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Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

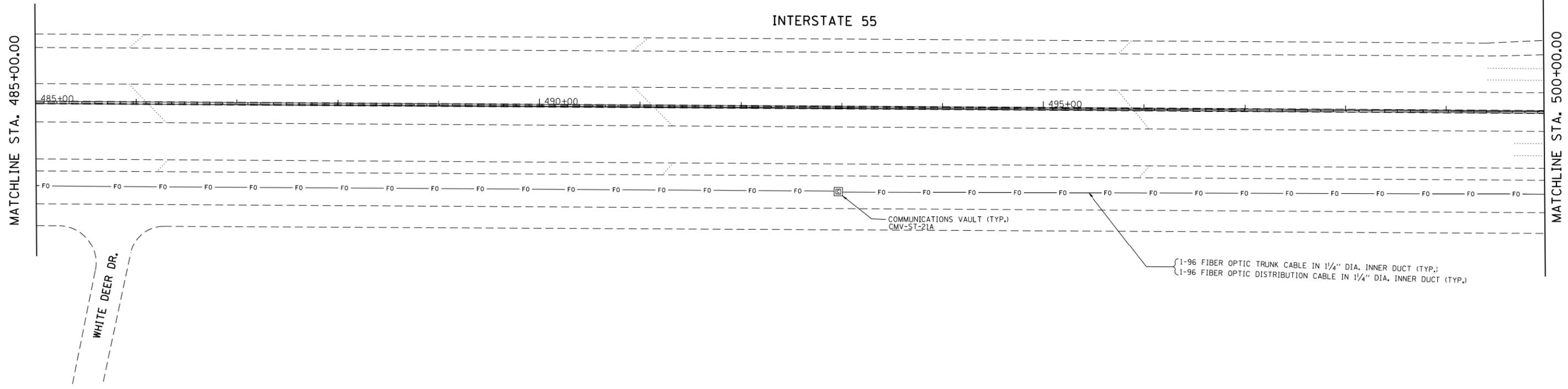
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ITS PLAN
I-55 (CABINET #68)**

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	201
CONTRACT NO. 60Y65			ILLINOIS FED. AID PROJECT	

ITS-33



MATCHLINE STA. 485+00.00

MATCHLINE STA. 500+00.00

INTERSTATE 55

485+00

490+00

495+00

WHITE DEER DR.

COMMUNICATIONS VAULT (TYP.)
CMV-ST-21A

1-96 FIBER OPTIC TRUNK CABLE IN 1/4" DIA. INNER DUCT (TYP.)
1-96 FIBER OPTIC DISTRIBUTION CABLE IN 1/4" DIA. INNER DUCT (TYP.)

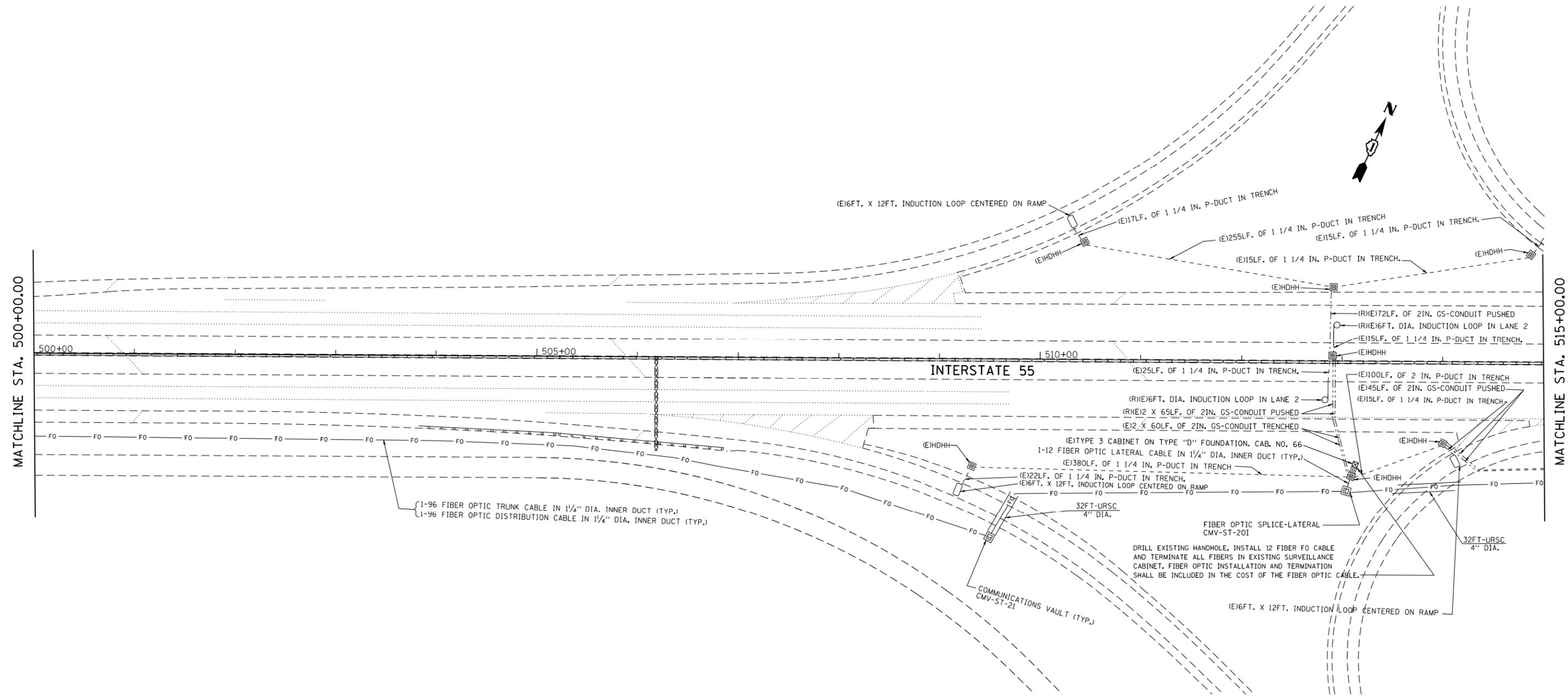
ITS-34

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Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ITS PLAN I-55 (WHITE DEER DR.)			
SCALE: 1" = 50'	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	202
				CONTRACT NO. 60Y65
ILLINOIS FED. AID PROJECT				



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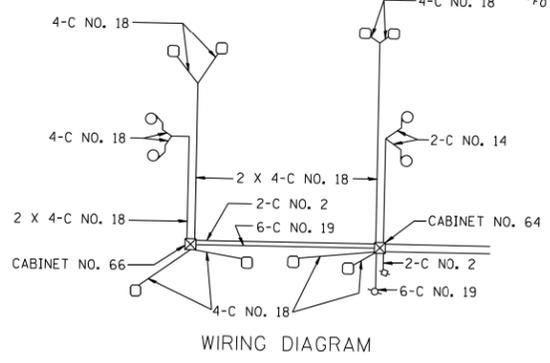
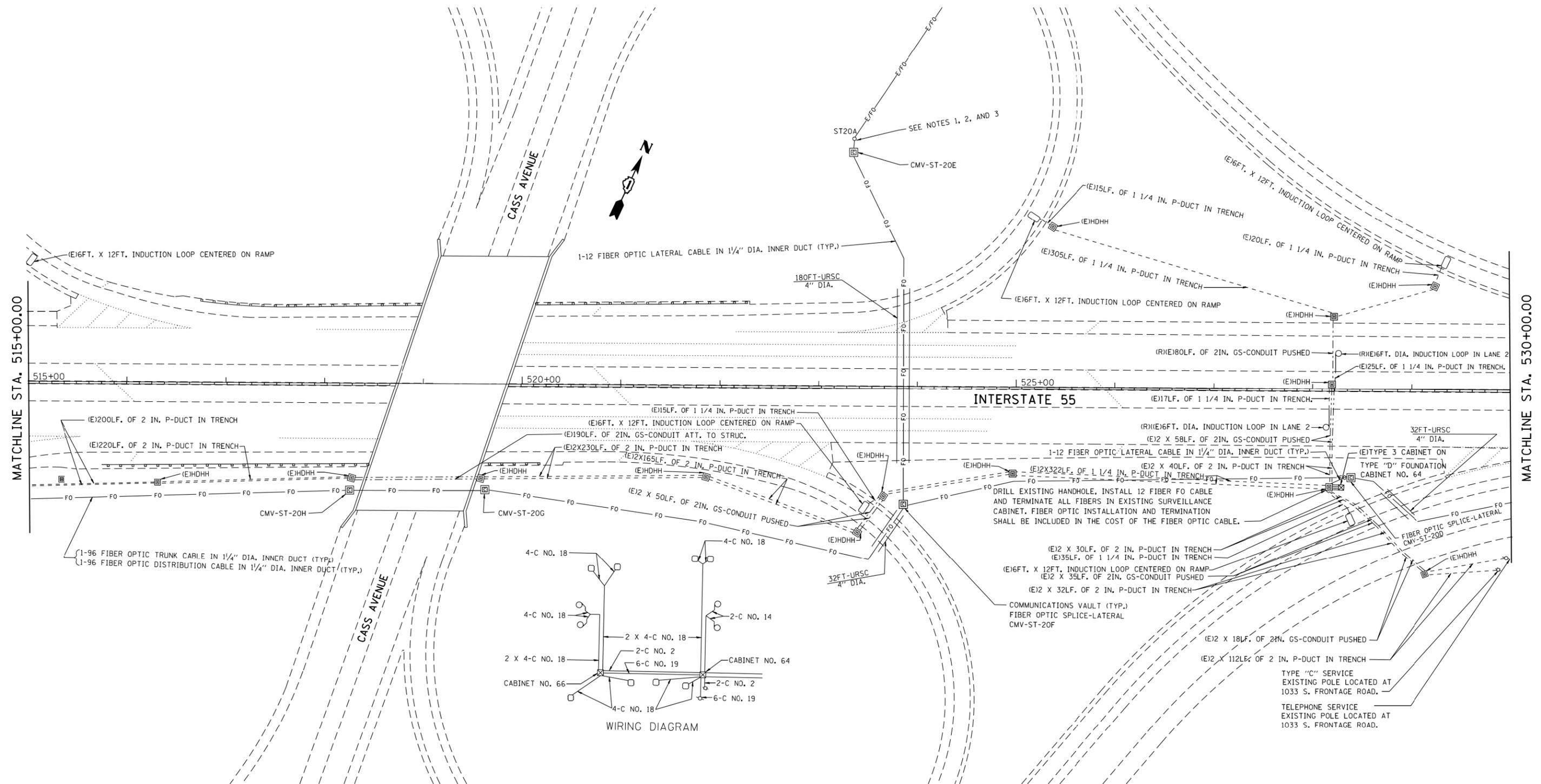
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ITS PLAN
I-55 (SOUTH OF CASS AVE.) (CAB. #66)**

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55		2014-079 RS, BR&T	WILL/DP/COOK	265	203
				CONTRACT NO. 60Y65	
ILLINOIS FED. AID PROJECT					

ITS-35



NOTES:

- 1) REPLACE EXISTING CCTV CAMERA LOWERING DEVICE.
- 2) REPLACE EXISTING CCTV CAMERA WITH HD CCTV CAMERA.
- 3) CONVERT EXISTING WIRELESS CCTV INSTALLATION TO FIBER OPTIC.

FILE NAME =	USER NAME = parayno1	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / 1\"/>		

CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ITS PLAN			
I-55 (CASS AVE.) (CAB. #64)			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

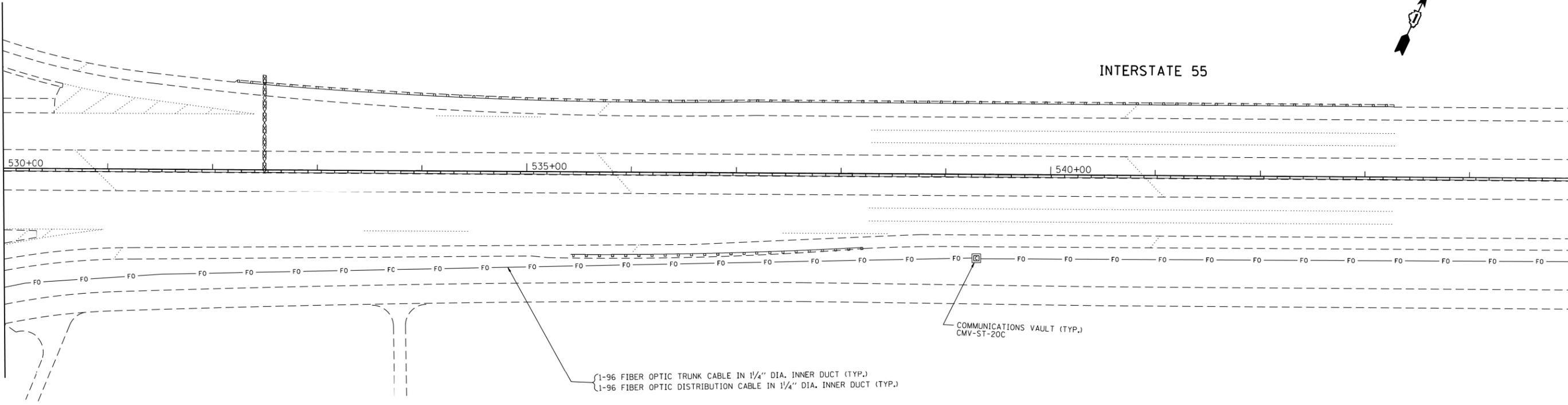
F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	204
			CONTRACT NO. 60Y65	
ILLINOIS FED. AID PROJECT				



INTERSTATE 55

MATCHLINE STA. 530+00.00

MATCHLINE STA. 545+00.00



ITS-37

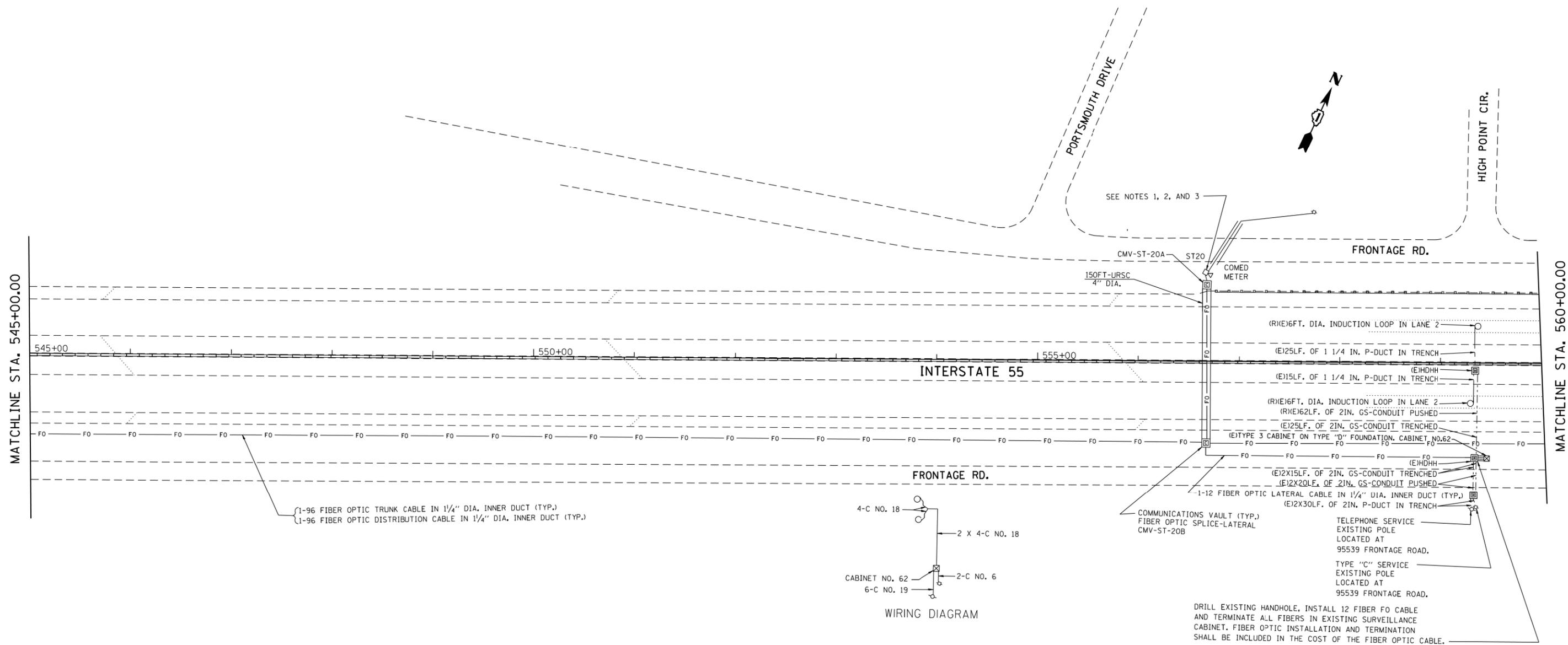
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Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ITS PLAN
I-55 (NORTH OF CASS AVE.)**

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	205
CONTRACT NO. 60Y65			ILLINOIS FED. AID PROJECT	



NOTES:

- 1) REPLACE EXISTING CCTV CAMERA LOWERING DEVICE.
- 2) REPLACE EXISTING CCTV CAMERA WITH HD CCTV CAMERA.
- 3) CONVERT EXISTING WIRELESS CCTV INSTALLATION TO FIBER OPTIC.

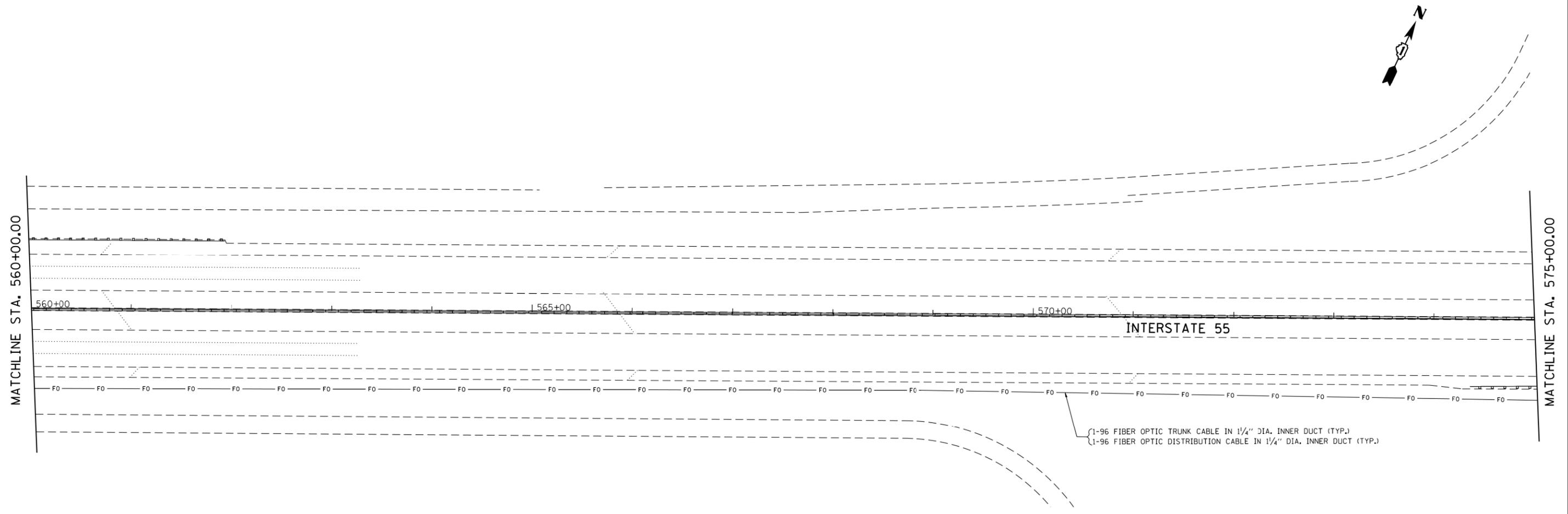
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ITS PLAN			
I-55 (PORTSMOUTH DR.) (CAB. #62)			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	206
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y65	

ITS-38



FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

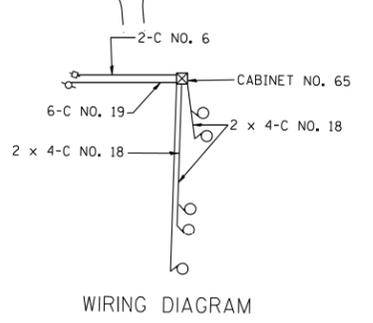
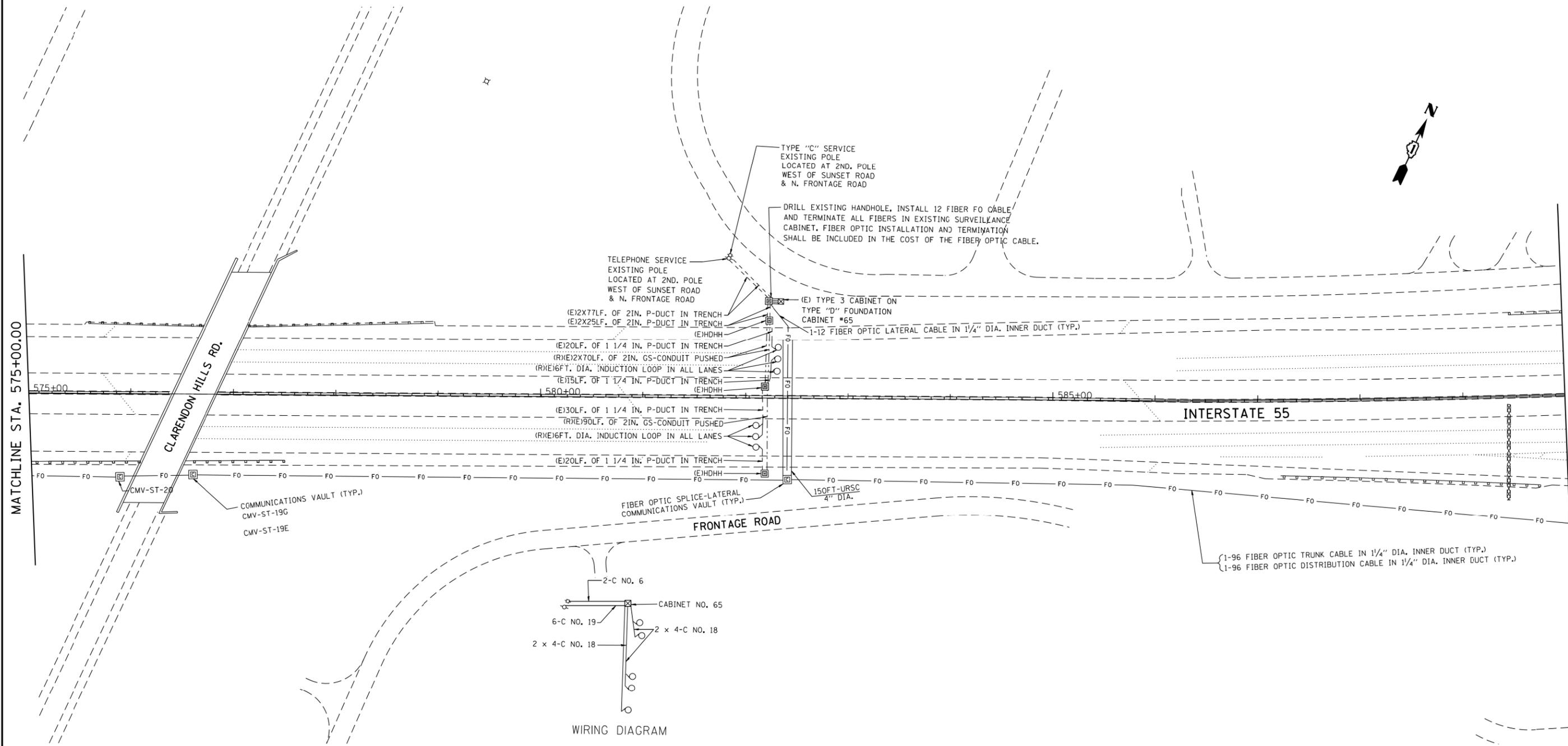
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ITS PLAN
I-55 (SOUTH OF CLAREDON HILLS RD.)**

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	207
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y65	

ITS-39



MATCHLINE STA. 575+00.00

MATCHLINE STA. 590+00.00



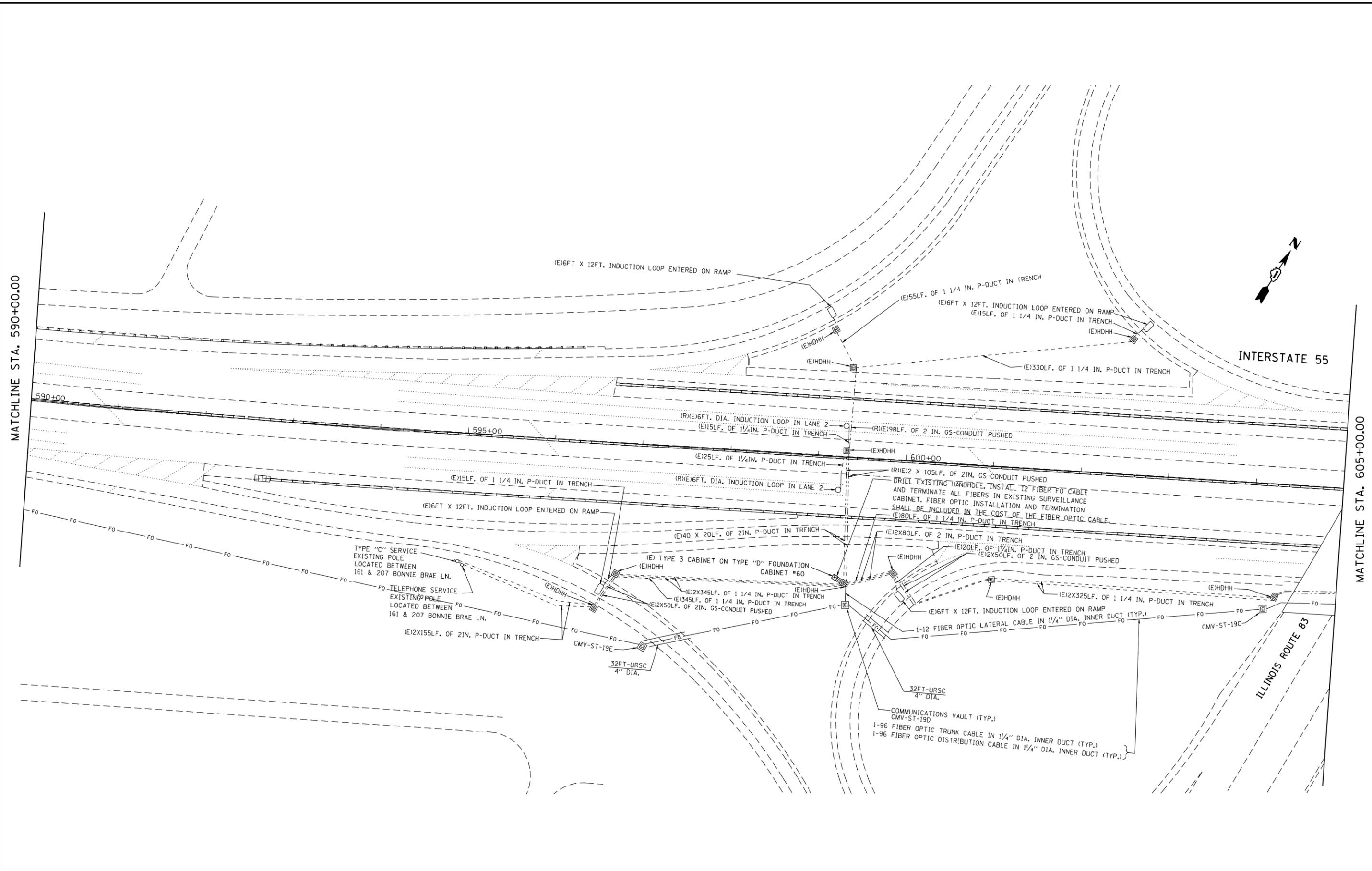
ITS-40

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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ITS PLAN			
I-55 (CLARENDON HILLS RD.) (CAB. #65)			
SCALE: 1" = 50'	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	208
CONTRACT NO. 60Y65				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA. 590+00.00

MATCHLINE STA. 605+00.00

INTERSTATE 55

ILLINOIS ROUTE 83

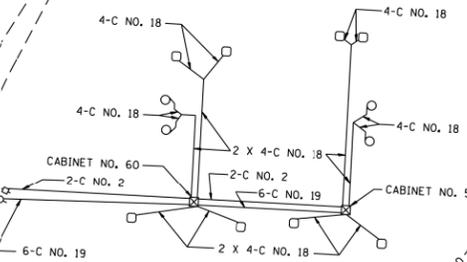
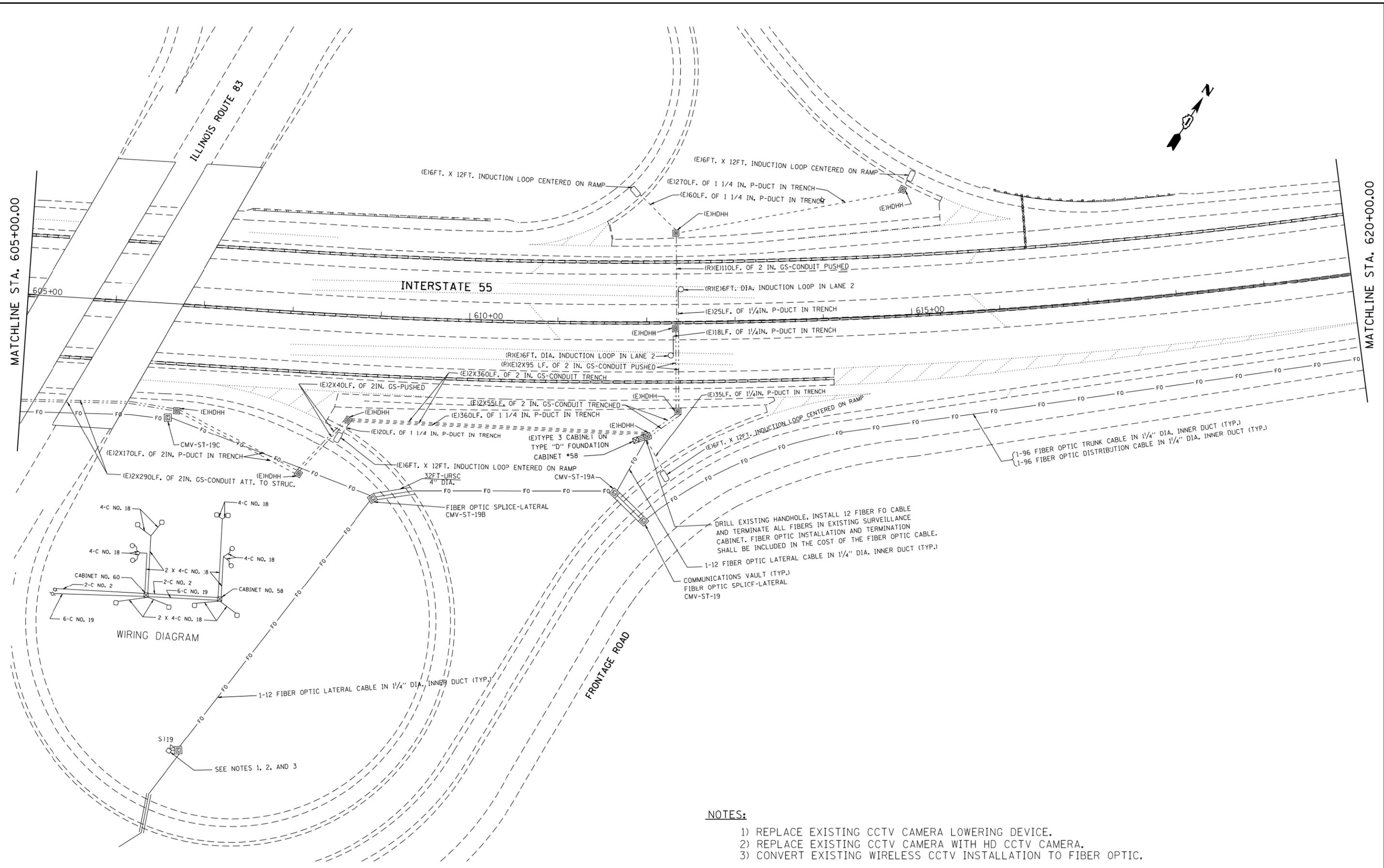
ITS-41

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	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ITS PLAN			
I-55 (SOUTH OF ILLINOIS ROUTE 83) (CAB. #60)			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	209
CONTRACT NO. 60Y65				
ILLINOIS FED. AID PROJECT				



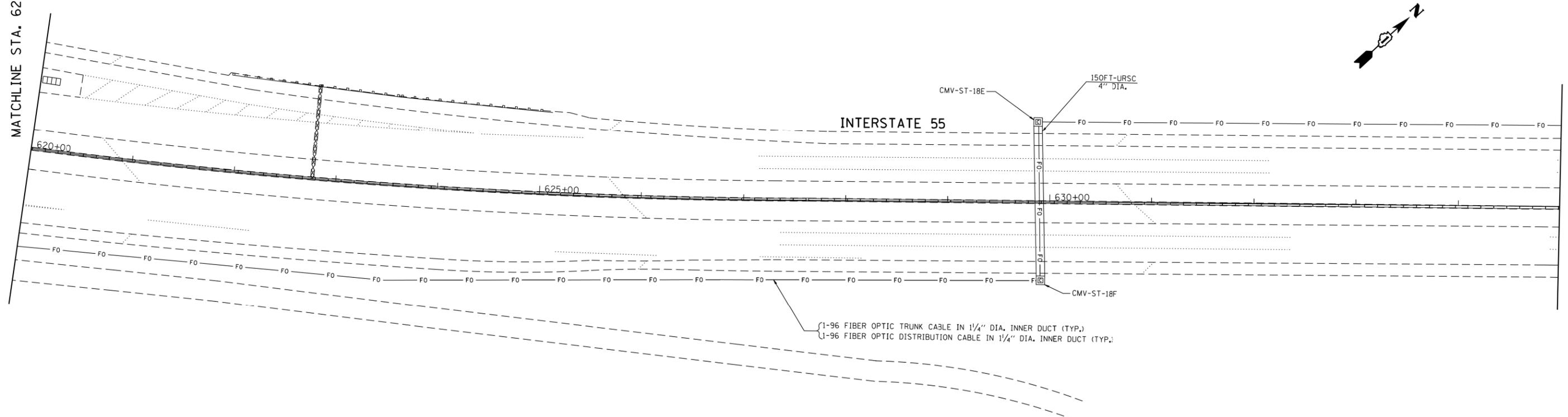
WIRING DIAGRAM

NOTES:

- 1) REPLACE EXISTING CCTV CAMERA LOWERING DEVICE.
- 2) REPLACE EXISTING CCTV CAMERA WITH HD CCTV CAMERA.
- 3) CONVERT EXISTING WIRELESS CCTV INSTALLATION TO FIBER OPTIC.

