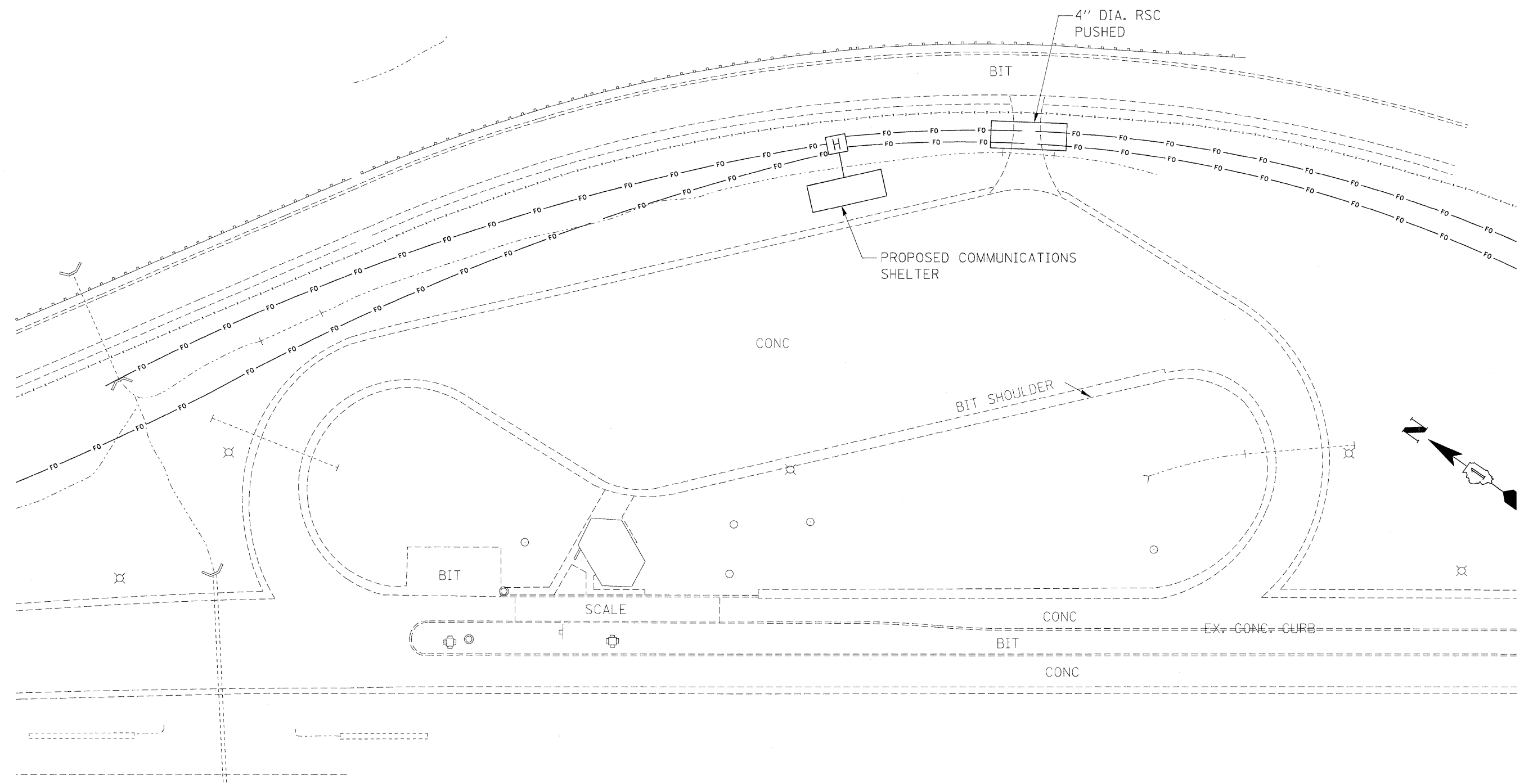
ISOMETRIC



NOTES:

