

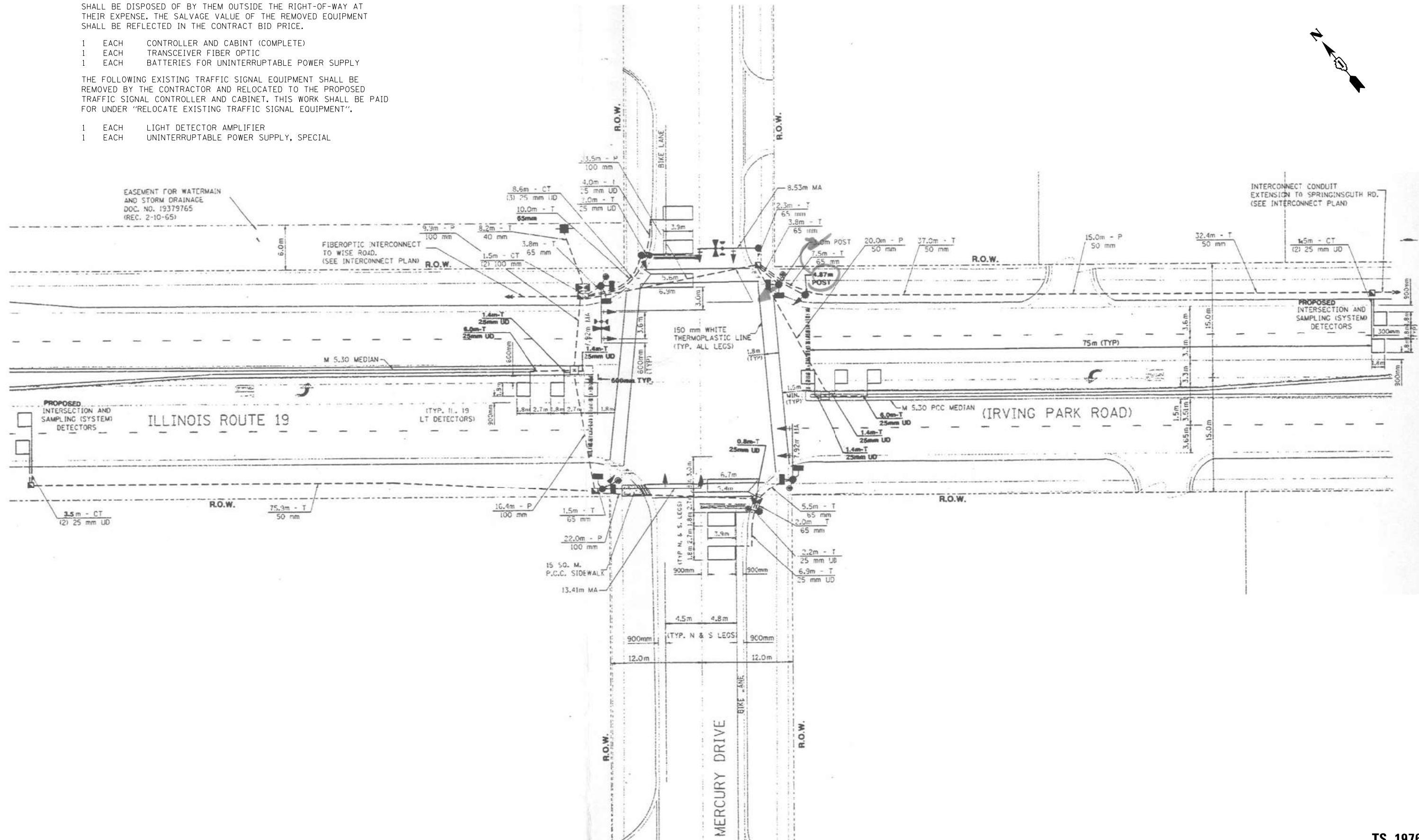
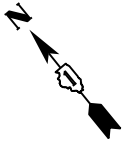
REMOVAL AND RELOCATION NOTES:

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 AND CABINET (COMPLETE)
- 1 EACH TRANSCEIVER FIBER OPTIC
- 1 EACH BATTERIES FOR UNINTERRUPTABLE POWER SUPPLY

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND RELOCATED TO THE PROPOSED TRAFFIC SIGNAL CONTROLLER AND CABINET. THIS WORK SHALL BE PAID FOR UNDER "RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT".

- 1 EACH LIGHT DETECTOR AMPLIFIER
- 1 EACH UNINTERRUPTABLE POWER SUPPLY, SPECIAL



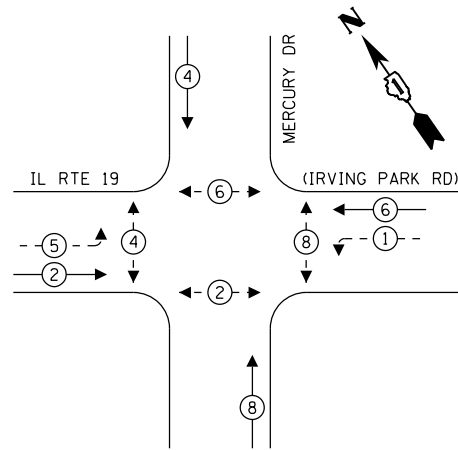
"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

**TS 1976
IDOT CENTRACS
FORMER ECON 158**

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-502-1001.CM40 Contracts Phase 2\CADD\Sheets\184_IL_Rte 19 at Mercury Dr_INT.dgn

<p>GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 5035 N. NORTHWEST HIGHWAY SUITE 205 CHICAGO, ILLINOIS 60630 TEL: (773) 774-590</p>	USER NAME = \$USER\$	DESIGNED - EA	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">LOCATION #77 IL RTE 19 (IRVING PARK RD) AT MERCURY DR INTERSECTION PLAN</p>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED - MS	REVISED -					VAR	2023 TRAFFIC 02	VARIOUS	306	201
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -		SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT CONTRACT NO. 62T54			

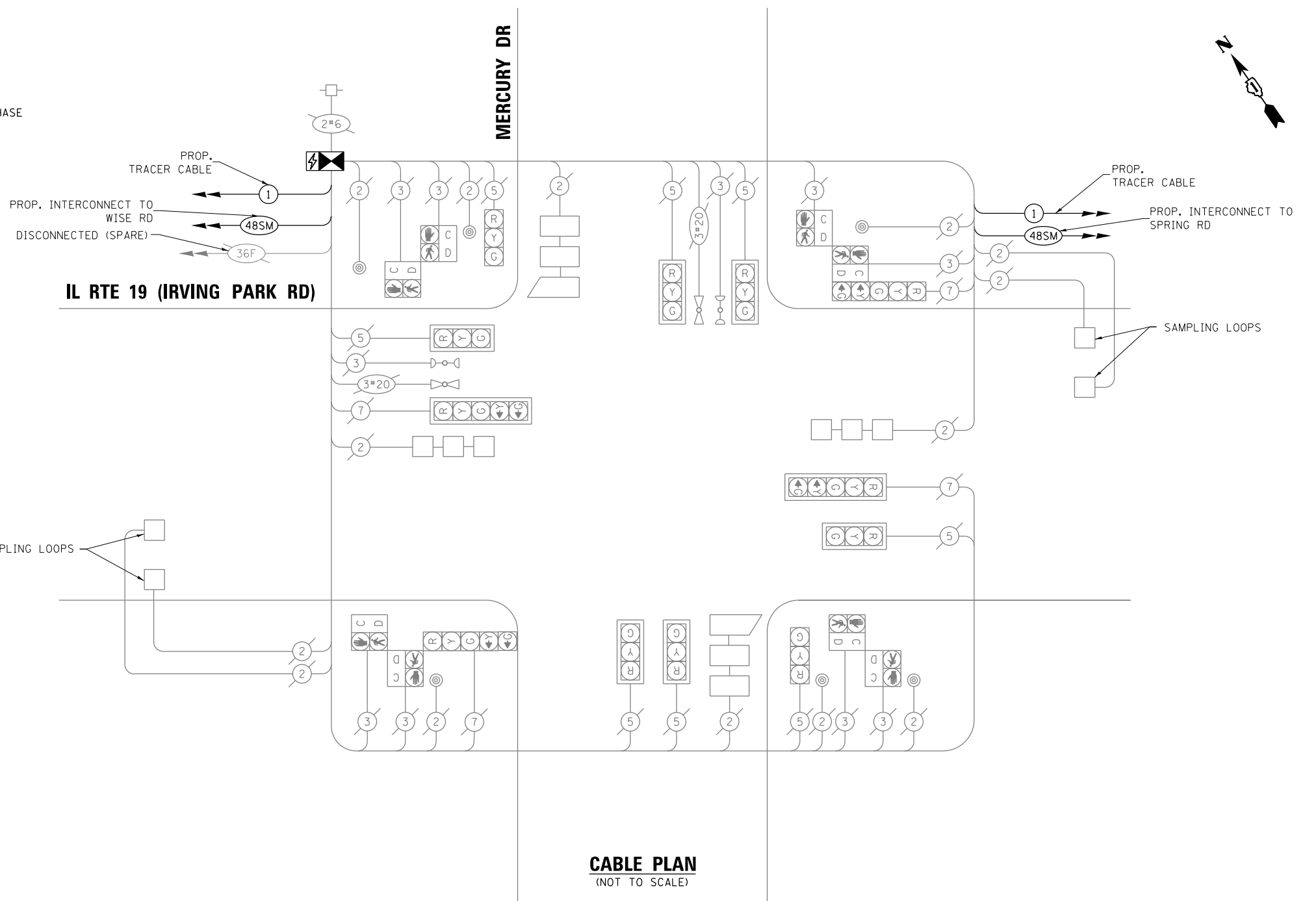
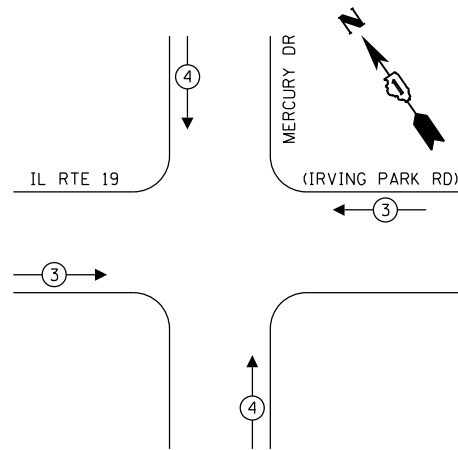
EXISTING CONTROLLER SEQUENCE



LEGEND:

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

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
INDUCTIVE LOOP DETECTOR	EACH	8
RELOCATE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
SPLICE FIBER IN CABINET	EACH	6
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
REMOVE AND REPLACE BATTERIES FOR UNINTERRUPTABLE POWER SUPPLY	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

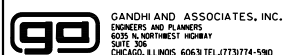
LOCATION #77
IL RTE 19 (IRVING PARK RD) AT MERCURY DR CABLE PLAN

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 TRAFFIC 02	VARIOUS	306	202
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

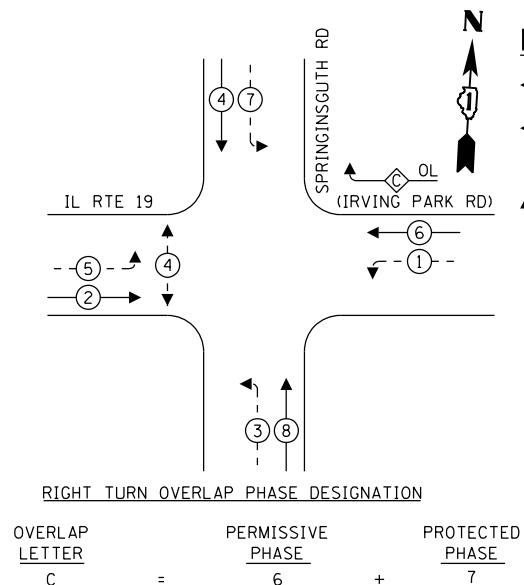
TS 1976
IDOT CENTRACS
FORMER ECON 158

FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-502-1001.CM40 Contracts Phase 2\CADD_Sheets\185_IL_Rte_19_at_Mercury_Dr_CD.dgn

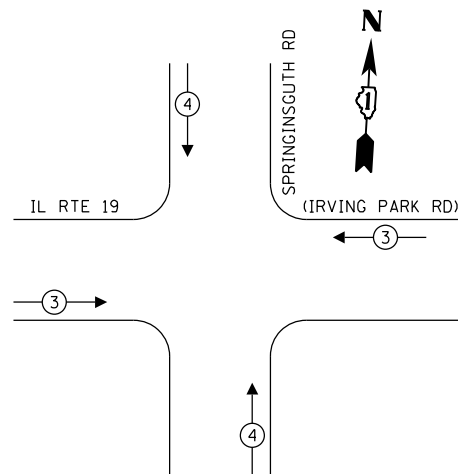


USER NAME = \$USER*	DESIGNED - EA	REVISED - 12-2-2022
DRAWN - EA, AV	CHECKED - MS	REVISED -
PLOT SCALE = 40.0000' / 1"	DATE - 10/31/2022	REVISED -
PLOT DATE = \$DATE*		

EXISTING CONTROLLER SEQUENCE



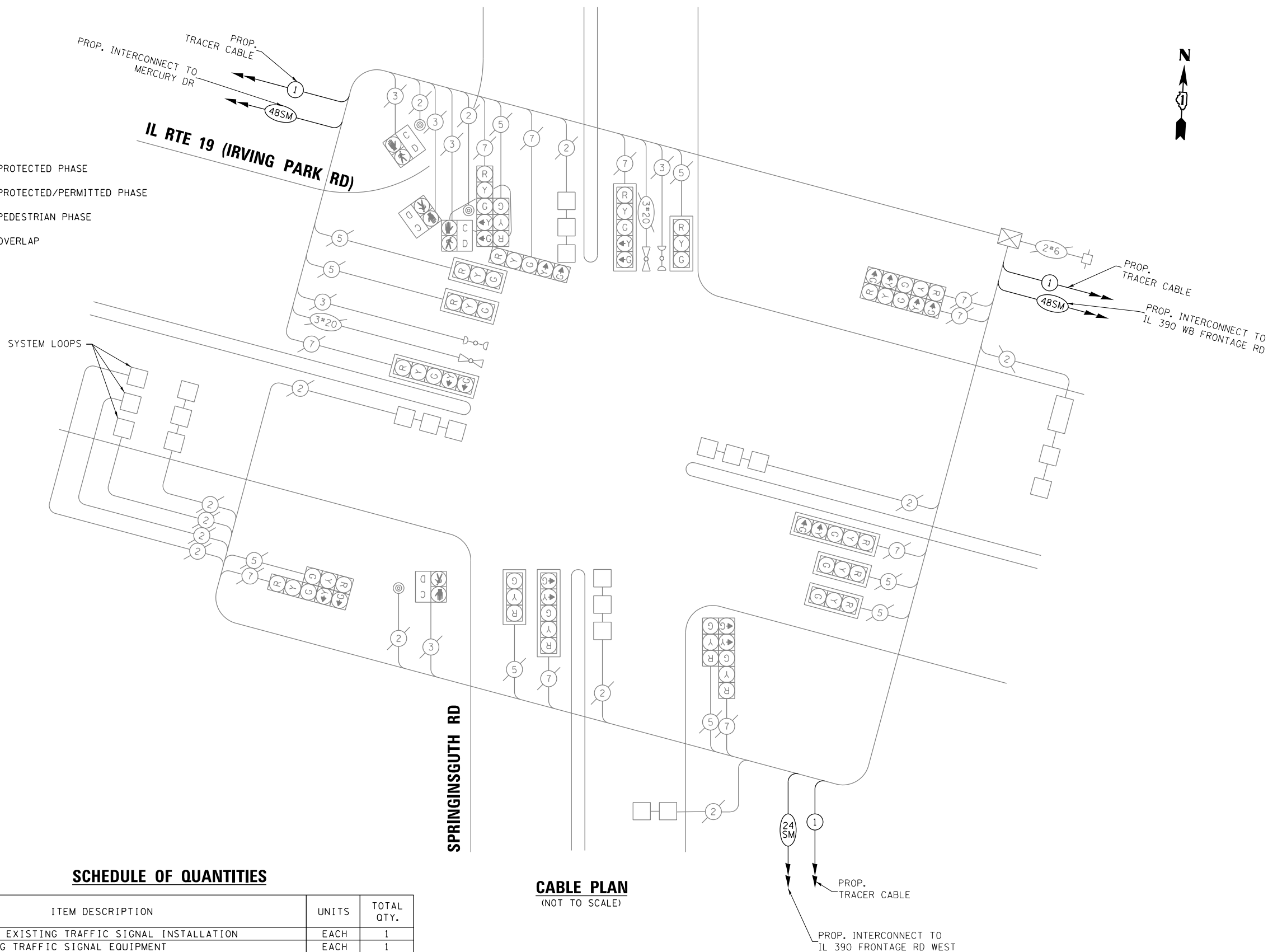
EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



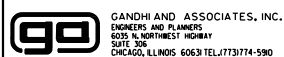
SCHEDULE OF QUANTITIES

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	36
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
REMOVE AND REPLACE BATTERIES FOR UNINTERRUPTABLE POWER SUPPLY	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1

CABLE PLAN
(NOT TO SCALE)



FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-502-1001.CM00 Contracts Phase 2\CADD_Sheets\187_IL_Rte_19_at_Spring_Rd_CD.dgn



USER NAME = \$USER*	DESIGNED - EA	REVISED - 12-2-2022
PLOT SCALE = 40.0000' / in.	DRAWN - EA, AV	REVISED -
PLOT DATE = \$DATE*	CHECKED - MS	REVISED -
	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #78
IL RTE 19 (IRVING PARK RD) AT SPRING RD CABLE PLAN