FILE NAME =	USER NAME = parayno1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ITS PLAN I-55 (NORTH OF ILLINOIS ROUTE 83) (CAB. #58)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI484\Design\DI48414-sht-cover.dgn						55	2014-079 RS, BR&T	WILL/DP/COOK	265	210
PLOT SCALE = 100.0000' / 1\"/>										

MATCHLINE STA. 620+00.00



MATCHLINE STA. 635+00.00

INTERSTATE 55

1-96 FIBER OPTIC TRUNK CABLE IN 1/4" DIA. INNER DUCT (TYP.)
 1-96 FIBER OPTIC DISTRIBUTION CABLE IN 1/4" DIA. INNER DUCT (TYP.)

ITS-43

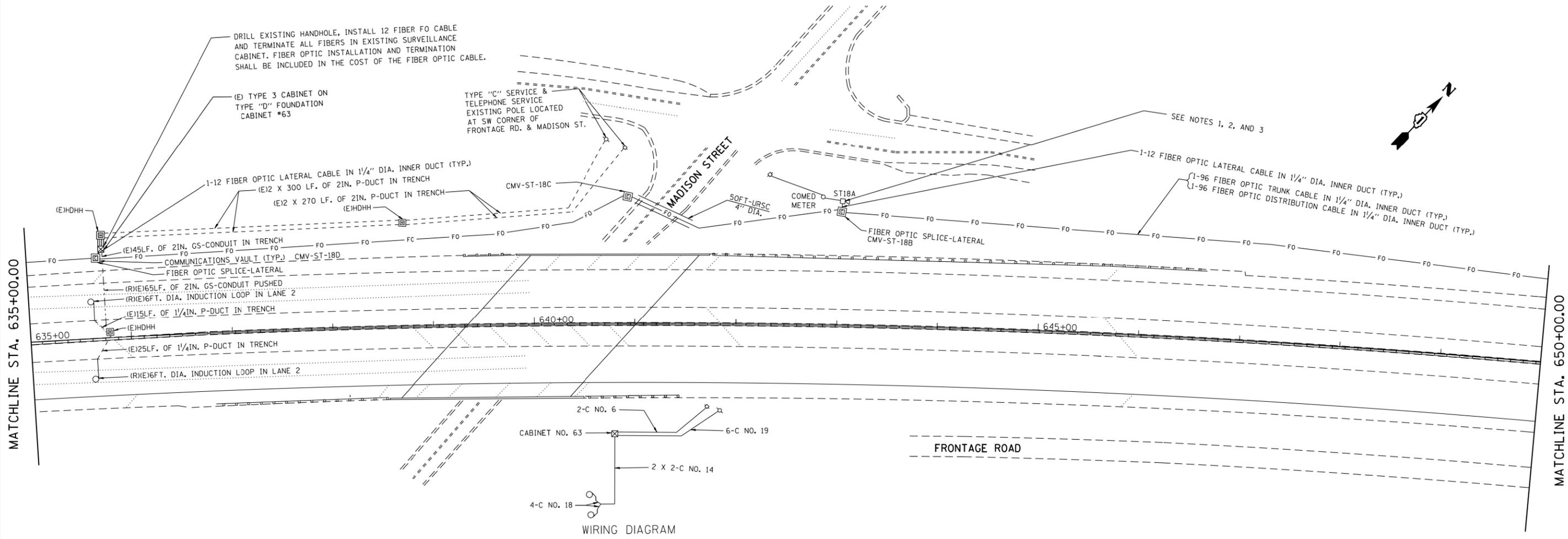
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Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ITS PLAN
 I-55 (SOUTH OF MADISON STREET)**

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	211
CONTRACT NO. 60Y65			ILLINOIS FED. AID PROJECT	



NOTES:

- 1) REPLACE EXISTING CCTV CAMERA LOWERING DEVICE.
- 2) REPLACE EXISTING CCTV CAMERA WITH HD CCTV CAMERA.
- 3) CONVERT EXISTING WIRELESS CCTV INSTALLATION TO FIBER OPTIC.

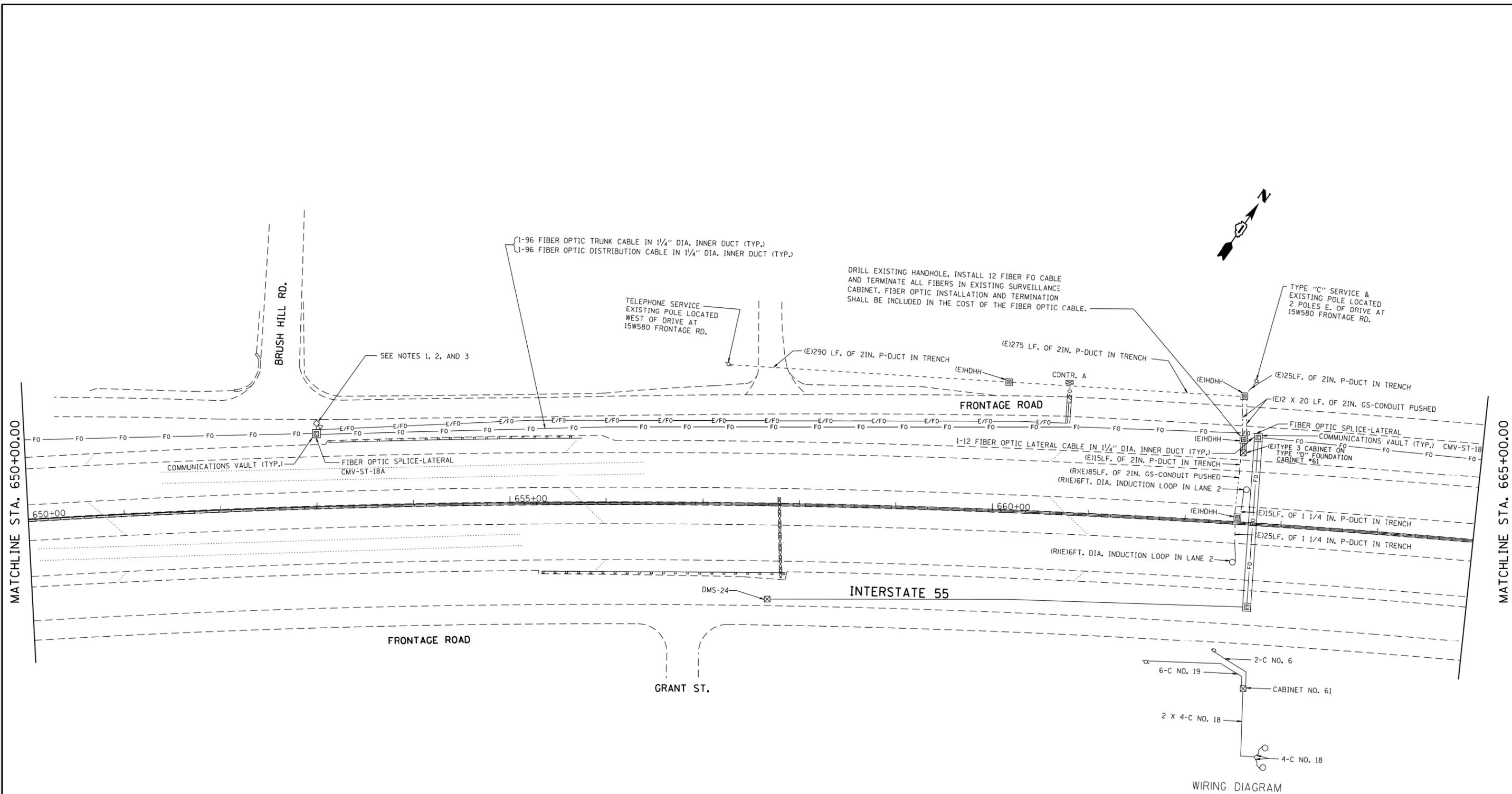
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ITS PLAN			
I-55 (MADISON STREET) (CAB. #63)			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	212
CONTRACT NO. 60Y65				
ILLINOIS FED. AID PROJECT				

ITS-44

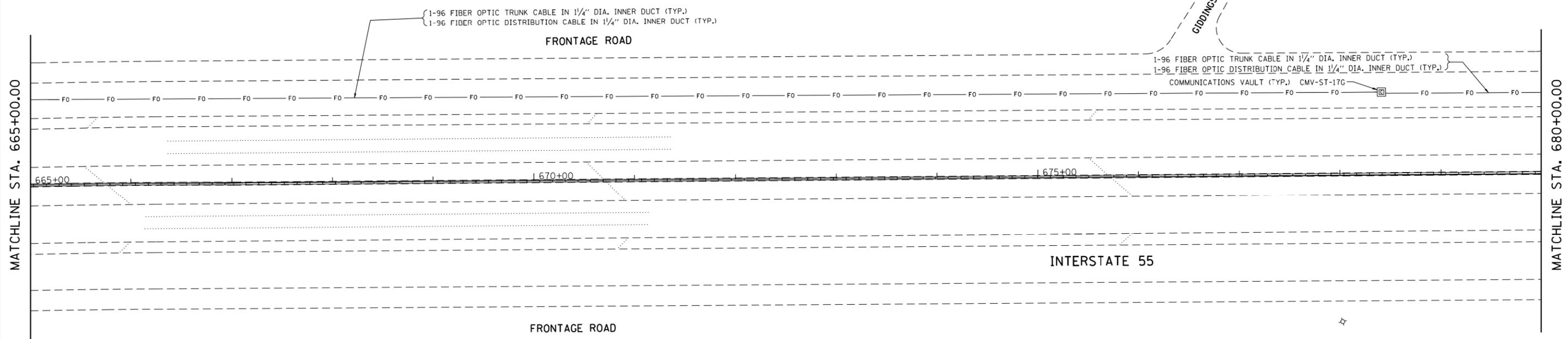


NOTES:

- 1) REPLACE EXISTING CCTV CAMERA LOWERING DEVICE.
- 2) REPLACE EXISTING CCTV CAMERA WITH HD CCTV CAMERA.
- 3) CONVERT EXISTING WIRELESS CCTV INSTALLATION TO FIBER OPTIC.

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ITS PLAN I-55 (NORTH OF BRUSH HILL RD.) (CAB. #61)	F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 5/20/2016	DATE -	REVISED -			SCALE: 1" = 50'	SHEET OF SHEETS	STA. TO STA.			

ITS-45



ITS-46

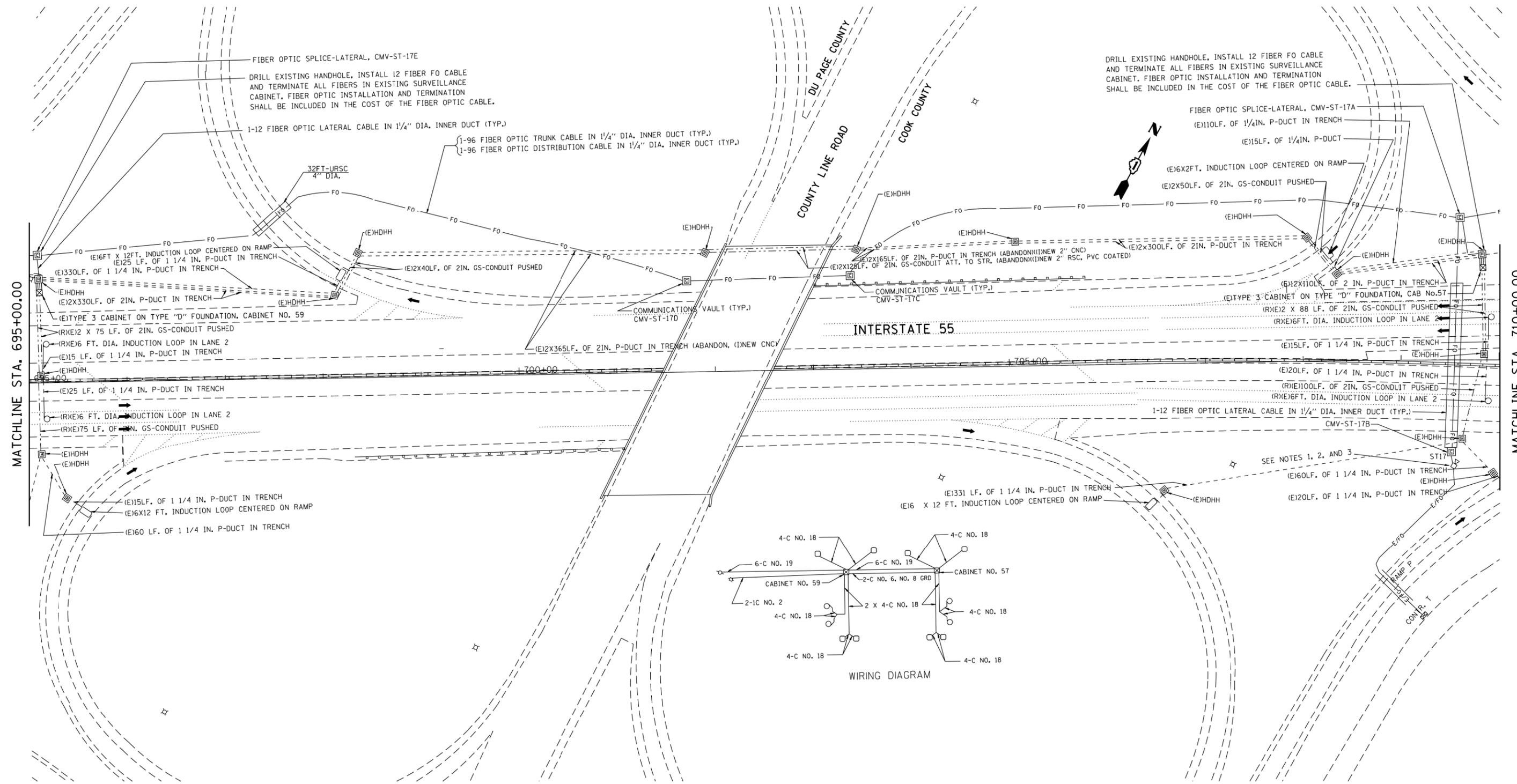
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Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ITS PLAN
I-55 (GIDDINGS AVE.)**

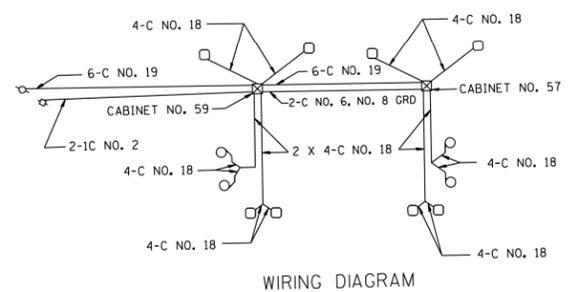
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	214
			CONTRACT NO. 60Y65	
ILLINOIS FED. AID PROJECT				



DRILL EXISTING HANDHOLE, INSTALL 12 FIBER FO CABLE AND TERMINATE ALL FIBERS IN EXISTING SURVEILLANCE CABINET. FIBER OPTIC INSTALLATION AND TERMINATION SHALL BE INCLUDED IN THE COST OF THE FIBER OPTIC CABLE.

FIBER OPTIC SPLICE-LATERAL, CMV-ST-17A
 (E)110LF. OF 1/4IN. P-DUCT IN TRENCH
 (E)15LF. OF 1/4IN. P-DUCT
 (E)16X2FT. INDUCTION LOOP CENTERED ON RAMP
 (E)2X50LF. OF 2IN. GS-CONDUIT PUSHED
 (E)12X300LF. OF 2IN. P-DUCT IN TRENCH
 (E)12X110LF. OF 2 IN. P-DUCT IN TRENCH
 (E)TYPE 3 CABINET ON TYPE "D" FOUNDATION, CAB No.57
 (R)E12 X 88 LF. OF 2IN. GS-CONDUIT PUSHED
 (R)E16FT. DIA. INDUCTION LOOP IN LANE 2
 (E)15LF. OF 1 1/4 IN. P-DUCT IN TRENCH
 (E)20LF. OF 1 1/4 IN. P-DUCT IN TRENCH
 (R)E100LF. OF 2IN. GS-CONDUIT PUSHED
 (R)E16FT. DIA. INDUCTION LOOP IN LANE 2
 1-12 FIBER OPTIC LATERAL CABLE IN 1/4" DIA. INNER DUCT (TYP.)
 CMV-ST-17B
 (E)15LF. OF 1 1/4 IN. P-DUCT IN TRENCH
 (E)20LF. OF 1 1/4 IN. P-DUCT IN TRENCH

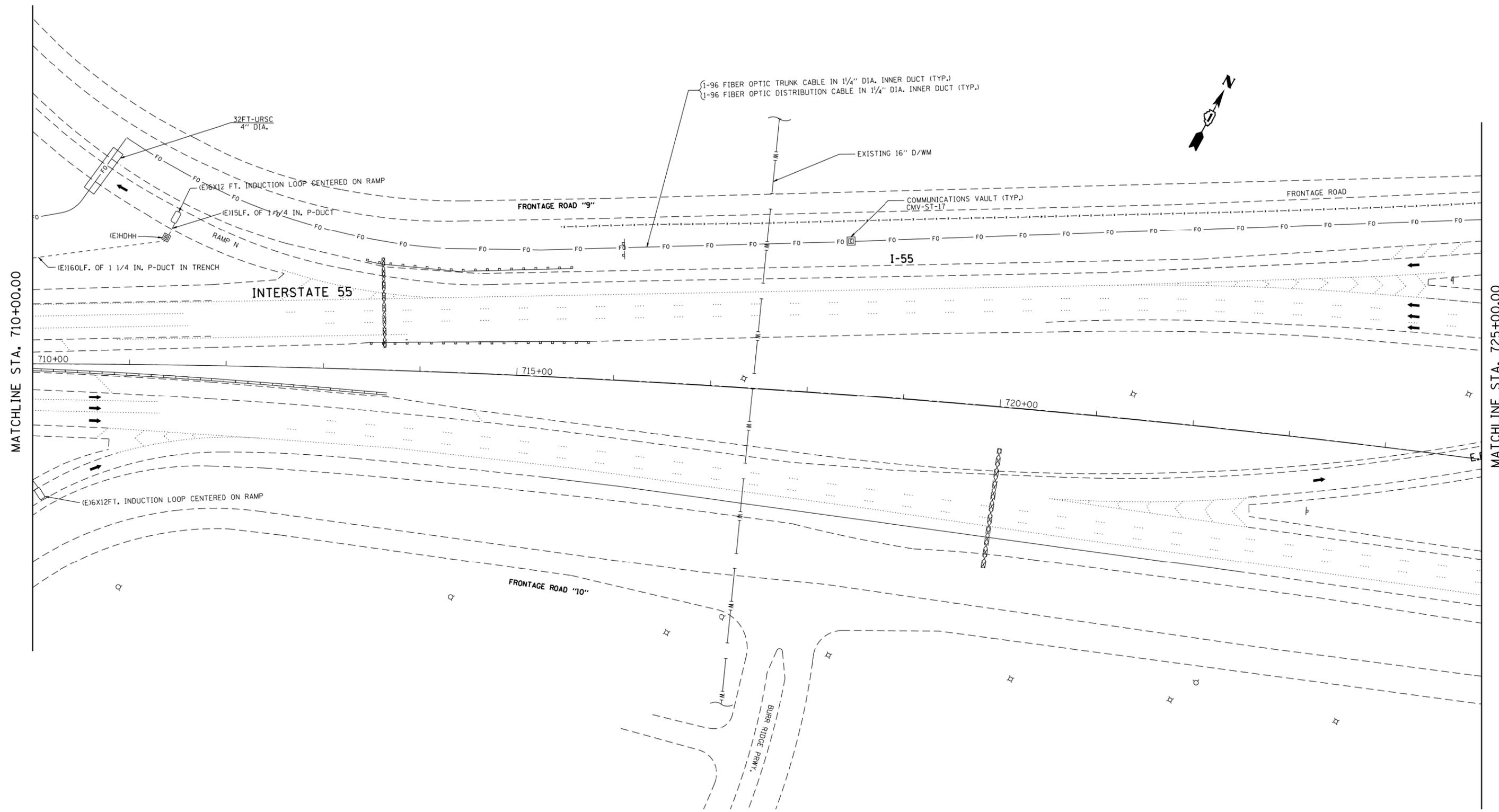


WIRING DIAGRAM

NOTES:

- 1) REPLACE EXISTING CCTV CAMERA LOWERING DEVICE.
- 2) REPLACE EXISTING CCTV CAMERA WITH HD CCTV CAMERA.
- 3) CONVERT EXISTING WIRELESS CCTV INSTALLATION TO FIBER OPTIC.

FILE NAME =	USER NAME = parayno1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ITS PLAN			F.A.I. RE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11084EBID\INTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\0144814\Design\0144814-sht-cover.dgn					REVISED -	I-55 (COUNTY LINE RD.) (CAB. #57)			55	2014-079 RS, BR&T	WILL/DP/COOK	265	216
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE: 1" = 50'	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 60Y65	
	PLOT DATE = 5/20/2016	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



MATCHLINE STA. 710+00.00

MATCHLINE STA. 725+00.00

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ITS PLAN
I-55 (NORTH OF COUNTY LINE RD.)**

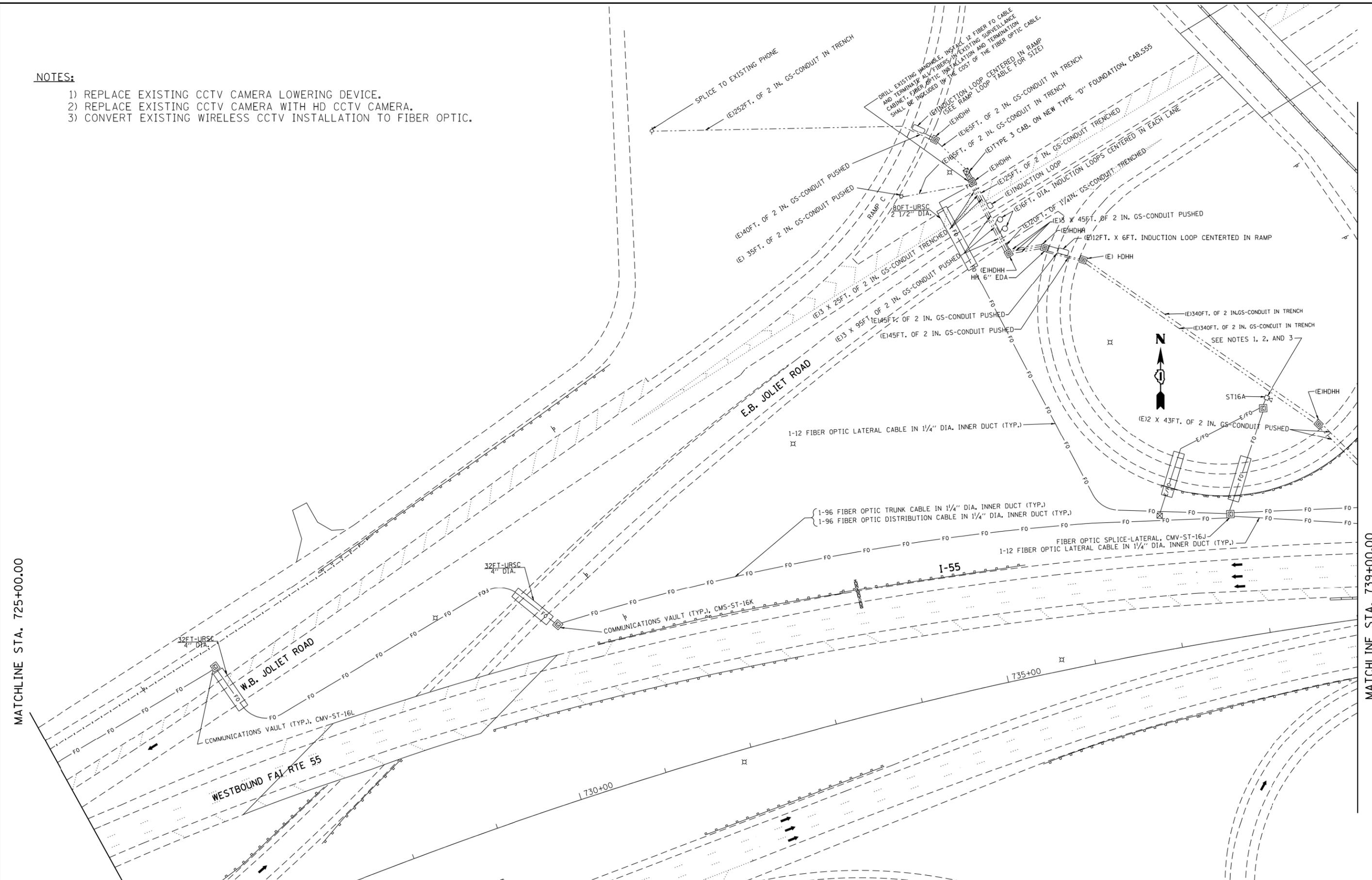
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	217
CONTRACT NO. 60Y65				
ILLINOIS FED. AID PROJECT				

ITS-49

NOTES:

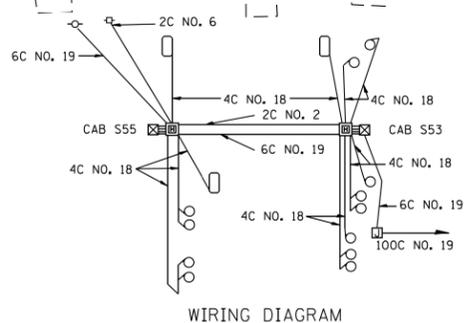
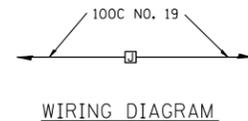
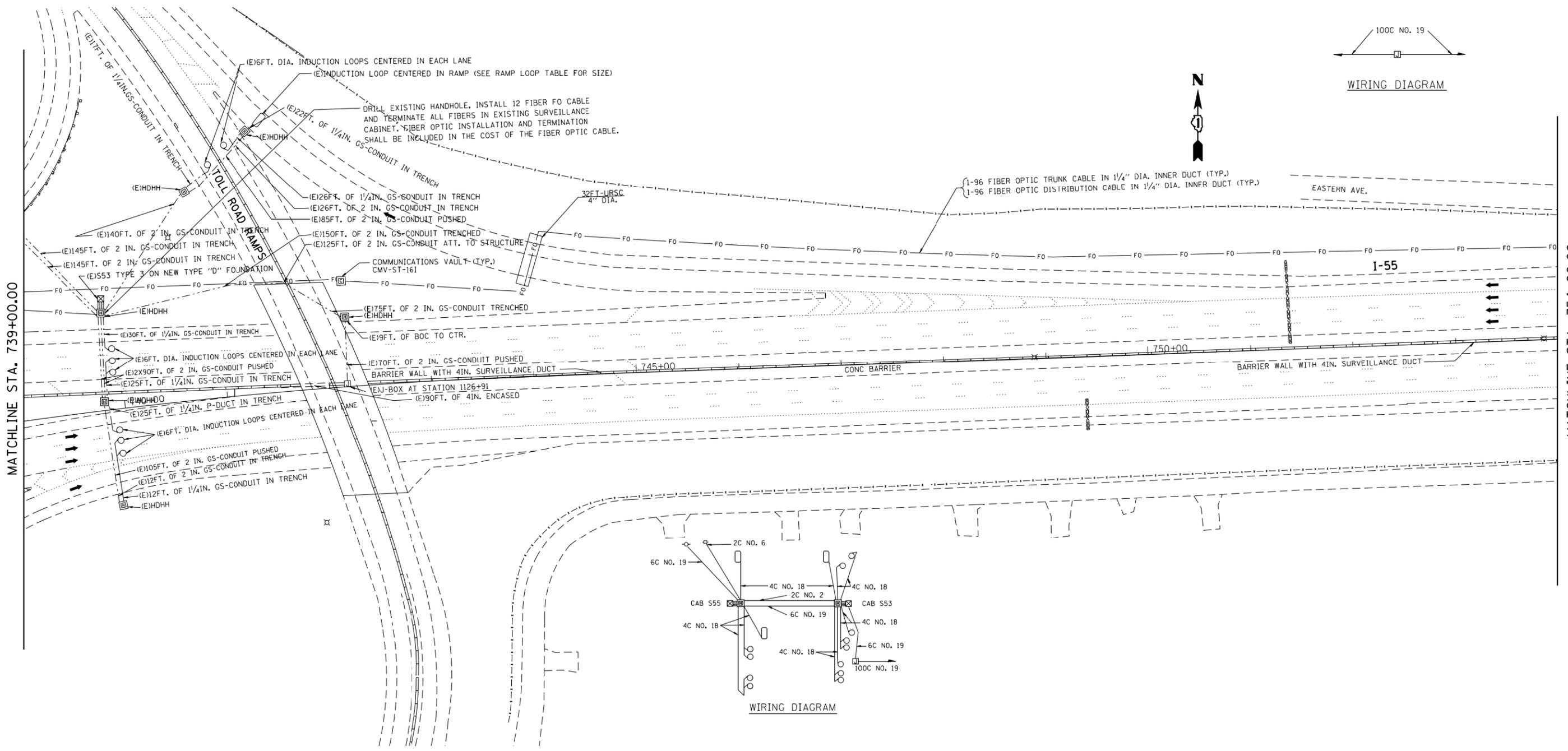
- 1) REPLACE EXISTING CCTV CAMERA LOWERING DEVICE.
- 2) REPLACE EXISTING CCTV CAMERA WITH HD CCTV CAMERA.
- 3) CONVERT EXISTING WIRELESS CCTV INSTALLATION TO FIBER OPTIC.



MATCHLINE STA. 725+00.00

MATCHLINE STA. 739+00.00

FILE NAME =		USER NAME = parayno1		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		ITS PLAN I-55 (TOLL ROAD RAMPS)		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / 1".		CHECKED -		REVISED -		CONTRACT NO. 60Y65				ILLINOIS FED. AID PROJECT						
Default		DATE -		REVISED -		SCALE: 1" = 50'				SHEET	OF	SHEETS	STA.	TO	STA.	



MATCHLINE STA. 739+00.00

MATCHLINE STA. 754+00.00

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	PLOT DATE = 5/20/2016	DATE -	REVISED -

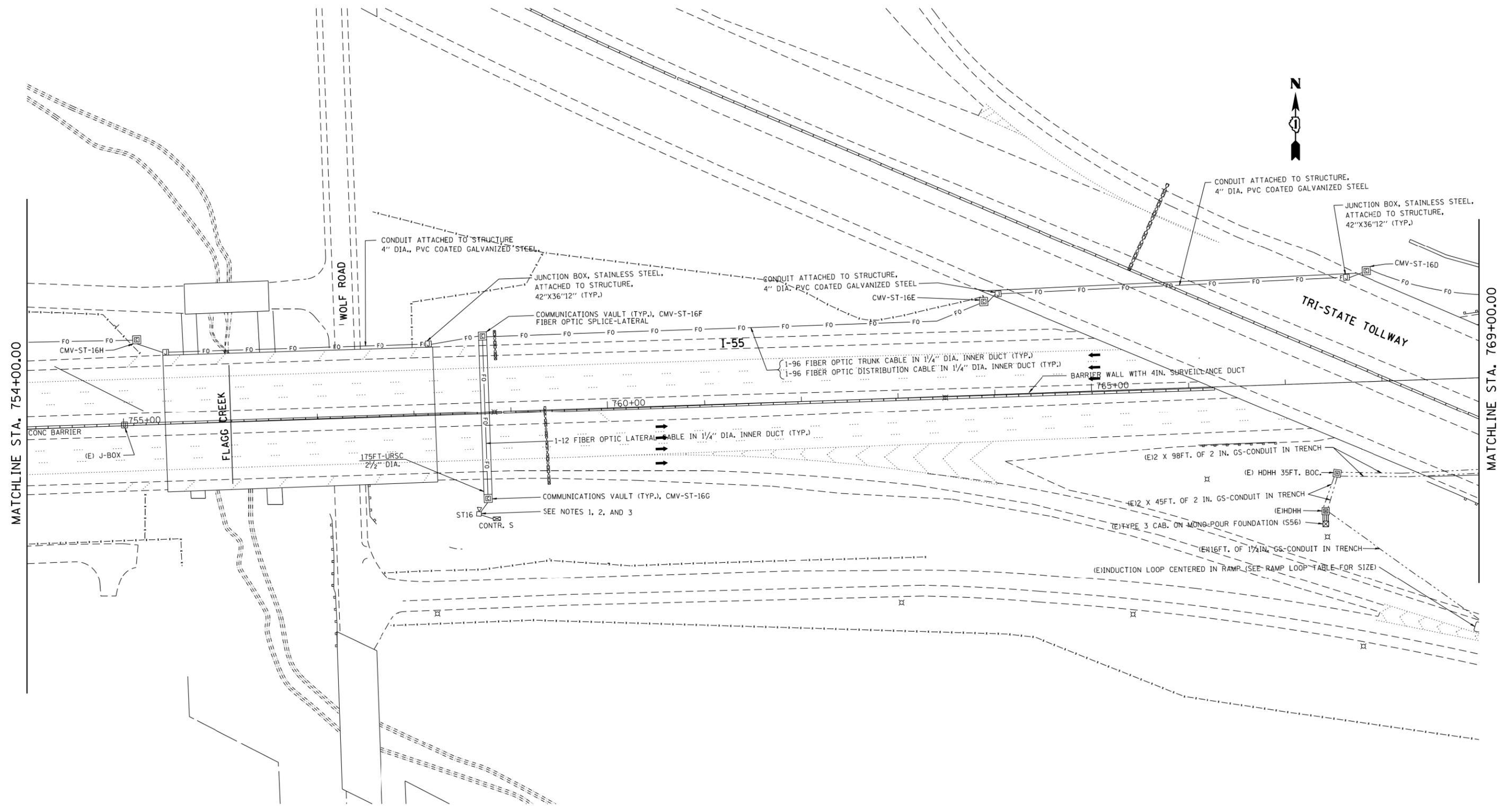
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ITS PLAN
I-55 (SOUTH OF TRI-STATE TOLLWAY) (CAB. #S53)

SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.I. R.T.E.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55		2014-079 RS, BR&T	WILL/DP/COOK	265	219
				CONTRACT NO. 60Y65	
ILLINOIS FED. AID PROJECT					

ITS-51



NOTES:

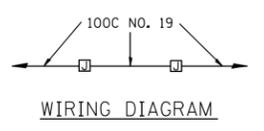
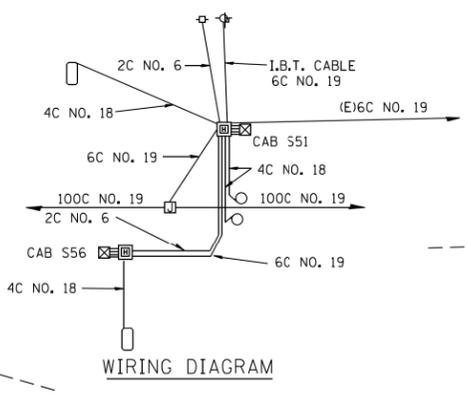
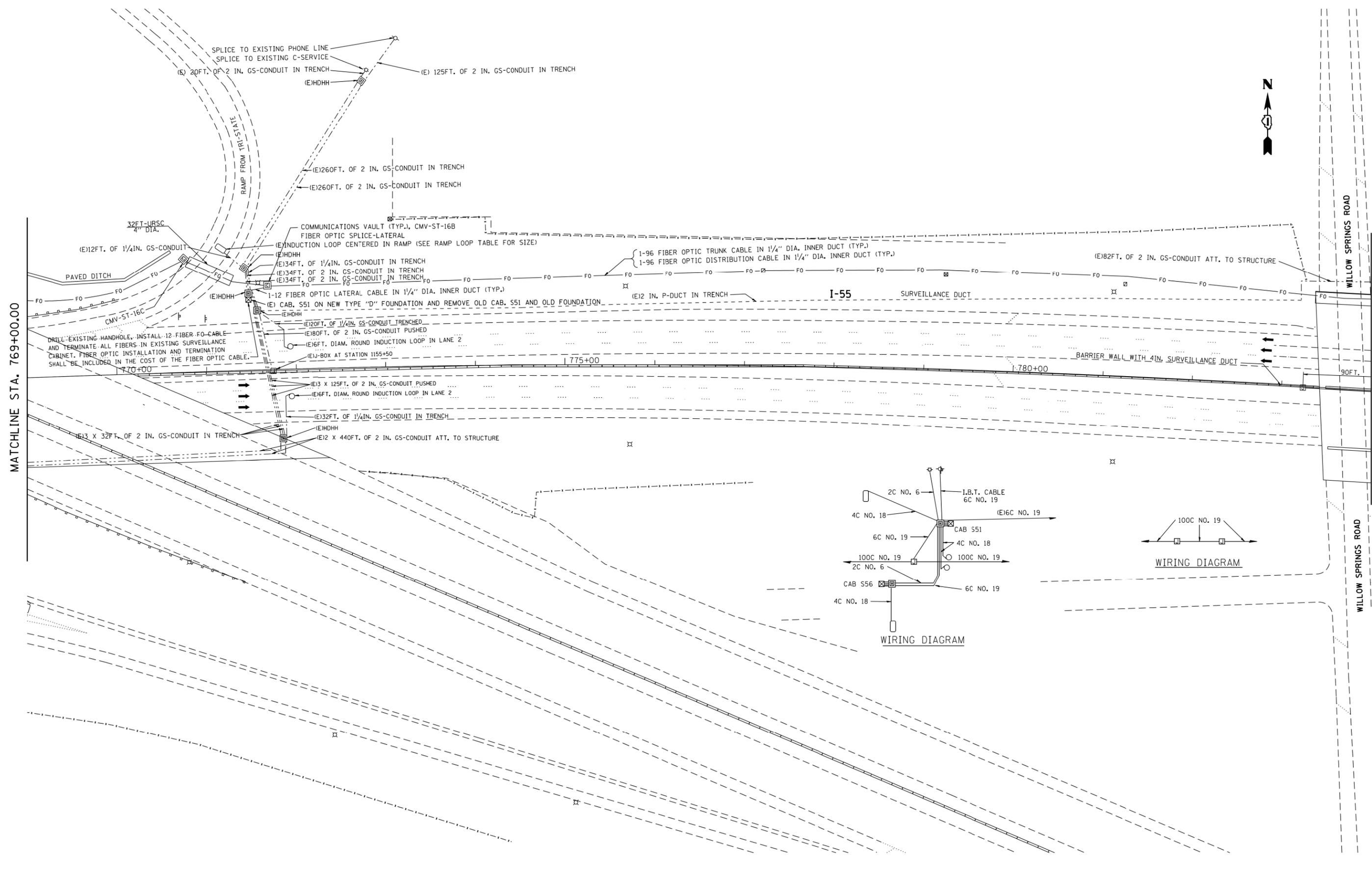
- 1) REPLACE EXISTING CCTV CAMERA LOWERING DEVICE.
- 2) REPLACE EXISTING CCTV CAMERA WITH HD CCTV CAMERA.
- 3) CONVERT EXISTING WIRELESS CCTV INSTALLATION TO FIBER OPTIC.

