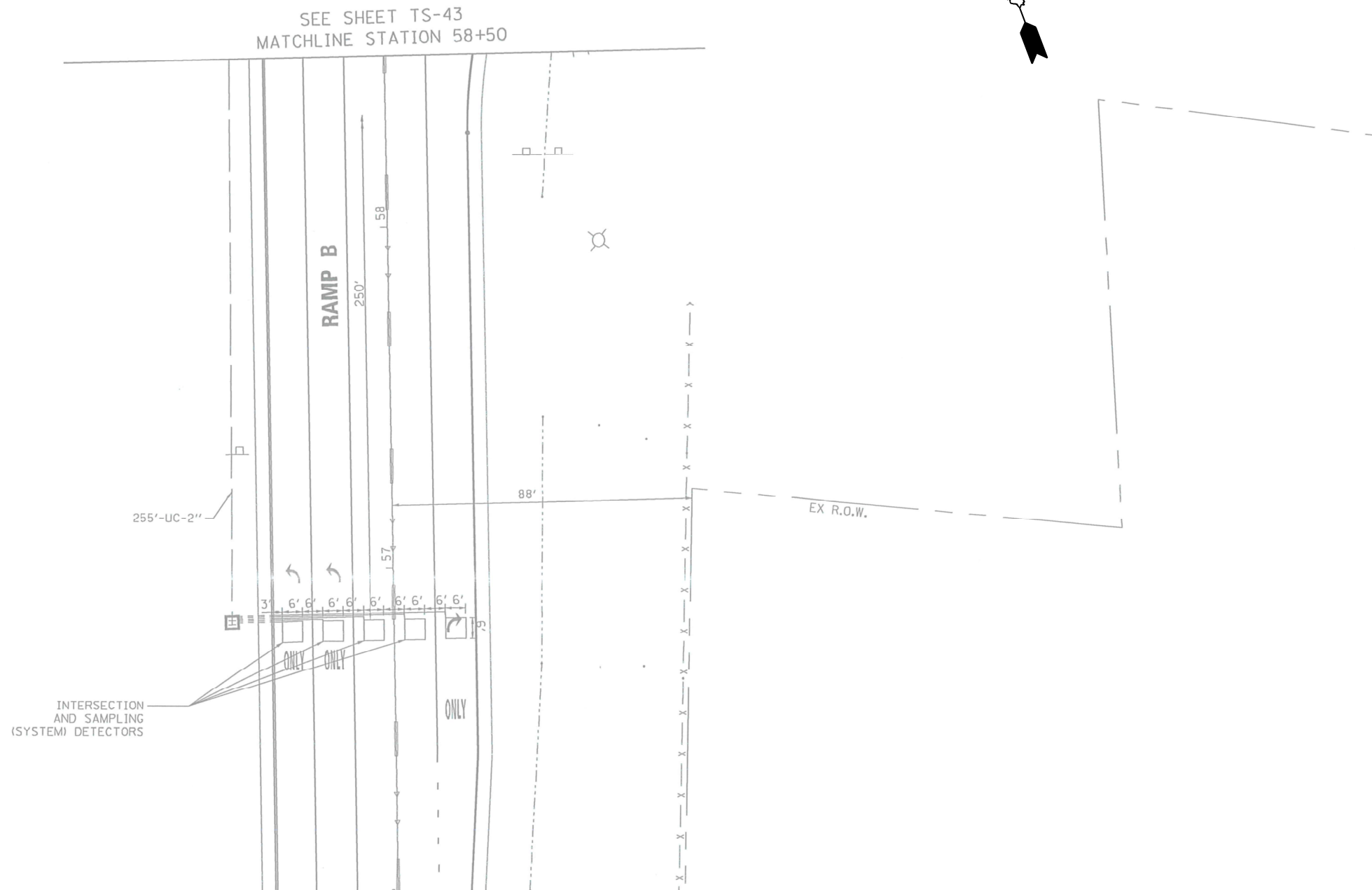


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"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

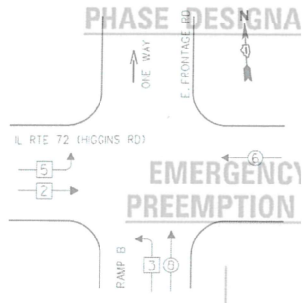
TS 96
IDOT CENTRACS
FORMER ECON 84

	USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #37		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - GM	REVISED -		IL 72 (HIGGINS RD.) AT EAST FRONTAGE RD. INTERSECTION PLAN SHEET 2		VAR.	2022 TRAFFIC 01	COOK	241	101
	PLOT SCALE = 40,0000 * / in.	CHECKED - DD	REVISED -				CONTRACT NO. 62R81				
	PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

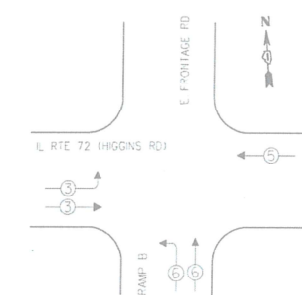
SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
CENTRACS LICENSE EXPANSION	EACH	1
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1
SPLICE FIBER IN CABINET	EACH	6

PROPOSED CONTROLLER SEQUENCE



EMERGENCY VEHICLE PREEMPTION SEQUENCE



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS				TOTAL WATTAGE
TYPE	NO. OF LAMPS x	WATTAGE L.E.D.	OPERATION	
SIGNAL (RED)	18	17	0.50	153.0
(YELLOW)	18	25	0.25	112.5
(GREEN)	18	15	0.25	67.5
ARROW	1	12	0.10	1.2
PED. SIGNAL	1	25	1.00	25.0
CONTROLLER	1	100	1.00	100.00
ILLUM. SIGN		120	0.05	6.0
VIDEO SYSTEM		150	1.00	150.0
FLASHER		150	0.50	75.0
TOTAL				434.2

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS/DISTRICT 1
201 W. CENTER CT/SCHAUMBURG, IL 60196-1096
ENERGY SUPPLY - CONTACT: DAVE SCHACHT
PHONE: 630-437-2129
COMPANY: COMMONWEALTH EDISON

EX. TRACER CABLE
EX. INTERCONNECT TO WEST FRONTAGE RD.

TO SOUTHWEST CORNER OF WEST FRONTAGE RD

IL RTE 72 (HIGGINS RD)

RAMP B

CABLE PLAN

INTERSECTION AND SAMPLING (SYSTEM) DETECTORS

TS 96
IDOT CENTRACS
FORMER ECON 84

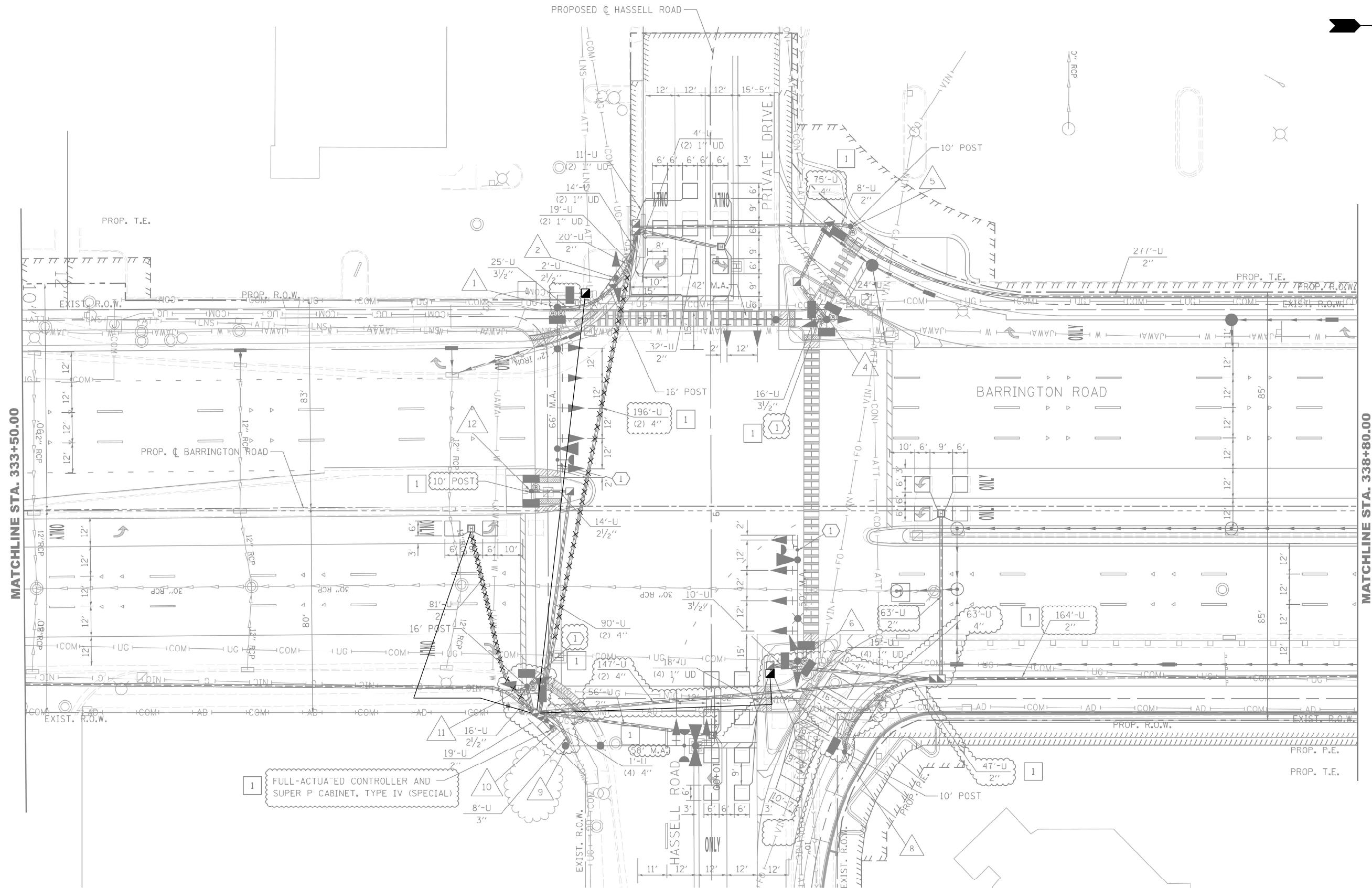
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #37
IL 72 (HIGGINS RD.) AT EAST FRONTAGE RD. CABLE PLAN

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	102
CONTRACT NO. 62R81				

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT



"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TS 4175
IDOT CENTRACS
FORMER ECON 73

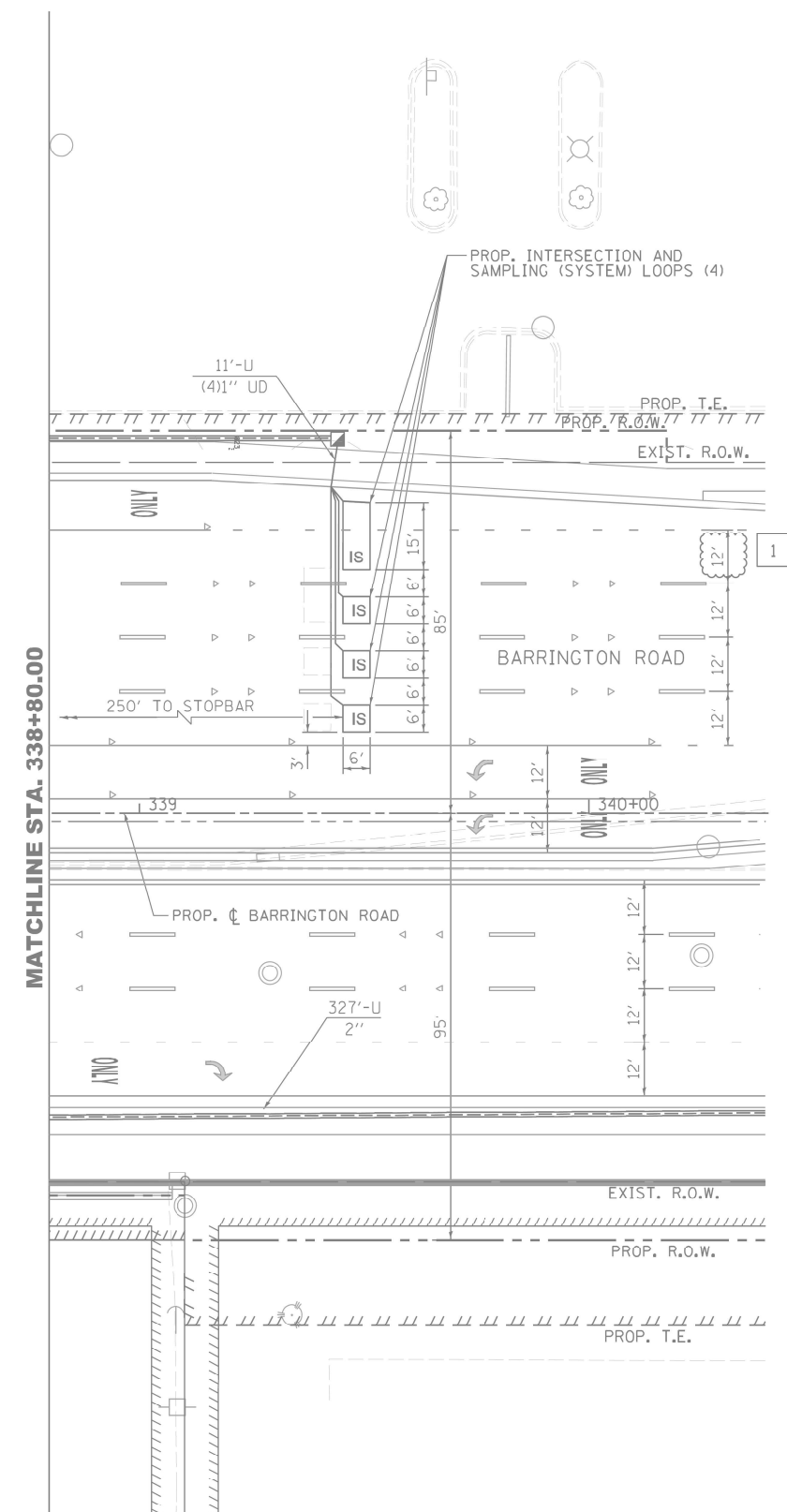
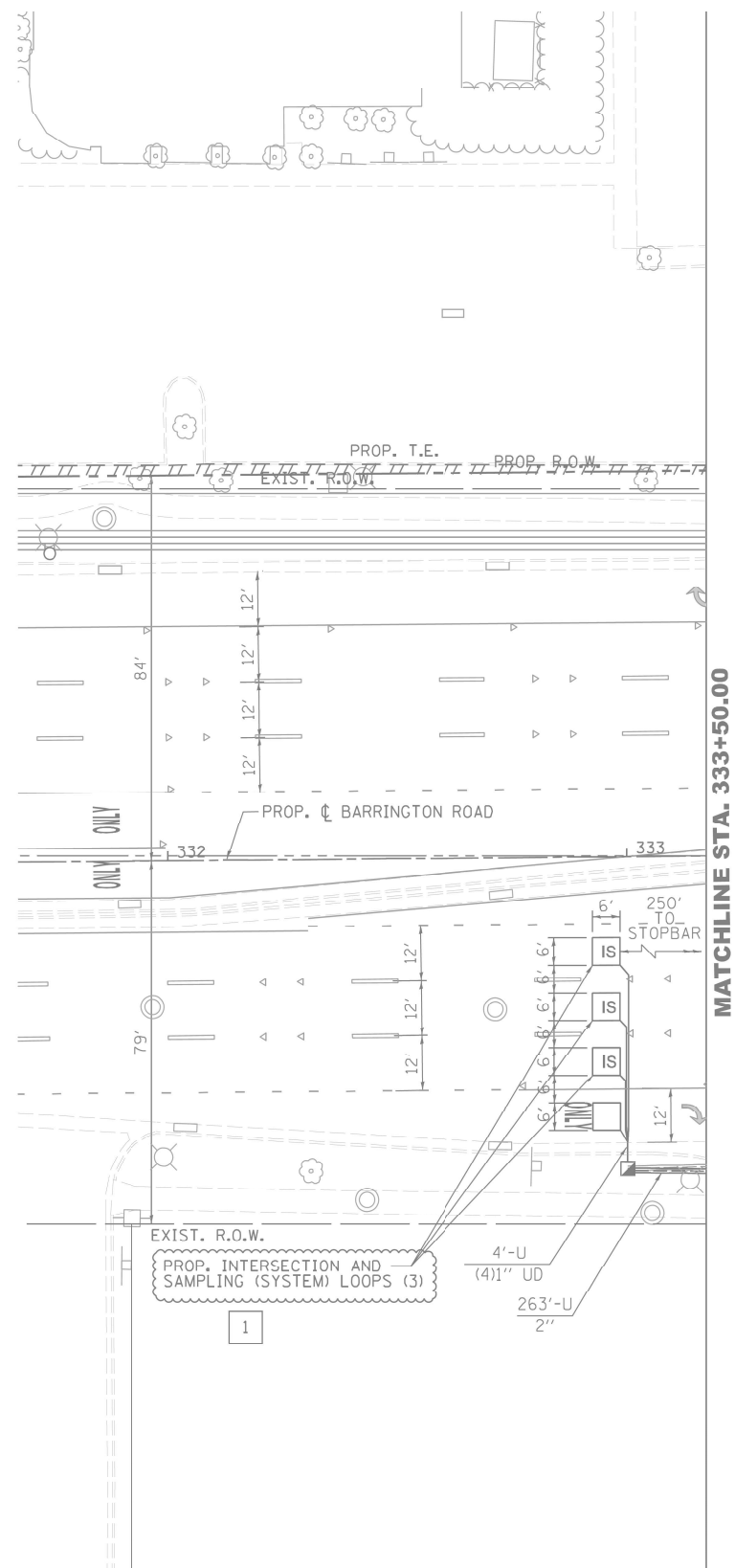
USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #38
BARRINGTON RD. AT HASELL RD. INTERSECTION PLAN SHEET ONE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	103
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

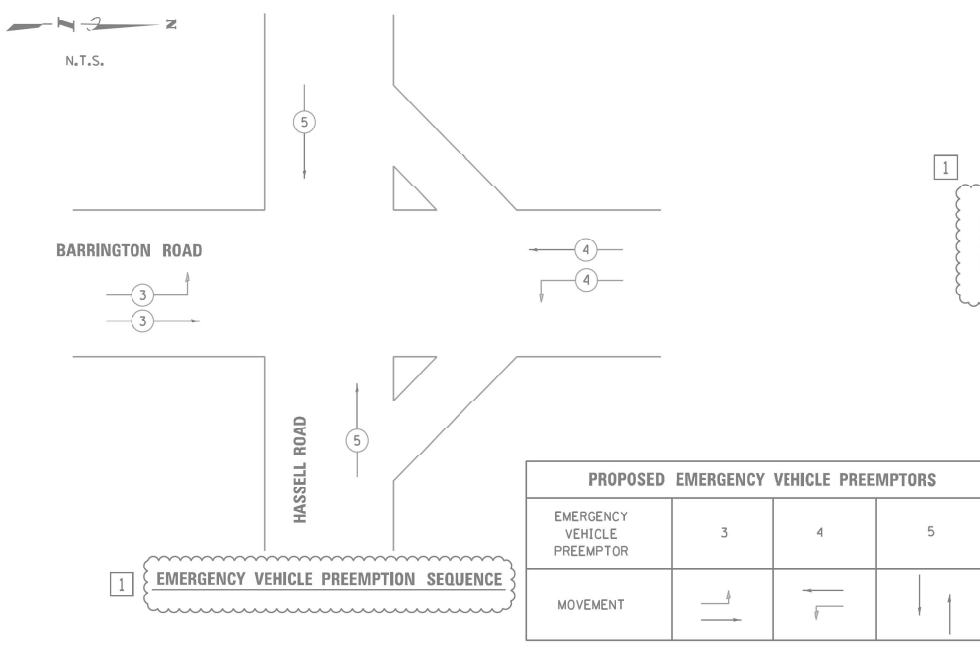
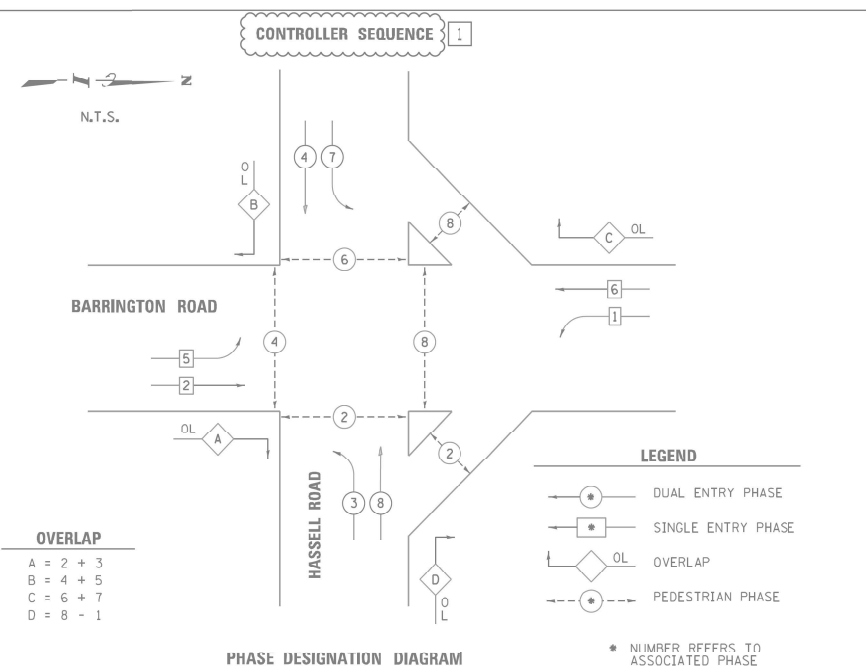


"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TS 4175
IDOT CENTRACS
FORMER ECON 73

FILE NAME = D:\11-2022	USER NAME = Kamil,Kobylika	DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #38 BARRINGTON RD. AT HASSELL RD.INTERSECTION PLAN SHEET TWO					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000 ' / in.	DRAWN - GM	REVISED -							VAR.	2022 TRAFFIC 01	COOK	241	104
	PLOT DATE = 8/15/2022	CHECKED - DD	REVISED -		CONTRACT NO. 62R81									
		DATE - 06/30/2022	REVISED -											
							SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		

MODEL: Default
FILE: \\dot\csw\beadley\com\p\W\DOT\Documents\DOT Office\District 1\Projects\TS4175\6\CAD\Barrington\TS4175-6-nt-ts-2.dgn

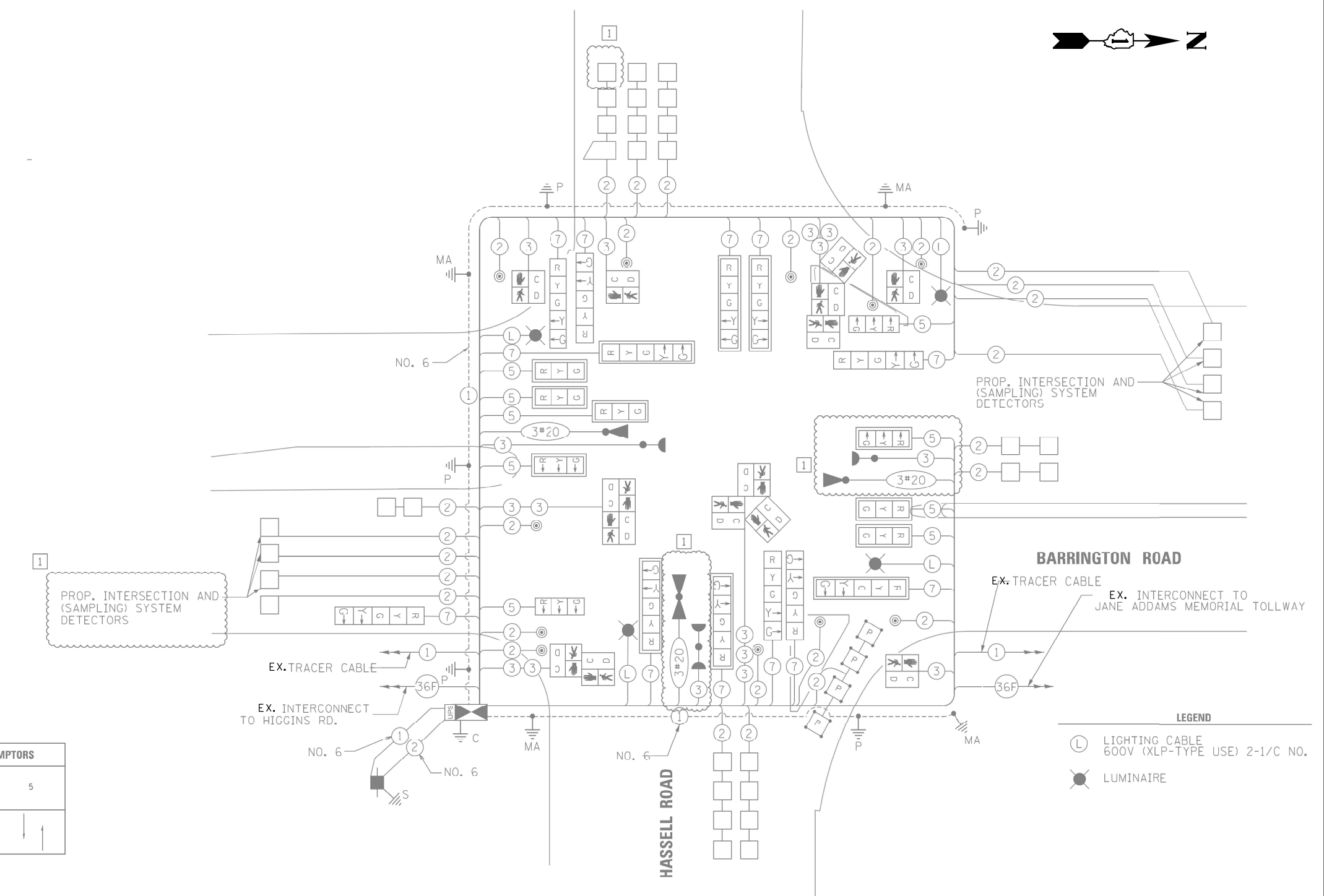


I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					
TYPE	NO. OF LAMPS	WATTAGE INCAND.	LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	21		17	0.50	178.5
(YELLOW)	21		25	0.25	131.25
(GREEN)	21		15	0.25	78.75
ARROW	29		12	0.10	34.8
PED. SIGNAL	14		25	1.00	350.00
CONTROLLER	1		100	1.00	100.00
LUMINAIRE	4		400	0.50	800.00
ENERGY COSTS TO:					TOTAL = 11673.3

ILLINOIS DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAY/DISTRICT 1
ATTN: FINANCIAL SERVICES
201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: SHONNA HAYES
PHONE: (630) 691-4393
COMPANY: COM ED



SCHEDULE OF QUANTITIES

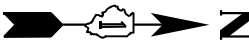
ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
LAYER III FIBER OPTIC TRANSCEIVER MODULE, SFP TYPE, LONG DISTANCE	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1
SPLICE FIBER IN CABINET	EACH	6

TS 4175
IDOT CENTRACS
FORMER ECON 73



TS 4178
IDOT CENTRACS
FORMER ECON 73

USER NAME = Kamil.Kobyłka	DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #39 BARRINGTON RD. AT I-90 INTERSECTION PLAN SHEET ONE				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - GM	REVISED -						VAR.	2022 TRAFFIC 01	COOK	241	106
PLOT SCALE = 40,0000 ' / in.	CHECKED - DD	REVISED -		CONTRACT NO. 62R8								
PLOT DATE = 8/15/2022	DATE = 06/30/2022	REVISED -										
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT	



MATCHLINE
STA. 722+00.00 RAMP G

NOTE 1: THE CONTRACTOR SHALL PROVIDE 2-2 1/2" RACEWAYS IN THE FOUNDATION FOR LUMINAIRE WIRING. COST TO BE INCLUDED IN FOUNDATION INSTALLATION.

* DENOTES OPTICALLY PROGRAMMED SIGNAL HEAD
@* RADAR VEHICLE DETECTION UNIT

PTZ CAMERA TO BE MOUNTED ON EXISTING LUMINAIRE ARM (SEE NOTE)

MATCHLINE STA. 348+00.00 BARRINGTON ROAD

MATCHLINE STA. 352+50.00 BARRINGTON ROAD

"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TS 4178
IDOT CENTRACS
FORMER ECON 73

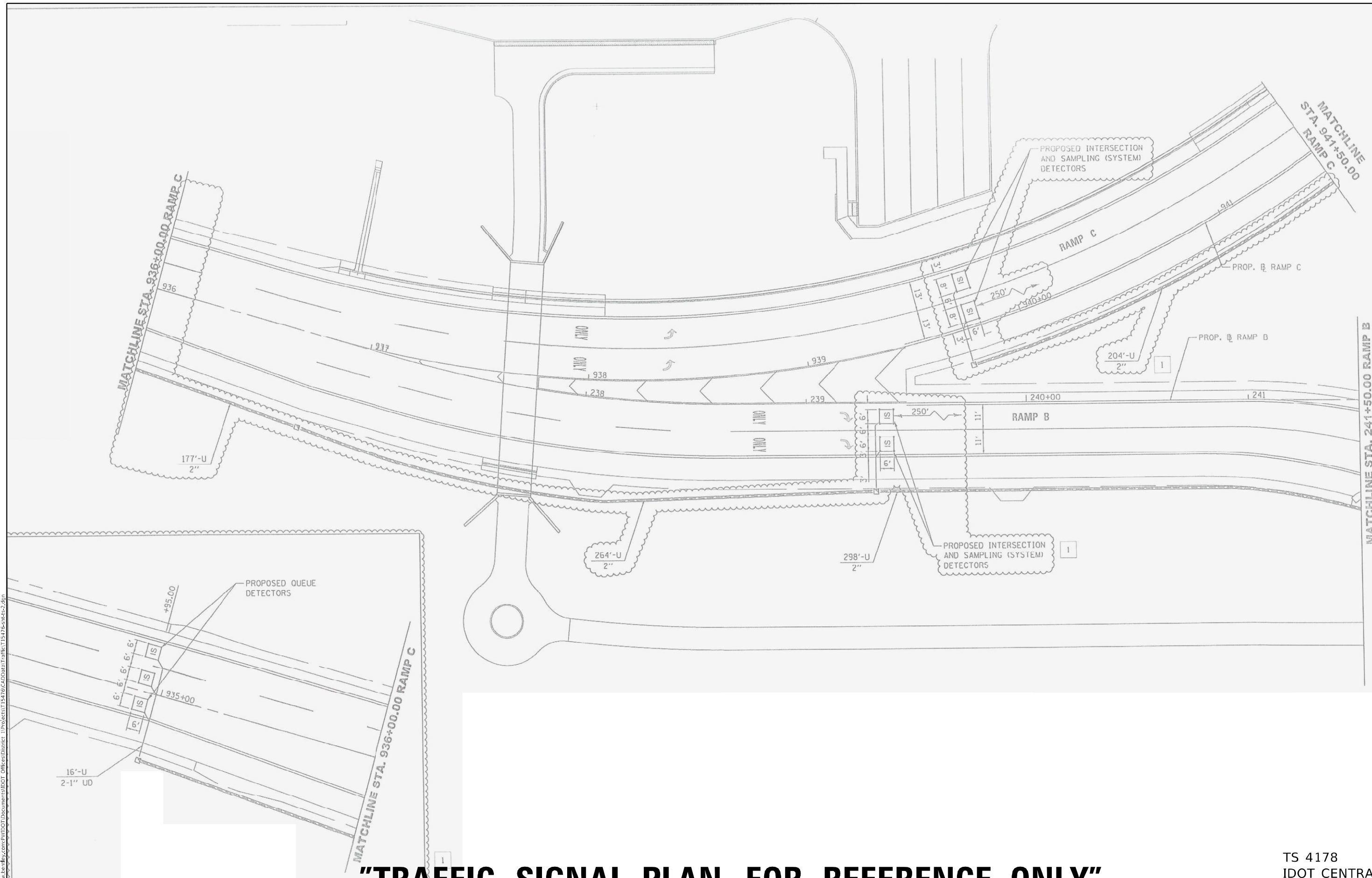
USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
DRAWN - GM	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #39
BARRINGTON RD. AT I-90 INTERSECTION PLAN SHEET FOUR

SCALE: SHEET OF SHEETS STA. TO STA.

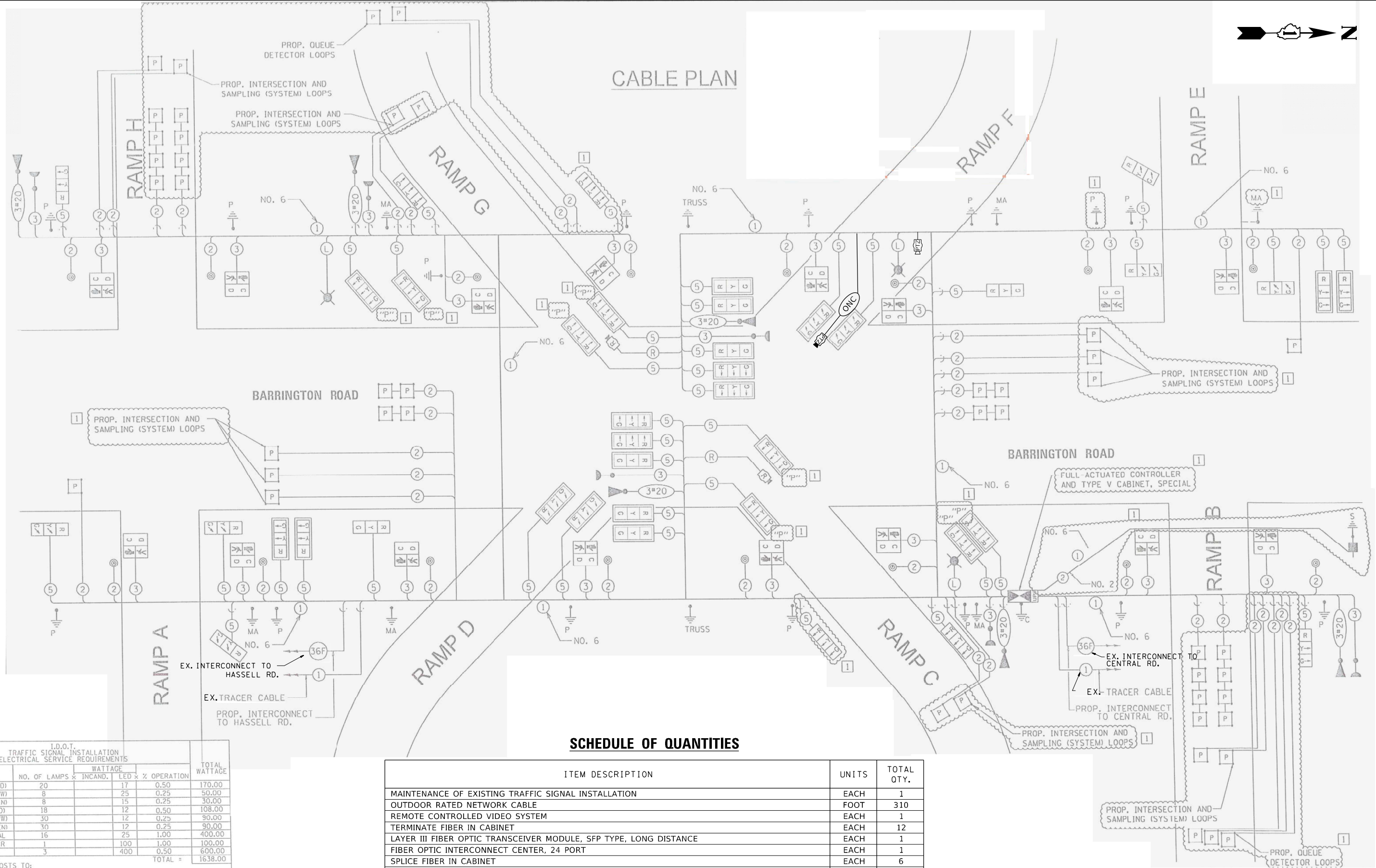
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	109
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

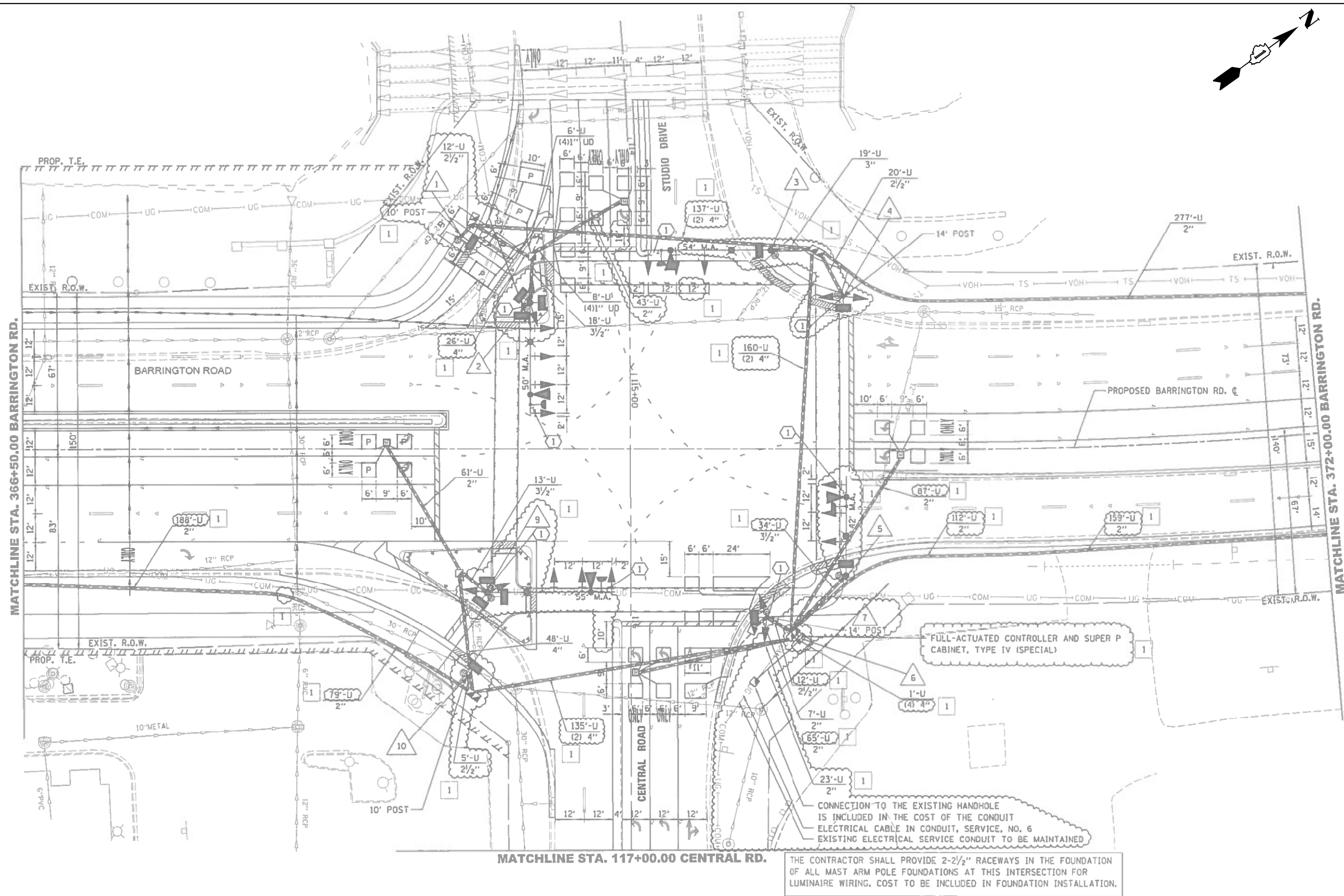
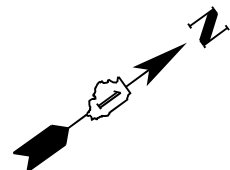


TS 4178
IDOT CENTRACS
FORMER ECON 73

FILE NAME: D:\PROJECTS\2022\2022 TRAFFIC\2022 TRAFFIC 01\2022 TRAFFIC 01.dwg	USER NAME = KamilKobylka	DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #39 BARRINGTON RD. AT I-90 INTERSECTION PLAN SHEET SIX					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - GM	REVISED -							VAR.	2022 TRAFFIC 01	COOK	241	111
	PLOT SCALE = 40,0000 ' / in.	CHECKED - DD	REVISED -		CONTRACT NO. 62R8									
	PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -											
						SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			

MODEL: Default
FILE: ts4178_2022-08-12.dgn
PROJECT: I-90 Cable Plan
DRAWN: Kamil Kobylika
DATE: 06/30/2022
REVISION: 08-12-2022





"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TS 4176
IDOT CENTRACS
FORMER ECON 73

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #40
BARRINGTON RD. AT CENTRAL RD. INTERSECTION PLAN SHEET ONE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	113
CONTRACT NO. 62R81				

ILLINOIS FED. AID PROJECT

MODEL: Default
FILE: ts4176_traffic_signal_plan_for_reference_only.dgn
PROJECT: TS4176 IDOT CENTRACS FORMER ECON 73
DRAWN: GM
CHECKED: DD
DATE: 06/30/2022
PLOT DATE: 8/15/2022

MODEL: Default
FILE: ts4176_traffic_signal_plan_sheets.dgn
PROJECT: TS4176 IDOT Documents\DOT Office\District 1\Projects\TS4176\CD\Barrington\Traffic\TS4176-ts4176.dgn

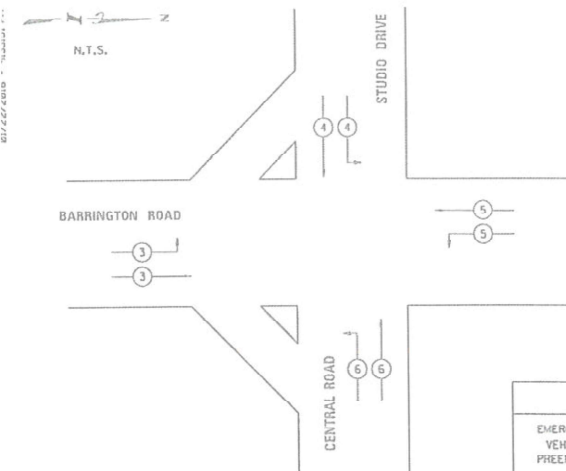


"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TS 4176
IDOT CENTRACS
FORMER ECON 73

MODEL: Default.dwg
FILE NAME: 08-12-2022.dwg

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #40				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - GM	REVISED -		BARRINGTON RD. AT CENTRAL RD. INTERSECTION PLAN SHEET TWO				VAR.	2022 TRAFFIC 01	COOK	241	114	
	CHECKED - DD	REVISED -						CONTRACT NO. 62R8					
PLOT SCALE = 40,0000' = 1 in.	DATE = 06/30/2022	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT					
PLOT DATE = 8/15/2022													



PROPOSED EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE		% OPERATION	
		INCAND.	LED		
SIGNAL (RED)	21		17	0.50	178.5
(YELLOW)	1 21		25	0.25	131.25
(GREEN)	21		15	0.25	78.75
ARROW	8		12	0.10	9.60
PED. SIGNAL	12		25	1.00	300.00
CONTROLLER	1		100	1.00	100.00
LUMINAIRE	4		400	0.50	800.00
ENERGY COSTS TO:				TOTAL =	1598.10

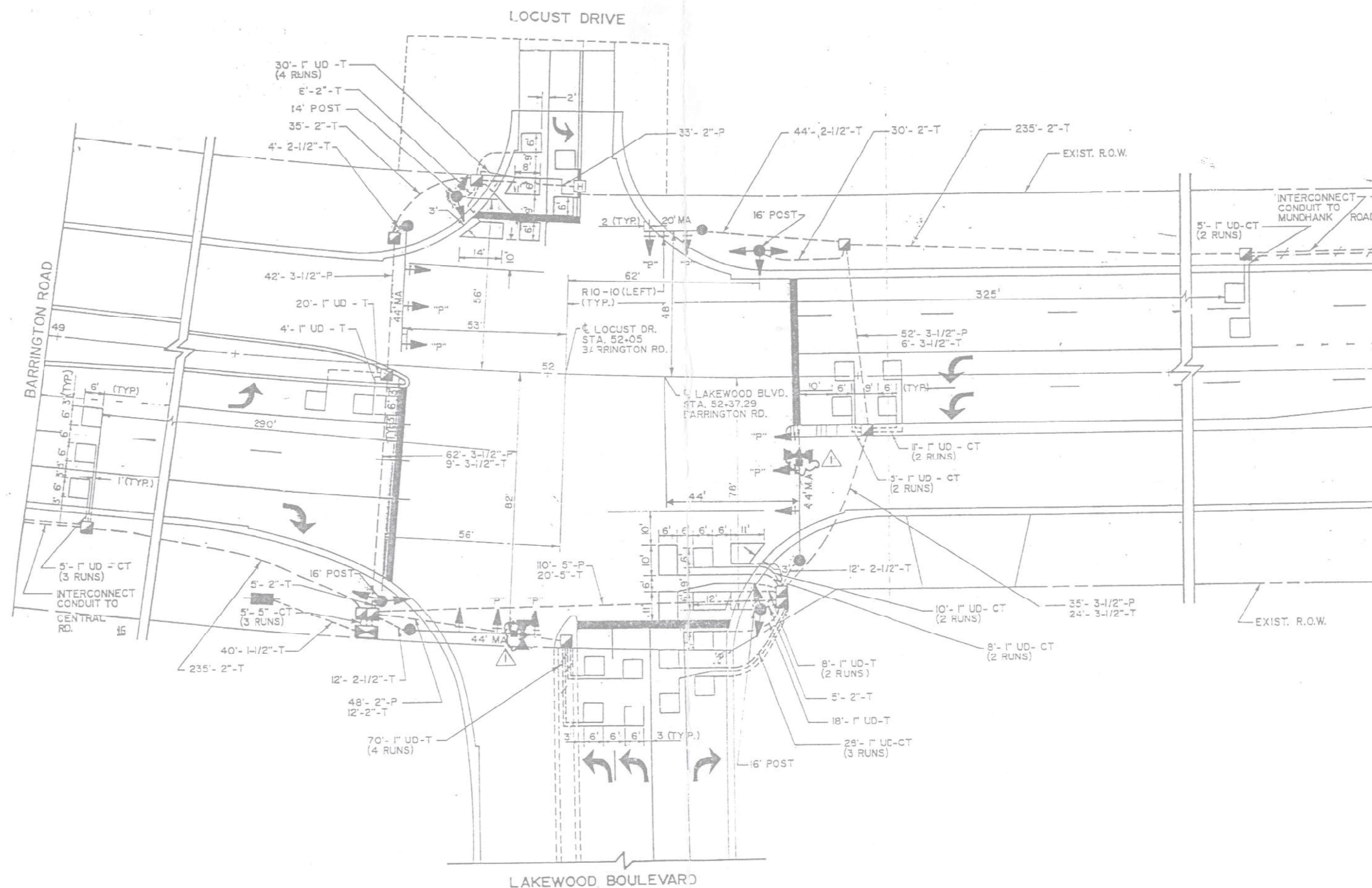
ILLINOIS DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAY/DISTRICT 1
 ATTN: FINANCIAL SERVICES
 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096

ENERGY SUPPLY: CONTACT: SHONNA HAYES
 PHONE: (630) 691-4393
 COMPANY: COM ED



ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
LAYER III FIBER OPTIC TRANSCEIVER MODULE, SFP TYPE, LONG DISTANCE	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1
SPLICE FIBER IN CABINET	EACH	6



TS 4188
IDOT CENTRACS
FORMER ECON 73

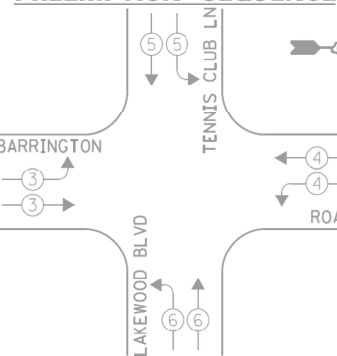
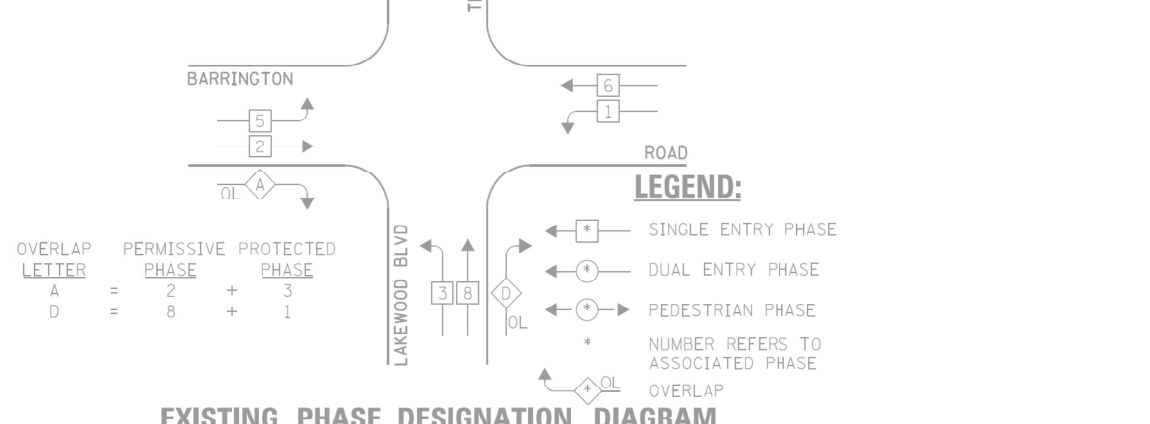
USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #41 BARRINGTON RD. AT LAKEWOOD BLVD. INTERSECTION PLAN				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - GM	REVISED -						VAR.	2022 TRAFFIC 01	COOK	241	11
PLOT SCALE = 40,0000' / in.	CHECKED - DD	REVISED -		SCALE:				SHEET OF SHEETS STA. TO STA.				
PLOT DATE = 8/15/2022	DATE = 06/30/2022	REVISED -						ILLINOIS FED. AID PROJECT CONTRACT NO. 62R				

**EXISTING
CONTROLLER SEQUENCE**

ENNIS CLUB LN

4 7

Z



EXISTING EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	3	4	5	6
MOVEMENT				

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		OPERATION	
		INCAND.	L.E.D.		
SIGNAL (RED)	20	135	17	0.50	170.0
SIGNAL (YELLOW)	20	135	25	0.25	125.0
SIGNAL (GREEN)	20	135	15	0.25	75.0
ARROW	8	135	12	0.10	9.6
PED. SIGNAL	-	90	25	1.00	-
CONTROLLER	1	-	100	1.00	100.0
LUMINAIRE	-	-	250	0.50	-
L.E.D. ST. NAME SIGN	-	-	64	0.50	-
VIDEO SYSTEM	-	-	150	1.00	-
BATTERY BACKUP	1	-	25	1.00	25.0
ILLUMINATED SIGN	-	-	25	0.05	-
TOTAL =					504.6

ENERGY COSTS - BILLED TO: IL DEPT. OF TRANSPORTATION
(ADDRESS) 201 W. CENTER COURT
(ADDRESS) SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY - CONTACT: DAVE SCHAGHT
PHONE: 630-437-2129
COMPANY: COMED - OAKBROOK TERRACE

USER NAME = Kamil.Kobyłka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

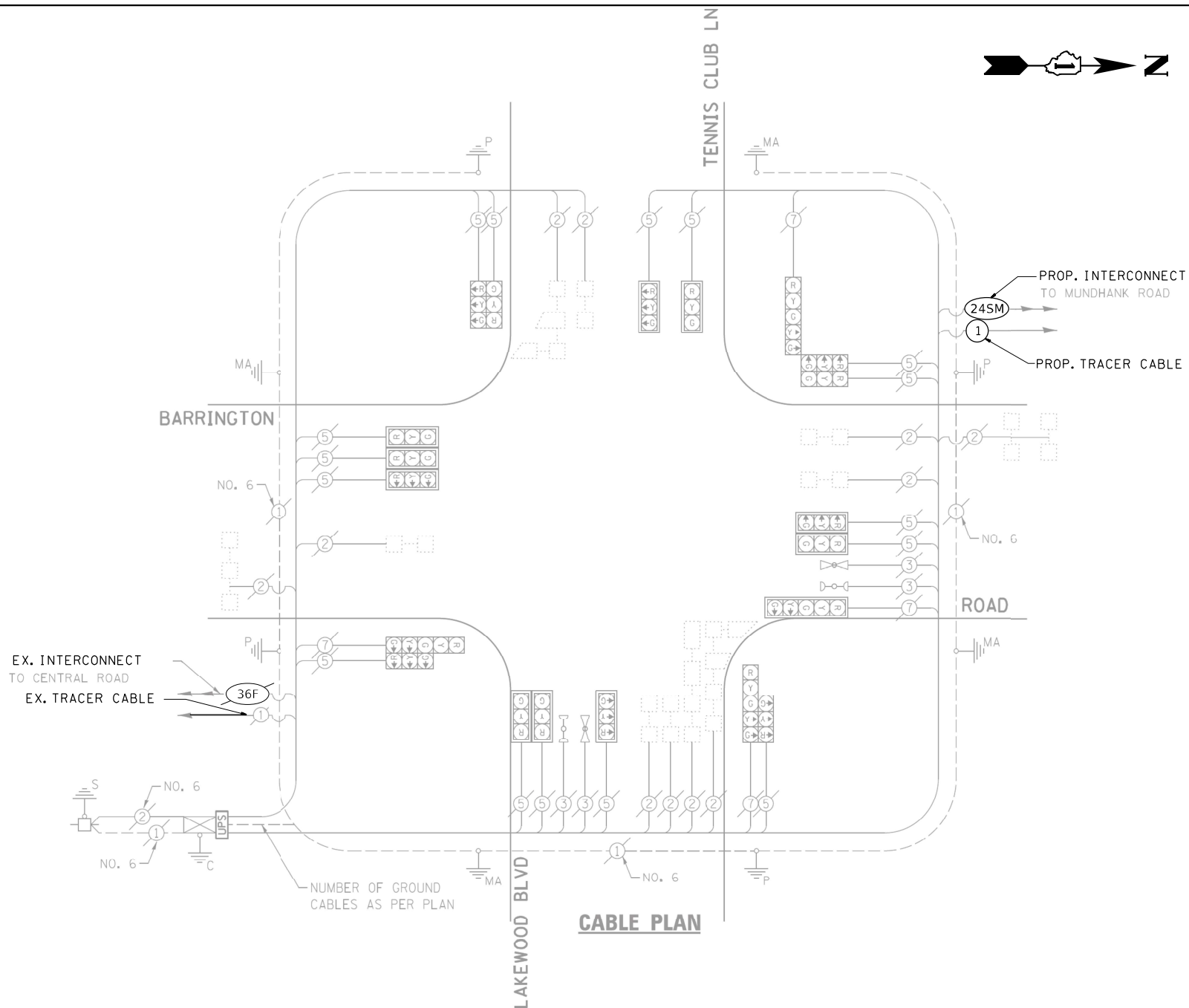
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #41
BARRINGTON RD. AT LAKEWOOD BLVD. CABLE PLAN

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
--------	-------	----	--------	------	---------

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	117
		CONTRACT NO. 62R81		
ILLINOIS		FED. AID PROJECT		

TS 4188
IDOT CENTRACS
FORMER ECON 73



MODEL: Default
FILE NAME: nuv\llo\llo-ami-bent\law.com\pid\DOT Documents\DOT_Offices\District_1\Projects\T15476\CADData\Traffic\T15476-ENT-1-2.dwg



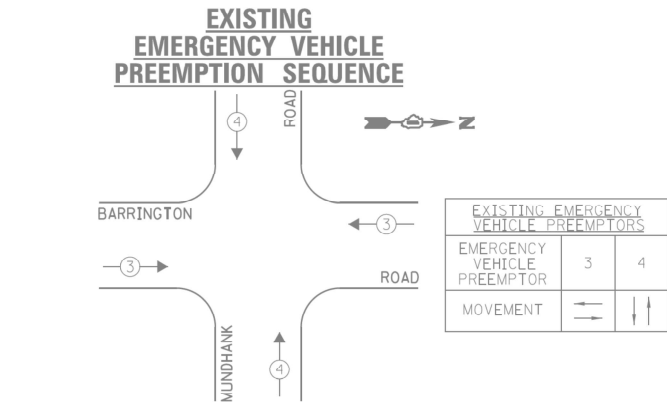
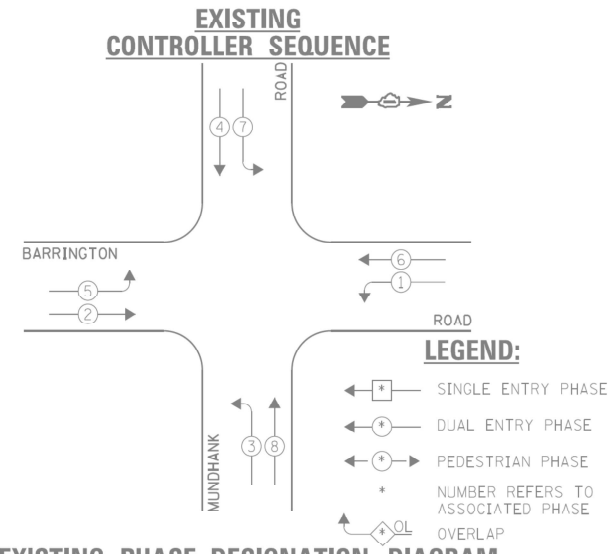
THE PTZ CAMERA SHALL BE MOUNTED ON THE EXTENSION ASSEMBLY POLE MOUNTED ON EXISTING MAST ARM. CONTRACTOR SHALL CENTER THE PTZ CAMERA TOWARDS THE CENTER OF THE INTERSECTION TO OPTIMIZE THE VIEW OF ALL APPROACHES. SEE DETAIL CAMERA MOUNTING DETAIL.