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

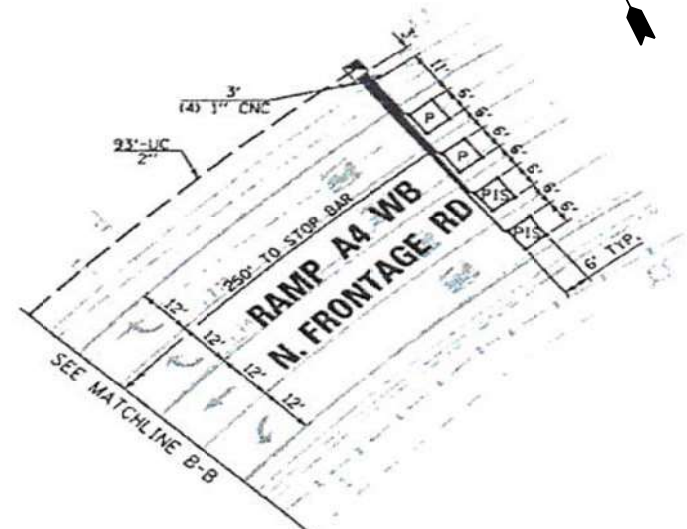
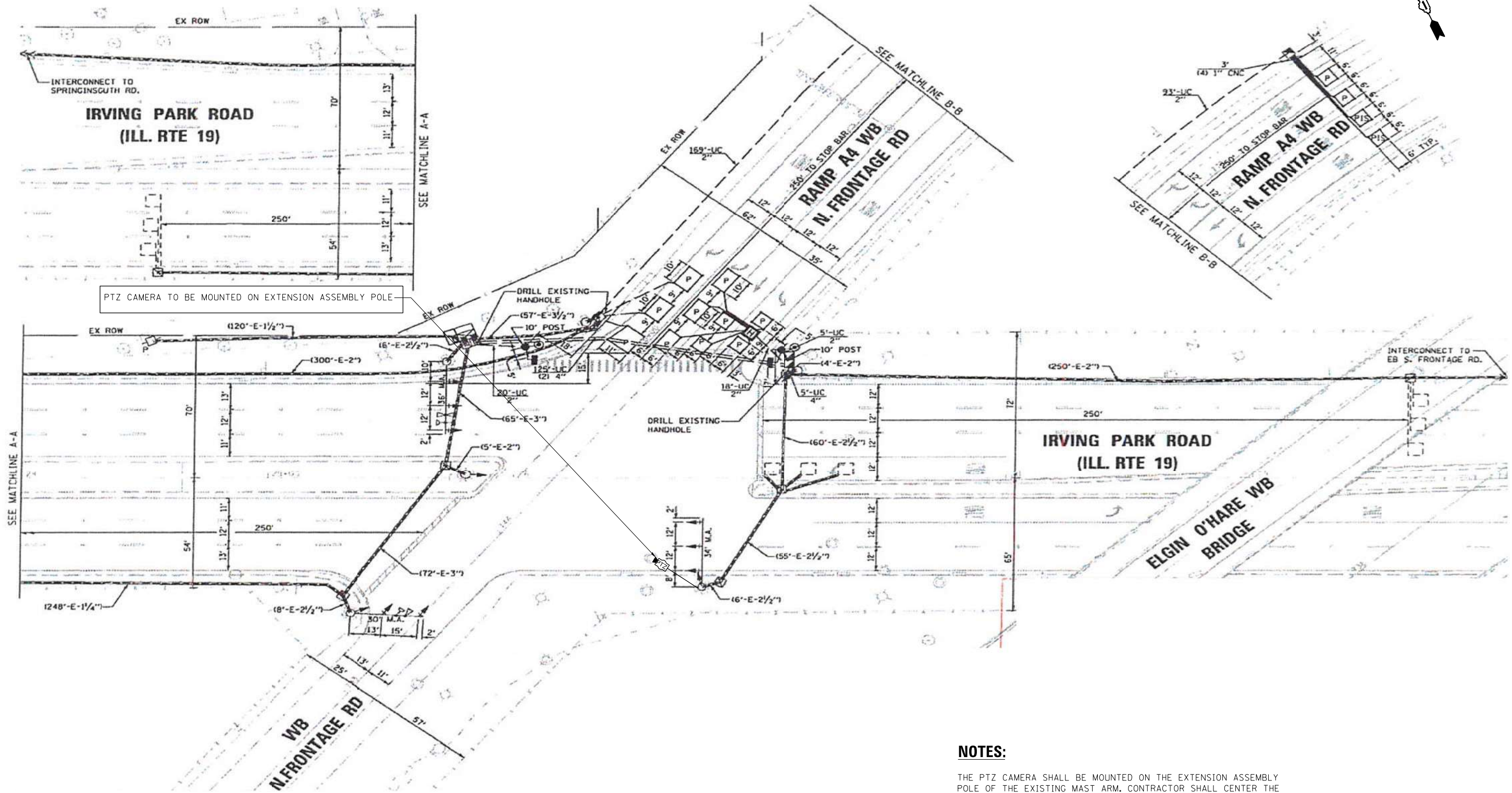
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 TRAFFIC 02	VARIOUS	306	204
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	

TS 1965
IDOT CENTRACS
FORMER ECON 89

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
- 1 EACH BATTERIES FOR UNINTERRUPTABLE POWER SUPPLY



NOTES:

THE PTZ CAMERA SHALL BE MOUNTED ON THE EXTENSION ASSEMBLY POLE OF THE 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.

"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TS 21710
IDOT CENTRACS
FORMER ECON 89

K:\PROJECTS\Projects 2022\22-ESR-502-IDD1.CM40 Contracts Phase 2\CADD_Sheets\188_IL_Rte 19 at IL 390 Frontage Rd West_INT.dgn

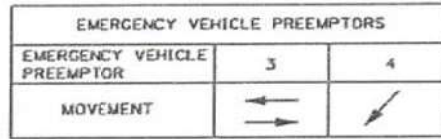
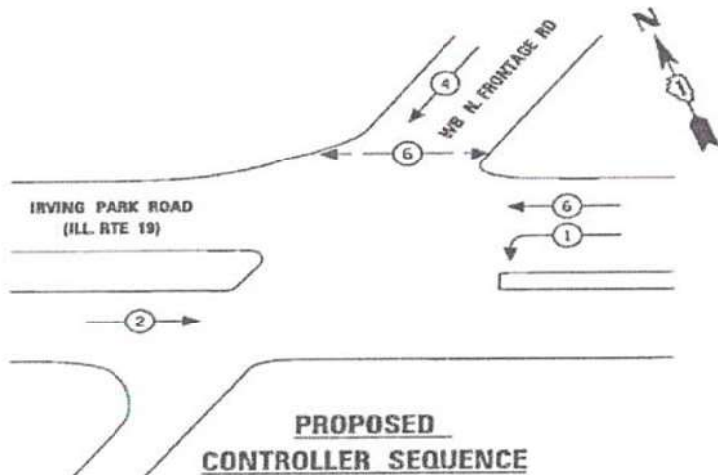
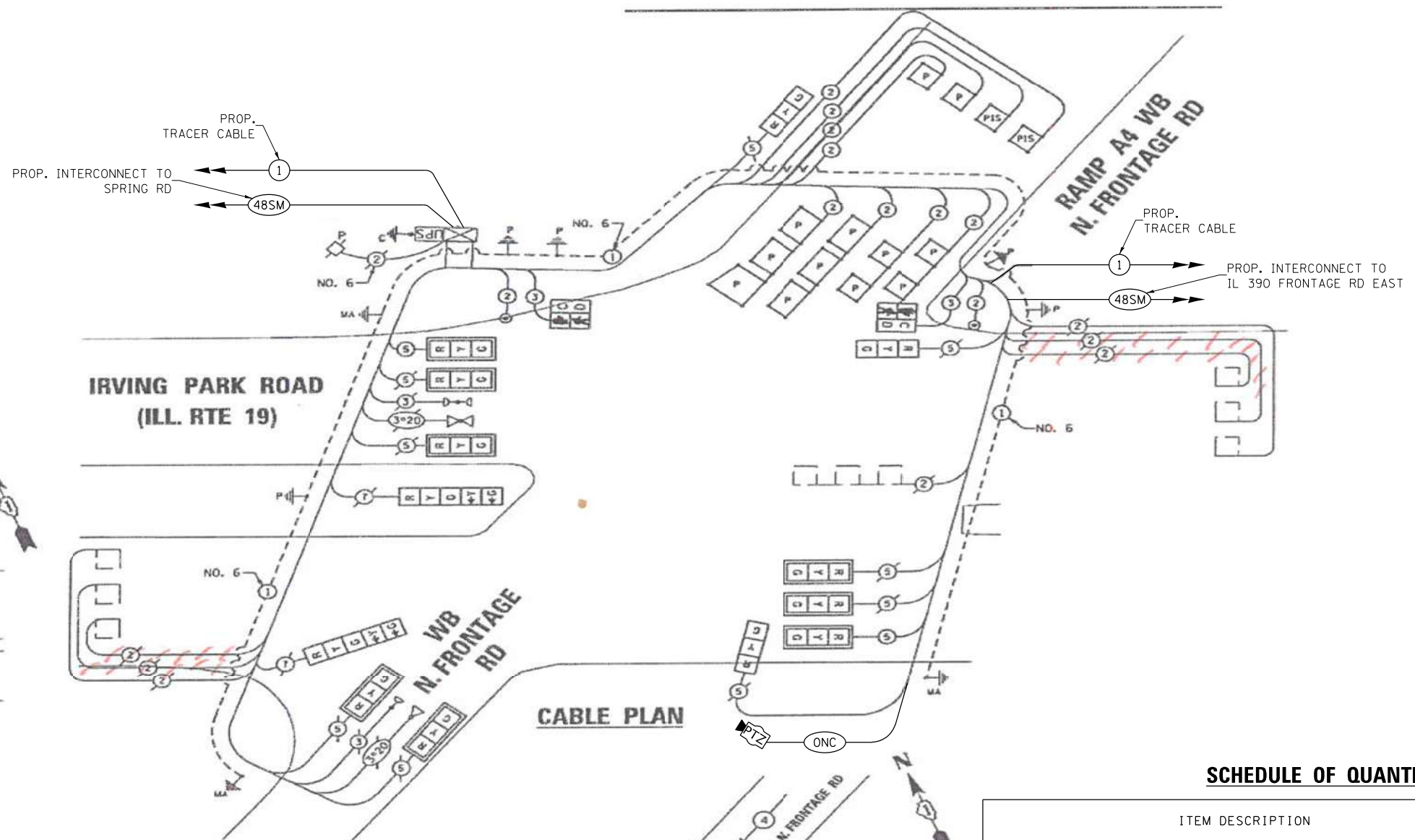


USER NAME = \$USER\$	DESIGNED - EA	REVISED -
DRAWN - EA, AV	CHECKED - MS	REVISED -
PLOT SCALE = 40.0000' / in.	DATE - 10/31/2022	REVISED -
PLOT DATE = \$DATE\$		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #79
IL RTE 19 AT IL 390 FRONTAGE RD WEST INTERSECTION PLAN
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 TRAFFIC 02	VARIOUS	306	205
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 62T54	



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	342
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
SPLICE FIBER IN CABINET	EACH	6
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
CAMERA MOUNTING ASSEMBLY	EACH	1
POWER OVER ETHERNET EXTENDER	EACH	1
REMOVE AND REPLACE BATTERIES FOR UNINTERRUPTABLE POWER SUPPLY	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE (INCAND.)	LED	%OPERATION	
SIGNAL (RED)	13	17		0.50	110.50
(YELLOW)	13	25		0.25	81.25
(GREEN)	13	15		0.25	48.75
ARROW	4	12		0.10	4.80
PED. SIGNAL	2	25		1.00	50.00
CONTROLLER	1	100		1.00	100.00
ILLUM. SIGN	-	25		0.05	-
VIDEO SYSTEM	-	150		1.00	-
FLASHER					
ENERGY COSTS TO:					TOTAL = 395.30
ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAY/DISTRICT 1 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096					
ENERGY SUPPLY CONTACT: JOHN STACHO					
PHONE: (630) 424-5704					
COMPANY: ComEd					

FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-502-101.CM00.Contracts\Phase 2\CADD\Sheets\189_IL_Rte_19_at_IL_390_Frontage_Rd_West_CD.dgn



USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
	DRAWN - EA, AV	REVISED -
PLOT SCALE = 40.0000' / 1" =	CHECKED - MS	REVISED -
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -

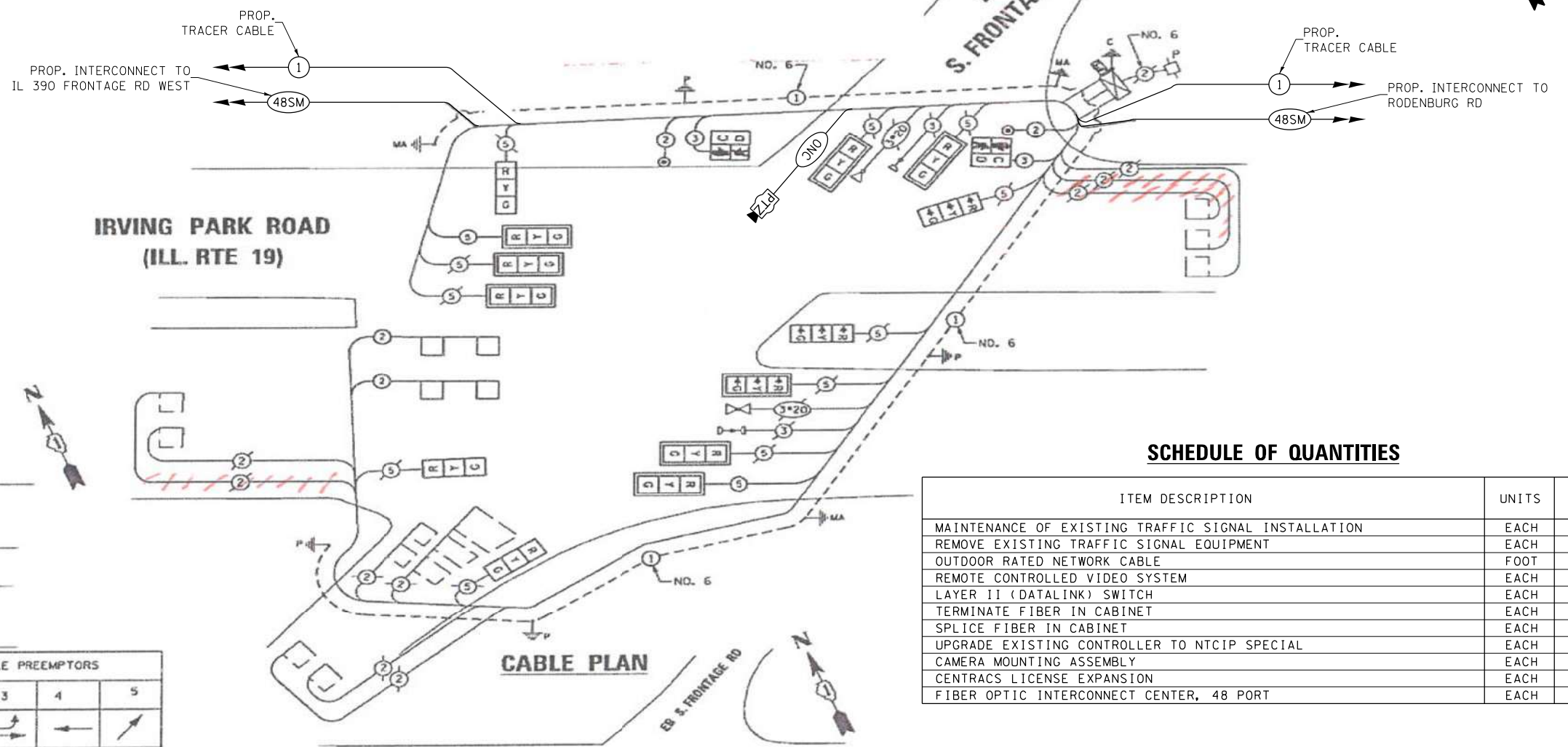
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION #79
IL RTE 19 AT IL 390 FRONTAGE RD WEST CABLE PLAN**

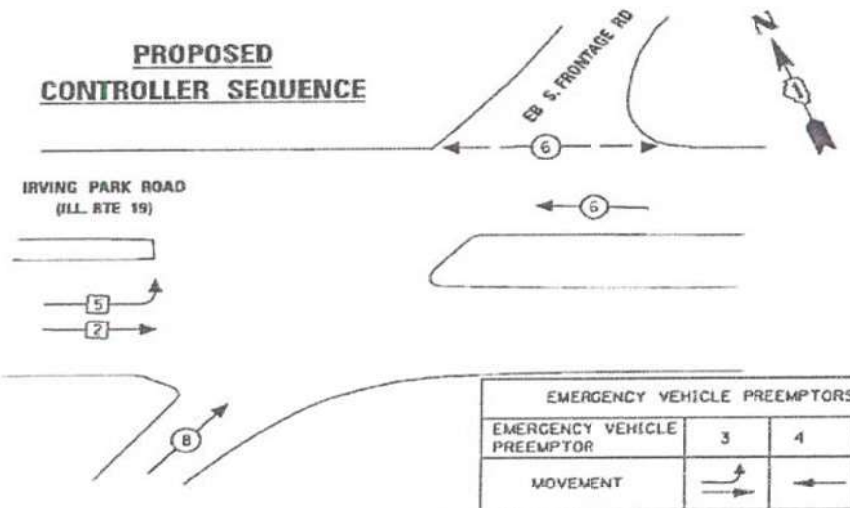
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 TRAFFIC 02	VARIOUS	306	206
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

**TS 21710
IDOT CENTRACS
FORMER ECON 89**



PROPOSED CONTROLLER SEQUENCE

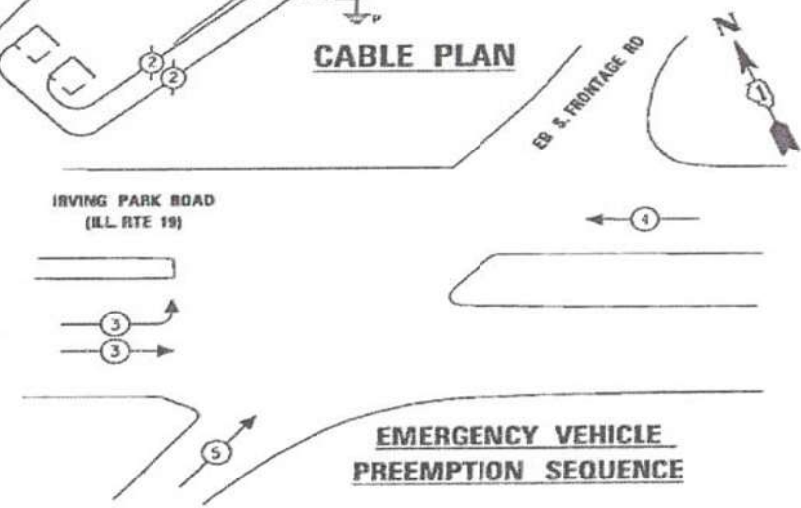


EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	←	↗

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	80
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
SPLICE FIBER IN CABINET	EACH	6
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
CAMERA MOUNTING ASSEMBLY	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1

CABLE PLAN



EMERGENCY VEHICLE PREEMPTION SEQUENCE

I.D.O.T TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE (INCAND.)	LED	% OPERATION	
SIGNAL (RED)	13		17	0.50	110.50
(YELLOW)	13		25	0.25	81.25
(GREEN)	13		15	0.25	48.75
ARROW	-		12	0.10	-
PED. SIGNAL	2		25	1.00	50.00
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	-		25	0.05	-
VIDEO SYSTEM	-	150	-	1.00	-
FLASHER					
ENERGY COSTS TO: TOTAL =					390.50
ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAY/DISTRICT 1 201 WEST CENTER COURT/SCHAUMBURG, ILLINOIS 60196-1096					
ENERGY SUPPLY CONTACT: JOHN STACHO					
PHONE: (630) 424-5704					
COMPANY: ComEd					

FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-502-1001.CADD\Sheets\191.IL.Rte.19.at.IL.390.Frontage.Rd.East.CADD.dgn



USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
	DRAWN - EA, AV	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MS	REVISED -
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION #80
IL RTE 19 AT IL 390 FRONTAGE RD EAST CABLE PLAN**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 TRAFFIC 02	VARIOUS	306	208
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

**TS 21709
IDOT CENTRACS
FORMER ECON 89**



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.