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ITS PLAN I-55 (TRI-STATE TOLLWAY)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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Default	PLT DATE = 5/20/2016	DATE -	REVISED -			CONTRACT NO. 60Y65					
						ILLINOIS FED. AID PROJECT					



MATCHLINE STA. 769+00.00

MATCHLINE STA. 784+00.00



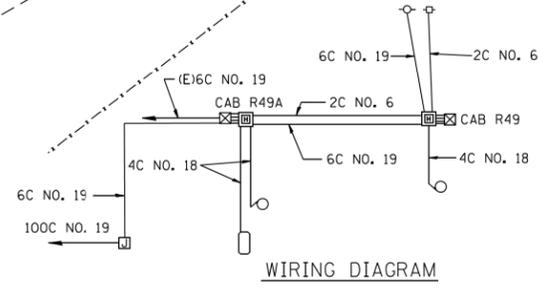
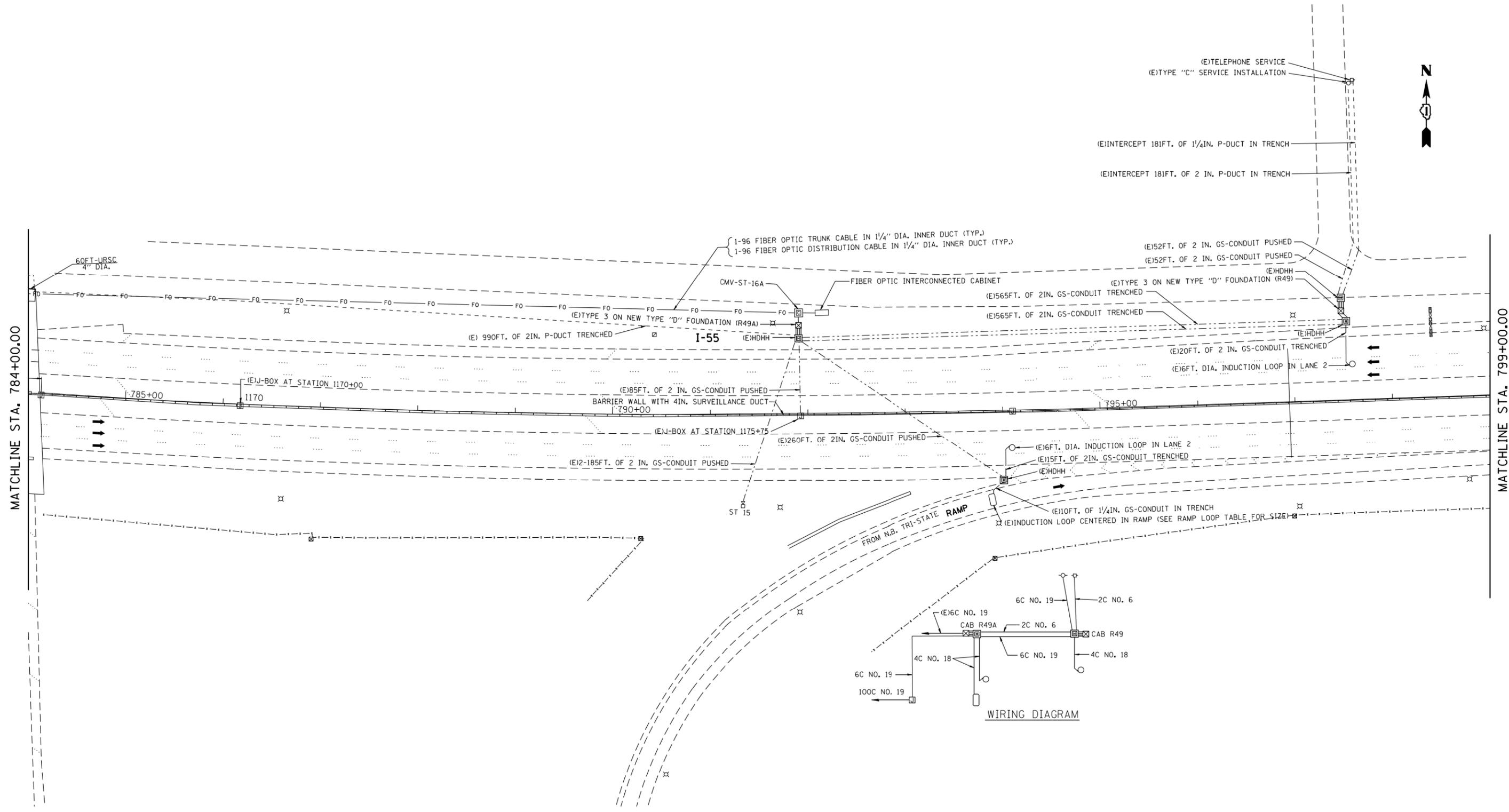
ITS-53

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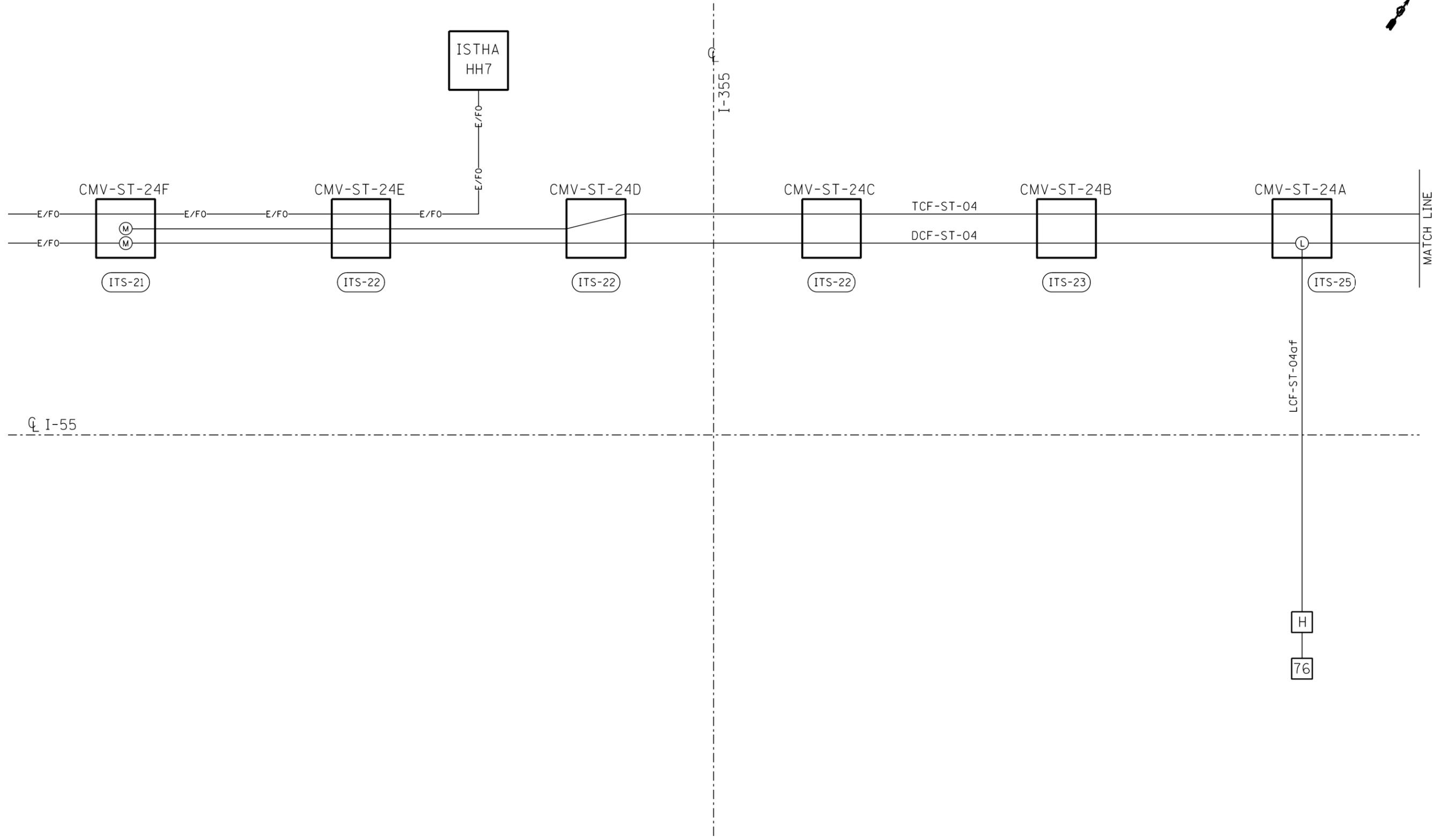
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ITS PLAN			
I-55 (WILLOW SPRINGS RD.)			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	221
CONTRACT NO. 60Y65				
ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ITS PLAN I-55 (NORTH OF WILLOW SPRINGS RD.) (CAB. #R49A)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI4814\Design\DI44814-sht-cover.dgn	DRWN	REVISED -	REVISED -			55	2014-079 RS, BR&T	WILL/DP/COOK	265	222	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 60Y65					
	PLOT DATE = 5/20/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

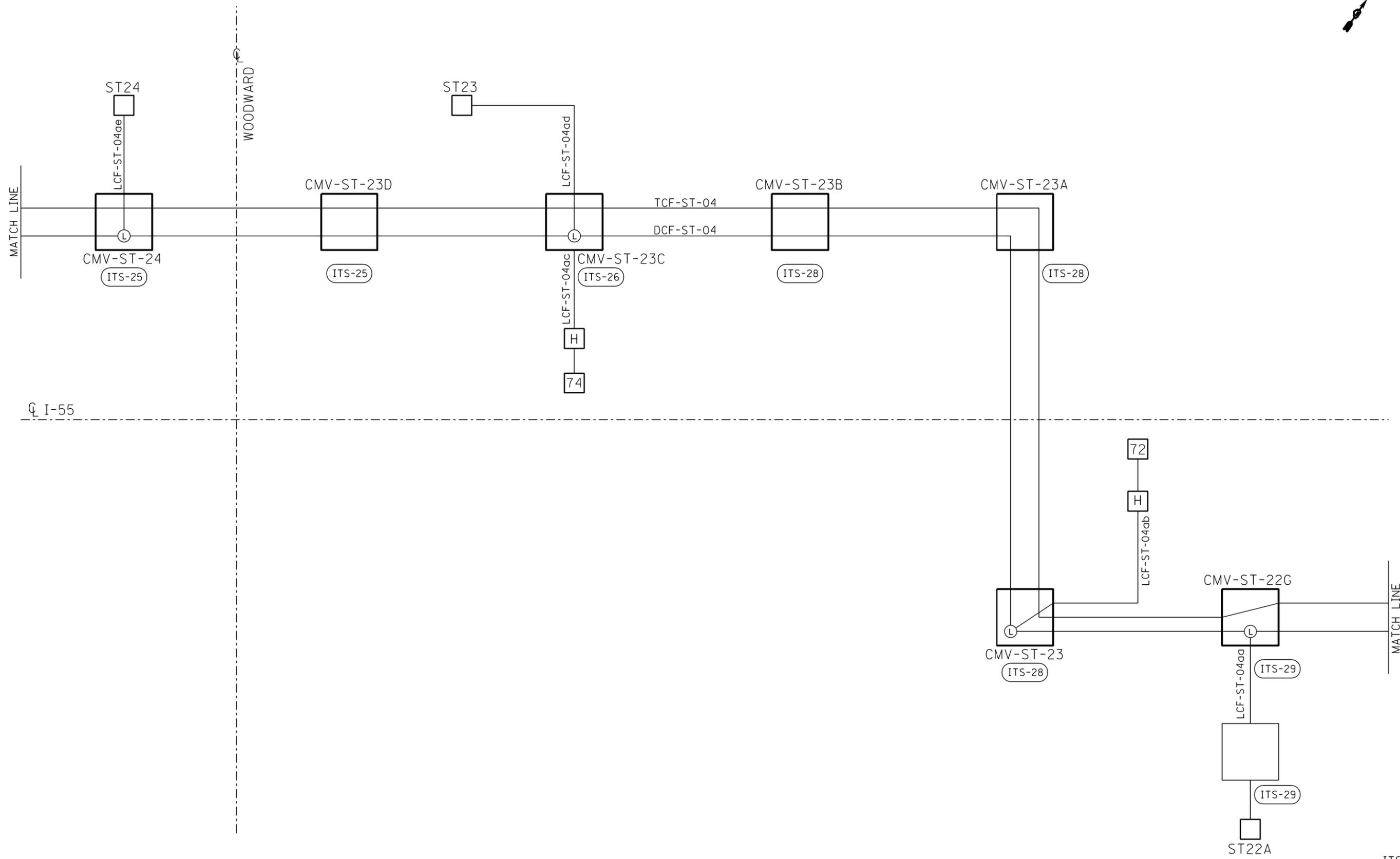
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CABLE SINGLE LINE DIAGRAM
SHEET 1 OF 12**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	223
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y65	

ITS-55

DUPAGE/MCHENRY



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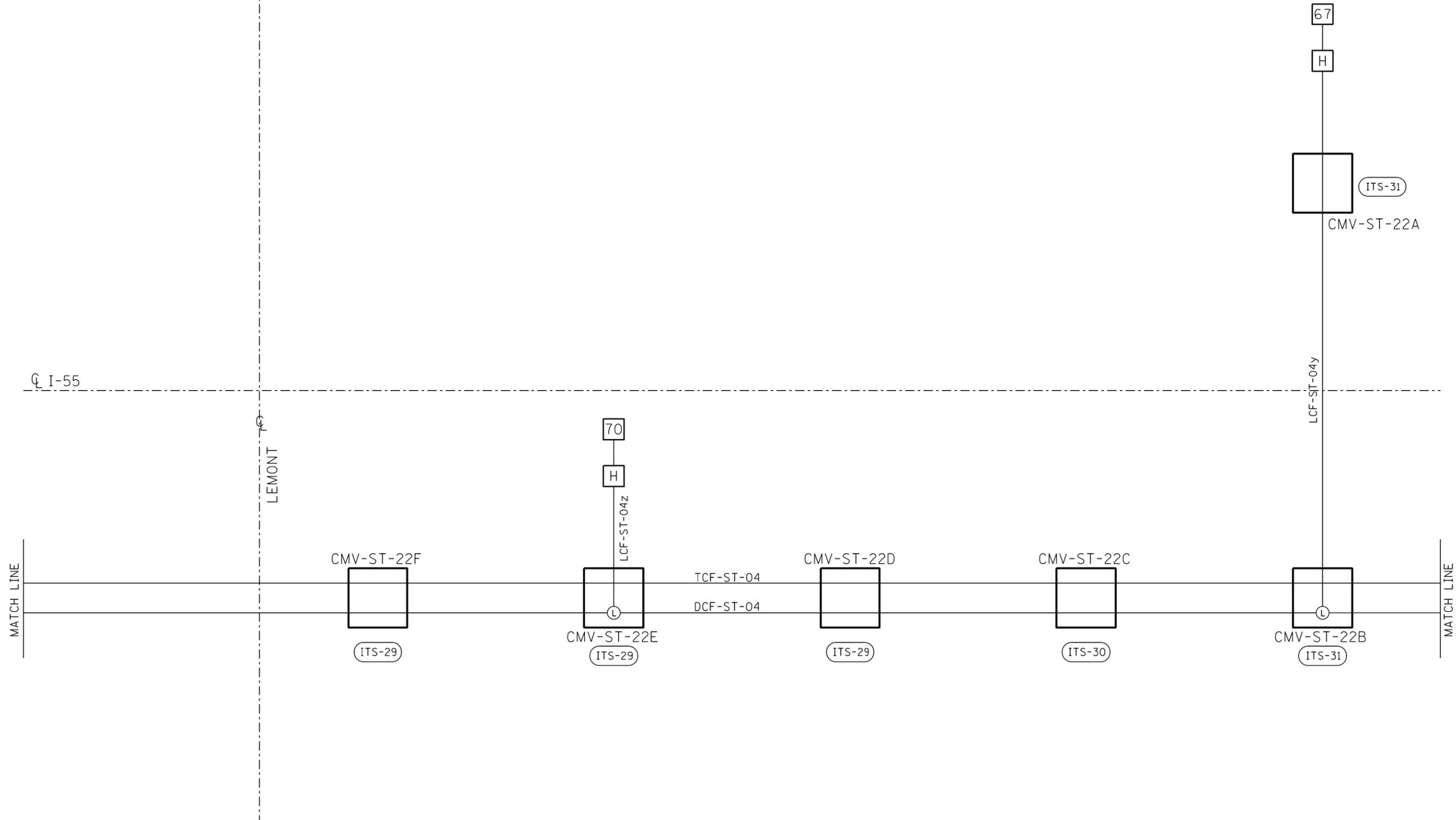
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIBER OPTIC CABLE SINGLE LINE DIAGRAM			
SHEET 2 OF 12			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	224
CONTRACT NO. 60Y65			ILLINOIS FED. AID PROJECT	

ITS-56

DUPAGE/MCHENRY



FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

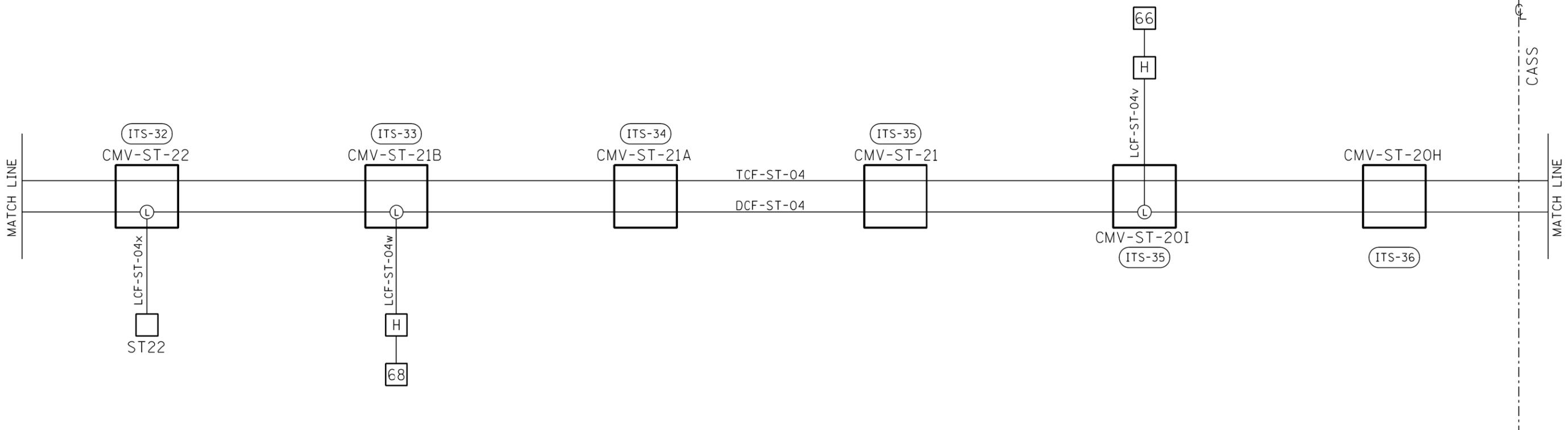
**FIBER OPTIC CABLE SINGLE LINE DIAGRAM
SHEET 3 OF 12**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	225
CONTRACT NO. 60Y65			ITS-57	



CL I-55



FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -
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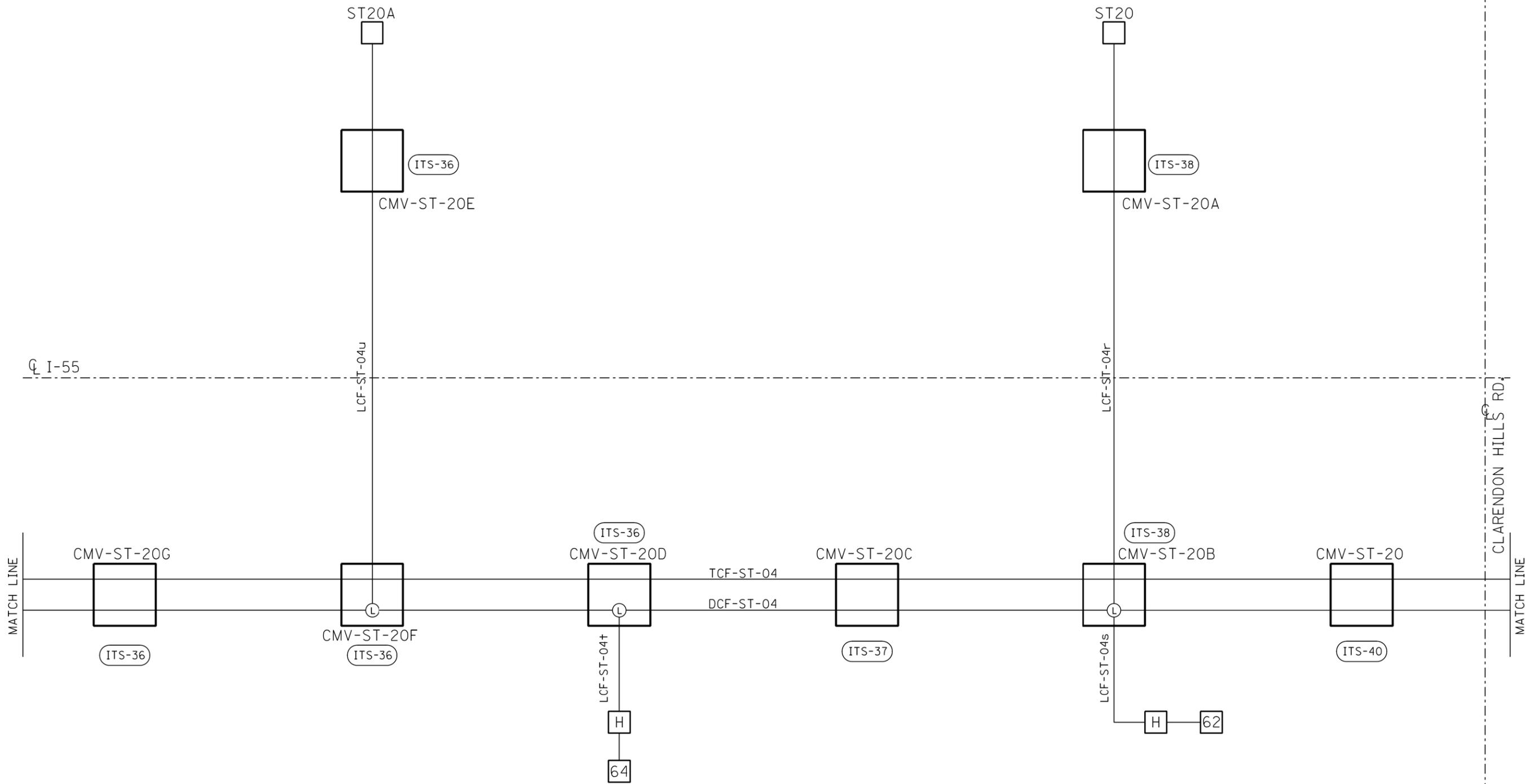
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CABLE SINGLE LINE DIAGRAM
SHEET 4 OF 12**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	226
CONTRACT NO. 60Y65			ILLINOIS FED. AID PROJECT	

ITS-58



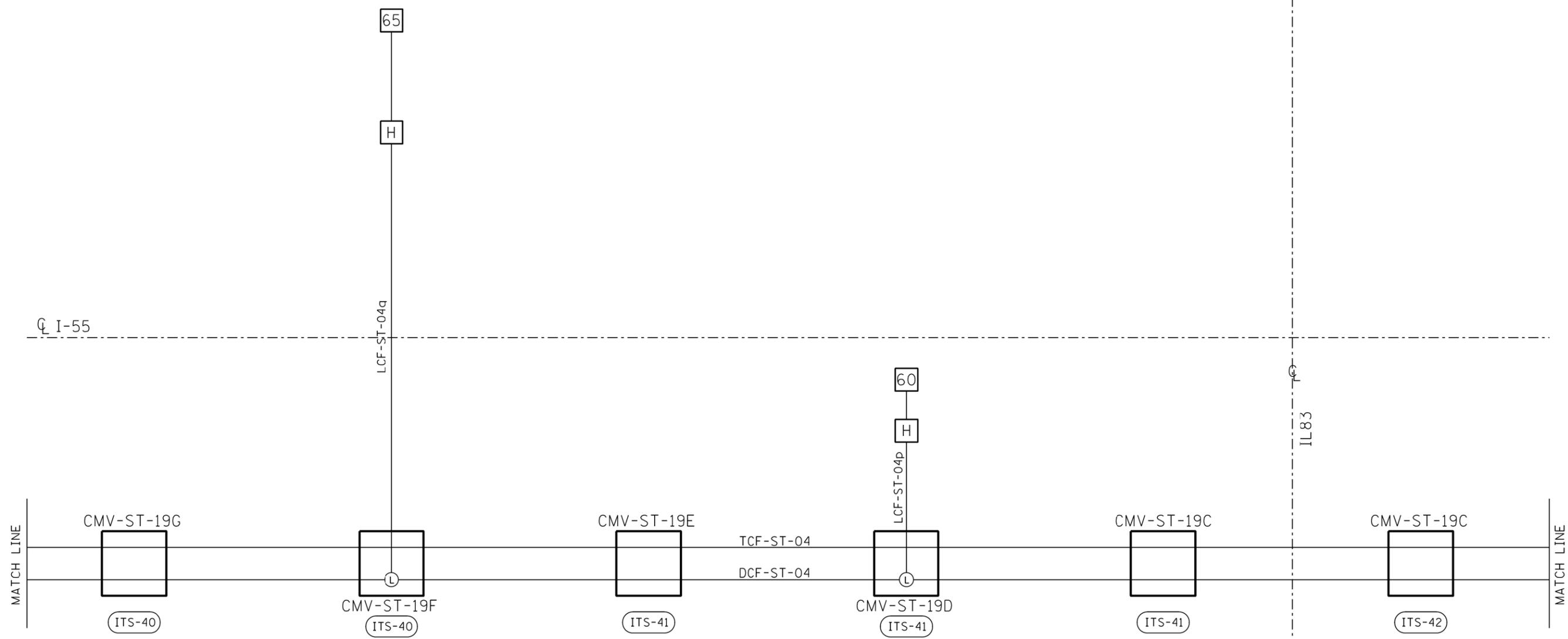
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CABLE SINGLE LINE DIAGRAM
SHEET 5 OF 12**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	227
CONTRACT NO. 60Y65			ITS-59	

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

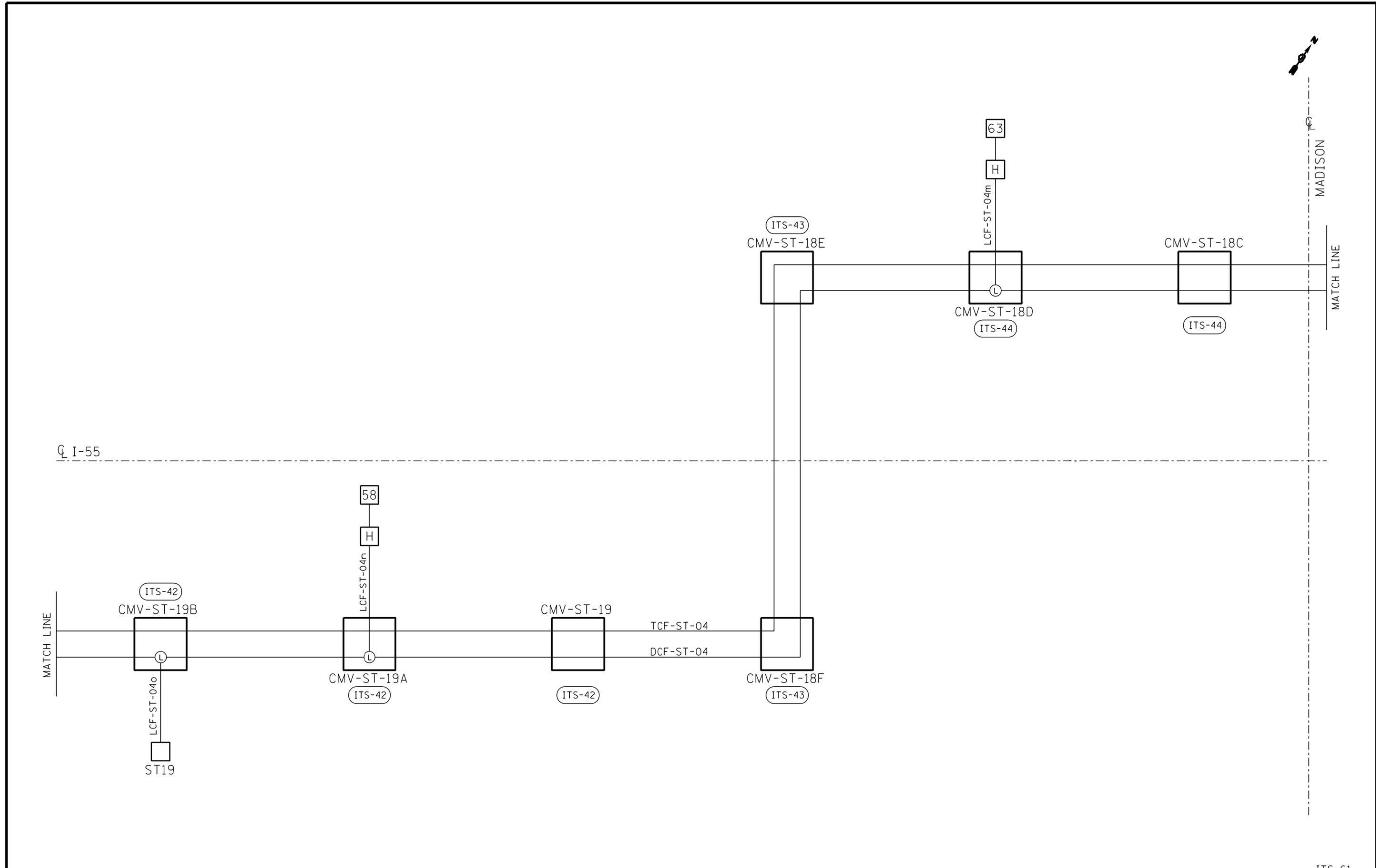
**FIBER OPTIC CABLE SINGLE LINE DIAGRAM
SHEET 6 OF 12**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	228
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y65	

ITS-60

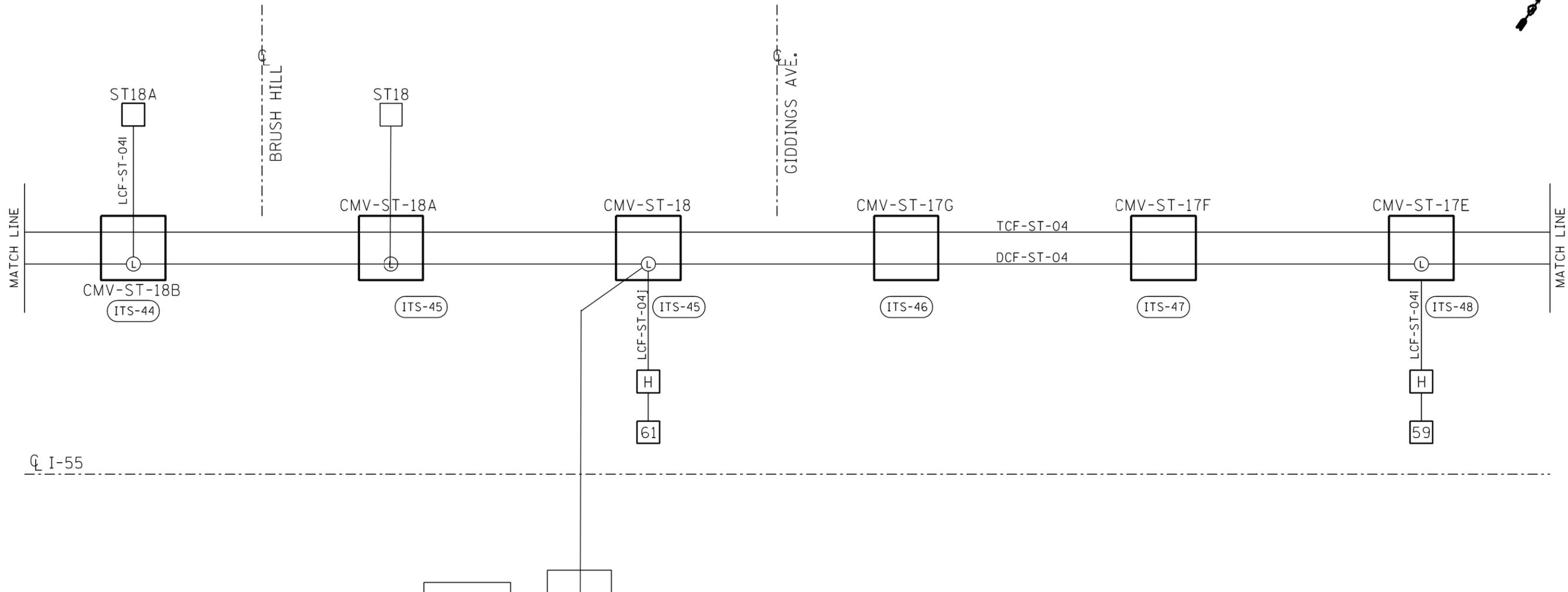
DUPAGE/MCHENRY



FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CABLE SINGLE LINE DIAGRAM SHEET 7 OF 12			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 60Y65				
	PLOT DATE = 5/20/2016				ILLINOIS FED. AID PROJECT							