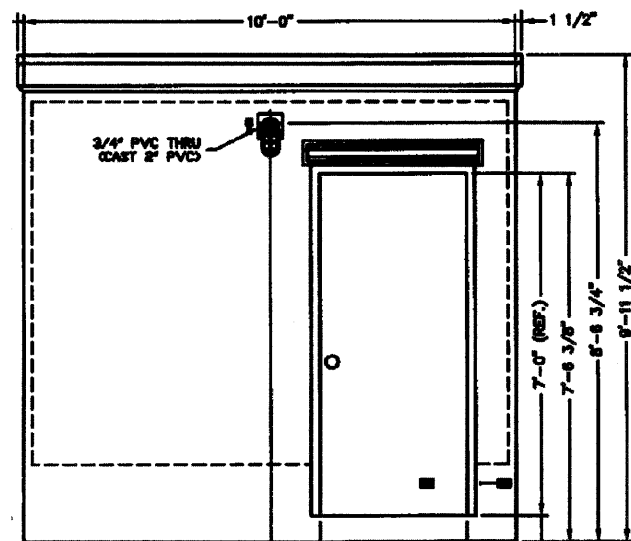
1. BOX SHALL HAVE AN OPEN BASE.
2. COVER SHALL WITHSTAND AASHTO H 20 LOADING AND SHALL LOCK.
3. ALL OPENINGS IN STRUCTURE MUST BE MACHINED AT TIME OF FABRICATION OR PUNCH DRIVEN AT TIME OF PLACEMENT.
4. FIELD PLACEMENT OF COMMUNICATIONS VAULT SHALL BE AS DIRECTED BY THE ENGINEER.

FILE NAME =	USER NAME = tomsonsr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HANDHOLE, COMPOSITE CONCRETE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\p\WIDOT\TOMSONSR\0127928\5908-light.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -					55	2007-0621	*	74	70
PLOT DATE = 3/17/2009	DATE -	CHECKED -	REVISED -					CONTRACT NO. 60E01				
								ILLINOIS FED. AID PROJECT				
				SCALE: SHEET NO. OF SHEETS STA. TO STA.			*WILL, DUPAGE, COOK					

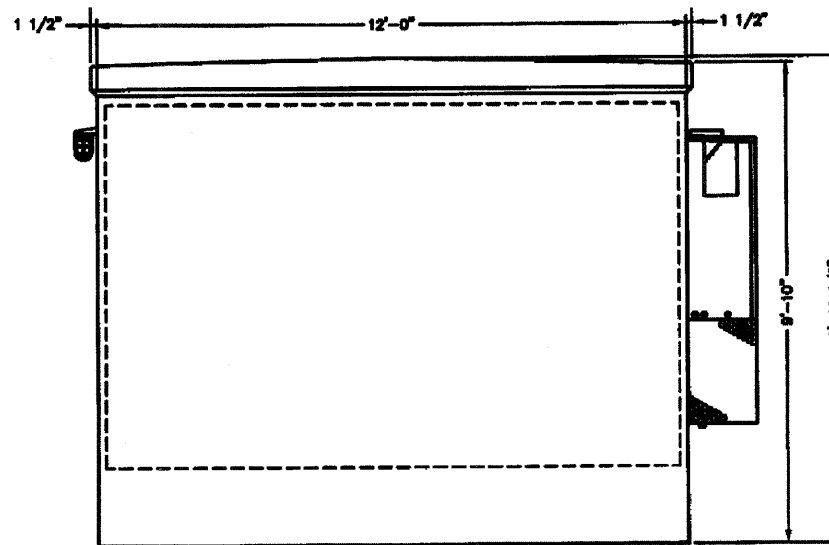


FILE NAME =	USER NAME = tomsonsre	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMUNICATIONS SHELTER, 1 OF 3				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwwork\pwwid01\tomsonsre\0127926\5908-light.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	55	2007-062I	74	71
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	PLOT DATE = 3/19/2009	DATE -	REVISED -									ILLINOIS FED. AID PROJECT	