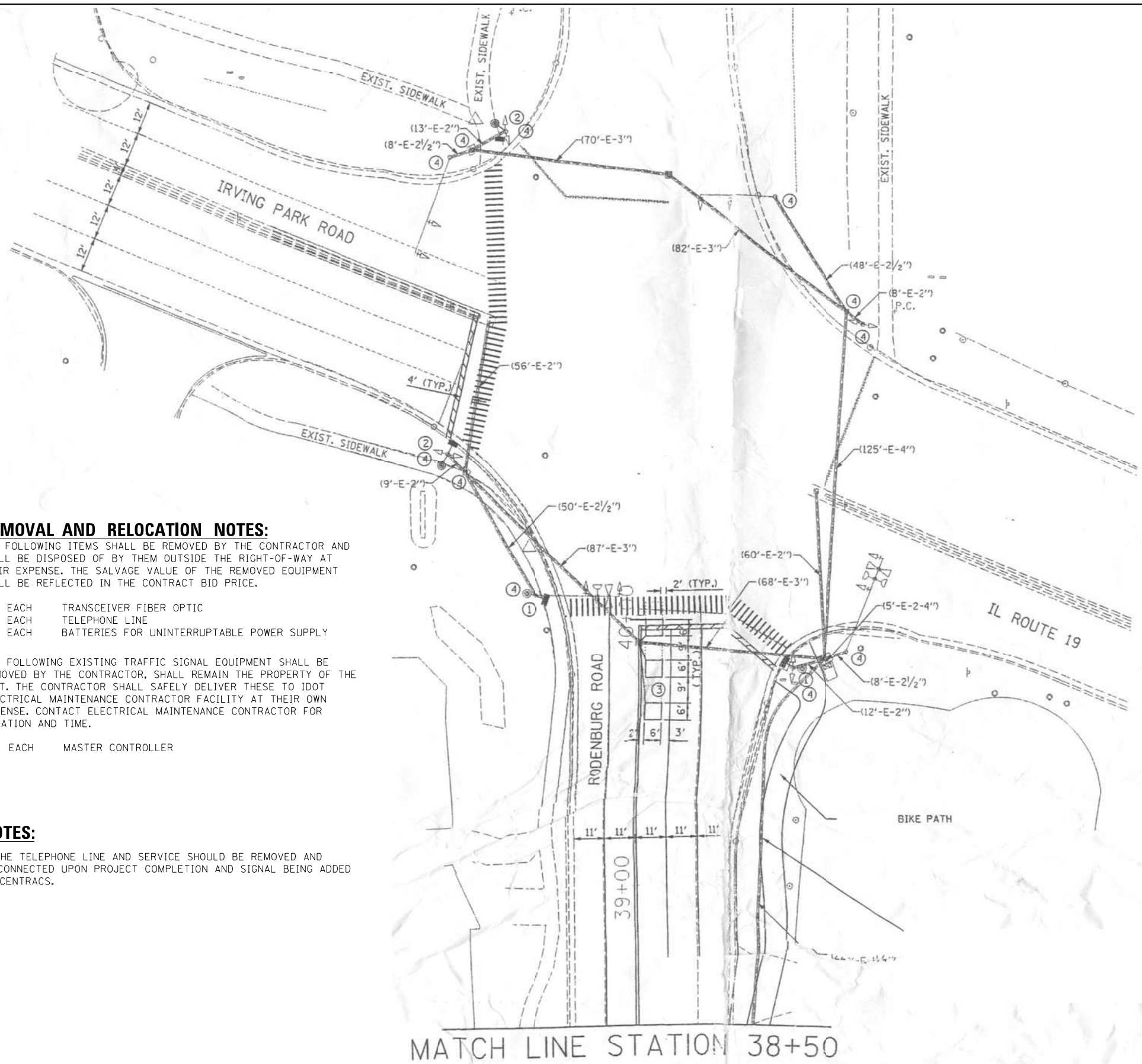
- 1 EACH TRANSCEIVER FIBER OPTIC
- 1 EACH TELEPHONE LINE
- 1 EACH BATTERIES FOR UNINTERRUPTABLE POWER SUPPLY

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE IDOT. THE CONTRACTOR SHALL SAFELY DELIVER THESE TO IDOT ELECTRICAL MAINTENANCE CONTRACTOR FACILITY AT THEIR OWN EXPENSE. CONTACT ELECTRICAL MAINTENANCE CONTRACTOR FOR LOCATION AND TIME.

- 1 EACH MASTER CONTROLLER

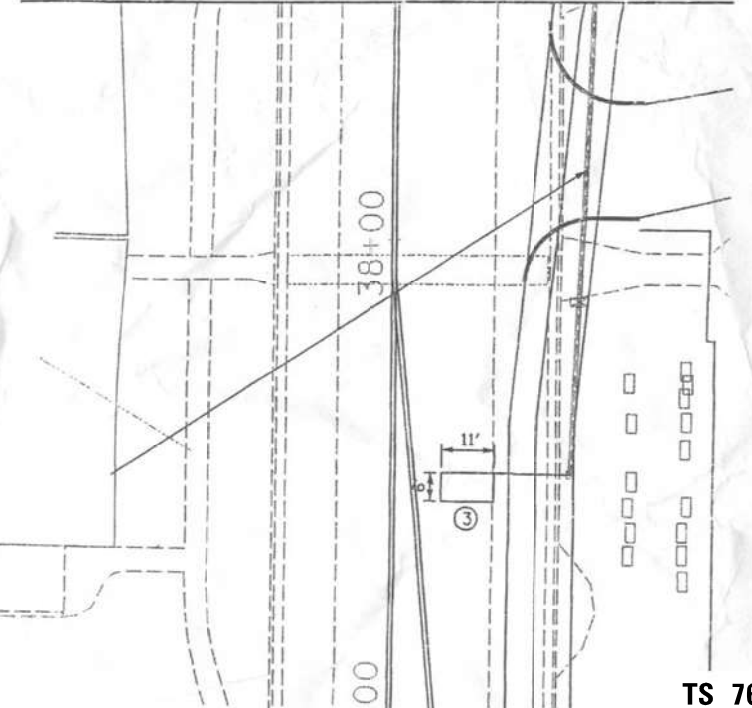
NOTES:

- 1. THE TELEPHONE LINE AND SERVICE SHOULD BE REMOVED AND DISCONNECTED UPON PROJECT COMPLETION AND SIGNAL BEING ADDED TO CENTRACS.



MATCH LINE STATION 38+50

MATCH LINE STATION 38+50



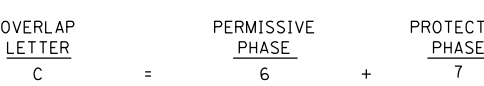
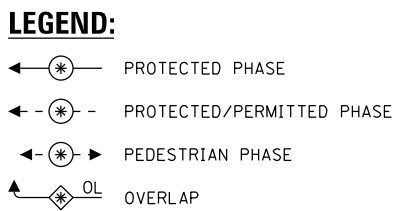
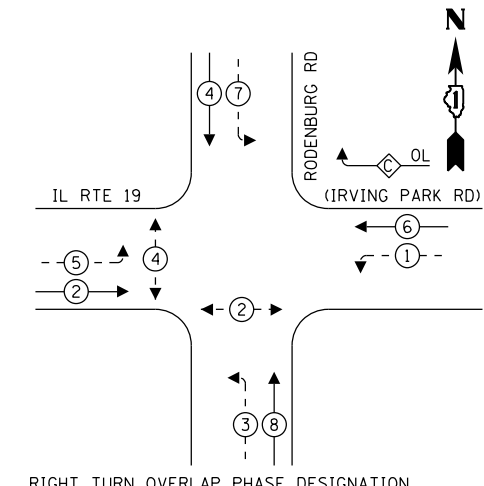
"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

TS 7635
IDOT CENTRACS
FORMER ECON 89

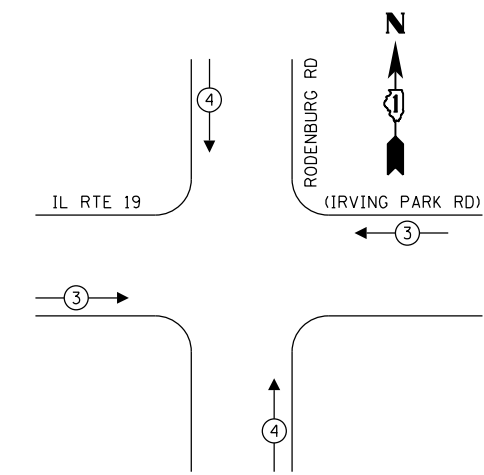
K:\PROJECTS\Projects\2022\22-ESR-502-1001.CM40 Contracts Phase 2\CADD\Sheets\192.IL Rte 19 at Rodenburg Rd.INT.dgn

	USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #81 IL RTE 19 (IRVING PARK RD) AT RODENBURG RD INTERSECTION PLAN			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / 1" =	CHECKED - MS	REVISED -					VAR	2023 TRAFFIC 02	VARIOUS	306	209
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -		SCALE: N.T.S.	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. [] ILLINOIS FED. AID PROJECT			

EXISTING CONTROLLER SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88.0
(YELLOW)	16	20	5	16.0
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	20	10	10	20.0
PED. SIGNAL	4	20	100	80.0
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	-	120	50	-
LUMINAIRE	-	240	50	-
TOTAL =				415.4

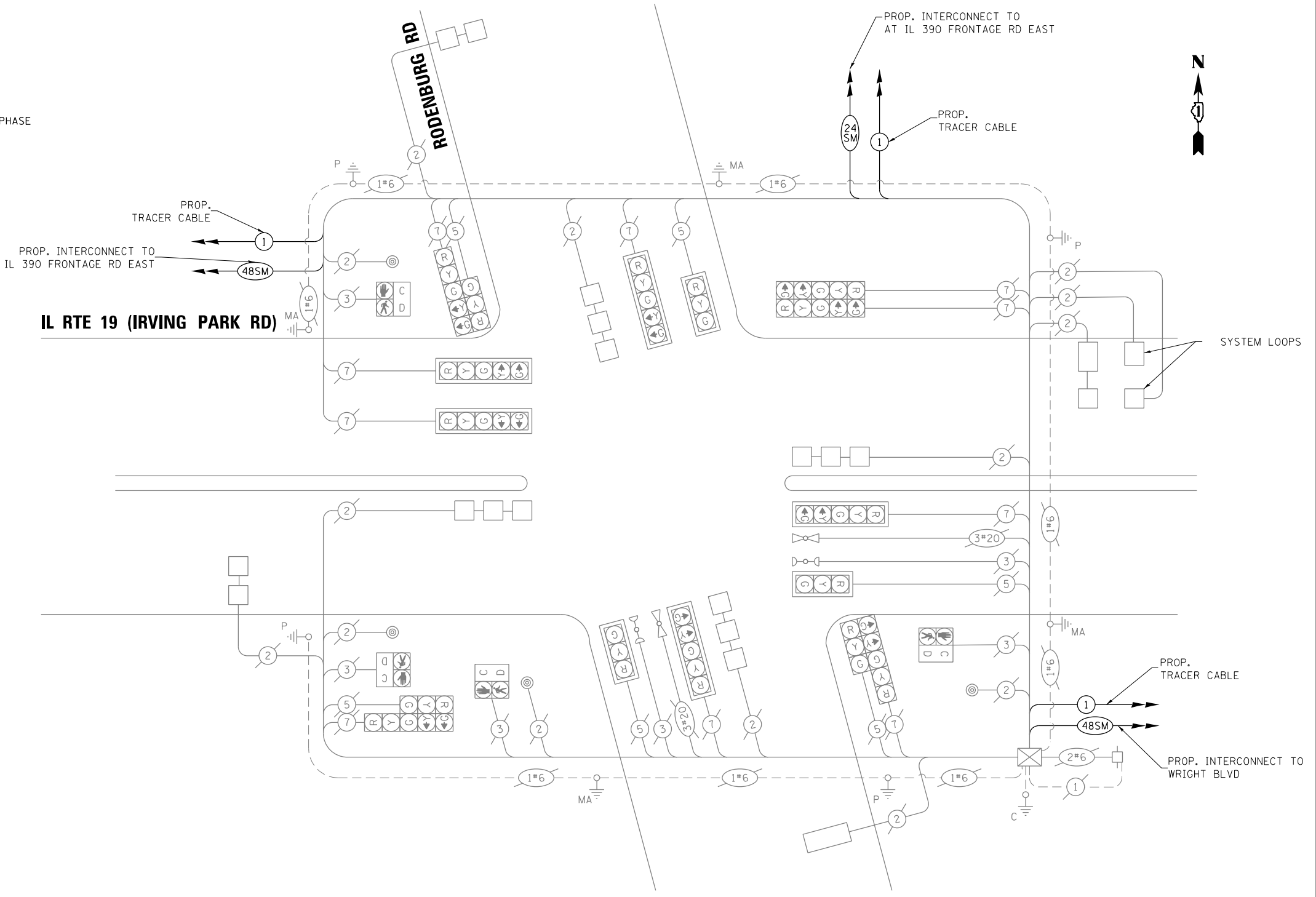
ENERGY COSTS TO:

ENERGY SUPPLY: CONTACT: _____

PHONE: _____

COMPANY: _____

ACCOUNT NUMBER: _____



CABLE PLAN
(NOT TO SCALE)

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	36
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
REMOVE AND REPLACE BATTERIES FOR UNINTERRUPTABLE POWER SUPPLY	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1

FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-502-1001.CM40 Contracts Phase 2\CADD\Sheets\193_IL_Rte_19_at_Rodenburg_Rd_CD.dgn

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
5035 N. NORTHWEST HIGHWAY
SUITE 200
CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900

DESIGNED - EA	REVISED - 12-2-2022
DRAWN - EA, AV	REVISED -
CHECKED - MS	REVISED -
DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION #81
IL RTE 19 (IRVING PARK RD) AT RODENBURG RD CABLE PLAN**

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 TRAFFIC 02	VARIOUS	306	210
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

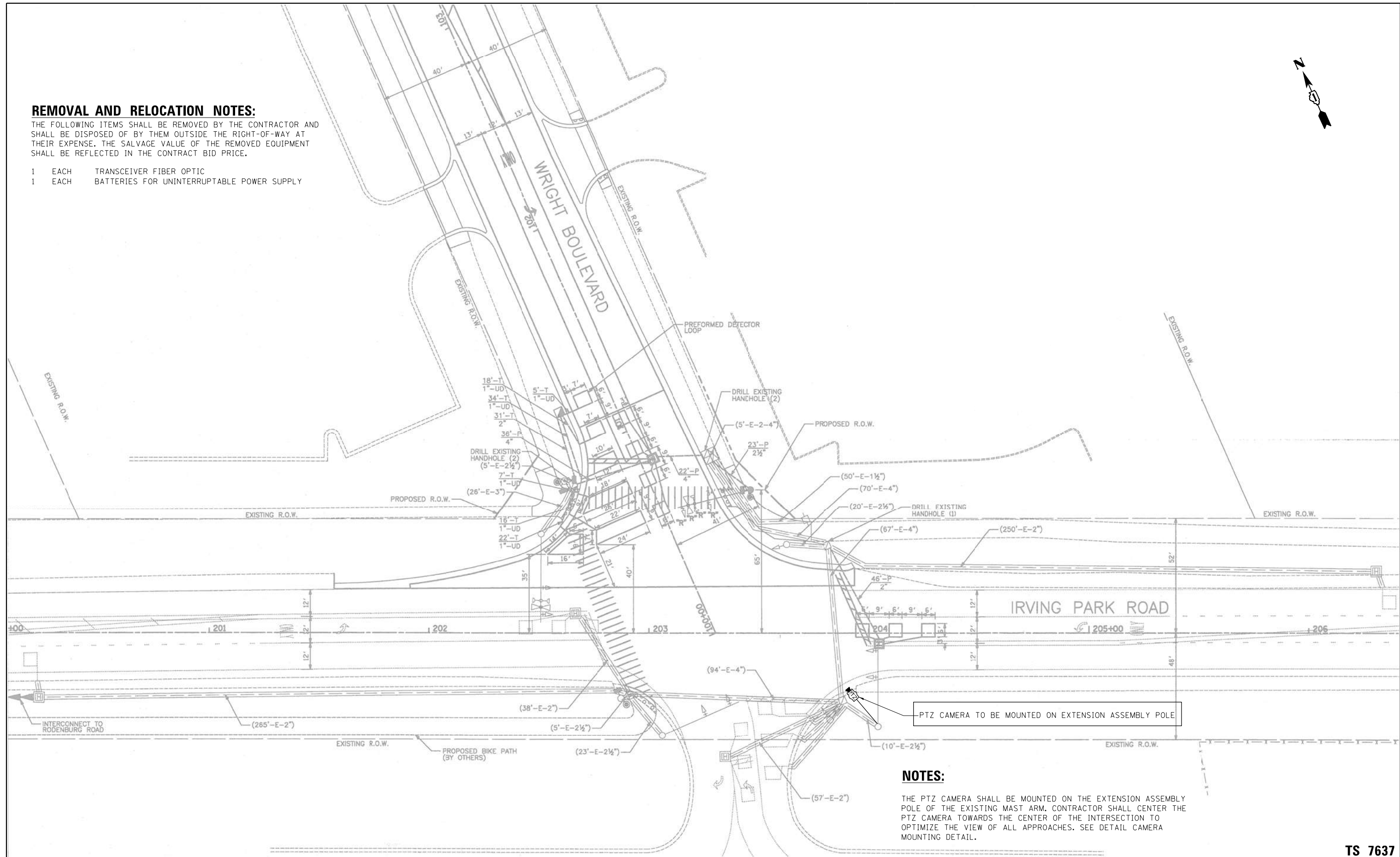
**TS 7635
IDOT CENTRACS
FORMER ECON 89**



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
- 1 EACH BATTERIES FOR UNINTERRUPTABLE POWER SUPPLY



NOTES:

THE PTZ CAMERA SHALL BE MOUNTED ON THE EXTENSION ASSEMBLY POLE OF THE 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.