ITS-61

DUPAGE/MCHENRY



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

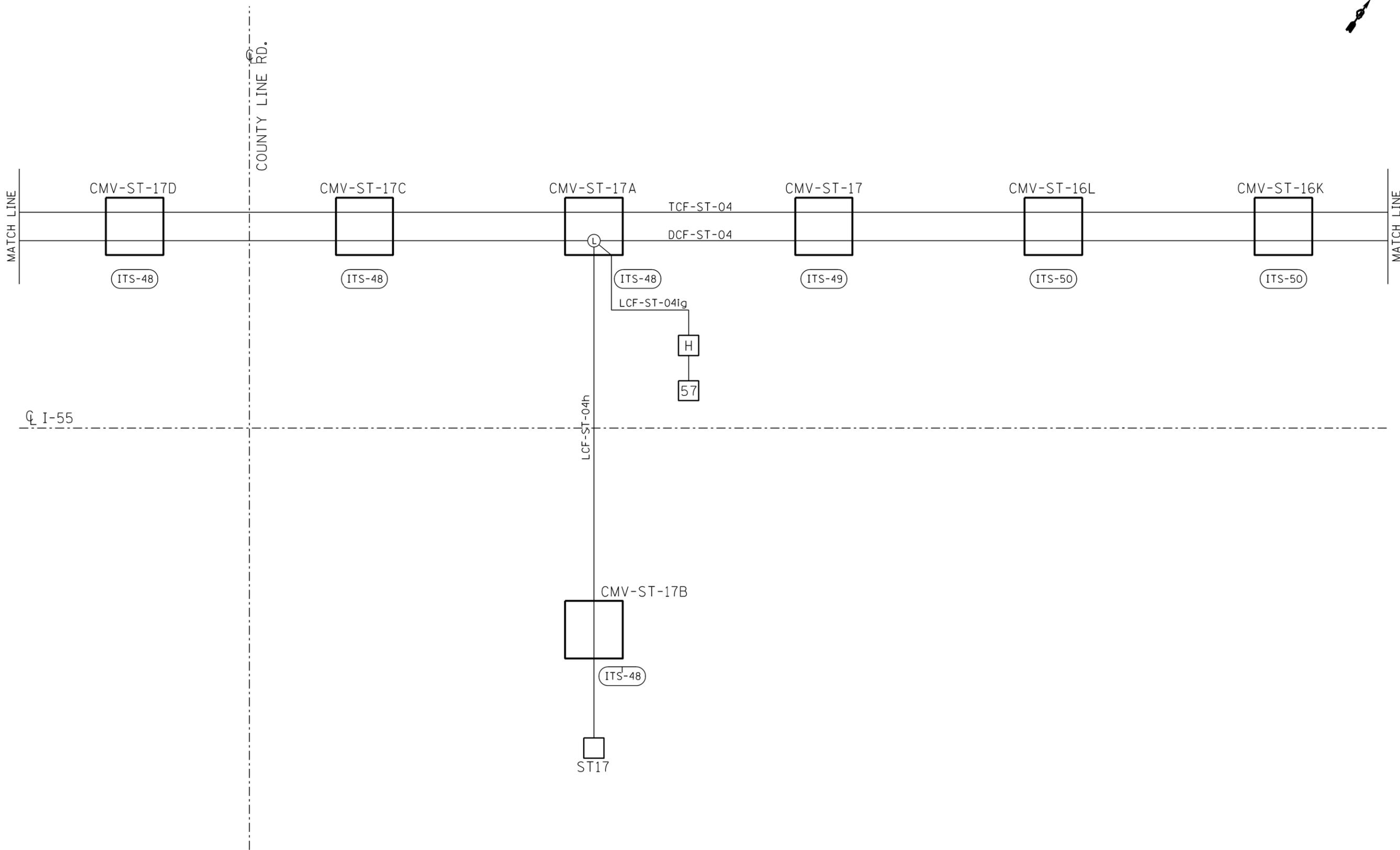
**FIBER OPTIC CABLE SINGLE LINE DIAGRAM
SHEET 8 OF 12**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	230
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y65	

ITS-62

DUPAGE/MCHENRY



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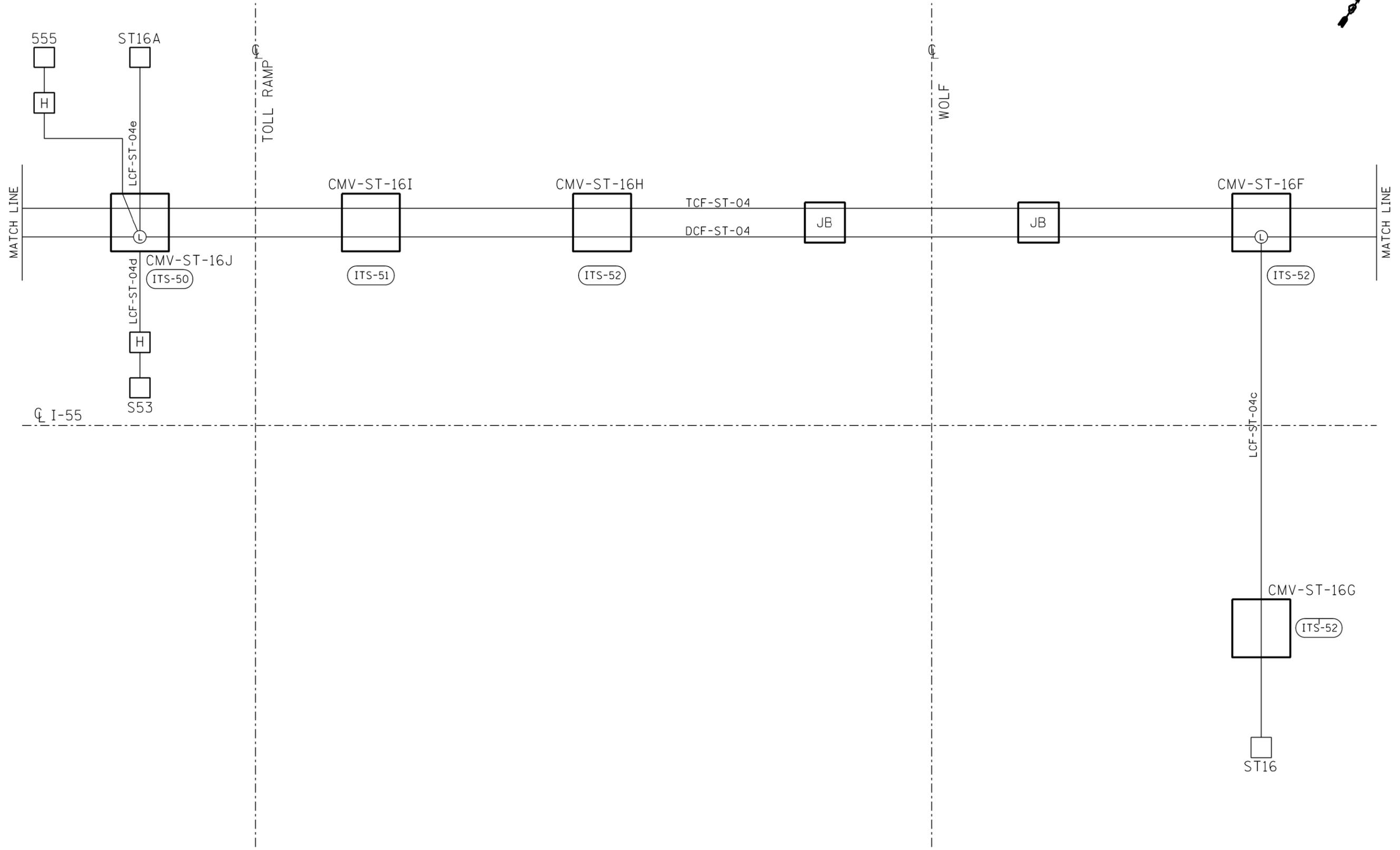
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CABLE SINGLE LINE DIAGRAM
SHEET 9 OF 12**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	231
CONTRACT NO. 60Y65				
ILLINOIS FED. AID PROJECT				

ITS-63



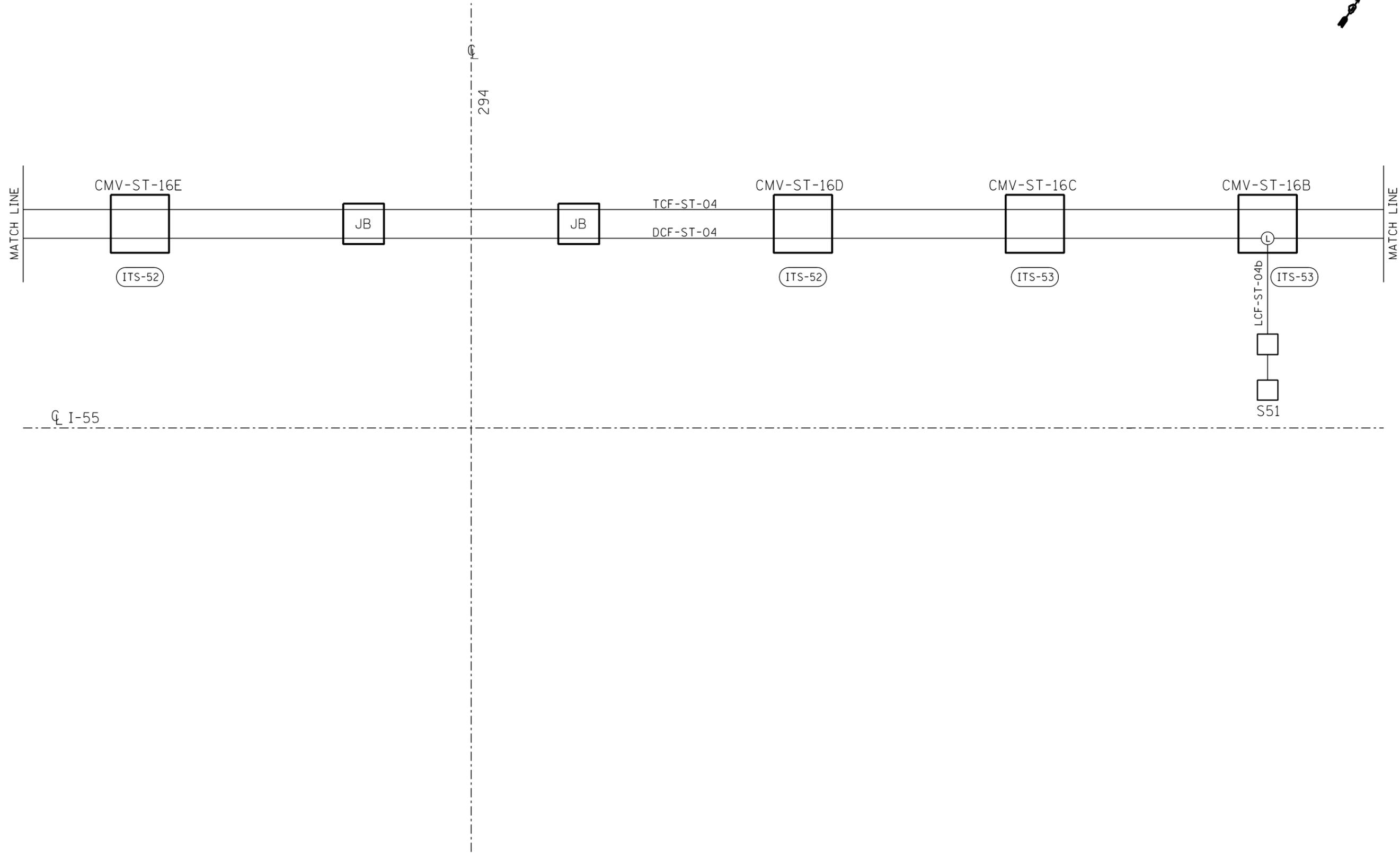
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CABLE SINGLE LINE DIAGRAM
SHEET 10 OF 12**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	232
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y65	

ITS-64



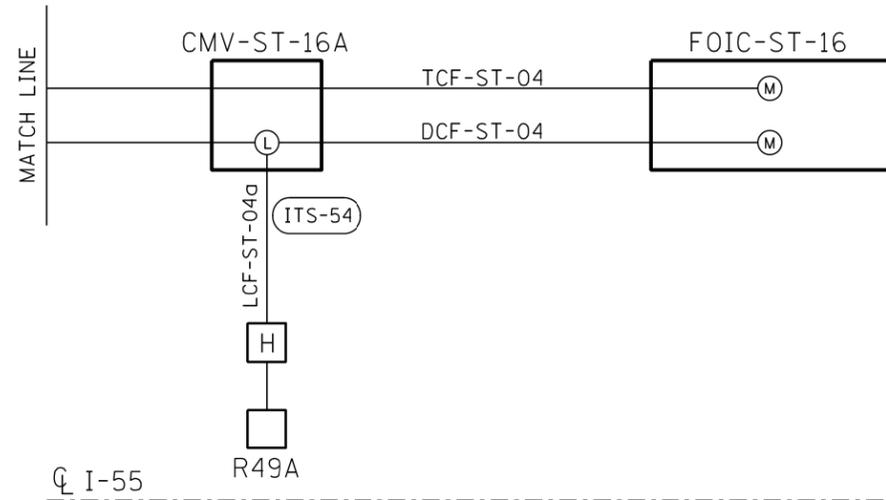
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Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CABLE SINGLE LINE DIAGRAM
SHEET 11 OF 12**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	233
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y65	

ITS-65



FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CABLE SINGLE LINE DIAGRAM
SHEET 12 OF 12**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	234
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60Y65	

ITS-66

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION		I-294	
DISTRIBUTION CABLE DESIGNATION		DCF-ST-04		DESTINATION		I-355	
BUFFER TUBE	FIBER	FIBER NO	ASSIGNMENT	BUFFER TUBE	FIBER NO	FIBER NO	ASSIGNMENT
BLUE	Blue	1	CCTV ST16, ST18, ST20, ST22A	SLATE	Blue	49	
	Orange	2	CCTV ST16, ST18, ST20, ST22A		Orange	50	
	Green	3	CCTV ST16A, ST18A, ST20A, ST23		Green	51	
	Brown	4	CCTV ST16A, ST18A, ST20A, ST23		Brown	52	
	Slate	5	CCTV ST17, ST19, ST22, ST24		Slate	53	
	White	6	CCTV ST17, ST19, ST22, ST24		White	54	
	Red	7			Red	55	
	Black	8			Black	56	
	Yellow	9			Yellow	57	
	Violet	10			Violet	58	
	Rose	11			Rose	59	
	Aqua	12			Aqua	60	
ORANGE	Blue	13	SURVEILLANCE CABINETS 76, 68, 60, 57	WHITE	Blue	61	
	Orange	14	SURVEILLANCE CABINETS 76, 68, 60, 57		Orange	62	
	Green	15	SURVEILLANCE CABINETS 74, 66, 63, S55		Green	63	
	Brown	16	SURVEILLANCE CABINETS 74, 66, 63, S55		Brown	64	
	Slate	17	SURVEILLANCE CABINETS 72, 64, 58, S53		Slate	65	
	White	18	SURVEILLANCE CABINETS 72, 64, 58, S53		White	66	
	Red	19	SURVEILLANCE CABINETS 70, 62, 61, S51		Red	67	
	Black	20	SURVEILLANCE CABINETS 70, 62, 61, S51		Black	68	
	Yellow	21	SURVEILLANCE CABINETS 67, 65, 59, R49A		Yellow	69	
	Violet	22	SURVEILLANCE CABINETS 67, 65, 59, R49A		Violet	70	
	Rose	23	DMS		Rose	71	
	Aqua	24	DMS		Aqua	72	
GREEN	Blue	25		RED	Blue	73	
	Orange	26			Orange	74	
	Green	27			Green	75	
	Brown	28			Brown	76	
	Slate	29			Slate	77	
	White	30			White	78	
	Red	31			Red	79	
	Black	32			Black	80	
	Yellow	33			Yellow	81	
	Violet	34			Violet	82	
	Rose	35			Rose	83	
	Aqua	36			Aqua	84	
BROWN	Blue	37		BLACK	Blue	85	
	Orange	38			Orange	86	
	Green	39			Green	87	
	Brown	40			Brown	88	
	Slate	41			Slate	89	
	White	42			White	90	
	Red	43			Red	91	
	Black	44			Black	92	
	Yellow	45			Yellow	93	
	Violet	46			Violet	94	
	Rose	47			Rose	95	
	Aqua	48			Aqua	96	

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	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRIBUTION CABLE FIBER ASSIGNMENTS
FAI 55**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	235
			CONTRACT NO. 60Y65	
ILLINOIS FED. AID PROJECT				

LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET R49A
LCF- ST-04a			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-21W	
2	SURV IN Rx	DCF-ST-04-22W	
3	SURV OUT Tx	DCF-ST-04-21E	
4	SURV OUT Rx	DCF-ST-04-22E	
5			
6			
7			
8			
9			
10			
11			
12			

LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET S51
LCF- ST-04b			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-19W	
2	SURV IN Rx	DCF-ST-04-20W	
3	SURV OUT Tx	DCF-ST-04-19E	
4	SURV OUT Rx	DCF-ST-04-20E	
5			
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7			
8			
9			
10			
11			
12			

LATERAL CABLE FIBER ASSIGNMENTS			CCTV ST-16
LCF- ST-04c			
FIBER NO	FUNCTION	CONNECTION	
1	CCTV IN Tx	DCF-ST-04-1W	
2	CCTV IN Rx	DCF-ST-04-2W	
3	CCTV OUT Tx	DCF-ST-04-1E	
4	CCTV OUT Rx	DCF-ST-04-2E	
5			
6			
7			
8			
9			
10			
11			
12			

LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET S53
LCF- ST-04d			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-17W	
2	SURV IN Rx	DCF-ST-04-18W	
3	SURV OUT Tx	DCF-ST-04-17E	
4	SURV OUT Rx	DCF-ST-04-18E	
5			
6			
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8			
9			
10			
11			
12			

LATERAL CABLE FIBER ASSIGNMENTS			CCTV ST-16A
LCF-ST-04e			
FIBER NO	FUNCTION	CONNECTION	
1	CCTV IN Tx	DCF-ST-04-3W	
2	CCTV IN Rx	DCF-ST-04-4W	
3	CCTV OUT Tx	DCF-ST-04-3E	
4	CCTV OUT Rx	DCF-ST-04-4E	
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LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET S55
LCF-ST-04f			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-15W	
2	SURV IN Rx	DCF-ST-04-16W	
3	SURV OUT Tx	DCF-ST-04-15E	
4	SURV OUT Rx	DCF-ST-04-16E	
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12			

LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET 57
LCF-ST-04g			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-13W	
2	SURV IN Rx	DCF-ST-04-14W	
3	SURV OUT Tx	DCF-ST-04-13E	
4	SURV OUT Rx	DCF-ST-04-14E	
5			
6			
7			
8			
9			
10			
11			
12			

LATERAL CABLE FIBER ASSIGNMENTS			CCTV ST-17
LCF-ST-04h			
FIBER NO	FUNCTION	CONNECTION	
1	CCTV IN Tx	DCF-ST-04-5W	
2	CCTV IN Rx	DCF-ST-04-6W	
3	CCTV OUT Tx	DCF-ST-04-5E	
4	CCTV OUT Rx	DCF-ST-04-6E	
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12			

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -
	PLOT DATE = 5/20/2016		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TWELVE FIBER LATERAL CABLE FIBER ASSIGNMENTS			
FAI 55			
SCALE: NONE	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	237
				CONTRACT NO. 60Y65
ILLINOIS FED. AID PROJECT				

LATERAL CABLE FIBER ASSIGNMENTS		SURV CABINET 59	
LCF-ST-05I			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-21W	
2	SURV IN Rx	DCF-ST-04-22W	
3	SURV OUT Tx	DCF-ST-04-21E	
4	SURV OUT Rx	DCF-ST-04-22E	
5			
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LATERAL CABLE FIBER ASSIGNMENTS		SURV CABINET 61	
LCF-ST-04J			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-19W	
2	SURV IN Rx	DCF-ST-04-20W	
3	SURV OUT Tx	DCF-ST-04-19E	
4	SURV OUT Rx	DCF-ST-04-20E	
5			
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12			

LATERAL CABLE FIBER ASSIGNMENTS		DMS 24	
LCF-ST-04k			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-23W	
2	SURV IN Rx	DCF-ST-04-24W	
3	SURV OUT Tx	DCF-ST-04-24E	
4	SURV OUT Rx	DCF-ST-04-24E	
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LATERAL CABLE FIBER ASSIGNMENTS		CCTV ST-18A	
LCF-ST-04I			
FIBER NO	FUNCTION	CONNECTION	
1	CCTV IN Tx	DCF-ST-04-3W	
2	CCTV IN Rx	DCF-ST-04-4W	
3	CCTV OUT Tx	DCF-ST-04-3E	
4	CCTV OUT Rx	DCF-ST-04-4E	
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FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TWELVE FIBER LATERAL CABLE FIBER ASSIGNMENTS			
FAI 55			
SCALE: NONE	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	238
CONTRACT NO. 60Y65				
ILLINOIS FED. AID PROJECT				

LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET 63
LCF-ST-04m			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-15W	
2	SURV IN Rx	DCF-ST-04-16W	
3	SURV OUT Tx	DCF-ST-04-15E	
4	SURV OUT Rx	DCF-ST-04-16E	
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LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET 58
LCF-ST-04n			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-17W	
2	SURV IN Rx	DCF-ST-04-18W	
3	SURV OUT Tx	DCF-ST-04-17E	
4	SURV OUT Rx	DCF-ST-04-18E	
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LATERAL CABLE FIBER ASSIGNMENTS			CCTV ST-19
LCF-ST-04o			
FIBER NO	FUNCTION	CONNECTION	
1	CCTV IN Tx	DCF-ST-04-5W	
2	CCTV IN Rx	DCF-ST-04-6W	
3	CCTV OUT Tx	DCF-ST-04-5E	
4	CCTV OUT Rx	DCF-ST-04-6E	
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12			

LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET 60
LCF-ST-04p			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-13W	
2	SURV IN Rx	DCF-ST-04-14W	
3	SURV OUT Tx	DCF-ST-04-13E	
4	SURV OUT Rx	DCF-ST-04-14E	
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FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TWELVE FIBER LATERAL CABLE FIBER ASSIGNMENTS			
FAI 55			
SCALE: NONE	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	239
CONTRACT NO. 60Y65				
ILLINOIS FED. AID PROJECT				

LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET 65
LCF-ST-04q			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-21W	
2	SURV IN Rx	DCF-ST-04-22W	
3	SURV OUT Tx	DCF-ST-04-21E	
4	SURV OUT Rx	DCF-ST-04-22E	
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LATERAL CABLE FIBER ASSIGNMENTS			CCTV ST-20
LCF-ST-04r			
FIBER NO	FUNCTION	CONNECTION	
1	CCTV IN Tx	DCF-ST-04-1W	
2	CCTV IN Rx	DCF-ST-04-2W	
3	CCTV OUT Tx	DCF-ST-04-1E	
4	CCTV OUT Rx	DCF-ST-04-2E	
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LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET 62
LCF-ST-04s			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-19W	
2	SURV IN Rx	DCF-ST-04-20W	
3	SURV OUT Tx	DCF-ST-04-19E	
4	SURV OUT Rx	DCF-ST-04-20E	
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LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET 64
LCF-ST-04t			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-17W	
2	SURV IN Rx	DCF-ST-04-18W	
3	SURV OUT Tx	DCF-ST-04-17E	
4	SURV OUT Rx	DCF-ST-04-18E	
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LATERAL CABLE FIBER ASSIGNMENTS		CCTV ST-20A
LCF-ST-04u		
FIBER NO	FUNCTION	CONNECTION
1	CCTV IN Tx	DCF-ST-04-3W
2	CCTV IN Rx	DCF-ST-04-4W
3	CCTV OUT Tx	DCF-ST-04-3E
4	CCTV OUT Rx	DCF-ST-04-4E
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12		

LATERAL CABLE FIBER ASSIGNMENTS		SURV CABINET 66
LCF-ST-04v		
FIBER NO	FUNCTION	CONNECTION
1	SURV IN Tx	DCF-ST-04-15W
2	SURV IN Rx	DCF-ST-04-16W
3	SURV OUT Tx	DCF-ST-04-15E
4	SURV OUT Rx	DCF-ST-04-16E
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12		

LATERAL CABLE FIBER ASSIGNMENTS		SURV CABINET 68
LCF-ST-04w		
FIBER NO	FUNCTION	CONNECTION
1	SURV IN Tx	DCF-ST-04-13W
2	SURV IN Rx	DCF-ST-04-14W
3	SURV OUT Tx	DCF-ST-04-13E
4	SURV OUT Rx	DCF-ST-04-14E
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LATERAL CABLE FIBER ASSIGNMENTS		CCTV ST-22
LCF-ST-04x		
FIBER NO	FUNCTION	CONNECTION
1	CCTV IN Tx	DCF-ST-04-5W
2	CCTV IN Rx	DCF-ST-04-6W
3	CCTV OUT Tx	DCF-ST-04-5E
4	CCTV OUT Rx	DCF-ST-04-6E
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LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET 67
LCF-ST-04y			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-21W	
2	SURV IN Rx	DCF-ST-04-22W	
3	SURV OUT Tx	DCF-ST-04-21E	
4	SURV OUT Rx	DCF-ST-04-22E	
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LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET 70
LCF-ST-04z			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-19W	
2	SURV IN Rx	DCF-ST-04-20W	
3	SURV OUT Tx	DCF-ST-04-19E	
4	SURV OUT Rx	DCF-ST-04-20E	
5			
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12			

LATERAL CABLE FIBER ASSIGNMENTS			CCTV ST-22A
LCF-ST-04aa			
FIBER NO	FUNCTION	CONNECTION	
1	CCTV IN Tx	DCF-ST-04-1W	
2	CCTV IN Rx	DCF-ST-04-2W	
3	CCTV OUT Tx	DCF-ST-04-1E	
4	CCTV OUT Rx	DCF-ST-04-2E	
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LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET 72
LCF-ST-04ab			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-17W	
2	SURV IN Rx	DCF-ST-04-18W	
3	SURV OUT Tx	DCF-ST-04-17E	
4	SURV OUT Rx	DCF-ST-04-18E	
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FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TWELVE FIBER LATERAL CABLE FIBER ASSIGNMENTS			
FAI 55			
SCALE: NONE	SHEET	OF	SHEETS
	STA.		TO STA.

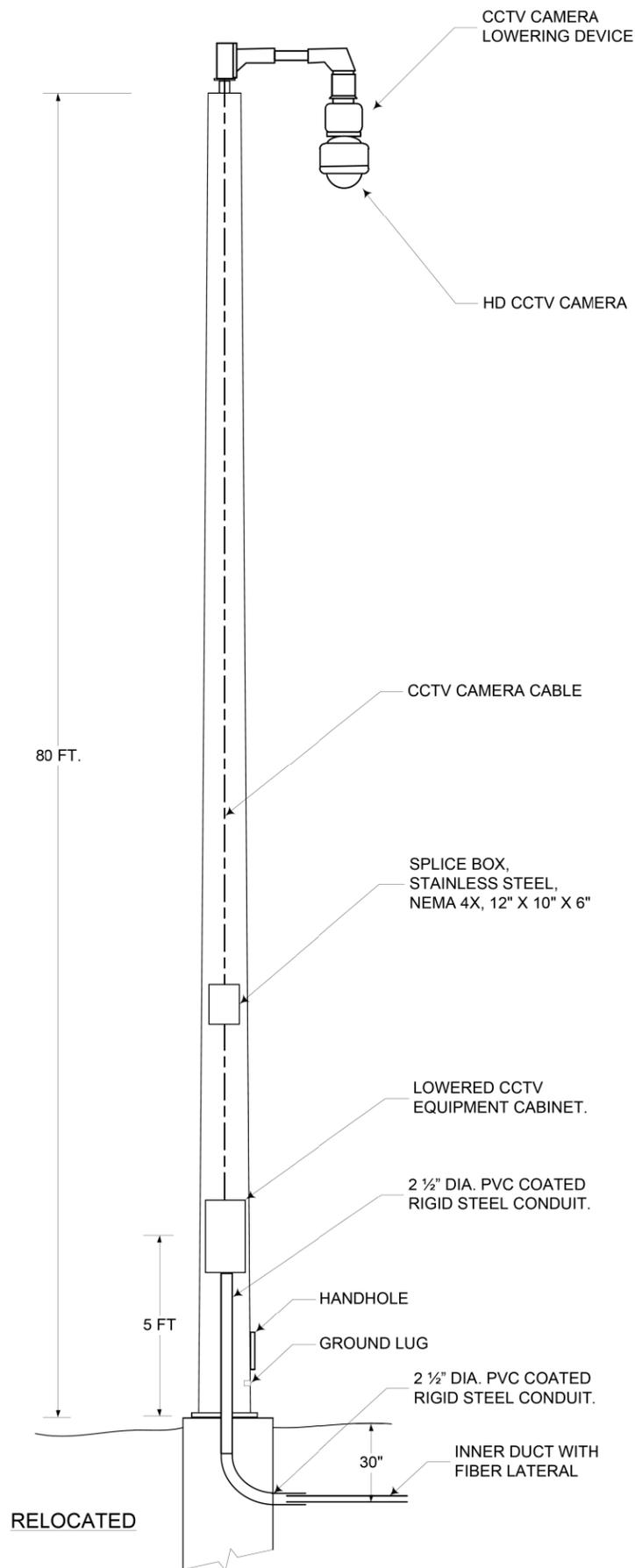
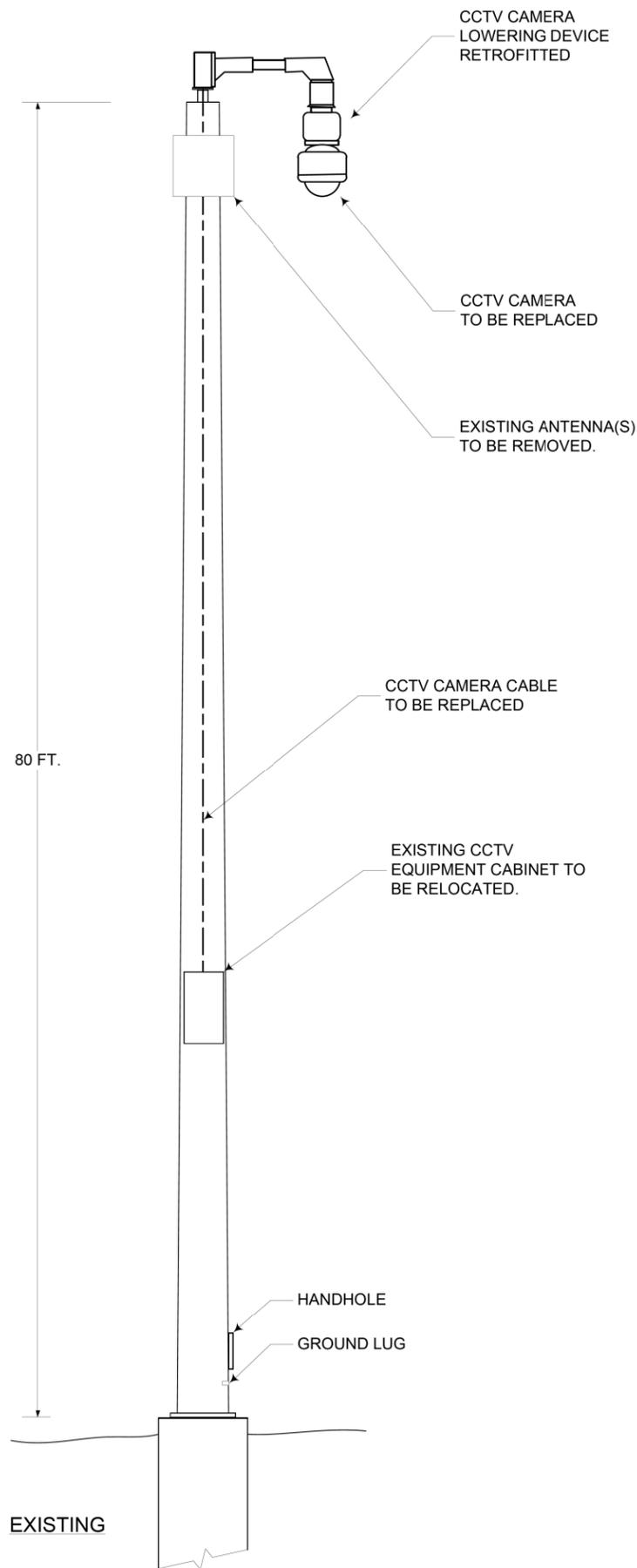
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	242
CONTRACT NO. 60Y65				
ILLINOIS FED. AID PROJECT				

LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET 74
LCF-ST-04ac			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-15W	
2	SURV IN Rx	DCF-ST-04-16W	
3	SURV OUT Tx	DCF-ST-04-15E	
4	SURV OUT Rx	DCF-ST-04-16E	
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LATERAL CABLE FIBER ASSIGNMENTS			CCTV ST-23
LCF-ST-04ad			
FIBER NO	FUNCTION	CONNECTION	
1	CCTV IN Tx	DCF-ST-04-3W	
2	CCTV IN Rx	DCF-ST-04-4W	
3	CCTV OUT Tx	DCF-ST-04-3E	
4	CCTV OUT Rx	DCF-ST-04-4E	
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9			
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11			
12			

LATERAL CABLE FIBER ASSIGNMENTS			CCTV ST-24
LCF-ST-04ae			
FIBER NO	FUNCTION	CONNECTION	
1	CCTV IN Tx	DCF-ST-04-5W	
2	CCTV IN Rx	DCF-ST-04-6W	
3	CCTV OUT Tx	DCF-ST-04-5E	
4	CCTV OUT Rx	DCF-ST-04-6E	
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12			

LATERAL CABLE FIBER ASSIGNMENTS			SURV CABINET 76
LCF-ST-04af			
FIBER NO	FUNCTION	CONNECTION	
1	SURV IN Tx	DCF-ST-04-13W	
2	SURV IN Rx	DCF-ST-04-14W	
3	SURV OUT Tx	DCF-ST-04-13E	
4	SURV OUT Rx	DCF-ST-04-14E	
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GENERAL NOTES

1. LOCATIONS OF THE CCTV CAMERA INSTALLATIONS ARE APPROXIMATE. THE CONTRACTOR MAY ADJUST THE LOCATIONS OF THE INSTALLATIONS 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.
2. ALL EQUIPMENT SHALL BE GROUNDED.
3. ALL CABLES, INCLUDING LOWERING DEVICE CABLES, SHALL BE WITHIN THE POLE SHAFT. EXTERNAL CABLING WILL NOT BE PERMITTED.
4. ANTENNA REMOVAL MAY CONSIST OF ONE OR TWO ANTENNAS. ACTUAL ANTENNA SIZE MAY NOT BE AS DEPICTED.