TS 4185
IDOT CENTRACS
FORMER ECON 73

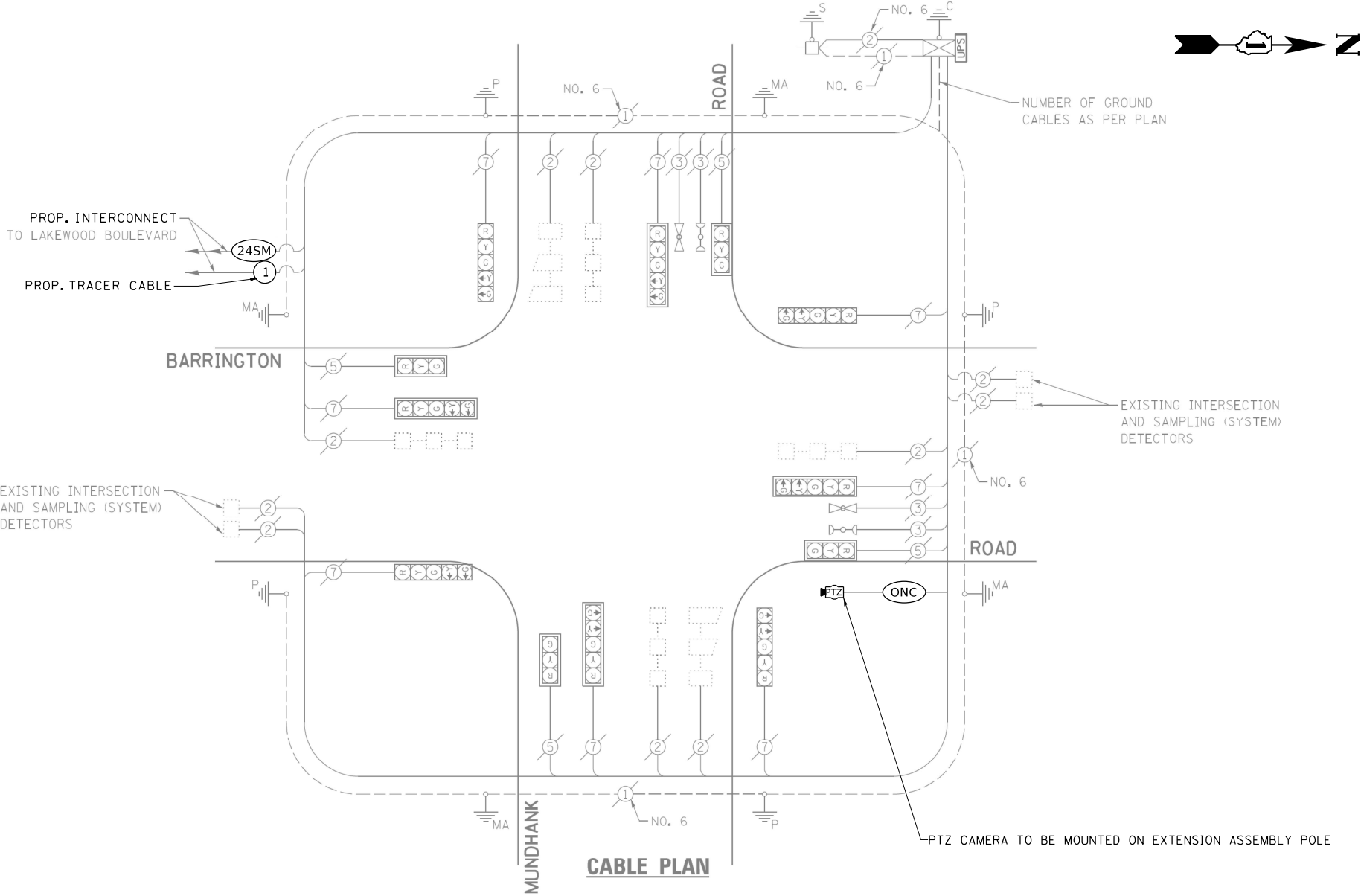
USER NAME = KamilKobylka	DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #42 BARRINGTON RD. AT E. MUDHANK RD. INTERSECTION PLAN					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - GM	REVISED -							VAR.	2022 TRAFFIC 01	COOK	241	118
PLOT SCALE = 40,0000' / in.	CHECKED - DD	REVISED -		CONTRACT NO. 62R81									
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
OUTDOOR RATED NETWORK CABLE	FOOT	205
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
TERMINATE FIBER IN CABINET	EACH	6
CAMERA MOUNTING ASSEMBLY	EACH	1
LAYER III FIBER OPTIC TRANSCEIVER MODULE, SFP TYPE, LONG DISTANCE	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE		OPERATION	
SIGNAL (RED)	12	135	17	0.50	102.0
SIGNAL (YELLOW)	12	135	25	0.25	75.0
SIGNAL (GREEN)	12	135	15	0.25	45.0
ARROW	16	135	12	0.10	19.2
PED. SIGNAL	-	90	25	1.00	-
CONTROLLER	1	-	100	1.00	100.0
ILLUMINATE	-	-	250	0.50	-
L.E.D. ST. NAME SIGN	-	-	64	0.50	-
VIDEO SYSTEM	-	-	150	1.00	-
BATTERY BACKUP	1	-	25	1.00	25.0
ILLUMINATED SIGN	-	-	25	0.05	-
TOTAL =					366.2
ENERGY COSTS - BILLED TO: IL DEPT. OF TRANSPORTATION (ADDRESS) 201 W. CENTER COURT (ADDRESS) SCHALMBURG, IL 60196-1096					
ENERGY SUPPLY - CONTACT: DAVE SCHACHT (PHONE) 630-437-2129 (COMPANY) COMED - OAKBROOK TERRACE					



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #42
BARRINGTON RD. AT E. MUNDHANK RD. CABLE PLAN

TS 4185
IDOT CENTRACS
FORMER ECON 73

MODEL: Default
FILE: ts4185_2022_traffic_01.dgn
PROJECT: TS4185_2022_traffic_01.dgn
PROJECT: TS4185_2022_traffic_01.dgn

USER NAME = Kamil.Kobylka
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 8/15/2022

DESIGNED - KK
DRAWN - GM
CHECKED - DD
DATE - 06/30/2022

REVISED - KK - 08-12-2022
REVISED -
REVISED -
REVISED -

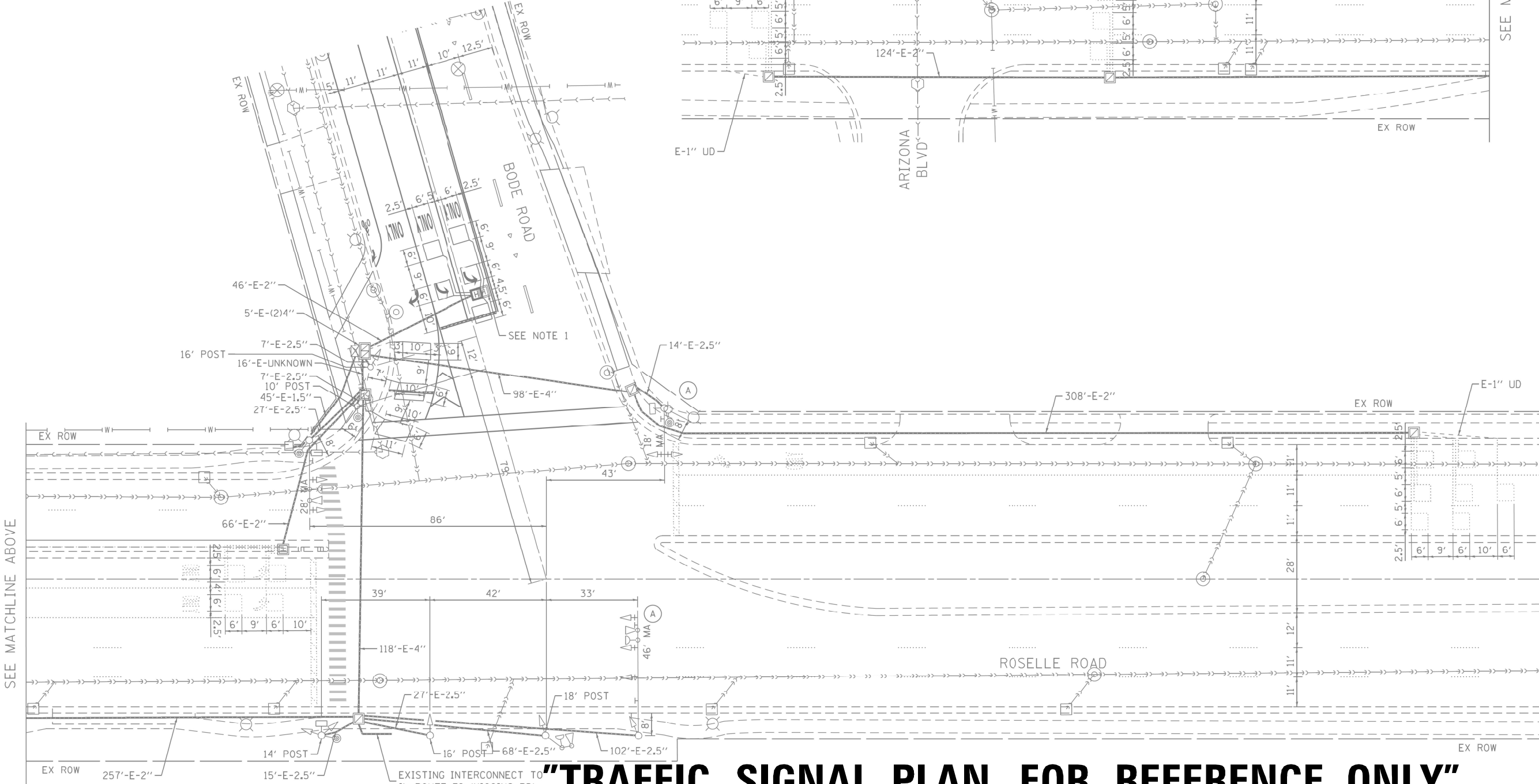
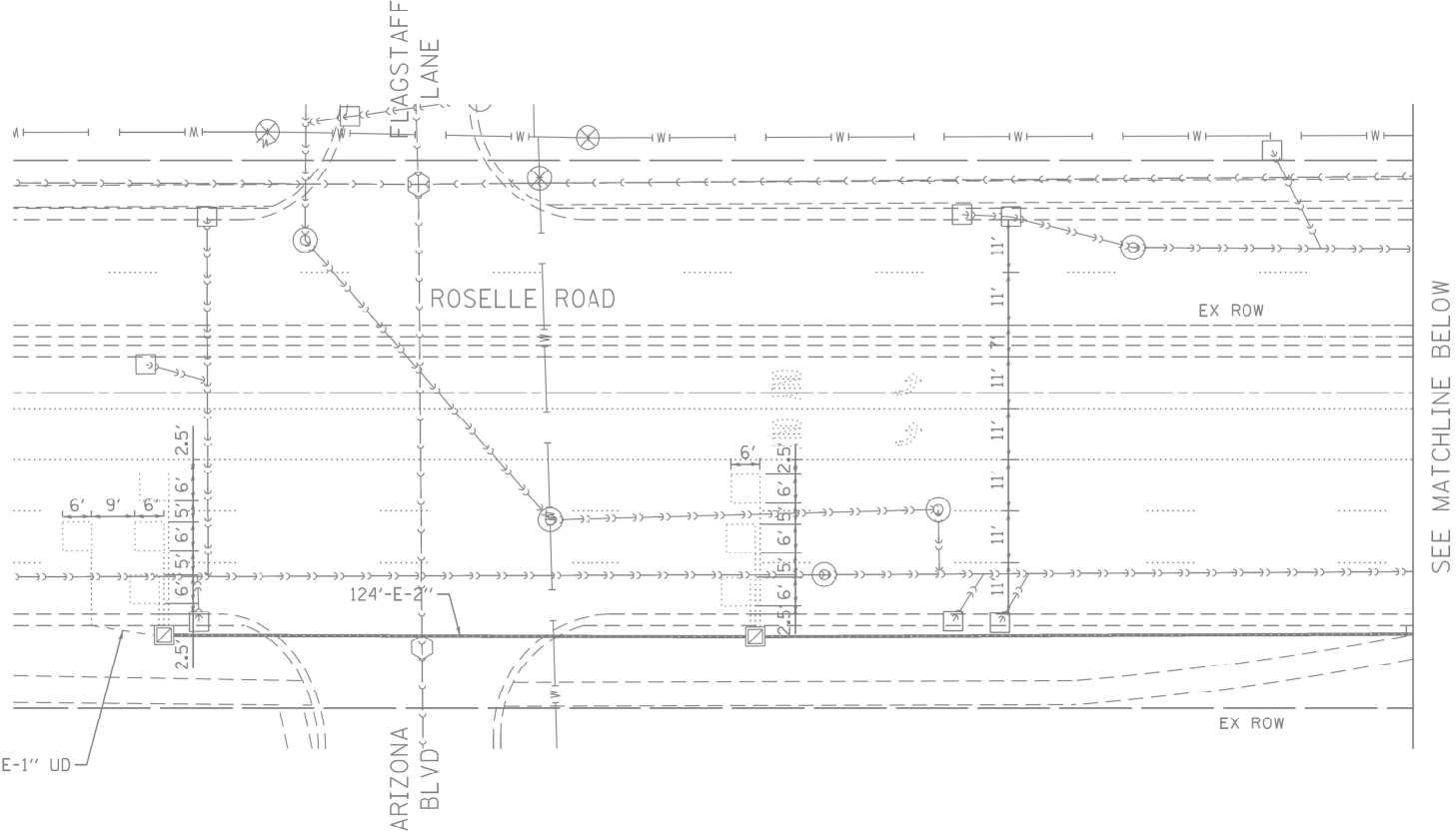
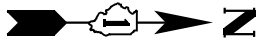
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	119
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER
- 1 EACH TRANSCEIVER FIBER OPTIC



"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TSC 10285
IDOT CENTRACS
FORMER ECON 81

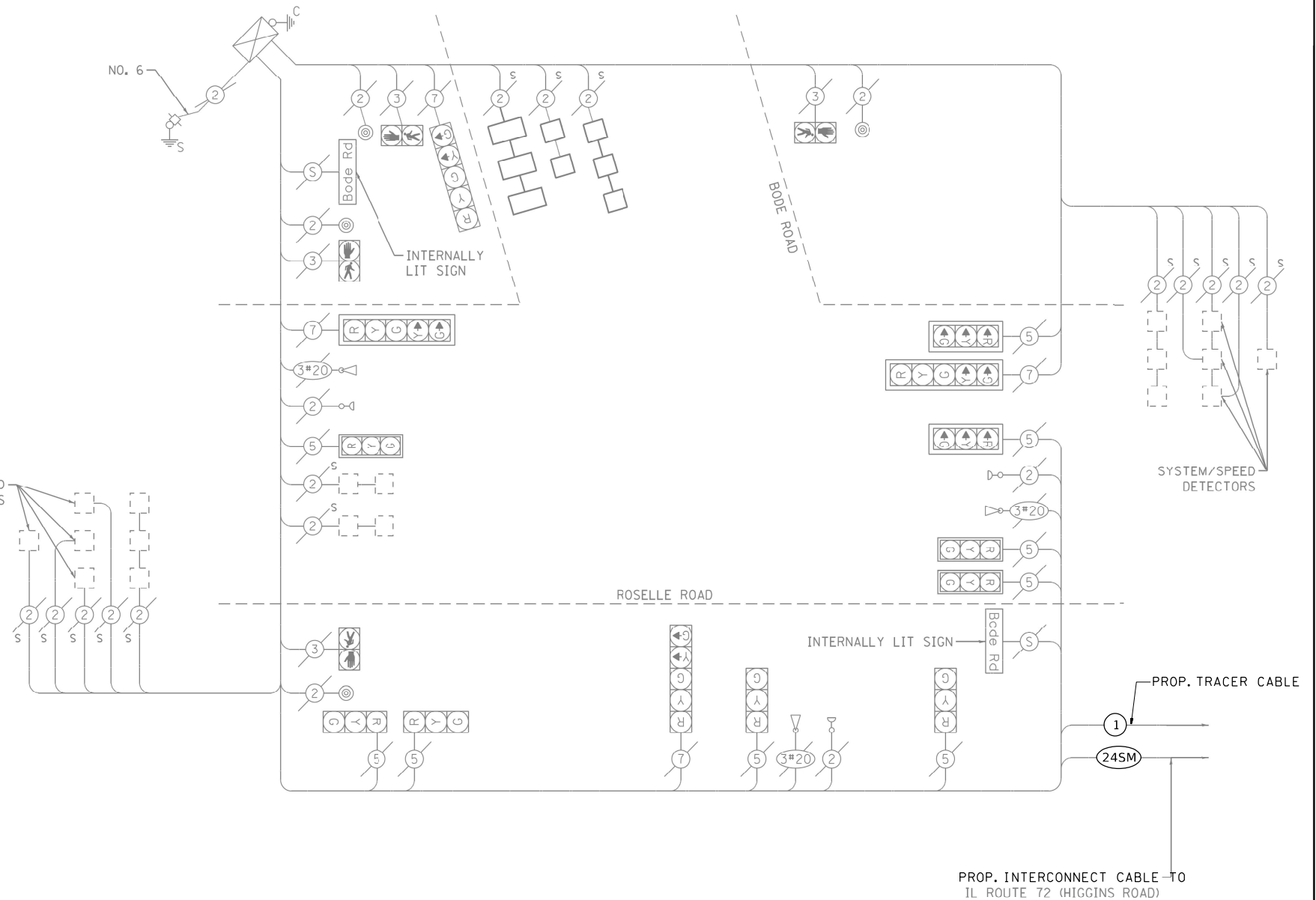
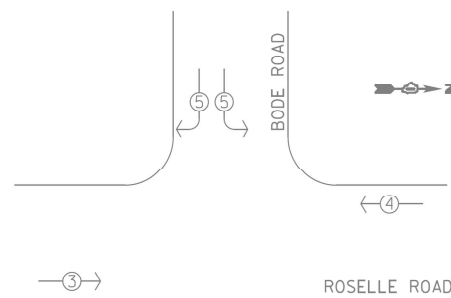
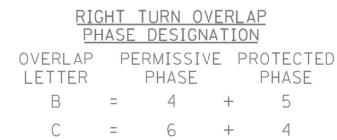
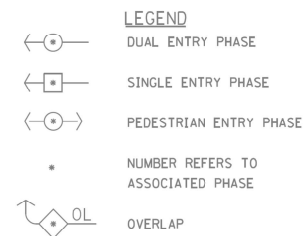
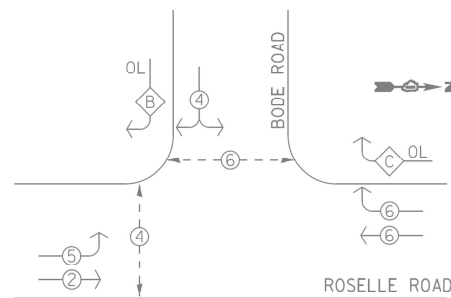
USER NAME	= Kamil.Kobylika	DESIGNED	- KK	REVISED	- KK - 08-12-2022
DRAWN	- GM	REVIS	-		
PLOT SCALE	= 40,0000 ' / in.	CHECKED	- DD	REVISED	-
PLOT DATE	= 8/15/2022	DATE	- 06/30/2022	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #43
ROSELLE ROAD AT BODE RD. INTERSECTION PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	120
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				



LOCATION: ROSELLE ROAD AT BODE ROAD
COOK COUNTY
DEPARTMENT OF TRANSPORTATION AND HIGHWAYS
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. LAMPS	WATTAGE	%OPERATION	TOTAL WATTAGE
ONTROLLER	1	100	1.00	100.00
EHICLE DET.	15	5	1.00	75.00
ED. SIGNAL	4	25	1.00	100.00
W SIGNAL (RED)	13	17	0.50	110.50
(YELLOW)	11	25	0.05	13.75
(GREEN)	11	15	0.45	74.25
(ARROW)	6	12	0.10	7.20
LUMINATED LED STREET NAME 6'	2	108	0.40	86.40
TOTAL =				567.10

ENERGY COSTS TO:

ENERGY COST SHARE:

COOK COUNTY BUREAU OF ADMINISTRATION
118 N. CLARK STREET, ROOM 801
CHICAGO, IL 60602
TOWER ACCOUNT NO. 7584152088
SUPPLEMENT NO. NC150368

COOK COUNTY: 67%

VILLAGE OF HOFFMAN ESTATES
1900 HASSELL ROAD
HOFFMAN ESTATES, IL 60169

HOFFMAN ESTATES: 33%

ENERGY SUPPLY CONTACT:

EFFECTIVE DATE:

COMPANY: COMED
PHONE: (866) 639-3532

TO BE DETERMINED

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1
SPLICE FIBER IN CABINET	EACH	6

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION #43
ROSELLE ROAD AT BODE RD. CABLE PLAN

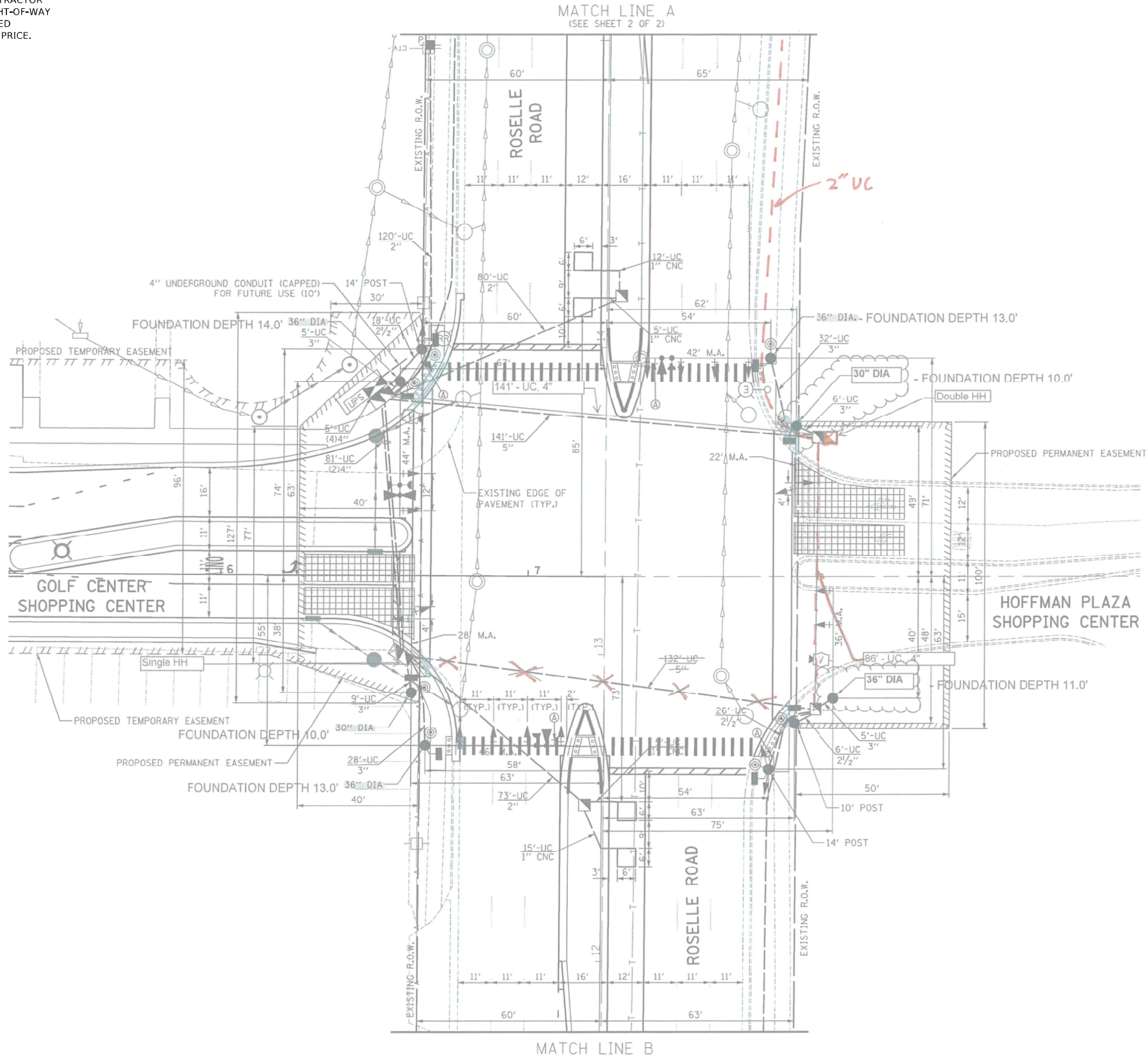
TSC 10285
IDOT CENTRACS
FORMER ECON 81

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	121
		CONTRACT NO. 62R81		
ILLINOIS		FED. AID PROJECT		

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1 EACH TRANSCEIVER FIBER OPTIC



"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TSC 10291
IDOT CENTRACS
FORMER ECON 81

MODEL: Default
FILE: \\nslc-prod\slc-pw-bentley.com\PIV\DOT\Documents\DOT Offices\District 1\Projects\T15476\CADD\Traffic\T15476-nt-t-2.dgn

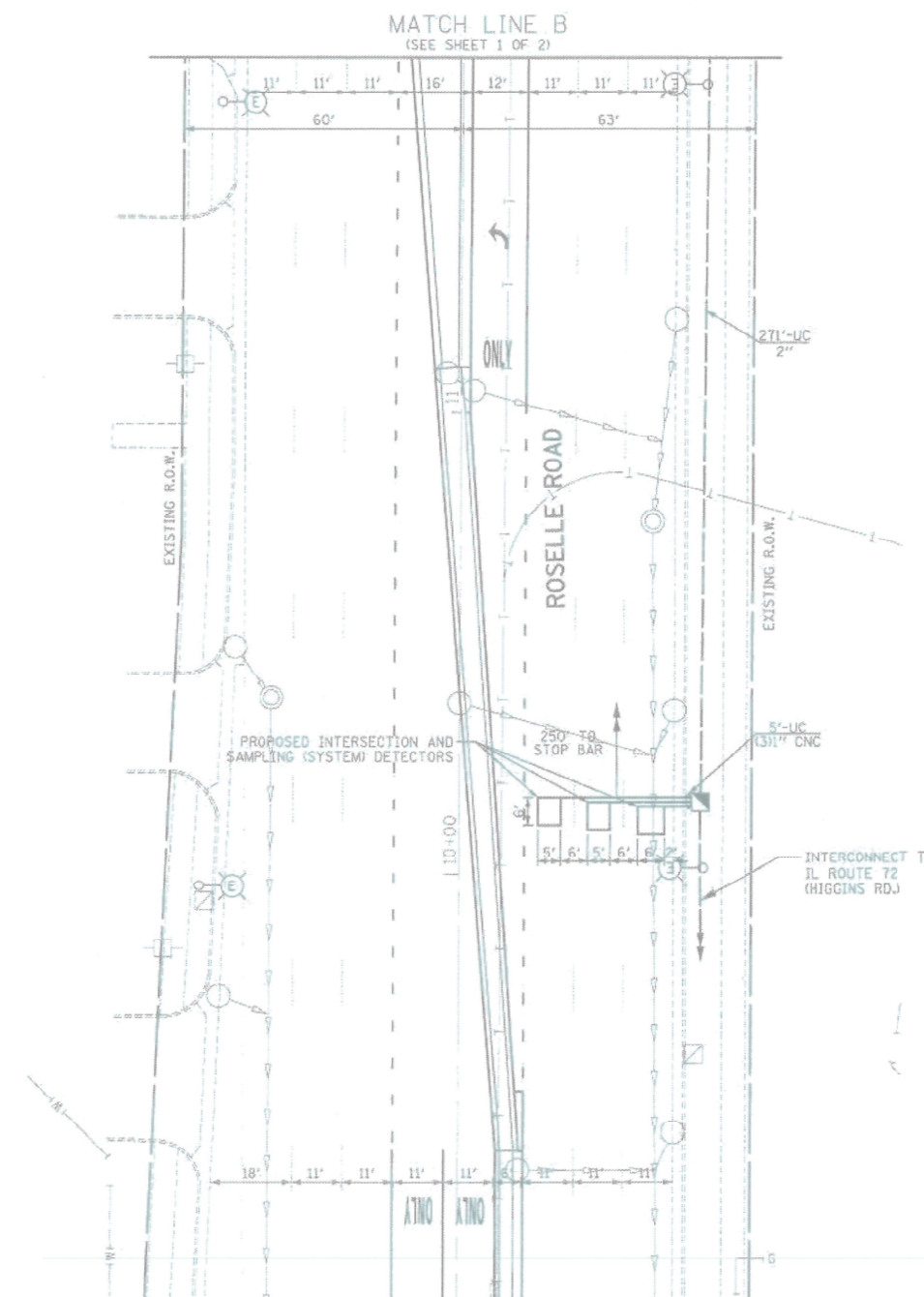
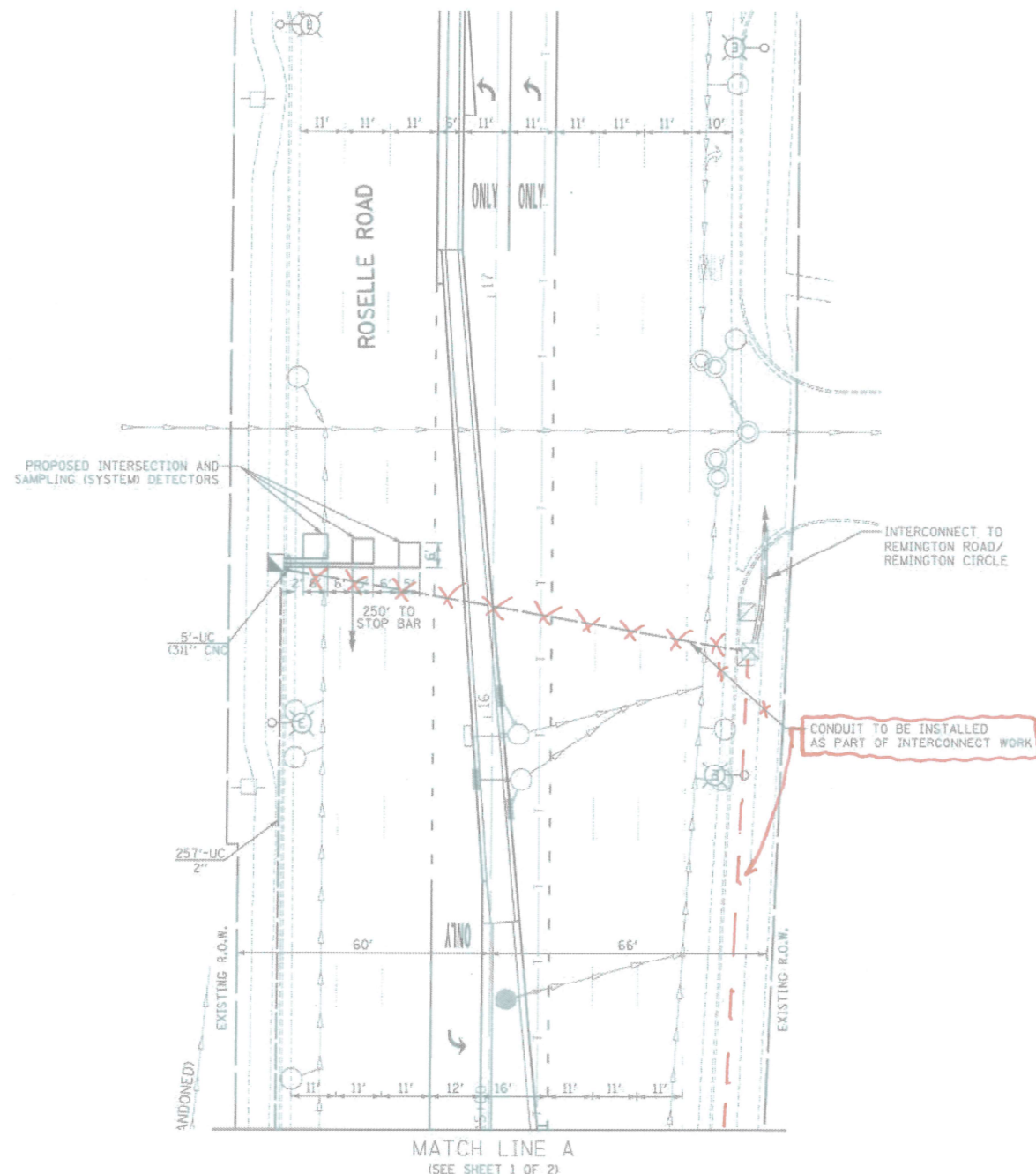
USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #44
ROSELLE ROAD AT GOLF CENTER INTERSECTION PLAN SHEET 1

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	122
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				



"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TSC 10291
IDOT CENTRACS
FORMER ECON 81

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

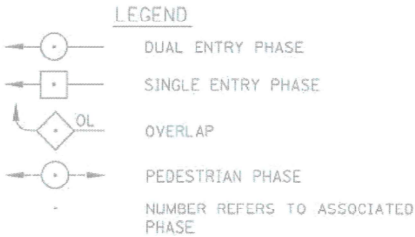
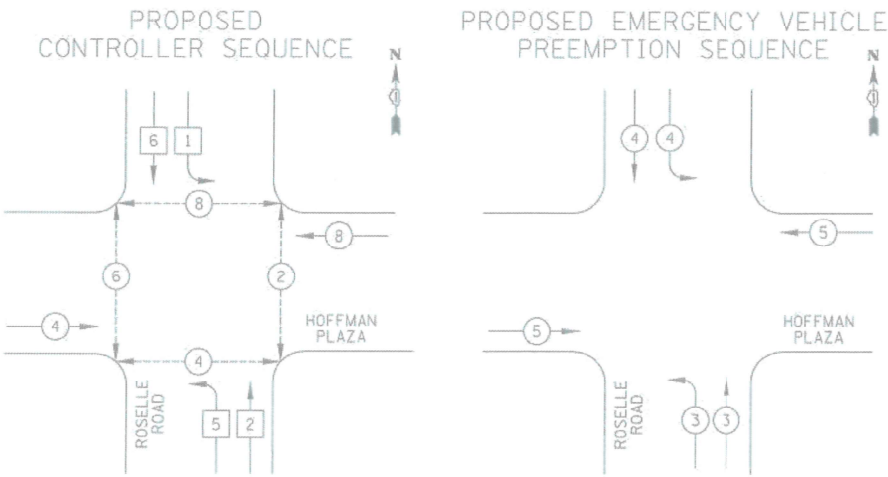
LOCATION #44
ROSELLE ROAD AT GOLF CENTER INTERSECTION PLAN SHEET 2

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	123
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
CENTRACS LICENSE EXPANSION	EACH	1
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1
SPLICE FIBER IN CABINET	EACH	6



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT			

NOTE: PHASES 2 + 6 SHALL BE PLACED IN RECALL

TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	20		17	0.50	170
(YELLOW)	20		25	0.25	125
(GREEN)	20		15	0.25	75
ARROW			12	0.10	
PED. SIGNAL	8		25	1.00	200
CONTROLLER	1		100	1.00	100
VIDEO SYSTEM	1		150	1.00	150
FLASHER				0.50	
TOTAL =					820

ENERGY COSTS TO: VILLAGE OF HOFFMAN ESTATES
1900 HASSELL ROAD
HOFFMAN ESTATES, IL 60169
ENERGY SUPPLY: CONTACT: DAVE GARDNER
PHONE: 630-691-4393
COMPANY: COM ED

USER NAME = Kamil.Kobylka
DESIGNED - KK
DRAWN - GM
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 8/15/2022

DESIGNED - KK
DRAWN - GM
CHECKED - DD
DATE - 06/30/2022

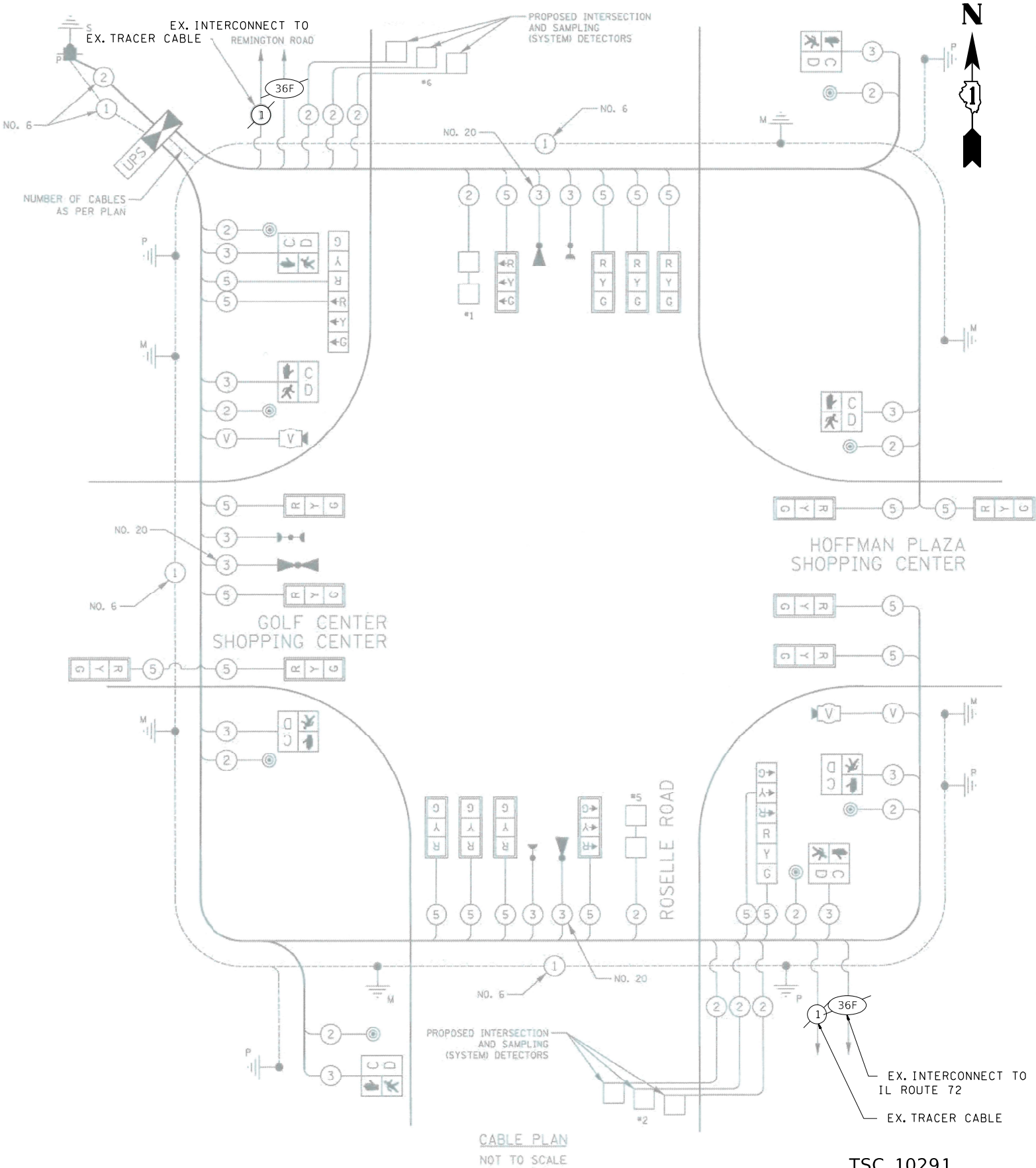
REVISED - KK - 08-12-2022
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #44
ROSELLE ROAD AT GOLF CENTER CABLE PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	124
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

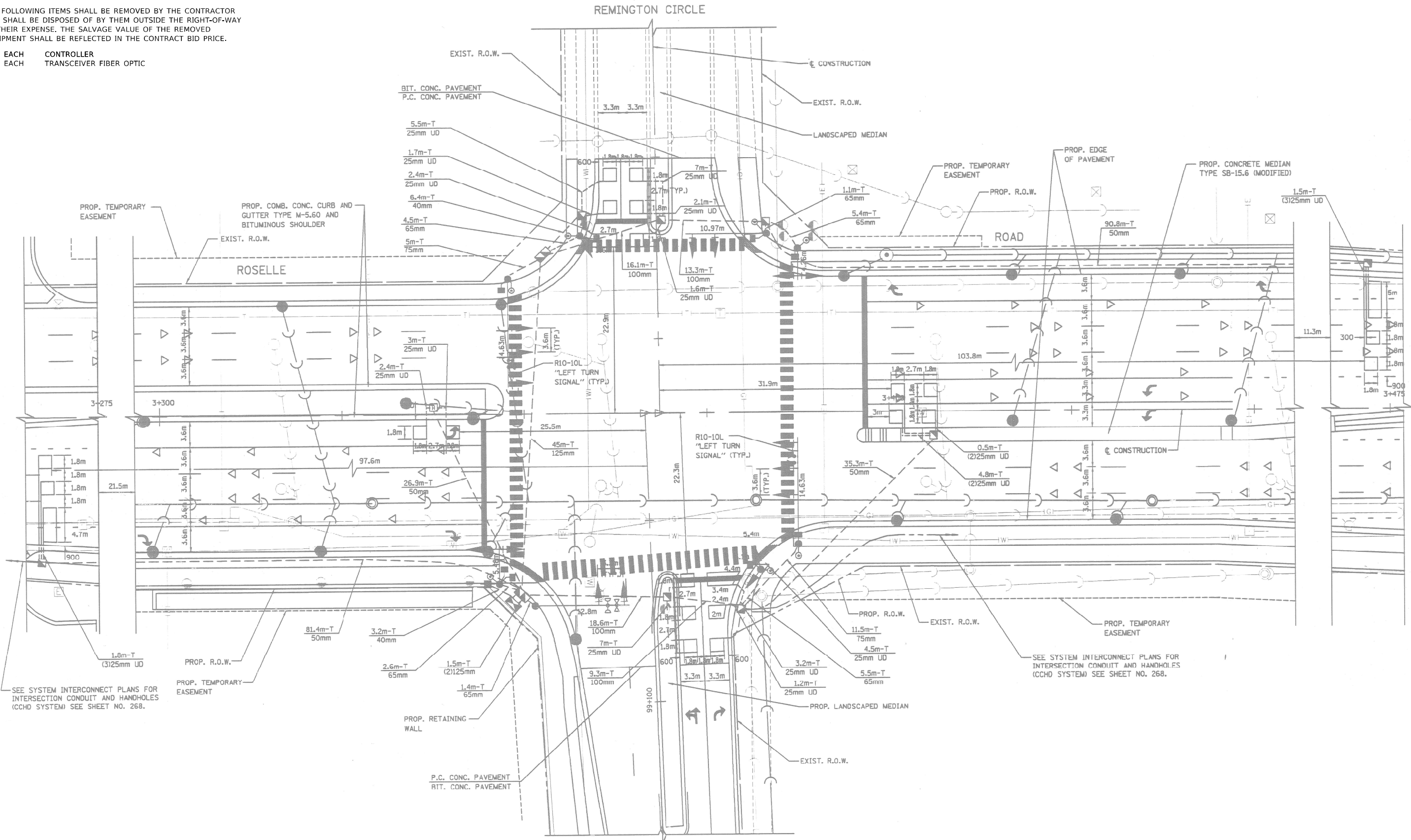
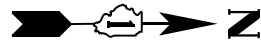


TSC 10291
IDOT CENTRACS
FORMER ECON 81

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER
1 EACH TRANSCEIVER FIBER OPTIC



"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TSC 10287
IDOT CENTRACS
FORMER ECON 81