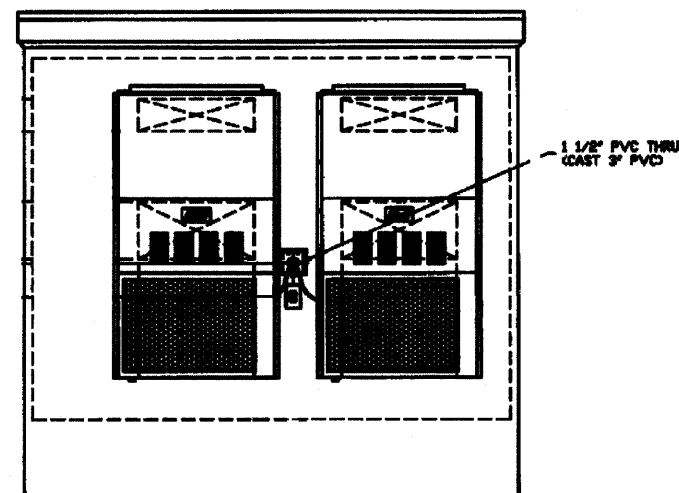
• WILL, DUPAGE, COOK



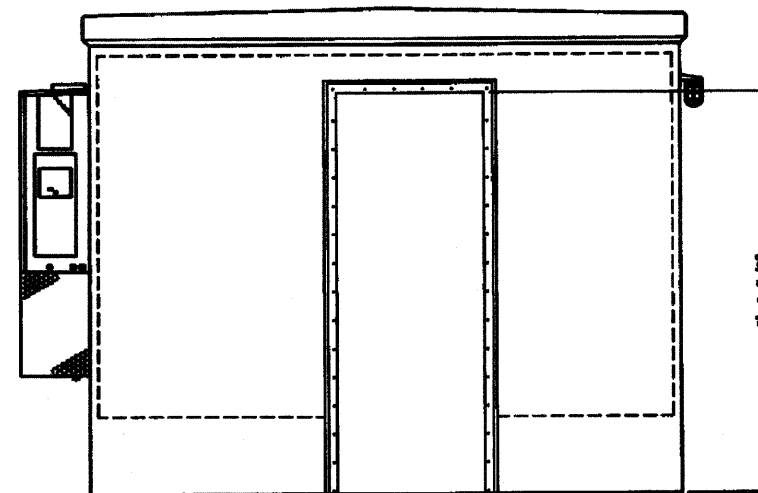
A EXTERIOR ELEVATION



B EXTERIOR ELEVATION



C EXTERIOR ELEVATION



D EXTERIOR ELEVATION

FILE NAME	USER NAME	DESIGNED	REVISED
		DRAWN	REVISED
	PLOT SCALE	CHECKED	REVISED
	PLOT DATE	DATE	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

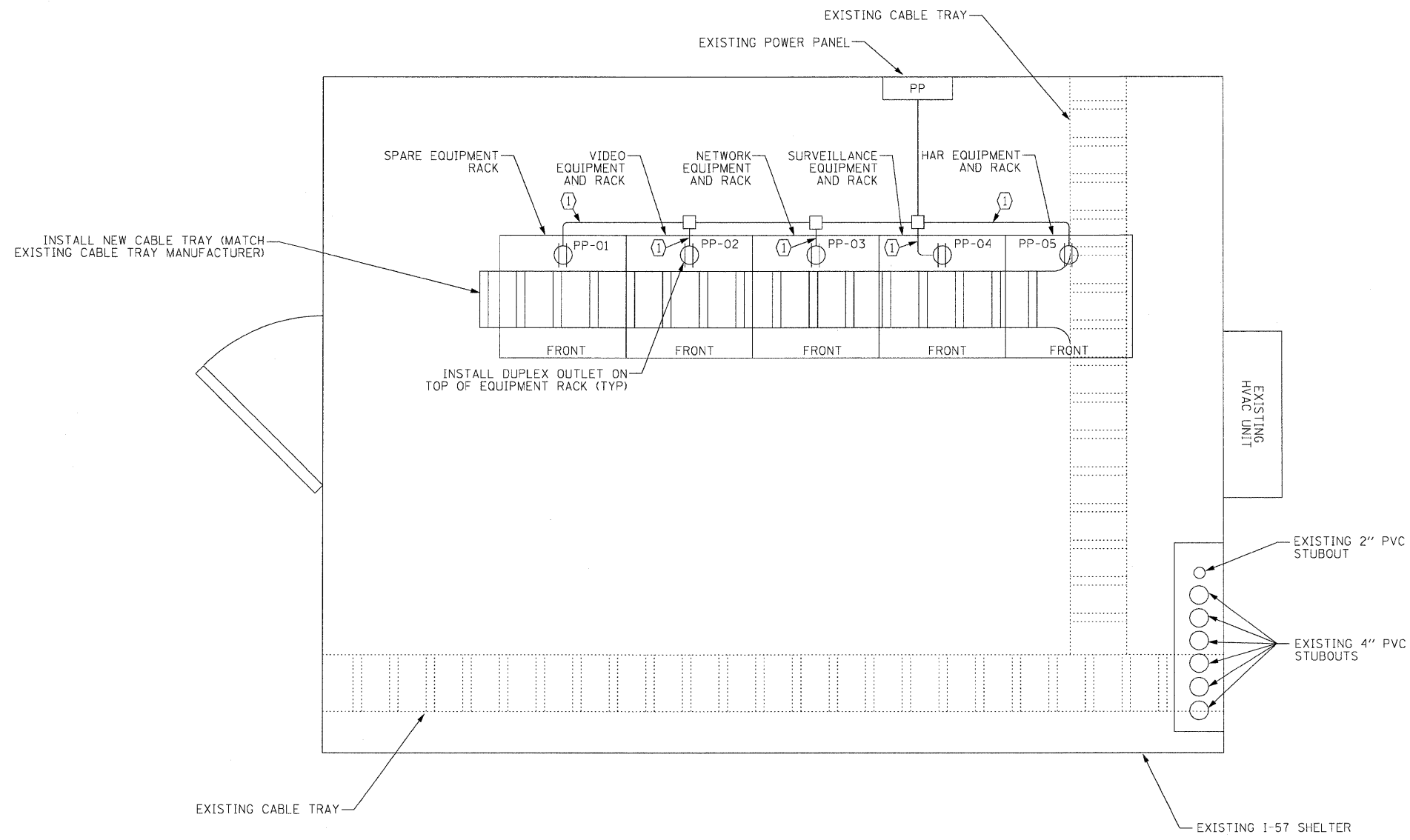
CCTV CAMERA EXPANSION - FAI 55 (US 6 TO I-294)
COMMUNICATIONS SHELTER, ELEVATIONS

SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI55	2007-0621	*	74	72
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60E01	

E67

* COOK, DUPAGE, WILL



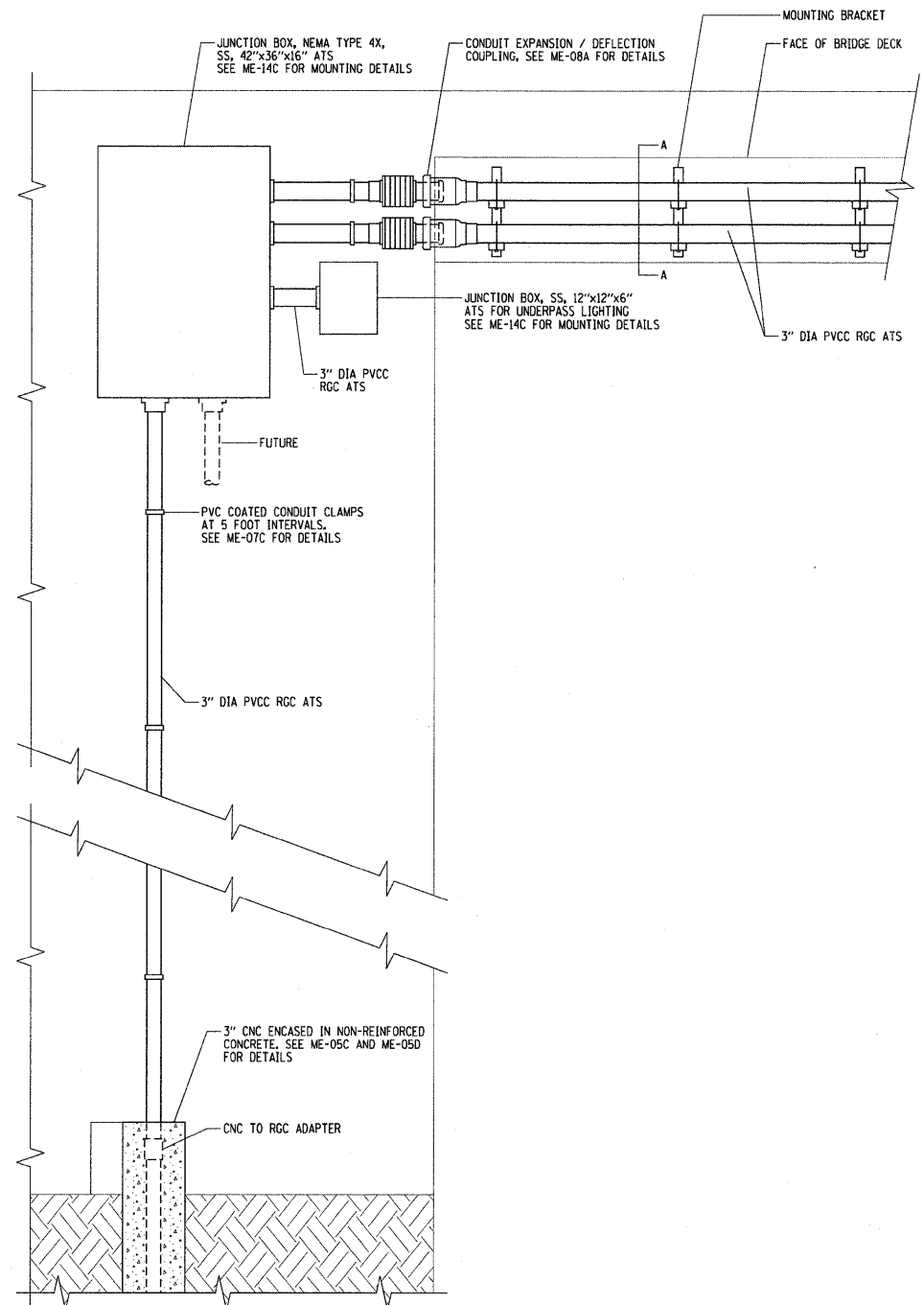
I-57 SHELTER FLOOR PLAN
NOT TO SCALE

NOTES:

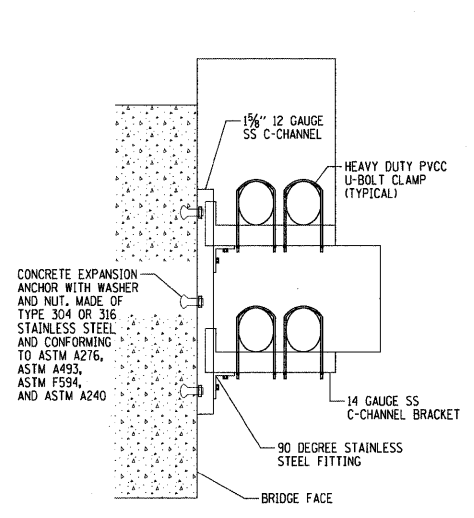
1. EQUIPMENT LAYOUT BASED ON PRELIMINARY SHELTER INSPECTION. CONTRACTOR MAY NEED TO FIELD LOCATE EQUIPMENT RACKS AND EQUIPMENT. COORDINATE WITH THE ENGINEER THE FINAL LOCATION OF ALL EQUIPMENT.
2. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 36" CLEARANCE WHEN INSTALLING NEW RACKS AND EQUIPMENT.

(1) (2) #12, (1) #12 GND, 3/4" EMT CONDUIT

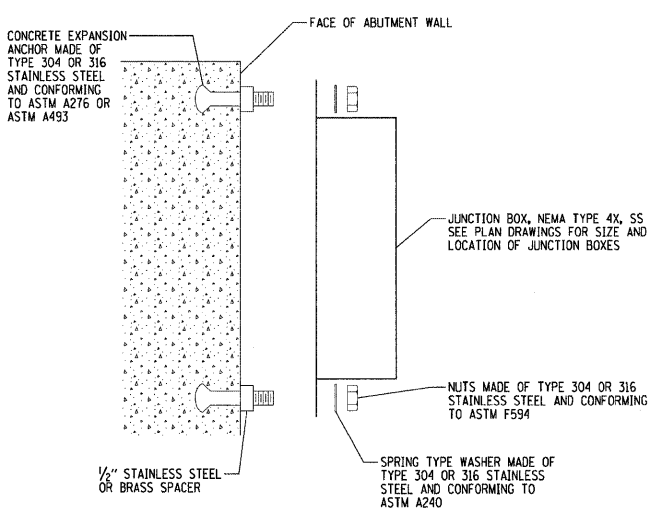
FILE NAME = c:\pwork\pww\DDT\TOMSONSRE\d0127928\15908-11ght.dgn	USER NAME = tomsonsr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMUNICATIONS SHELTER, 2 OF 2			F.A. RTE. 55	SECTION 2007-0621	COUNTY *	TOTAL SHEETS 74	SHEET NO. 73
	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 3/17/2009	CHECKED -	REVISED -		CONTRACT NO. 60E01							
		DATE -	REVISED -		*WILL, DUPAGE, COOK							