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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	PLOT DATE = 5/20/2016	DATE -	REVISED -

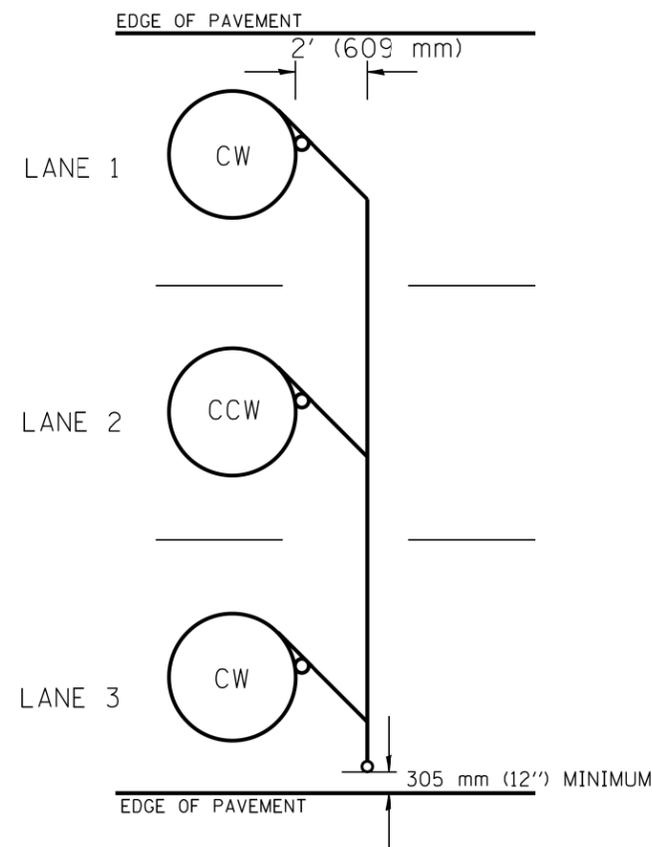
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CCTV CAMERA STRUCTURE, 80 FT M.H., GALVANIZED STEEL
CABINET MODIFICATION**

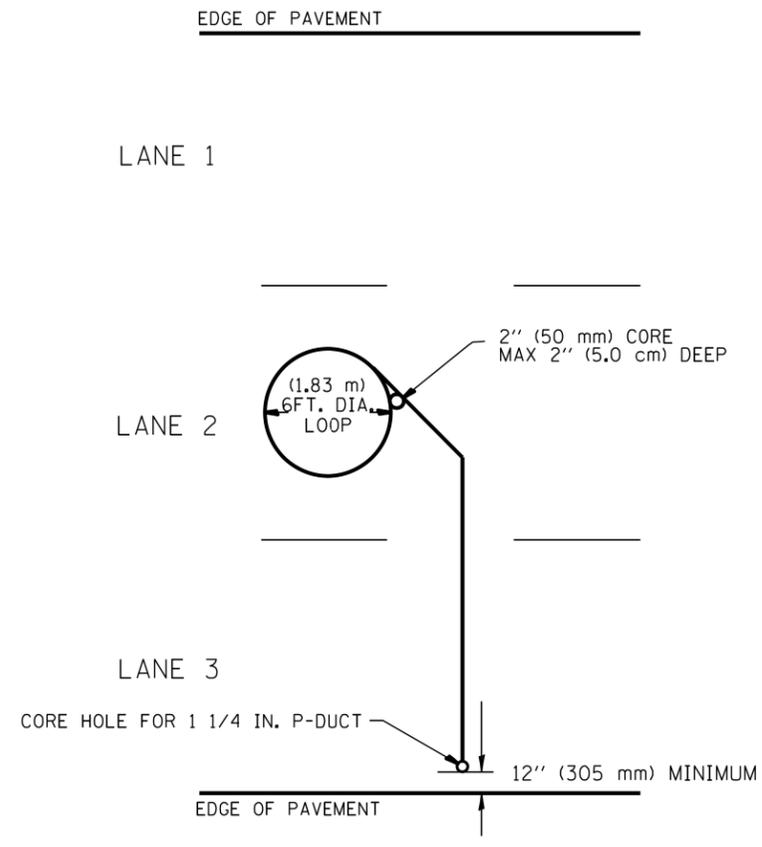
SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	244
CONTRACT NO. 60Y65				
ILLINOIS FED. AID PROJECT				

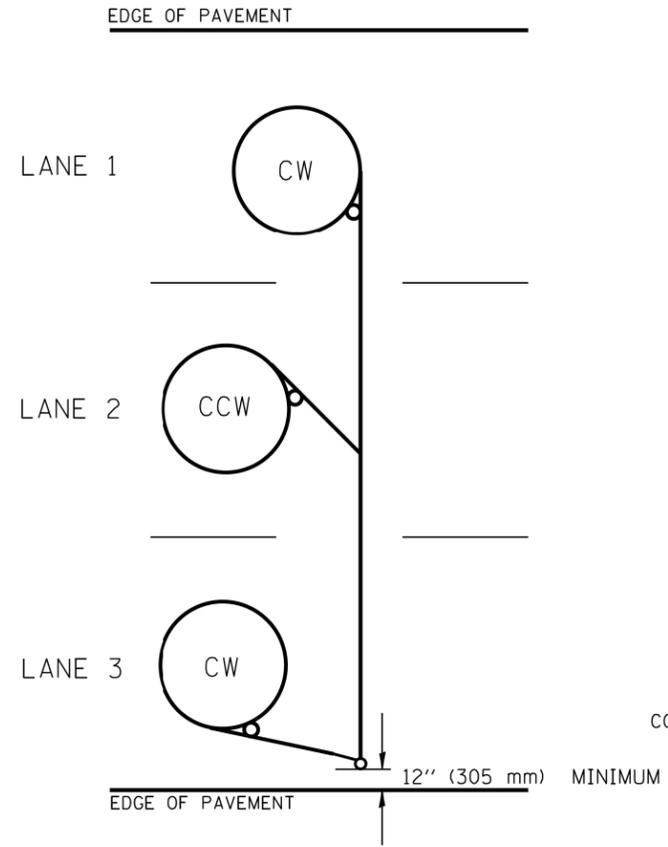
*COOK,DUPAGE,WILL



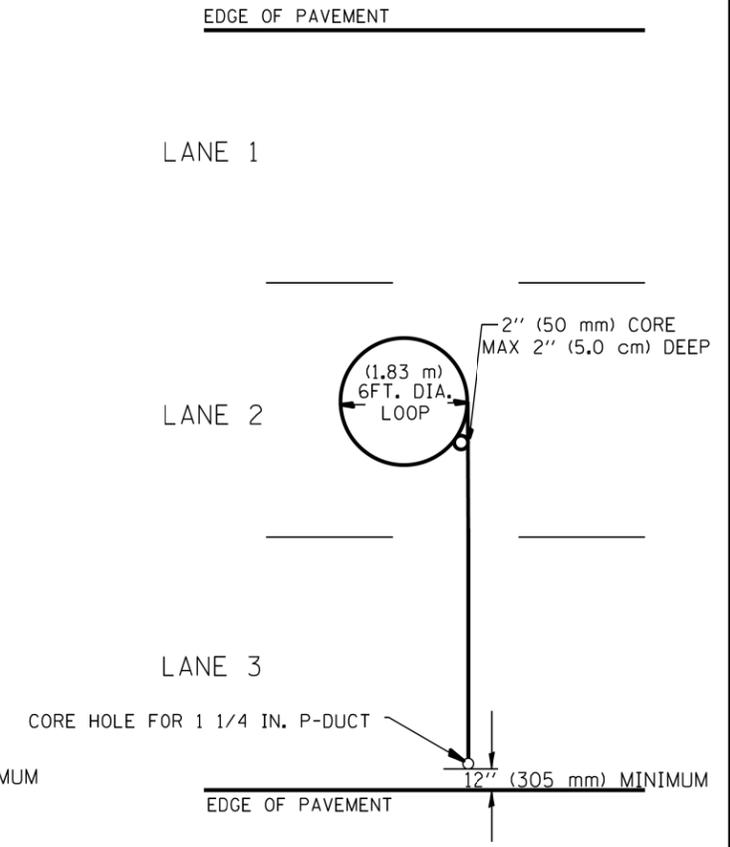
**TYPICAL 6' (1.83 m) DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY**



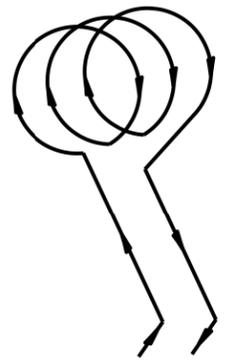
**TYPICAL 6' (1.83 m) DIA. INDUCTION LOOP
LAYOUT FOR LANE 2**



**TYPICAL 6' (1.83 m) DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY**



**TYPICAL 6' (1.83 m) DIA. INDUCTION LOOP
LAYOUT FOR LANE 2**



WIRING DETAILS

NOTES

1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 150' (45 m) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPLICED IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.

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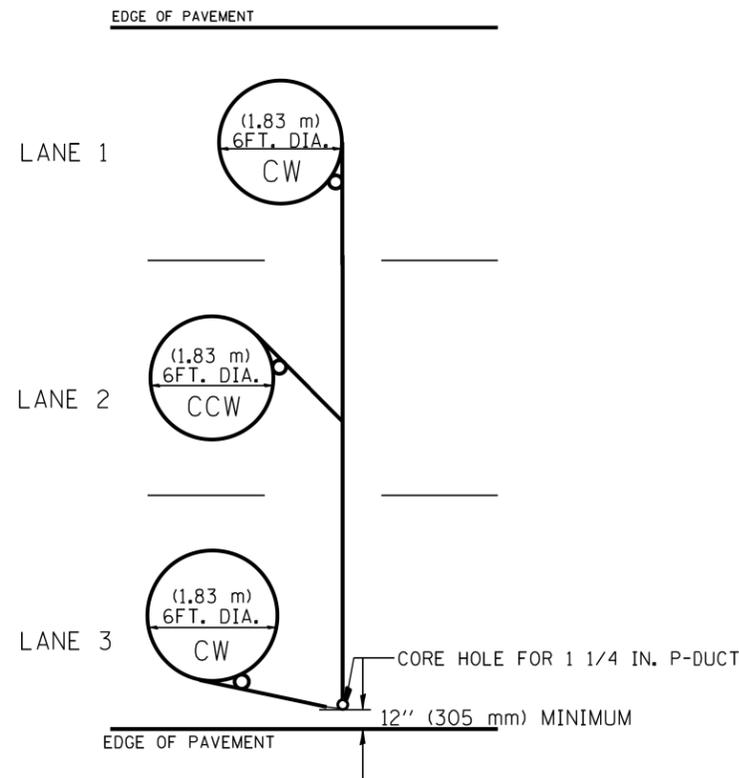
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING ROUND LOOP
INSTALLATION**

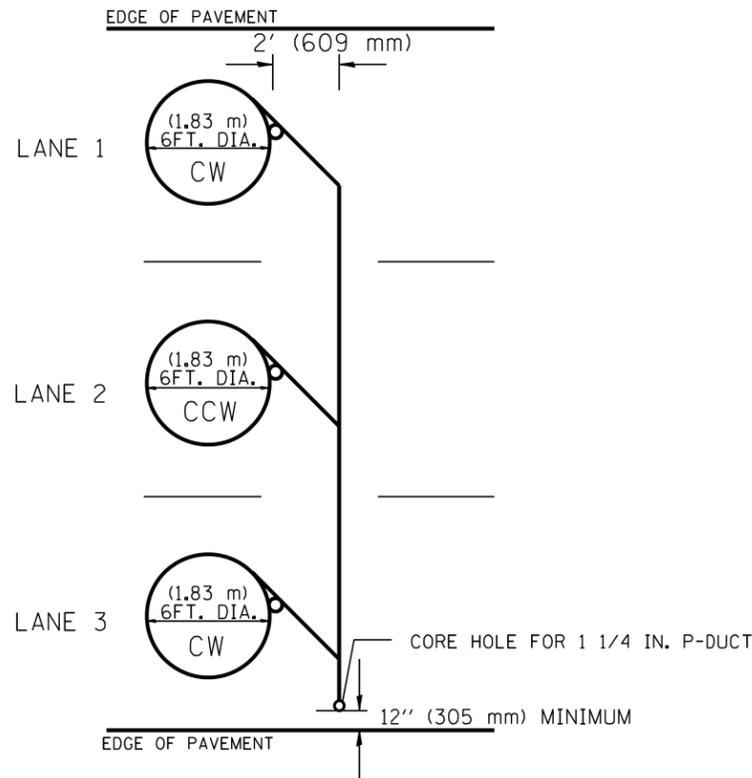
SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	245
CONTRACT NO. 60Y65				

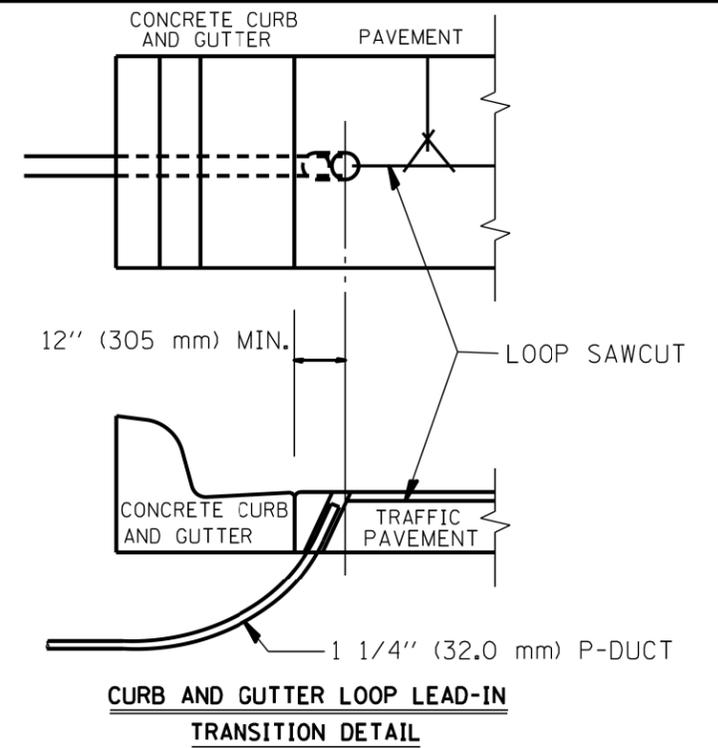
TRAFFIC SYSTEMS CENTER (TY-1TSC-418#1)



**TYPICAL 6FT. (1.83 m) DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY**



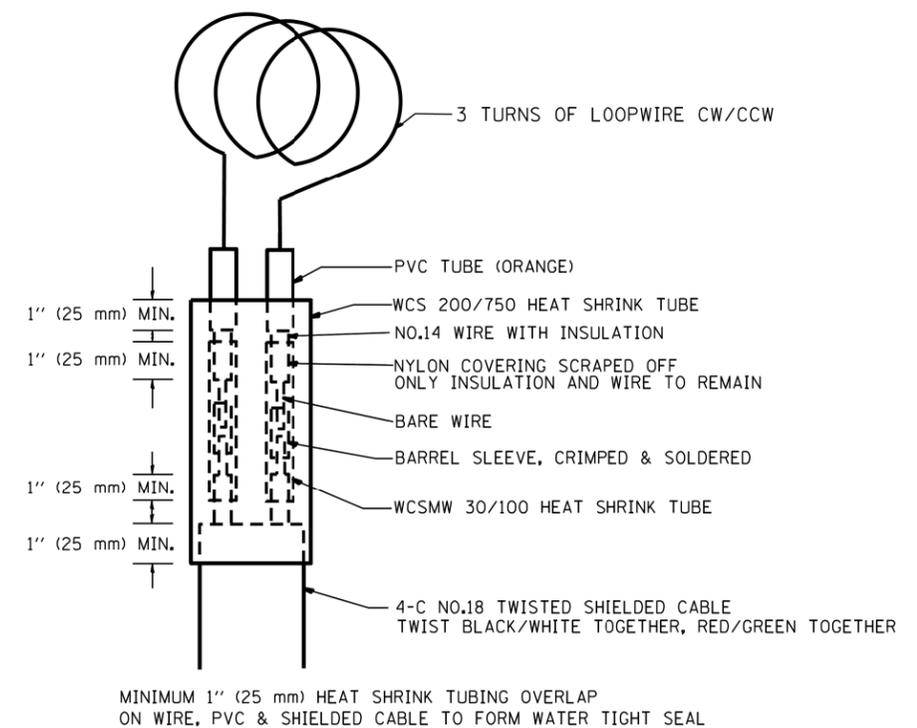
**TYPICAL 6FT. (1.83 m) DIA. INDUCTION LOOP CORE DRILL
LAYOUT FOR MULTIPLE LANE ROADWAY**



**CURB AND GUTTER LOOP LEAD-IN
TRANSITION DETAIL**

NOTES

1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 150FT. (45 m) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPLICED IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.



LOOP SPLICING REQUIREMENTS

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
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Default	PLOT DATE = 5/20/2016	CHECKED -	REVISED -
		DATE -	REVISED -

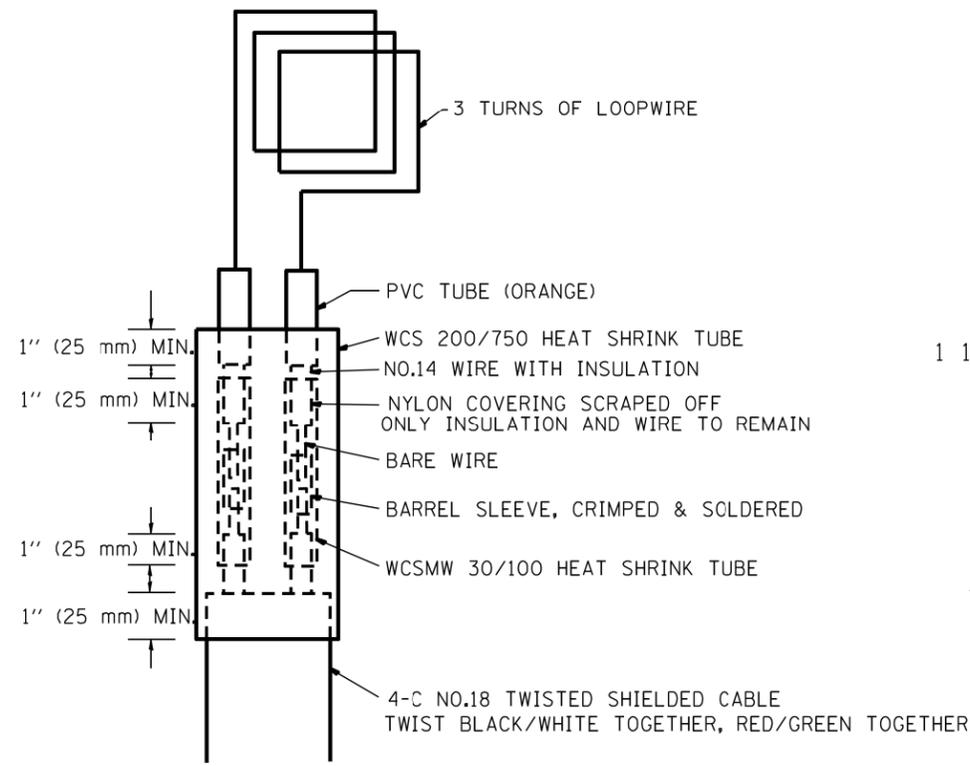
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING
ROUND INDUCTION LOOP
TYPICALS**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	246
CONTRACT NO. 60Y65				
ILLINOIS FED. AID PROJECT				

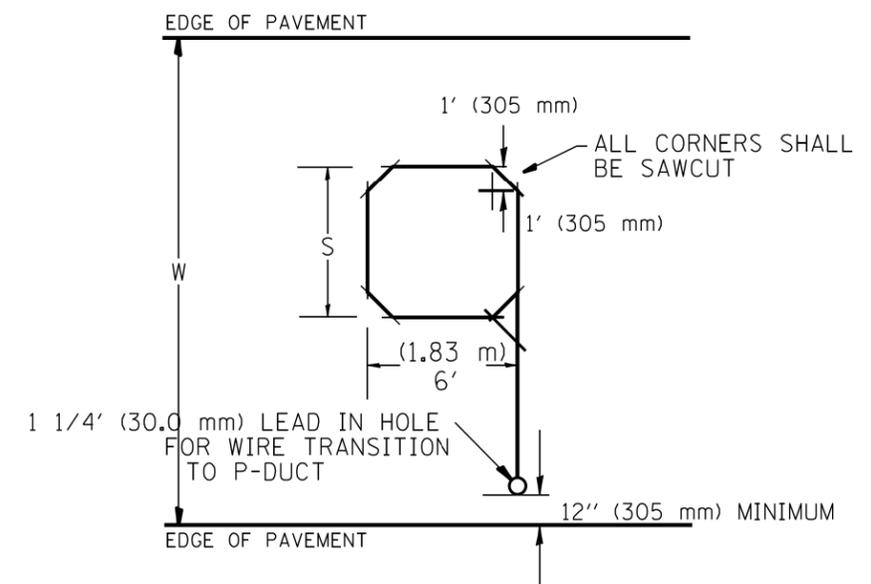
TRAFFIC SYSTEMS CENTER (TY-1TSC-418*2)



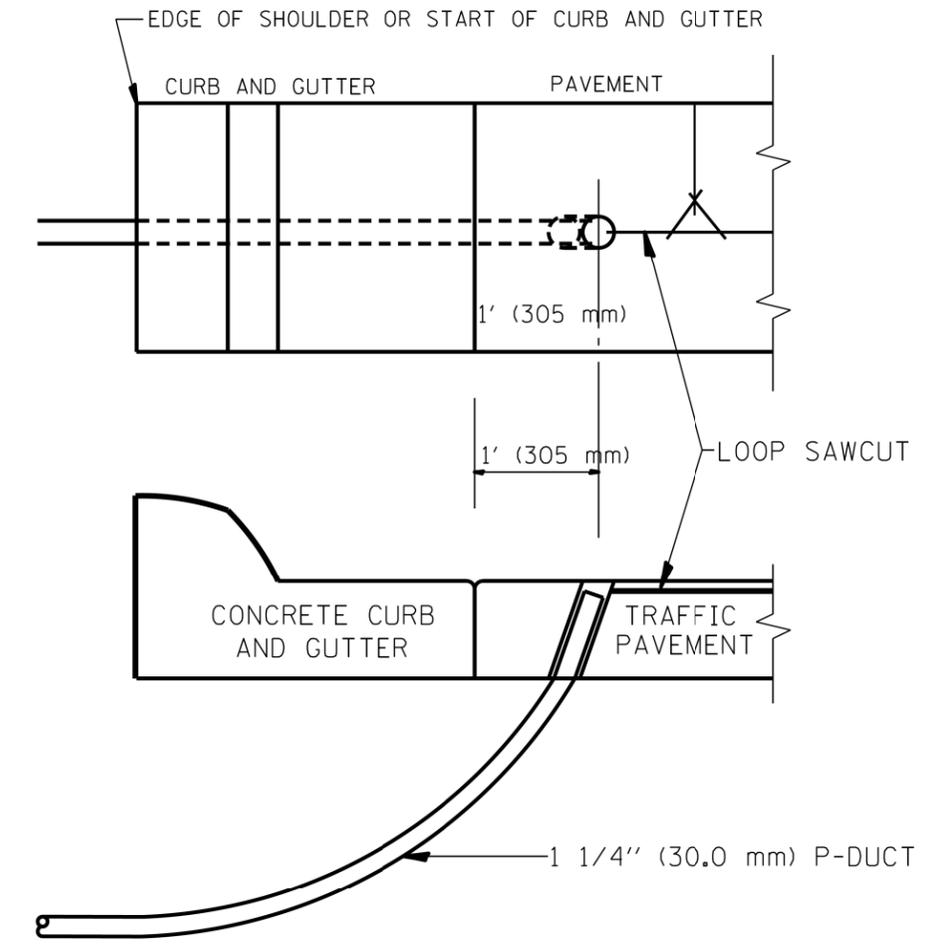
LOOP SPLICING REQUIREMENTS

MINIMUM 1" (25 mm) HEAT SHRINK TUBING OVERLAP ON WIRE, PVC & SHIELDED CABLE TO FORM WATER TIGHT SEAL

WIDTH (W)	WIDTH (S)
12' (3.7 m)	8' (2.5 m)
13' (4.0 m)	9' (2.8 m)
14' (4.3 m)	10' (3.1 m)
15' (4.6 m)	11' (3.4 m)
16' (4.9 m)	12' (3.7 m)
17' (5.2 m)	13' (4.0 m)
18' (5.5 m)	14' (4.3 m)
19' (5.8 m)	15' (4.6 m)
20' (6.1 m)	18' (4.9 m)
21' (6.4 m)	17' (5.2 m)
22' (6.7 m)	18' (5.5 m)
23' (7.0 m)	19' (5.8 m)
24' (7.3 m)	20' (6.1 m)
25' (7.6 m)	21' (6.4 m)



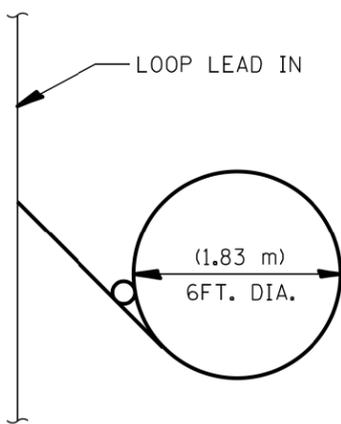
TYPICAL "S" FT. BY 6' (1.83 m) INDUCTION LOOP SAWCUT LAYOUT FOR RAMPS



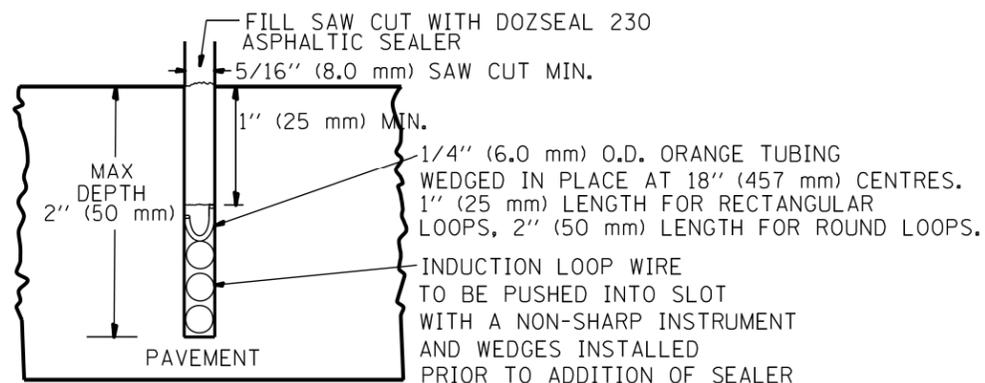
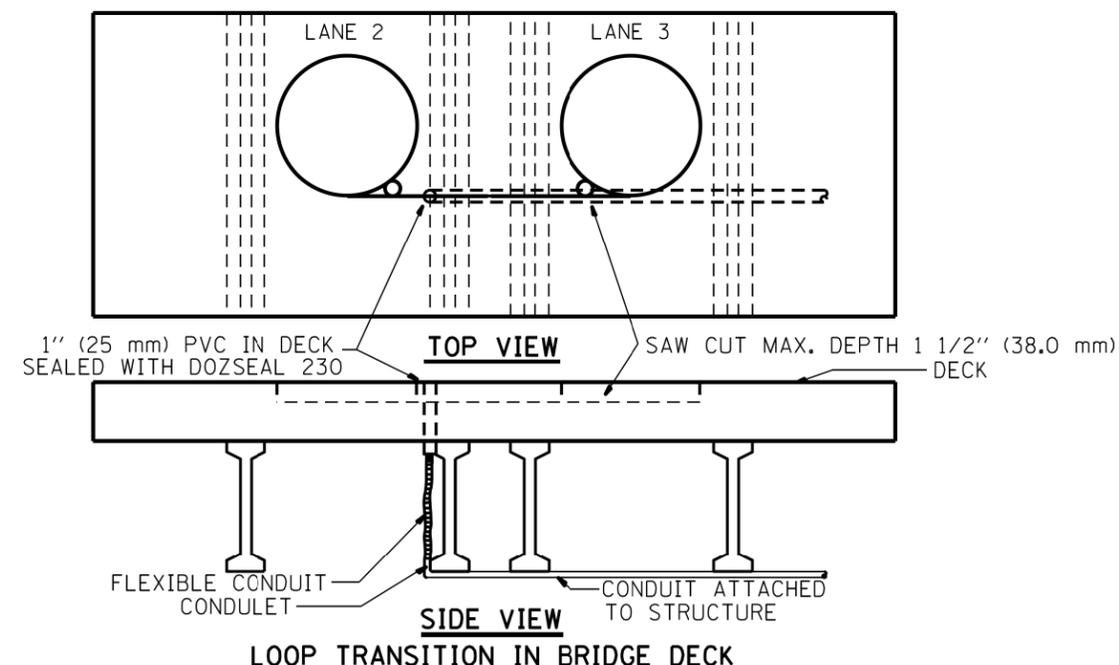
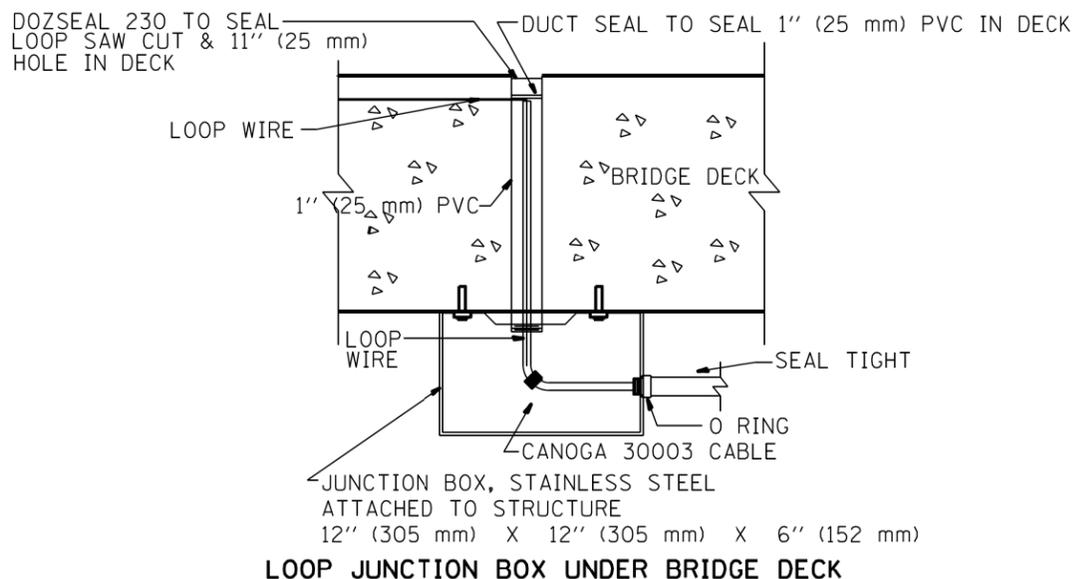
CURB AND GUTTER LOOP LEAD-IN TRANSITION DETAIL

NOTES

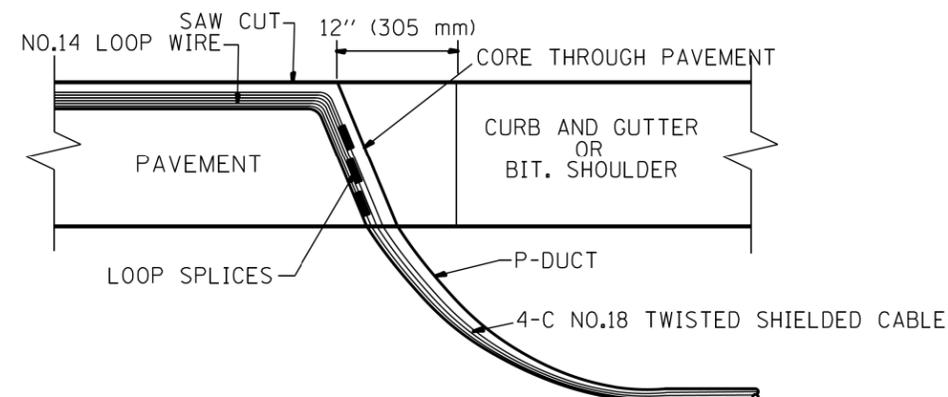
1. EACH LOOP SHALL BE SPLICED TO A 4-C NO.18 TWISTED SHIELDED LEAD IN WHEN 150' (45 m) OR MORE FROM CABINET.
2. LOOPS SHALL BE SPLICED IN HANDHOLES ONLY, OTHERWISE WRITTEN PERMISSION SHALL BE OBTAINED FROM TSC ENGINEER.
3. LOOPS SHALL NOT BE SPLICED IN SERIES.
4. EACH LOOP LEAD IN SHALL BE IDENTIFIED AND PERMANENTLY COLOR CODED IN THE COREHOLE, HANDHOLE & CABINETS THRU WHICH THEY ENTER OR PASS AND TAGGED WITH THE CORRECT NOMENCLATURES.