MODEL: Default
FILE: \\idot-arb\pwworkspace\benfay.com\PIV\DOT\Documents\DOT Office\District 1\Projects\T15476\CADD\Traffic\T15476-nt-tsc2.dgn

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #45
ROSELLE ROAD AT REMINGTON RD. INTERSECTION PLAN

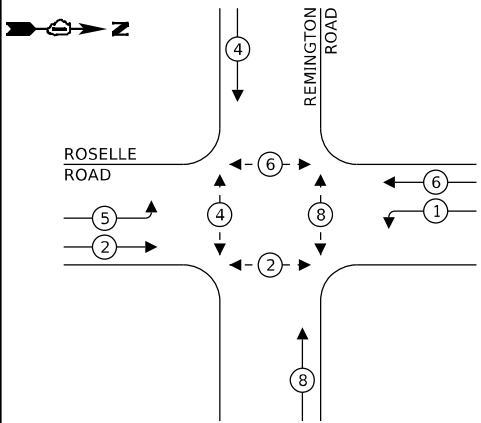
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	125
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1
SPLICE FIBER IN CABINET	EACH	6

PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← (*) → PROTECTED PHASE
- ← (*) - - - PROTECTED/PERMITTED PHASE
- ← (*) → PEDESTRIAN PHASE
- ← OL → OVERLAP
- ← FF → FREE FLOW

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	18	11	50	99.0
(YELLOW)	18	20	5	18.0
(GREEN)	18	12	45	97.2
PERMISSIVE ARROW	20	10	10	20
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	4	120	50	240
LUMINAIRE	-	-	-	-
TOTAL =				759.2

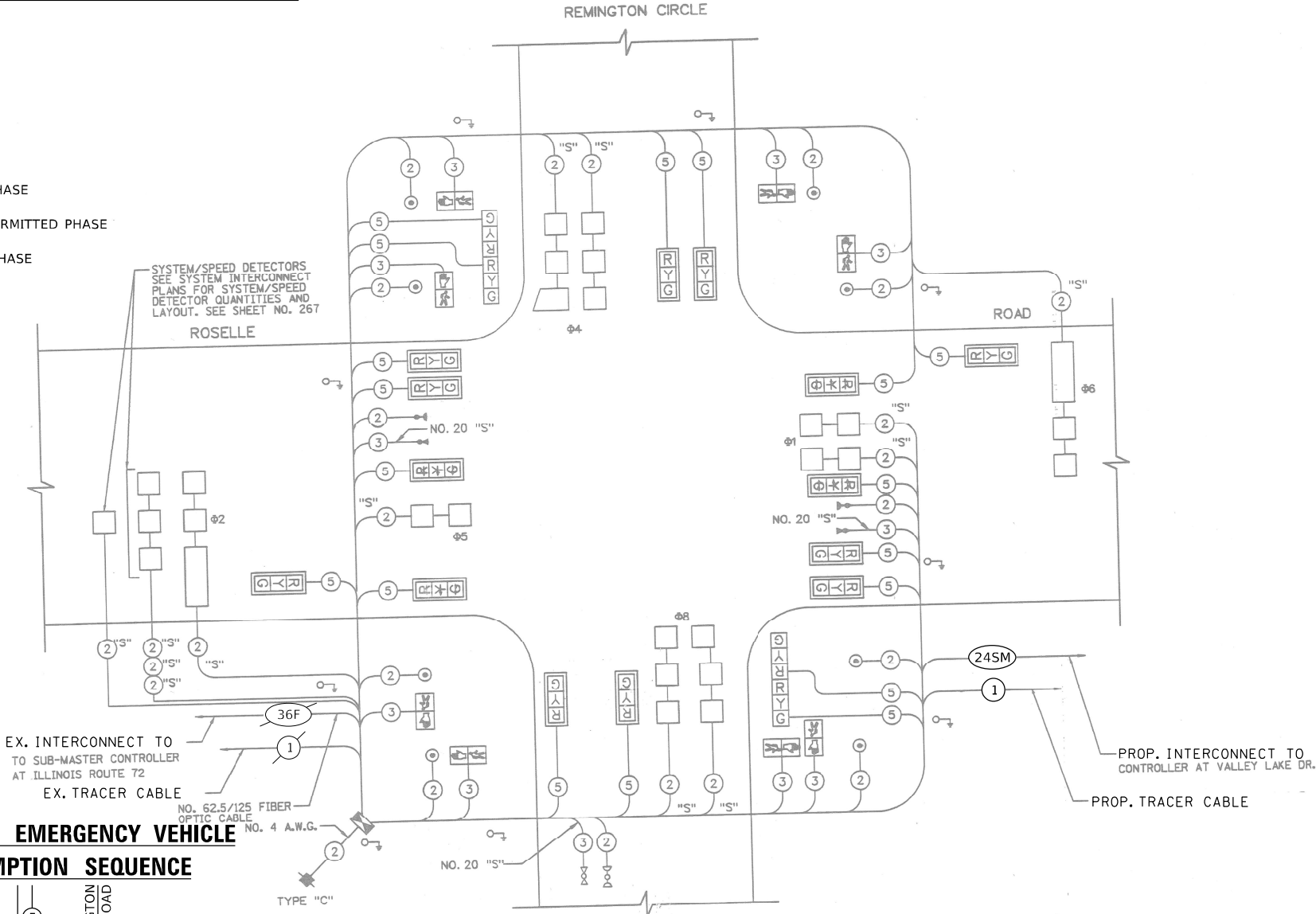
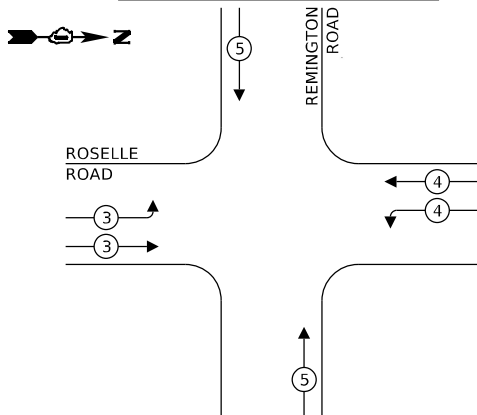
ENERGY COSTS TO:

COOK COUNTY DEPARTMENT OF HIGHWAYS

60 W WASHINGTON ST
CHICAGO, IL 60602

ENERGY SUPPLY: CONTACT: JOE STACHO
PHONE: (630) 424-5704
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

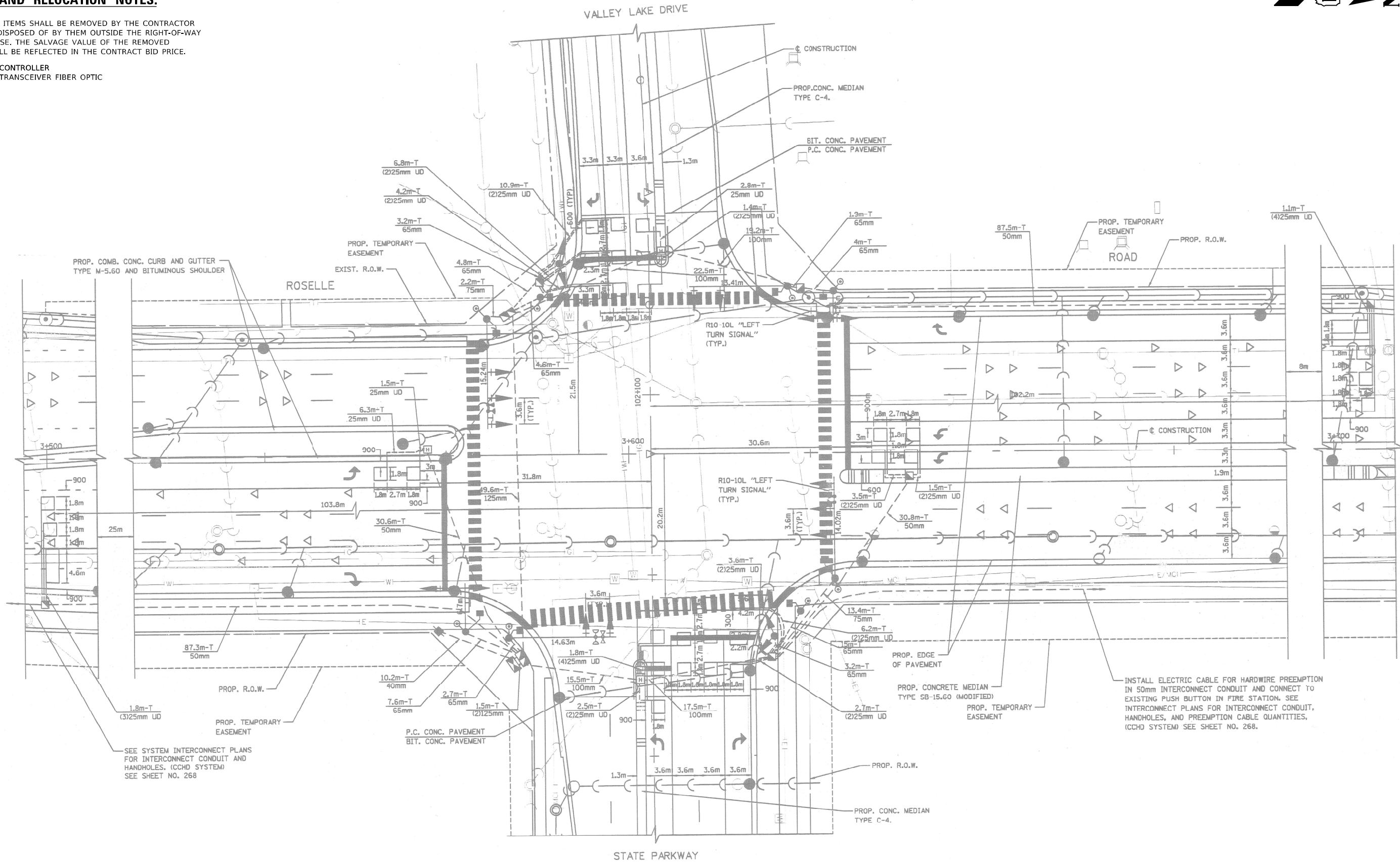
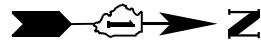
PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER
1 EACH TRANSCEIVER FIBER OPTIC



"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TSC 10563
IDOT CENTRACS
FORMER ECON 81

MODEL: Default
FILE: \\idot-cw-bentley.com\planning\dot\Documents\DOT Office\District 1\Projects\T15476\CADData\Traffic\T15476-nt-t2.dgn

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

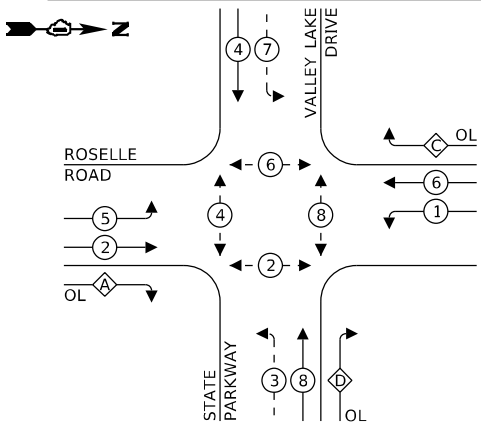
LOCATION #46			
ROSELLE ROAD AT VALLEY LAKE DR./STATE PKWY. INTERSECTION PLAN			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	127
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1
SPLICE FIBER IN CABINET	EACH	6

PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← (*) → PROTECTED PHASE
- ← (*) - - PROTECTED/PERMITTED PHASE
- ← (*) → PEDESTRIAN PHASE
- ← (*) OL OVERLAP
- ← (*) FF FREE FLOW

RIGHT TURN OVERLAP
PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A =	2 +	3
C =	6 +	7
D =	8 +	1

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

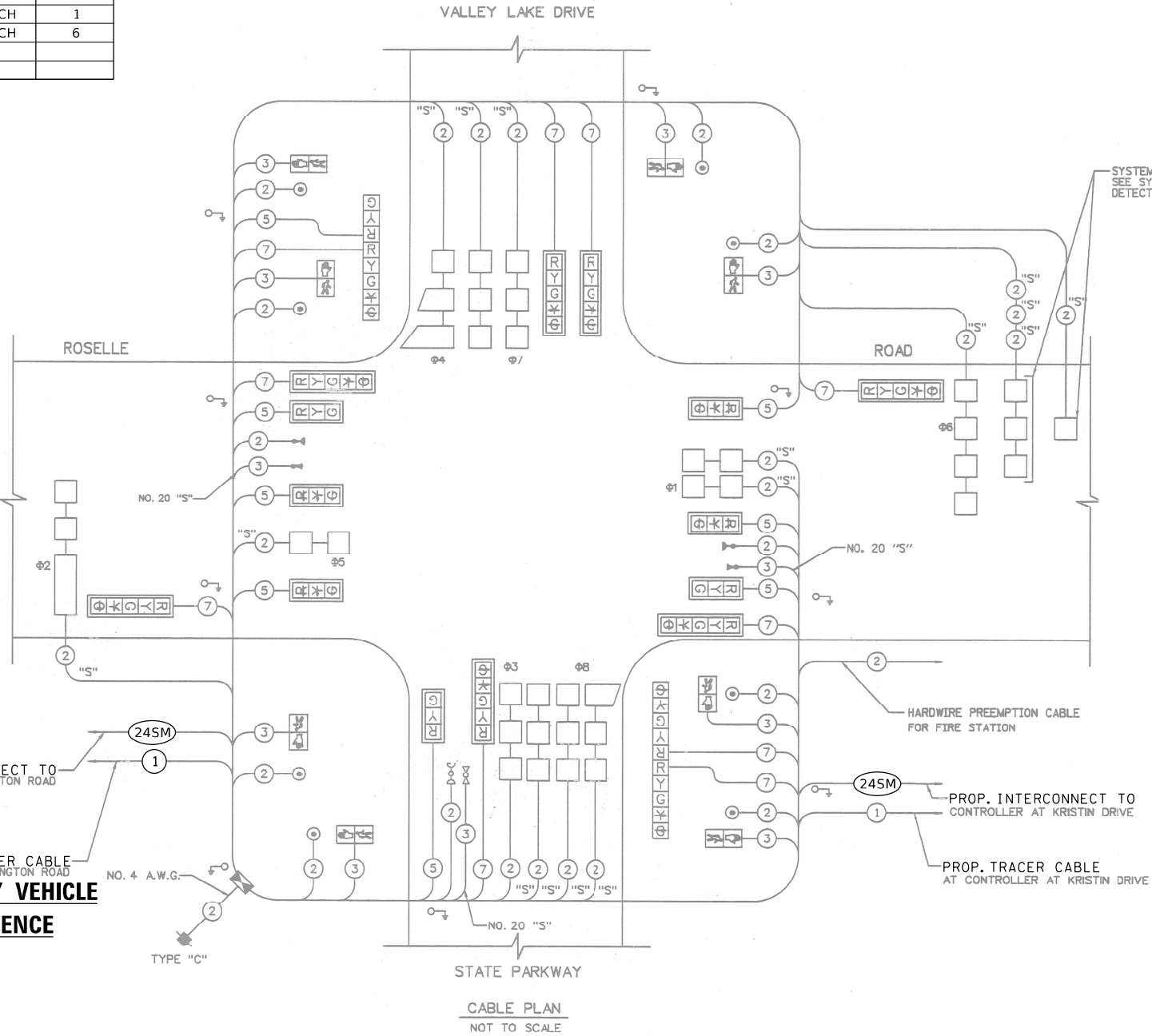
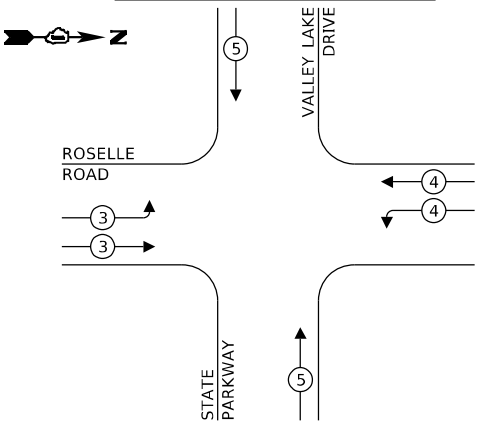
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	18	11	50	99.0
(YELLOW)	18	20	5	18.0
(GREEN)	18	12	45	97.2
PERMISSIVE ARROW	20	10	10	20
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	4	120	50	240
LUMINAIRE	-	-	-	-
TOTAL =				759.2

ENERGY COSTS TO:

COOK COUNTY DEPARTMENT OF HIGHWAYS
60 W WASHINGTON ST
CHICAGO, IL 60602

ENERGY SUPPLY: CONTACT: JOE STACHO
PHONE: (630) 424-5704
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



SYSTEM/SPEED DETECTORS
SEE SYSTEM INTERCONNECT PLANS FOR SYSTEM/SPEED
DETECTOR QUANTITIES AND LAYOUT. SEE SHEET NO. 268

HARDWIRE PREEMPTION CABLE
FOR FIRE STATION

PROP. INTERCONNECT TO
CONTROLLER AT KRISTIN DRIVE

PROP. TRACER CABLE
AT CONTROLLER AT KRISTIN DRIVE

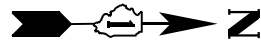
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #46
ROSELLE ROAD AT VALLEY LAKE DR./STATE PKWY. CABLE PLAN

TSC 10563
IDOT CENTRACS
FORMER ECON 81

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	128
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

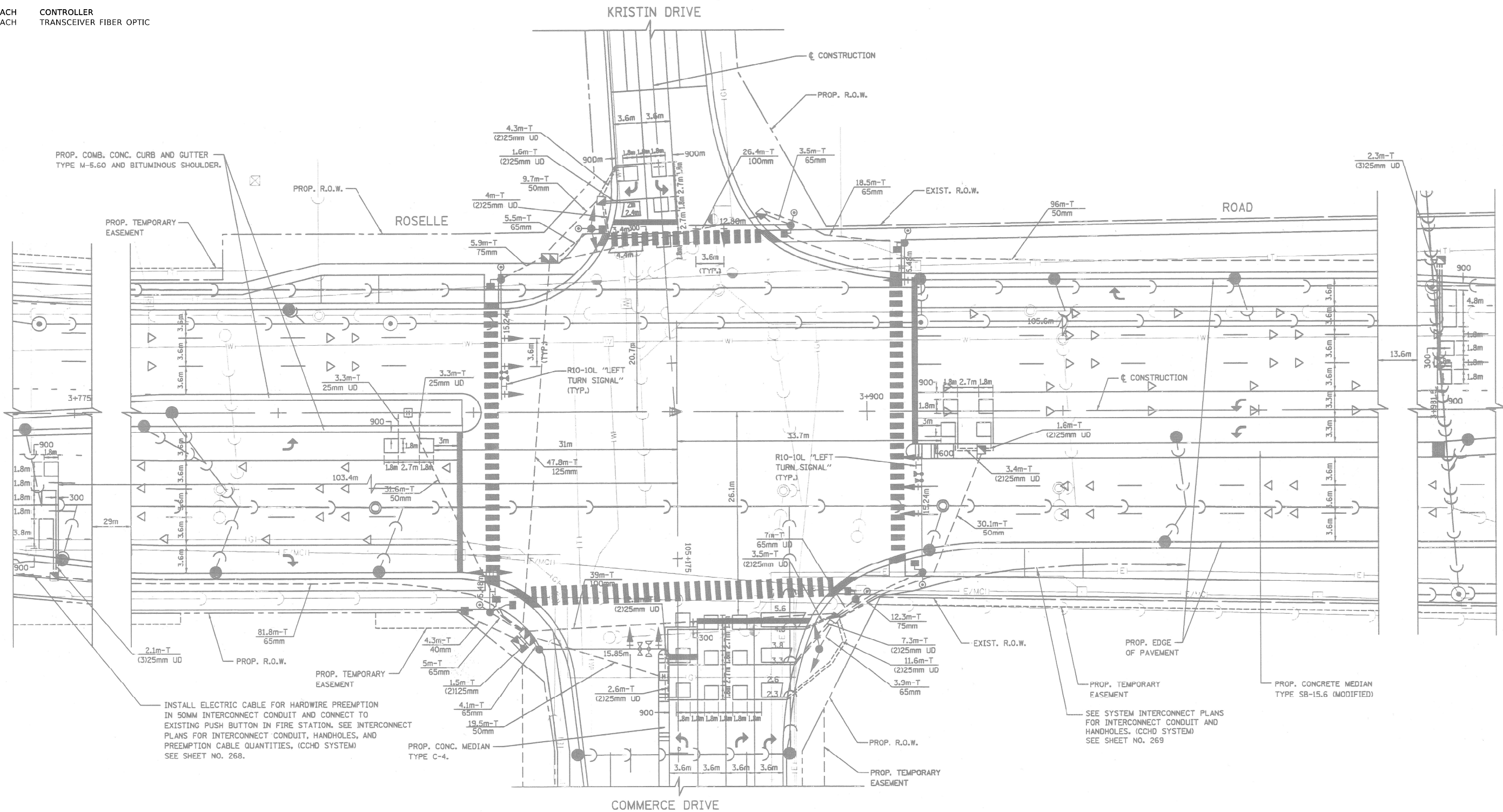
SCALE: SHEET OF SHEETS STA. TO STA.



REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER
- 1 EACH TRANSCEIVER FIBER OPTIC



"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TSC 10290
IDOT CENTRACS
FORMER ECON 81

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
DRAWN - GM	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

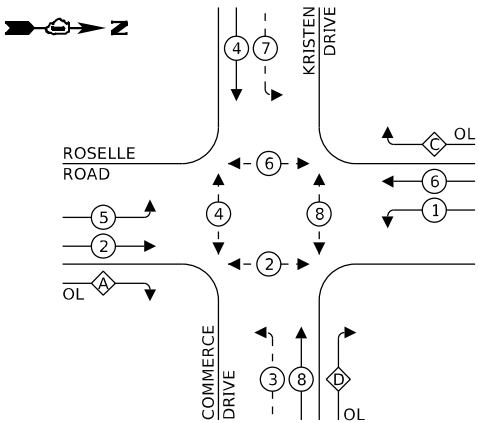
LOCATION #47			
ROSELLE ROAD AT KRISTIN DR./COMMERCE DR. INTERSECTION PLAN			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	129
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1
SPLICE FIBER IN CABINET	EACH	6

PROPOSED CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP
- FREE FLOW

RIGHT TURN OVERLAP
PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	= 2	+ 3
C	= 6	+ 7
D	= 8	+ 1

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

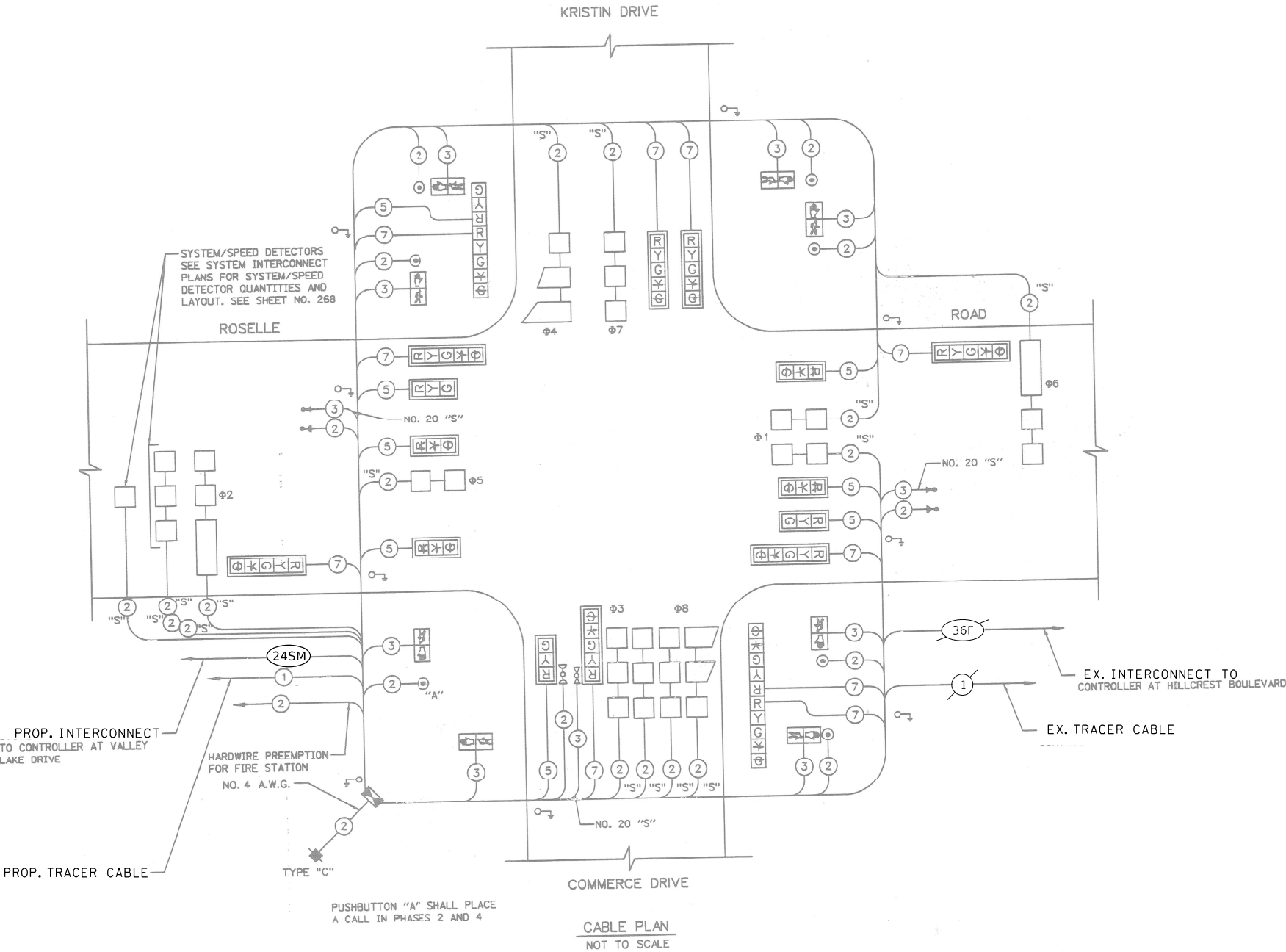
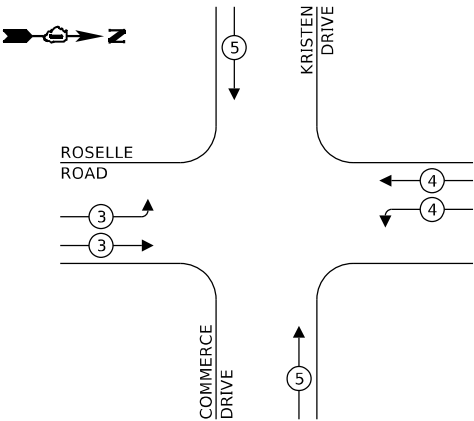
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	18	11	50	99.0
(YELLOW)	18	20	5	18.0
(GREEN)	18	12	45	97.2
PERMISSIVE ARROW	20	10	10	20
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	4	120	50	240
LUMINAIRE	-	-	-	-
TOTAL =				759.2

ENERGY COSTS TO:

COOK COUNTY DEPARTMENT OF HIGHWAYS
60 W WASHINGTON ST
CHICAGO, IL 60602

ENERGY SUPPLY: CONTACT: JOE STACHO
PHONE: (630) 424-5704
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

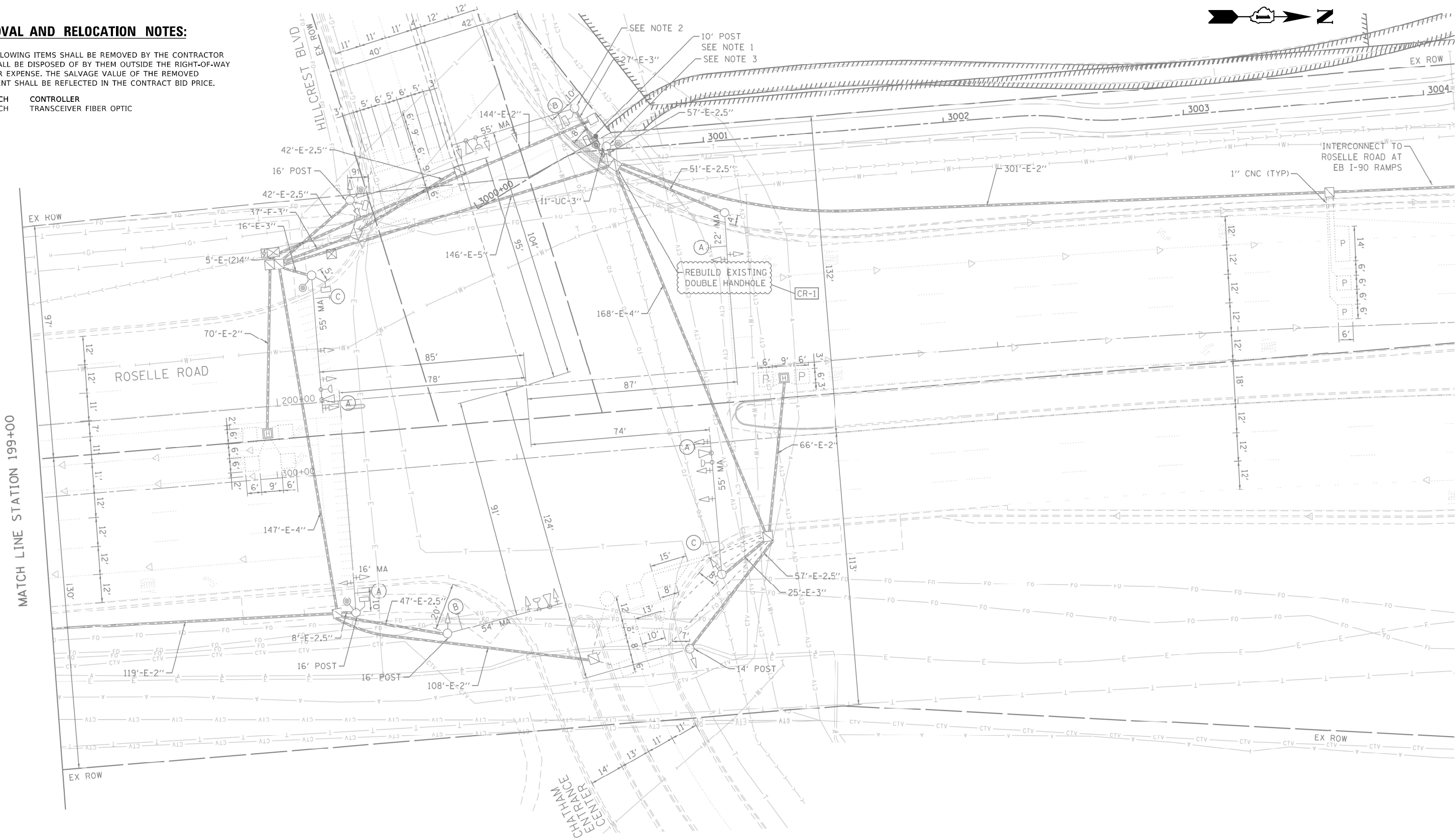
LOCATION #47
ROSELLE ROAD AT KRISTIN DR./COMMERCE PKWY. CABLE PLAN

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	130
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH CONTROLLER
- 1 EACH TRANSCEIVER FIBER OPTIC



"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TSC 10300
IDOT CENTRACS
FORMER ECON 81

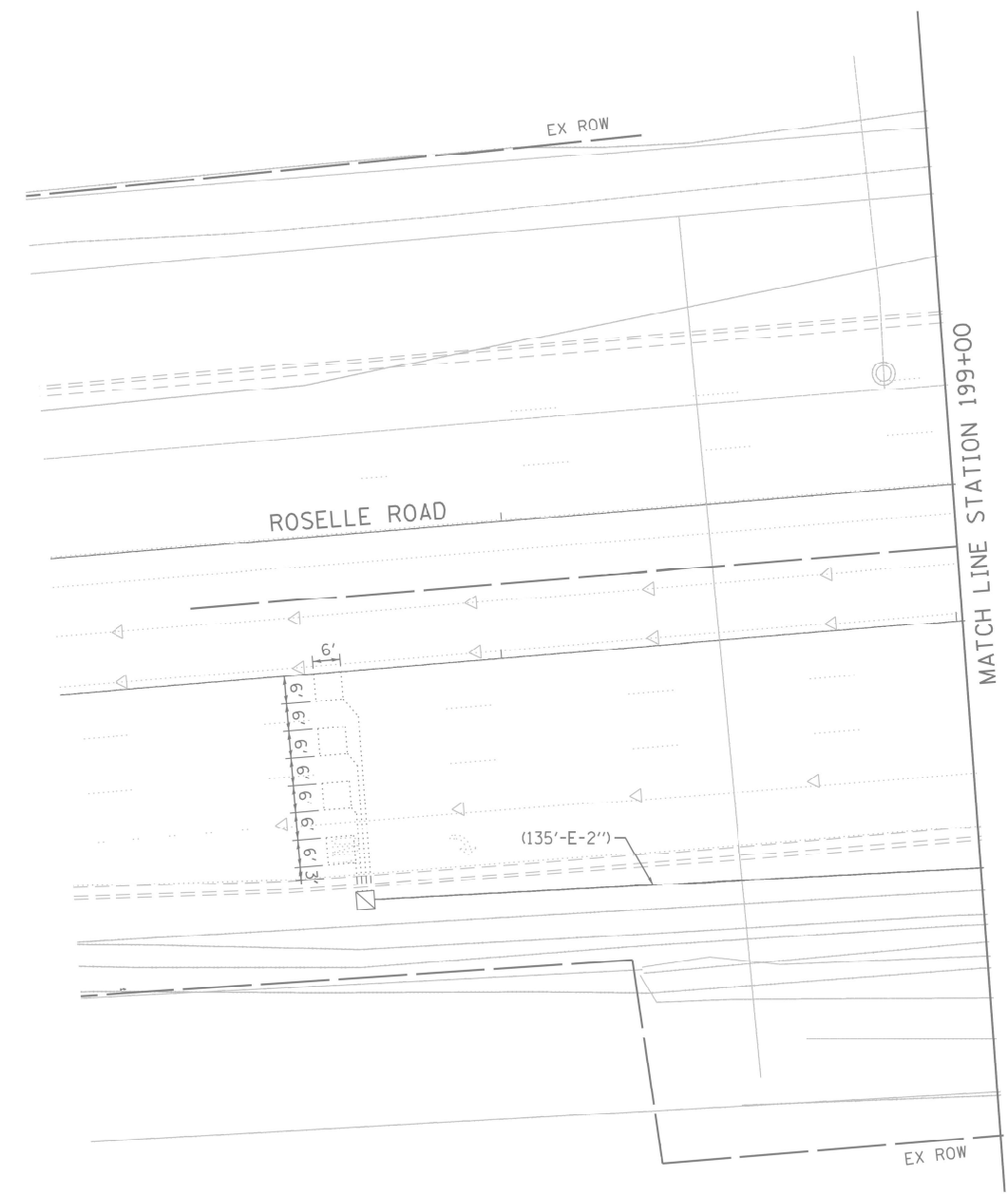
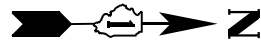
USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
DRAWN - GM	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #48
ROSELLE ROAD AT HILLCREST BLVD. INTERSECTION PLAN SHEET 1

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	131
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				



"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

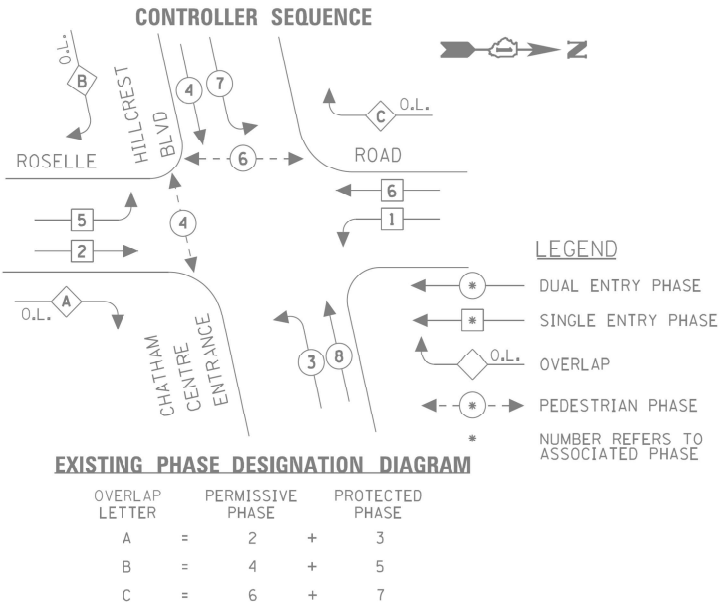
TSC 10300
IDOT CENTRACS
FORMER ECON 81

MODEL: Default
FILE: \\nslc-pw-bentley.com\PI\DOT\Documents\DOT Offices\District 1\Projects\T15476\CADD\Traffic\T15476-s-nt-t-2.dgn

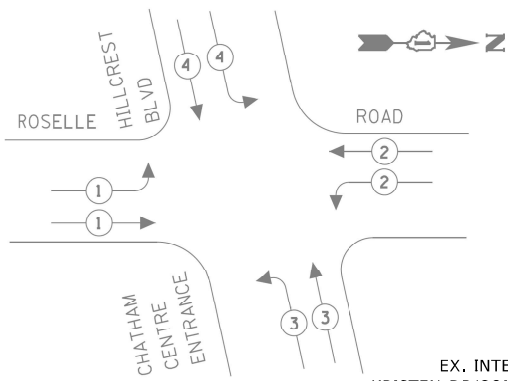
	USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #48 ROSELLE ROAD AT HILLCREST BLVD. INTERSECTION PLAN SHEET 2		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - GM	REVISED -				VAR.	2022 TRAFFIC 01	COOK	241	132
	PLOT SCALE = 40,0000 * / in.	CHECKED - DD	REVISED -				CONTRACT NO. 62R81				
	PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET	OF	SHEETS	STA.	TO STA.					

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1
SPLICE FIBER IN CABINET	EACH	6



EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE

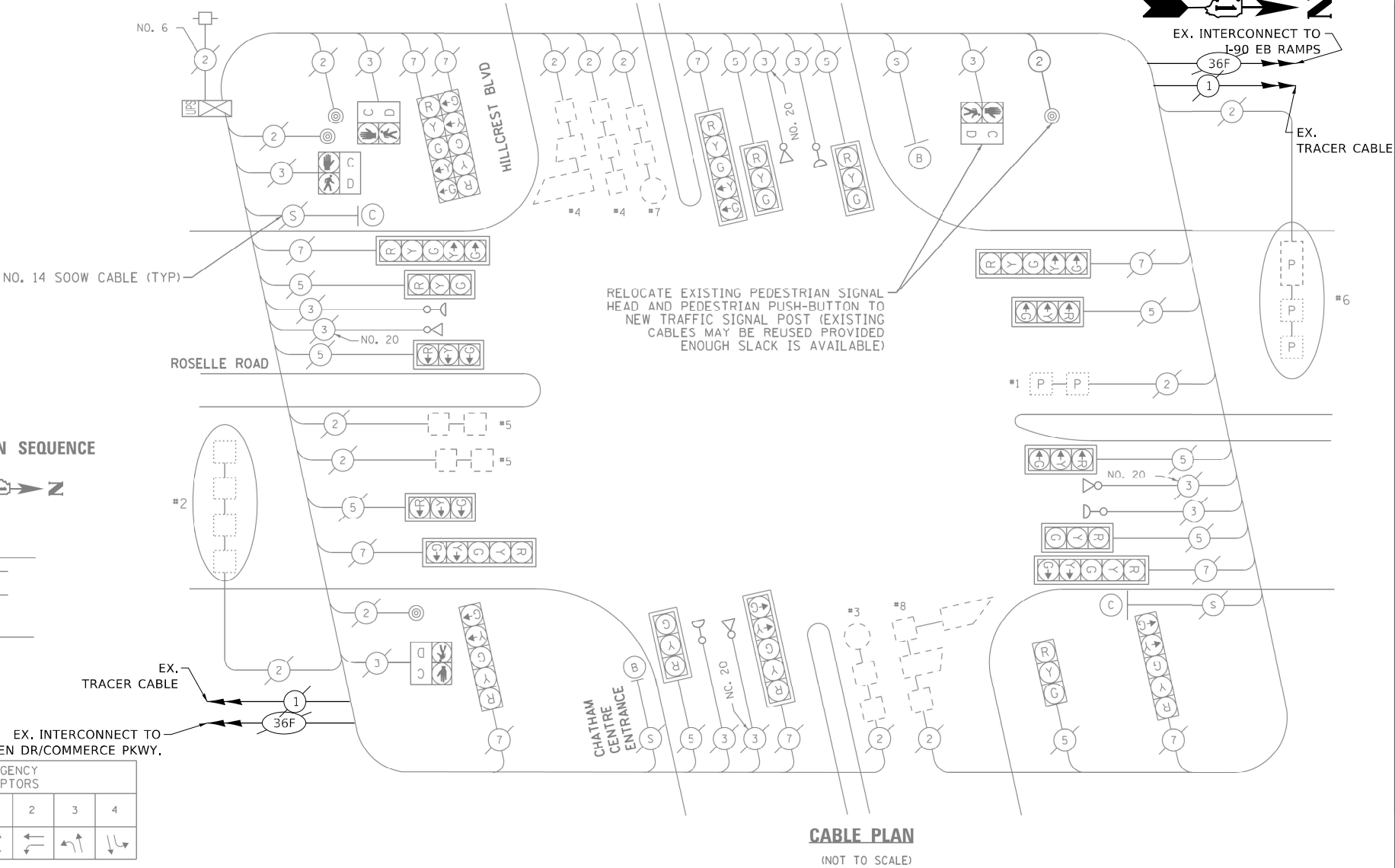


EXISTING EMERGENCY VEHICLE PREEMPTORS				
EMERGENCY VEHICLE PREEMPTOR	1	2	3	4
MOVEMENT				

NO. 14 SOOW CABLE (TYP)

EX. TRACER CABLE

EX. INTERCONNECT TO KRISTEN DR/COMMERCE PKWY.



CABLE PLAN
(NOT TO SCALE)

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE INCAND.	LED	%OPERATION	
SIGNAL (RED)	20	17		0.50	170.00
(YELLOW)	20		25	0.25	125.00
(GREEN)	20	15		0.25	75.00
ARROW	20	12		0.10	24.00
RED. SIGNAL	4	25		1.00	100.00
CONTROLLER	1	100		1.00	100.00
ILLUM. SIGN		25		0.05	
VIDEO SYSTEM				1.00	
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	594.00
COOK COUNTY HIGHWAY DEPARTMENT 69W WASHINGTON STREET, RM #2300 CHICAGO, ILLINOIS 60602-1369					
ENERGY SUPPLY CONTACT: ELEANOR SARALLO					
PHONE: (630) 424-5124					
COMPANY: COMMONWEALTH EDISON					

USER NAME = Kamil.Kobylka
DRAWN - GM
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 8/15/2022

DESIGNED - KK
DRAWN - GM
CHECKED - DD
DATE - 06/30/2022

REVISED - KK - 08-12-2022
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #48
ROSELLE ROAD AT HILLCREST BLVD. INTERSECTION PLAN SHEET 2

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	133
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

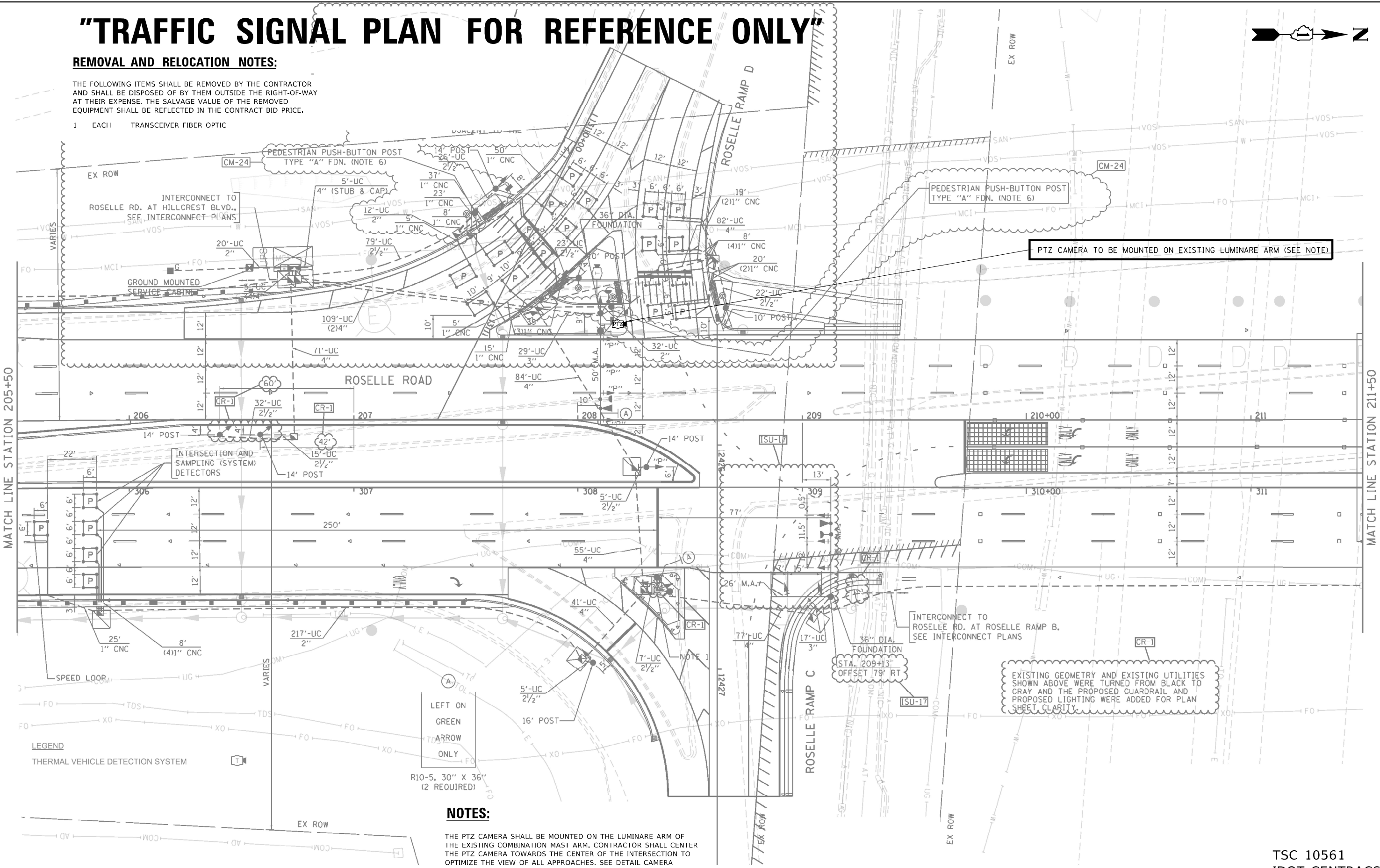
TSC 10300
IDOT CENTRACS
FORMER ECON 81

"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE, THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

- 1 EACH TRANSCEIVER FIBER OPTIC



NOTES:

THE PTZ CAMERA SHALL BE MOUNTED ON THE LUMINARE ARM OF THE EXISTING COMBINATION MAST ARM. CONTRACTOR SHALL CENTER THE PTZ CAMERA TOWARDS THE CENTER OF THE INTERSECTION TO OPTIMIZE THE VIEW OF ALL APPROACHES. SEE DETAIL CAMERA MOUNTING DETAIL.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

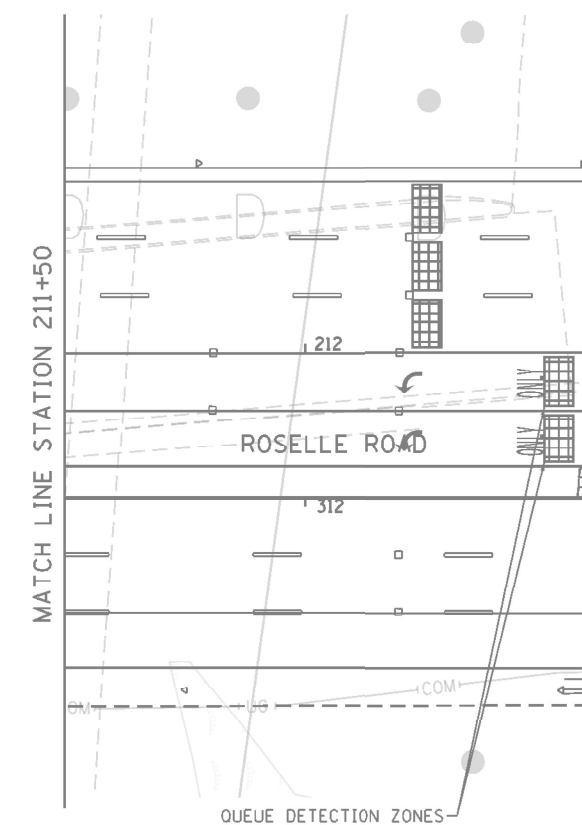
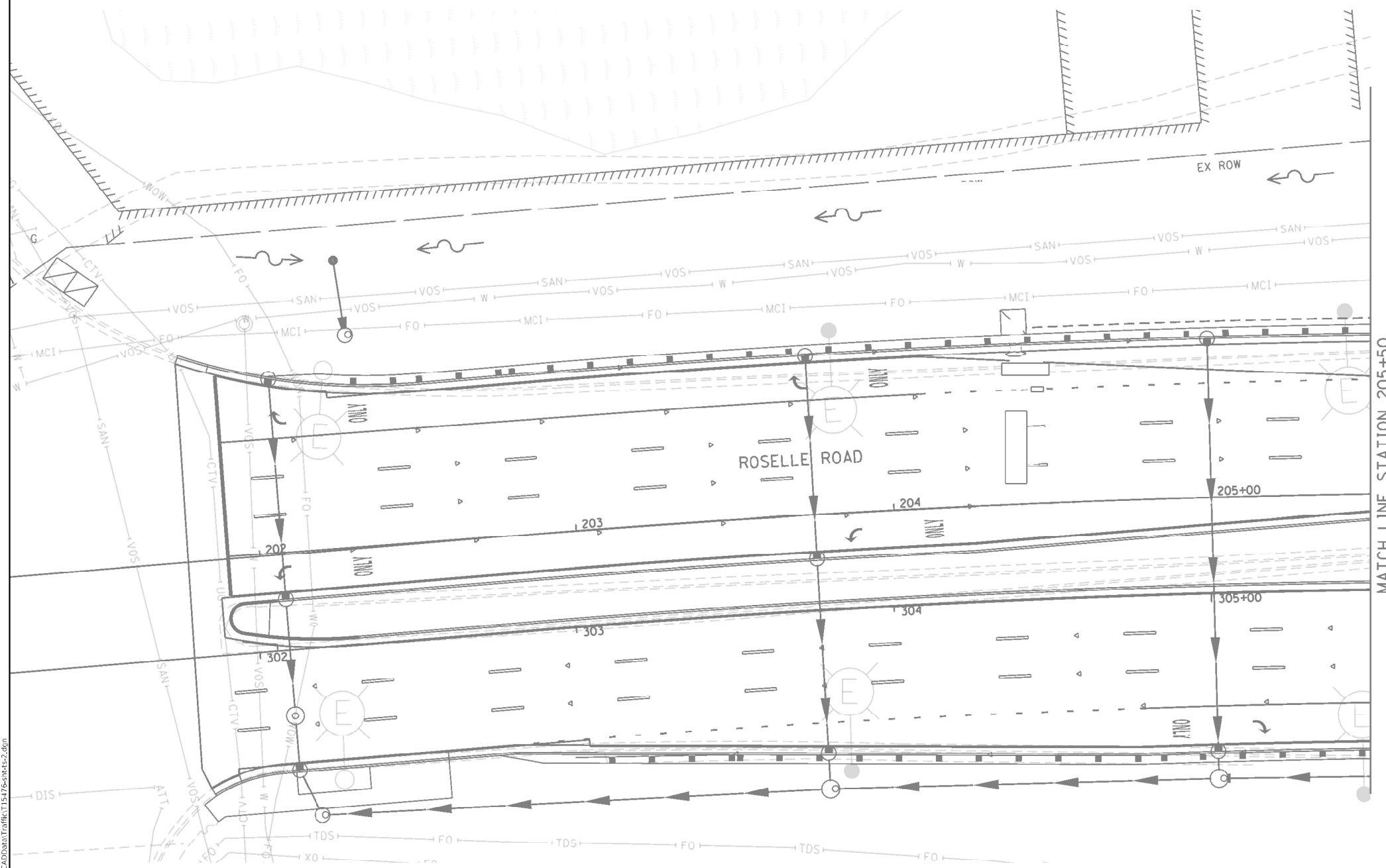
LOCATION #49
ROSELLE ROAD AT I-90 EB RAMPS INTERSECTION PLAN SHEET 1