"TRAFFIC SIGNAL PLAN FOR REFERENCE ONLY"

**TS 7637
IDOT CENTRACS
FORMER ECON 89**

K:\PROJECTS\Projects\2022\22-ESR-502-1001.CM40 Contracts Phase 2\CADD\Sheets\194_IL_Rte 19 at Wright Blvd.INT.dgn



USER NAME = \$USER*	DESIGNED - EA	REVISED -
DRAWN - EA, AV	REVISOR -	
CHECKED - MS	REVISOR -	
DATE - 10/31/2022	REVISOR -	

PLOT SCALE = 40.0000' / in.	CHECKED - MS	REVISOR -
PLOT DATE = \$DATE*	DATE - 10/31/2022	REVISOR -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LOCATION #82
IL RTE 19 (IRVING PARK RD) AT WRIGHT BLVD INTERSECTION PLAN**

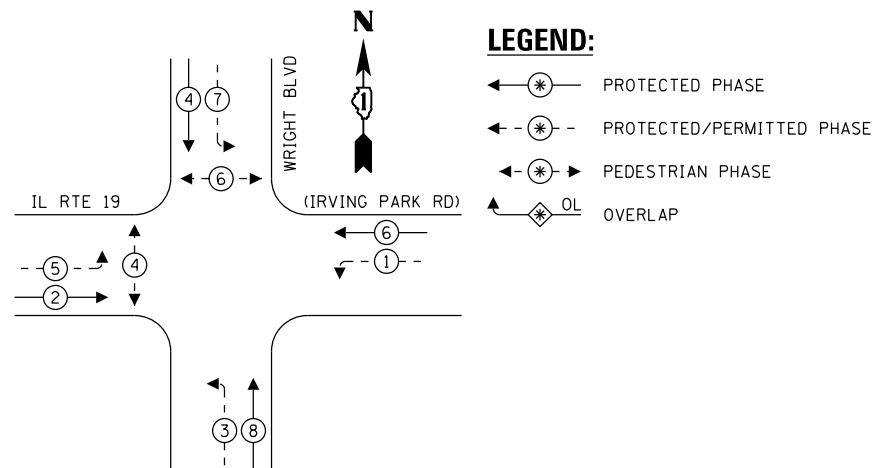
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 TRAFFIC 02	VARIOUS	306	211
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. - [ILLINOIS] FED. AID PROJECT				

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

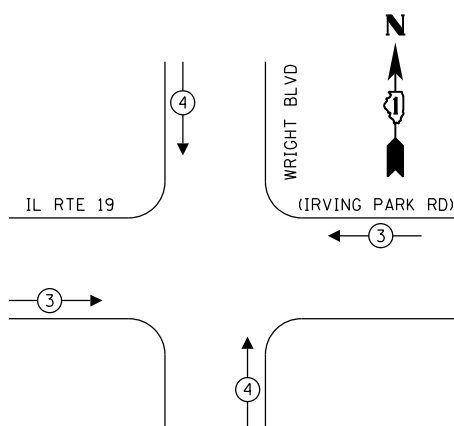
SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
OUTDOOR RATED NETWORK CABLE	FOOT	212
REMOTE CONTROLLED VIDEO SYSTEM	EACH	1
LAYER II (DATALINK) SWITCH	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	1
CAMERA MOUNTING ASSEMBLY	EACH	1
REMOVE AND REPLACE BATTERIES FOR UNINTERRUPTABLE POWER SUPPLY	EACH	1
CENTRACS LICENSE EXPANSION	EACH	1
FIBER OPTIC INTERCONNECT CENTER, 48 PORT	EACH	1

EXISTING CONTROLLER SEQUENCE

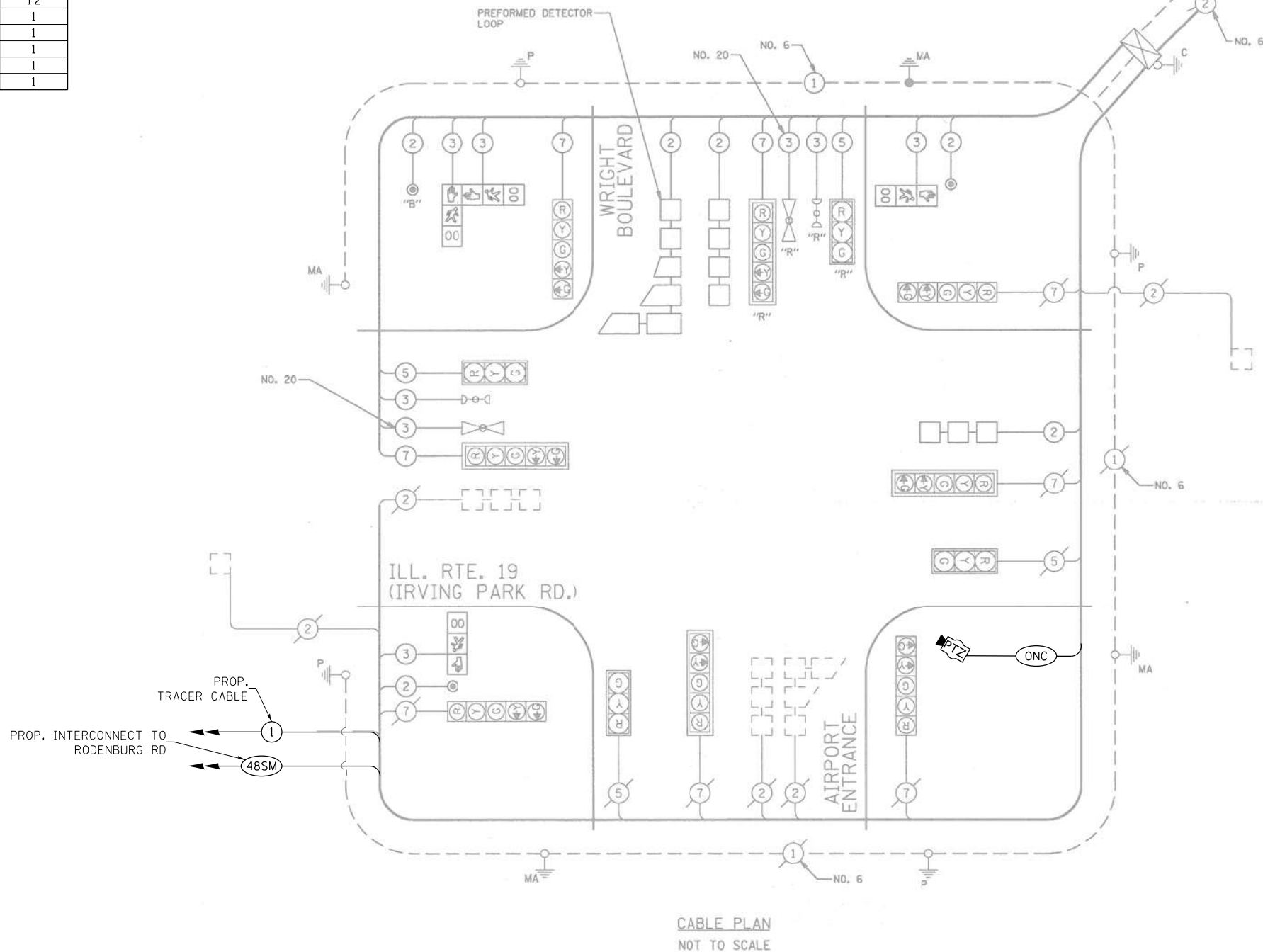


EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE

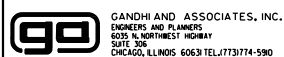


I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	LED	% OPERATION	
SIGNAL (RED)	12		17	0.50	102
(YELLOW)	12		25	0.25	75
(GREEN)	12		15	0.25	45
ARROW	16		12	0.10	19
PED. SIGNAL	4		25	1.00	100
CONTROLLER	1		100	1.00	100
FLASHER				0.50	
TOTAL =					441

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096
ENERGY SUPPLY: CONTACT: MARK GLOECKLE
PHONE: (630) 691-4529
COMPANY: COM ED



FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-502-IDOT-CM40-Centracs-Phase 2\CADD\Sheets\195-IL-Rte 19 at Wright Blvd.CADDgn



USER NAME = \$USER\$	DESIGNED - EA	REVISED -
PLOT SCALE = 40.0000' / 1"	DRAWN - EA, AV	REVISED -
PLOT DATE = \$DATE\$	CHECKED - MS	REVISED -
	DATE - 10/31/2022	REVISED -

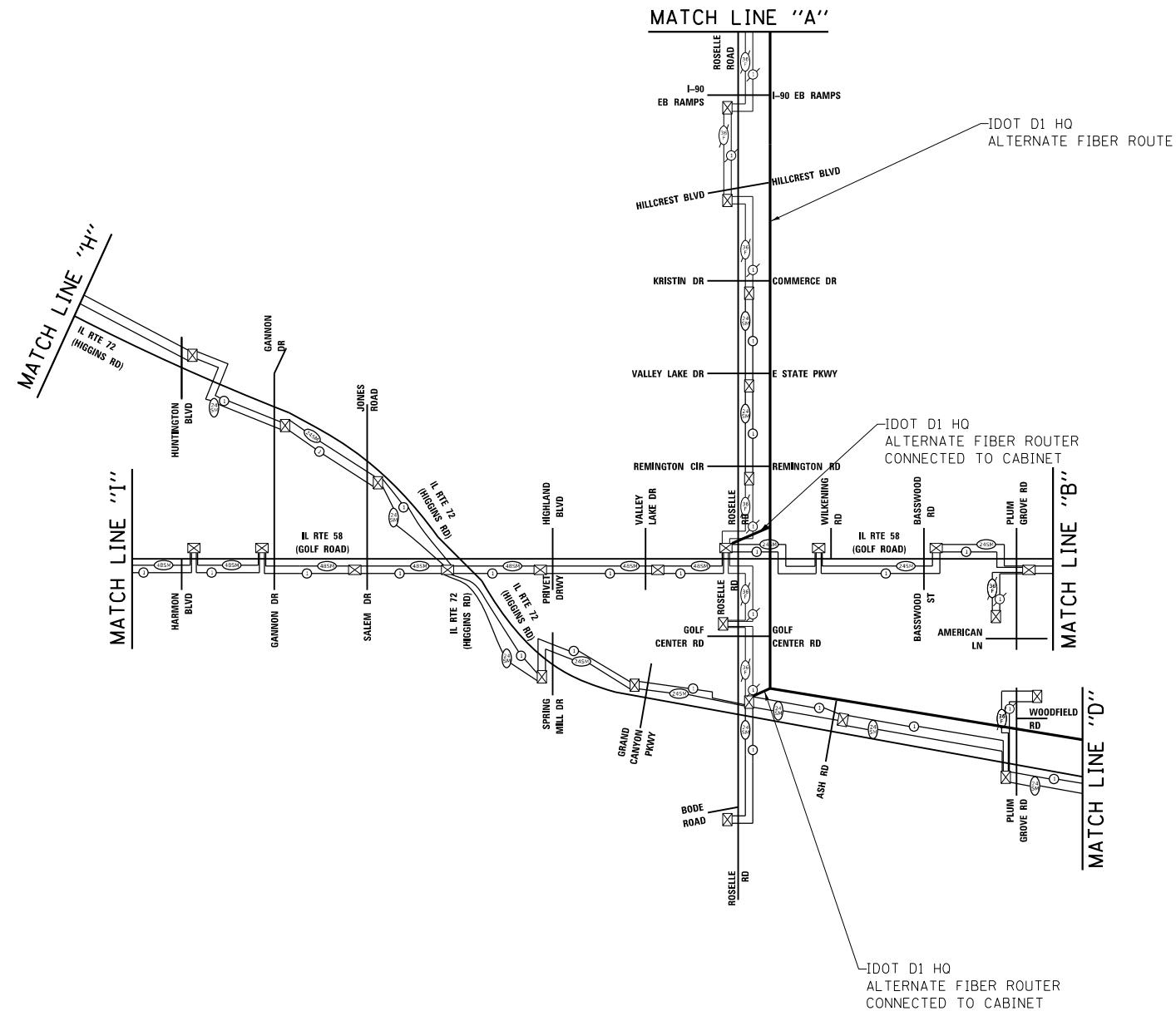
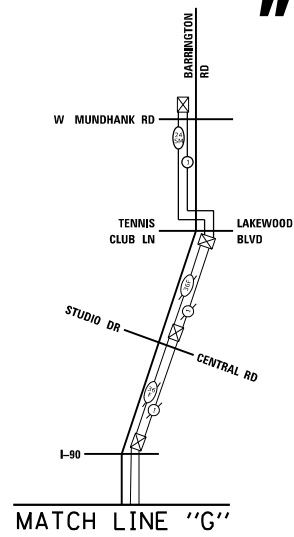
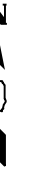
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION #82
IL RTE 19 (IRVING PARK RD) AT WRIGHT BLVD CABLE PLAN
SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 TRAFFIC 02		306	212
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

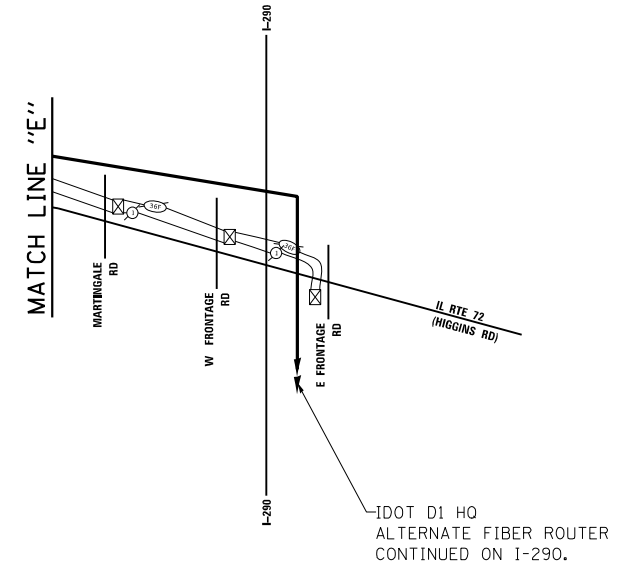
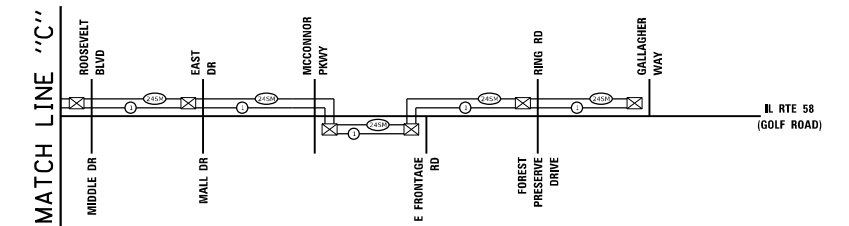
TS 7637
IDOT CENTRACS
FORMER ECON 89

"INTERCONNECT SCHEMATIC PLAN FOR REFERENCE ONLY"



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 HANDHILE NEXT TO CABINET FOR ALL THE LCOATIONS WITH 48SM FIBER CABLE



FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001.CM40 Contracts Phase 2\CADD_Sheets\196_Schem\Interconnect.dgn

GO GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60630 TEL: 773-774-5900

USER NAME = \$USER\$	DESIGNED - EA	REVISED -
DRAWN - EA, AV	CHECKED - MS	REVISED -
PLOT SCALE = 100.0000' / 1" =	DATE - 10/31/2022	REVISED -
PLOT DATE = \$DATE\$		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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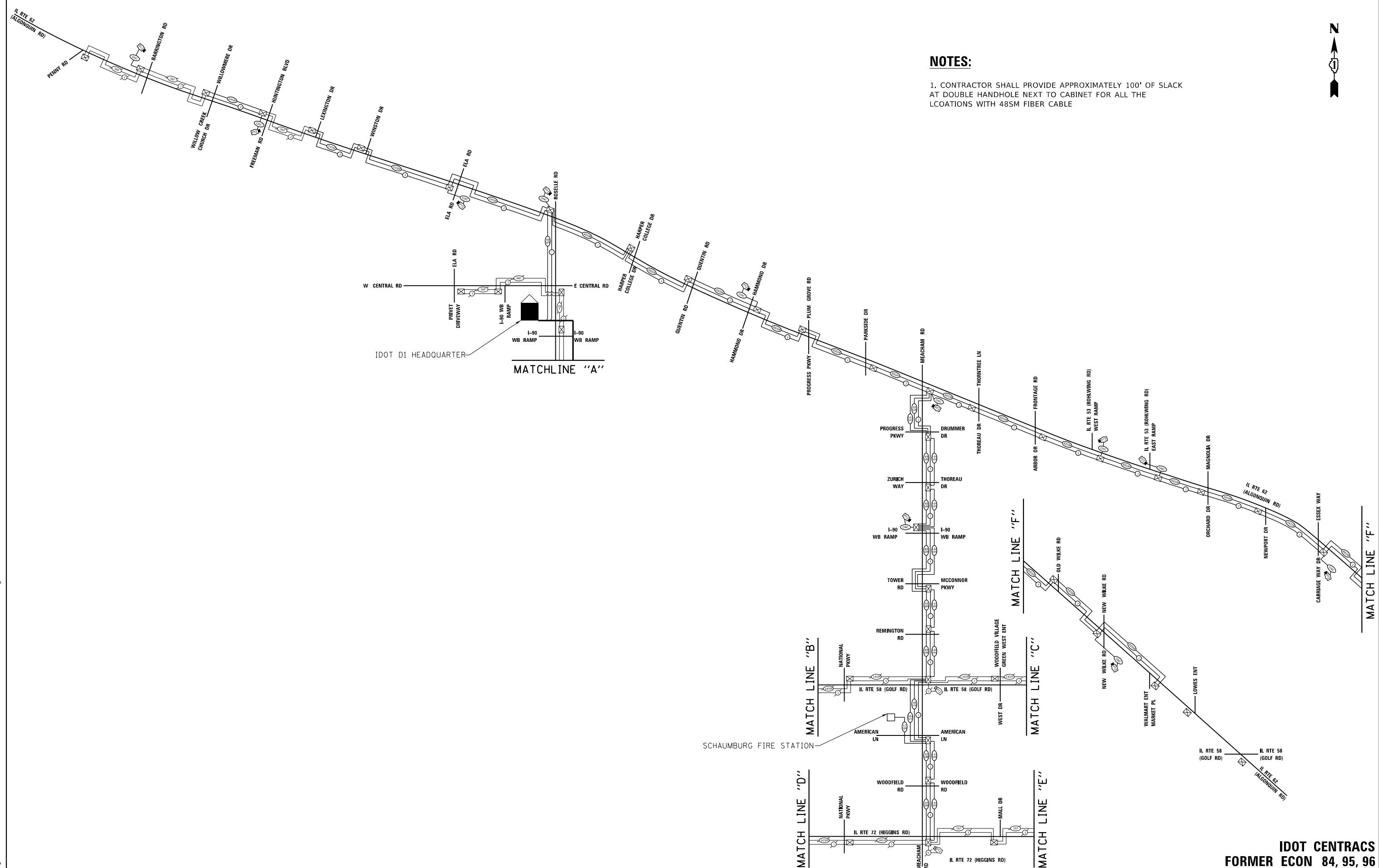
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	213
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
 FORMER ECON 73, 78, 81, 84