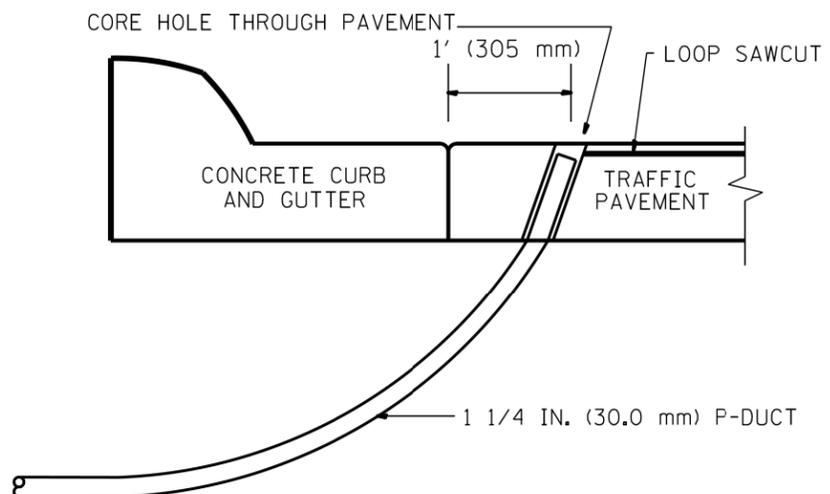
TYPICAL LOOP SAWCUT LAYOUT



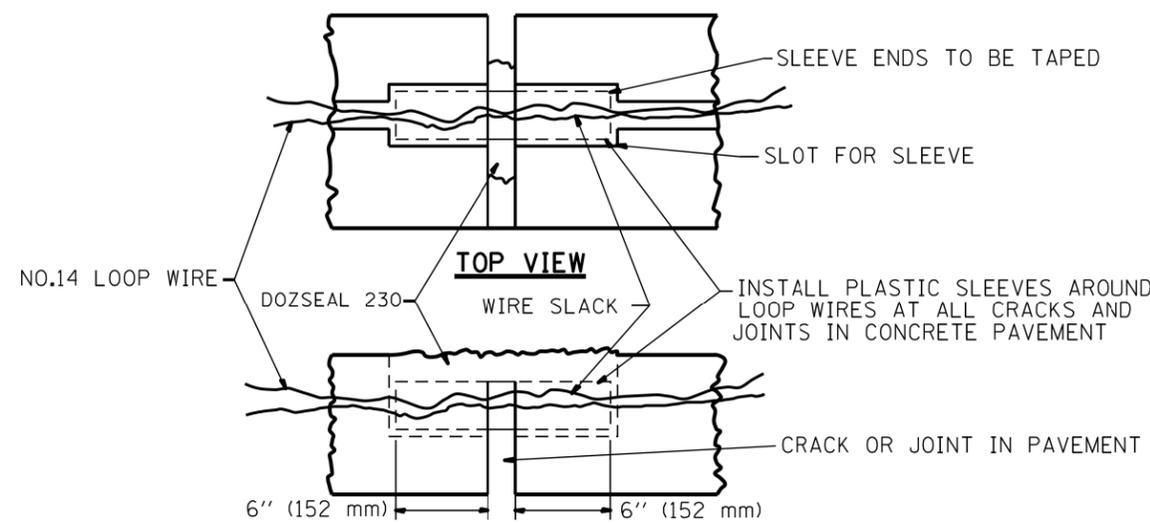
LOOP CROSS SECTION IN PAVEMENT



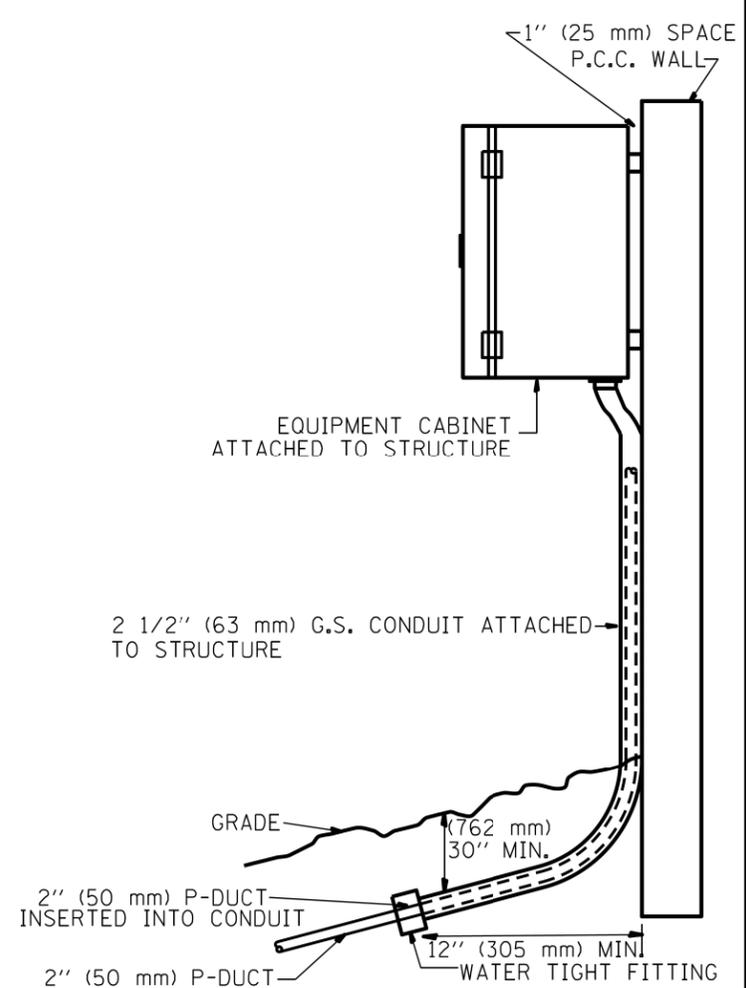
MULTIPLE LOOP SPLICING



SIDE SECTION LOOP LEAD-IN TRANSITION DETAIL

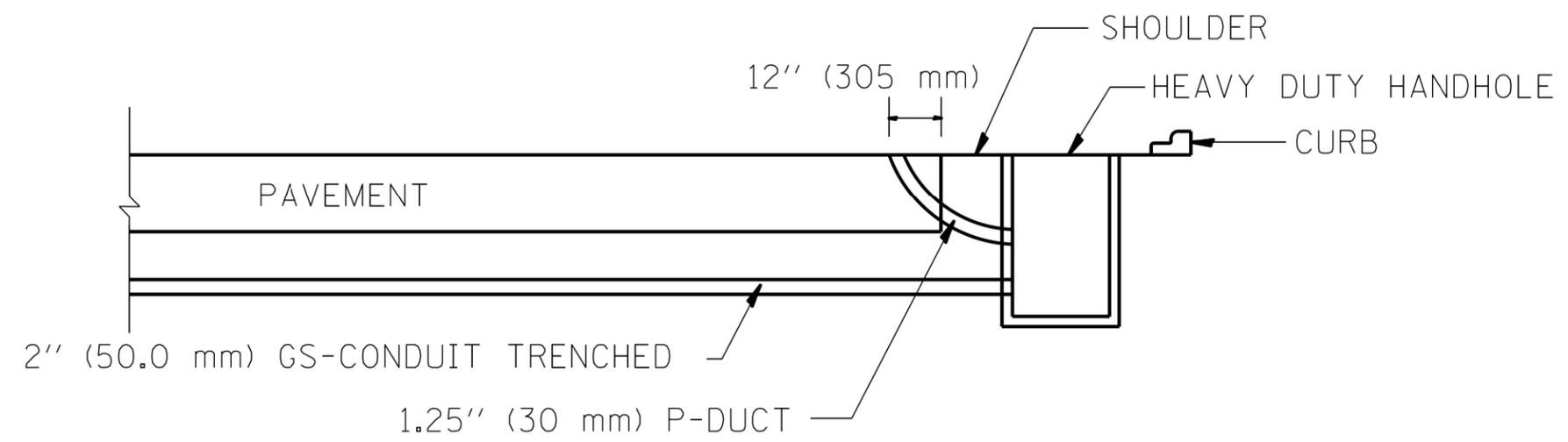
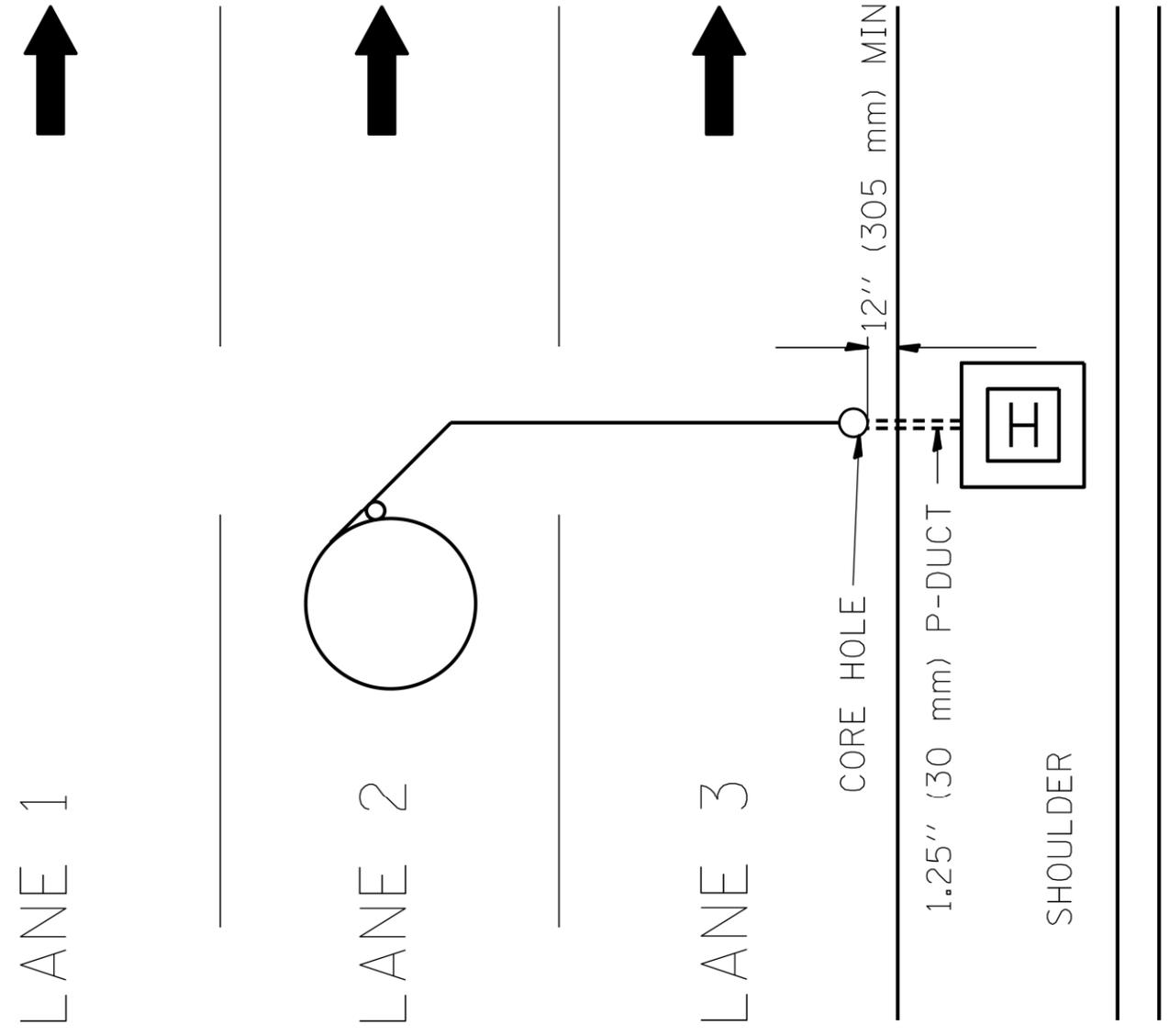


PAVEMENT CRACK TRANSVERSE SLEEVE



POLYETHYLENE DUCT/GS. CONDUIT TRANSITION

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOOP, CONDUIT & DUCT INSTALLATION DETAILS			F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI44814\Design\DI44814-sht-cover.dgn		DRAWN	REVISED -					55	2014-079 RS, BR&T	WILL/DP/COOK	265	248
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					CONTRACT NO. 60Y65				
	PLOT DATE = 5/20/2016	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



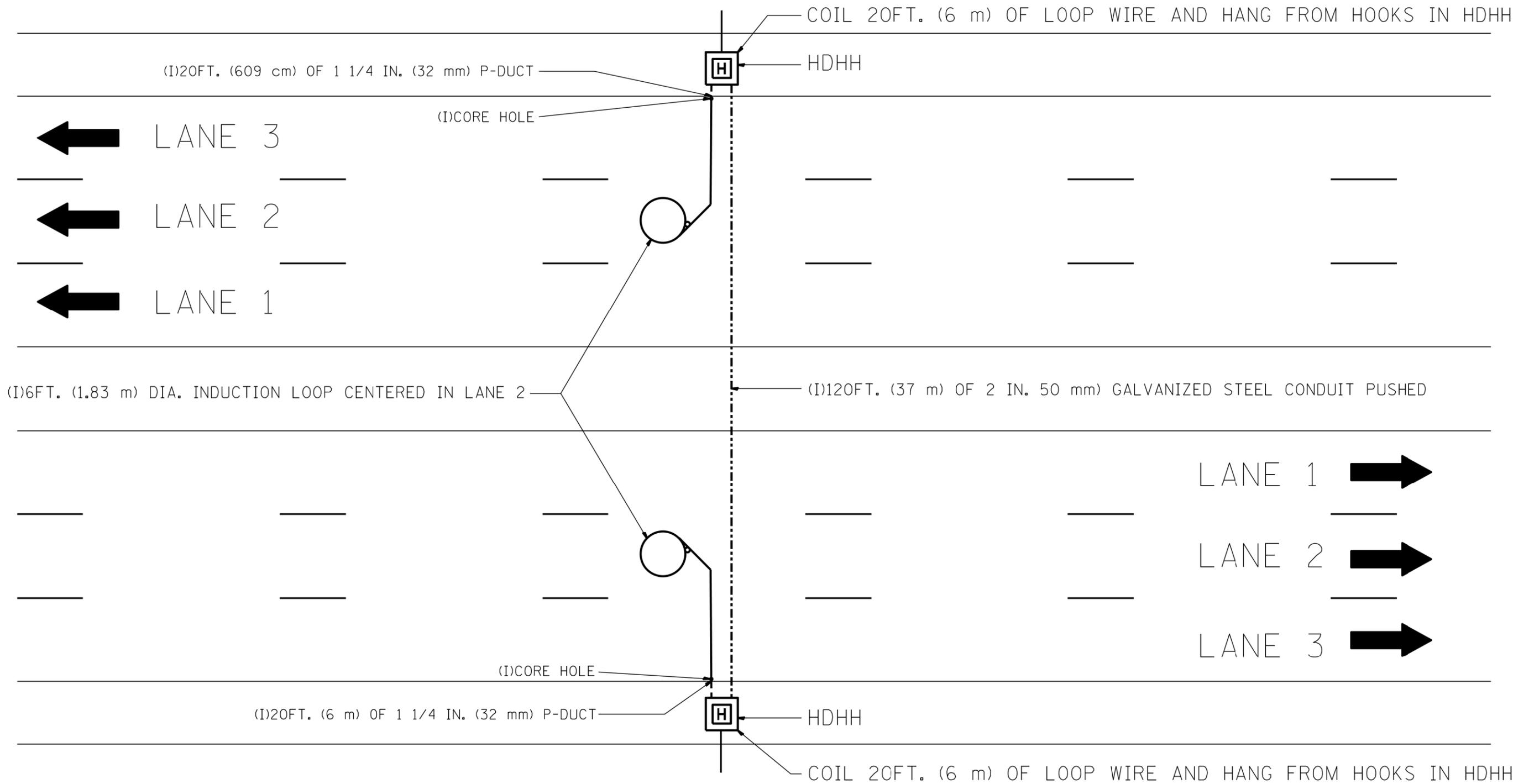
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Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DIVE HOLE DUCT SYSTEM

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	250
CONTRACT NO. 60Y65				
ILLINOIS FED. AID PROJECT				



NOTE:

THE COST OF LOOP WIRE IN HDHH IS INCIDENTAL TO THE INDUCTION LOOP.
IT SHALL NOT BE MEASURE FOR PAYMENT.

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ONE LANE COUNT STATION	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI448\Drawings\Design\DI44814-sht-cover.dgn	DRAWN	REVISION	REVISION			55	2014-079 RS, BR&T	WILL/DP/COOK	265	251	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 60Y65					
	PLOT DATE = 5/20/2016	DATE -	REVISED -			SCALE: NONE	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

COIL 20FT. (6 m) OF LOOP WIRE AND HANG FROM HOOKS IN HDHH

HDHH WITH STUB OUT 1FT. (30.48 cm) PAST EDGE OF SHOULDER

10FT. (3 m) OF 1 1/4 IN. (32 mm) (P-DUCT(TRENCHED))



LANE 3



LANE 2

2IN. (50 mm) GALVANIZED STEEL CONDUIT PUSHED



LANE 1

COIL 20FT. (6M) OF LOOP WIRE AND HANG FROM HOOKS IN HDHH

2IN. (50 mm) GALVANIZED STEEL CONDUIT PUSHED

(1)6FT. DIA. (1.83 m) INDUCTION LOOP CENTERED IN EACH LANE

COIL 20FT. (6M) OF LOOP WIRE AND HANG FROM HOOKS IN HDHH

2IN. (50 mm) GALVANIZED STEEL CONDUIT PUSHED

LANE 1



LANE 2



LANE 3



HDHH WITH STUB OUT 1FT. (30.48 cm) PAST EDGE OF SHOULDER

CORE HOLE

10FT. (3 m) OF 1 1/4 IN. (30.0 mm) P-DUCT(TRENCHED)

COIL 20FT. (6 m) OF LOOP WIRE AND HANG FROM HOOKS IN HDHH

NOTE:

THE COST OF LOOP WIRE IN HDHH IS INCIDENTAL TO THE INDUCTION LOOP.
IT SHALL NOT BE MEASURED FOR PAYMENT.

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI4814\Drawings\Design\DI4814-sht-cover.dgn		CHECKED -	REVISED -
Default	PLOT DATE = 5/20/2016	DATE -	REVISED -

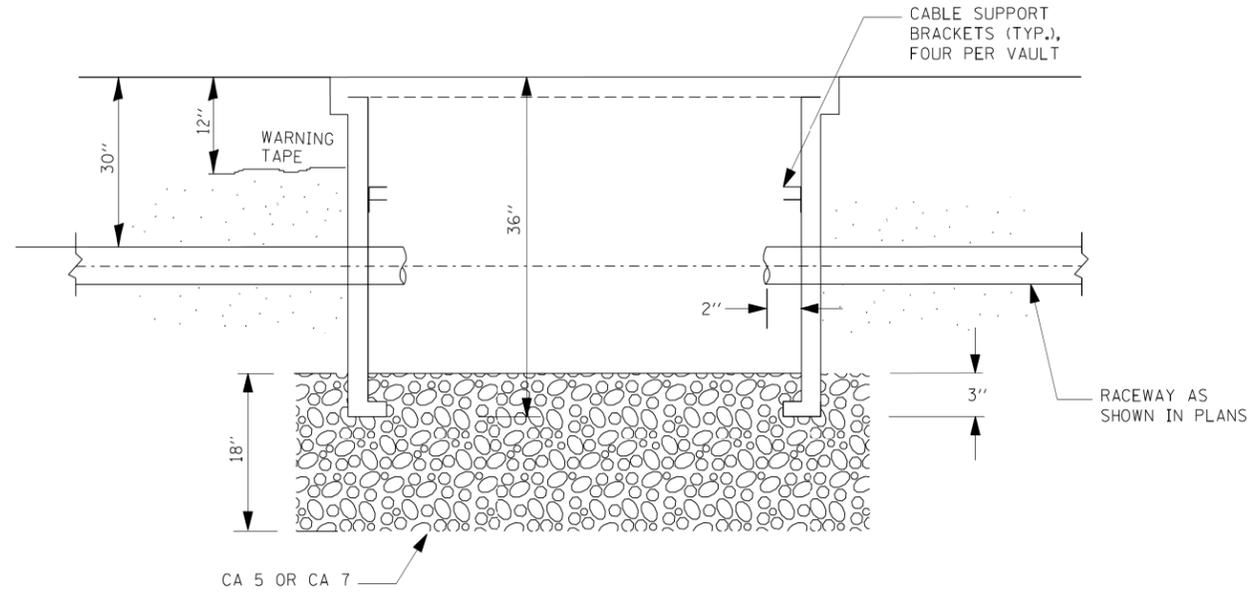
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**3 LANE COUNT STATION
(DIFFERENT DIRECTIONS)**

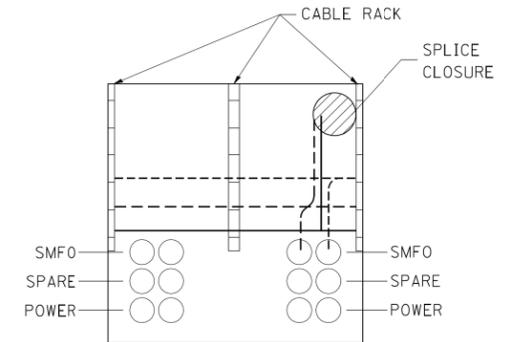
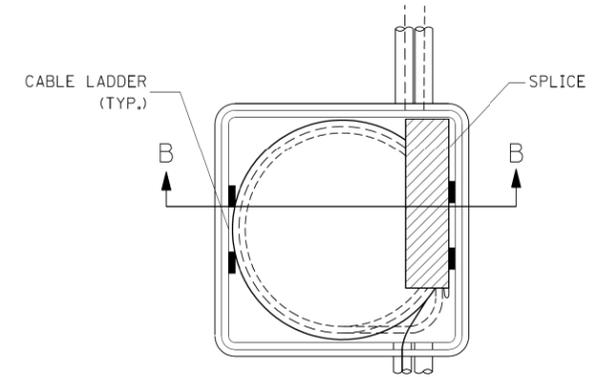
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	252
CONTRACT NO. 60Y65			ILLINOIS FED. AID PROJECT	

SCALE: NONE SHEET OF SHEETS STA. TO STA.

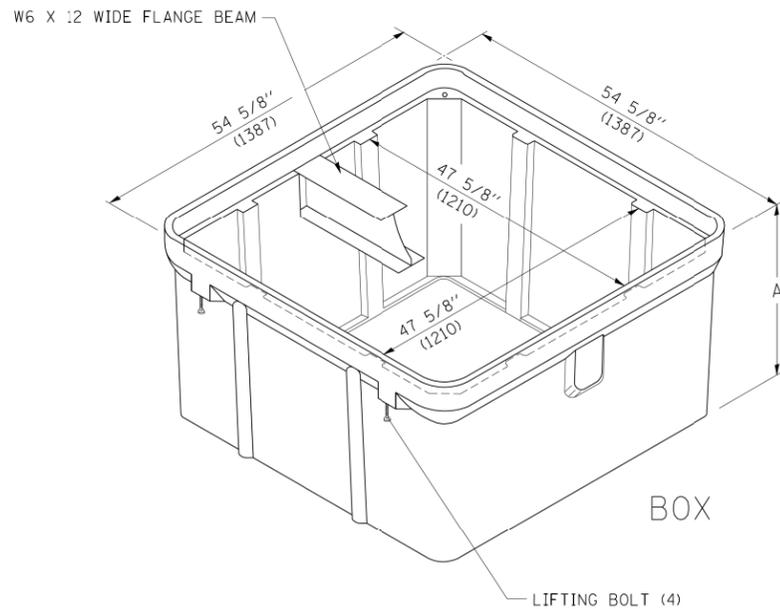
TRAFFIC SYSTEMS CENTER (TY-1TSC-400*32A)



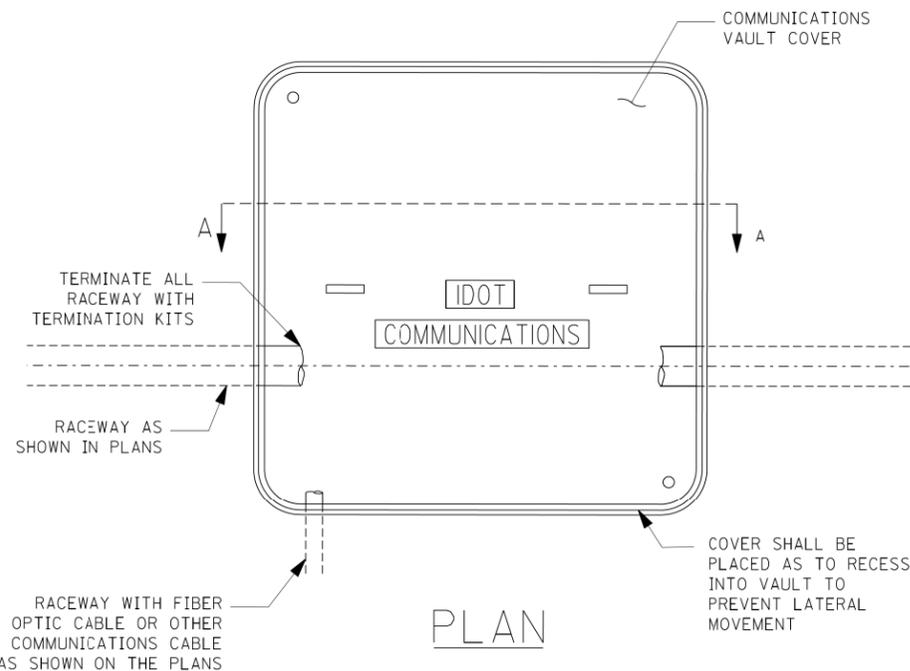
SECTION A-A



SECTION B-B



ISOMETRIC



PLAN

NOTES:

1. BOX SHALL HAVE AN OPEN BASE.
2. COVER SHALL WITHSTAND A 22,500/33,750 DESIGN/TEST LOADING AND SHALL LOCK.
3. ALL OPENINGS IN STRUCTURE MUST BE MACHINED AT TIME OF FABRICATION OR PUNCH DRIVEN AT TIME OF PLACEMENT, IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS.
4. FIELD PLACEMENT OF COMMUNICATIONS VAULT SHALL BE AS DIRECTED BY THE ENGINEER.
5. ALL DIMENSIONS ARE MINIMUM AND A LARGER SIZE HANDHOLE MAY BE USED, WITH THE APPROVAL OF THE ENGINEER, TO FACILITATE USING A MANUFACTURER'S STANDARD PRODUCT.

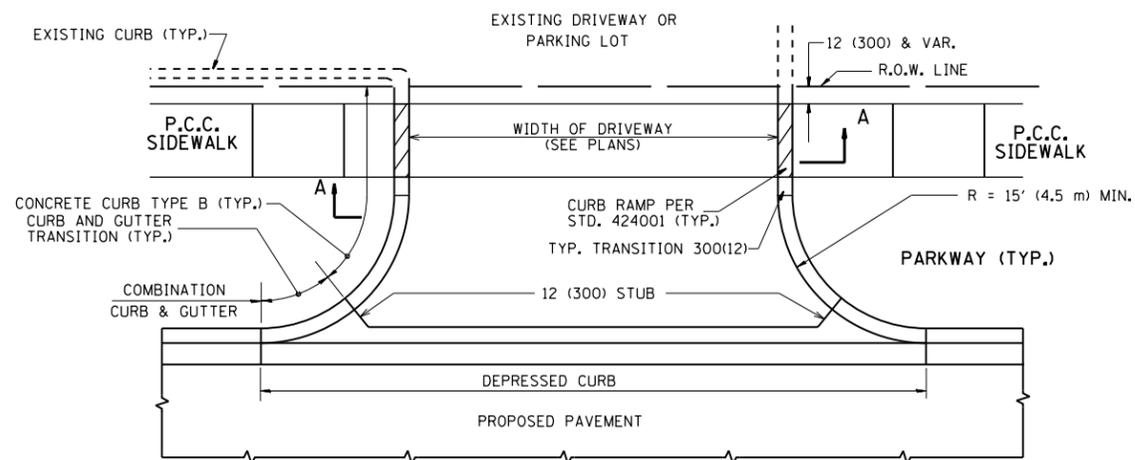
FILE NAME =	USER NAME = parayno1	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\DI484\Design\DI484-sht-cover.dgn		DRAWN -	REVISED -
Default	PLOT DATE = 5/20/2016	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

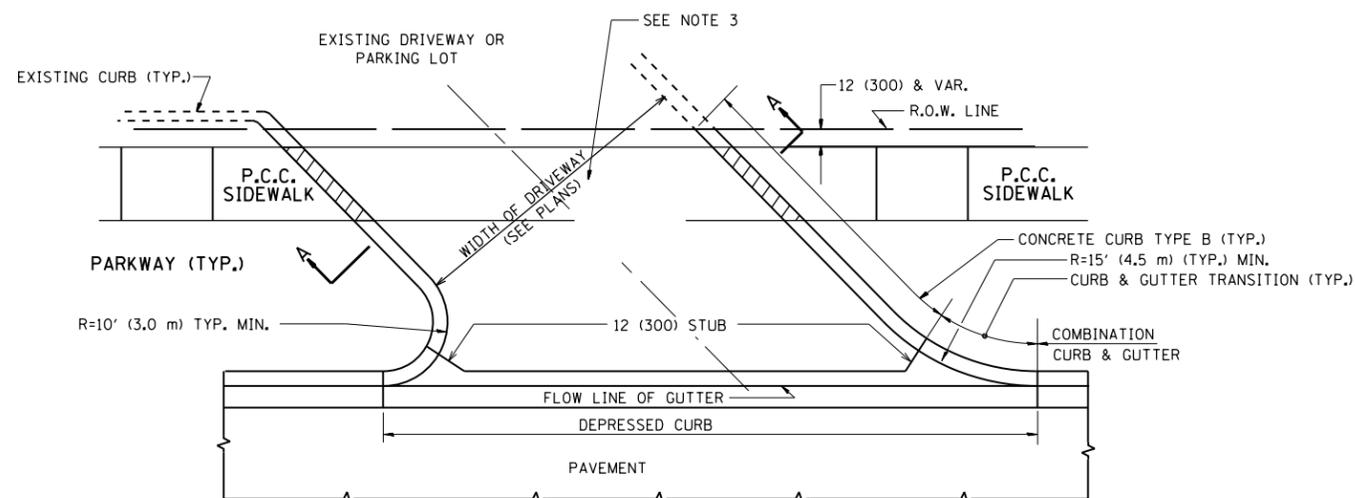
COMMUNICATIONS VAULT, COMPOSITE CONCRETE

SCALE: NONE SHEET OF SHEETS STA. TO STA.

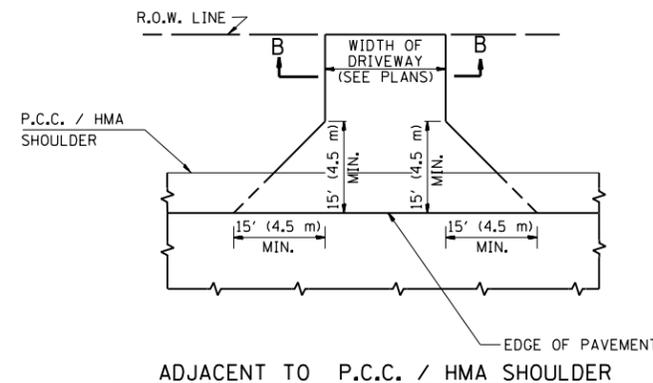
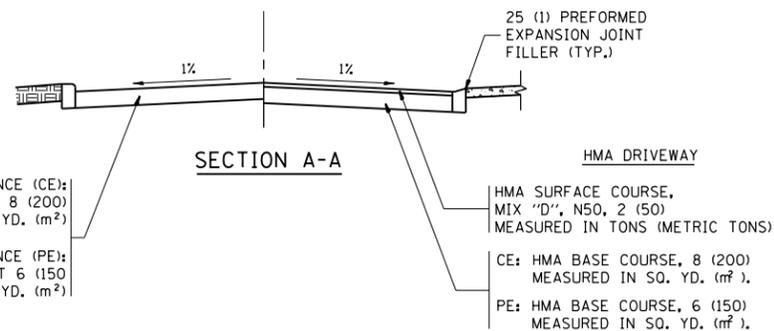
F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DP/COOK	265	253
CONTRACT NO. 60Y65				
ILLINOIS FED. AID PROJECT				



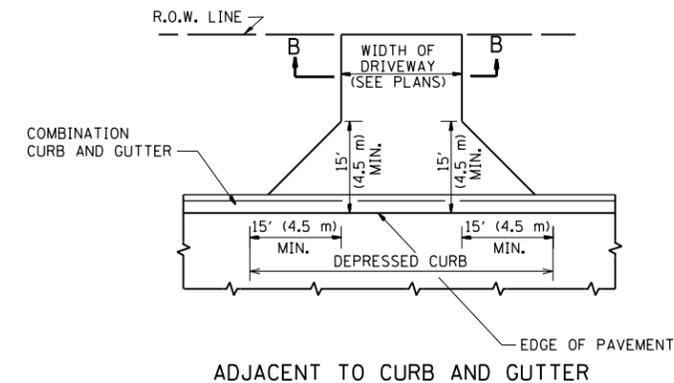
WITH CONCRETE CURB, TYPE B



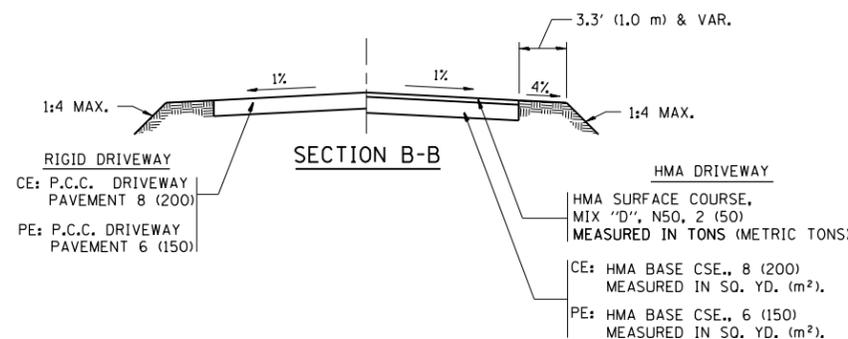
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



RURAL FIELD ENTRANCE (FE)

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

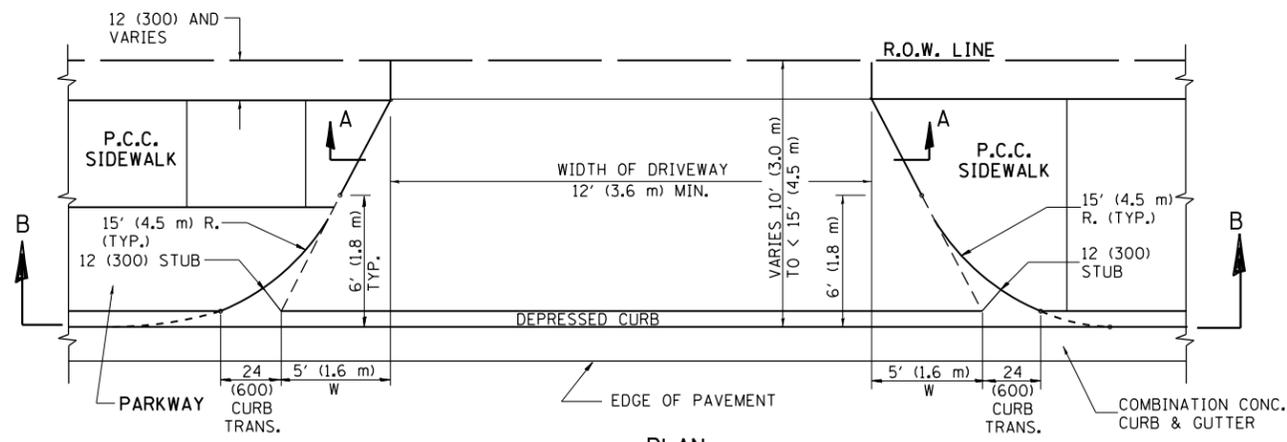
FILE NAME =	USER NAME = paraynoal	DESIGNED - R. SHAH	REVISED - P. LaFLUER 04-15-03
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI4814\Drawings\Design\DI4814-sht-plen.dgn		CHECKED -	REVISED - R. BORO 01-01-07
PLOT SCALE = 100.0002' / 1"		DATE - 11-04-95	REVISED - R. BORO 06-11-08
PLOT DATE = 5/20/2016			REVISED - R. BORO 09-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