TSC 10561
IDOT CENTRACS
FORMER ECON 81

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
PLOT SCALE = 40,0000 * / in.	DRAWN - GM	REVISED -
PLOT DATE = 8/15/2022	CHECKED - DD	REVISED -
	DATE - 06/30/2022	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	134
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				



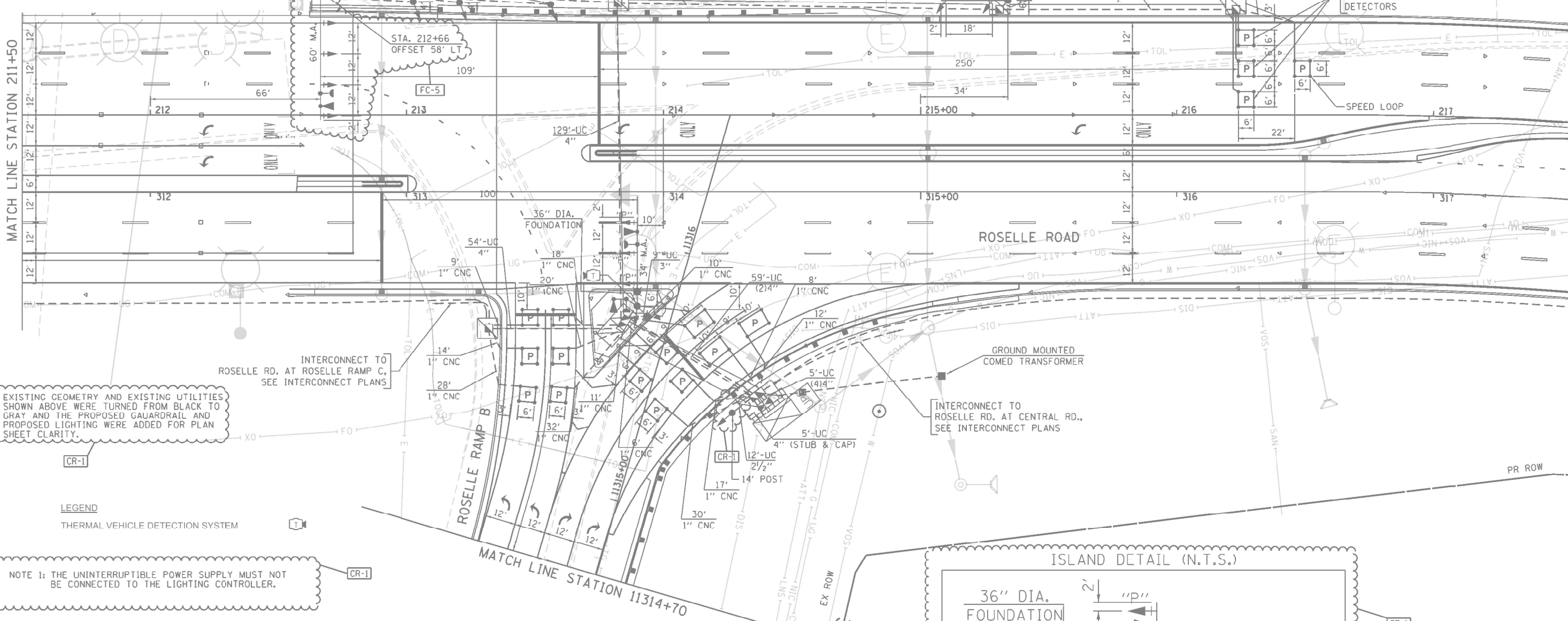
TSC 10561
IDOT CENTRACS
FORMER ECON 81

FILE NAME: D:\2022\2201\220101\220101.dwg	USER NAME = KamilKobylka	DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #49 ROSELLE ROAD AT I-90 EB RAMPS INTERSECTION PLAN SHEET 2				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - GM	REVISED -						VAR.	2022 TRAFFIC 01	COOK	241	135
	PLOT SCALE = 40,0000' / in.	CHECKED - DD	REVISED -		CONTRACT NO. 62R8								
	PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -										
						SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1 EACH TRANSCEIVER FIBER OPTIC



"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TSC 10560
IDOT CENTRACS
FORMER ECON 81

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
DRAWN - GM	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

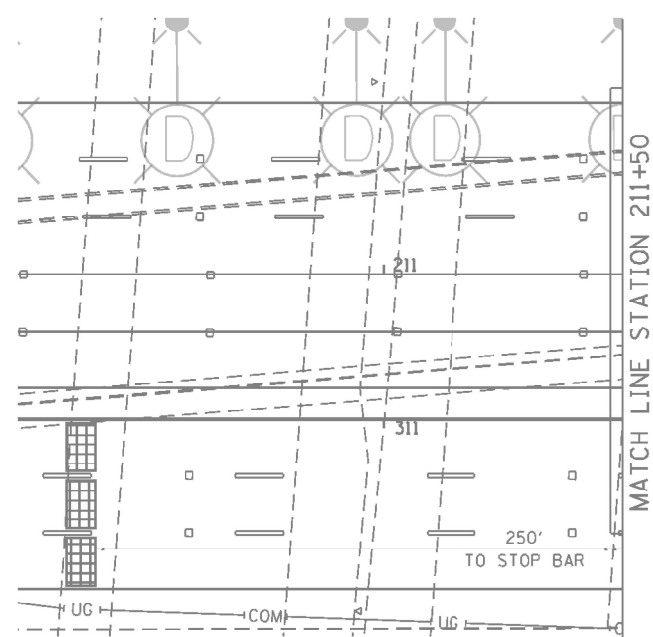
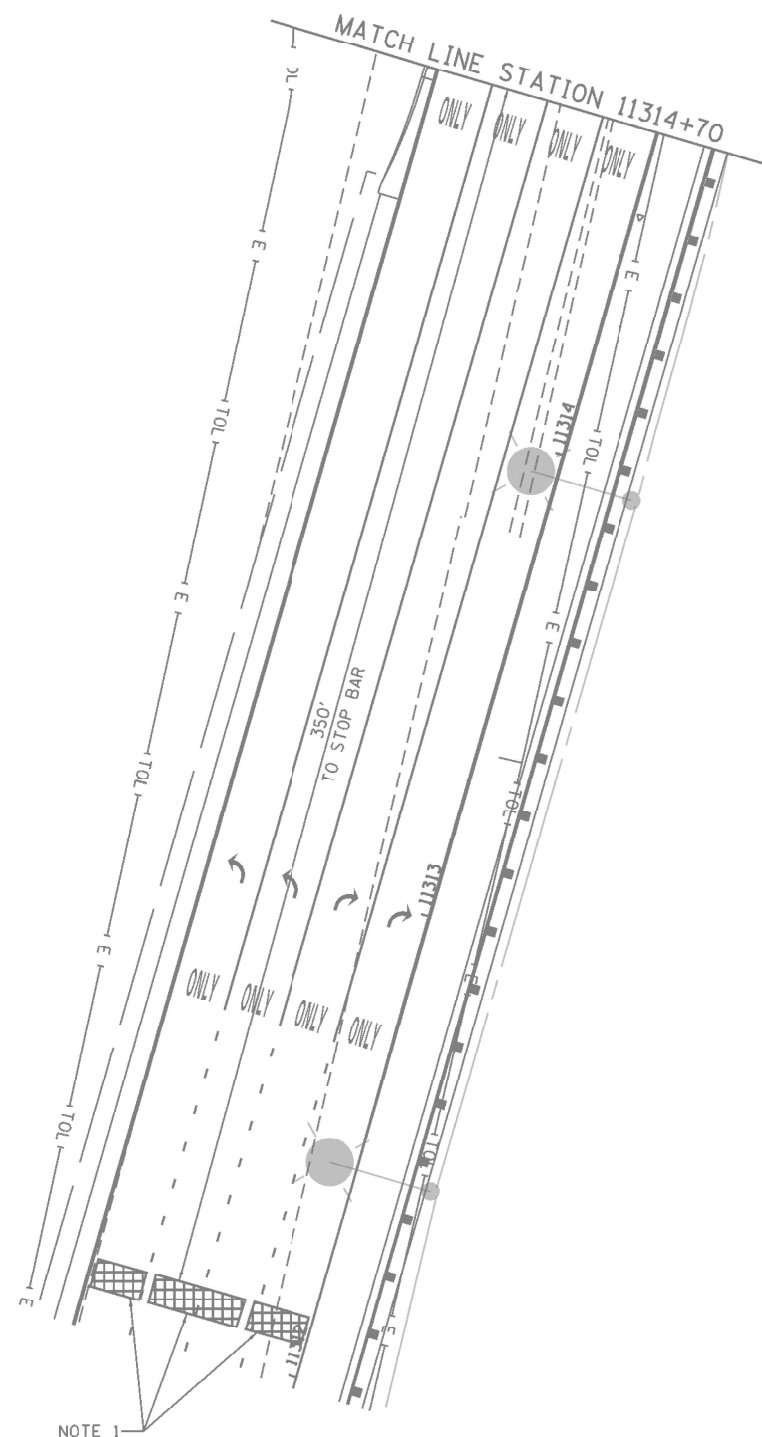
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #50
ROSELLE ROAD AT I-90 WEST RAMP INTERSECTION PLAN SHEET 1

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	137
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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EXISTING GEOMETRY AND EXISTING UTILITIES SHOWN ABOVE WERE TURNED FROM BLACK TO GRAY AND THE PROPOSED GAUARDRAIL AND PROPOSED LIGHTING WERE ADDED FOR PLAN SHEET CLARITY.

CR-1

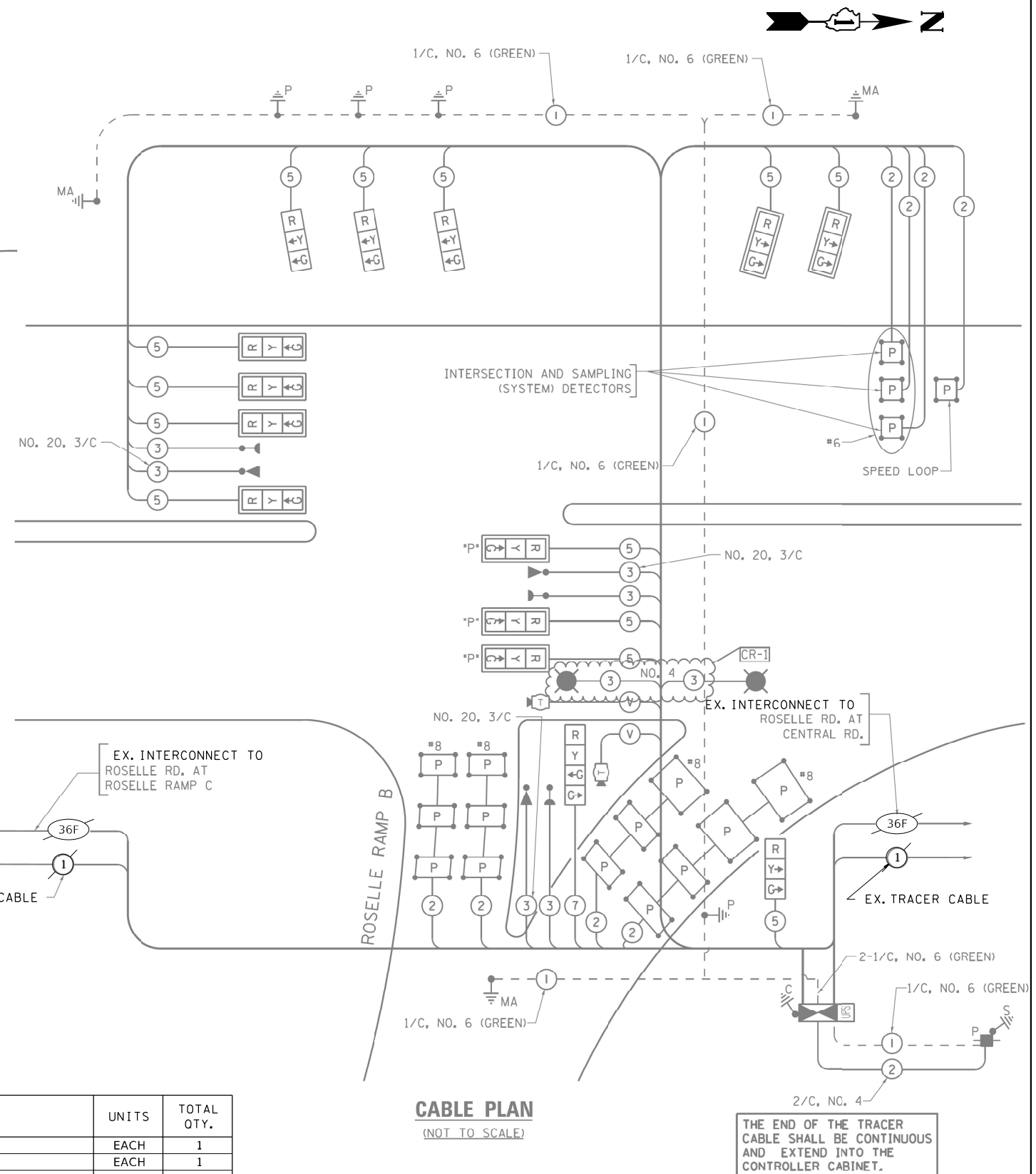
"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TSC 10560
IDOT CENTRACS
FORMER ECON 51

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		DRAWN - GM	REVISED -						VAR.	2022 TRAFFIC 01	COOK	241	138
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	PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -										
						SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		



EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↶ ↷



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE INCAND.	% OPERATION		
SIGNAL (RED)	13		17	0.50	110.5
(YELLOW)	13		25	0.25	81.25
(GREEN)	14		15	0.25	52.5
ROW			12	0.10	
ED. SIGNAL			25	1.00	
ONTROLLER	1		100	1.00	100
LUM. SIGN			25	0.05	
IDEO SYSTEM		150		1.00	
UMINAIRE	1	465		0.50	232.5
LASHER				0.50	
ENERGY COSTS TO:				TOTAL =	576.75

COMPANY: COMMONWEALTH EDISON

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
CENTRACS LICENSE EXPANSION	EACH	1
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1
SPLICE FIBER IN CABINET	EACH	6

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #50
ROSELLE ROAD AT I-90 WEST RAMP CABLE PLAN

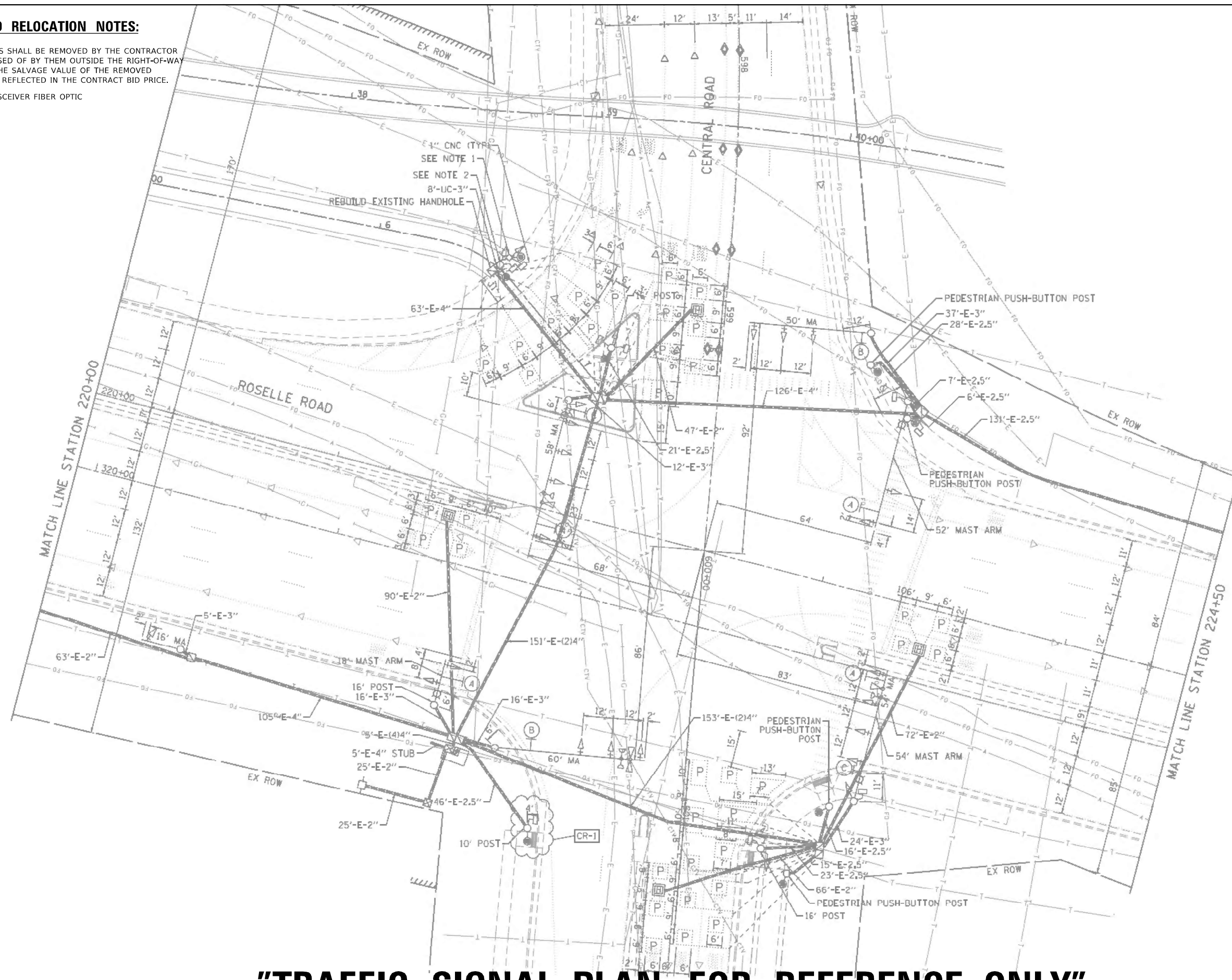
TSC 10560
IDOT CENTRACS
FORMER ECON 81

USER NAME = Kamil.Kobylka			DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #50 ROSELLE ROAD AT I-90 WEST RAMP CABLE PLAN					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - GM	REVISED -							VAR.	2022 TRAFFIC 01	COOK	241	139
PLOT SCALE = 40,000' = 1 in.			CHECKED - DD	REVISED -		CONTRACT NO. 62R81									
PLOT DATE = 8/15/2022			DATE = 06/30/2022	REVISED -											

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FILE NAME: ow:\widot-aw.bentley.com:PwIDOT_Documents\DOT_Offices\District_1\Projects\T15476\CADData\Traffic\T15476-shl-t-2.dgn

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1 EACH TRANSCEIVER FIBER OPTIC

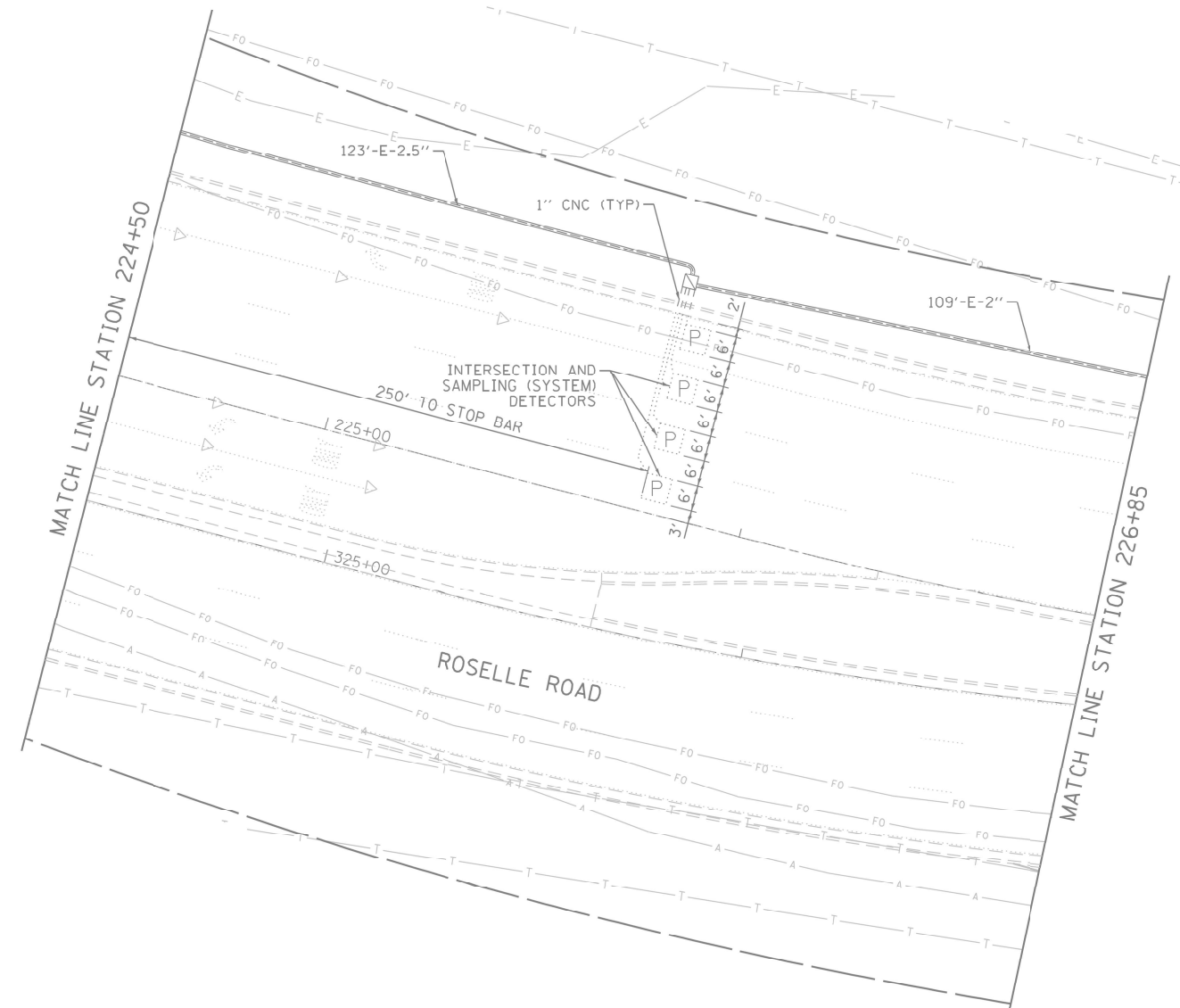
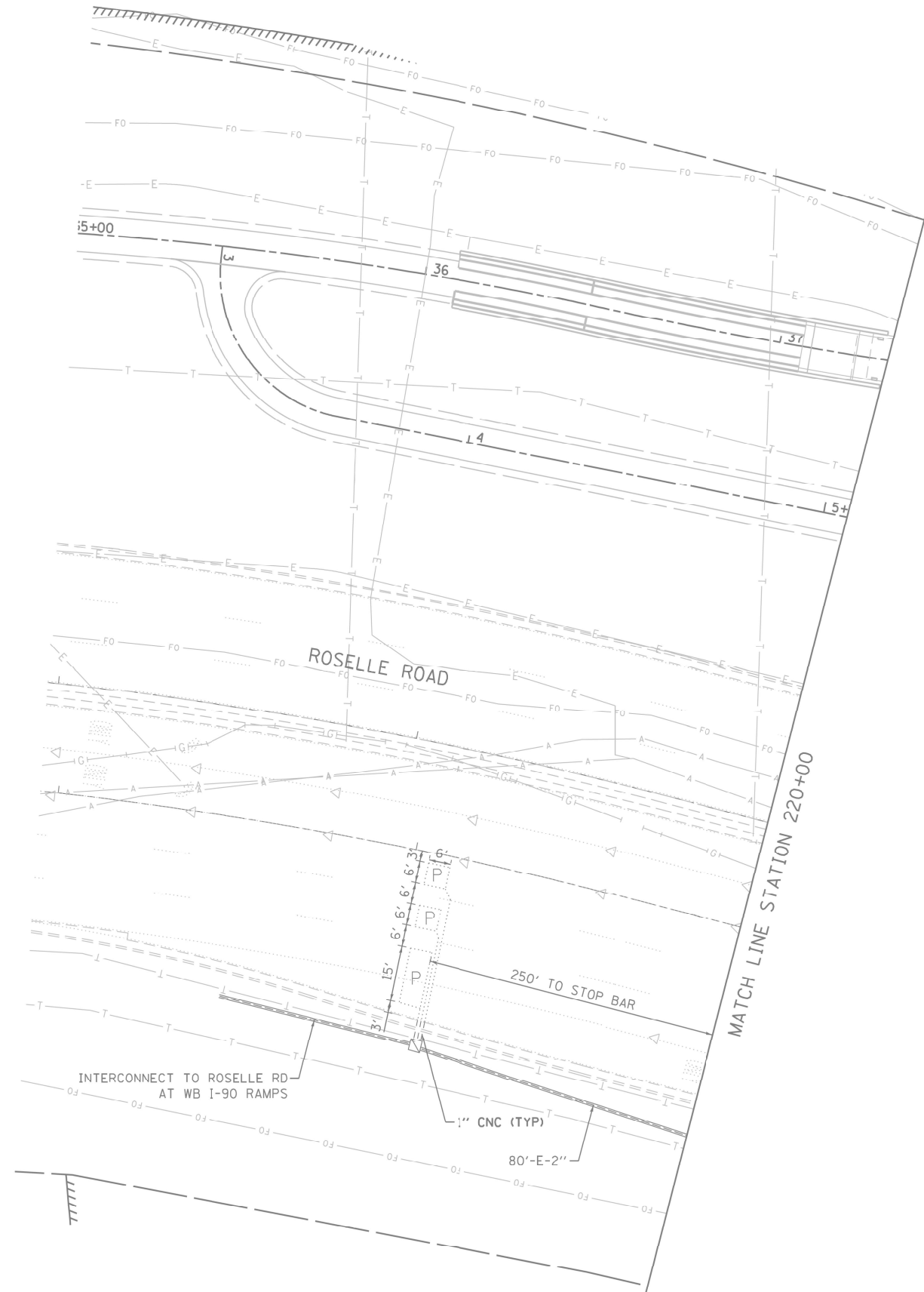
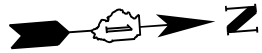


"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TSC 10293
IDOT CENTRACS
FORMER ECON 81

USER NAME = Kamil.Kobylyka	DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #51 ROSELLE ROAD AT CENTRAL RD. INTERSECTION PLAN SHEET 1				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - GM	REVISED -						VAR.	2022 TRAFFIC 01	COOK	241	140
PLOT SCALE = 40,0000' = 1" / 1'	CHECKED - DD	REVISED -		CONTRACT NO. 62R8								
PLOT DATE = 8/15/2022	DATE = 06/30/2022	REVISED -										
			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT		

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"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TSC 10293
IDOT CENTRACS
FORMER ECON 81

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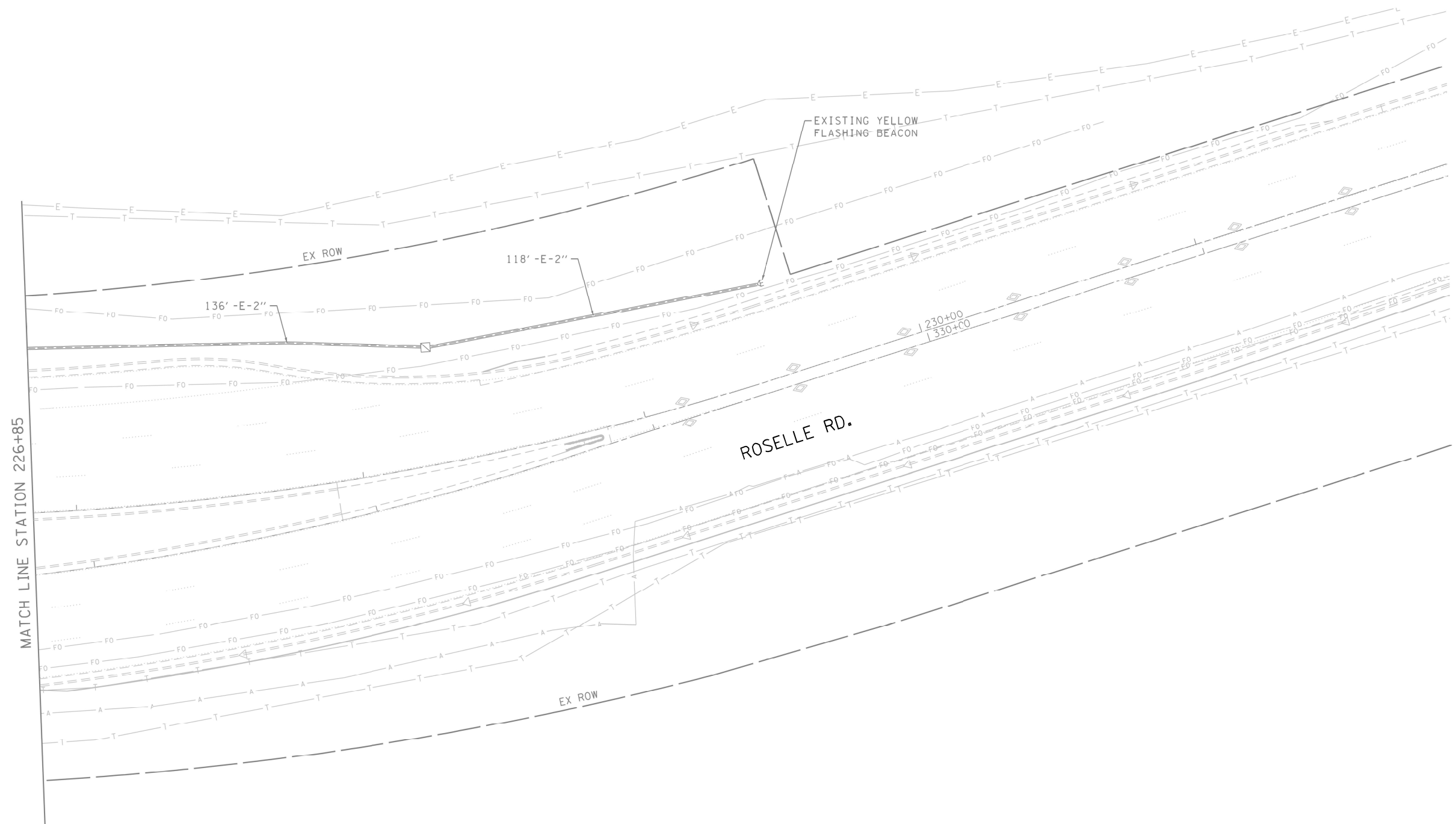
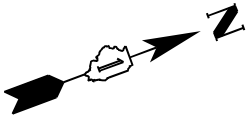
USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #51
ROSELLE ROAD AT CENTRAL RD. INTERSECTION PLAN SHEET 2

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	141
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				



"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TSC 10293
IDOT CENTRACS
FORMER ECON 81

MODEL: Default
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USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
DRAWN - GM	REVISOR -	
PLOT SCALE = 40,0000 * / in.	CHECKED - DD	REVISOR -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISOR -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

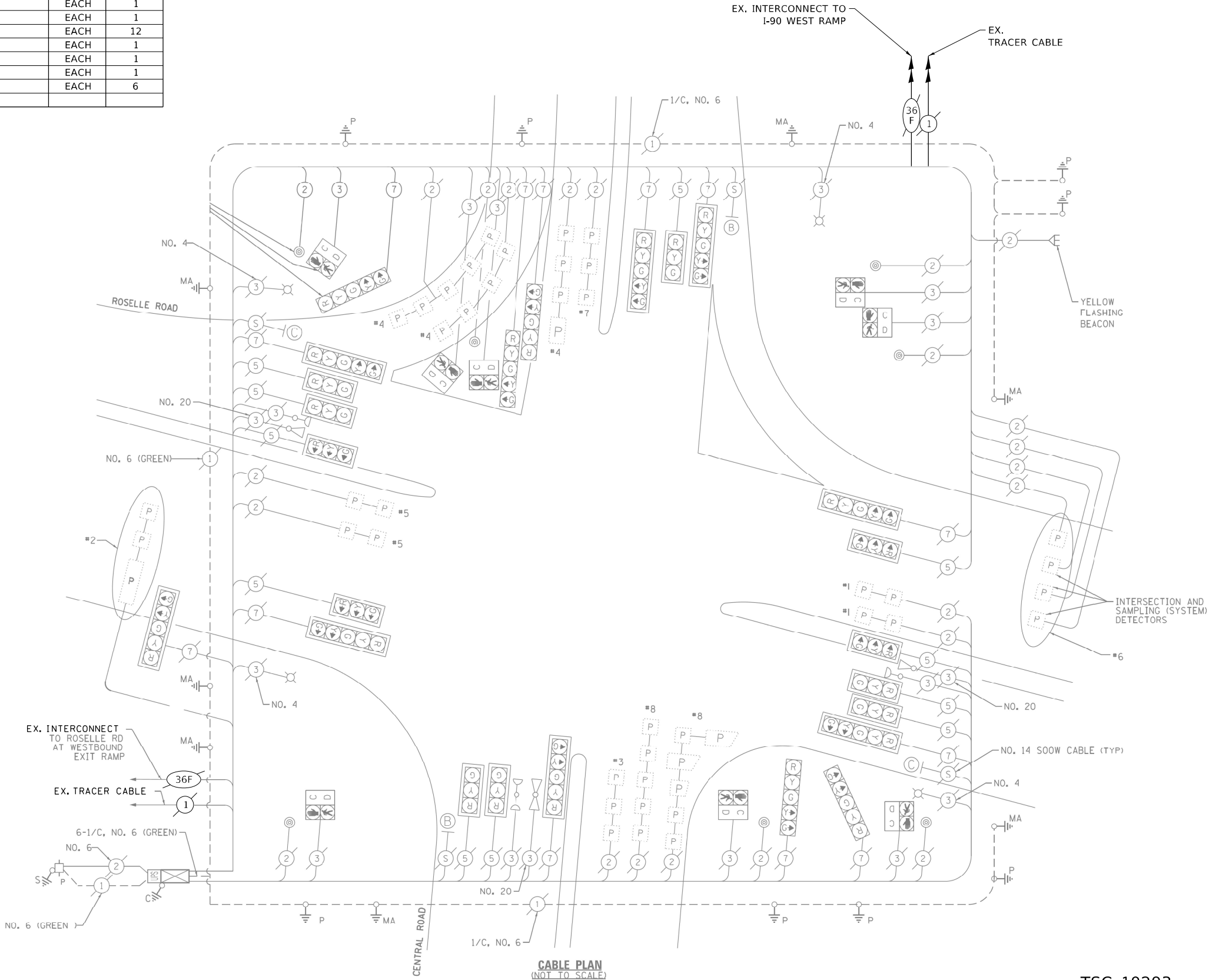
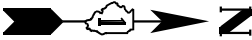
LOCATION #51
ROSELLE ROAD AT CENTRAL RD. INTERSECTION PLAN SHEET 3

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	142
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
CENTRACS LICENSE EXPANSION	EACH	1
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1
SPLICE FIBER IN CABINET	EACH	6



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
	NO LAMPS	WATTAGE INCAND.	WATTAGE LED	OPERATION	
SIGNAL (RED)	24		17	0.50	204.00
(YELLOW)	24		25	0.25	150.00
(GREEN)	24		15	0.25	90.00
ARROW	26		12	0.10	31.20
RED. SIGNAL CONTROLLER	8		25	1.00	200.00
ILLUM. SIGN	1		100	1.00	100.00
VIDEO SYSTEM			25	0.05	
				1.00	
FLASHER				0.50	
ENERGY COSTS TO:					TOTAL = 775.20
ILLINOIS DEPARTMENT OF TRANSPORTATION 201 WEST CENTER COURT SCHAUMBURG, ILLINOIS 60196-1096 ENERGY SUPPLY CONTACT: ELEANOR SARALLO PHONE: (630) 424-5124 COMPANY: COMMONWEALTH EDISON					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #51
ROSELLE ROAD AT CENTRAL RD. CABLE PLAN

TSC 10293
IDOT CENTRACS
FORMER ECON 81

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
PLOT SCALE = 40,0000 * / in.	DRAWN - GM	REVISED -
PLOT DATE = 8/15/2022	CHECKED - DD	REVISED -
	DATE - 06/30/2022	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	143
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

-



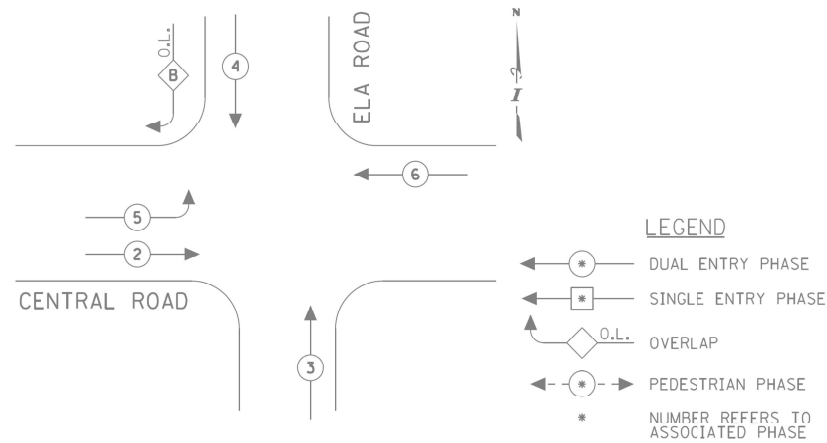
TSC 8633
IDOT CENTRACS
FORMER ECON 81

USER NAME = Kamil,Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #52 CENTRAL ROAD AT ELA ROAD INTERSECTION PLAN	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - GM	REVISED -			VAR.	2022 TRAFFIC 01	COOK	241	144	
PLOT SCALE = 40,0000 ' / in.	CHECKED - DD	REVISED -			CONTRACT NO. 62R81					
PLOT DATE = 8/15/2022	DATE = 06/30/2022	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1

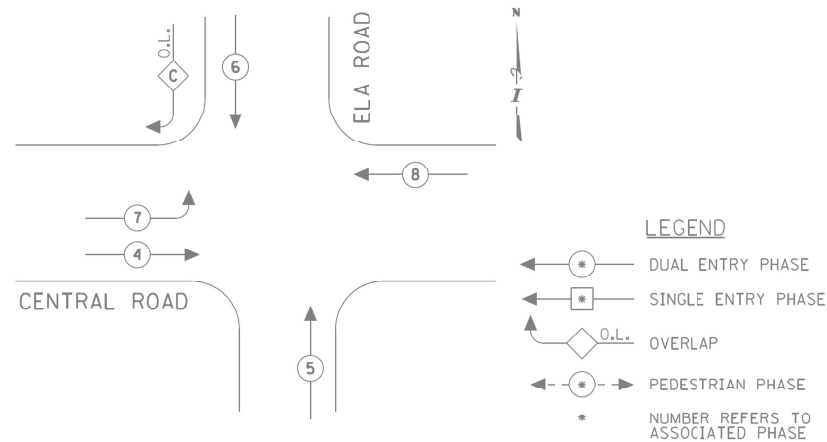
EXISTING CONTROLLER SEQUENCE



EXISTING PHASE DESIGNATION DIAGRAM

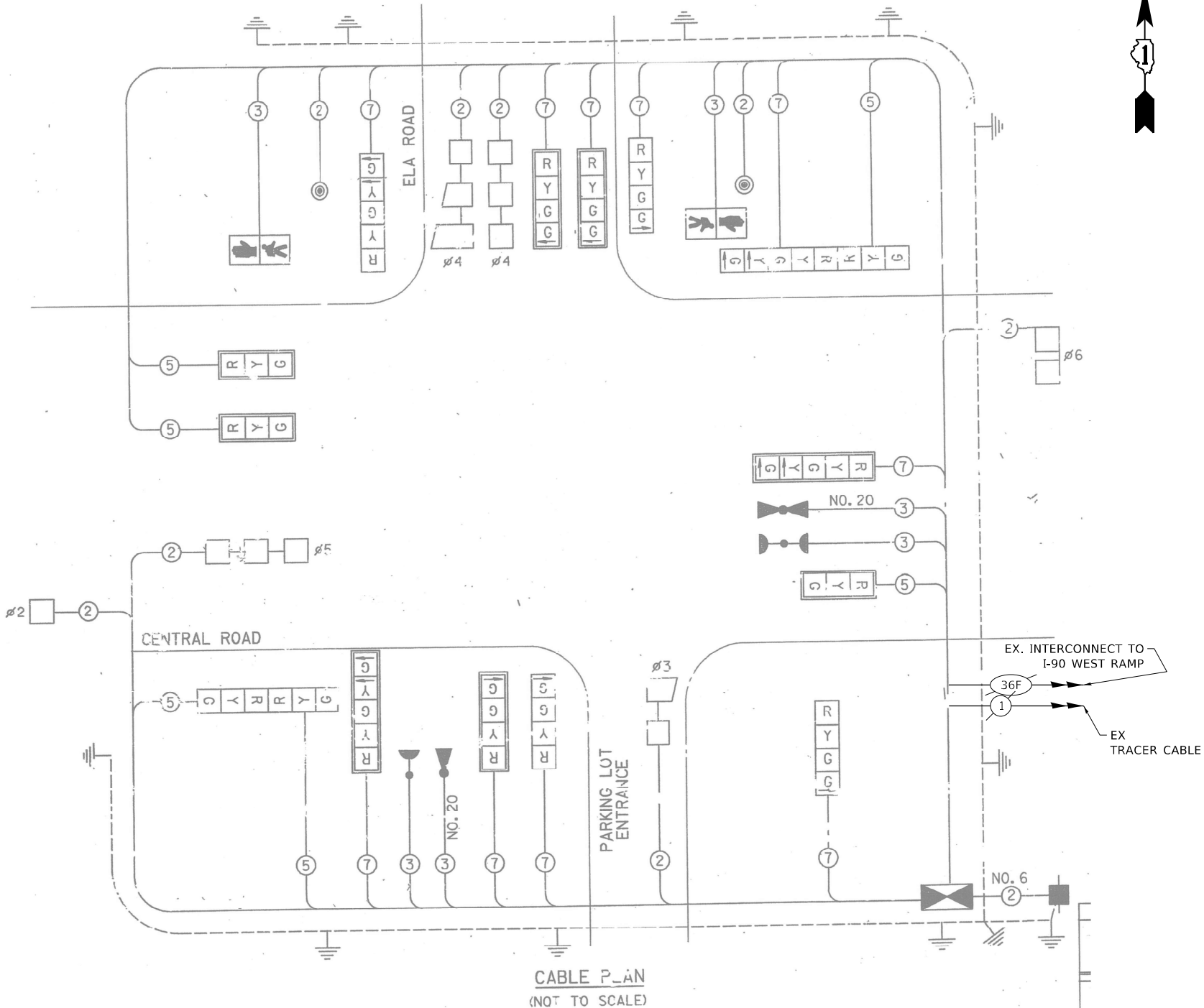
OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
B	= 4	+ 5

PROPOSED CONTROLLER SEQUENCE



PROPOSED PHASE DESIGNATION DIAGRAM

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
C	= 6	+ 7



SCANNED FROM EXISTING PLANS
FOR INFORMATION ONLY

TSC 8633
IDOT CENTRACS
FORMER ECON 81

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #52
CENTRAL ROAD AT ELA ROAD CABLE PLAN

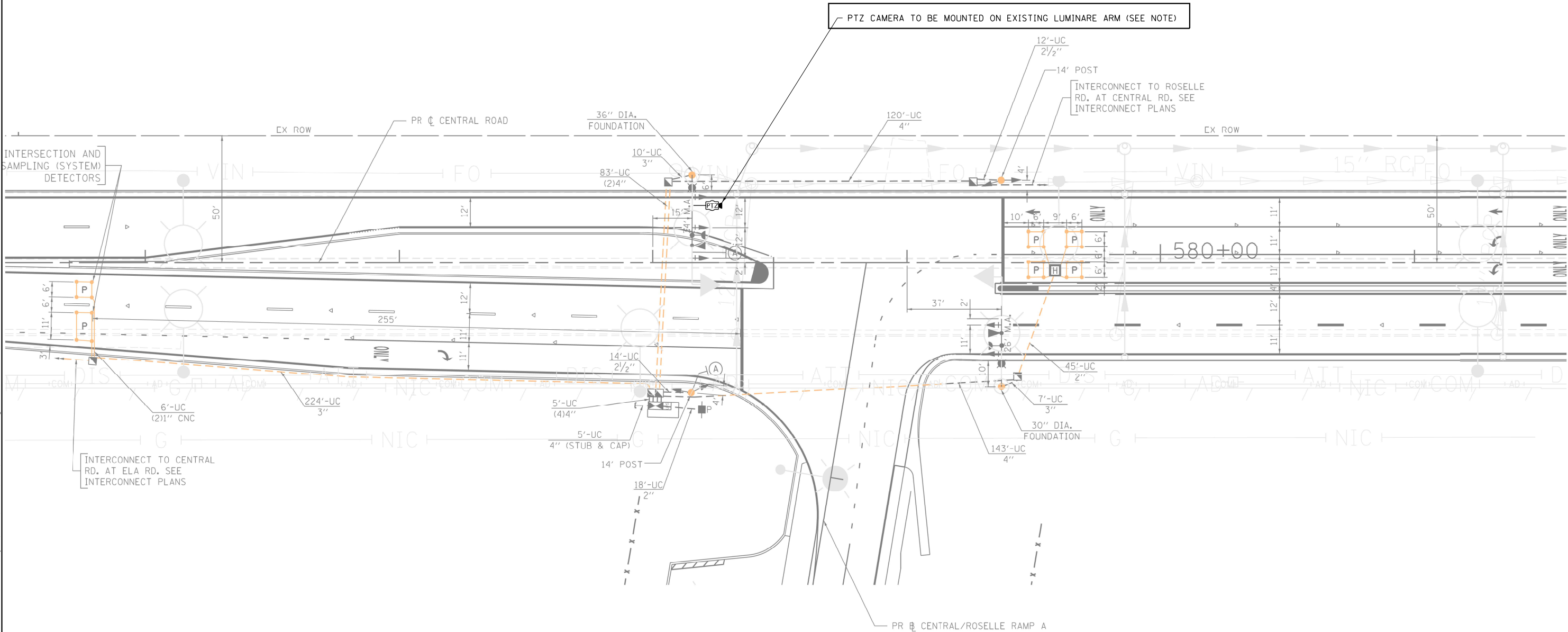
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	145
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1 EACH TRANSCEIVER FIBER OPTIC



NOTES:

THE PTZ CAMERA SHALL BE MOUNTED ON THE LUMINARE ARM OF THE EXISTING COMBINATION MAST ARM. CONTRACTOR SHALL CENTER THE PTZ CAMERA TOWARDS THE CENTER OF THE INTERSECTION TO OPTIMIZE THE VIEW OF ALL APPROACHES. SEE DETAIL CAMERA MOUNTING DETAIL.