NOTES:

1. CONTRACTOR SHALL PROVIDE APPROXIMATELY 100' OF SLACK AT DOUBLE HANDHOLE NEXT TO CABINET FOR ALL THE LOCATIONS WITH 48SM FIBER CABLE



FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001.CM40 Contracs Phase 2\CADD_Sheets\197_Schem_Interconnect_2.dgn

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60630 TEL: (773) 774-590

USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
	DRAWN - EA, AV	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -

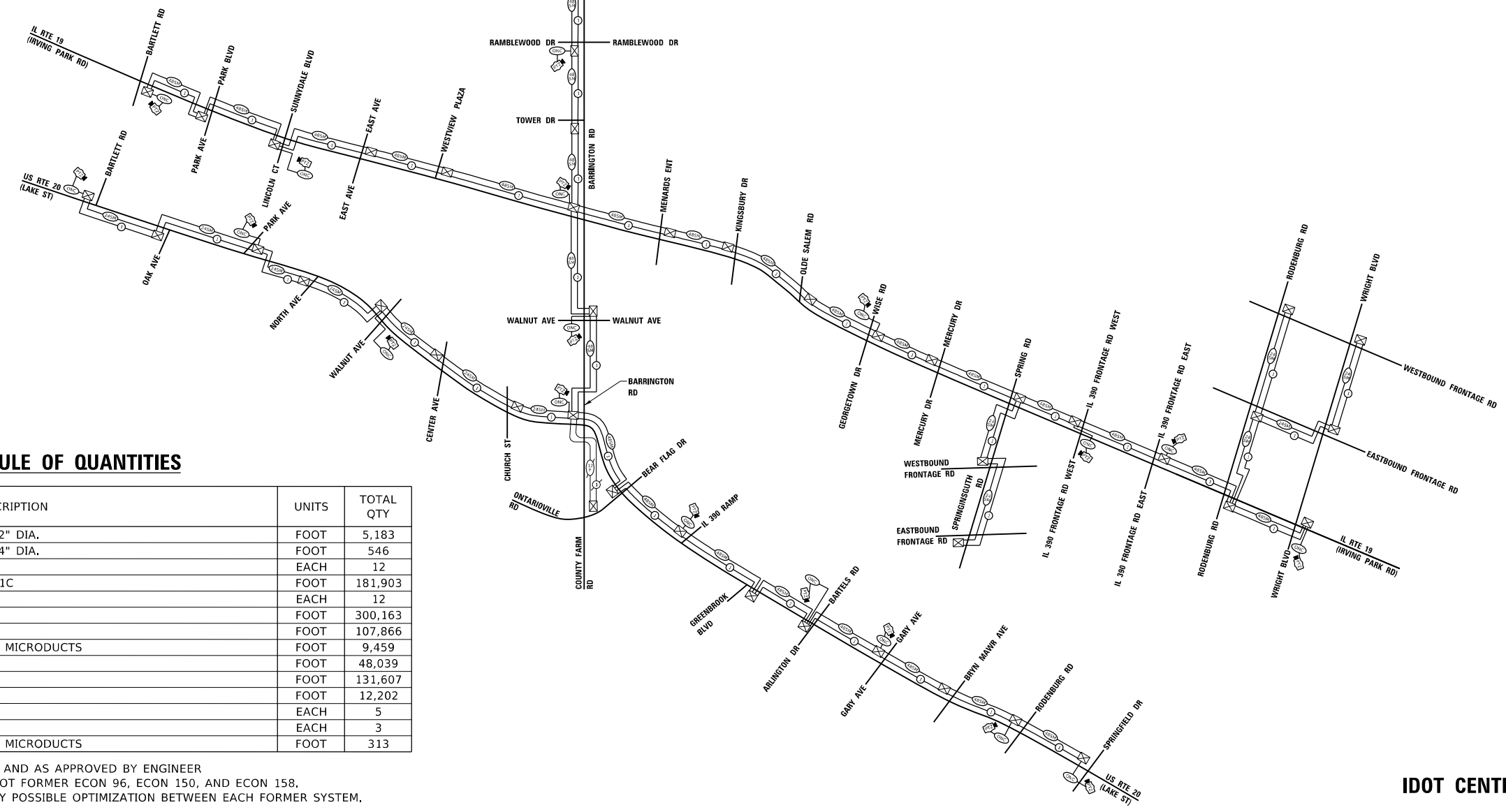
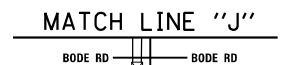
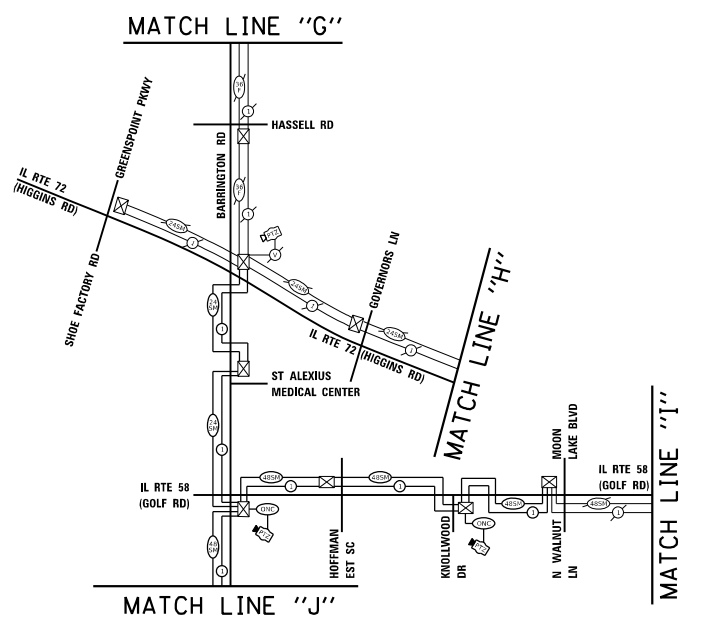
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERALL INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES
IDOT ZONES 84, 95, 96**

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	214
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

**IDOT CENTRACS
FORMER ECON 84, 95, 96**



NOTES:

1. CONTRACTOR SHALL PROVIDE APPROXIMATELY 100' OF SLACK AT DOUBLE HANDHOLE NEXT TO CABINET FOR ALL THE LCOATIONS WITH 48SM FIBER CABLE

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	5,183
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	546
HANDHOLE	EACH	12
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	181,903
DRILL EXISTING HANDHOLE	EACH	12
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	300,163
* ROD AND CLEAN EXISTING CONDUIT	FOOT	107,866
UNDERGROUND CONDUIT, MULTI-DUCT, 7-16MM MICRODUCTS	FOOT	9,459
FIBER OPTIC CABLE 24 FIBERS, SINGLE MODE	FOOT	48,039
FIBER OPTIC CABLE 48 FIBERS, SINGLE MODE	FOOT	131,607
FIBER OPTIC CABLE 144 FIBERS, SINGLE MODE	FOOT	12,202
COMMUNICATIONS VAULT	EACH	5
** OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	3
UNDERGROUND CONDUIT, MULTI-DUCT, 3-16MM MICRODUCTS	FOOT	313

* NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY ENGINEER
 ** SYSTEM OPTIMIZATION SHALL CONSIST OF IDOT FORMER ECON 96, ECON 150, AND ECON 158.
 SCAT CONSULTANT SHALL ALSO IDENTIFY ANY POSSIBLE OPTIMIZATION BETWEEN EACH FORMER SYSTEM.

FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-562-1001-CM40_Centracs Phase 2\CADD_Sheets\198_Schem_Interconnect_3.dgn
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GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900

USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
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PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -

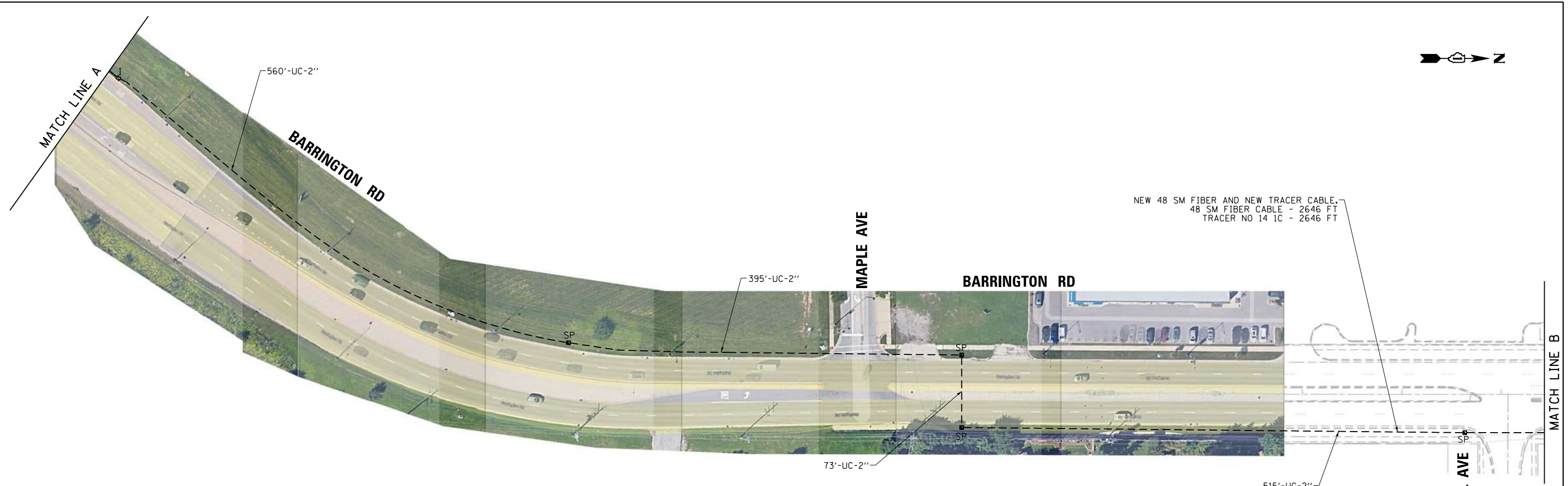
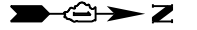
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**OVERALL INTERCONNECT SCHEMATIC AND SCHEDULE OF QUANTITIES
 IDOT ZONES 5F, 73, 89, 150, 158**

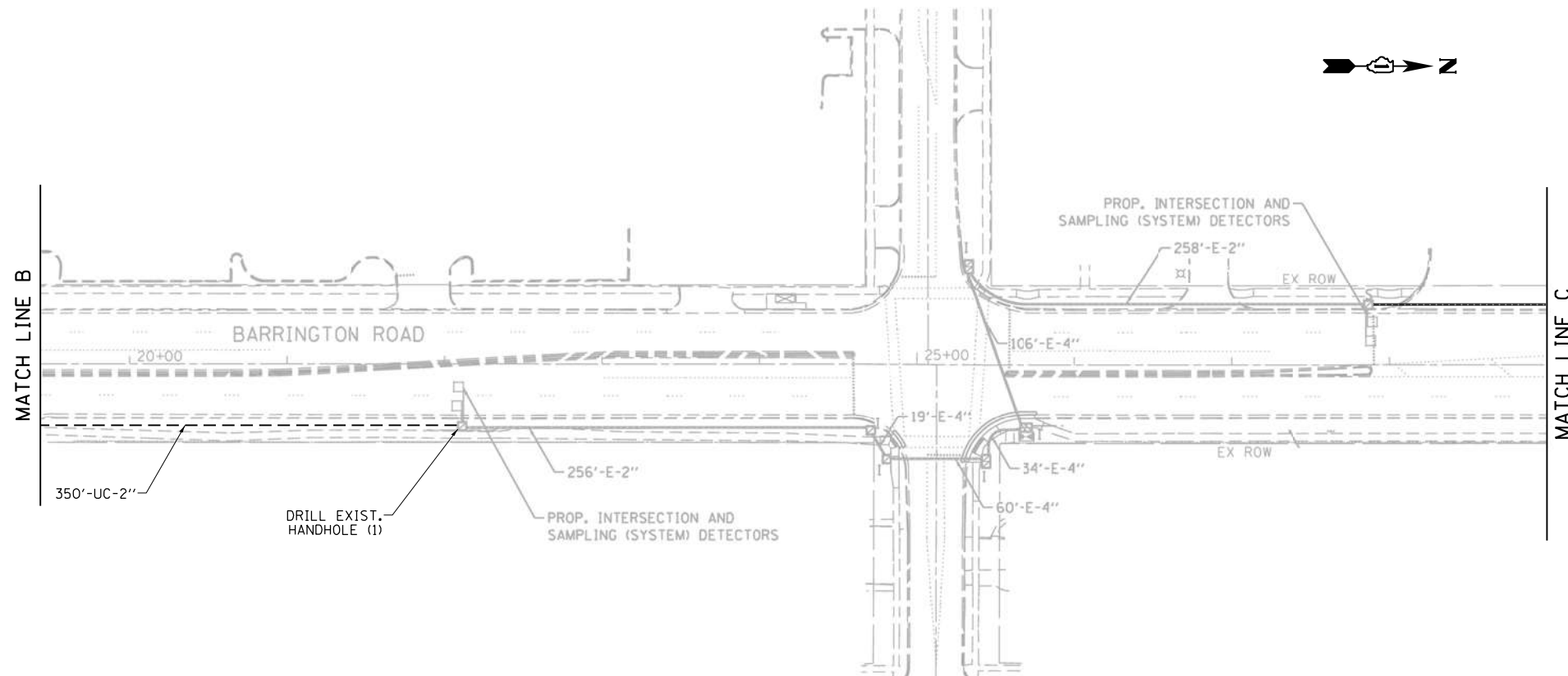
SCALE: SHEET NO. OF SHEETS STA. TO STA.

**IDOT CENTRACS & IDOT TACTICS
 FORMER EAGLE 5F
 FORMER ECON 73, 89, 150, 158**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	215
			CONTRACT NO. 62T54	
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				



WALNUT AVENUE



FILE NAME = K:\PROJECTS\Projects_2022\22-ESR-562-1001_CMAQ_Contracts Phase 2\CADD_Sheets\199_Interconnect Plan for Barrington Rd South to North.dgn

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60630 TEL: 773.774.590

USER NAME = \$USER\$	DESIGNED - EA	REVISED -
	DRAWN - EA, AV	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

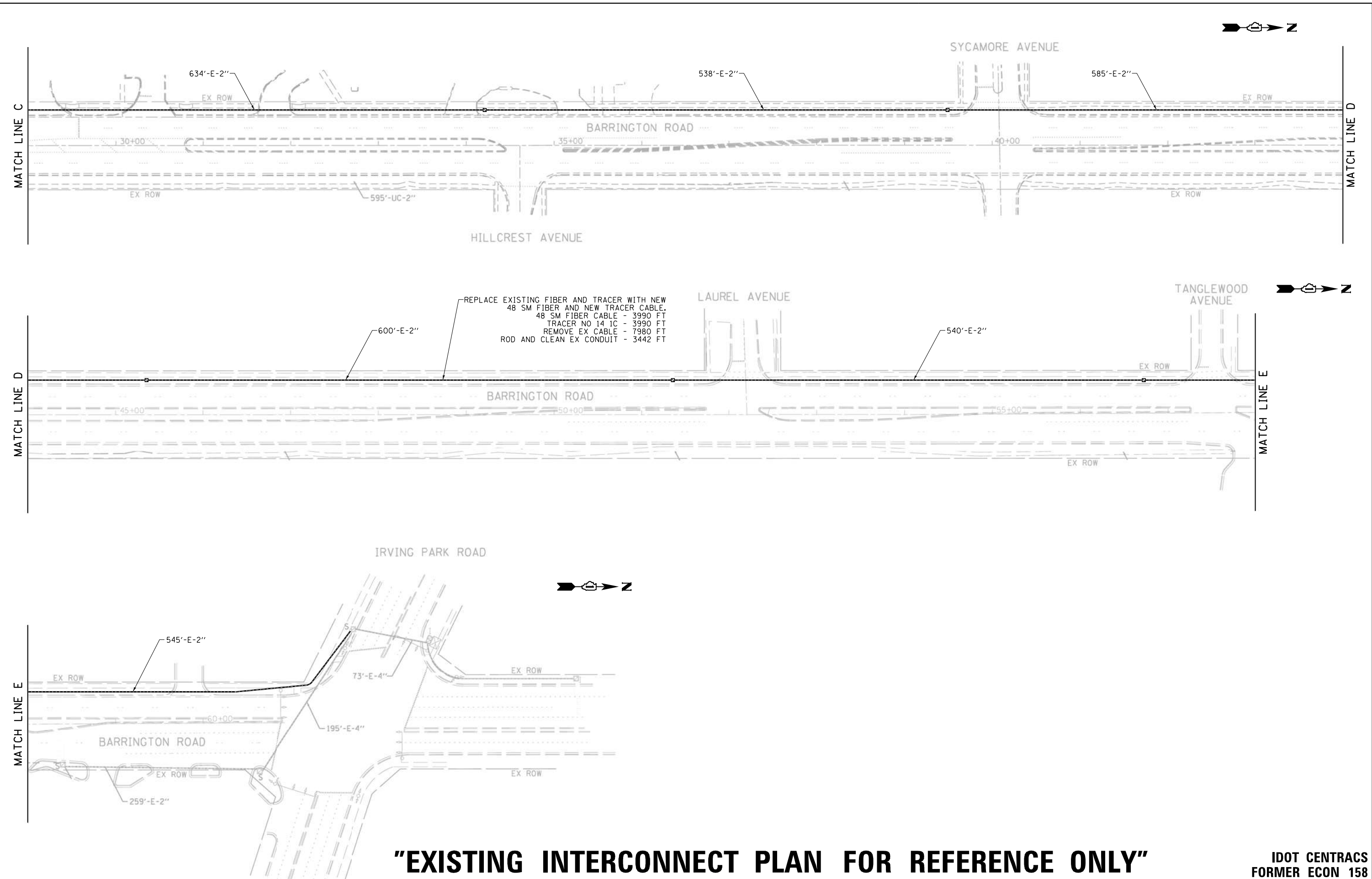
**PROPOSED AND EXISTING INTERCONNECT PLAN
BARRINGTON RD AT WALNUT AVE**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	216
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**IDOT CENTRACS
FORMER EAGLE 5F
FORMER ECON 158**

FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-502-1001-CM40-Centrac Phase 2\CADD_Sheets\200-Interconnect Plan for Barrington Rd South to North_2.dgn

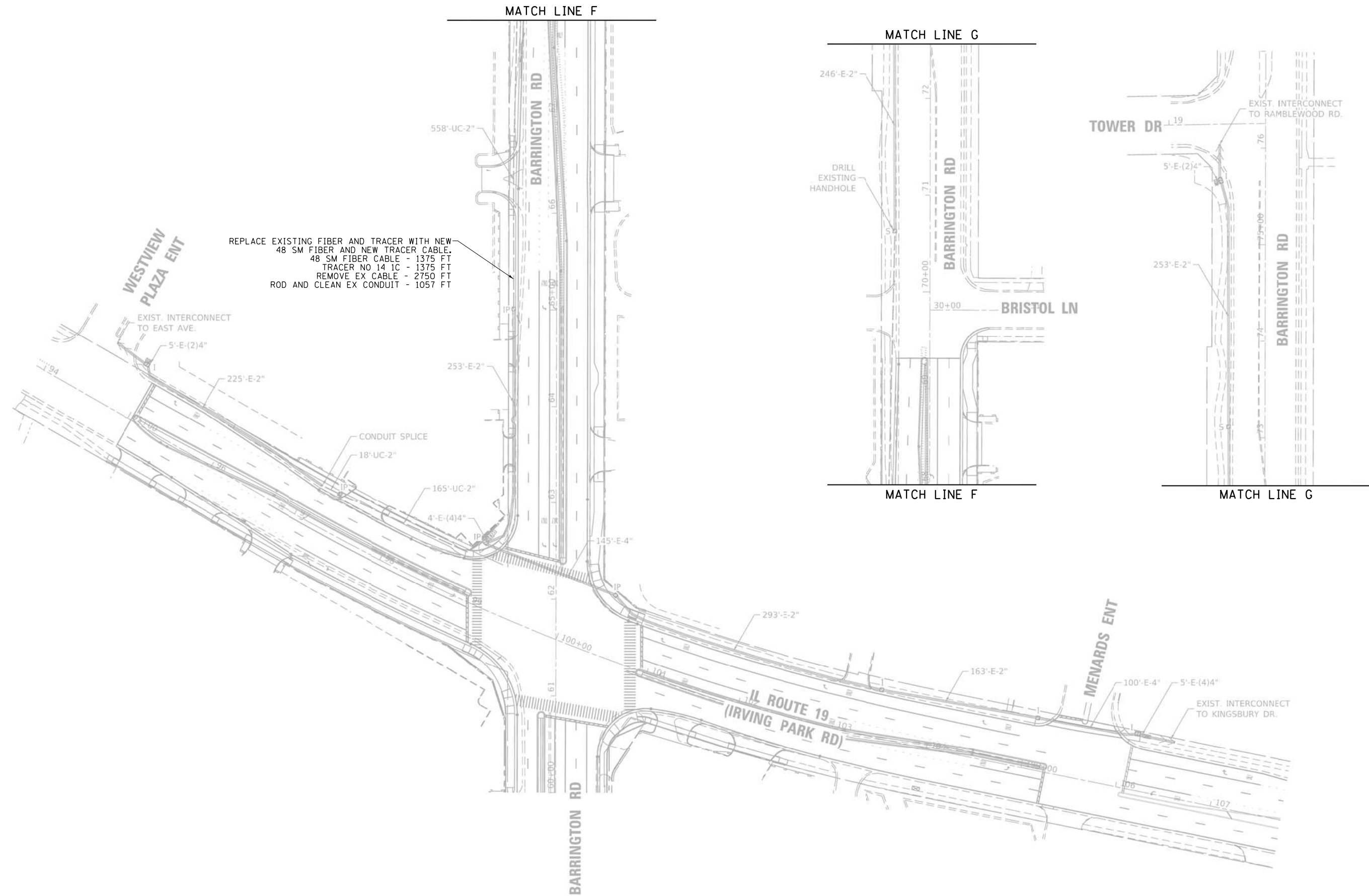
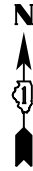


"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
FORMER ECON 158**

 GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 300 CHICAGO, ILLINOIS 60630 TEL: 773.774.5900	USER NAME = \$USER\$	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED AND EXISTING INTERCONNECT PLAN BARRINGTON RD AT IL RTE 19 (IRVING PARK RD)				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	VAR.	2023 TRAFFIC 02	VARIOUS	306
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -							CONTRACT NO. 62T54				
											FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE - 1375 FT
 48 SM FIBER CABLE - 1375 FT
 TRACER NO 14 1C - 1375 FT
 REMOVE EX CABLE - 2750 FT
 ROD AND CLEAN EX CONDUIT - 1057 FT

FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-562-1001.CM40_Centracs Phase 2\CADD_Sheets\201_Interconnect Plan for Barrington Rd South to North.dgn

GO GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60630 TEL: 773.717.590

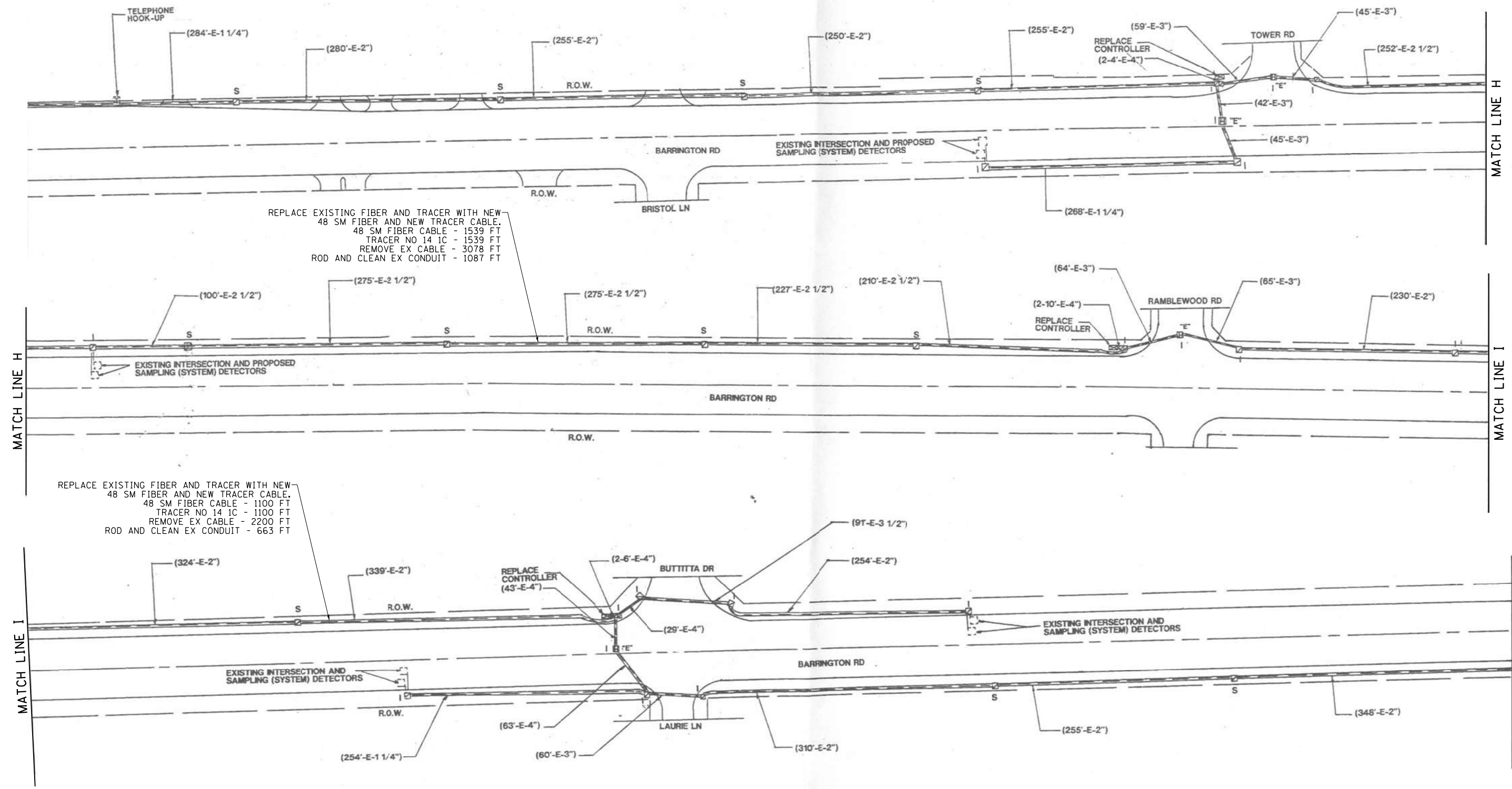
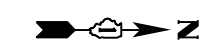
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DRAWN - EA, AV	REVISED -	
PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING INTERCONNECT PLAN BARRINGTON RD AT TOWER DR			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	218
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**IDOT CENTRACS
 FORMER ECON 158**



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 1539 FT
 TRACER NO 14 IC - 1539 FT
 REMOVE EX CABLE - 3078 FT
 ROD AND CLEAN EX CONDUIT - 1087 FT

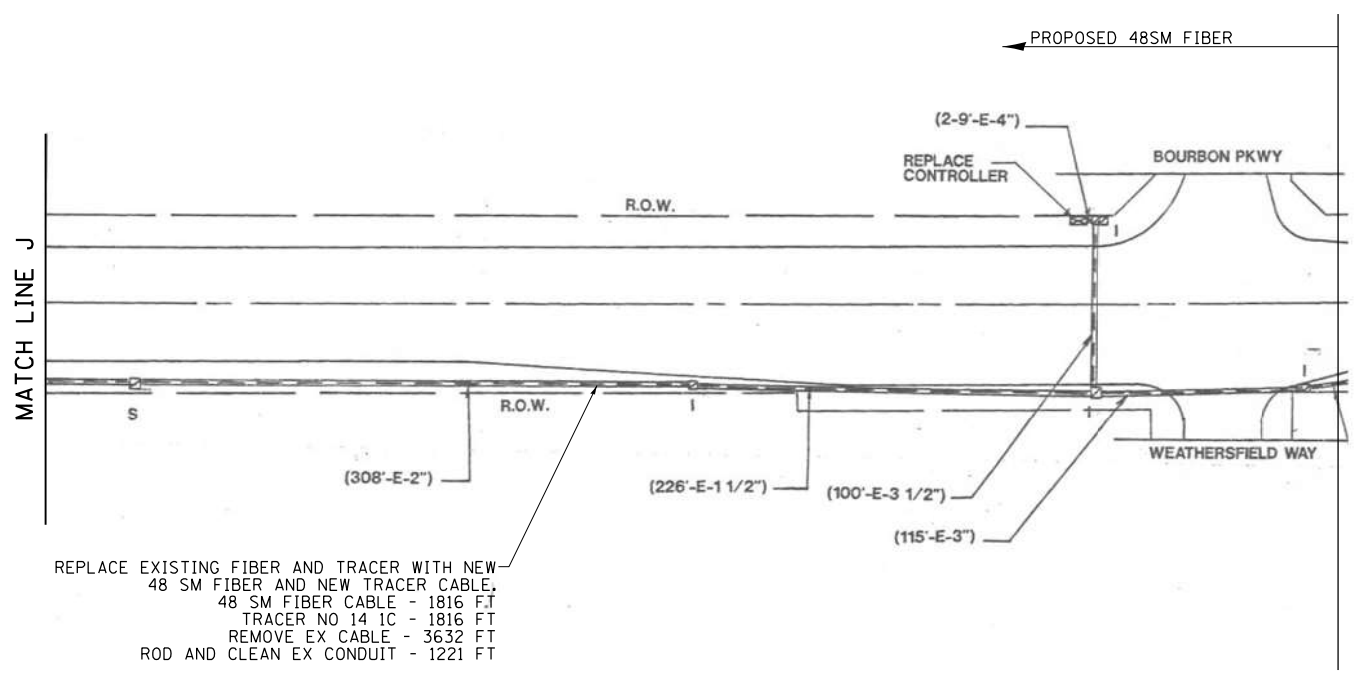
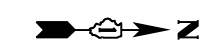
REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 1100 FT
 TRACER NO 14 IC - 1100 FT
 REMOVE EX CABLE - 2200 FT
 ROD AND CLEAN EX CONDUIT - 663 FT

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
 FORMER ECON 158**

FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-592-1001.CM40_Centracs Phase 2\CADD_Sheets\202-Interconnect Plan for Barrington Rd South to North.dgn

GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: 773-774-5900	USER NAME = #USER#	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN BARRINGTON RD AT RAMBLEWOOD DR AND BUTTITTA DR				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	VAR.	2023 TRAFFIC 02	VARIOUS	306
PLOT DATE = #DATE#	DATE - 10/31/2022	REVISED -					CONTRACT NO. 62T54			FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			

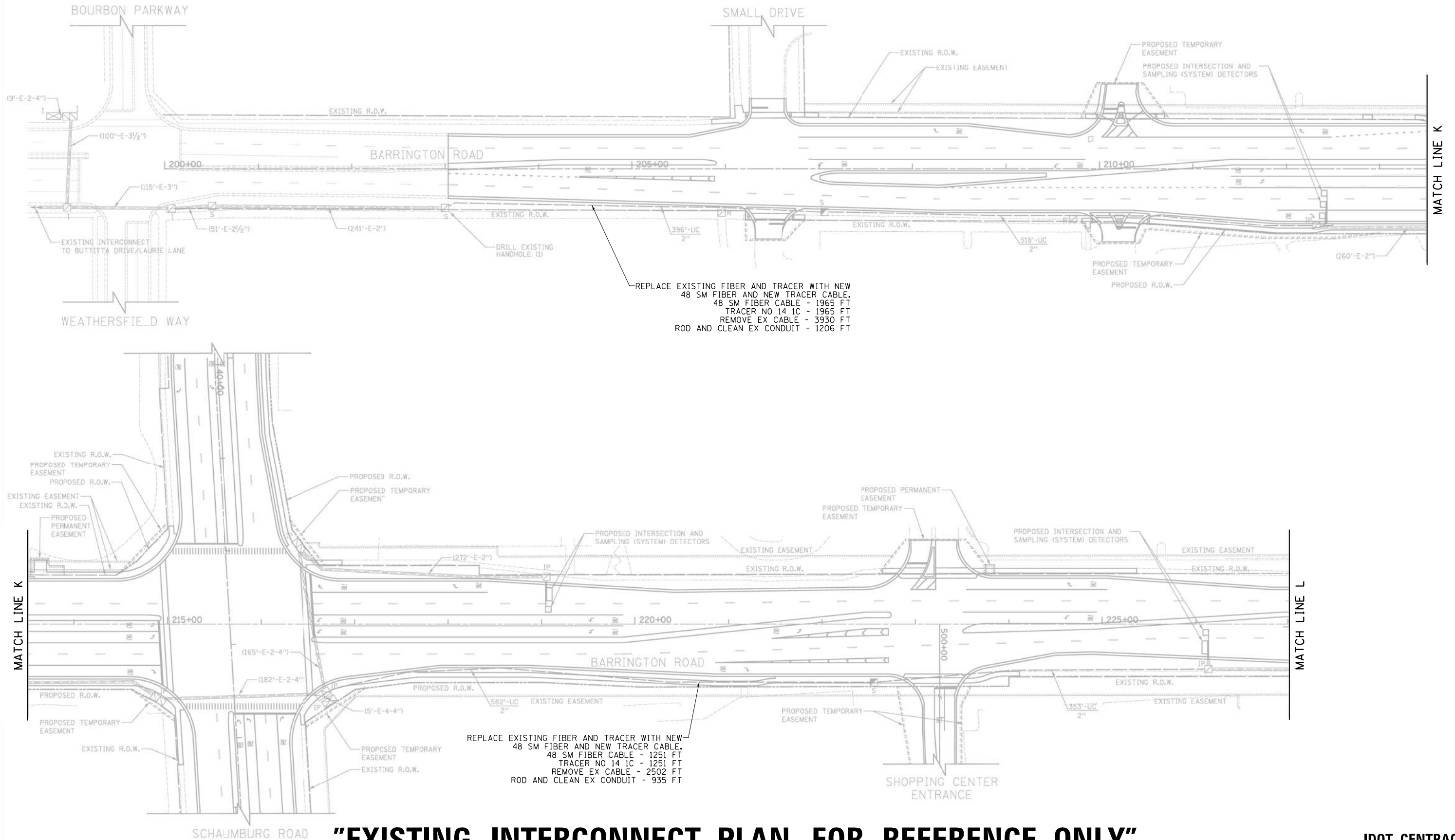
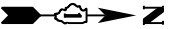


FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001.CM40 Centrac Phase 2\CADD_Sheets\203-Interconnect Plan for Barrington Rd South to North.dgn

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
FORMER ECON 158**

	USER NAME = \$USER\$ PLOT SCALE = 100.0000' / 1"	DESIGNED - EA DRAWN - EA, AV	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN BARRINGTON RD AT BOURBON PKWY	F.A. RTE. VAR.	SECTION 2023 TRAFFIC 02	COUNTY VARIOUS	TOTAL SHEETS 306	SHEET NO. 220
		CHECKED - MS DATE - 10/31/2022	REVISED - REVISED -			CONTRACT NO. 62T54		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		
PLOT DATE = \$DATE\$				SCALE:		SHEET NO. OF SHEETS STA. TO STA.				