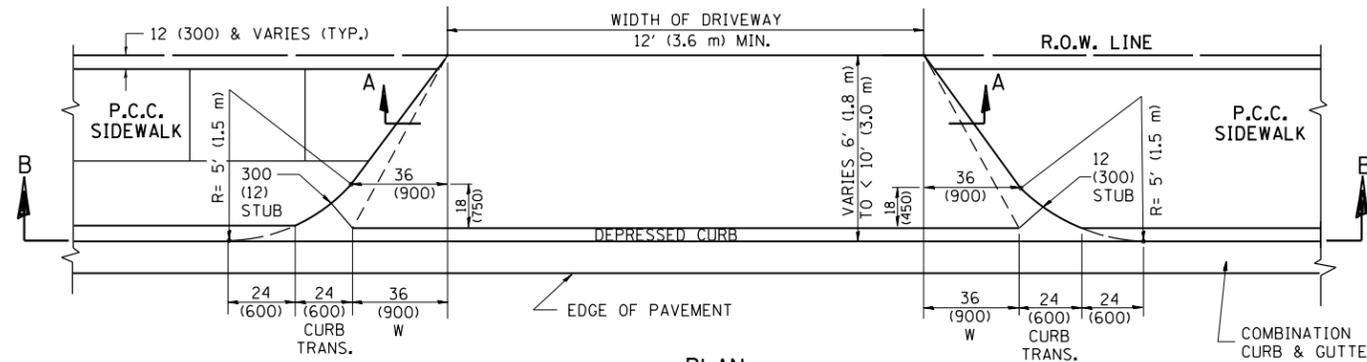
DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W.
AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)

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

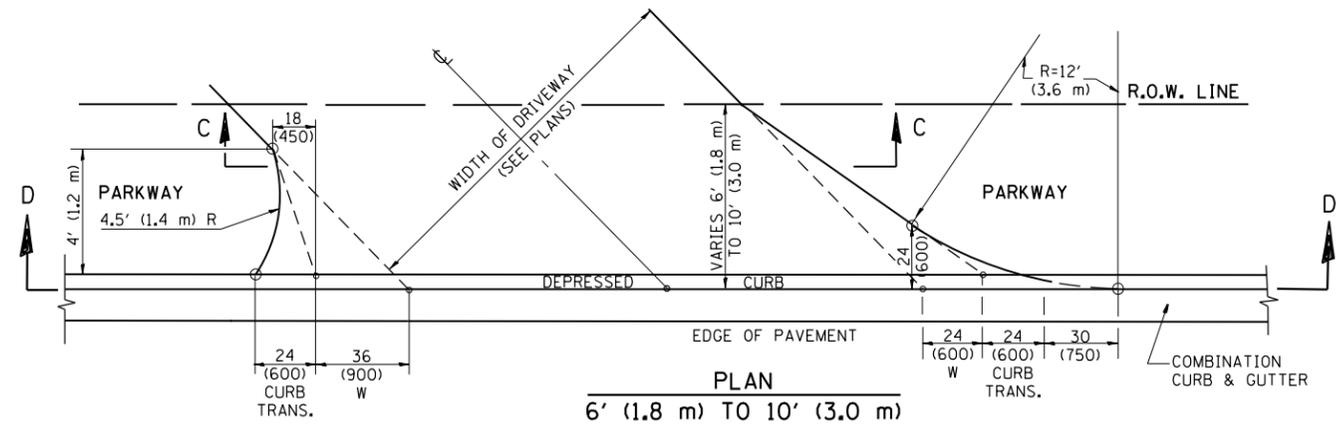
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DUPAGE	265	254A
BD0156-07 (BD-01)		CONTRACT NO. 60Y65		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



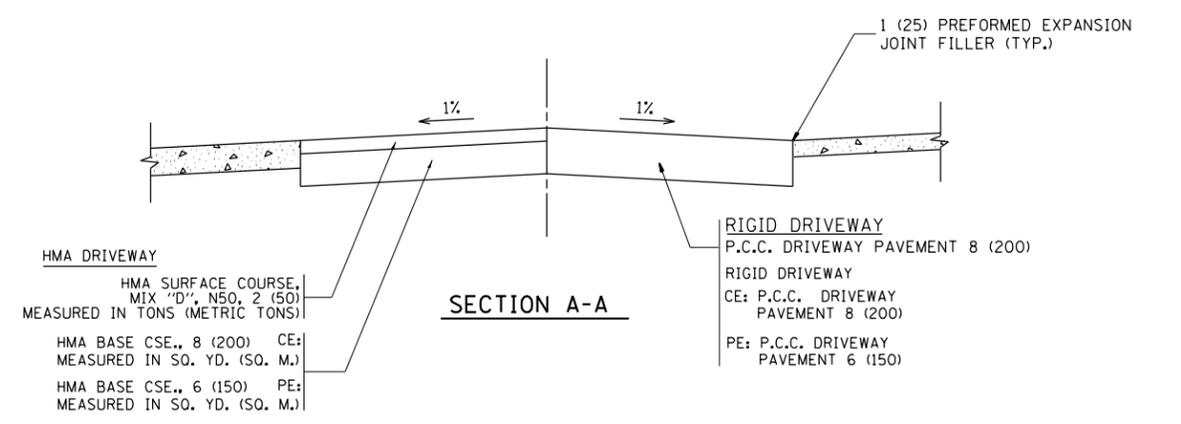
PLAN
10' (3.0 m) TO < 15' (4.5 m)



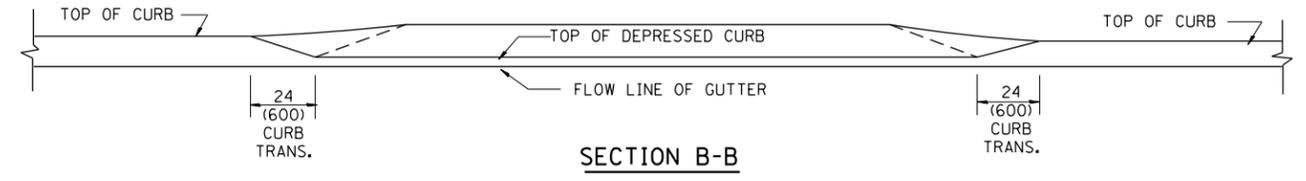
PLAN
6' (1.8 m) TO < 10' (3.0 m)



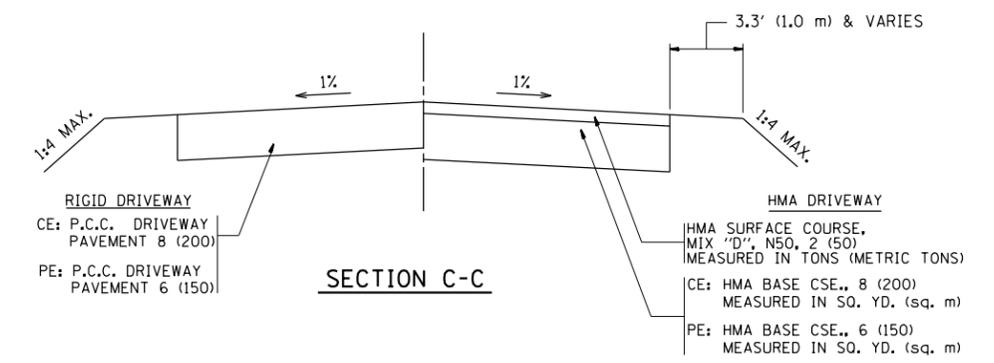
PLAN
6' (1.8 m) TO 10' (3.0 m)



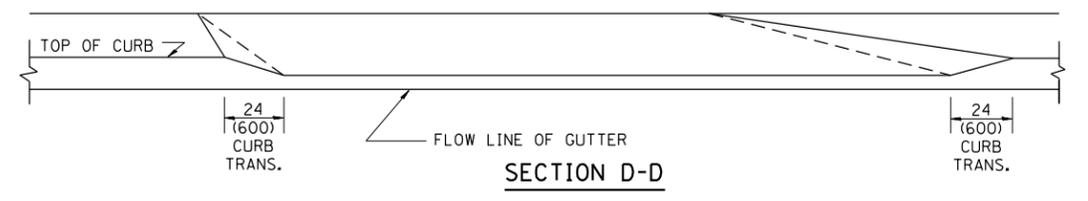
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

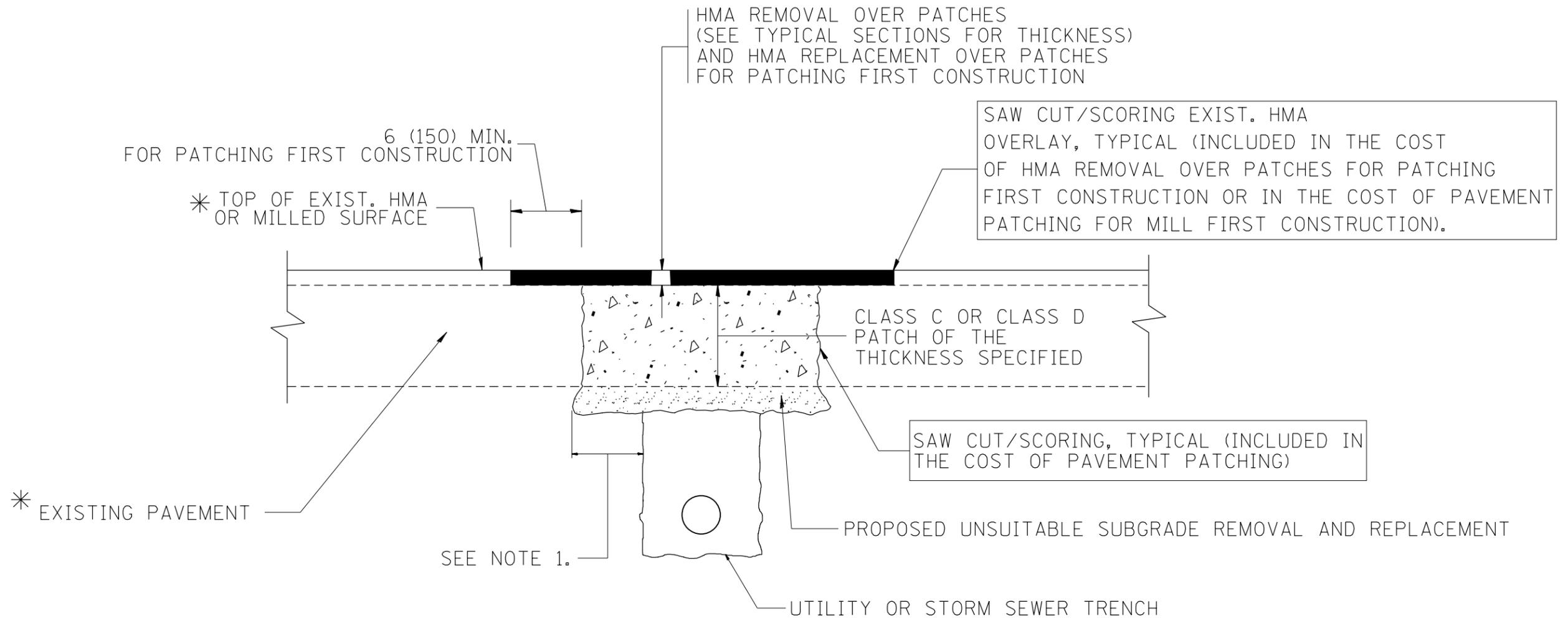
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = parayno1	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
pw\1\084EBIDINTEG.illinois.gov\PIWIDOTDocuments\IDOT Offices\District 1\Projects\014484\Design\014484-sht-plen.dgn		CHECKED - P. LaFLEUR 04-15-03	REVISED - R. BORO 01-01-07
		DATE - 11-06-95	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS	
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DUPAGE	265	254B
BD400-02 (BD-02)			CONTRACT NO. 60Y65	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

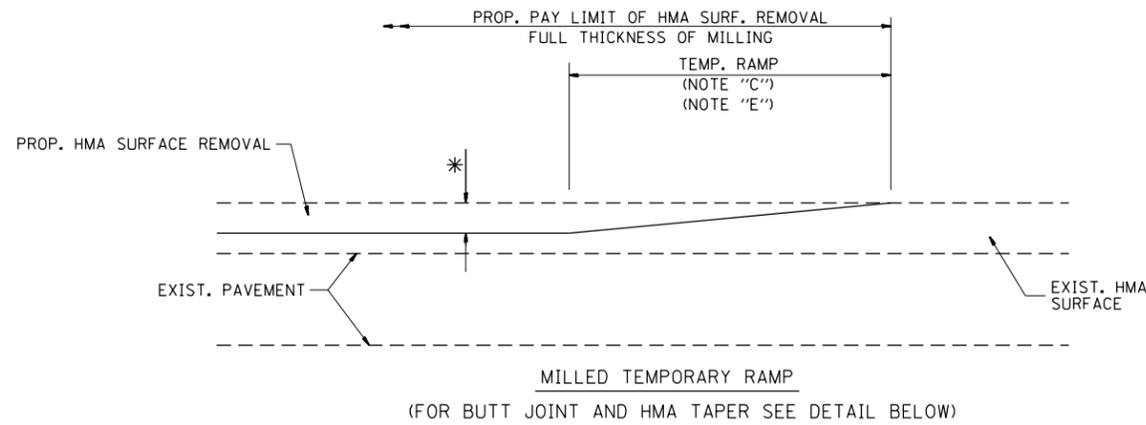
1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

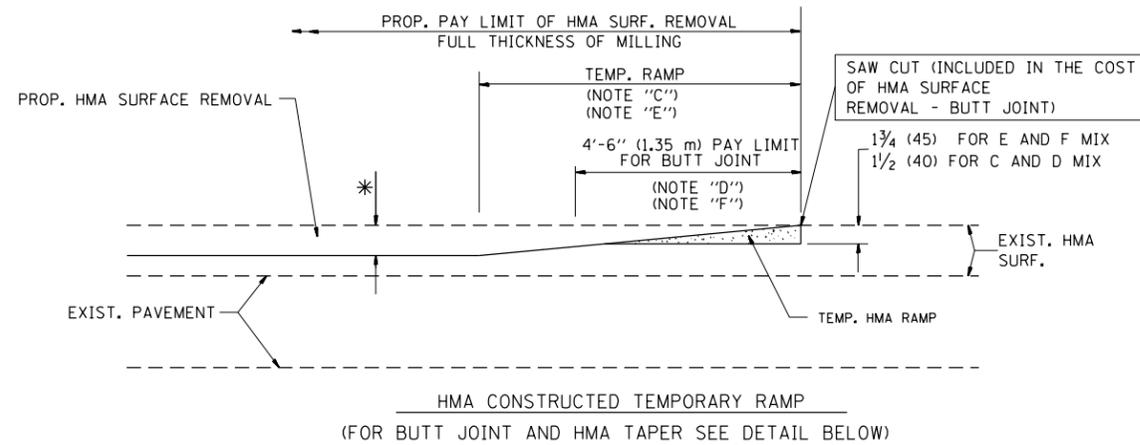
1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

FILE NAME =	USER NAME = paraynoal	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\1448\Drawings\Design\144814-sht-plen.dgn	PLLOT SCALE = 100.0002' / 1in.	CHECKED -	REVISED - R. BORO 01-01-07					55	2014-079 RS, BR&T	WILL/DUPAGE	265	254C
	PLOT DATE = 5/20/2016	DATE - 10-25-94	REVISED - R. BORO 09-04-07		BD400-04 (BD-22)			CONTRACT NO. 60Y65				
			REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

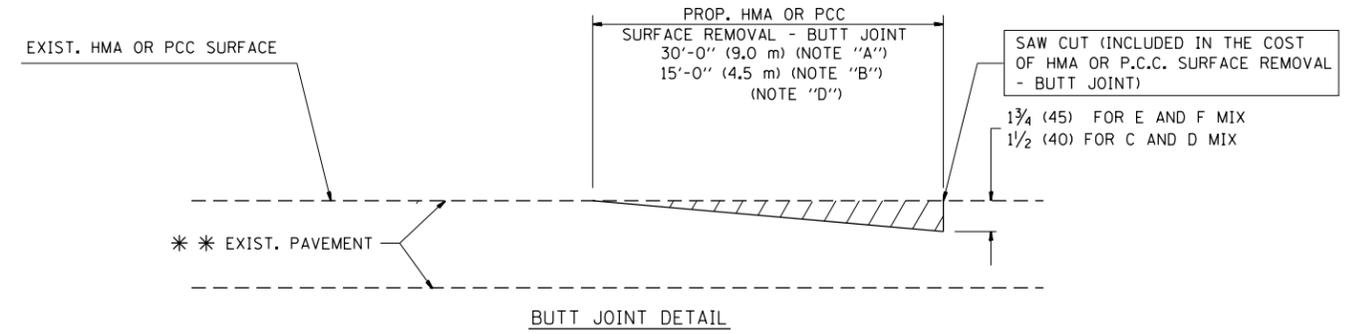


OPTION 1

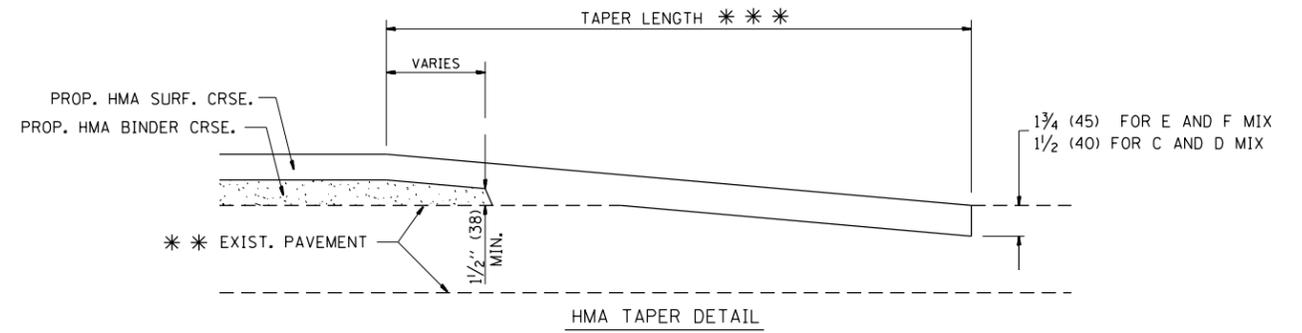


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

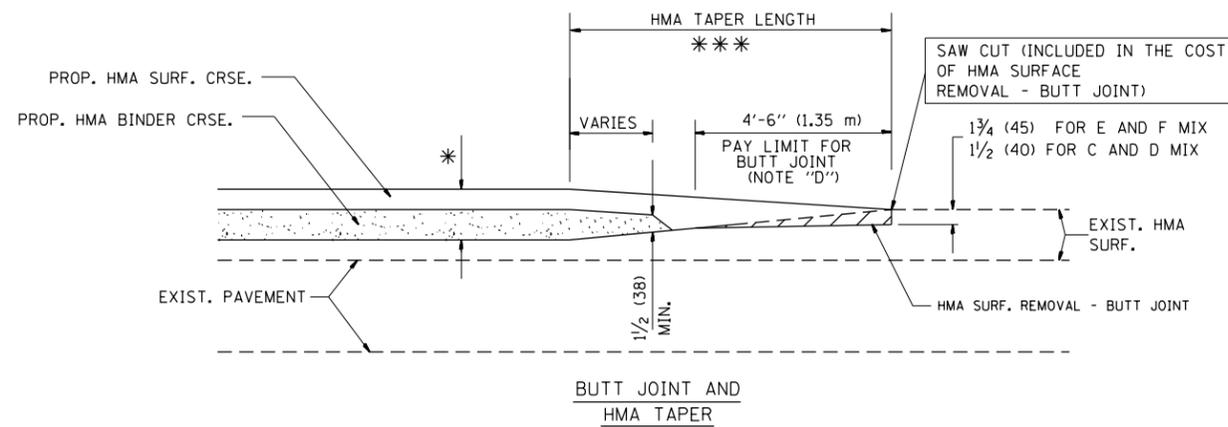
NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
 - B: MINOR SIDE ROADS.
 - C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
 - D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
 - E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
 - F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT
 - G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
- * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



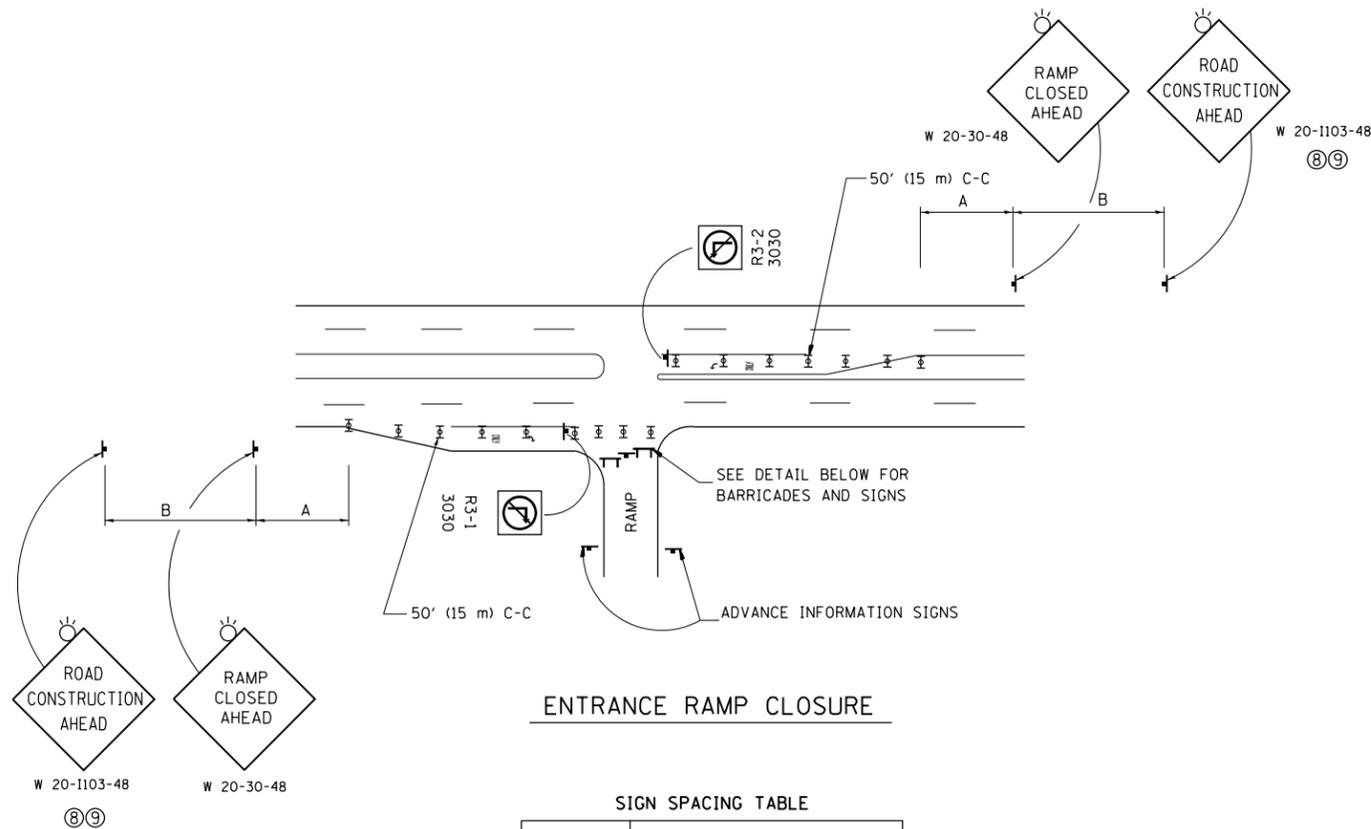
TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

FILE NAME =	USER NAME = paraynoal	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
p:\1\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\014484\Design\014484-sht-plen.dgn	DRAWN	REVISION	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 100.0002' / 1"	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 5/20/2016	DATE - 06-13-90	REVISED - R. BORO 01-01-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BUTT JOINT AND HMA TAPER DETAILS	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DUPAGE	265	255
BD400-05 BD32		CONTRACT NO. 60Y65		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

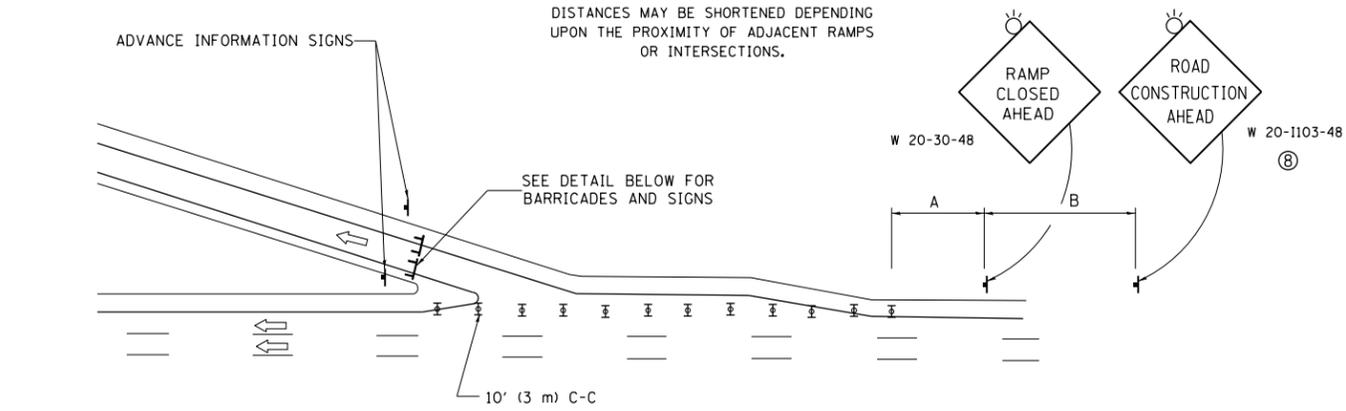


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY <24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

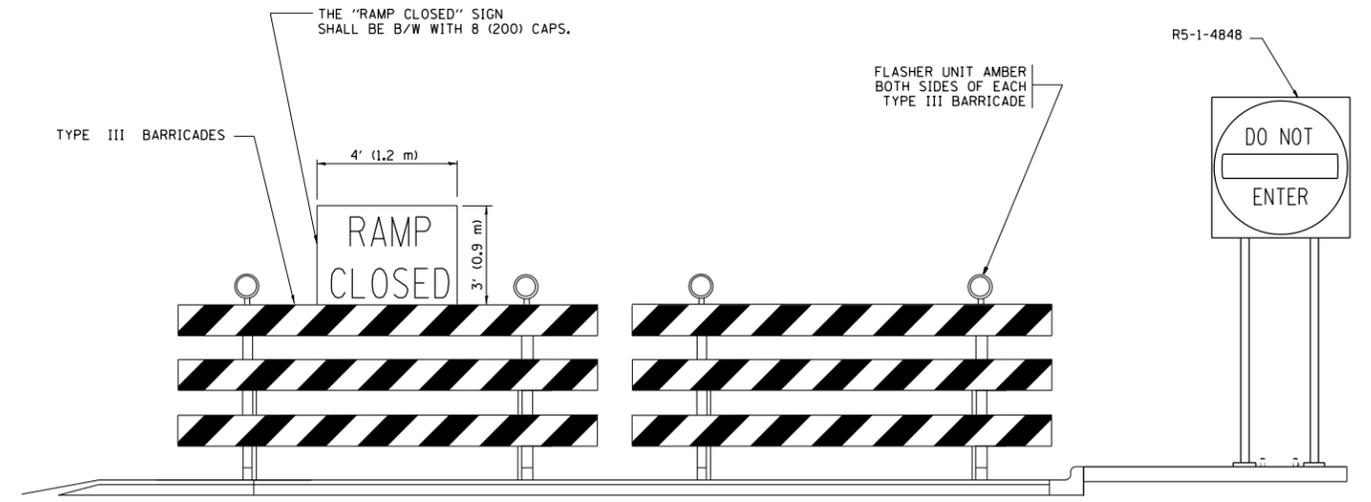
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

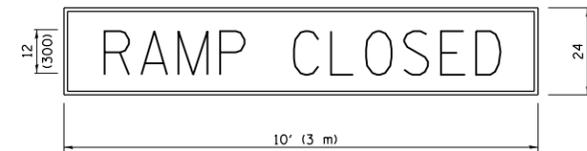
SYMBOLS

- ⊥ TYPE II BARRICADE OR DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- ⊓ TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS

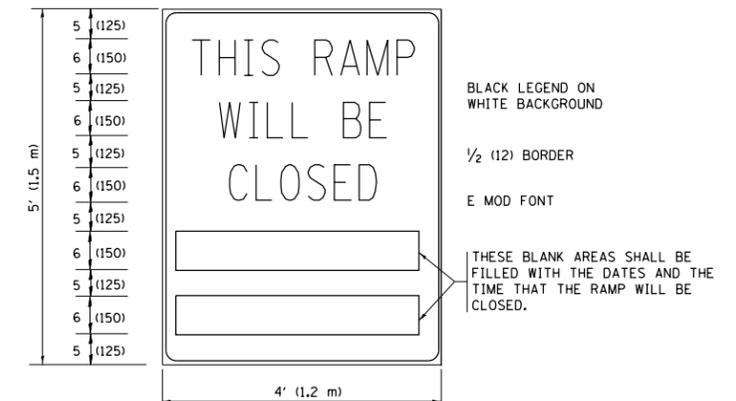
RAMP CLOSURE ADVANCE WARNING SIGN



BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY
E MOD FONT
1 (25) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

RAMP CLOSURE ADVANCE INFORMATION SIGN



BLACK LEGEND ON WHITE BACKGROUND
1/2 (12) BORDER
E MOD FONT

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

GENERAL NOTES:

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

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

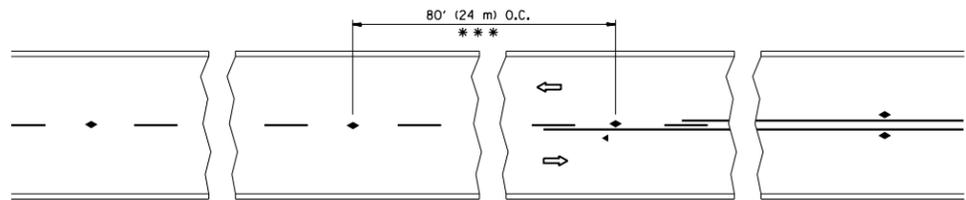
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		DATE - 02-83	REVISED - SPB 12-09
			REVISED - MD 06-13

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE AND EXIT RAMP
CLOSURE DETAILS**

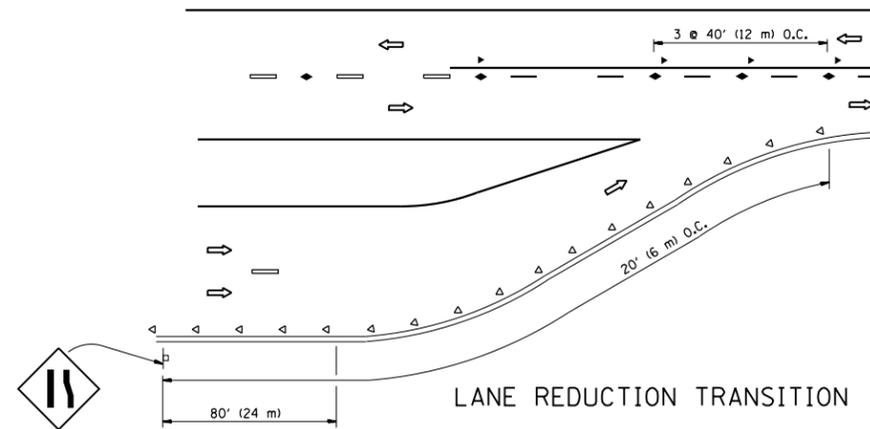
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DUPAGE	265	256
TC-08			CONTRACT NO. 60Y65	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

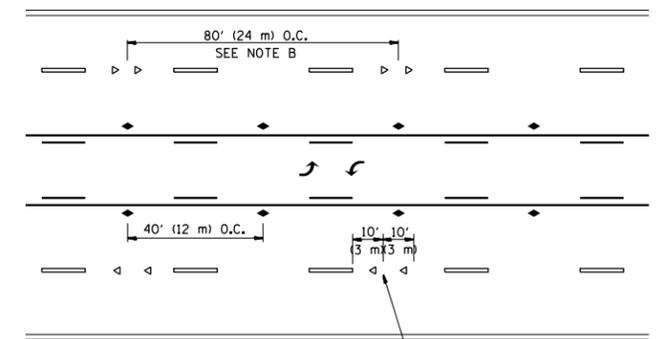


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

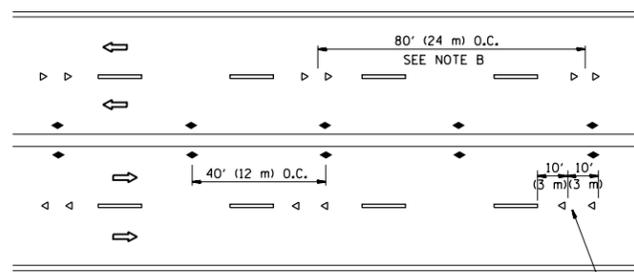
TWO-LANE/TWO-WAY



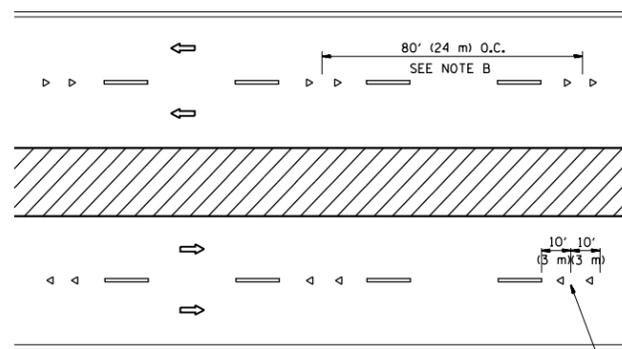
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

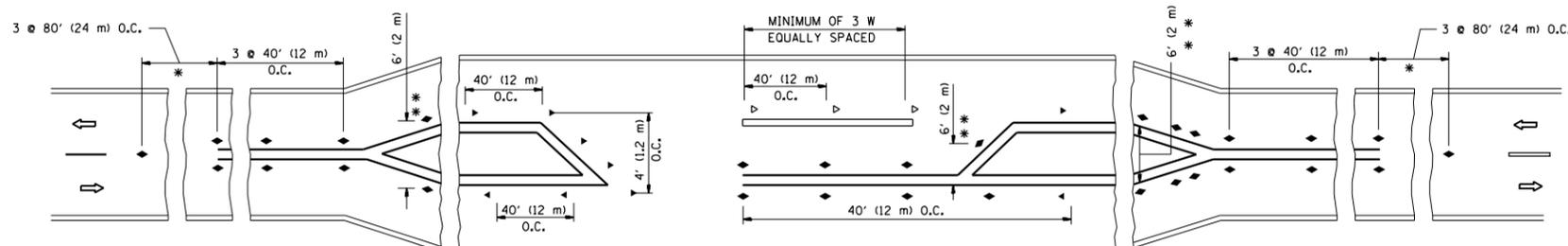
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