"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TSC 8634
IDOT CENTRACS
FORMER ECON 81

MODEL: Default
FILE: \\idot-arb\paw\bea\paw.com\paw\DOT\Documents\DOT Office\District 1\Projects\T15476\CD\Drawings\T15476-INT-2.dgn

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
PLOT SCALE = 40,0000 * / in.	DRAWN - GM	REVISED -
PLOT DATE = 8/15/2022	CHECKED - DD	REVISED -
	DATE - 06/30/2022	REVISED -

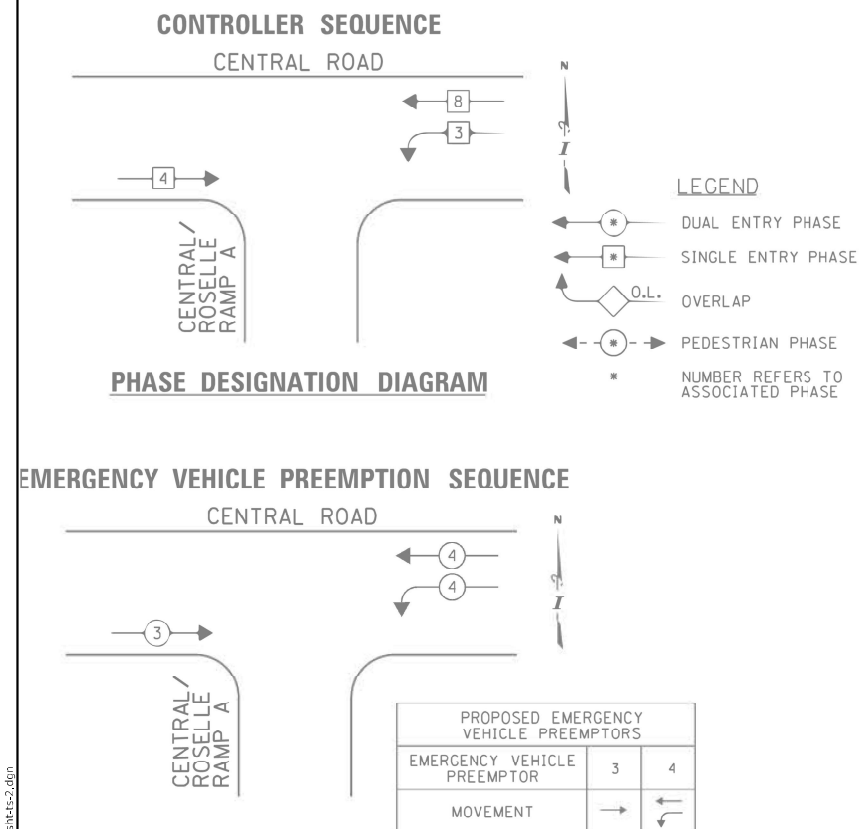
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #53			
CENTRAL ROAD AT I-90 RAMP "A" INTERSECTION PLAN			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

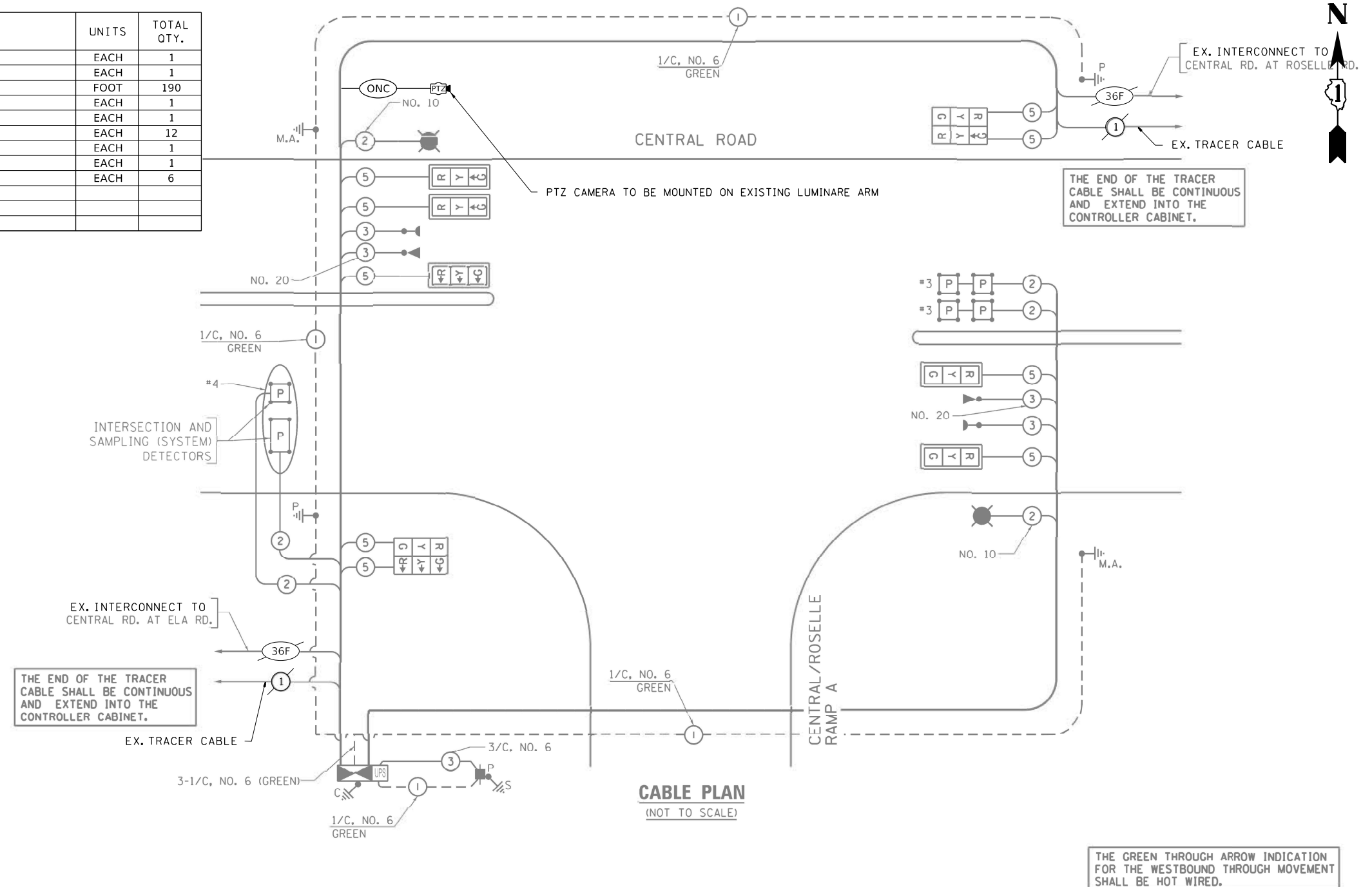
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	146
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
OUTDOOR RATED NETWORK CABLE	FOOT	190
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1
SPLICE FIBER IN CABINET	EACH	6



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO LAMPS	WATTAGE INCAND.	LED	%OPERATION	
SIGNAL (RED)	9		17	0.50	76.50
(YELLOW)	9		25	0.25	56.25
(GREEN)	9		15	0.25	33.75
ARROW			12	0.10	
RED. SIGNAL			25	1.00	
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN			25	0.05	
VIDEO SYSTEM				1.00	
MINUAIRE	2	465	284	0.50	284.00
LASHER				0.50	
ENERGY COSTS TO:				TOTAL =	550.50
COOK COUNTY HIGHWAY DEPARTMENT 69 W. WASHINGTON STREET, RM # 2300 CHICAGO, ILLINOIS 60602-1369					
ENERGY SUPPLY CONTACT: <u>ELEANOR SARALLO</u> PHONE: <u>(630) 424-5124</u> COMPANY: COMMONWEALTH EDISON					



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #53
CENTRAL ROAD AT I-90 "A" RAMP CABLE PLAN

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	147
		CONTRACT NO. 62R81		
ILLINOIS		FED. AID PROJECT		

TSC 8634
IDOT CENTRACS
FORMER ECON 81

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1 EACH TRANSCEIVER FIBER OPTIC



1. TRAFFIC SIGNAL EQUIPMENT AT THIS INTERSECTION SHALL BE PAINTED BLACK.
2. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

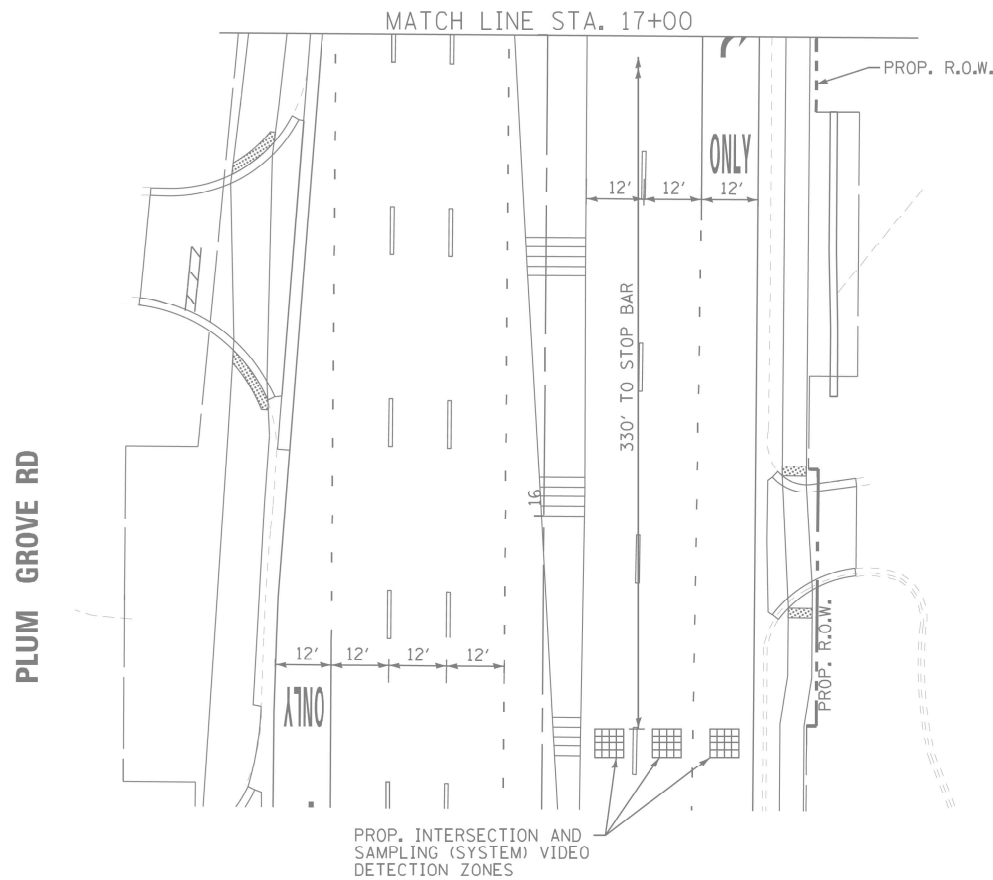
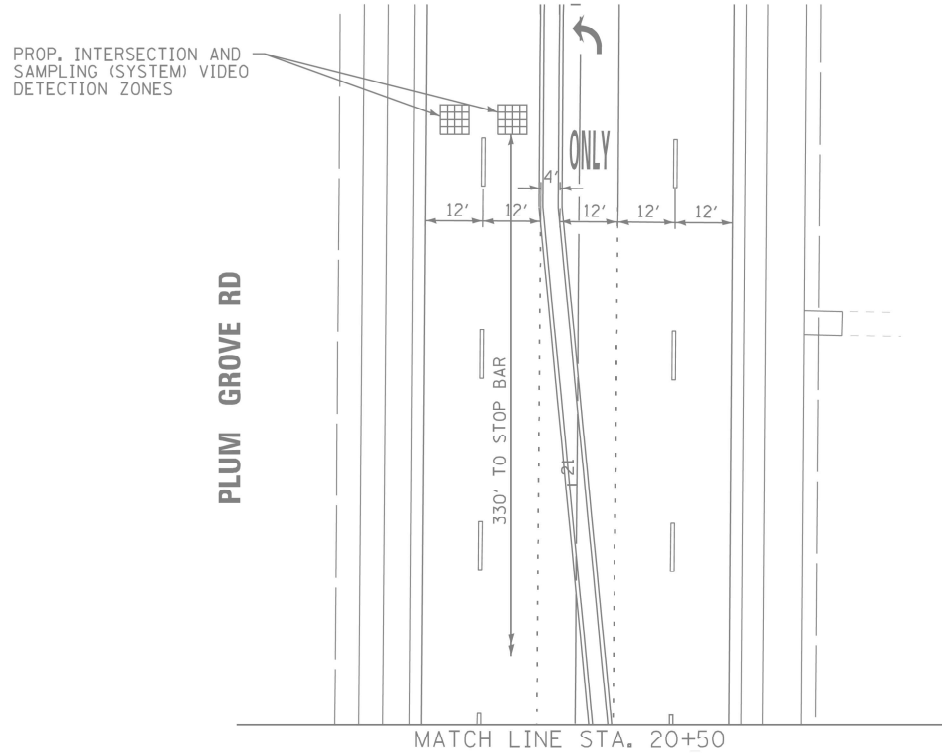


"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

SCHAUMBURG SIGNAL
TS0969
IDOT CENTRACS
FORMER ECON 84

FILE NAME: D:\07-2022\07-2022-08-12-2022	USER NAME = Kamil,Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #54					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - GM	REVISED -		PLUM GROVE RD AT WOODFIELD RD INTERSECTION PLAN SHEET 1					VAR.	2022 TRAFFIC OI	COOK	241	148
	PLOT SCALE = 40,0000' / in.	CHECKED - DD	REVISED -							CONTRACT NO. 62R81				
	PLOT DATE = 8/13/2022	DATE - 06/30/2022	REVISED -		SCALE:									
					SHEET OF SHEETS STA. TO STA.									

MODEL: Default
FILE: \\naulic-pro\ulic-aw-bentley.com\PI\DOT\Documents\DOT Offices\District 1\Projects\T15476\CADDData\Traffic\T15476-sent-2.dgn

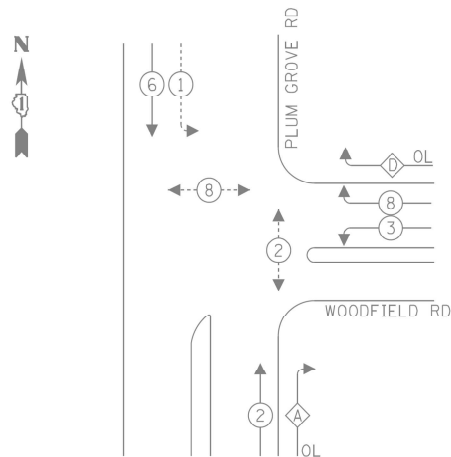


"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

SCHAUMBURG SIGNAL
TS0969
IDOT CENTRACS
FORMER ECON 84

	USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #54		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40,0000' / in.	DRAWN - GM	REVISED -				VAR.	2022 TRAFFIC 01	COOK	241	149
	PLOT DATE = 8/15/2022	CHECKED - DD	REVISED -		PLUM GROVE RD AT WOODFIELD RD INTERSECTION PLAN SHEET 2		CONTRACT NO. 62R81				
		DATE - 06/30/2022	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

PROPOSED CONTROLLER SEQUENCE



RIGHT TURN OVERLAP
PHASE DESIGNATION:

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
A	2	3
D	8	1

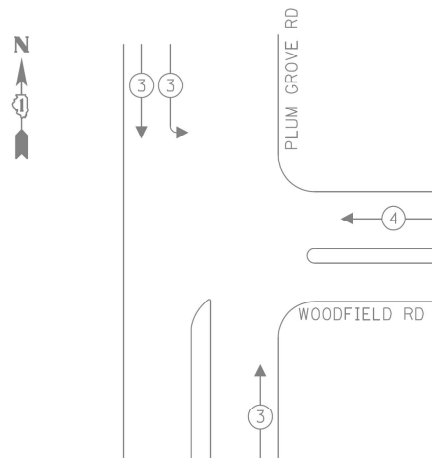
LEGEND:

- ← ⊙ → PROTECTED PHASE
- ← ⊙ - - PROTECTED/PERMITTED PHASE
- ← ⊙ → PEDESTRIAN PHASE
- ← ⊙ OL OVERLAP

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1
SPLICE FIBER IN CABINET	EACH	12

PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	14	12	45	75.6
PERMISSIVE ARROW	12	10	10	12.0
PED. SIGNAL	4	20	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	3	120	50	180.0
LUMINAIRE	4	140	50	280.0
TOTAL =				993.6

ENERGY COSTS TO:

VILLAGE OF SCHAUMBURG
101 SCHAUMBURG COURT
SCHAUMBURG, ILLINOIS 60143

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

PROP. INTERCONNECT TO
IL 72 (HIGGINS RD)

PROP. TRACER
CABLE

CABLE PLAN
(NOT TO SCALE)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #54
PLUM GROVE RD AT WOODFIELD RD CABLE PLAN

SCHAUMBURG SIGNAL
TS0969
IDOT CENTRACS
FORMER ECON 84

MODEL: Default
FILE: Schuimb...
PROJECT: T15176(CADData)Traffic.T15176-s-sht-t-2.dgn

USER NAME = Kamil.Kobylka
DESIGNED - KK
DRAWN - GM
CHECKED - DD
DATE - 06/30/2022
PLOT SCALE = 40,0000 * / in.
PLOT DATE = 8/15/2022

DESIGNED - KK
DRAWN - GM
CHECKED - DD
DATE - 06/30/2022
REVISED -
REVISED -
REVISED -

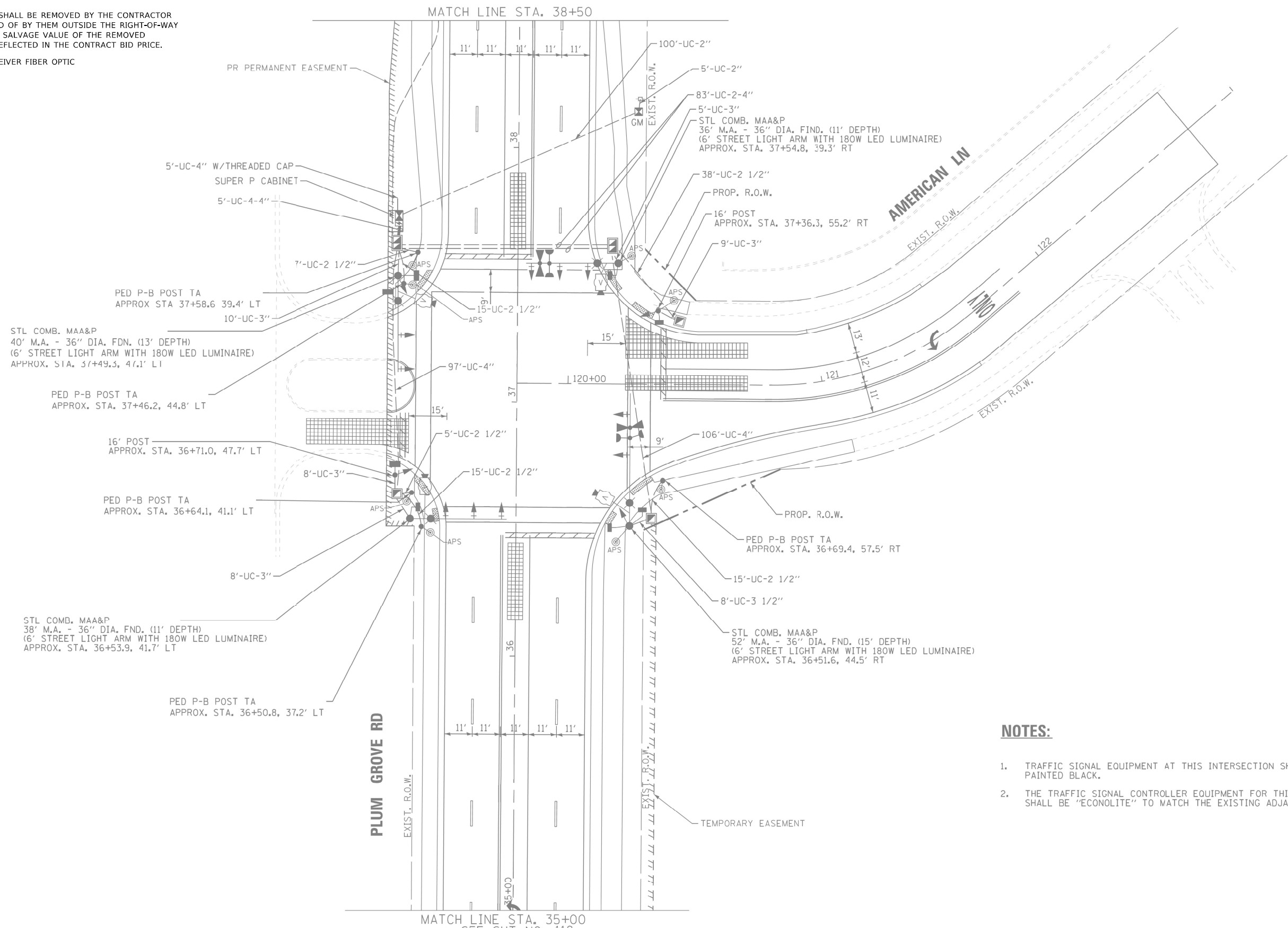
REVISED - KK - 08-12-2022
REVISED -
REVISED -
REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	150
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

1 EACH TRANSCEIVER FIBER OPTIC



NOTES:

1. TRAFFIC SIGNAL EQUIPMENT AT THIS INTERSECTION SHALL BE PAINTED BLACK.
2. THE TRAFFIC SIGNAL CONTROLLER EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

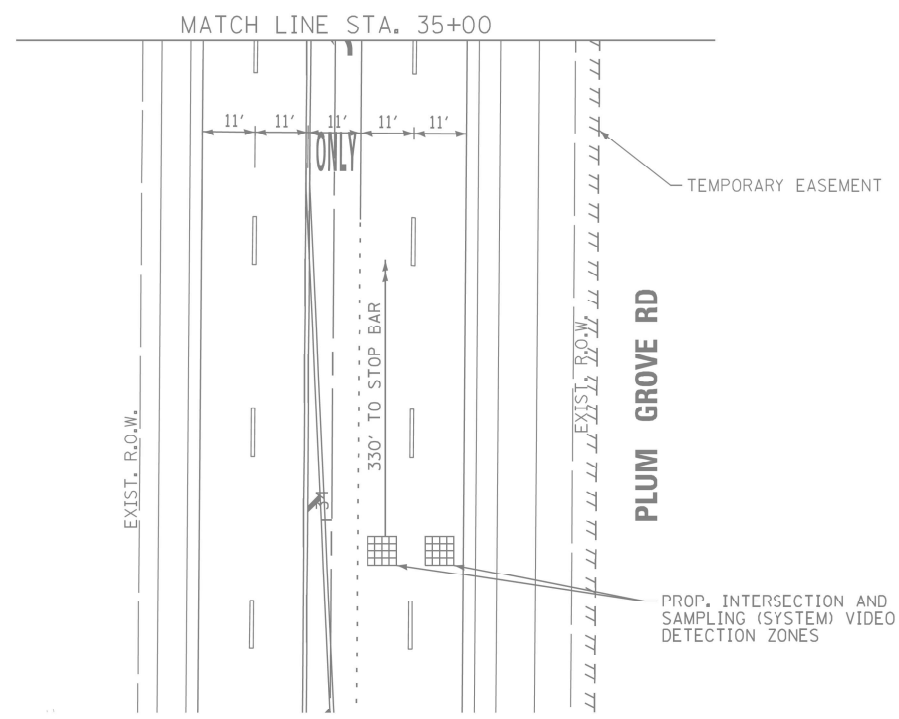
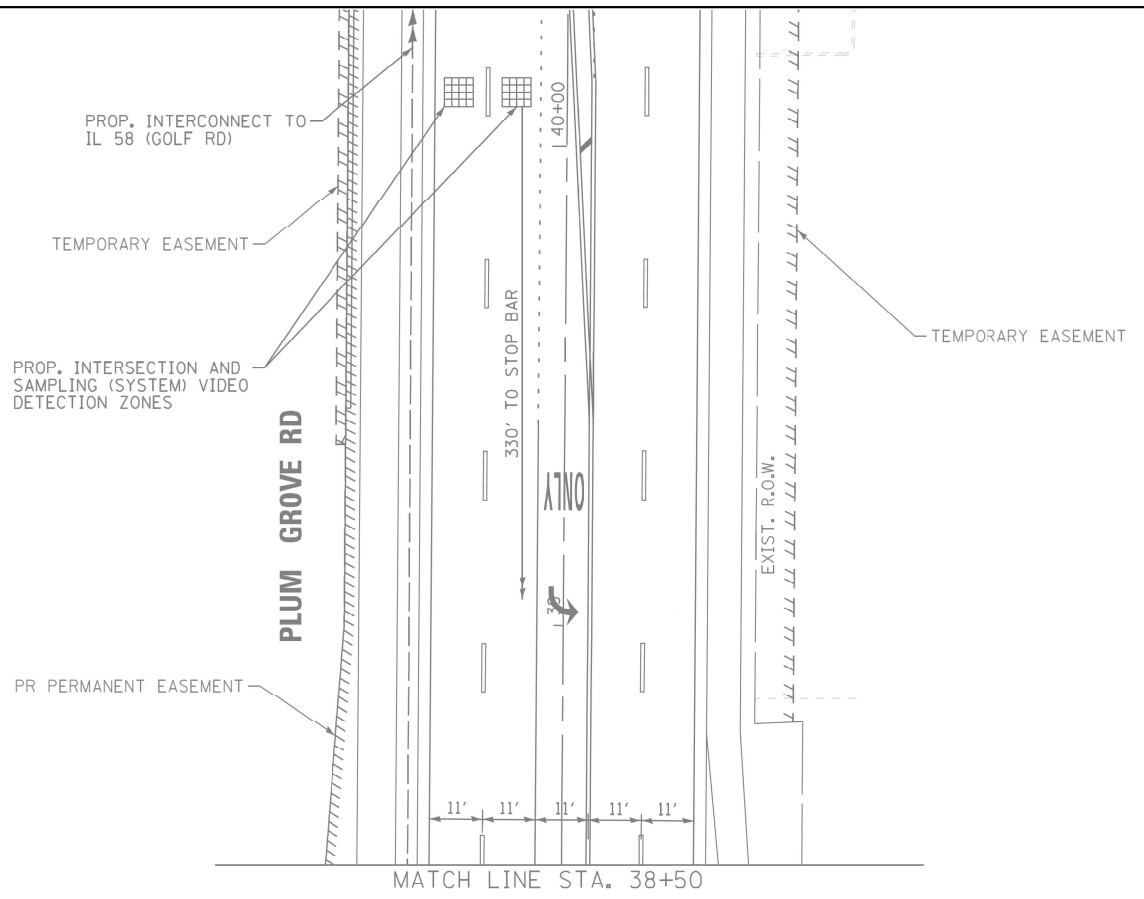
SCHAUMBURG SIGNAL
TS1
IDOT CENTRACS
FORMER ECON 78

USER NAME = Kamil.Kobylka	DESIGNED = KK	REVISED = KK - 08-12-2022
	DRAWN = GM	REVISED =
PLOT SCALE = 40,0000 * / in.	CHECKED = DD	REVISED =
PLOT DATE = 8/15/2022	DATE = 06/30/2022	REVISED =

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION #55
PLUM GROVE RD AT AMERICAN LANE INTERSECTION PLAN SHEET 1

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	151
		CONTRACT NO. 62R81		
		ILLINOIS	FED. AID PROJECT	



"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

SCHAUMBURG SIGNAL
TS1
IDOT CENTRACS
FORMER ECON 78

MODEL: Default
FILE: SchumburgSignalTS1.dgn
PROJECT: TS1
SHEET: 2
DATE: 8/15/2022

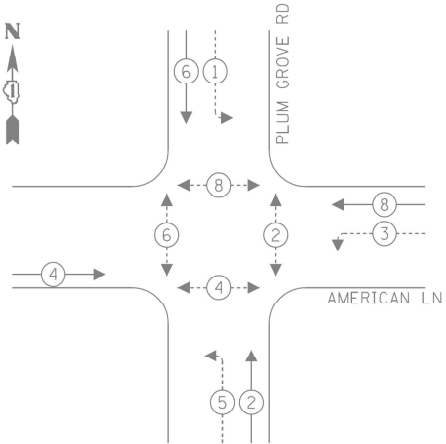
USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #55			
PLUM GROVE RD AT AMERICAN LANE INTERSECTION PLAN SHEET 2			
SCALE:	SHEET	OF	SHEETS
STA.		TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	152
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

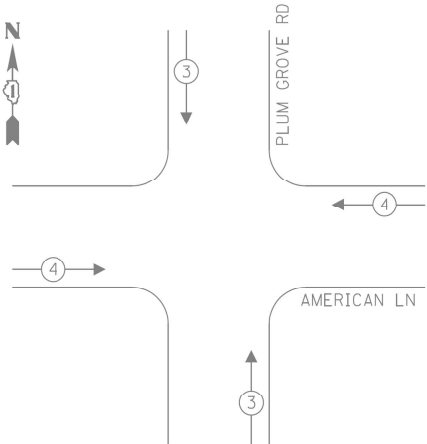
PROPOSED CONTROLLER SEQUENCE



LEGEND:

- ← * → PROTECTED PHASE
- ← * - - - PROTECTED/PERMITTED PHASE
- ← * - - - PEDESTRIAN PHASE
- ← * OL → OVERLAP

PROPOSED EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	14	12	45	75.6
PERMISSIVE ARROW	12	10	10	12.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	3	120	50	180.0
LUMINAIRE	4	140	50	280.0
TOTAL =				1073.6

ENERGY COSTS TO:

VILLAGE OF SCHAUMBURG
101 SCHAUMBURG COURT
SCHAUMBURG, IL 60193

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	18
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 24 PORT	EACH	1
SPLICE FIBER IN CABINET	EACH	6

PROP. INTERCONNECT TO
IL 58 (GOLF RD)

PROP. TRACER
CABLE

SUPER P CABINET

CABLE PLAN
(NOT TO SCALE)

NOTES:

1. PROVIDE 7C CABLE FOR FUTURE 5-SECTION HEAD INSTALLATION. THE PROPOSED 3-SECTION HEAD ABOVE WILL UTILIZE 5 OF THE 7 CONDUCTORS.
2. PROVIDE 7C CABLE FOR FUTURE 5-SECTION HEAD INSTALLATION. PROVIDE ADDITIONAL 8' OF SLACK IN 7C CABLE. THE PROPOSED 3-SECTION HEAD ABOVE WILL UTILIZE 5 OF THE 7 CONDUCTORS.

SCHAUMBURG SIGNAL
TS1
IDOT CENTRACS
FORMER ECON 78

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #55
PLUM GROVE RD AT AMERICAN LANE CABLE PLAN

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	153
CONTRACT NO. 62R81				

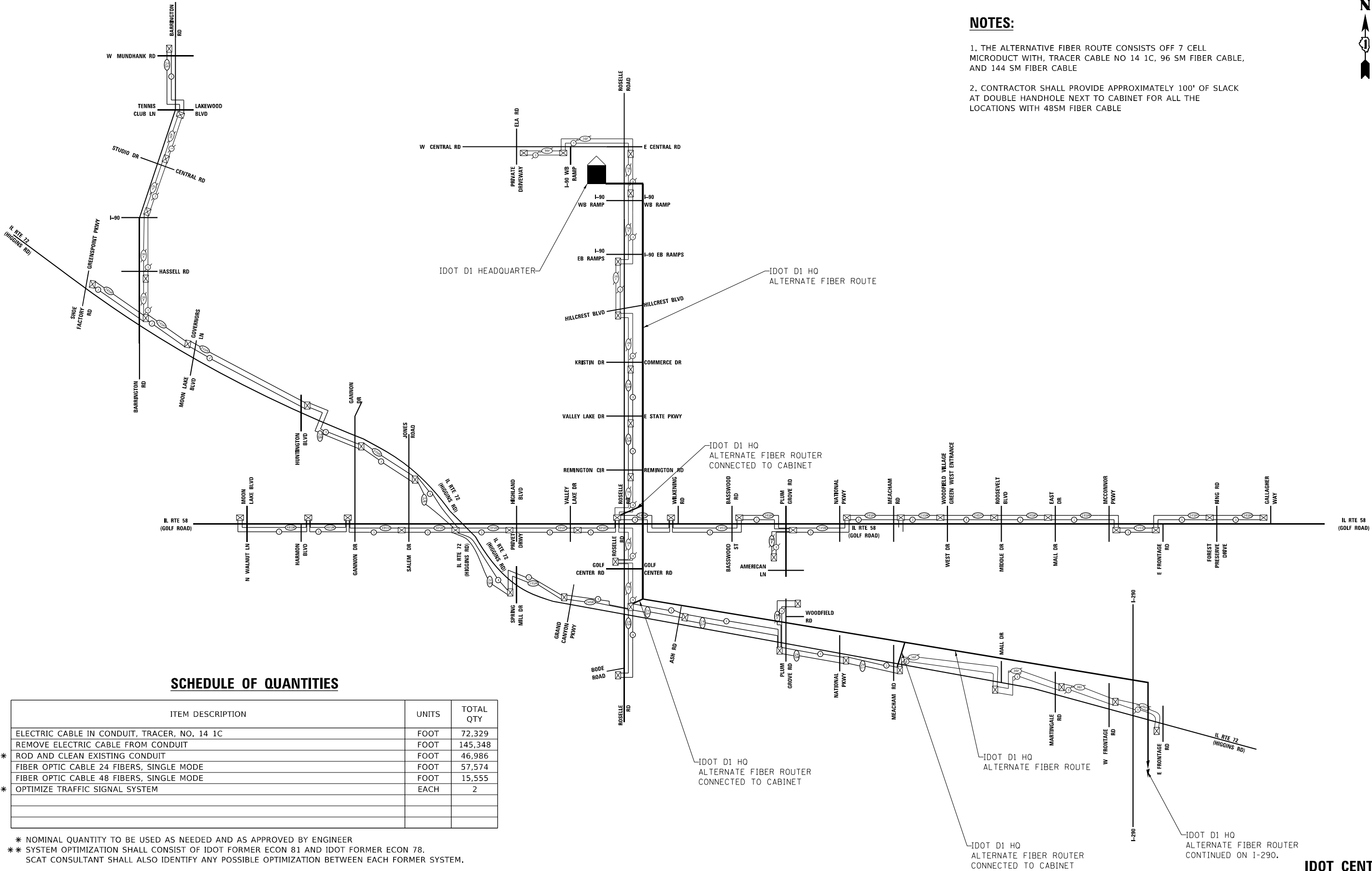
SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT



NOTES:

- 1. THE ALTERNATIVE FIBER ROUTE CONSISTS OFF 7 CELL MICRODUCT WITH, TRACER CABLE NO 14 1C, 96 SM FIBER CABLE, AND 144 SM FIBER CABLE
- 2. CONTRACTOR SHALL PROVIDE APPROXIMATELY 100' OF SLACK AT DOUBLE HANDHOLE NEXT TO CABINET FOR ALL THE LOCATIONS WITH 48SM FIBER CABLE



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	72,329
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	145,348
* ROD AND CLEAN EXISTING CONDUIT	FOOT	46,986
FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	57,574
* FIBER OPTIC CABLE 48 FIBERS, SINGLE MODE	FOOT	15,555
** OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	2

- * NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY ENGINEER
- ** SYSTEM OPTIMIZATION SHALL CONSIST OF IDOT FORMER ECON 81 AND IDOT FORMER ECON 78. SCAT CONSULTANT SHALL ALSO IDENTIFY ANY POSSIBLE OPTIMIZATION BETWEEN EACH FORMER SYSTEM.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

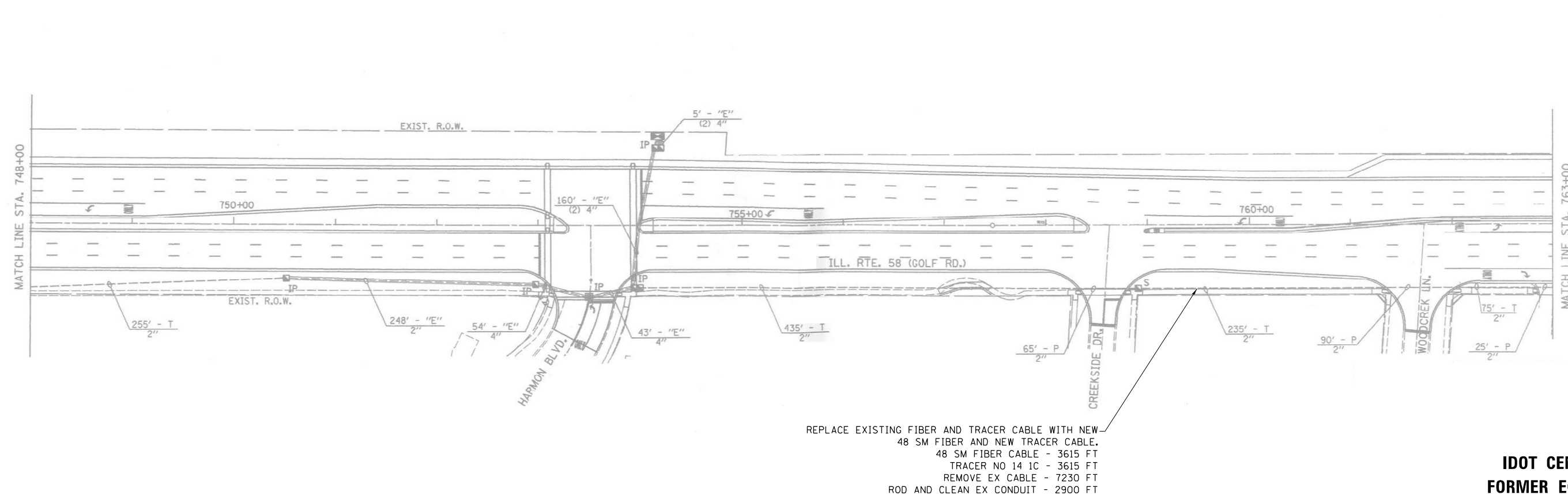
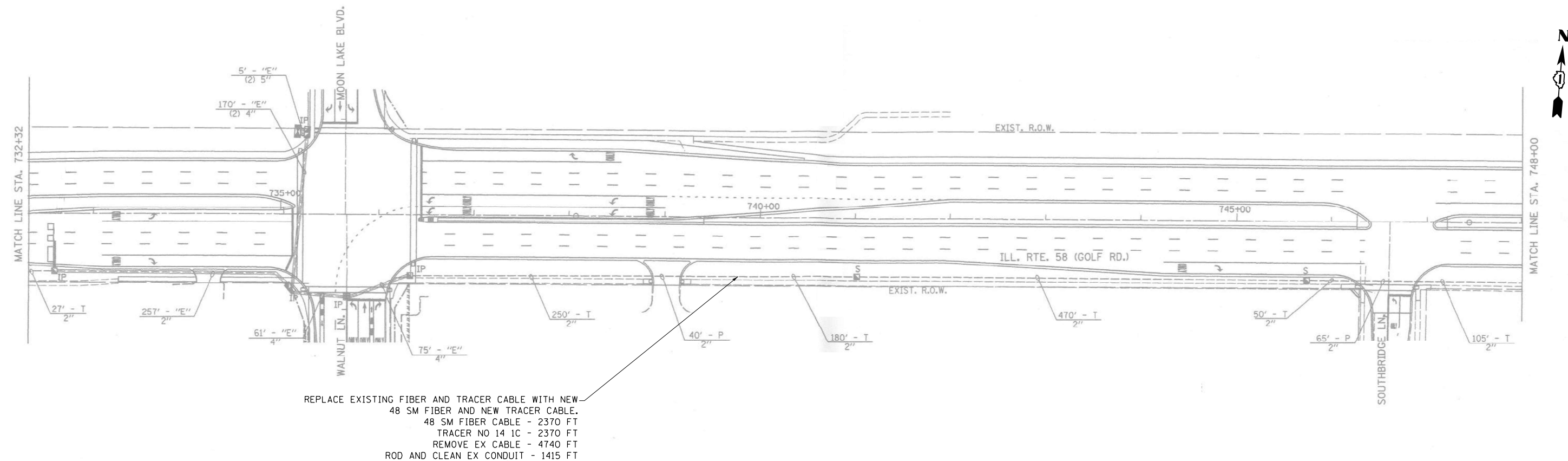
OVERALL INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES
IDOT ZONES 73, 78, 81, 84

IDOT CENTRACS
FORMER ECON 73 78, 81, 84

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	154
CONTRACT NO. 62R81				
ILLINOIS		FED. AID PROJECT		

SCALE: SHEET OF SHEETS STA. TO STA.

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



IDOT CENTRACS
FORMER ECON 81

USER NAME = Kamil.Kobylika	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

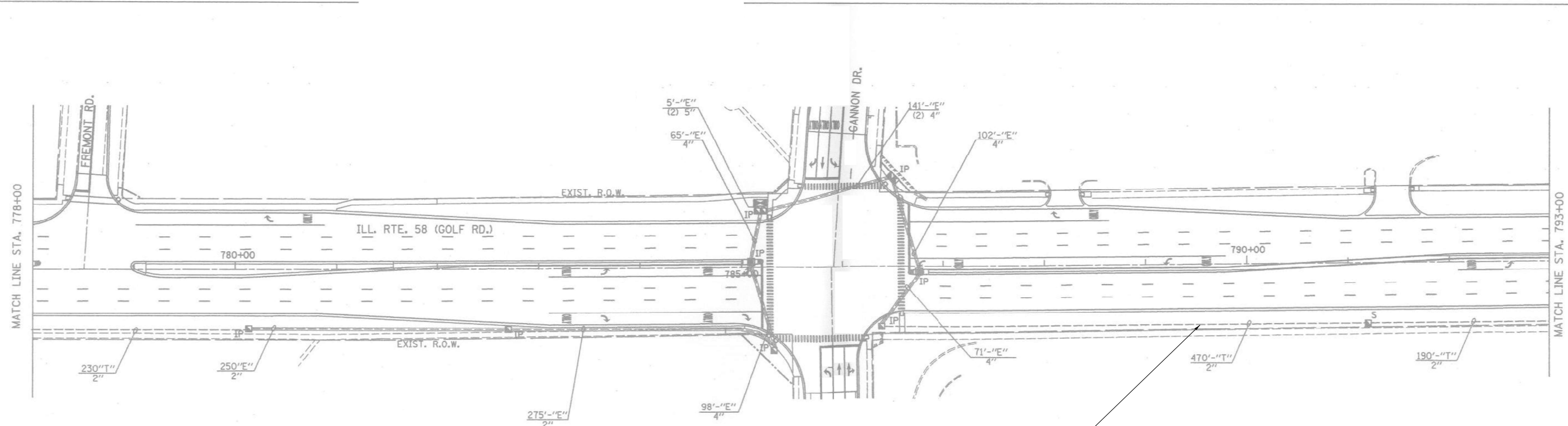
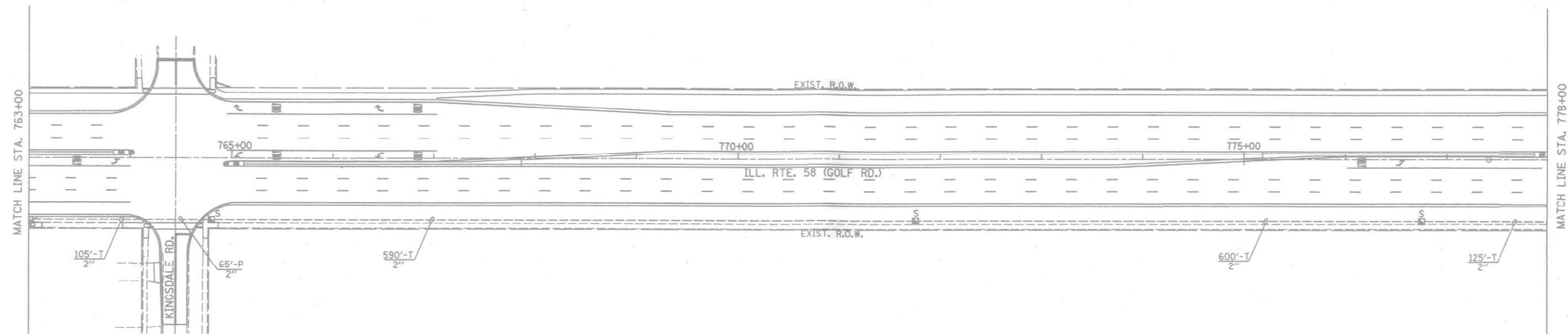
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
IL 58 (GOLF RD.) AT MOON LAKE BLVD. AND HARMON BLVD.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	155
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
48 SM FIBER AND NEW TRACER CABLE.
48 SM FIBER CABLE - 2575 FT
TRACER NO 14 1C - 2575 FT
REMOVE EX CABLE - 5150 FT
ROD AND CLEAN EX CONDUIT - 1880 FT

IDOT CENTRACS
FORMER ECON 81

MODEL: Default
FILE: \\usilc-prod-usilc-aw-bentley.com\\P\\IDOT\\Documents\\IDOT Offices\\District 1\\Projects\\T15476\\CAD\\Data\\Traffic\\62R81 Interconnect.dgn

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN IL 58 (GOLF RD.) AT GANNON DR.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	156
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

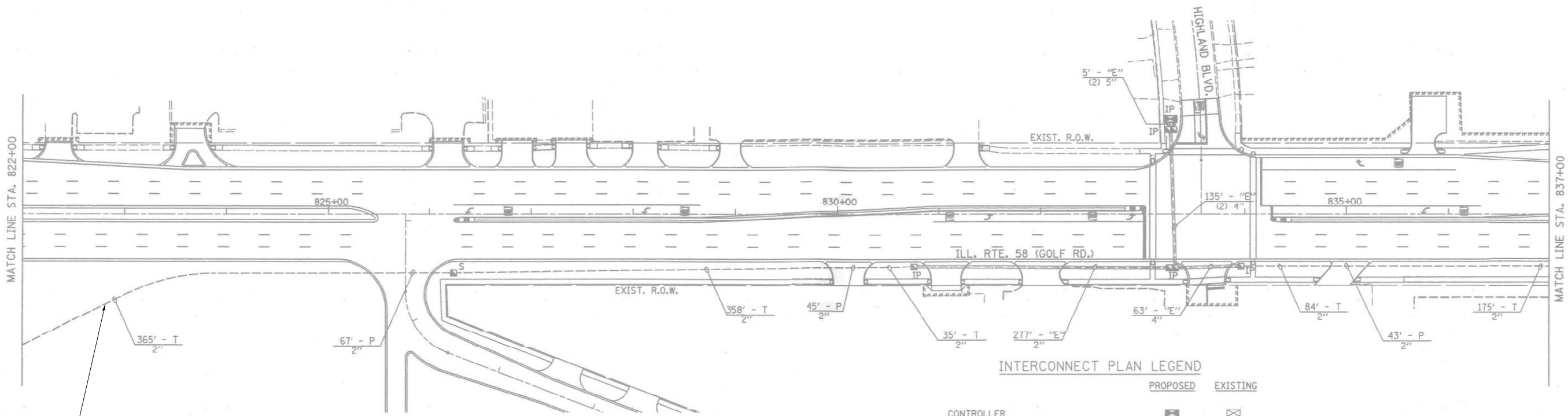
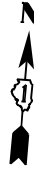


IDOT CENTRACS
FORMER ECON 81

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	157
		CONTRACT NO. 62R81		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY

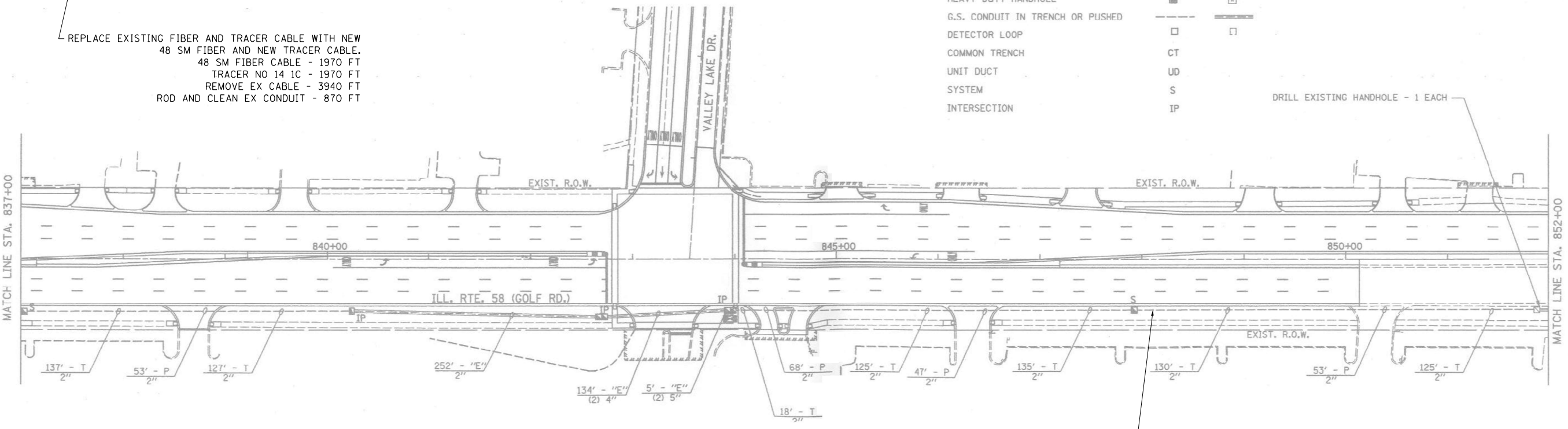


REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
48 SM FIBER AND NEW TRACER CABLE.
48 SM FIBER CABLE - 1970 FT
TRACER NO 14 IC - 1970 FT
REMOVE EX CABLE - 3940 FT
ROD AND CLEAN EX CONDUIT - 870 FT

INTERCONNECT PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER		
HANDHOLE		
DOUBLE HANDHOLE		
HEAVY DUTY HANDHOLE		
G.S. CONDUIT IN TRENCH OR PUSHED		
DETECTOR LOOP		
COMMON TRENCH	CT	
UNIT DUCT	UD	
SYSTEM	S	
INTERSECTION	IP	

DRILL EXISTING HANDHOLE - 1 EACH



REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
48 SM FIBER AND NEW TRACER CABLE.
48 SM FIBER CABLE - 1200 FT
TRACER NO 14 IC - 1200 FT
REMOVE EX CABLE - 2400 FT
ROD AND CLEAN EX CONDUIT - 620 FT