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
FORMER ECON 158**

FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-592-1001_CMAQ_Centrac Phase 2\CADD_Sheets\204_Interconnect Plan for Barrington Rd South to North.dgn



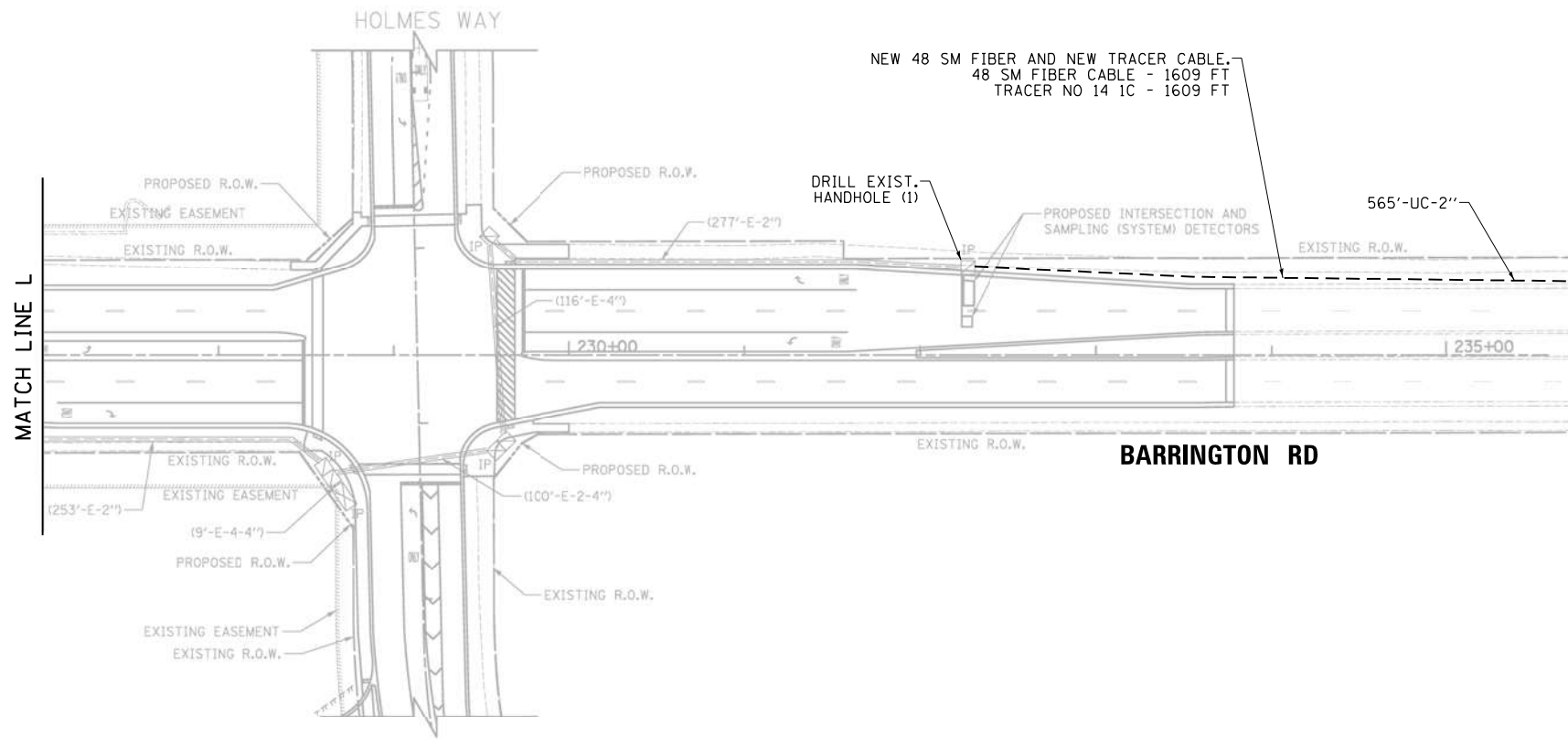
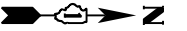
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	DRAWN - EA, AV	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MS	REVISED -
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING INTERCONNECT PLAN
BARRINGTON RD AT BOURBON PKWY AND SCHAUMBURG RD**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	221
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

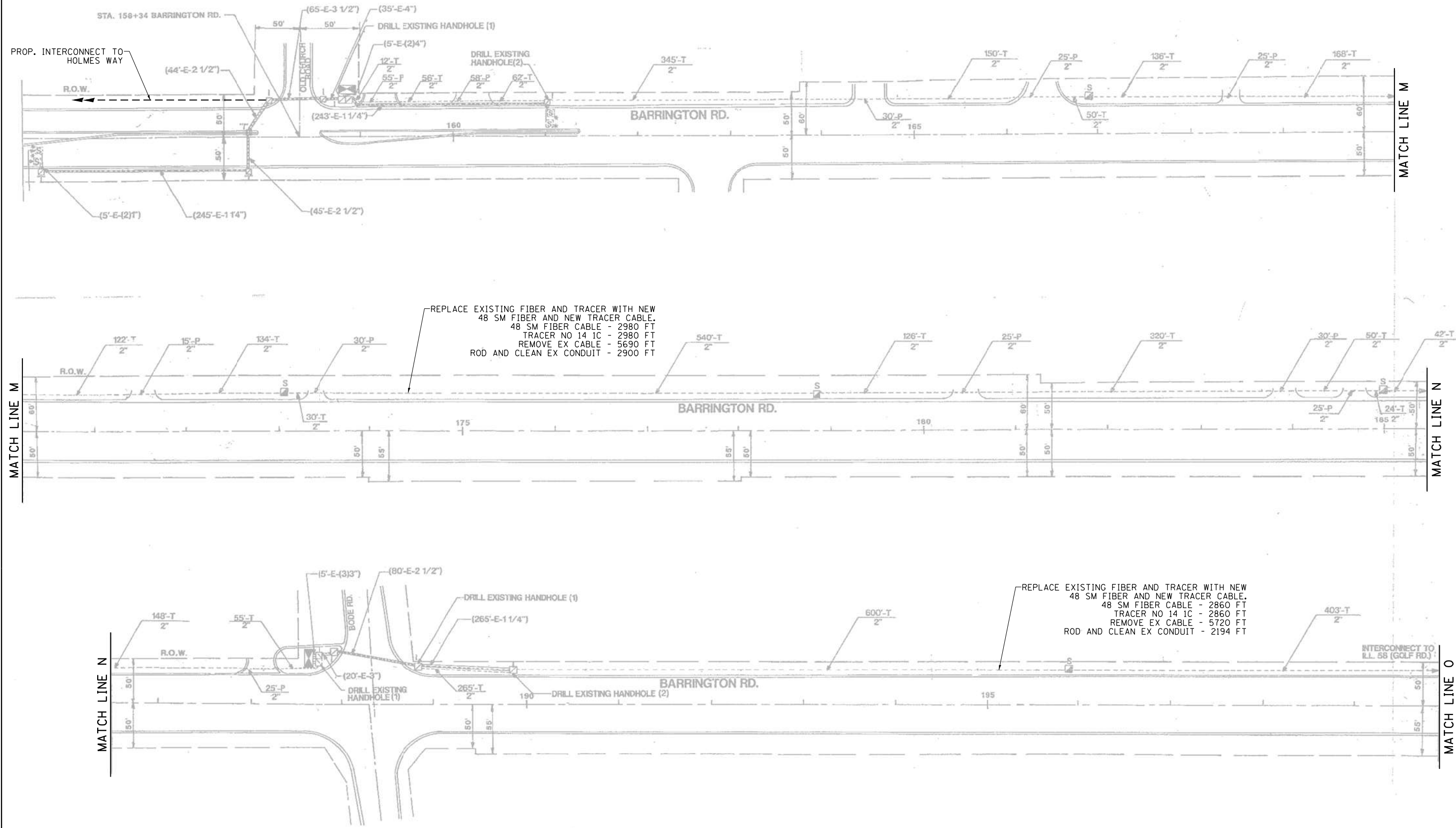
SCALE: SHEET NO. OF SHEETS STA. TO STA.



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
FORMER ECON 150 & 158**

	USER NAME = \$USER* PLOT SCALE = 100.0000' / 1" / 1" / 1" PLOT DATE = \$DATE*	DESIGNED - EA DRAWN - EA, AV CHECKED - MS DATE - 10/31/2022	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN BARRINGTON RD AT HOLMES WAY AND OLD CHURCH RD	F.A. RTE. VAR.	SECTION 2023 TRAFFIC 02	COUNTY VARIOUS	TOTAL SHEETS 306	SHEET NO. 222
		SCALE: SHEET NO. OF SHEETS STA. TO STA.						CONTRACT NO. 62T54 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
FORMER ECON 150**

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-502-1001.CM40 Centracas Phase 2\CADD_Sheets\206-Interconnect Plan for Barrington Rd South to North_Bdgn

<p>GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 5035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: 773.7174.590</p>	USER NAME = #USER#	DESIGNED - EA	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p>EXISTING INTERCONNECT PLAN BARRINGTON RD AT OLD CHURCH RD AND BODE RD</p>				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	VAR.	2023 TRAFFIC 02	VARIOUS	306
PLOT DATE = #DATE#	DATE - 10/31/2022	REVISED -											CONTRACT NO. 62T54
									FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

EROSION CONTROL NOTES:

1. THE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE STATE STANDARDS FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH A TIME AS DIRECTED BY THE ENGINEER.

2. ALL EROSION CONTROL MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: ([HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/erosion-and-sediment-control)).

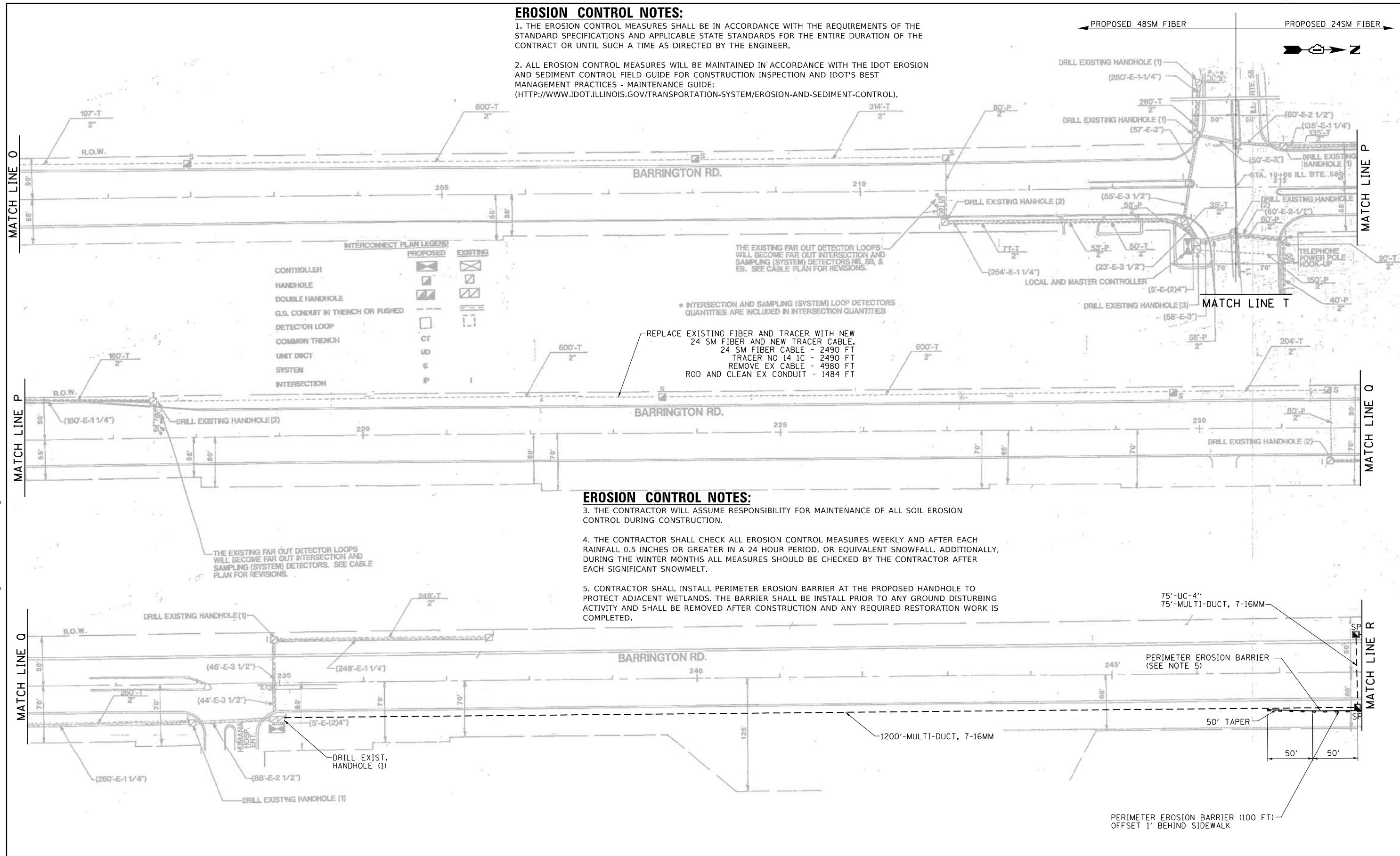
EROSION CONTROL NOTES:

3. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.

4. THE CONTRACTOR SHALL CHECK ALL EROSION CONTROL MEASURES WEEKLY AND AFTER EACH RAINFALL 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY, DURING THE WINTER MONTHS ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.

5. CONTRACTOR SHALL INSTALL PERIMETER EROSION BARRIER AT THE PROPOSED HANDHOLE TO PROTECT ADJACENT WETLANDS. THE BARRIER SHALL BE INSTALL PRIOR TO ANY GROUND DISTURBING ACTIVITY AND SHALL BE REMOVED AFTER CONSTRUCTION AND ANY REQUIRED RESTORATION WORK IS COMPLETED.

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"



FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-592-1001-CM40-Centrac Phase 2\CADD_Sheets\207-Interconnect Plan for Barrington Rd South to North.dgn

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
5035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60630 TEL: 773-774-5900

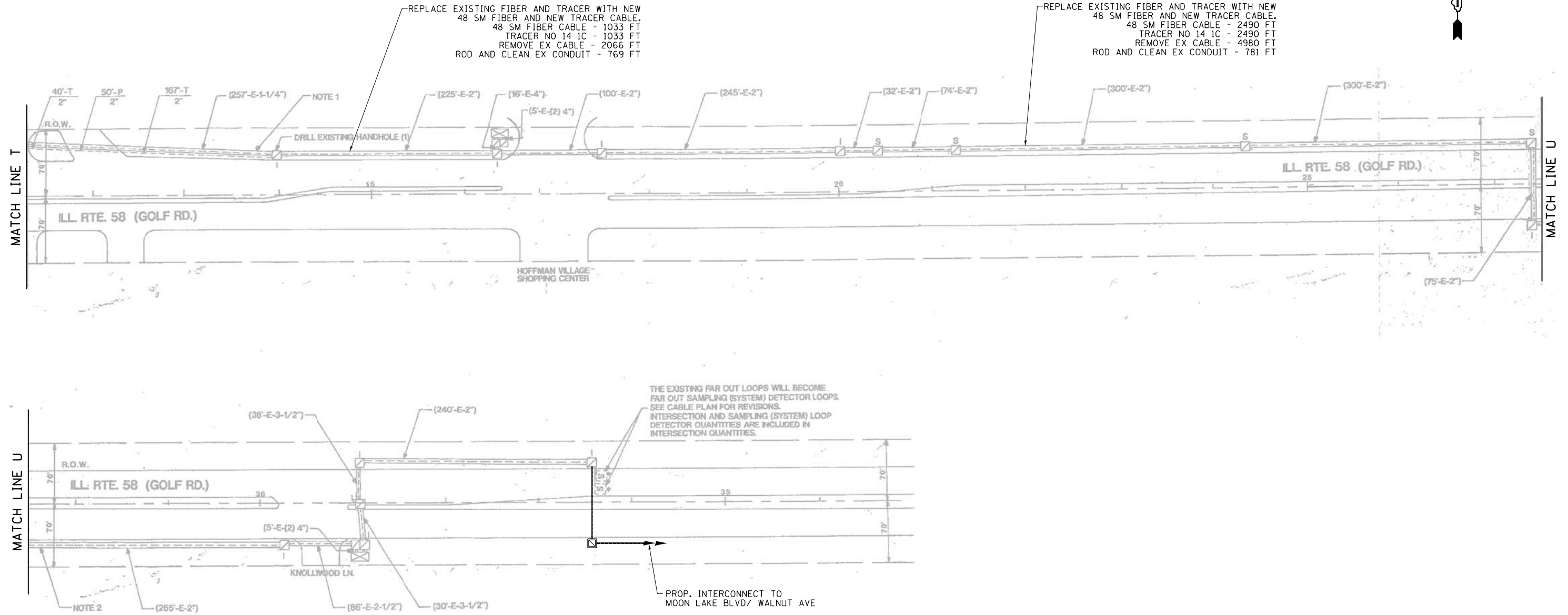
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PLOT DATE = \$DATE\$	CHECKED - MS	REVISED -
	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
BARRINGTON RD AT IL RTE 58 (GOLF RD) AND ST ALEXIUS MEDICAL CENTER
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	224
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

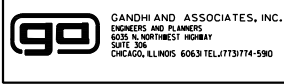
IDOT CENTRACS
FORMER ECON 150



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

IDOT CENTRACS
FORMER ECON 150

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001.CM40 Contracts Phase 2\CADD_Sheets\209_Interconnect Plan for Barrington Rd South to North.Ildgn