ME-14A OVERPASS CONDUIT INSTALLATION DETAIL
 NOT TO SCALE
 DETAIL FOR REFERENCE ONLY, NOT INCLUDED IN THIS CONTRACT



ME-14B MOUNTING BRACKET DETAIL A-A
 NOT TO SCALE
 DETAIL FOR REFERENCE ONLY, NOT INCLUDED IN THIS CONTRACT



ME-14C JUNCTION BOX MOUNTED TO STRUCTURE
 NOT TO SCALE

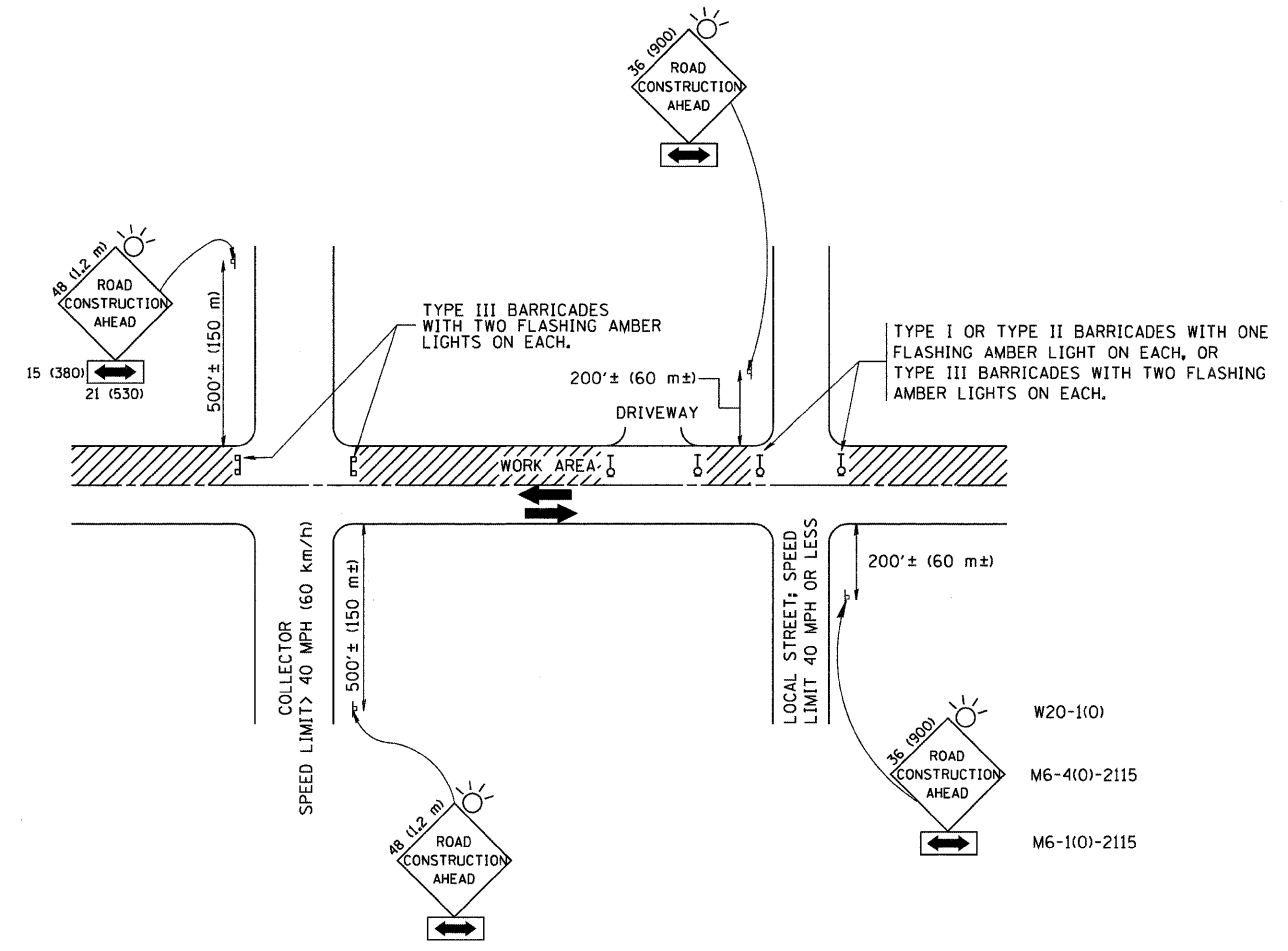
NOTES:
 1. SEE DRAWINGS ME-01 AND ME-02 FOR ELECTRICAL SYMBOLS AND ABBREVIATIONS.

ME-14

63rd STREET OVERPASS
 CONDUIT INSTALLATION DETAILS

NOT TO SCALE C.J.W.
 W.D.S.

FILE NAME =	USER NAME = tomsonsr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONDUIT CROSSING DETAILS			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
es:\pwork\PW001\TOMSONSR\0127928\15908-light.dgn	PLOT SCALE = 50.0000' / IN.	DRAWN -	REVISED -		55	2007-0621		74	74			
PLOT DATE = 3/17/2009	DATE -	CHECKED -	REVISED -		CONTRACT NO. 60E01							
					ILLINOIS FED. AID PROJECT							
										* WILL, DUPAGE, COOK		



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

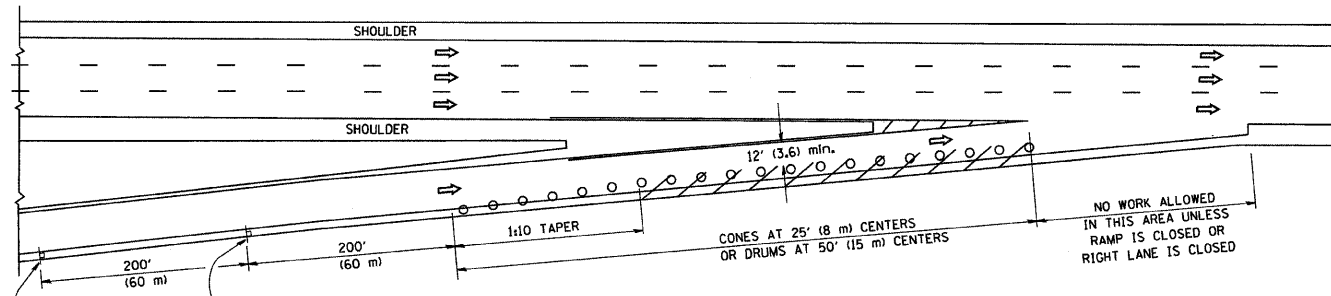
- A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS
 1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
 2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE ROAD CONSTRUCTION AHEAD SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
 - 3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.
 - C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.
 - D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