IDOT CENTRACS
FORMER ECON 81

USER NAME = Kamil.Kobylika	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

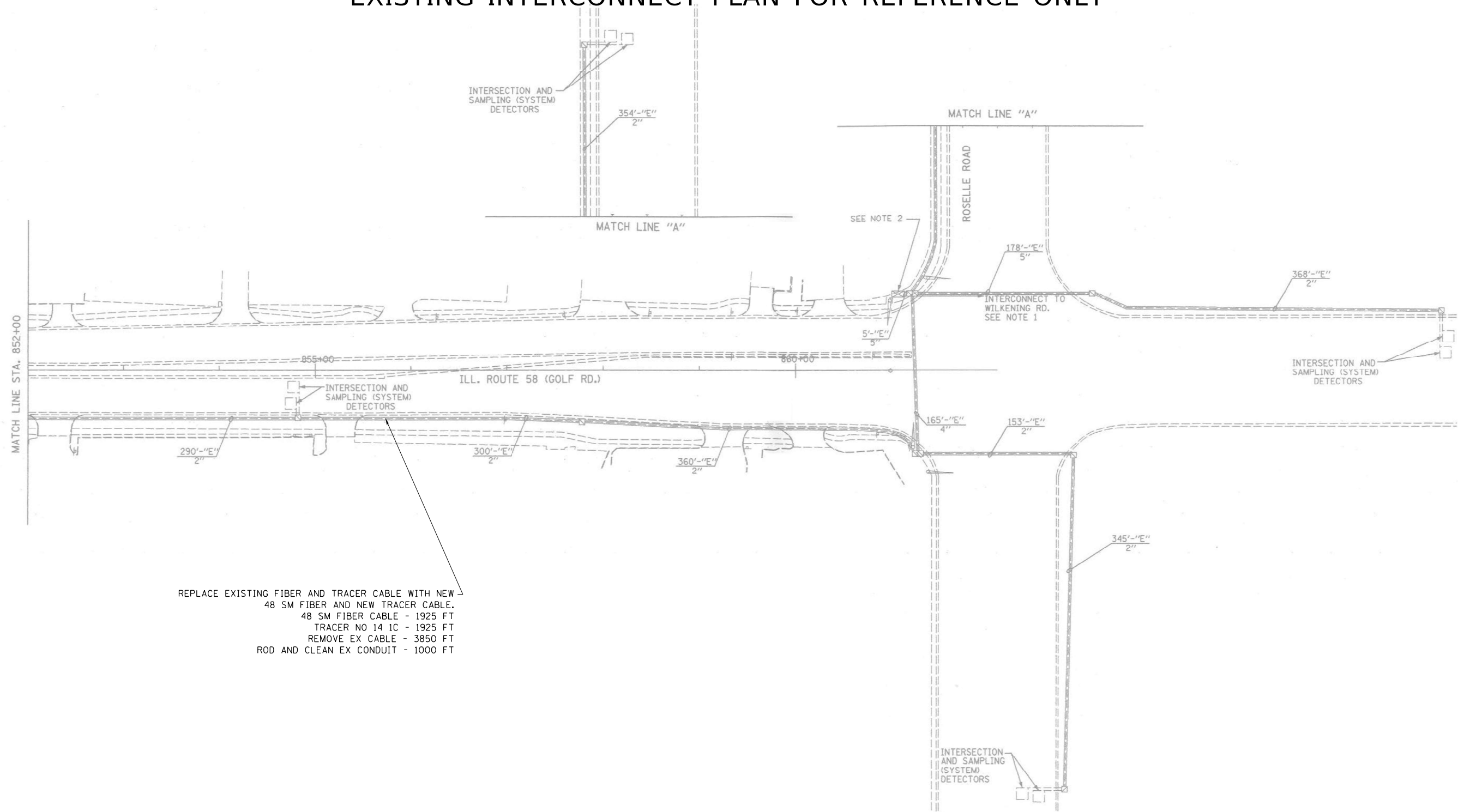
EXISTING INTERCONNECT PLAN
IL 58 (GOLF RD.) AT VALLEY LAKE DR.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	158
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: \\usdot-arizona-bentley.com\PIV\DOT\Documents\DOT Offices\District 1\Projects\T15476\CADD\Traffic\62R81 Interconnect.dgn

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
48 SM FIBER AND NEW TRACER CABLE.
48 SM FIBER CABLE - 1925 FT
TRACER NO 14 1C - 1925 FT
REMOVE EX CABLE - 3850 FT
ROD AND CLEAN EX CONDUIT - 1000 FT

IDOT CENTRACS
FORMER ECON 81

MODEL: Default
FILE: \\naulic-pw.bentley.com\\P\\IDOT Documents\\IDOT Office\\D\\Irdt 1\\Projects\\115476\\CAD\\Data\\Traffic\\62R81 Interconnect.dgn

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

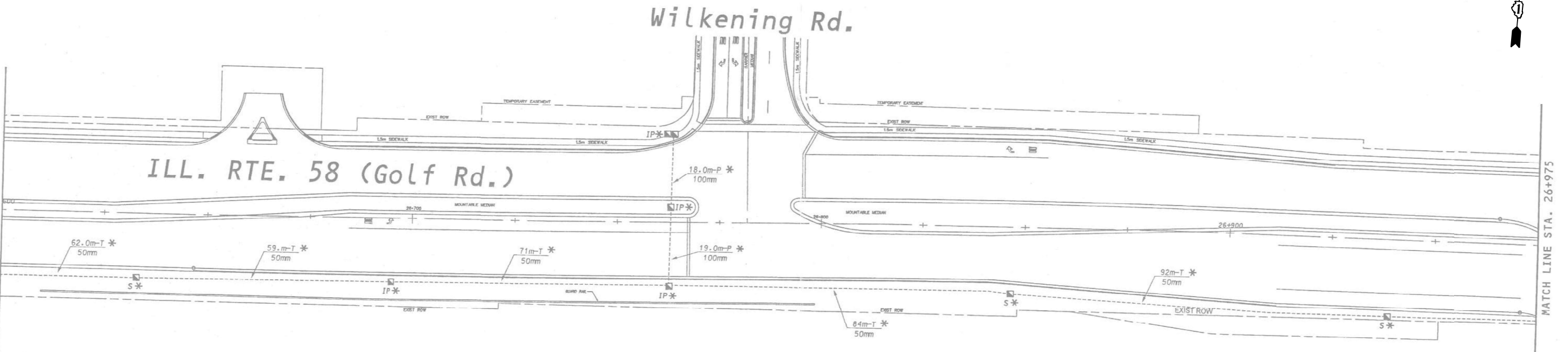
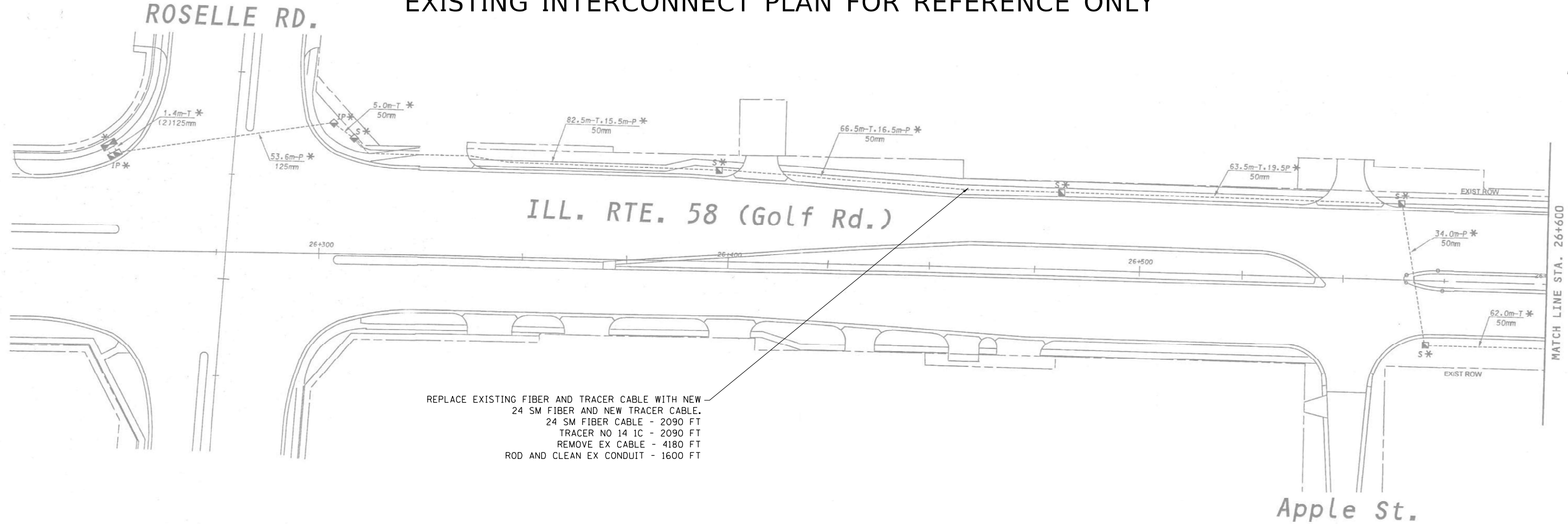
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
IL 58 (GOLF RD.) AT ROSELLE RD.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	159
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



IDOT CENTRACS
FORMER ECON 78

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

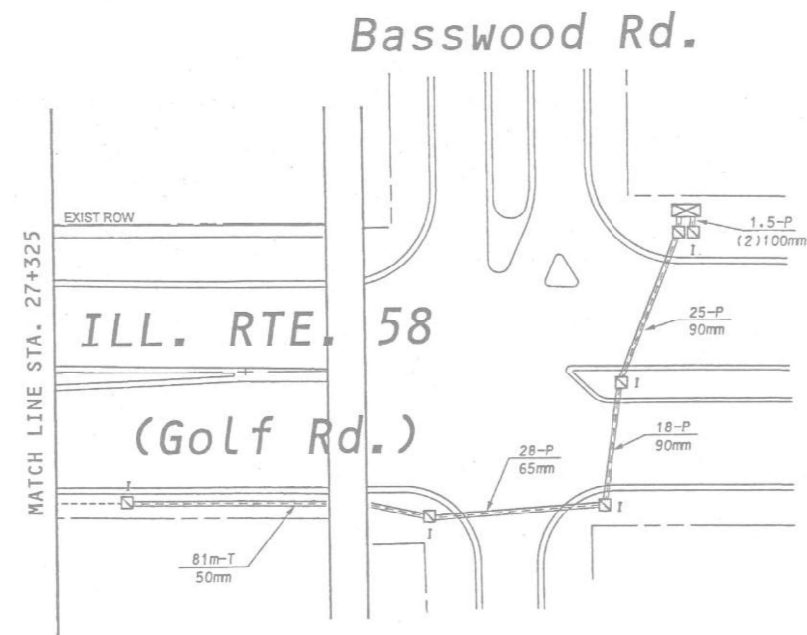
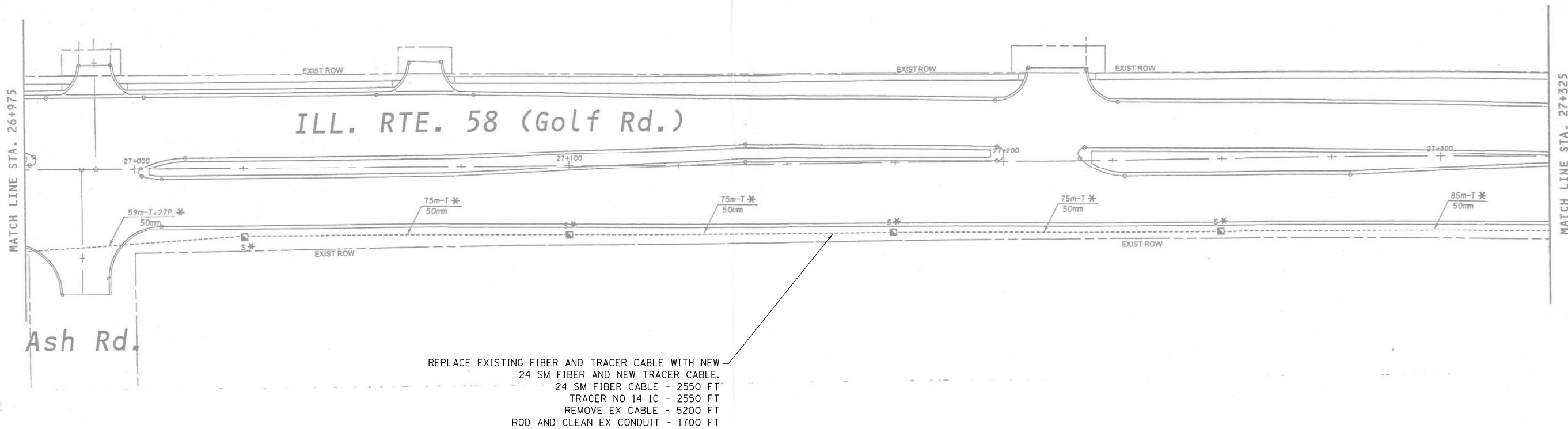
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
IL 58 (GOLF RD.) AT WILKENNING RD.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	160
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



IDOT CENTRACS
FORMER ECON 78

MODEL: Default
FILE: \\nashville-bentley.com\FW\DOT\Documents\IDOT\Office\District 1\Projects\115476\CADD\Bentley\62R81\Interconnect.dgn

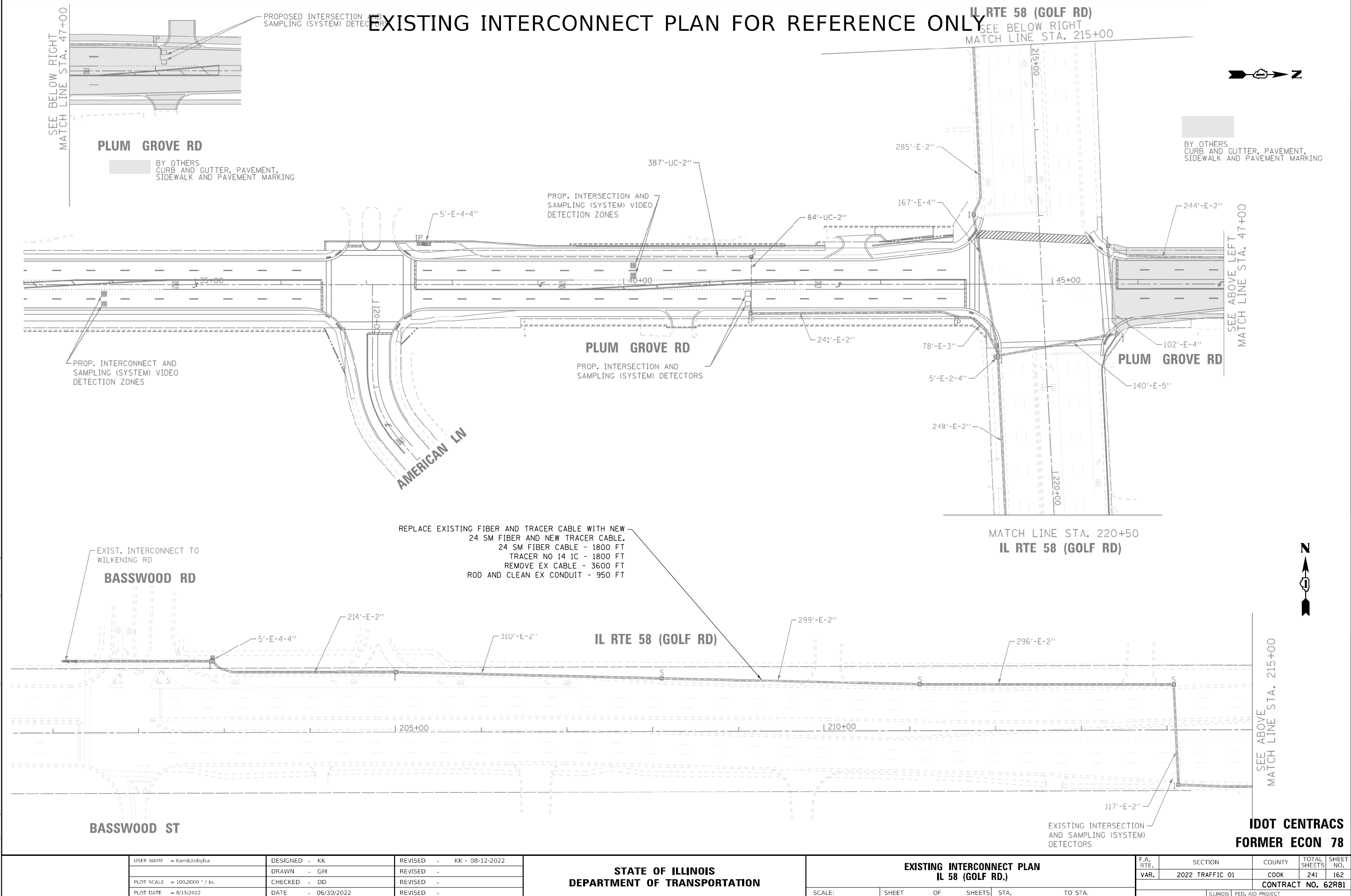
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	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN IL 58 (GOLF RD.) AT BASSWOOD RD.			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	161
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: \\dot-pw-bentley.com\\P\\V\\DOT\\Documents\\DOT Office\\Dir\\dot 1\\Projects\\115476\\CAD\\Data\\Traffic\\62R81 Interconnect.dgn



USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

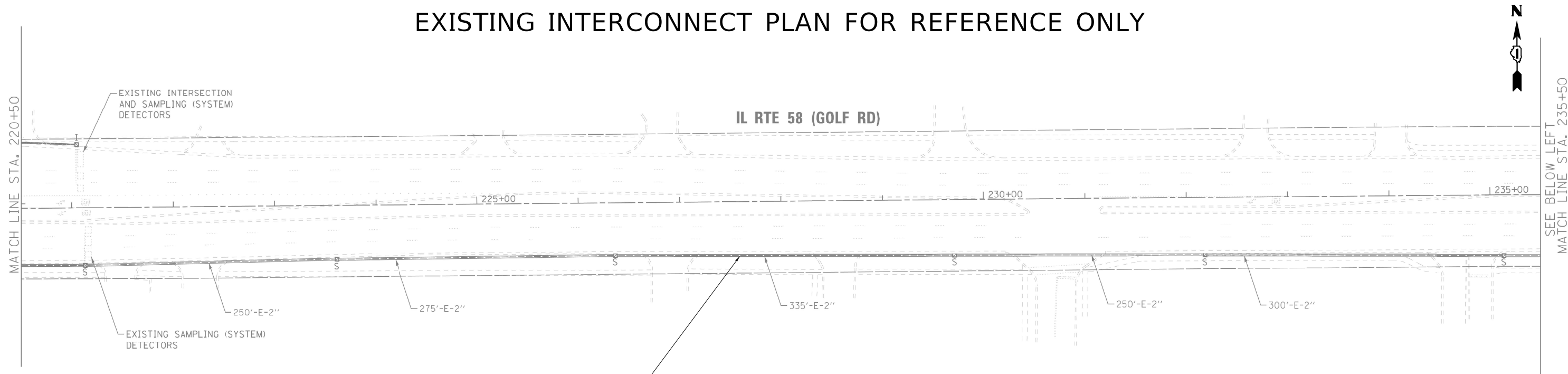
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
IL 58 (GOLF RD.)

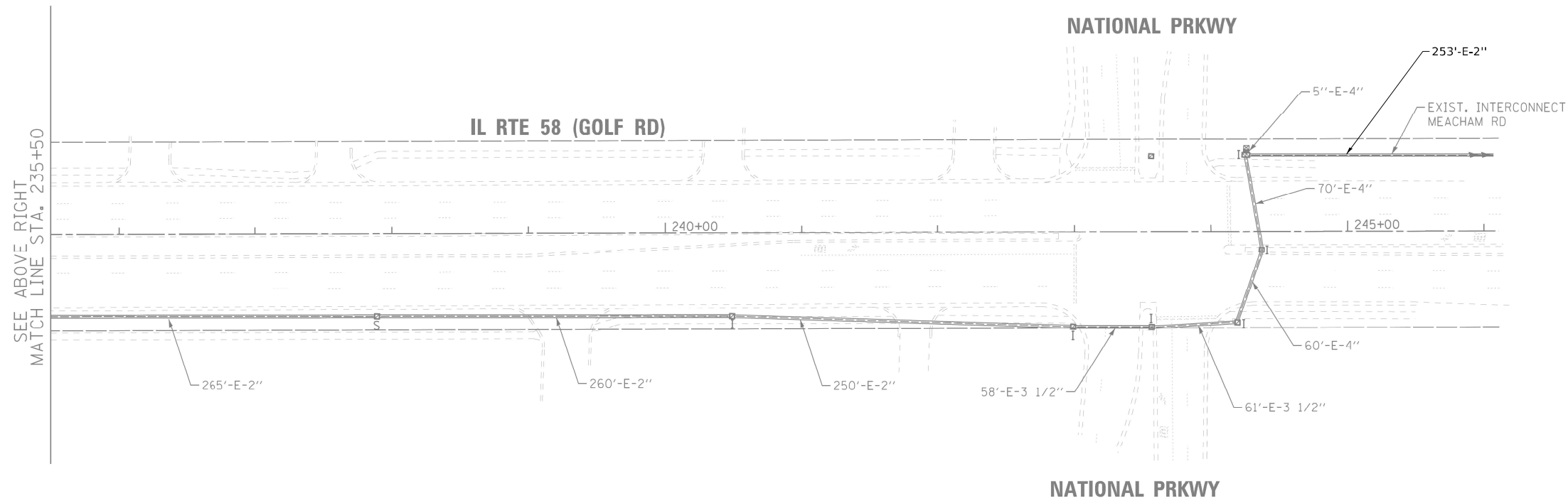
SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	162
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 2850 FT
TRACER NO 14 IC - 2850 FT
REMOVE EX CABLE - 5700 FT
ROD AND CLEAN EX CONDUIT - 2000 FT



IDOT CENTRACS
FORMER ECON 78

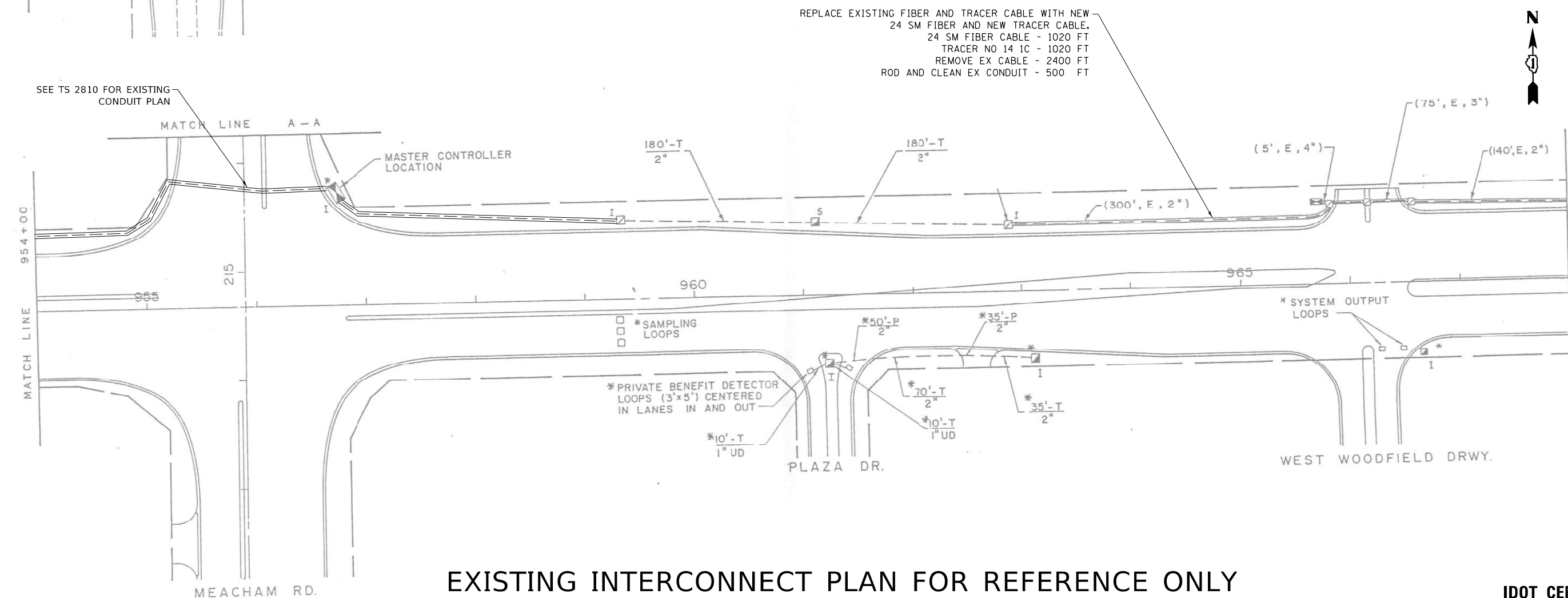
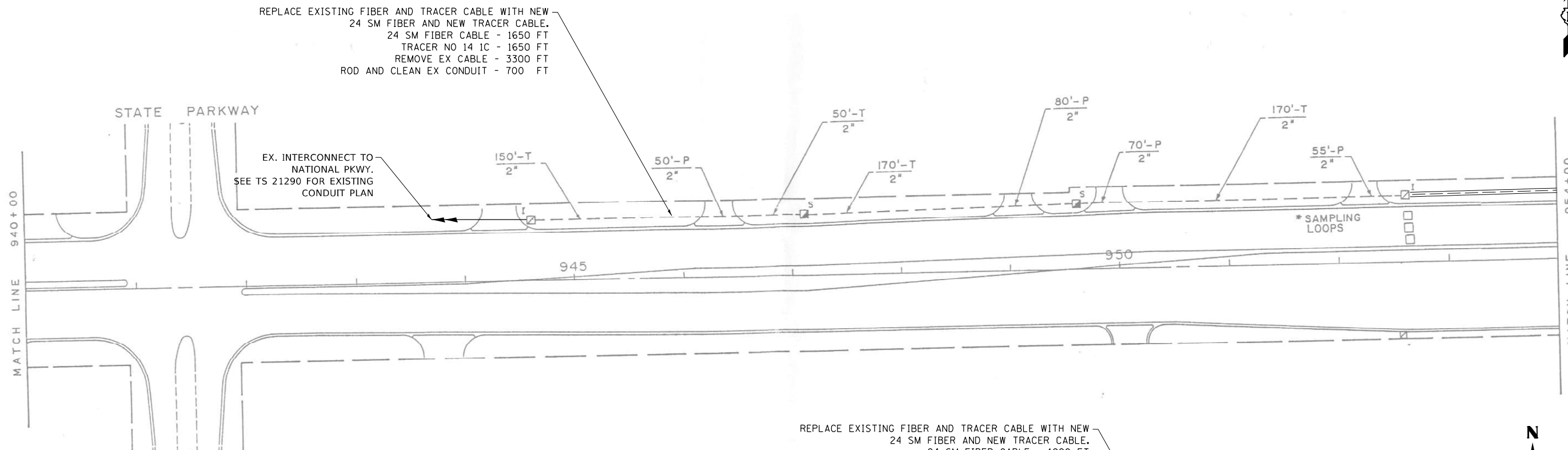
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USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN IL 58 (GOLF RD.) AT NATIONAL PRKWY			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	163
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				



EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY

**IDOT CENTRACS
FORMER ECON 78**

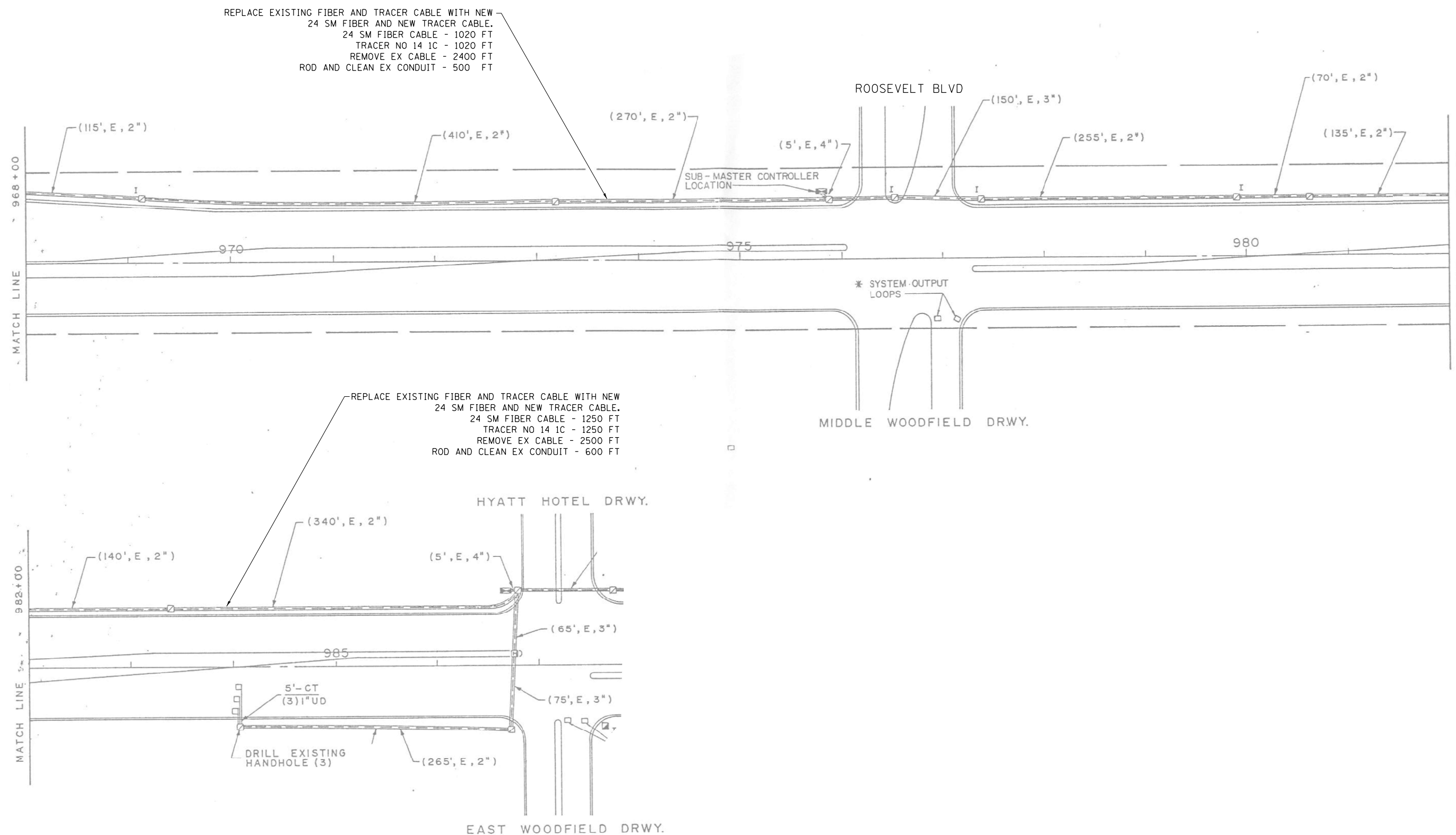
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PLOT SCALE = 100,000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING INTERCONNECT PLAN
IL 58 (GOLF RD.) AT MECHAM RD.**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	164
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				



EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY

IDOT CENTRACS
FORMER ECON 78

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

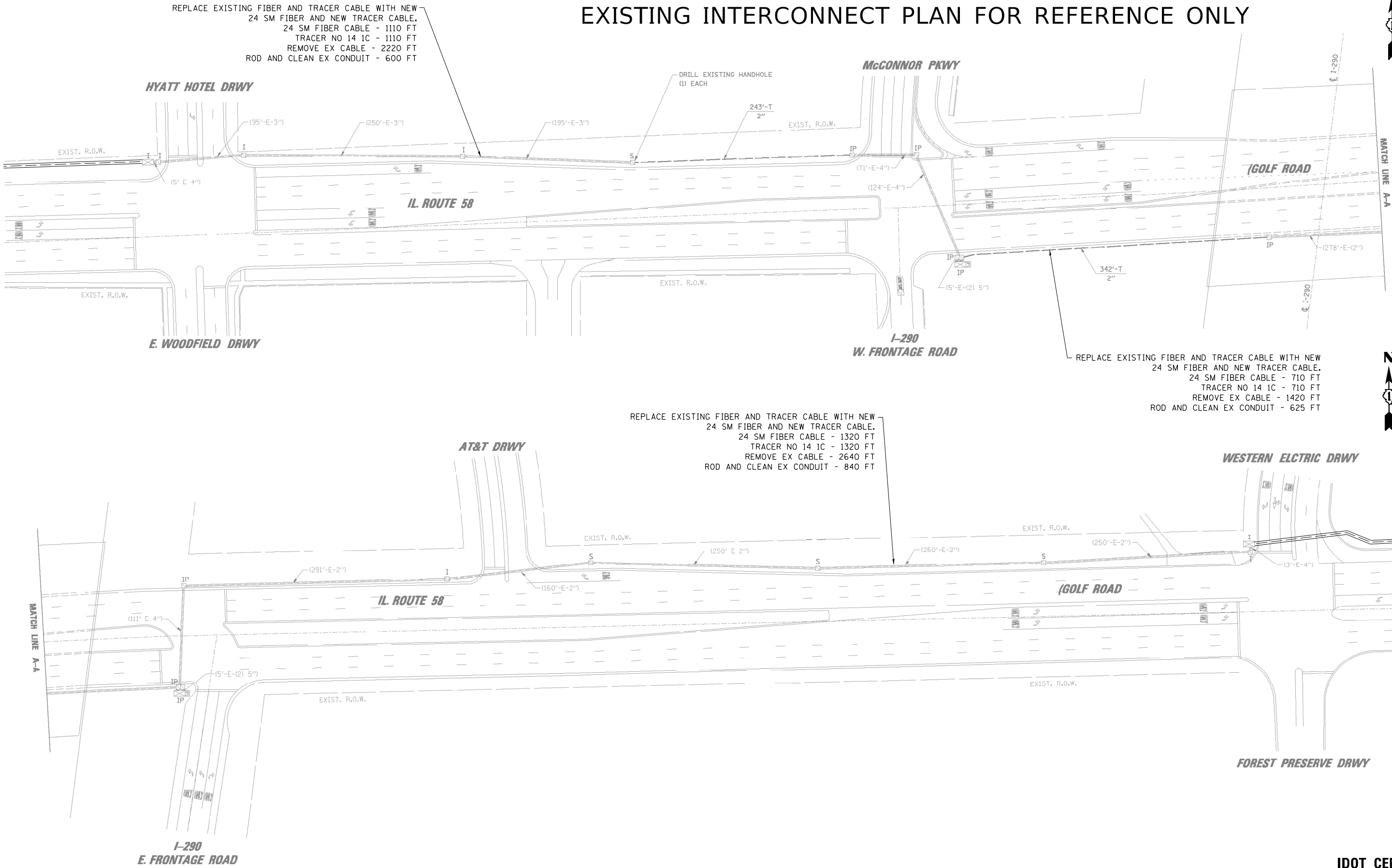
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
IL 58 (GOLF RD.) AT ROOSEVELT DRIVE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	165
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



IDOT CENTRACS
FORMER ECON 78

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

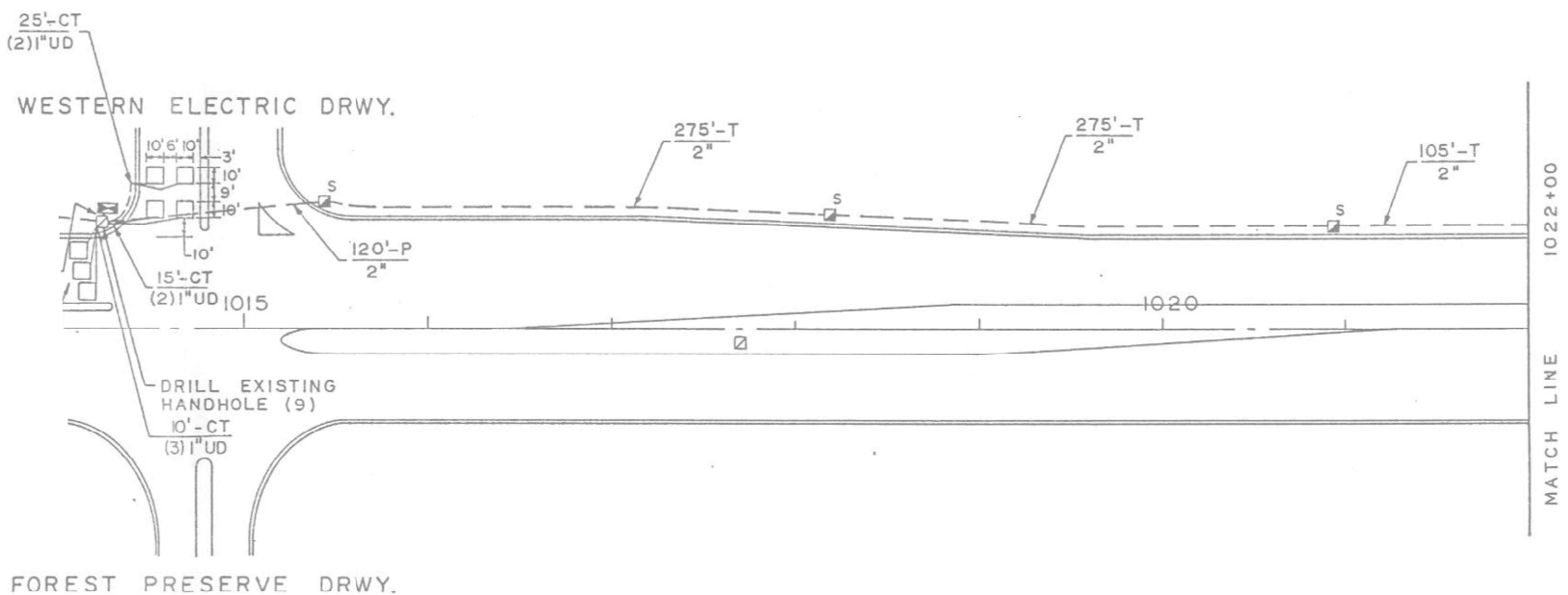
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN IL 58 (GOLF RD.) AT I-290			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

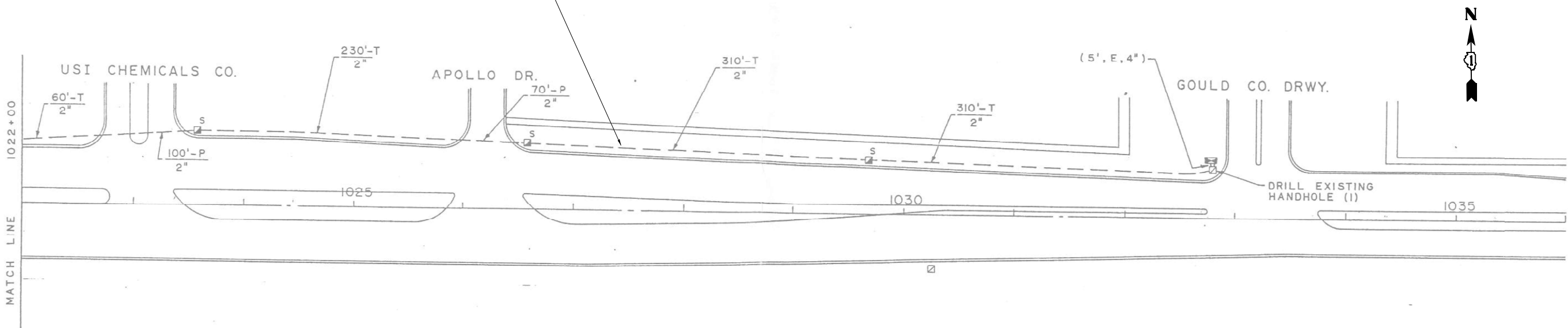
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	166
CONTRACT NO. 62R81				
ILLINOIS		FED. AID PROJECT		

MODEL: Default
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EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 1960 FT
TRACER NO 14 1C - 1960 FT
REMOVE EX CABLE - 4000 FT
ROD AND CLEAN EX CONDUIT - 1450 FT



IDOT CENTRACS
FORMER ECON 78

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

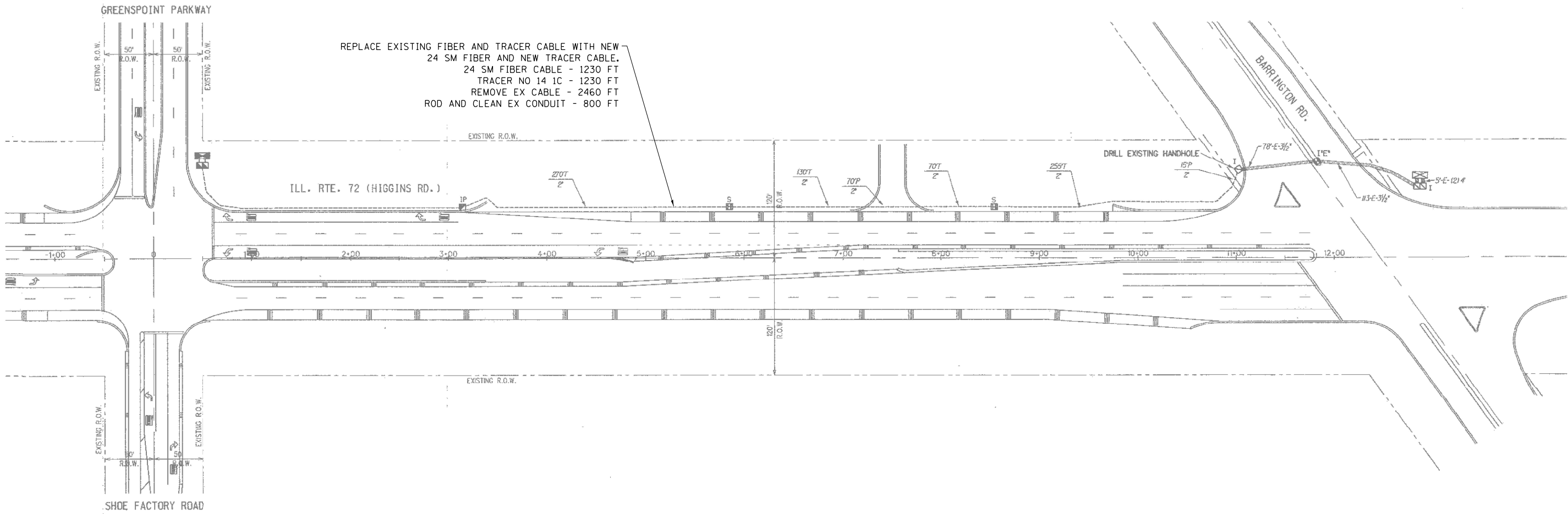
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
IL 58 (GOLF RD.) GALLAGHER WAY

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	167
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



IDOT CENTRACS
FORMER ECON 73

MODEL: Default
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USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
IL 72 (HIGGINS ROAD) AT SHOE FACTORY RD.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	168
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY

**REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.**

- 24 SM FIBER CABLE - 835 FT
- TRACER NO 14 IC - 835 FT
- REMOVE EX CABLE - 1670 FT
- ROD AND CLEAN EX CONDUIT - 443 FT

**REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.**

- 24 SM FIBER CABLE - 1505 FT
- TRACER NO 14 IC - 1505 FT
- REMOVE EX CABLE - 3010 FT
- ROD AND CLEAN EX CONDUIT - 1483 FT

EXISTING R.O.W.
ILL RTE 72
(HIGGINS ROAD)
BARRINGTON ROAD
EXISTING R.O.W.
EXISTING R.O.W.
EXISTING R.O.W.
EXISTING R.O.W.
EXISTING R.O.W.
EXISTING R.O.W.

INTERCONNECT TO HASSEL ROAD
INTERCONNECT TO GREENSPPOINT PARKWAY
DRILL EXISTING HANDHOLE (U)

MATCH LINE A-A (SEE ABOVE)
MATCH LINE B-B (SEE NEXT SHEET)

Stationing: 85+00, 90+00

Cable segments labeled:
(69'-E-2 1/2")
(8'-E-2-5")
(135'-E-2-4")
(80'-E-2-4")
(252'-E-2")
(443'-E-2")
(496'-E-2")
(480'-E-2")
(507'-E-2")

MODEL: Default
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USER NAME = Kamil.Kobylka	DESIGNED = KK	REVISED = KK - 08-12-2022
	DRAWN = GM	REVISED =
PLOT SCALE = 100,0000 ' / in.	CHECKED = DD	REVISED =
PLOT DATE = 8/15/2022	DATE = 06/30/2022	REVISED =

**EXISTING INTERCONNECT PLAN
IL 72 (HIGGINS ROAD) AT BARRINGTON RD.**

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	169
		CONTRACT NO. 62R81		
ILLINOIS		FED. AID PROJECT		

REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 890 FT
TRACER NO 14 IC - 890 FT
REMOVE EX CABLE - 1780 FT
ROD AND CLEAN EX CONDUIT - 493 FT

MATCH LINE C-C
(SEE BELOW)

(SEE ABOVE)

MATCH LINE D-D
(SEE NEXT SHEET)

**EXISTING INTERCONNECT PLAN
IL 72 (HIGGINS ROAD) AT MOON LAKE BLVD.**

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	170
		CONTRACT NO. 62R81		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 1520 FT
TRACER NO 14 1C - 1520 FT
REMOVE EX CABLE - 3040 FT
ROD AND CLEAN EX CONDUIT - 1500 FT
ILL. ROUTE 72

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY

REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 540 FT
TRACER NO 14 1C - 540 FT
REMOVE EX CABLE - 1080 FT
ROD AND CLEAN EX CONDUIT - 500 FT

REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 1270 FT
TRACER NO 14 1C - 1270 FT
REMOVE EX CABLE - 2540 FT
ROD AND CLEAN EX CONDUIT - 1170 FT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

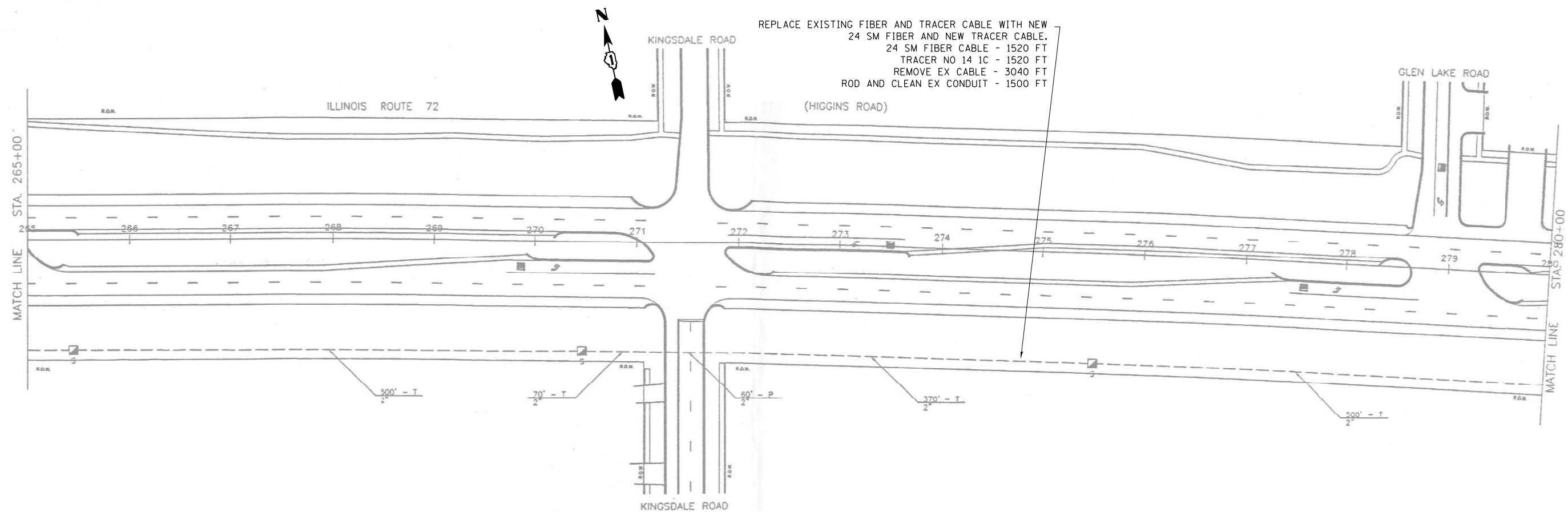
EXISTING INTERCONNECT PLAN
IL 72 (HIGGINS ROAD) AT HUNTINGTON BLVD.

IDOT CENTRACS
FORMER ECON 73

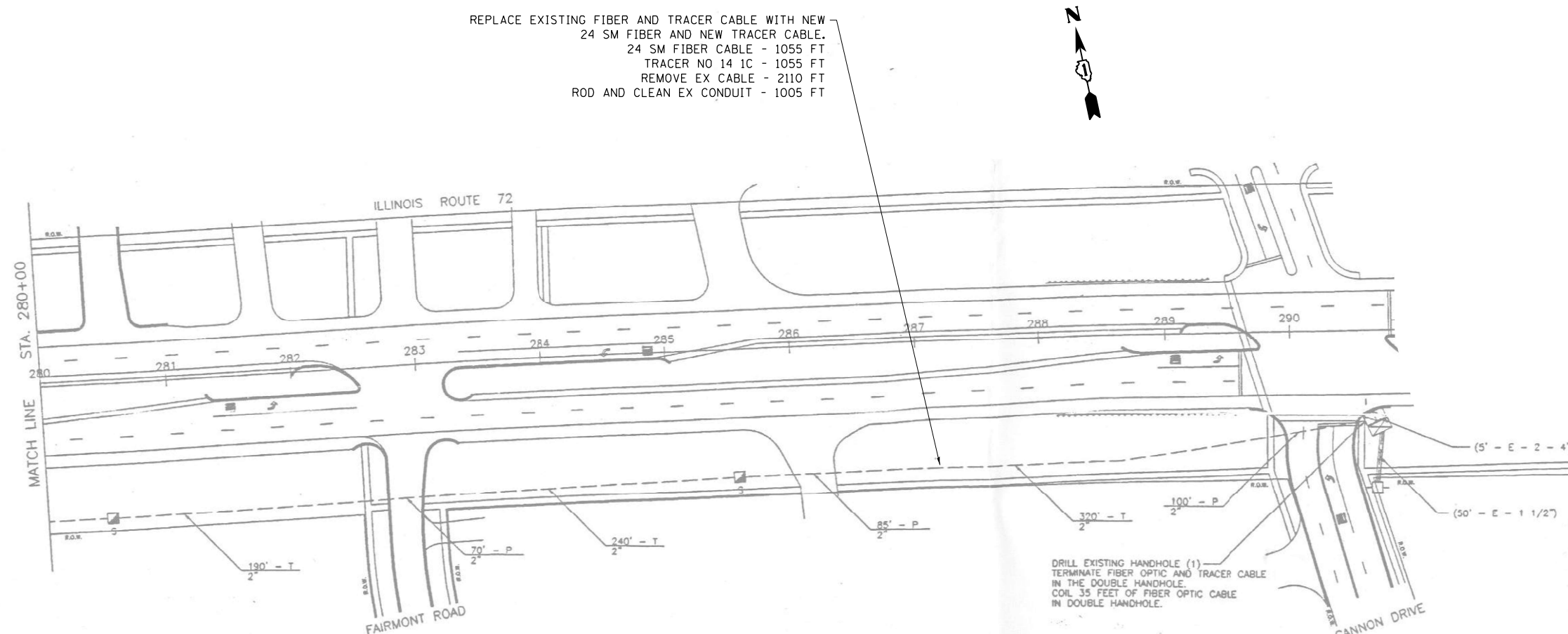
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	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	171
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				



EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



DRILL EXISTING HANDHOLE (1)
TERMINATE FIBER OPTIC AND TRACER CABLE
IN THE DOUBLE HANDHOLE.
COIL 35 FEET OF FIBER OPTIC CABLE
IN DOUBLE HANDHOLE.