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

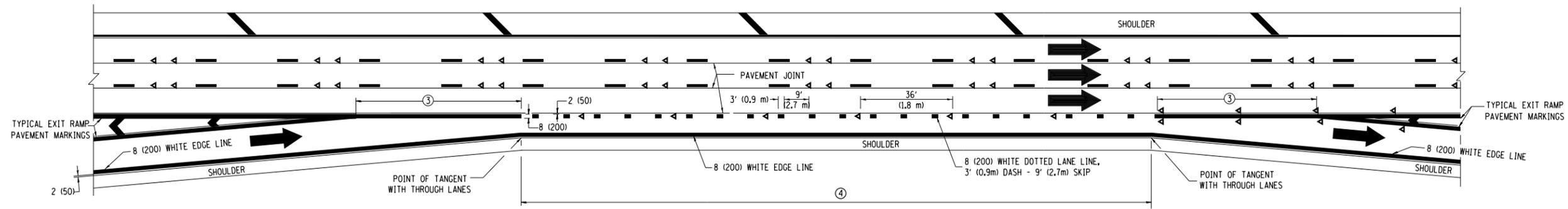
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		DATE -	REVISED - T. RAMMACHER 01-06-00
			REVISED - C. JUCIUS 09-09-09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

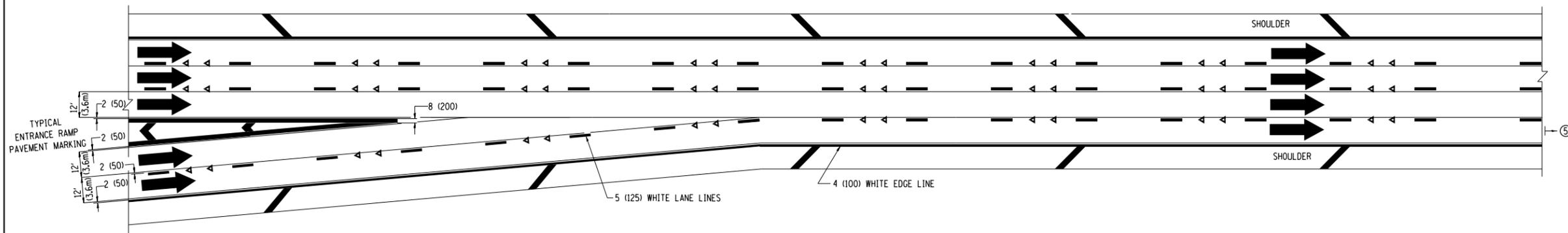
TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

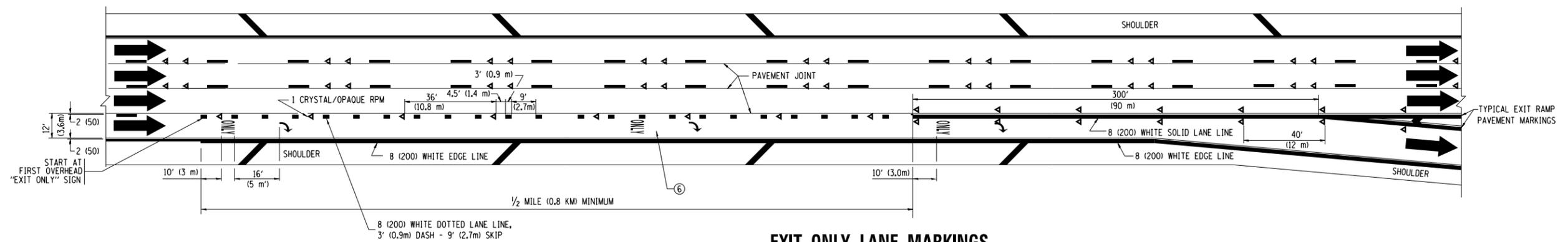
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DUPAGE	265	258
TC-11		CONTRACT NO. 60Y65		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



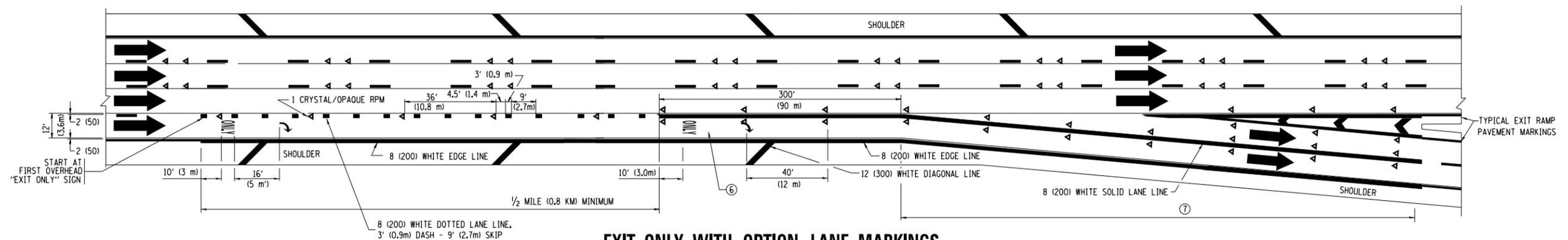
AUXILIARY LANE MARKINGS



TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS



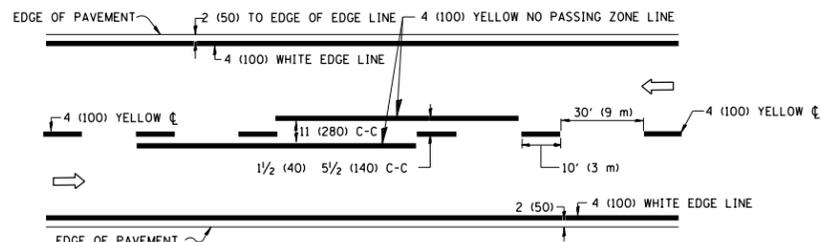
EXIT ONLY LANE MARKINGS



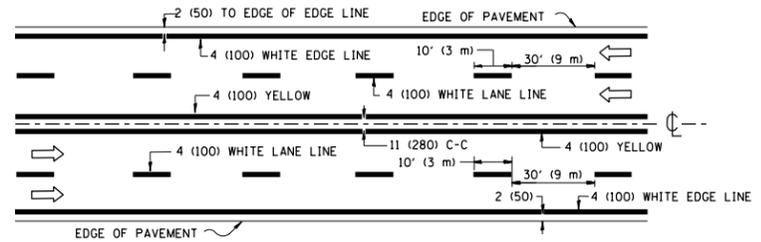
EXIT ONLY WITH OPTION LANE MARKINGS

- NOTES**
- ③ OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
 - ④ 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
 - ⑤ FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
 - ⑥ ONLY AND ARROWS EQUALLY SPACED, 500' (150 m) MAXIMUM SPACING. FULL SIZE LETTERS AND ARROW SHALL BE USED.
 - ⑦ CONTINUE 8" SOLID LANE LINE THROUGH EXIT TO END OF PAVED GORE.

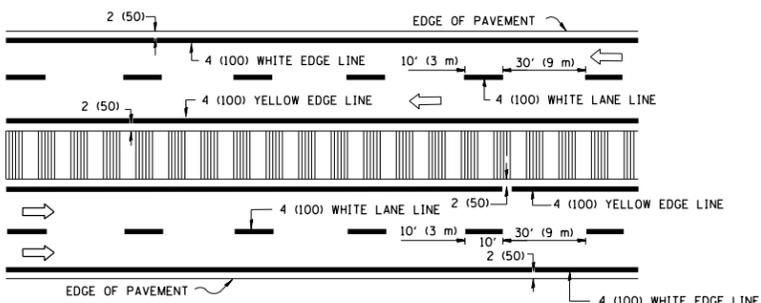
FILE NAME =	USER NAME = paraynoal	DESIGNED - D.W.S.	REVISED - D.W.S. 07-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI484\Design\DI48414-sht-plen.dgn		CHECKED -	REVISED - J.A.F. 02-06		SCALE: NONE	SHEET NO. 2 OF 2 SHEETS	STA.	TO STA.	55	2014-079 RS, BR&T	WILL/DUPAGE	265	260
		DATE - 01-90	REVISED - S.P.B. 01-07						TC-12		CONTRACT NO. 60Y65		
			REVISED - S.P.B. 01-10						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

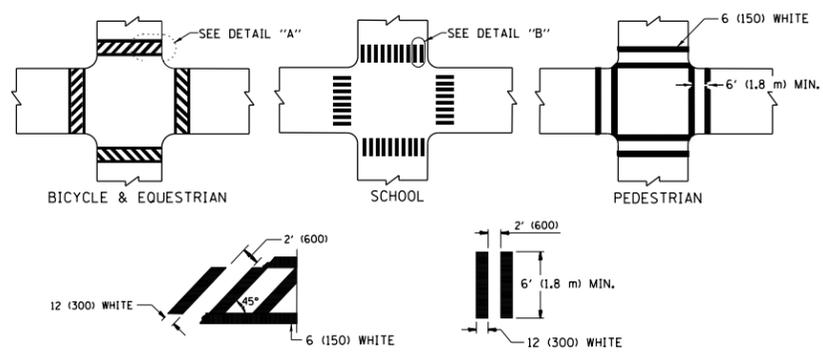


MULTI-LANE UNDIVIDED



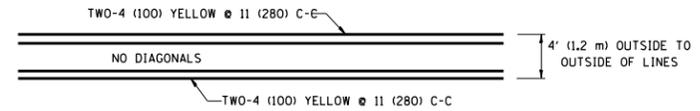
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

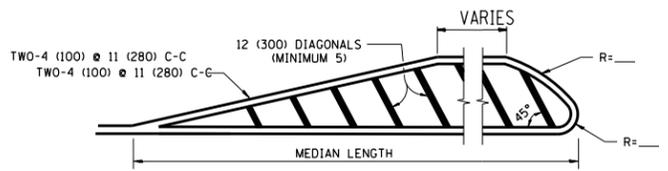


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

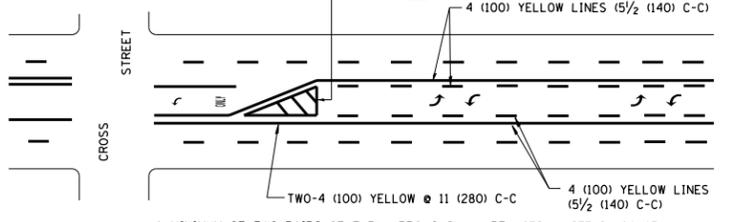


4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

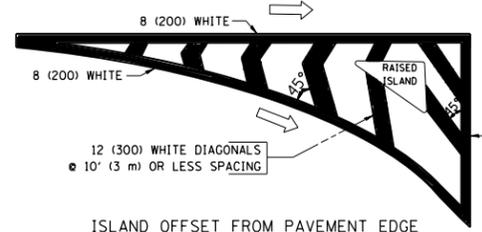


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

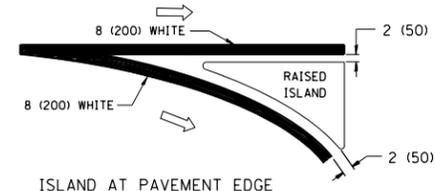
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

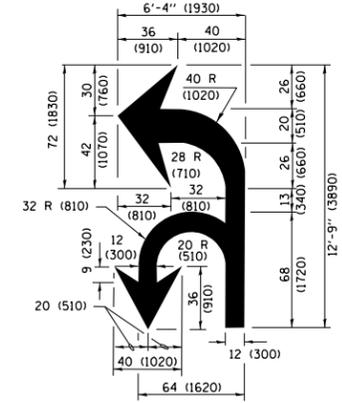
TYPICAL TURN LANE MARKING



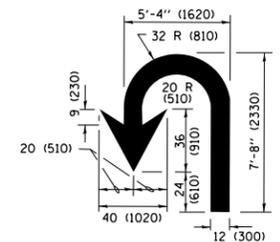
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS; 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C 30 MPH (50 km/h) TO 45MPH (70 km/h) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

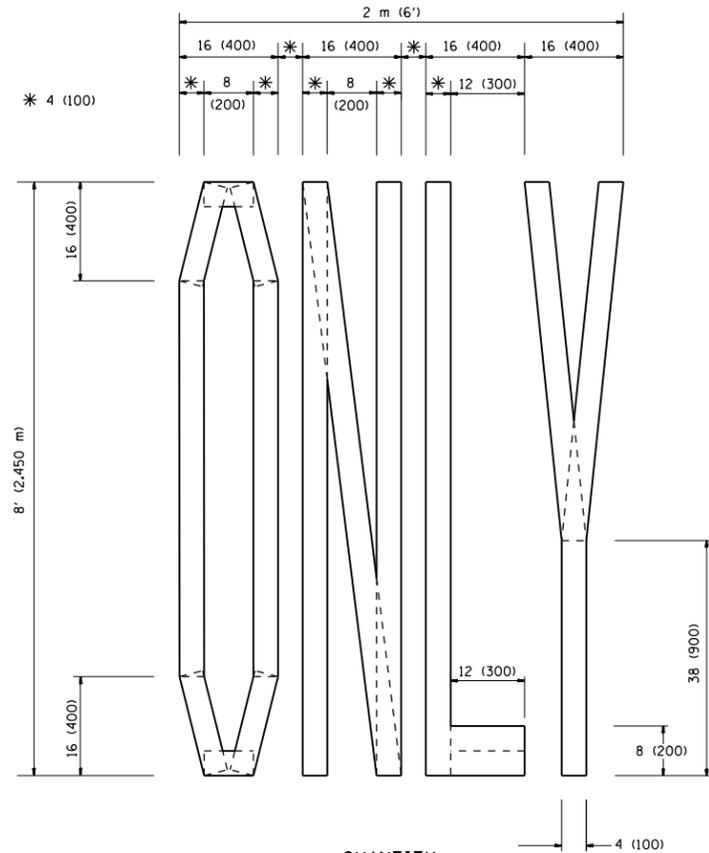
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

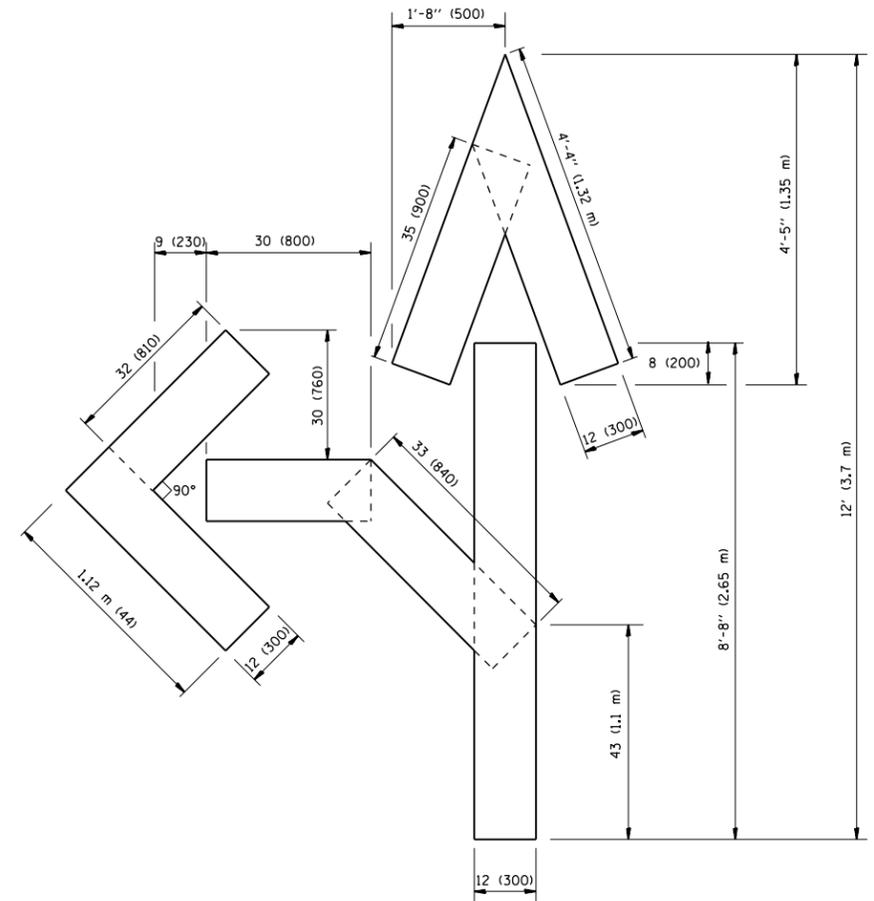
DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

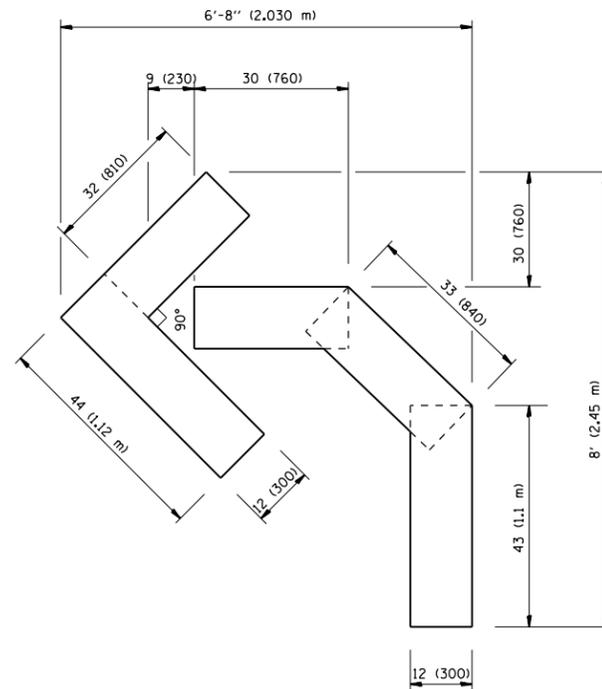
F.A.1 RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DUPAGE	265	261
TC-13		CONTRACT NO. 60Y65		
ILLINOIS FED. AID PROJECT				



QUANTITY
 4 (100) LINE = 64.1 ft. (19.7 m)
 21.1 sq. ft. (1.97 sq. m)



QUANTITY
 4 (100) LINE = 82.5 ft. (25.3 m)
 27.5 sq. ft. (2.53 sq. m)



QUANTITY
 4 (100) LINE = 45.5 ft. (13.9 m)
 15.2 sq. ft. (1.39 sq. m)

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

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED -T. RAMMACHER 06-05-96
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		CHECKED -	REVISED -T. RAMMACHER 03-02-98
		DATE - 09-18-94	REVISED -E. GOMEZ 08-28-00

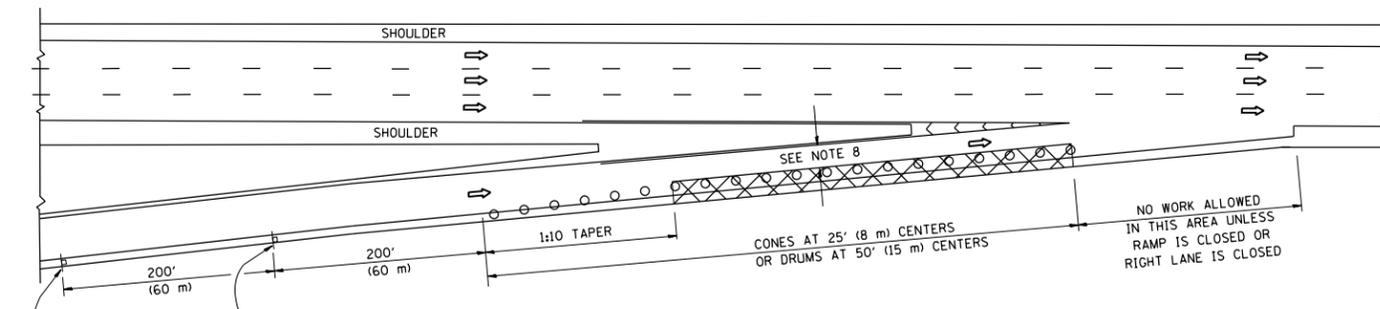
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING LETTERS AND SYMBOLS
 FOR TRAFFIC STAGING

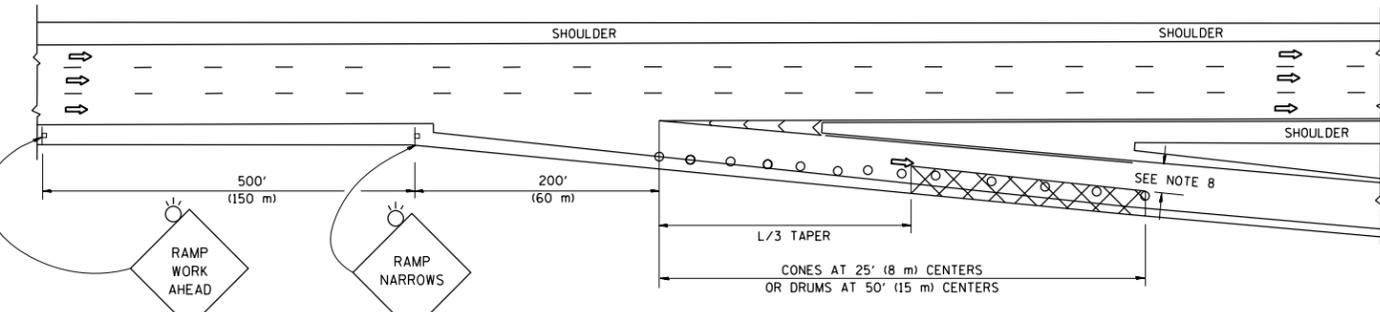
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-16			CONTRACT NO. 60Y65	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

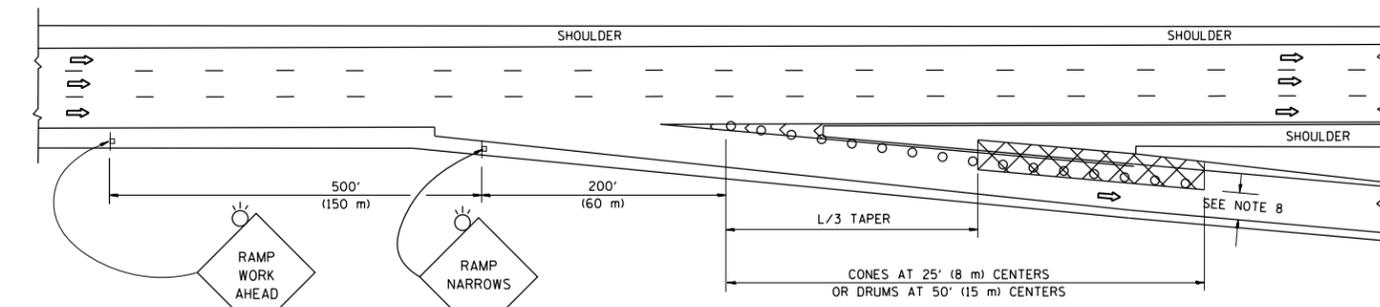
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

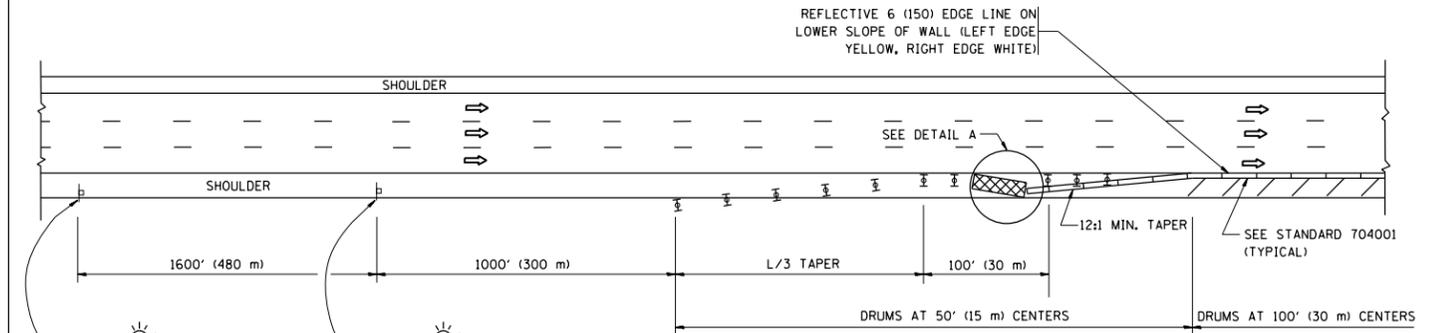
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES

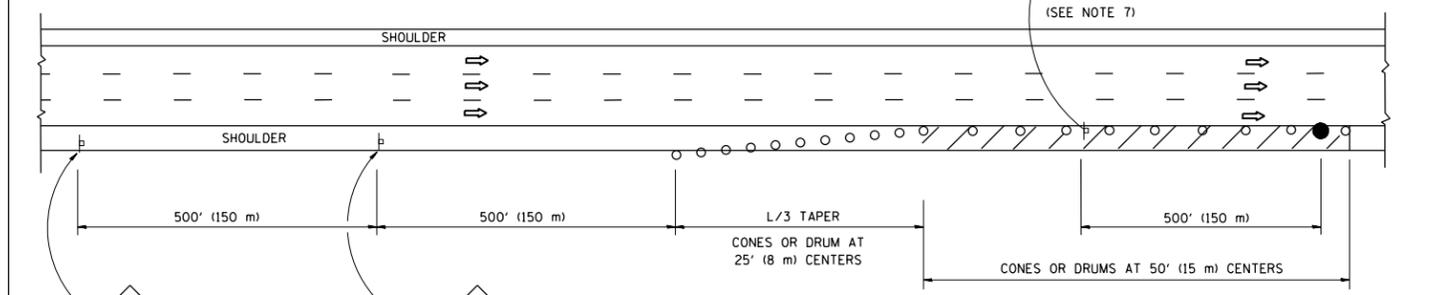
1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC ENGLISH L=0.65(W)(S) L=(W)(S)
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.
5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK AVTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
8. 12' MIN. WIDTH TANGENT SECTION
16' MIN. WIDTH CURVE SECTION.

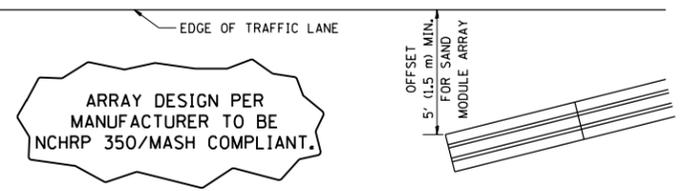
SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

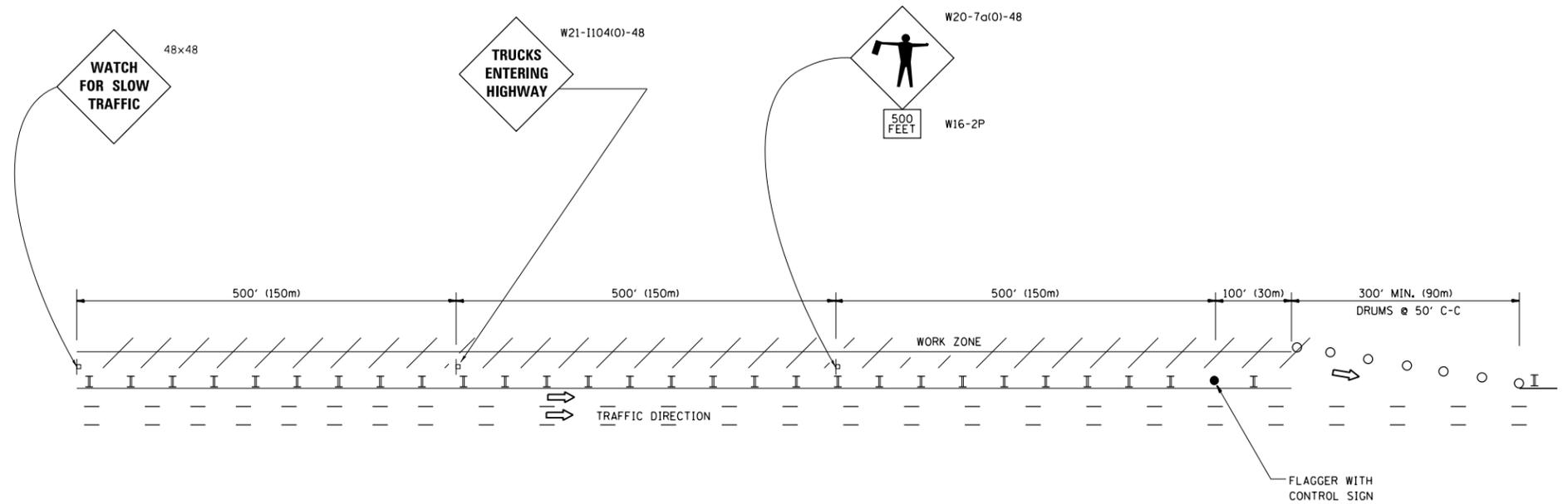


ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

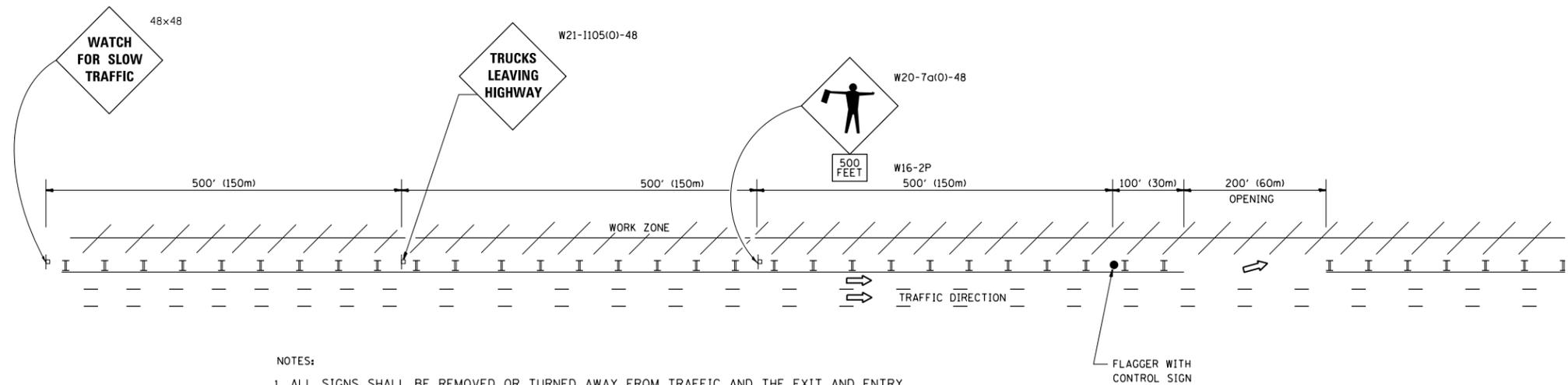
FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED - J.A.F. 12-06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\01448\Drawings\Design\01448-14-sht-plen.dgn	PLLOT SCALE = 100.0002' / in.	CHECKED -	REVISED - S.P.B. 01-07			55	2014-079 RS, BR&T	WILL/DUPAGE	265	263
PLLOT DATE = 5/20/2016	DATE - 11-96	REVISED -	REVISED - S.P.B. 12-09			TC-17		CONTRACT NO. 60Y65		
		REVISED -	REVISED - M.D. 06-13			SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING

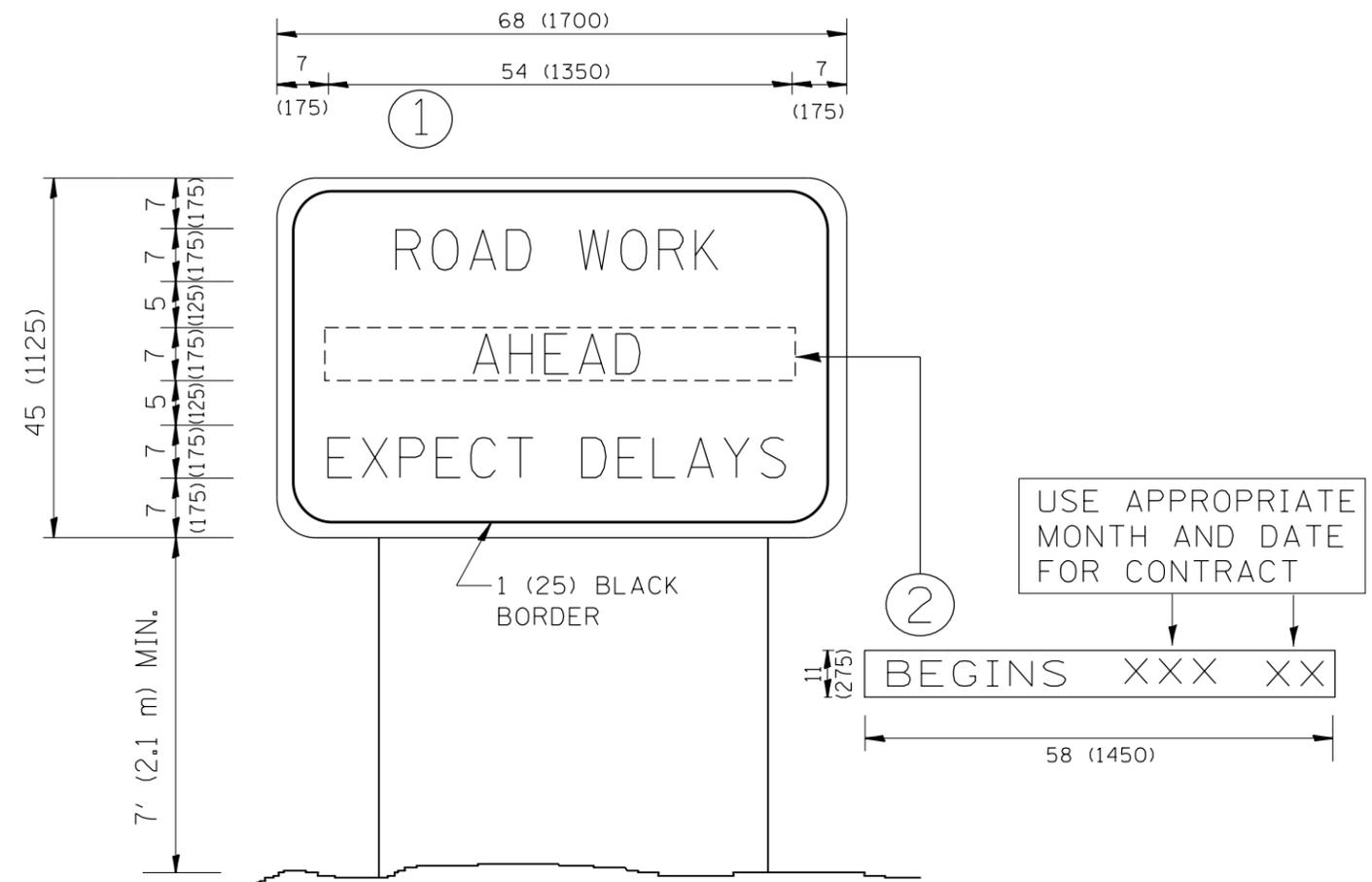


NOTES:

1. ALL SIGNS SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMP.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS
5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED - J.A.F. 02-06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS ON FREEWAYS/EXPRESSWAYS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\1448\Drawings\Design\144814-sht-plen.dgn		DRAWN	REVISED - S.P.B. 01-07			55	2014-079 RS, BR&T	WILL/DUPAGE	265	264
		CHECKED -	REVISED - S.P.B. 12-09			TC-18		CONTRACT NO. 60Y65		
		DATE -	REVISED - M.D. 06-13			SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.
				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT						



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME =	USER NAME = paraynoal	DESIGNED -	REVISED - R. MIRS 09-15-97
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI4484\Drawings\Design\DI4484-sht-plen.dgn		CHECKED -	REVISED - R. MIRS 12-11-97
		DATE -	REVISED - T. RAMMACHER 02-02-99
			REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2014-079 RS, BR&T	WILL/DUPAGE	265	265
TC-22		CONTRACT NO. 60Y65		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				