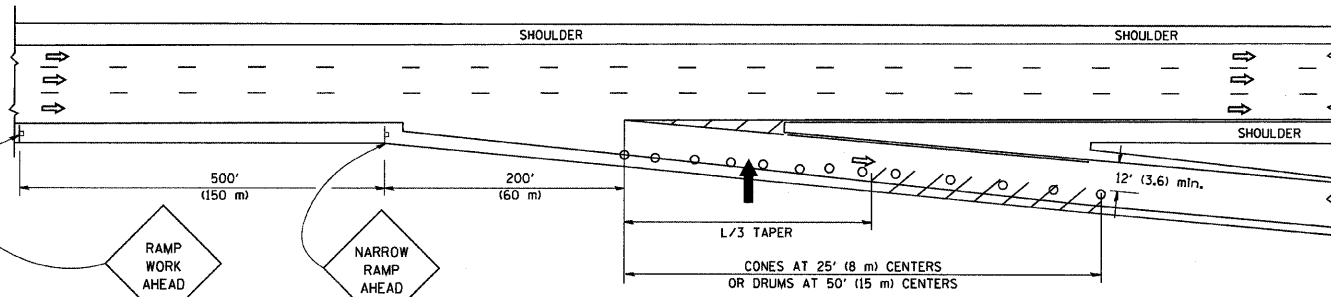
All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\diststd\22x34\col8.dgn	USER NAME = gegl1anobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS		F.A. RTE. = 55	SECTION = 2007-062E	COUNTY =	TOTAL SHEETS = 74	SHEET NO. = 74A
	PLOT SCALE = 50.000 / / IN.	CHECKED -	REVISED - A. HOUSEH 03-06-96		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	TC-10		CONTRACT NO.	
	PLOT DATE = 1/4/2008	DATE - 06-89	REVISED - T. RAMMACHER 01-06-00		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						

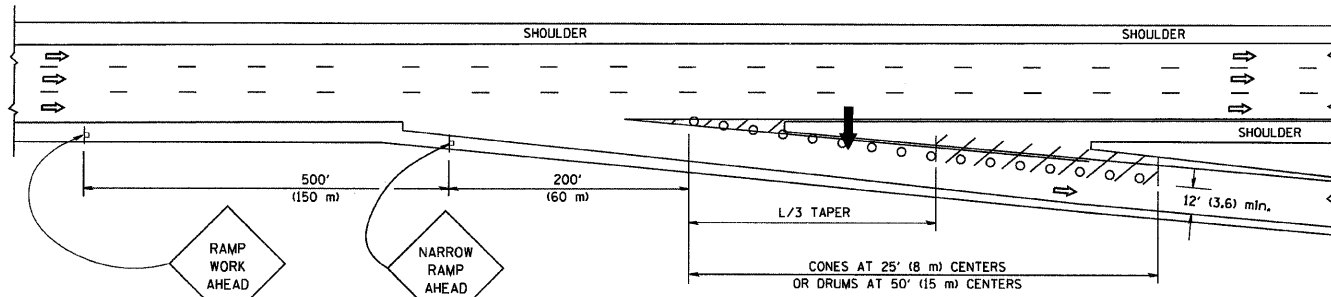
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