**IDOT CENTRACS
FORMER ECON 81**

USER NAME = Kamil,Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE = 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**EXISTING INTERCONNECT PLAN
IL 72 (HIGGINS ROAD) AT GANNON DR.**

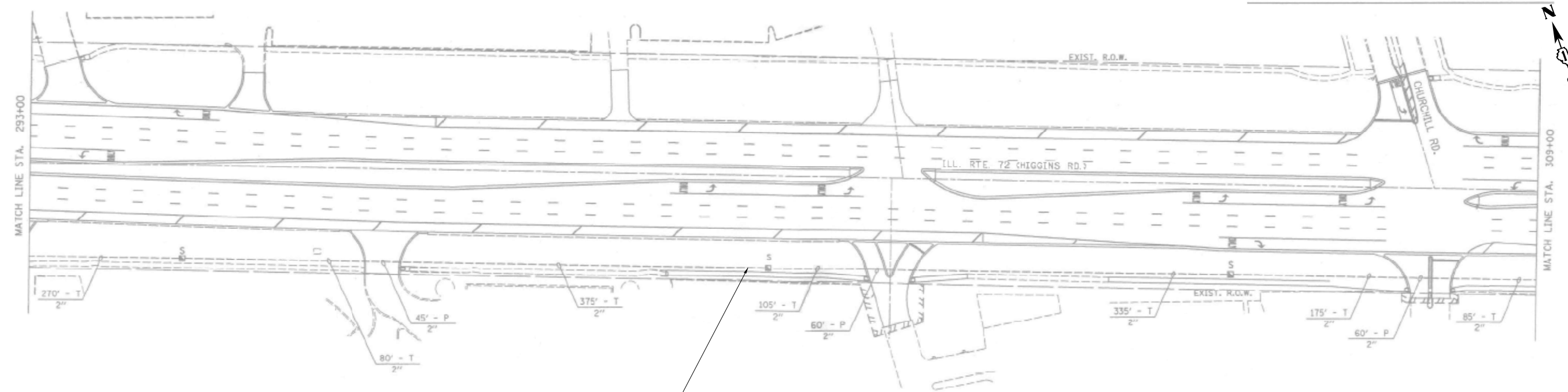
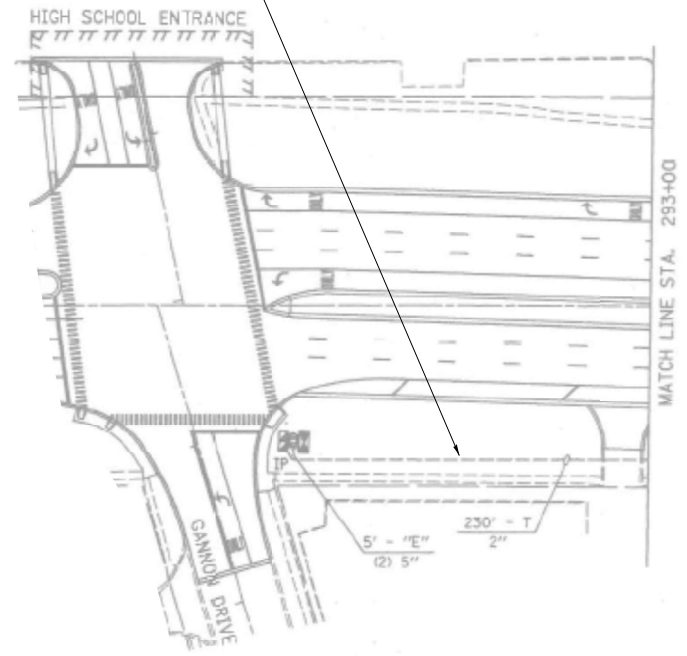
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	172
		CONTRACT NO. 62RB1		
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: \\nashville-bentley.com\PIV\DOT\Documents\DOT Office\District 1\Projects\115476\CADD\Traffic\62R81 Interconnect.dgn

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY

REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 265 FT
TRACER NO 14 IC - 265 FT
REMOVE EX CABLE - 530 FT
ROD AND CLEAN EX CONDUIT - 230 FT



REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 1625 FT
TRACER NO 14 IC - 1625 FT
REMOVE EX CABLE - 3250 FT
ROD AND CLEAN EX CONDUIT - 1590 FT

IDOT CENTRACS
FORMER ECON 81

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

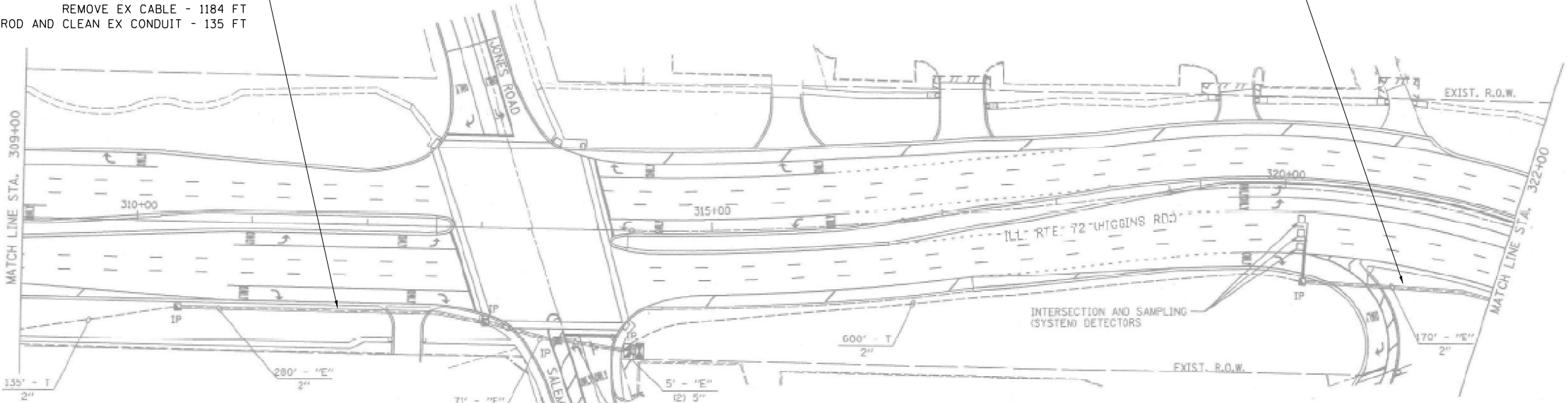
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN IL 72 (HIGGINS ROAD) CHURCHIL RD.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	173
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

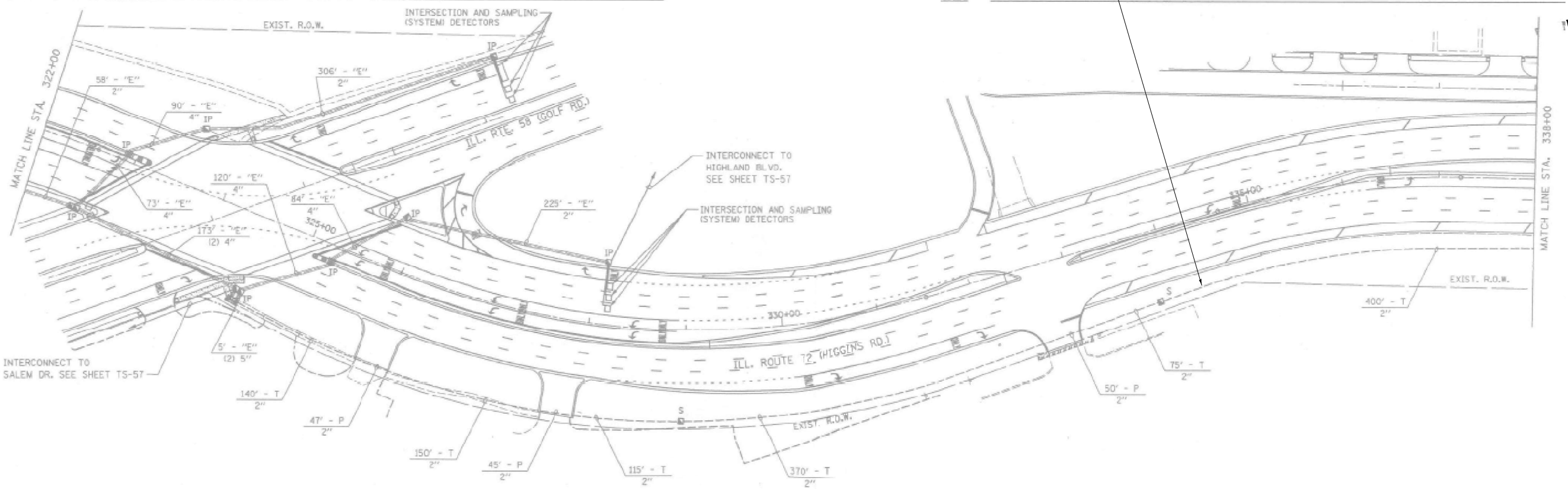
REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 592 FT
TRACER NO 14 1C - 592 FT
REMOVE EX CABLE - 1184 FT
ROD AND CLEAN EX CONDUIT - 135 FT

REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 1090 FT
TRACER NO 14 1C - 1090 FT
REMOVE EX CABLE - 2180 FT
ROD AND CLEAN EX CONDUIT - 600 FT



EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY

REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 1440 FT
TRACER NO 14 1C - 1440 FT
REMOVE EX CABLE - 2880 FT
ROD AND CLEAN EX CONDUIT - 1390 FT



IDOT CENTRACS
FORMER ECON 81

USER NAME = Kamil.Kobylika	DESIGNED - KK	REVISED - KK - 08-12-2022
PLOT SCALE = 100,000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

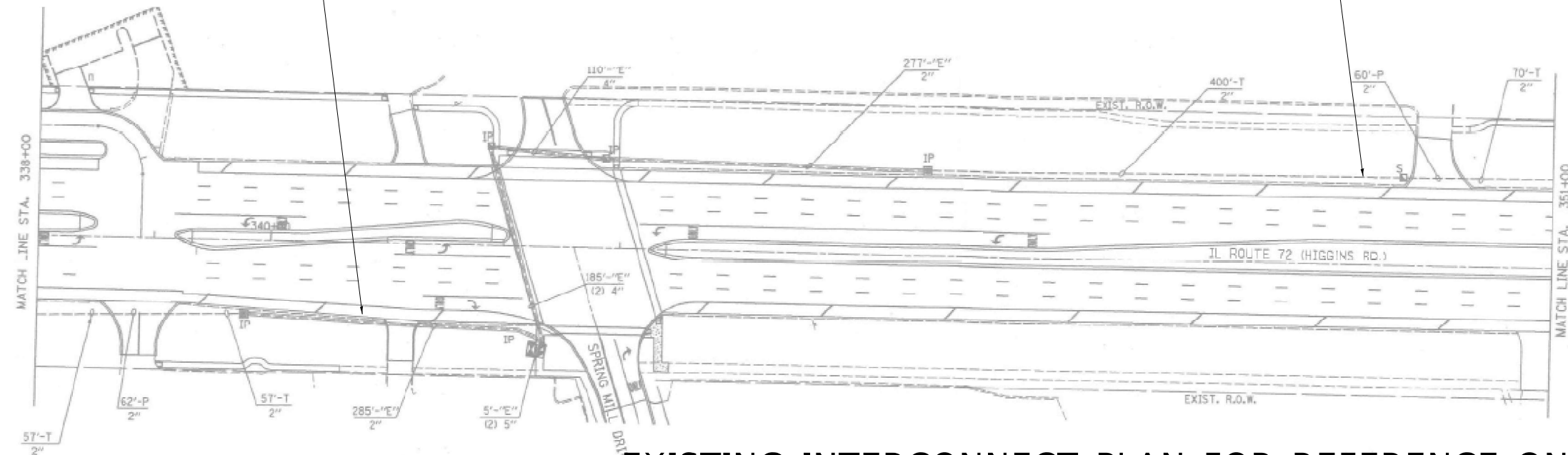
EXISTING INTERCONNECT PLAN IL 72 (HIGGINS ROAD) SALEM DR.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	174
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

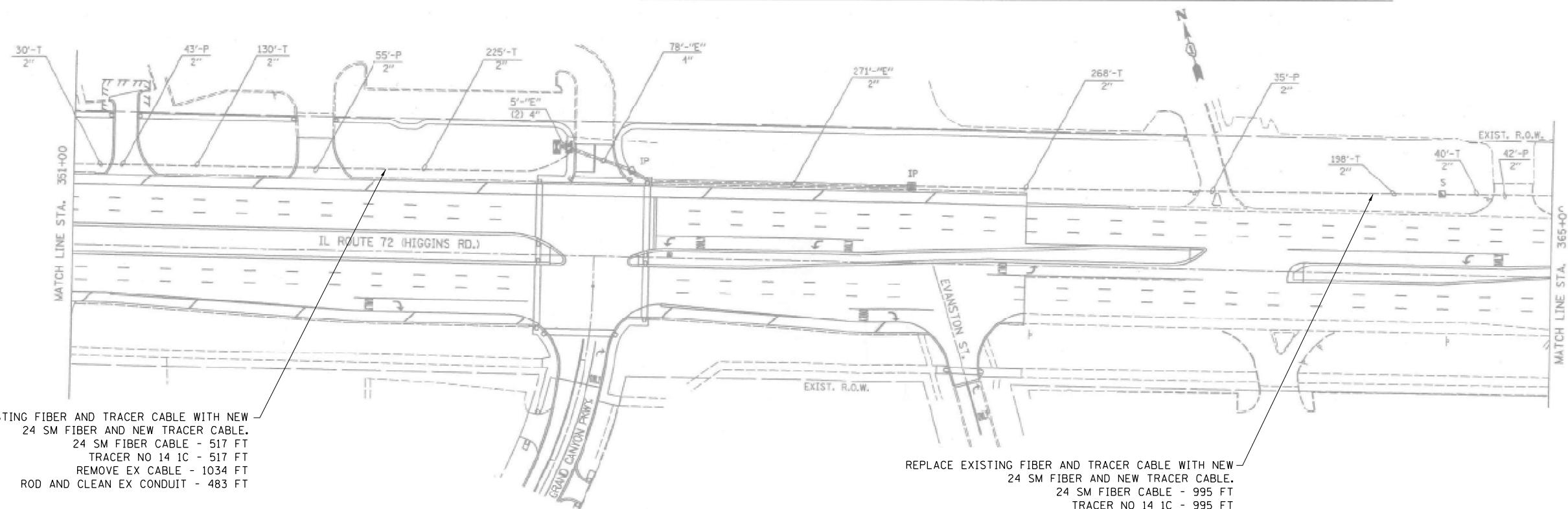
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REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
    24 SM FIBER AND NEW TRACER CABLE.
        24 SM FIBER CABLE - 1170 FT
            TRACER NO 14 1C - 1170 FT
                REMOVE EX CABLE - 2340 FT
                    ROD AND CLEAN EX CONDUIT - 530 FT

```



EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



```

REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
  24 SM FIBER AND NEW TRACER CABLE.
    24 SM FIBER CABLE - 995 FT
      TRACER NO 14 IC - 995 FT
        REMOVE EX CABLE - 1990 FT
          CLEAN EX CONDUIT - 580 FT
            ROD AND

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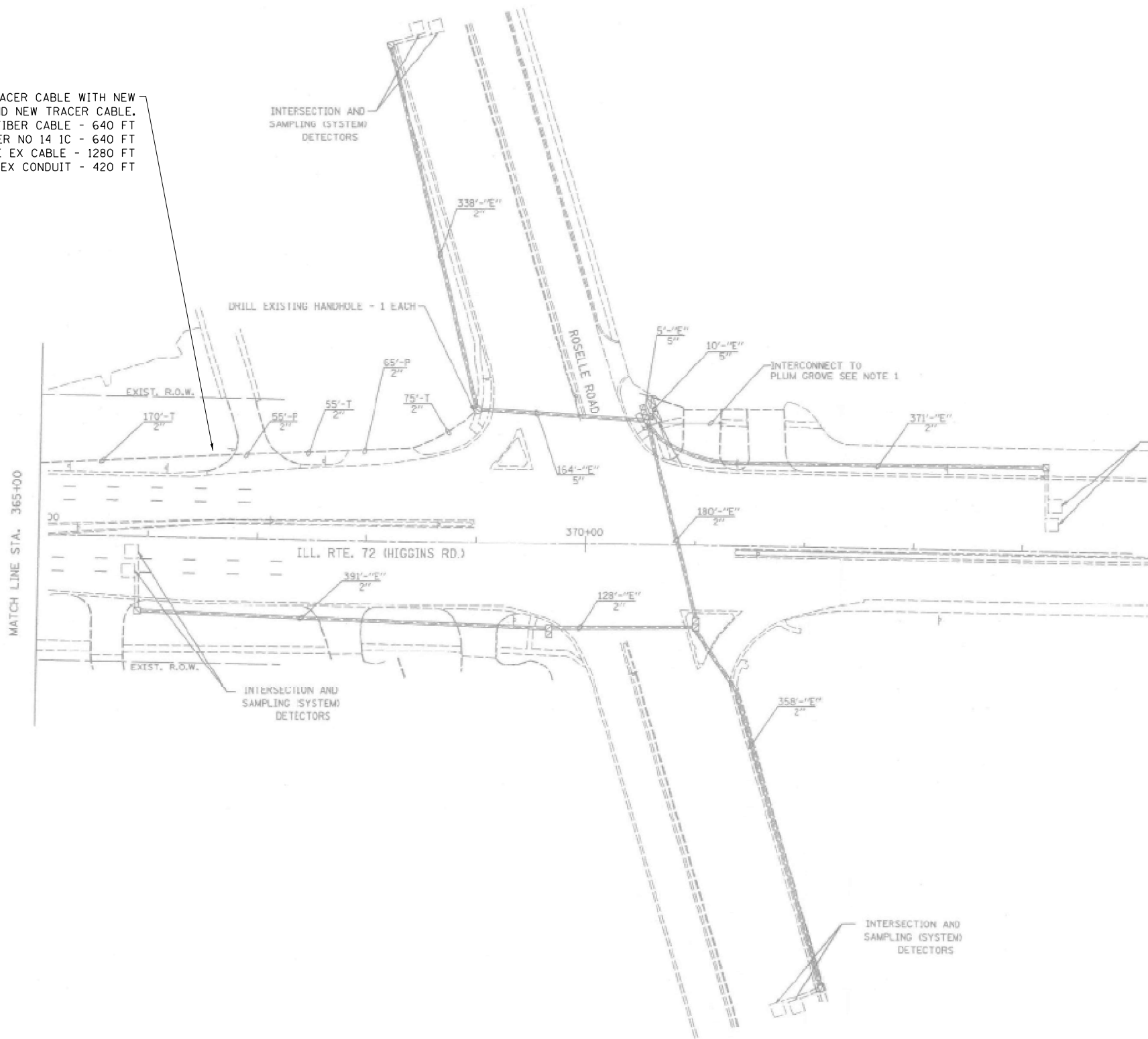
IDOT CENTRACS
FORMER ECON 81

USER NAME = KamilKobylka	DESIGNED - KK	REVISED - KK - 08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN IL 72 (HIGGINS ROAD) AT SPRING MILL DR.				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - GM	REVISED -						VAR.	2022 TRAFFIC 01	COOK	241	175
PLOT SCALE = 100,0000 ' / in.	CHECKED - DD	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 62R81		
PLOT DATE = 8/15/2022	DATE = 06/30/2022	REVISED -								ILLINOIS	FED. AID	PROJECT

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 640 FT
TRACER NO 14 1C - 640 FT
REMOVE EX CABLE - 1280 FT
ROD AND CLEAN EX CONDUIT - 420 FT



IDOT CENTRACS
FORMER ECON 81

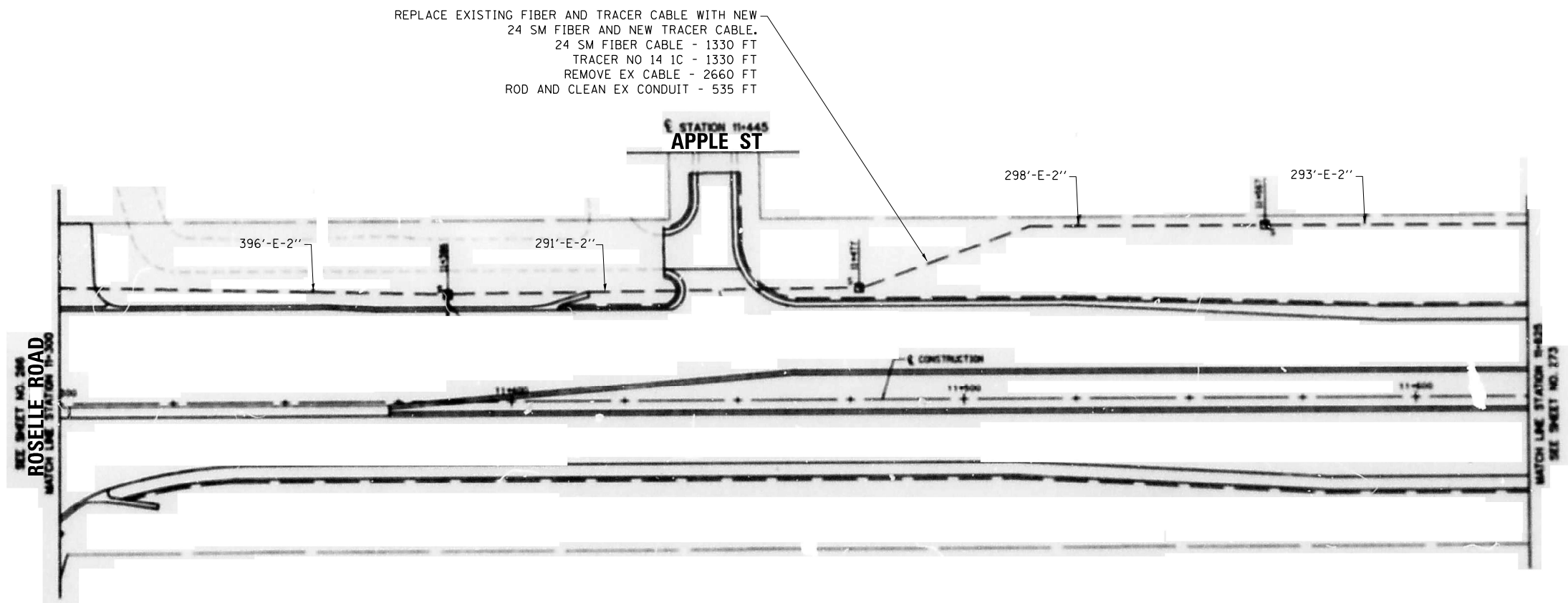
USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
IL 72 (HIGGINS ROAD) AT ROSELLE RD.

SCALE: SHEET OF SHEETS STA. TO STA.

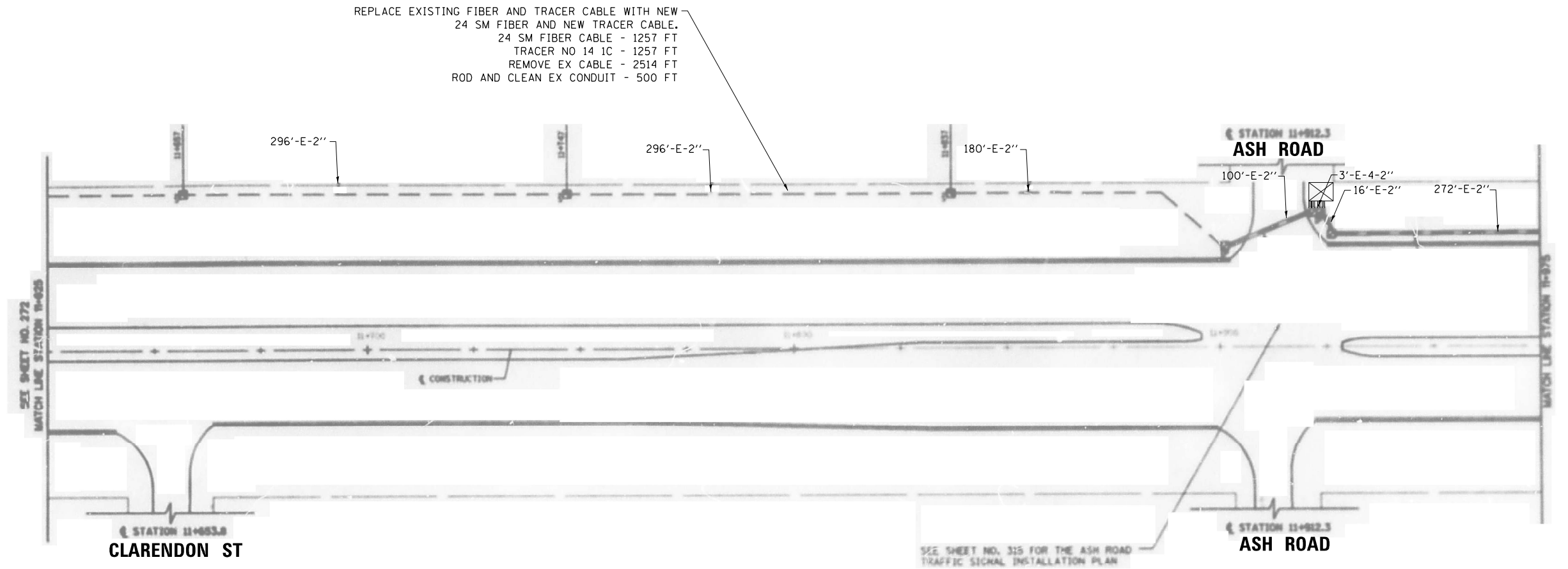
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	176
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				



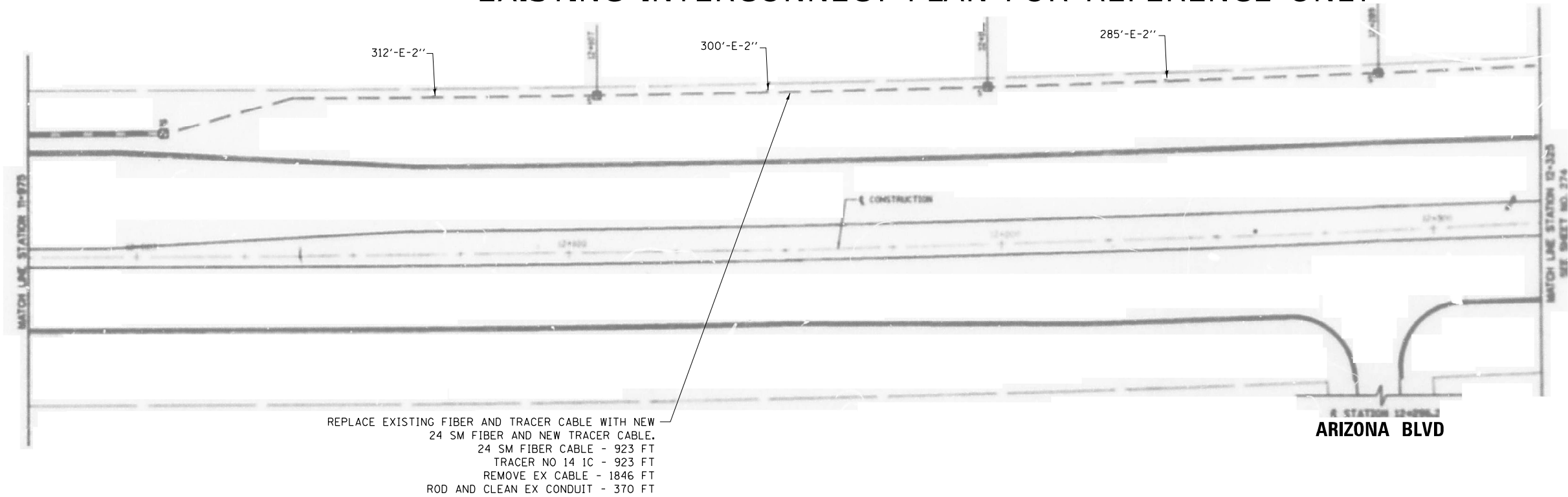
IDOT CENTRACS
FORMER ECON 81

	USER NAME = koby\kaka	DESIGNED - KK	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN IL 72 (HIGGINS ROAD) AT APPLE ST.				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - GM	REVISED -						VAR.	2022 TRAFFIC 01	COOK	241	177
	PLOT SCALE = 100,0000 ' / in.	CHECKED - DD	REVISED -		CONTRACT NO. 62R81								
	PLOT DATE = 6/30/2022	DATE - 06/30/2022	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

MODEL: Default
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EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



IDOT CENTRACS
FORMER ECON 78

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

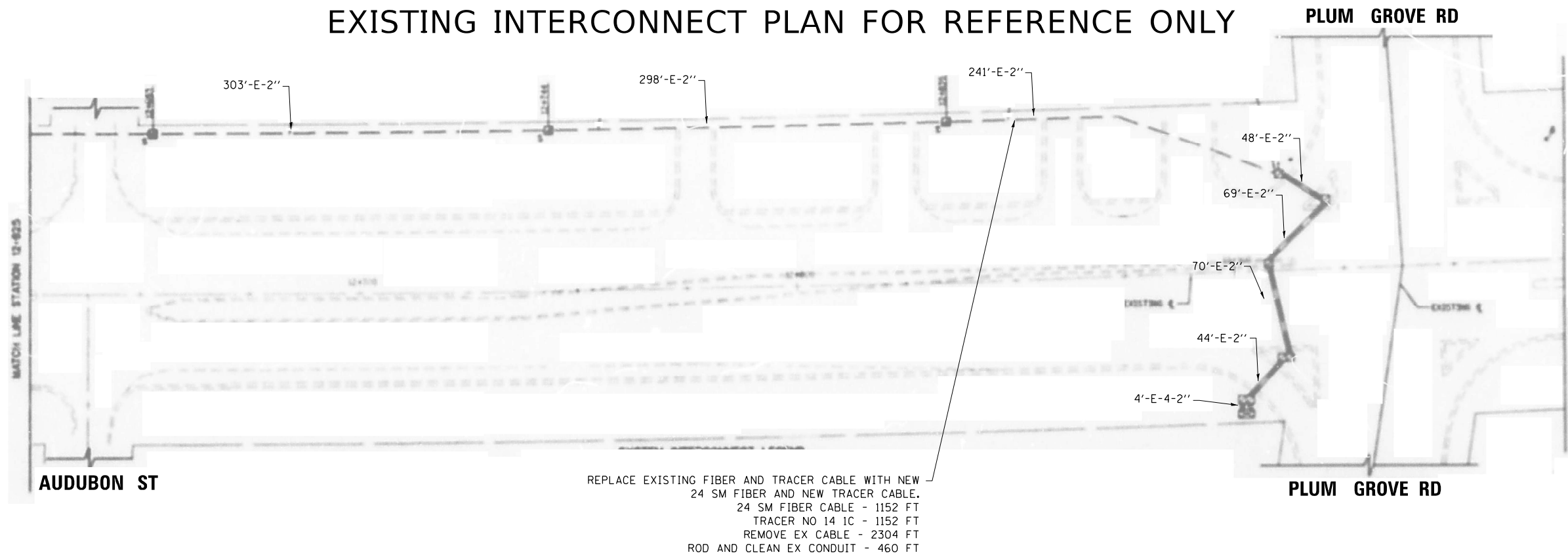
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
IL 72 (HIGGINS ROAD) ASH RD.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	178
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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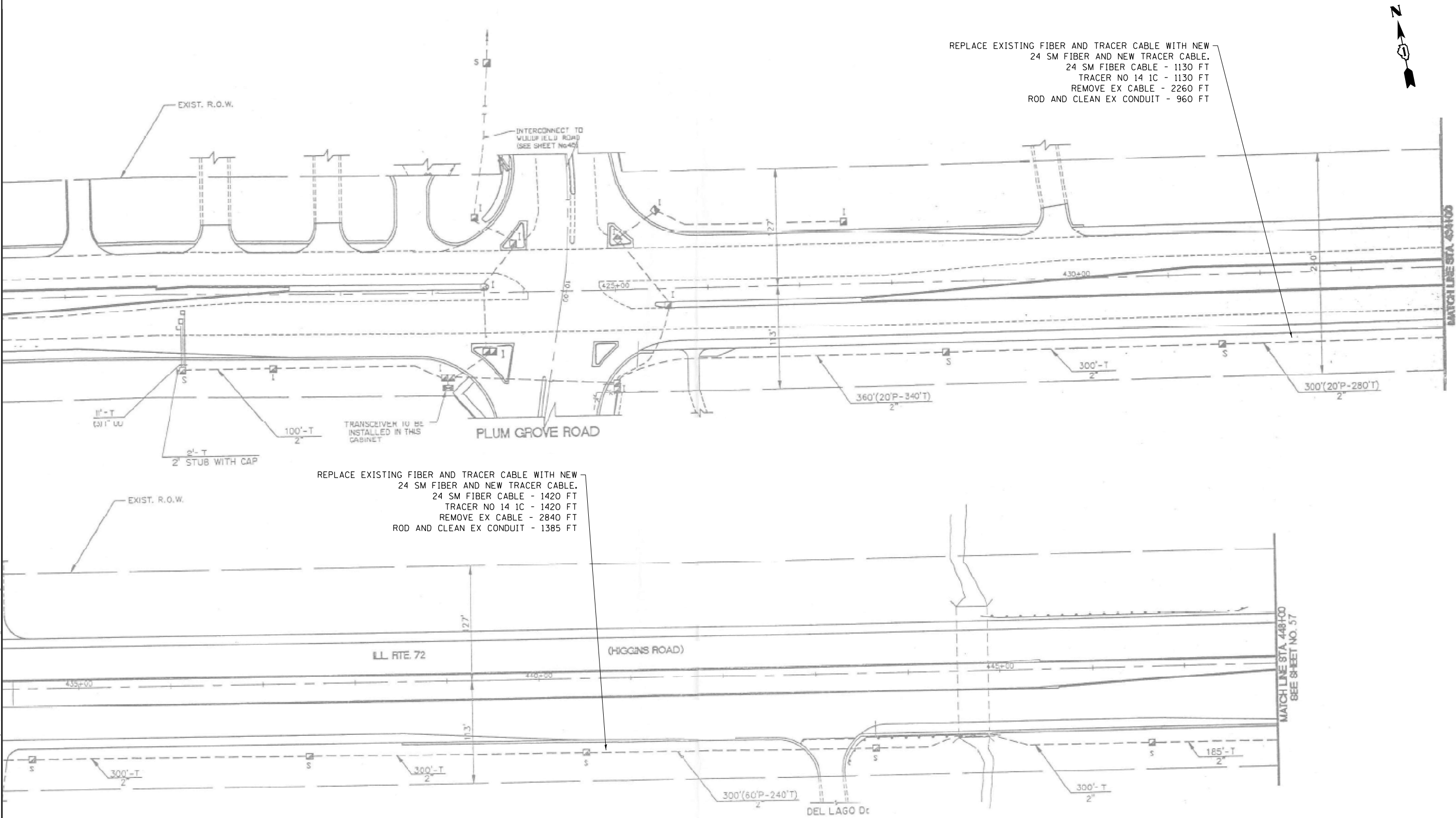
IDOT CENTRACS
FORMER ECON 84

SCALE:	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			EXISTING INTERCONNECT PLAN IL 72 (HIGGINS ROAD) AT ALMOND LN.			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							VAR.	2022 TRAFFIC 01	COOK	241	179
							CONTRACT NO. 62R81				
							ILLINOIS FED. AID PROJECT				

USER NAME	= Kamil.Kobylka	DESIGNED	- KK	REVISED	- KK - 08-12-2022
DRAWN	- GM	CHECKED	- DD	REVISED	-
PLOT SCALE	= 100,0000 ' / in.	DATE	- 06/30/2022	REVISED	-
PLOT DATE	= 8/15/2022				

SHEET	OF	SHEETS	STA.	TO	STA.
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EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



IDOT CENTRACS
FORMER ECON 84

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

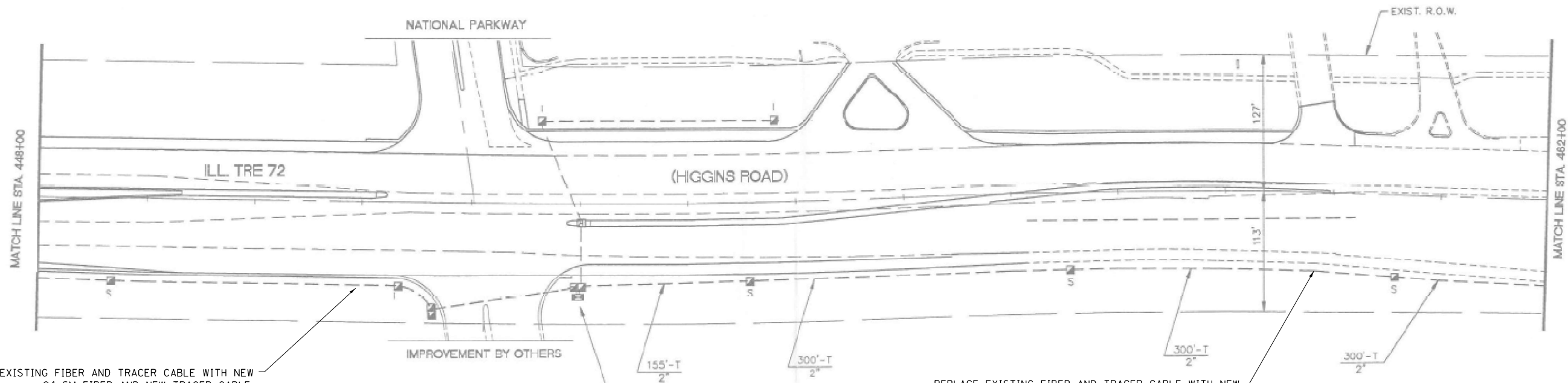
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT PLAN
IL 72 (HIGGINS ROAD) AT PLUM GROVE RD.

SCALE: SHEET OF SHEETS STA. TO STA.

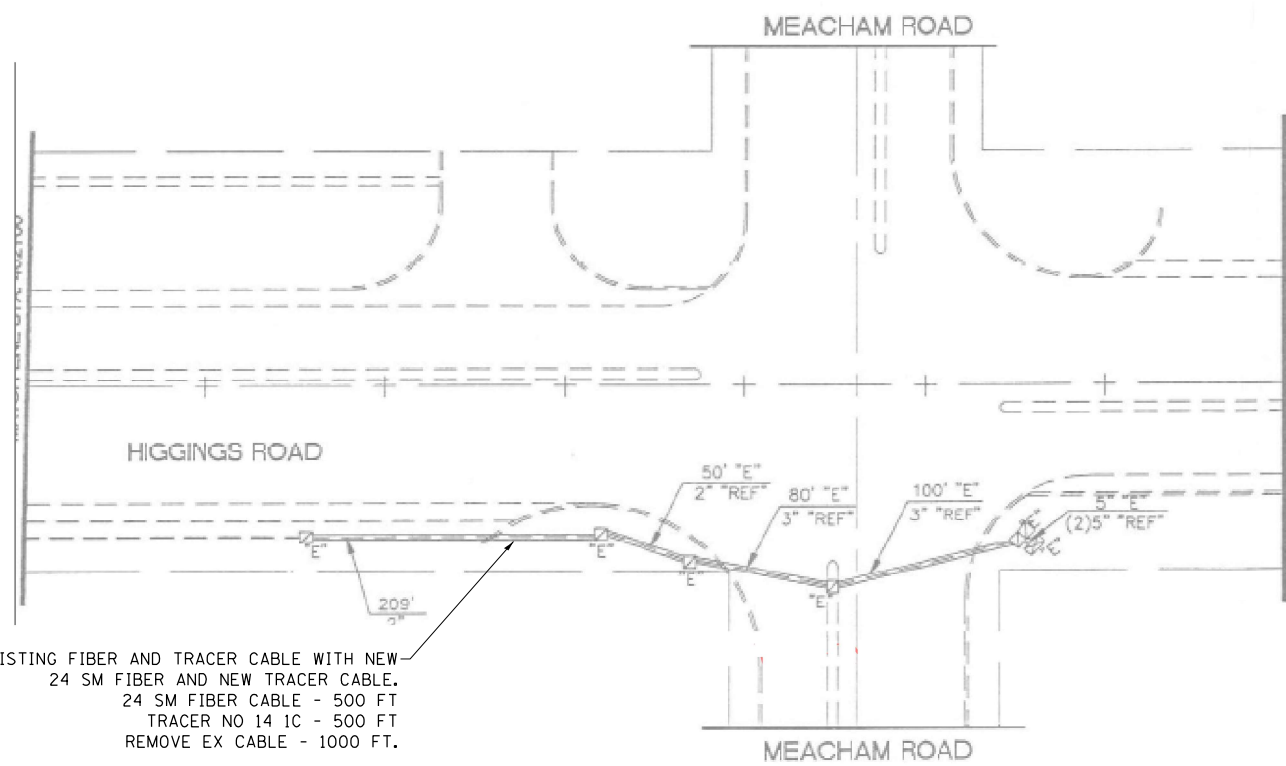
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	180
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 500 FT
TRACER NO 14 1C - 500 FT
REMOVE EX CABLE - 1000 FT.

REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 1110 FT
TRACER NO 14 1C - 1110 FT
REMOVE EX CABLE - 2220 FT
ROD AND CLEAN EX CONDUIT - 1055 FT



REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
24 SM FIBER AND NEW TRACER CABLE.
24 SM FIBER CABLE - 500 FT
TRACER NO 14 1C - 500 FT
REMOVE EX CABLE - 1000 FT.

IDOT CENTRACS
FORMER ECON 84

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

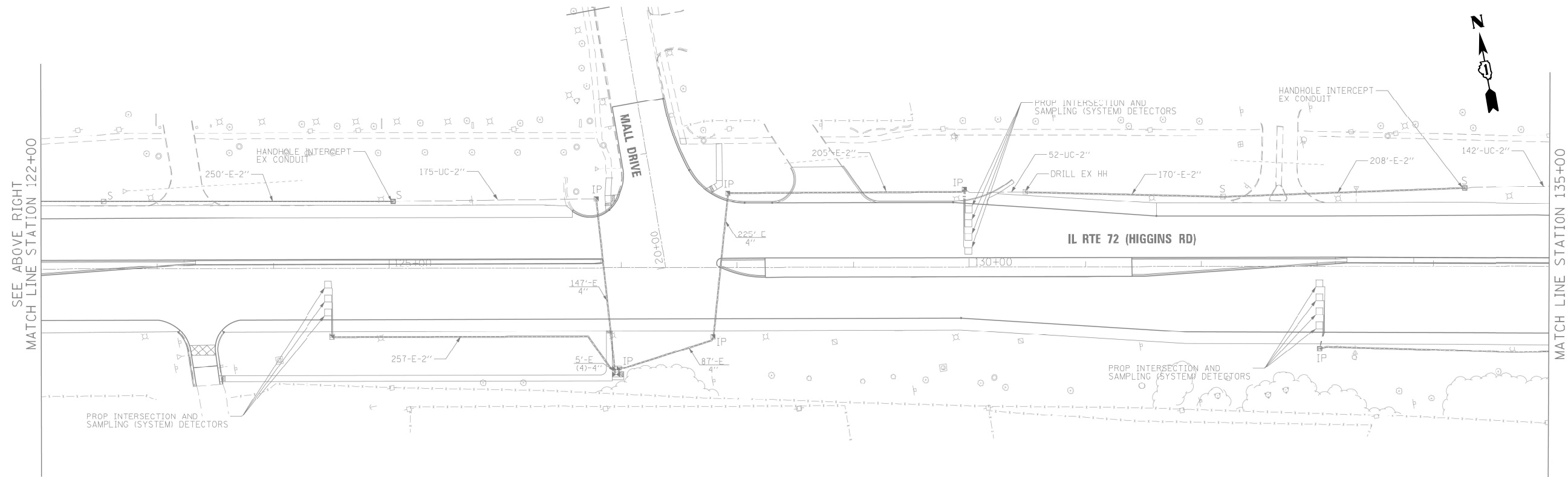
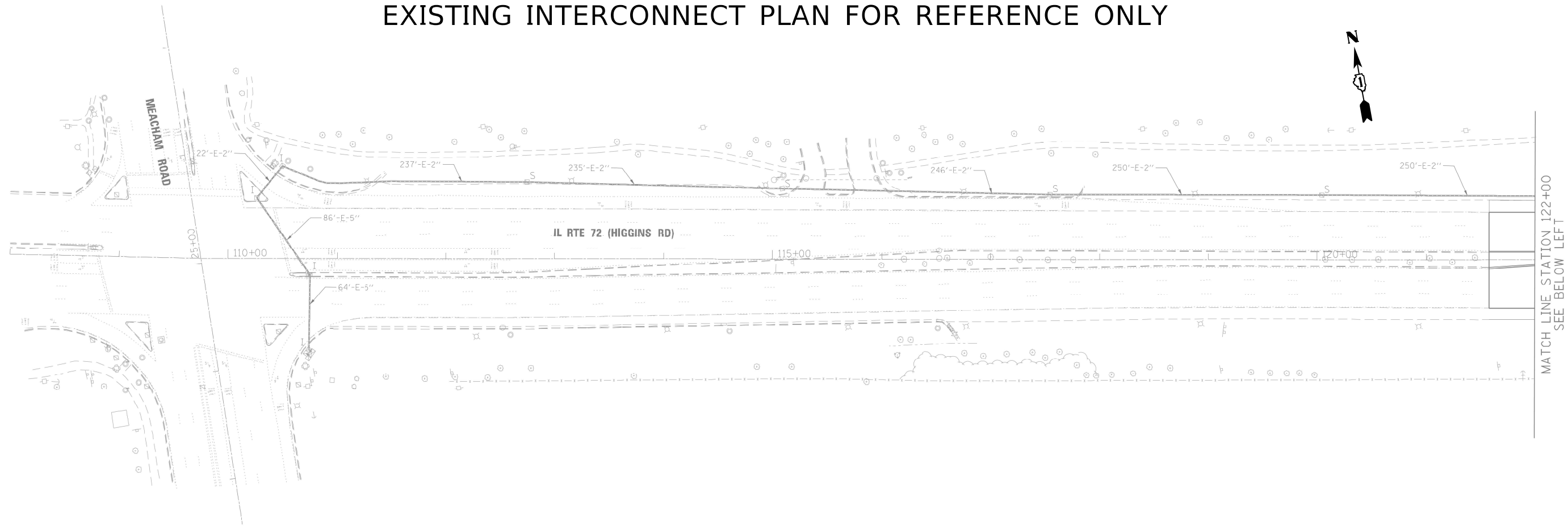
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT PLAN
IL 72 (HIGGINS ROAD) AT MEACHAM RD.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	181
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



IDOT CENTRACS
FORMER ECON 84

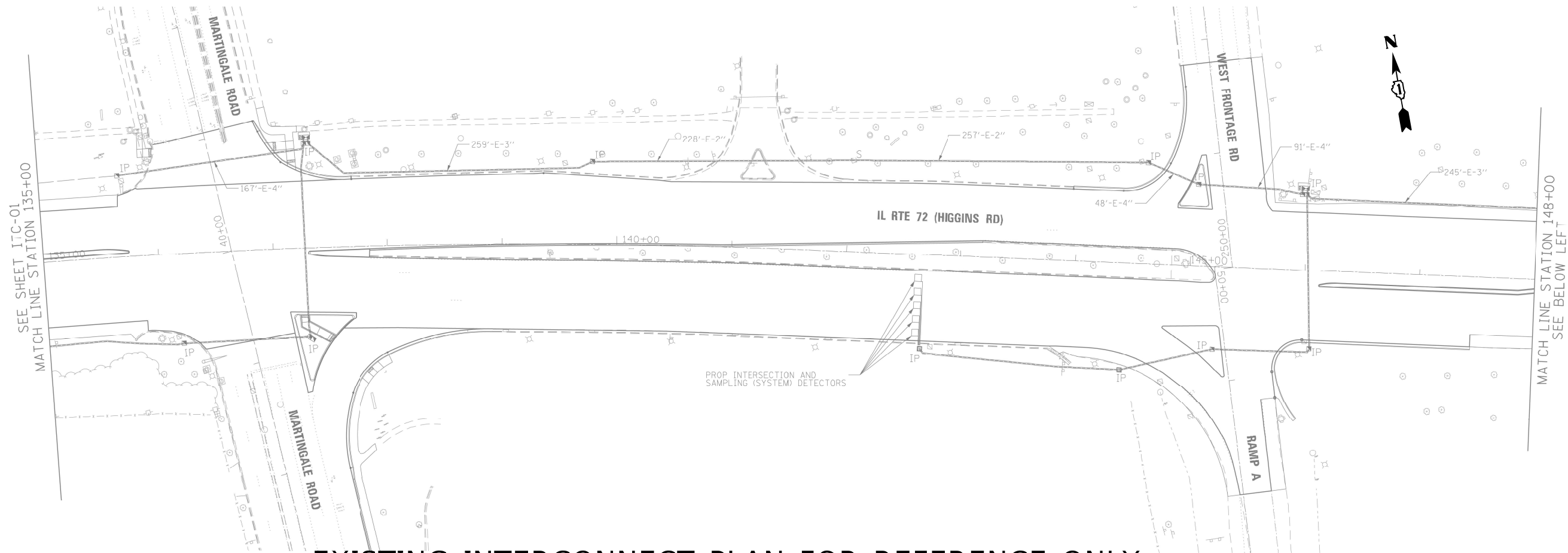
USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

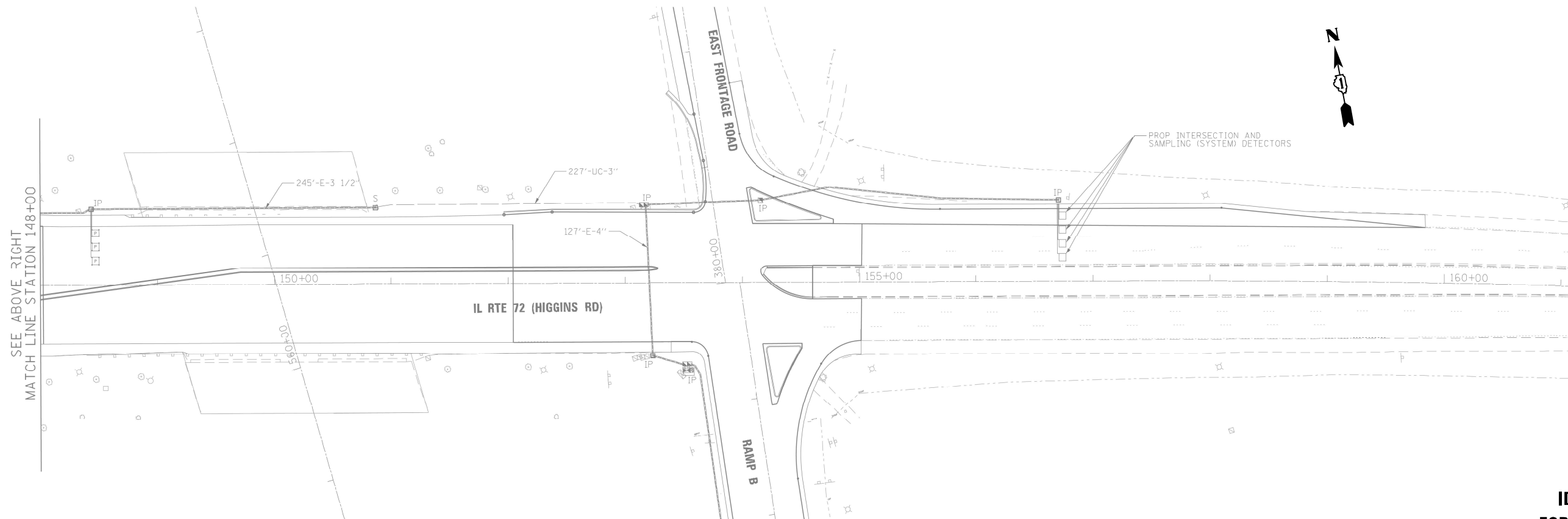
PROPOSED INTERCONNECT PLAN
IL 72 (HIGGINS ROAD) AT MALL DR.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	182
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				



EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



IDOT CENTRACS
FORMER ECON 84

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
DRAWN - GM	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

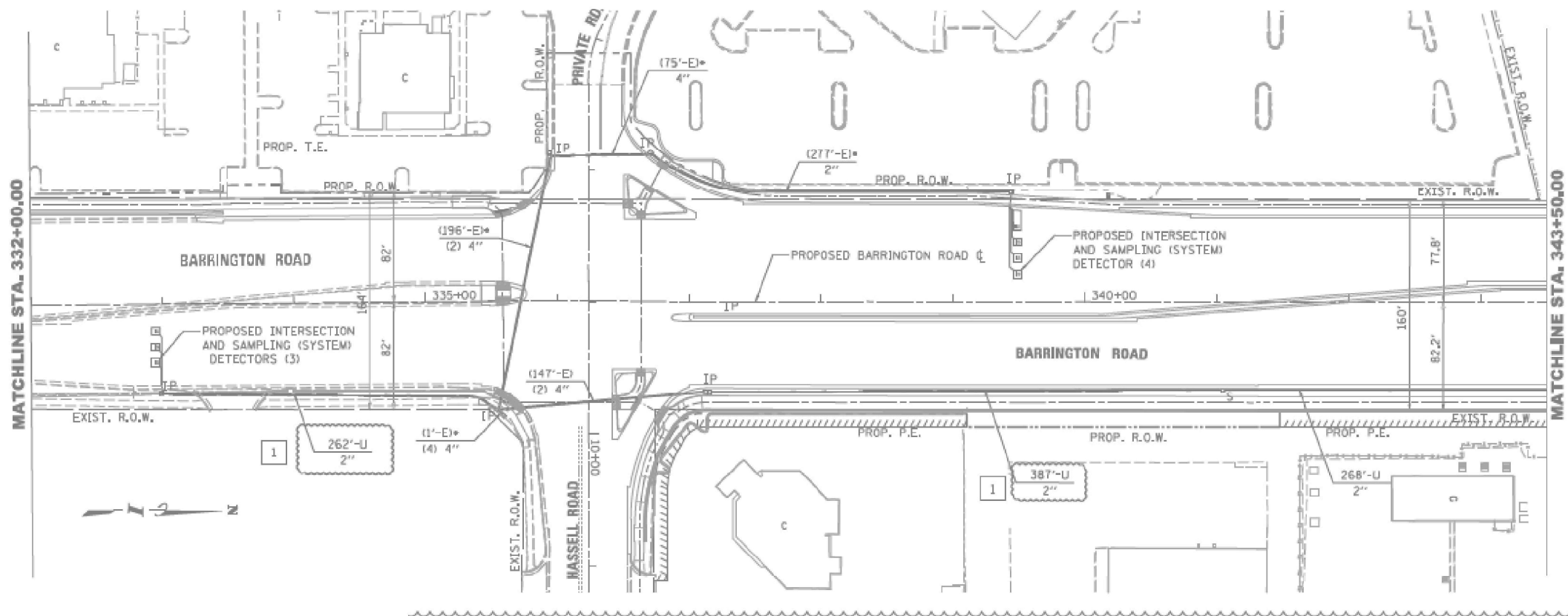
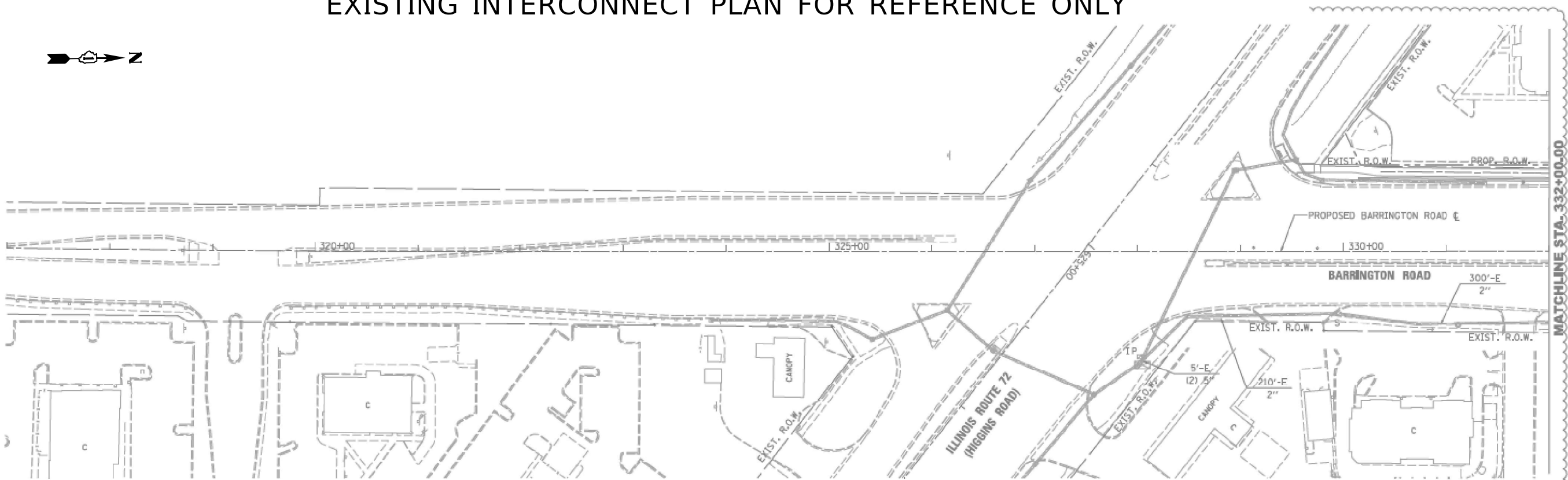
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT PLAN
IL 72 (HIGGINS ROAD) MARTINGALE RD.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	183
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



IDOT CENTRACS
FORMER ECON 73

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
BARRINGTON RD. AT HASSELL RD.

SCALE: SHEET OF SHEETS STA. TO STA.

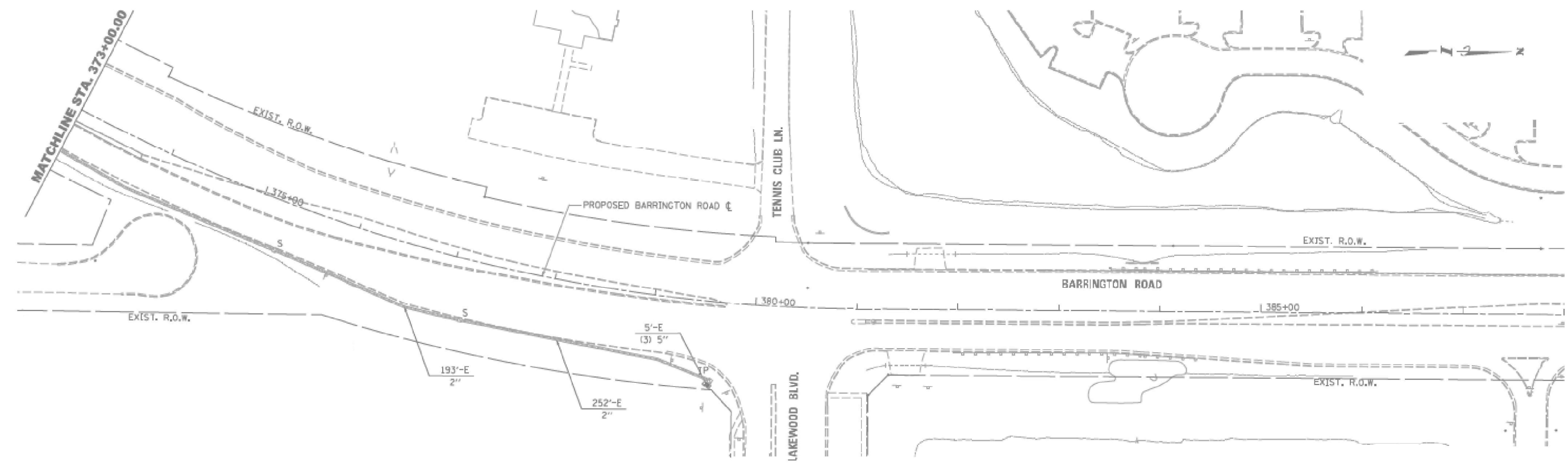
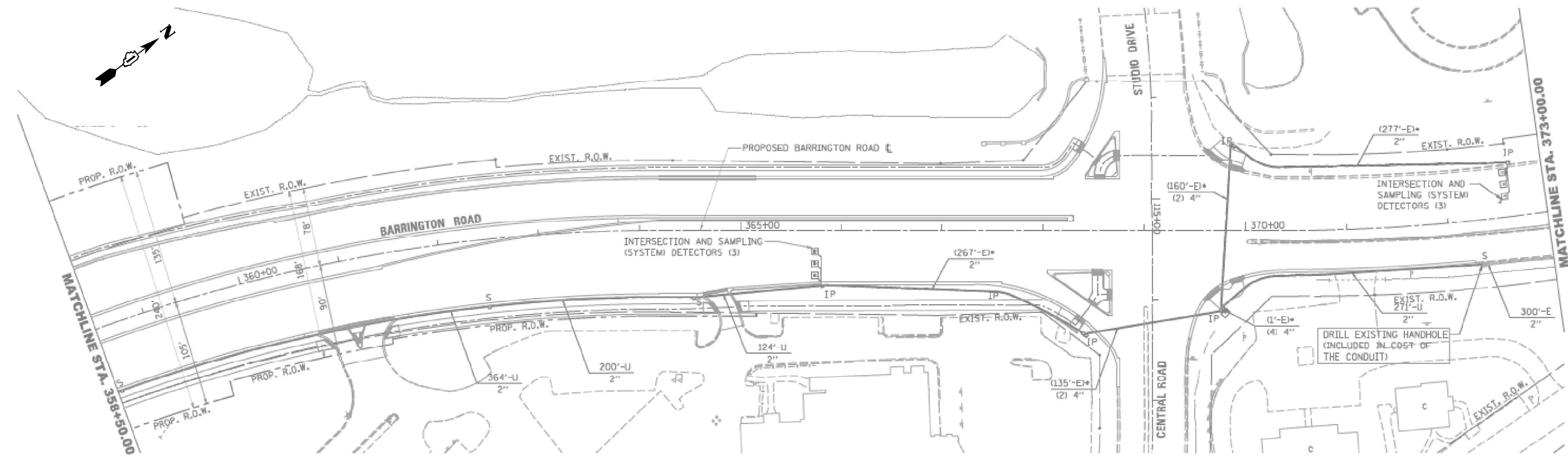
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	184
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	185
		CONTRACT NO. 62R81		
		ILLINOIS	FED. AID PROJECT	

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



IDOT CENTRACS
FORMER ECON 73

MODEL: Default
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USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

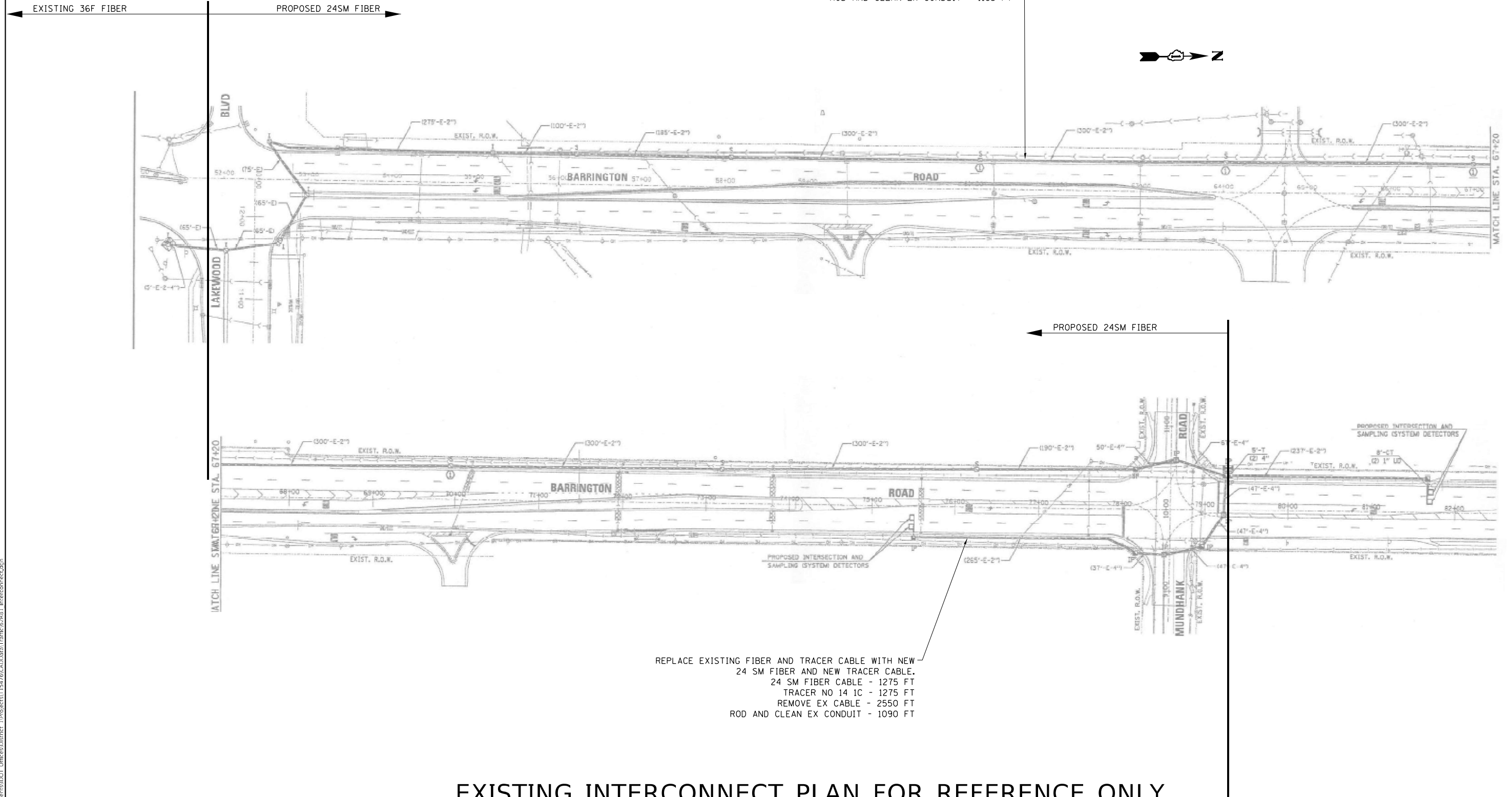
EXISTING INTERCONNECT PLAN BARRINGTON RD. AT CENTRAL RD.			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	186
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				


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REPLACE EXISTING FIBER AND TRACER CABLE WITH NEW
  24 SM FIBER AND NEW TRACER CABLE.
    24 SM FIBER CABLE - 1835 FT
      TRACER NO 14 1C - 1835 FT
        REMOVE EX CABLE - 3670 FT
  ROD AND CLEAN EX CONDUIT - 1185 FT

```



EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY

**IDOT CENTRACS
FORMER ECON 73**

USER NAME = Kamil,Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE = 06/30/2022	REVISED -

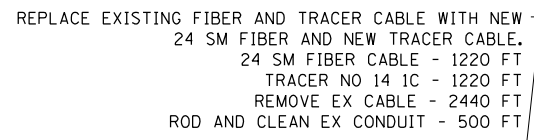
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**EXISTING INTERCONNECT PLAN
BARRINGTON RD. AT MUNDHANK RD.**

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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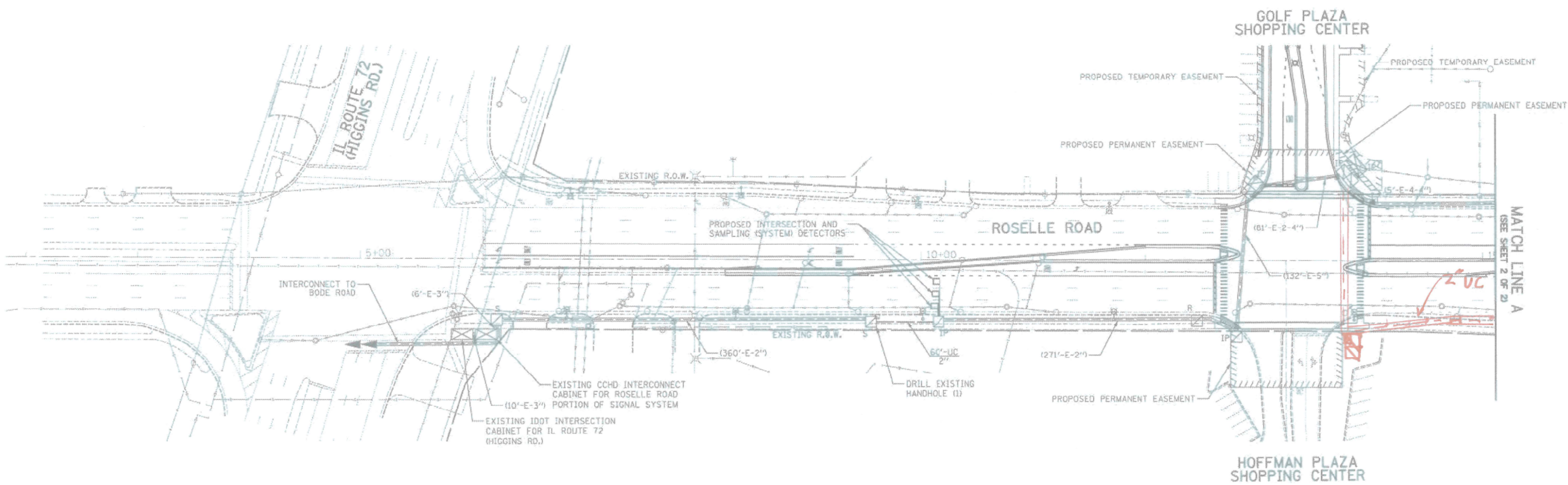
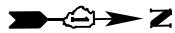
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	187
		CONTRACT NO. 62R81		
		ILLINOIS FED. AID PROJECT		

MODEL: Default
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	188
		CONTRACT NO. 62R81		
		ILLINOIS	FED. AID PROJECT	

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



IDOT CENTRACS
FORMER ECON 81

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
ROSELLE RD. AT IL 72 AT GOLF PLAZA SHOPPING CENTER

SCALE: SHEET OF SHEETS STA. TO STA.

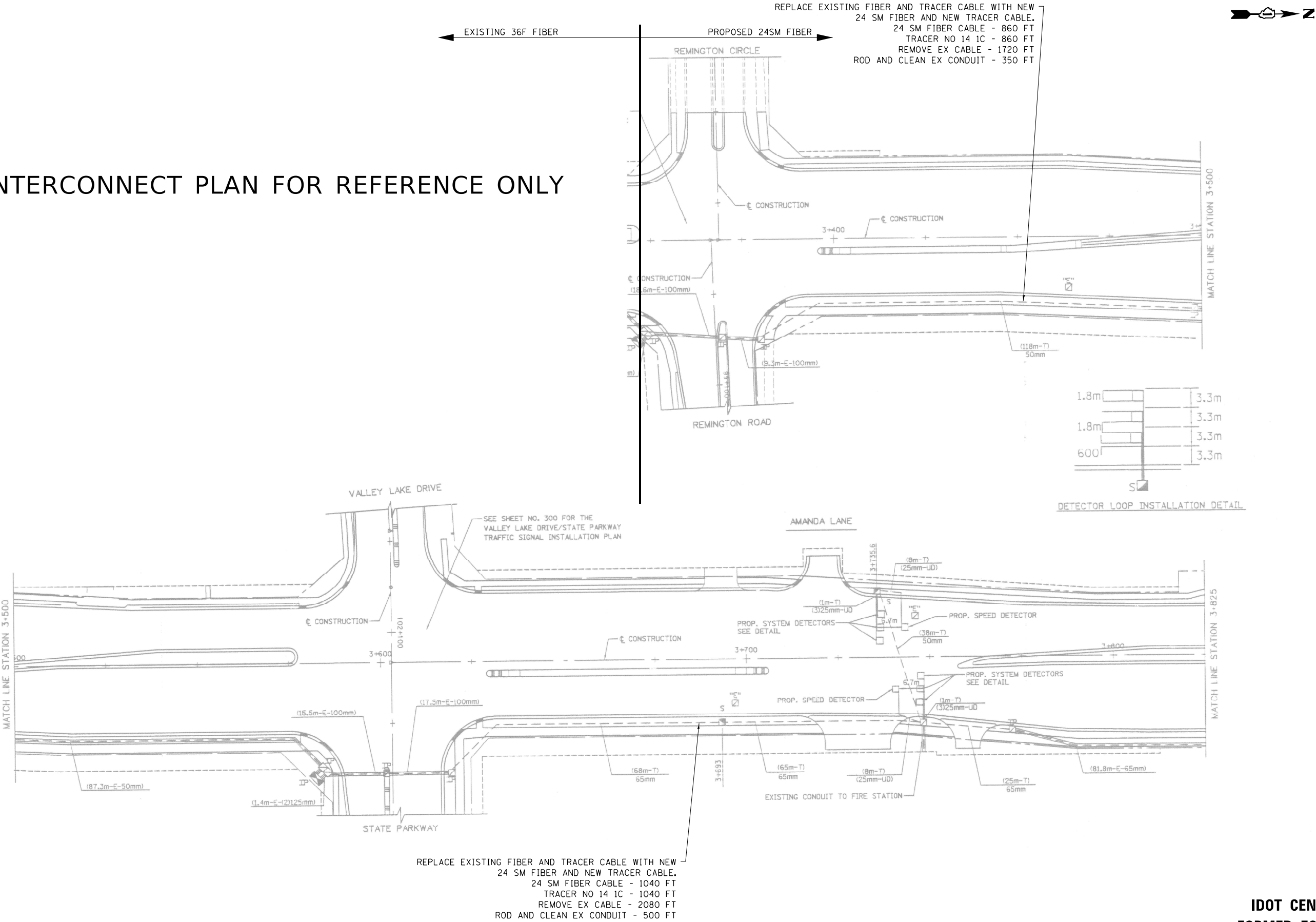
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	189
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	190
		CONTRACT NO. 62R81		
ILLINOIS		FED. AID PROJECT		

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



IDOT CENTRACS
FORMER ECON 81

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

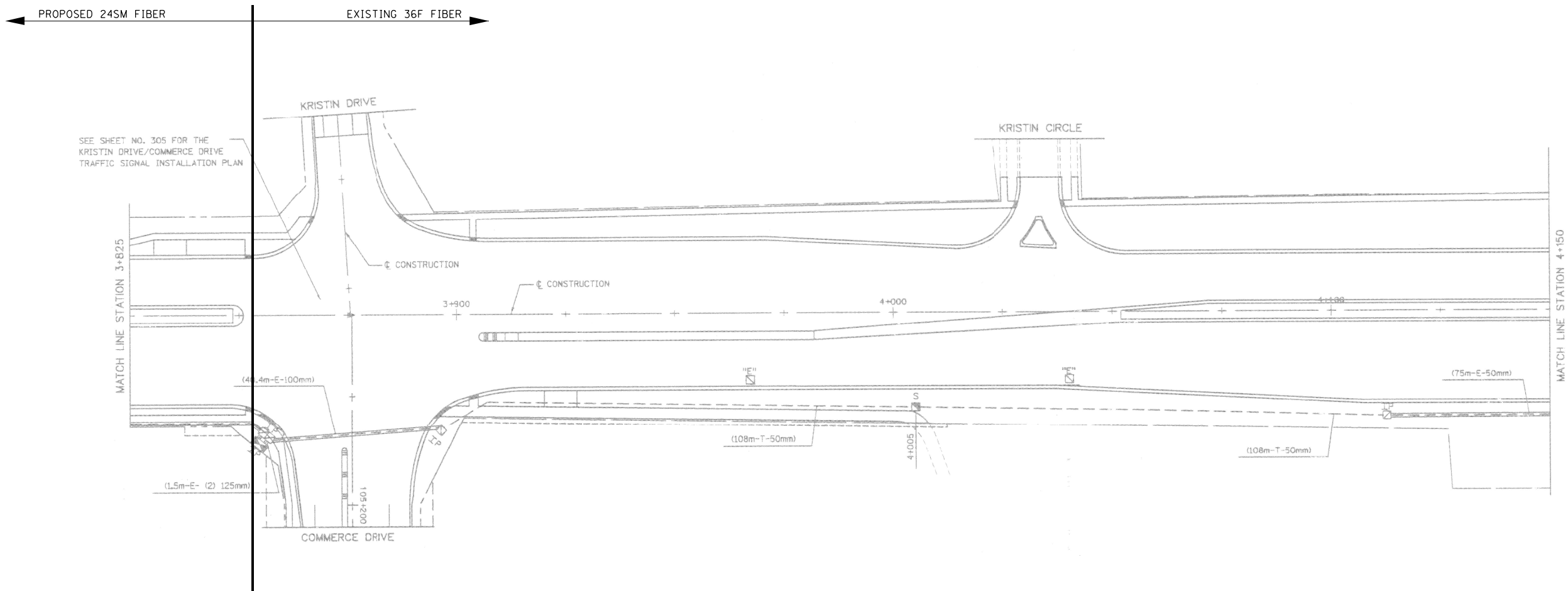
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
ROSELLE RD. AT VALLEY LAKE DR.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	191
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY



IDOT CENTRACS
FORMER ECON 81

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
	DRAWN - GM	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

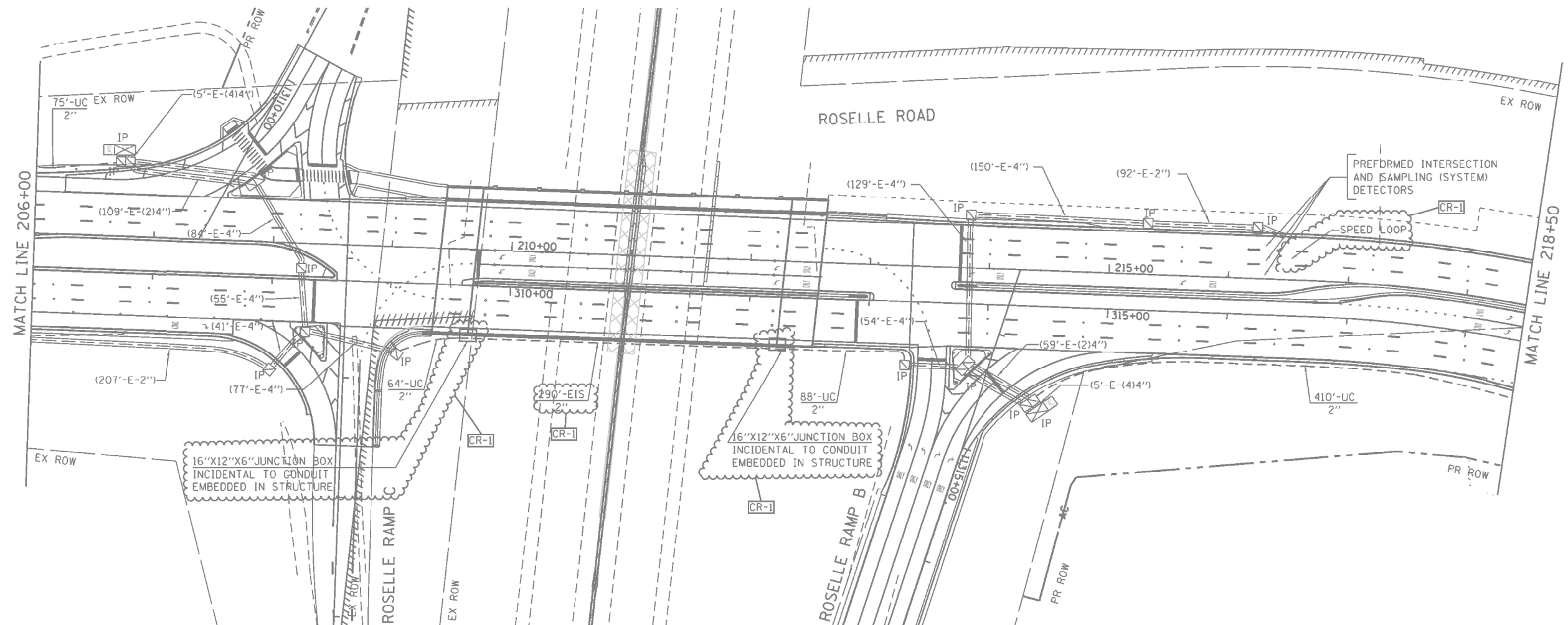
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
ROSELLE RD. AT KRISTN DR.

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	192
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	193
		CONTRACT NO. 62R81		
ILLINOIS		FED. AID PROJECT		

USER NAME = Kamil,Kobyłka	DESIGNED = KK	REVISED = KK - 08-12-2022
	DRAWN = GM	REVISED =
PLOT SCALE = 100,0000 ' / in.	CHECKED = DD	REVISED =
PLOT DATE = 8/15/2022	DATE = 06/30/2022	REVISED =

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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ILLINOIS	FED. AID PROJECT
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	194
		CONTRACT NO. 62R81		
		ILLINOIS FED. AID PROJECT		

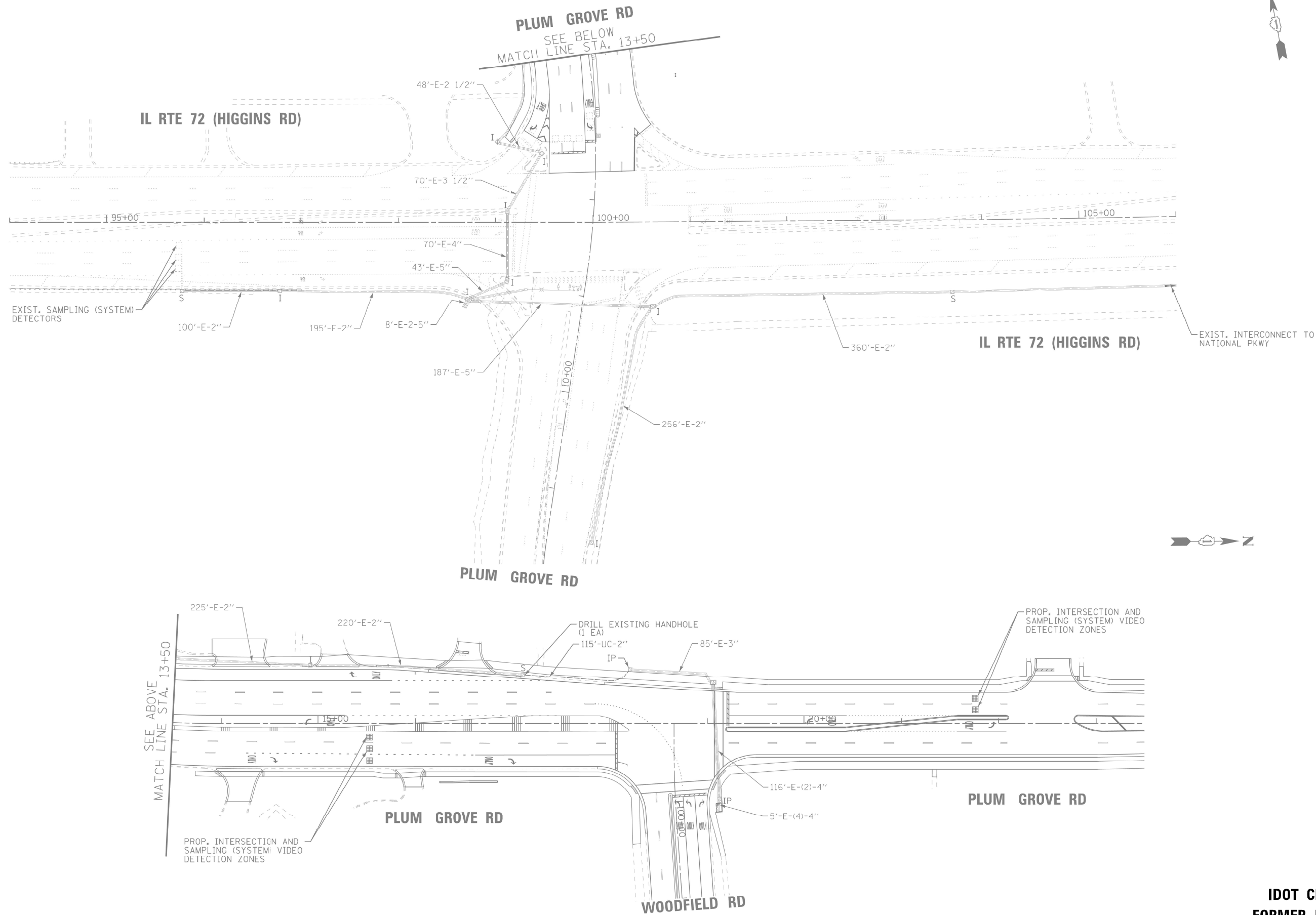
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	195
		CONTRACT NO. 62R81		
ILLINOIS		FED. AID PROJECT		

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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"INTERCONNECT PLAN FOR REFERENCE ONLY"



IDOT CENTRACS
FORMER ECON 84

USER NAME = Kamil.Kobylka	DESIGNED - KK	REVISED - KK - 08-12-2022
DRAWN - GM	REVISED -	
PLOT SCALE = 100,0000 ' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

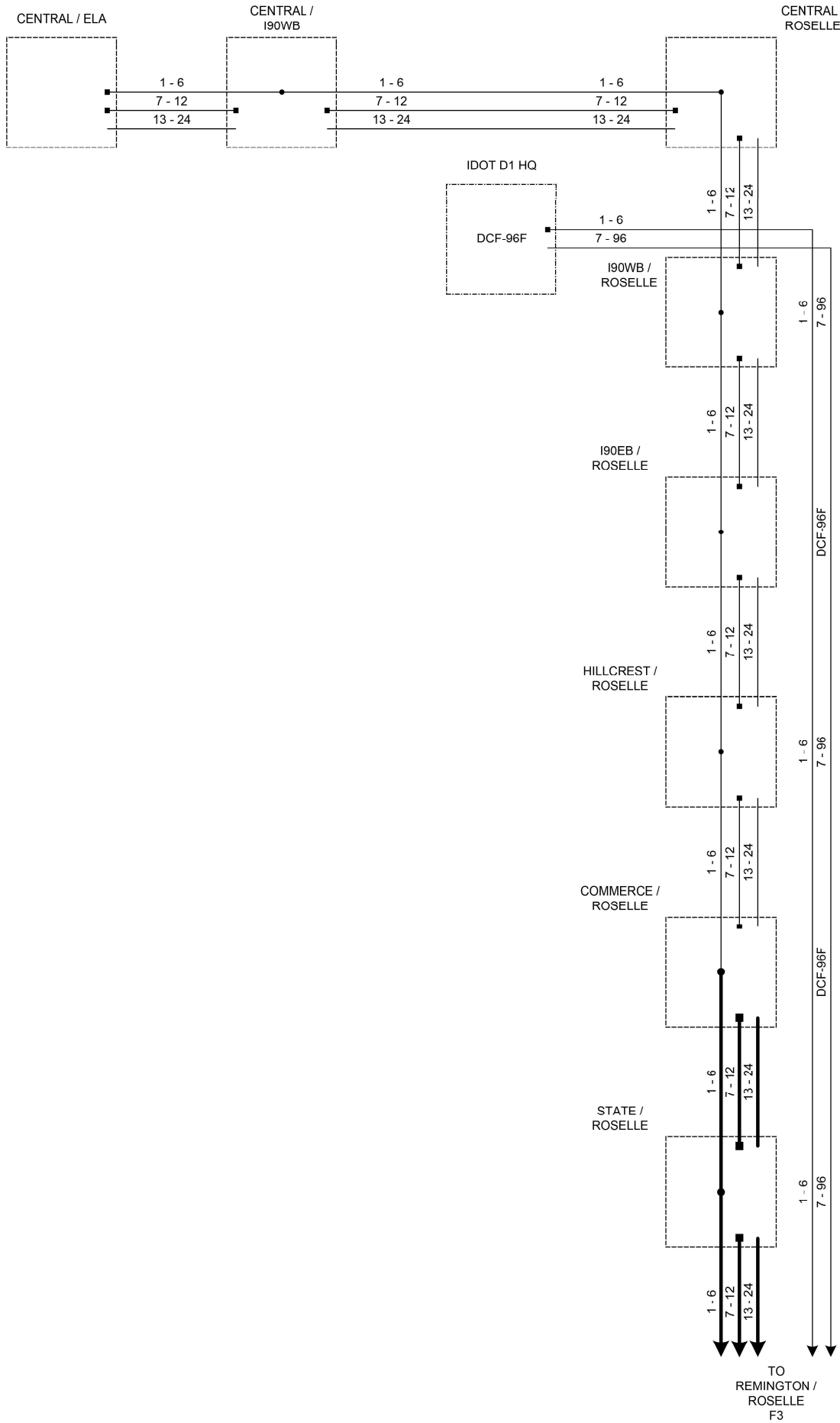
PROPOSED INTERCONNECT PLAN
PLUM GROVE RD AT WOODFIELD RD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	196
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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- EXISTING CONNECTOR / EXISTING FIBER
- NEW CONNECTOR / EXISTING FIBER
- EXISTING FUSION SPLICE / EXISTING FIBER
- NEW FUSION SPLICE / EXISTING FIBER
- NEW CONNECTOR / NEW FIBER
- NEW FUSION SPLICE / NEW FIBER



MODEL: Default
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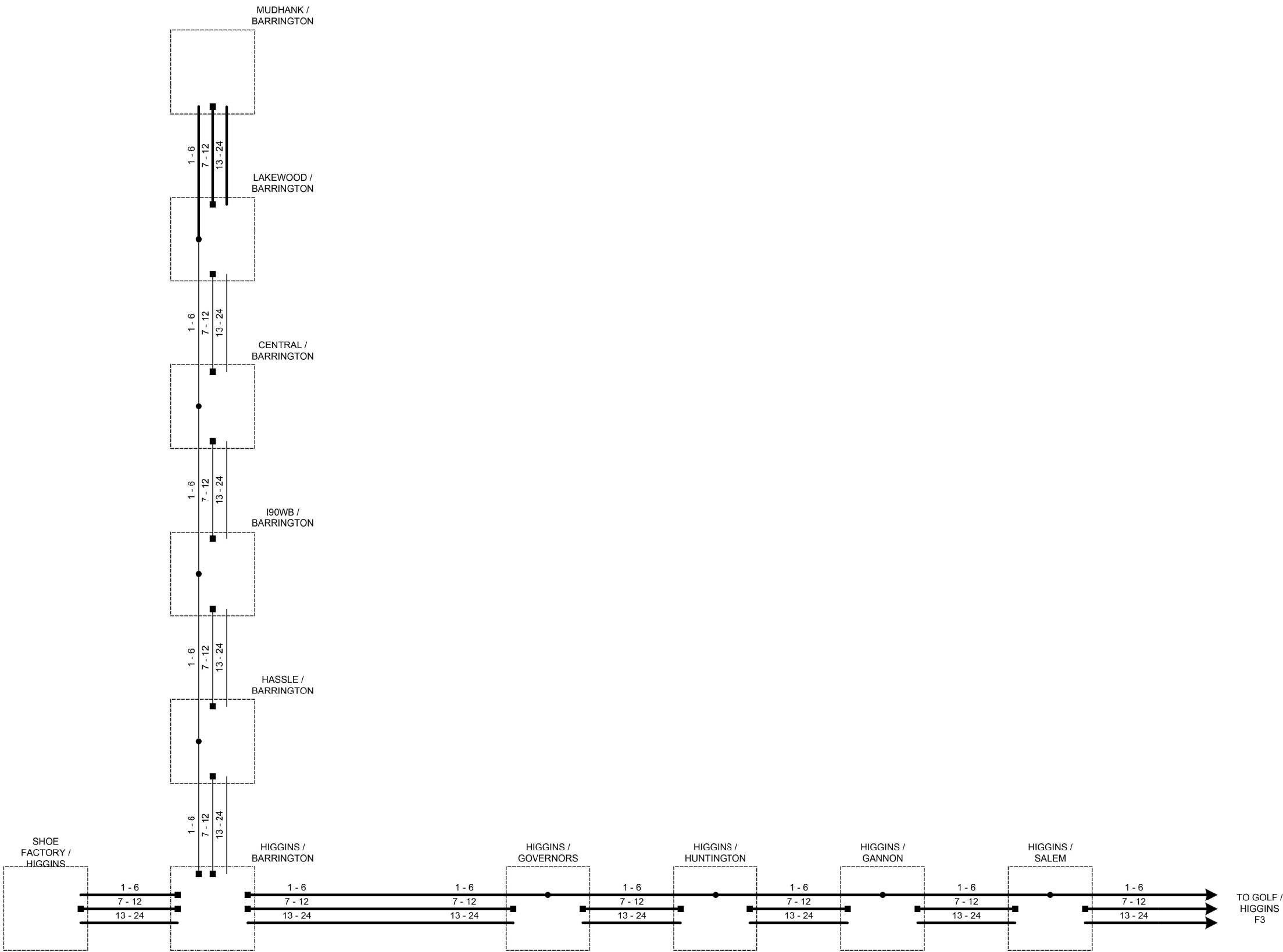
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	DRAWN - DG	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - KK	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER SPLICING DIAGRAM SHEET (1 OF 4) CENTRAL ROAD AND ROSELLE ROAD			
SCALE:	SHEET	OF	SHEETS
STA.		TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	197
CONTRACT NO. 62R81				
		ILLINOIS	FED. AID PROJECT	

- EXISTING CONNECTOR / EXISTING FIBER
- NEW CONNECTOR / EXISTING FIBER
- EXISTING FUSION SPLICE / EXISTING FIBER
- NEW FUSION SPLICE / EXISTING FIBER
- NEW CONNECTOR / NEW FIBER
- NEW FUSION SPLICE / NEW FIBER



MODEL: Default
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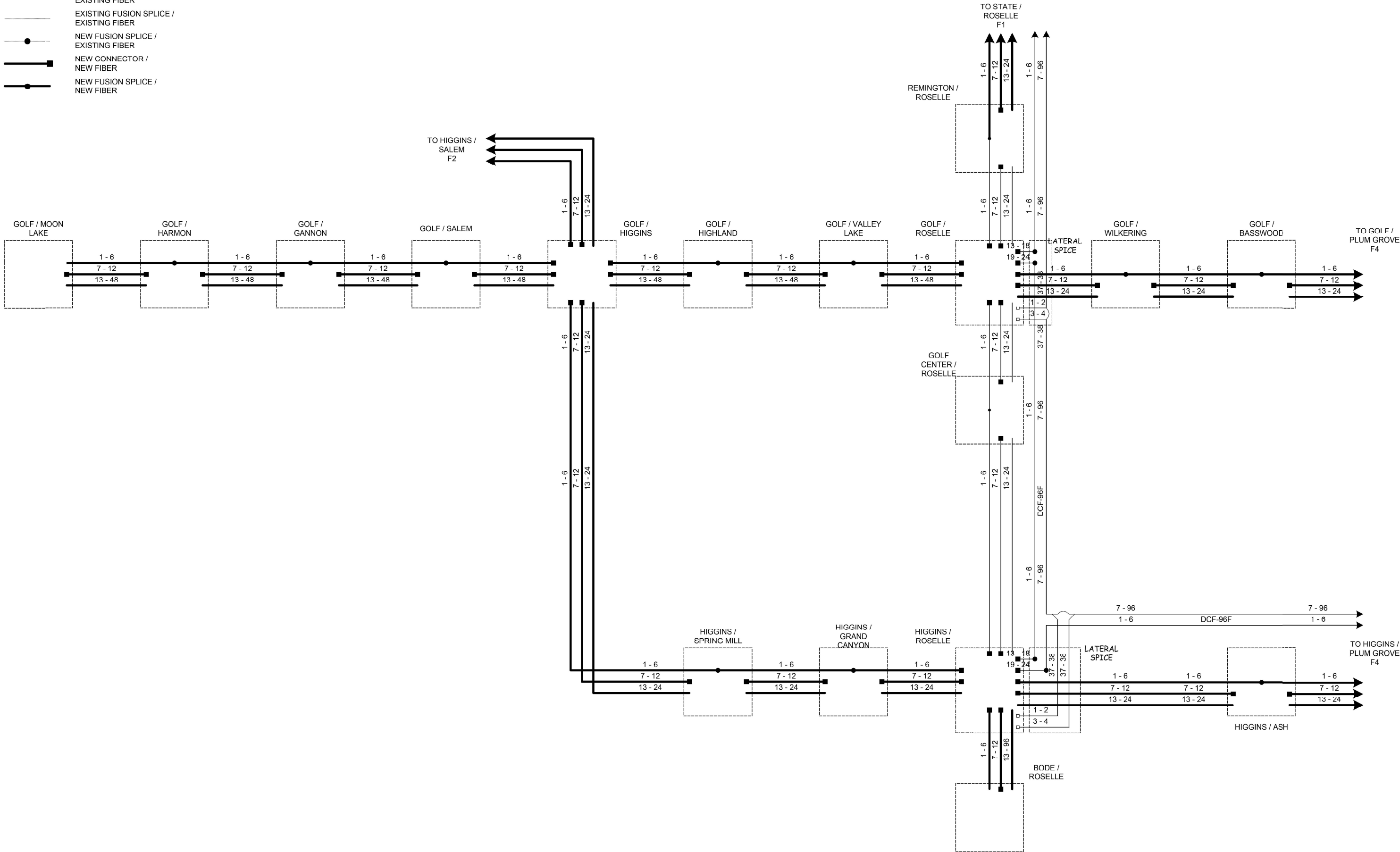
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	DRAWN - DG	REVISED -
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PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER SPLICING DIAGRAM SHEET (2 OF 4) HIGGINS ROAD AND BARRINGTON ROAD			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	198
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

- EXISTING CONNECTOR / EXISTING FIBER
- NEW CONNECTOR / EXISTING FIBER
- EXISTING FUSION SPLICE / EXISTING FIBER
- NEW FUSION SPLICE / EXISTING FIBER
- NEW CONNECTOR / NEW FIBER
- NEW FUSION SPLICE / NEW FIBER



MODEL: Default
FILE: Kamil.Kobylika\p\DOT\Documents\DOT Office\Dir\rd\T15476(CADData)\Traffic\T15476-sent-2.dgn

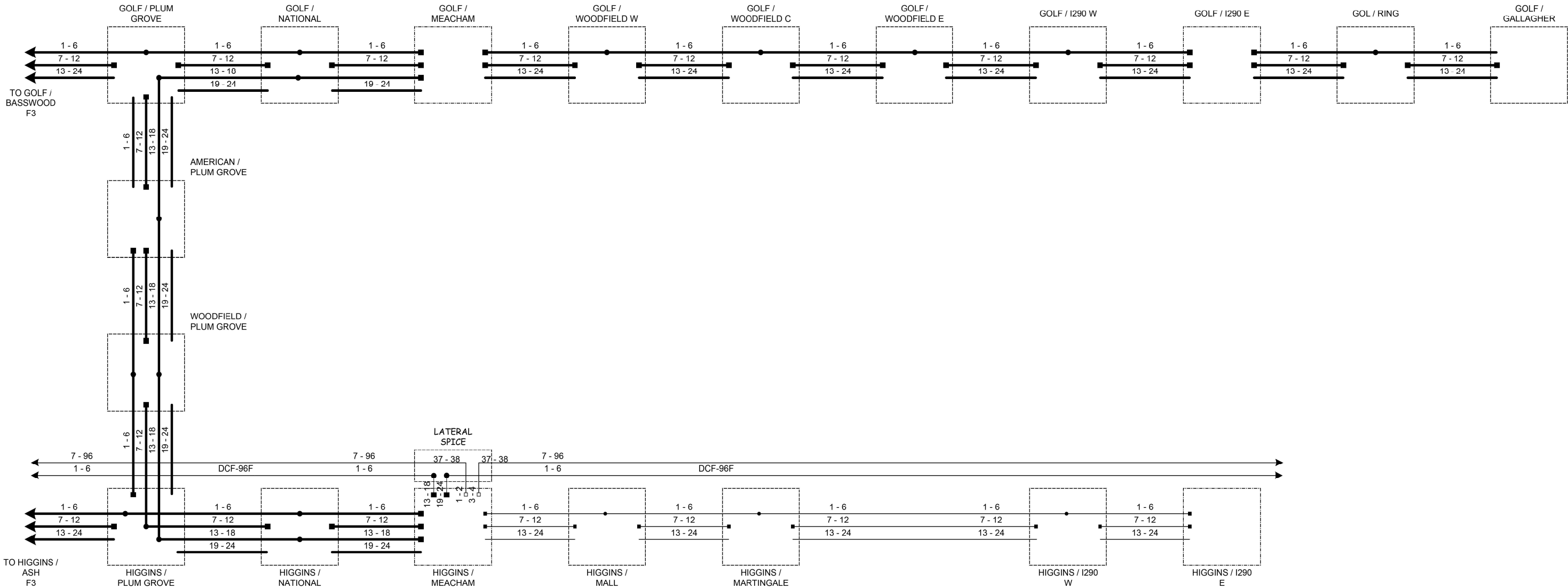
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PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER SPLICING DIAGRAM SHEET (3 OF 4) ROSELLE RD AT GOLF RD AT HIGGINS RD			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	199
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				

- EXISTING CONNECTOR / EXISTING FIBER
- NEW CONNECTOR / EXISTING FIBER
- EXISTING FUSION SPLICE / EXISTING FIBER
- NEW FUSION SPLICE / EXISTING FIBER
- NEW CONNECTOR / NEW FIBER
- NEW FUSION SPLICE / NEW FIBER



MODEL: Default
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USER NAME = Kamil.Kobylka	DESIGNED - DG	REVISED - KK - 08-12-2022
	DRAWN - DG	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED - KK	REVISED -
PLOT DATE = 8/15/2022	DATE - 06/30/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER SPlicing DIAGRAM SHEET (4 OF 4) GOLD RD AND HIGGINS RD AT I-290			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2022 TRAFFIC 01	COOK	241	200
CONTRACT NO. 62R81				
ILLINOIS FED. AID PROJECT				