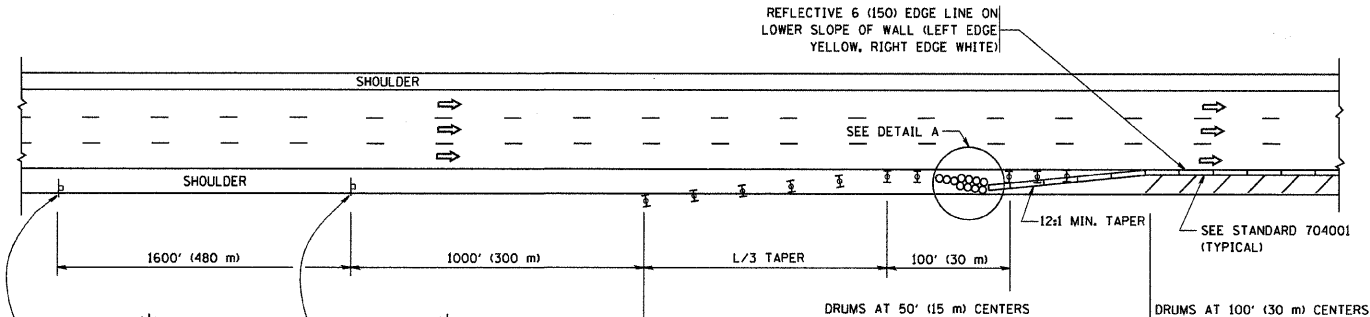
SYMBOLS

- ARROWBOARD
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

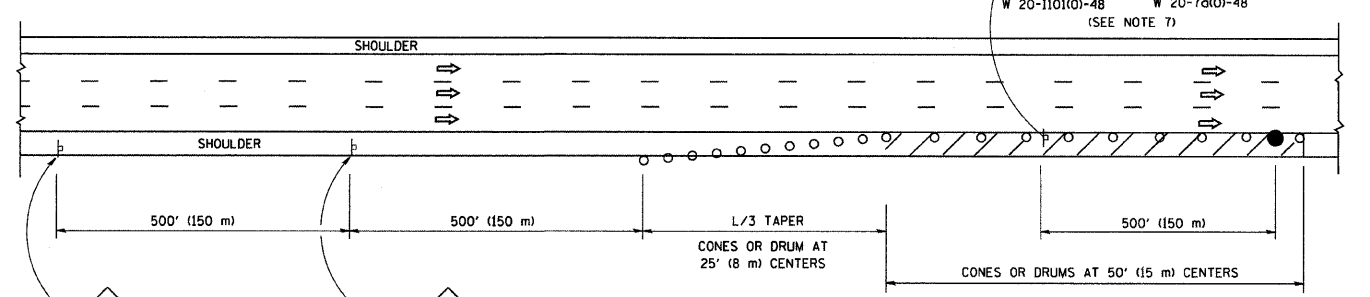
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:
SPEED LIMIT FORMULAS
45 mph (80 km/h) METRIC ENGLISH
OR GREATER: $L=0.65(WKS)$ $L=(WKS)$
W = WIDTH OF OFFSET IN FEET (METERS)
S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE

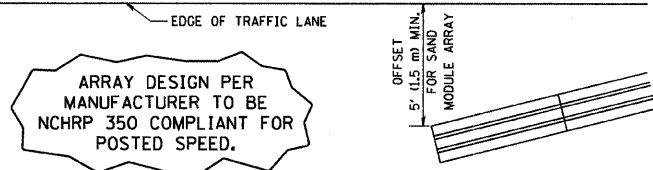


DAYTIME SHOULDER CLOSURE

REFLECTIVE 6 (150) EDGE LINE ON LOWER SLOPE OF WALL (LEFT EDGE YELLOW, RIGHT EDGE WHITE)

OR WHEN SPECIFIED INSTALL TEMPORARY CONCRETE BARRIER WALL WITH BARRIER WALL REFLECTORS PER TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)

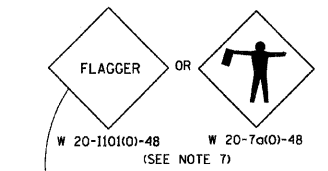
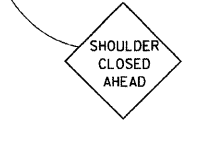
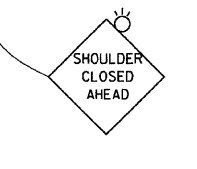
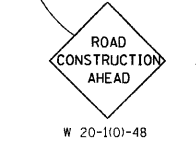
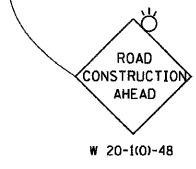
THIS DETAIL IS USED WHERE:
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350 COMPLIANT FOR POSTED SPEED.

DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

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



FILE NAME = M:\diststd\22x34\c017.dgn

USER NAME = gegienobt	DESIGNED -	REVISED - J.A.F. 12-02
PLOT SCALE = 50.0000 / IN.	DRAWN - D.W.S.	REVISED - 04-03
PLOT DATE = 1/4/2008	CHECKED -	REVISED - J.A.F. 12-06
	DATE - 11-96	REVISED - S.P.B. 01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY
SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE. 35	SECTION 2007-062I	COUNTY	TOTAL SHEETS 74	SHEET NO. 74B
TC-17		CONTRACT NO.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				