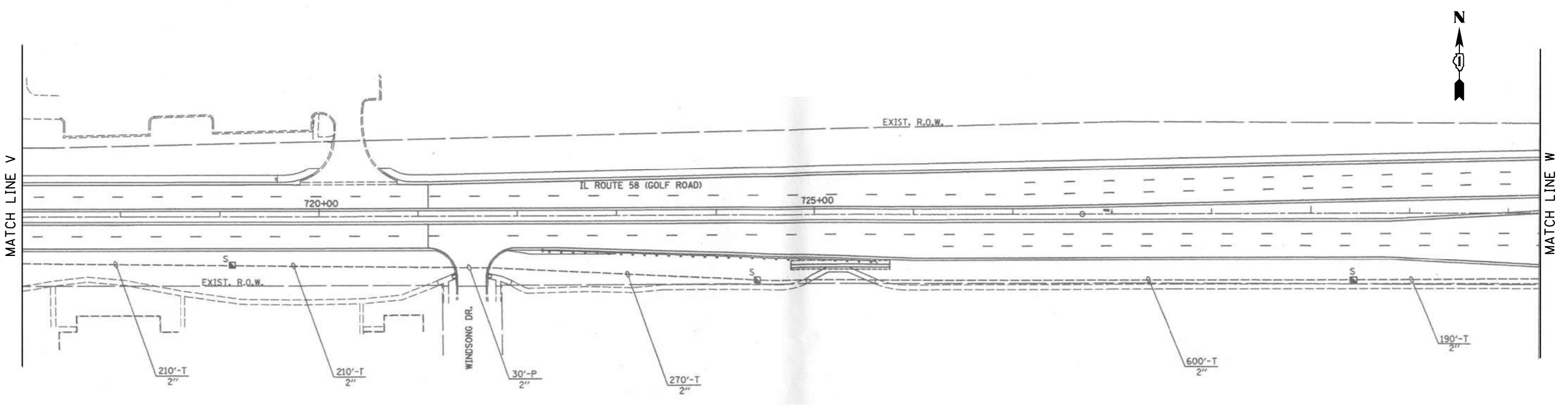
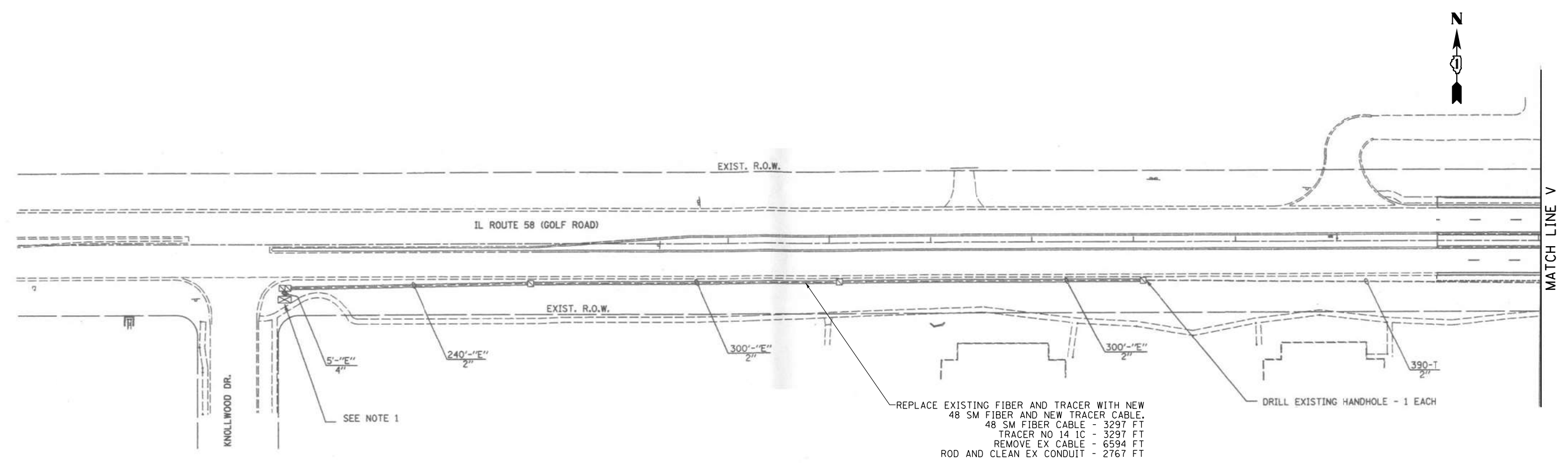
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DRAWN - EA, AV	CHECKED - MS	REVISED -
PLOT SCALE = 100.0000' / in.	DATE - 10/31/2022	REVISED -
PLOT DATE = \$DATE\$		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN			
IL RTE 58 (GOLF RD) AND HOFFMAN EST SC AND KNOLLWOOD DR			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	226
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-502-1001.CM40_Centrac Phase 2\CADD_Sheets\209a_Interconnect Plan For Berrington Rd South to North_12.dgn



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
FORMER ECON 81 & 150**

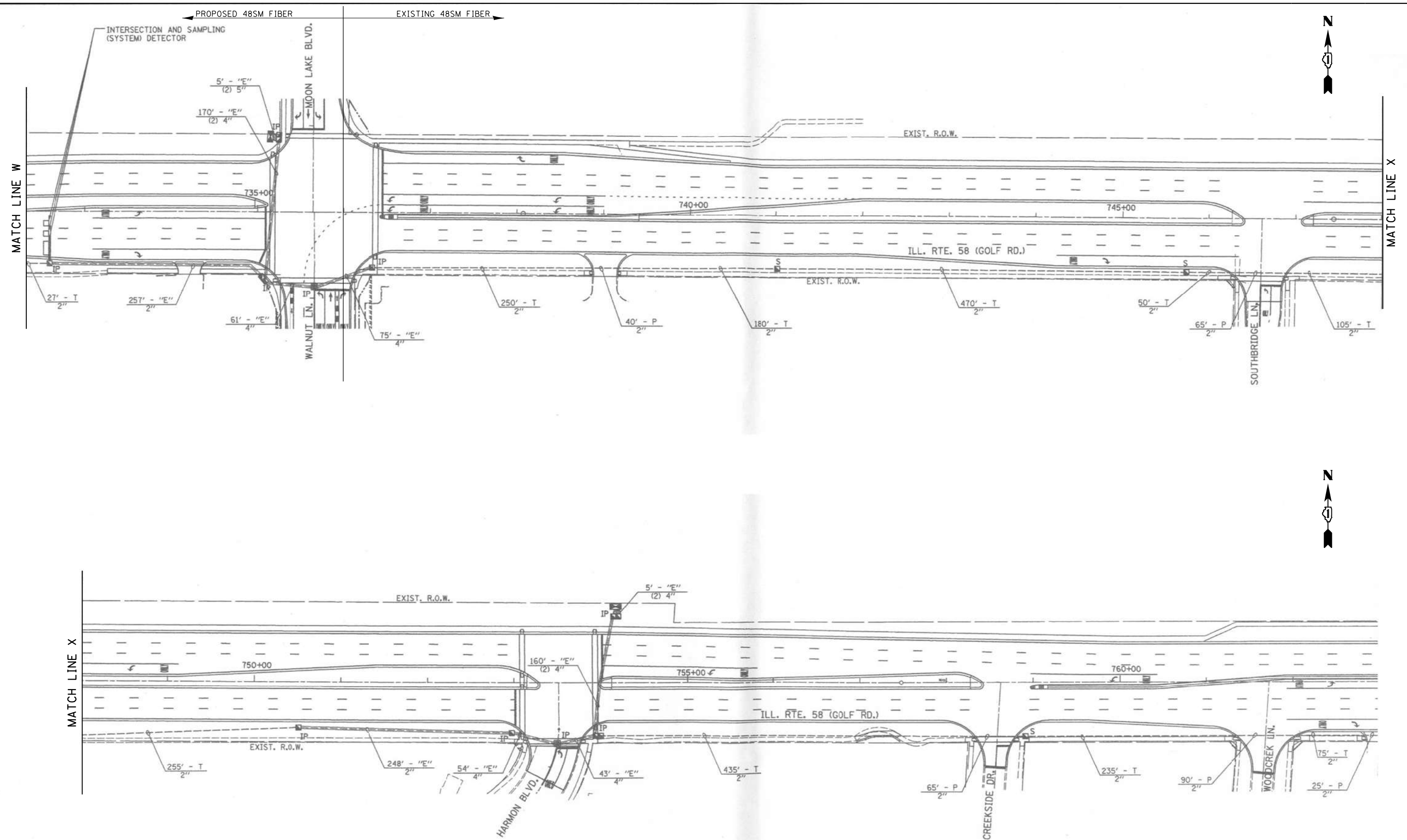
<p>GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 5035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: 773-774-590</p>	USER NAME = \$USER\$	DESIGNED - EA	REVISED -
		DRAWN - EA, AV	REVISED -
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -
	PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING INTERCONNECT PLAN IL RTE 58 (GOLF RD) AT KNOLLWOOD DR			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	227
				CONTRACT NO. 62T54
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-562-1001.CM40_Centrac Phase 2\CADD_Sheets\2099_Interconnect Plan For Berrington Rd South to North.dgn



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
FORMER ECON 81 & 150**

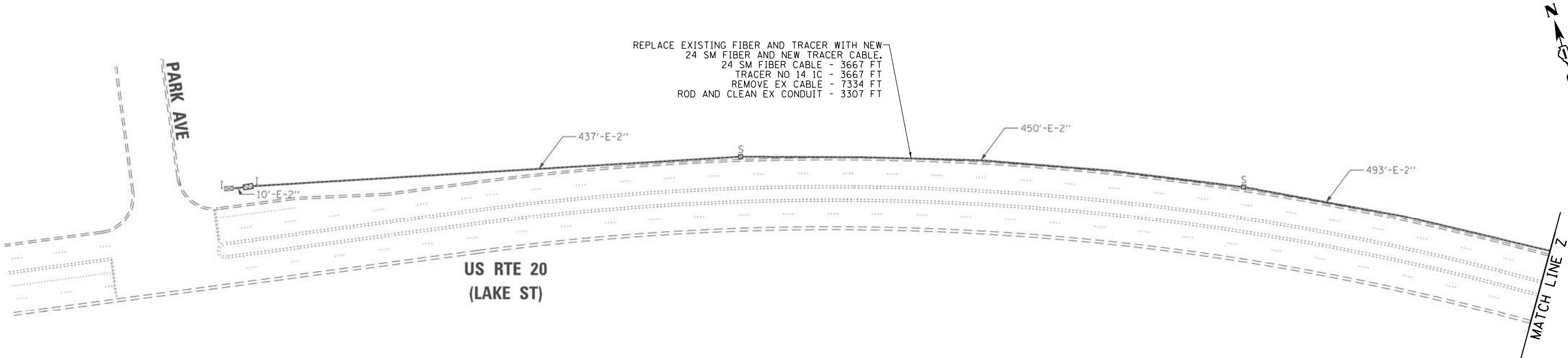
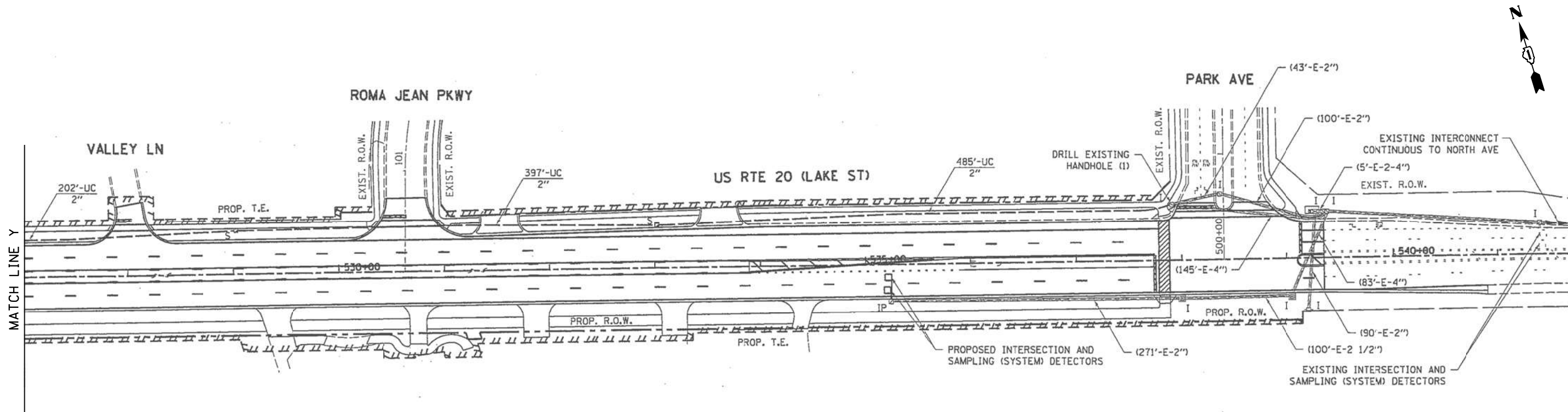


USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
PLOT SCALE = 100.0000' / 1" =	DRAWN - EA, AV	REVISED -
PLOT DATE = \$DATE\$	CHECKED - MS	REVISED -
	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING INTERCONNECT PLAN ILL RTE 58 (GOLF RD) AT MOON LAKE BLVD/WALNUT LN			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	228
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-562-1001-CM40 Contracts Phase 2\CADD_Sheets\211_Interconnect Plan For US-20 West to East_2.dgn



USER NAME = \$USER*	DESIGNED - EA	REVISED -
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DRAWN - EA, AV	REVISED -
CHECKED - MS	REVISED -
DATE - 10/31/2022	REVISED -

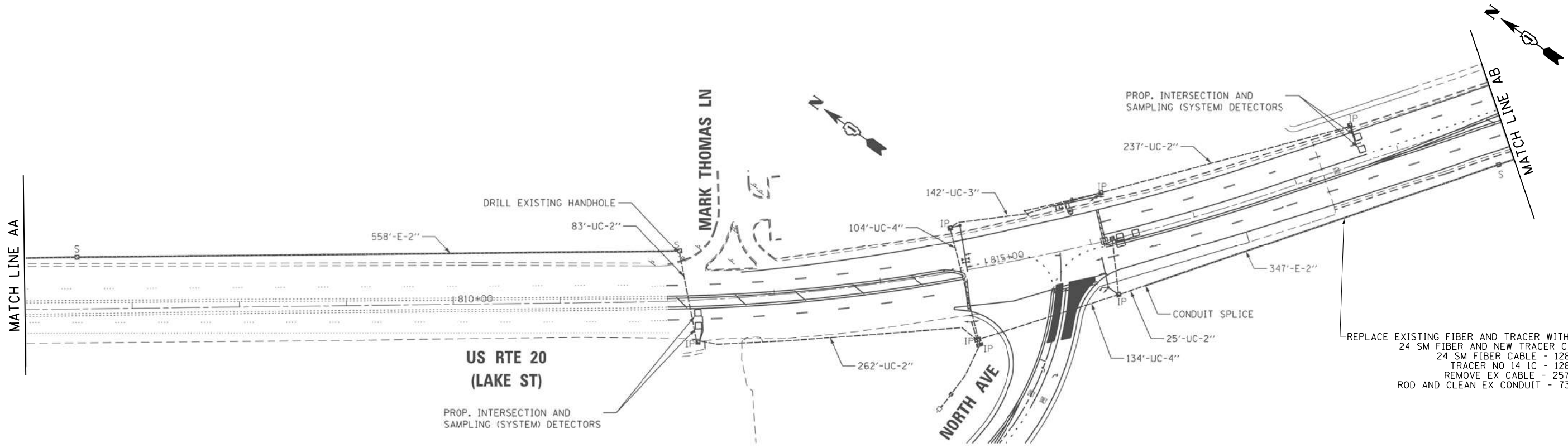
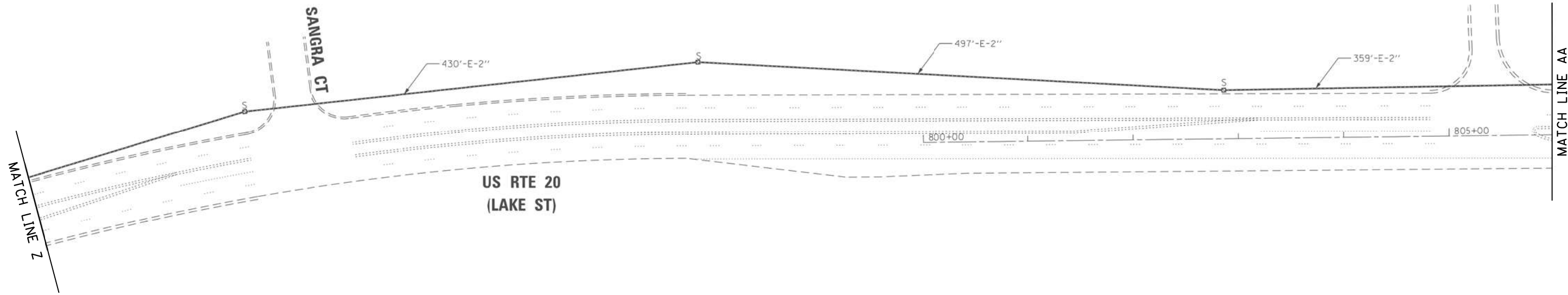
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
US 20 (LAKE ST) AT PARK AVE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	230
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT TACTICS
FORMER EAGLE 5F



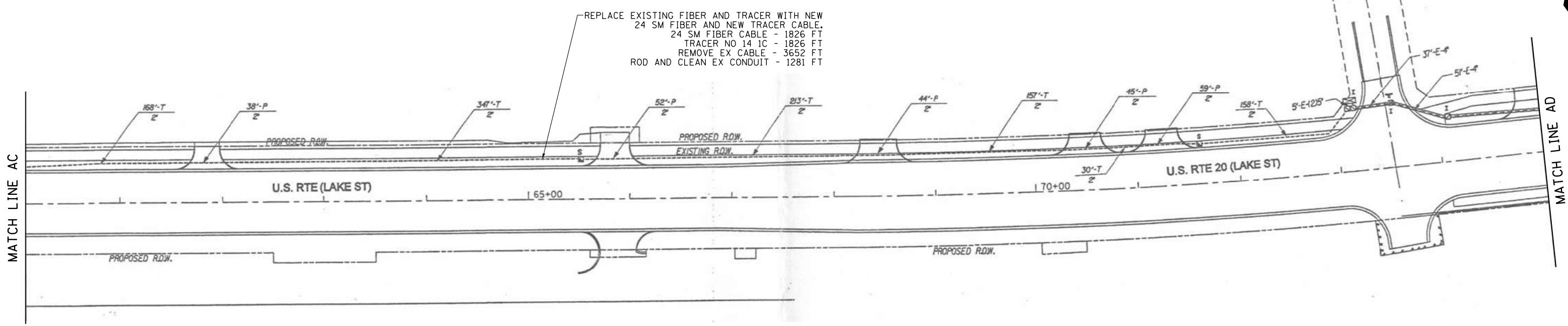
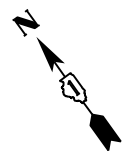
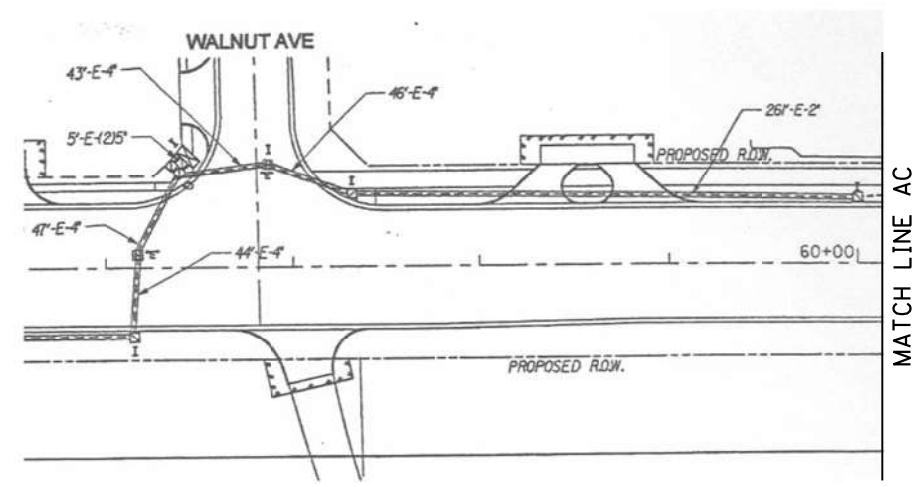
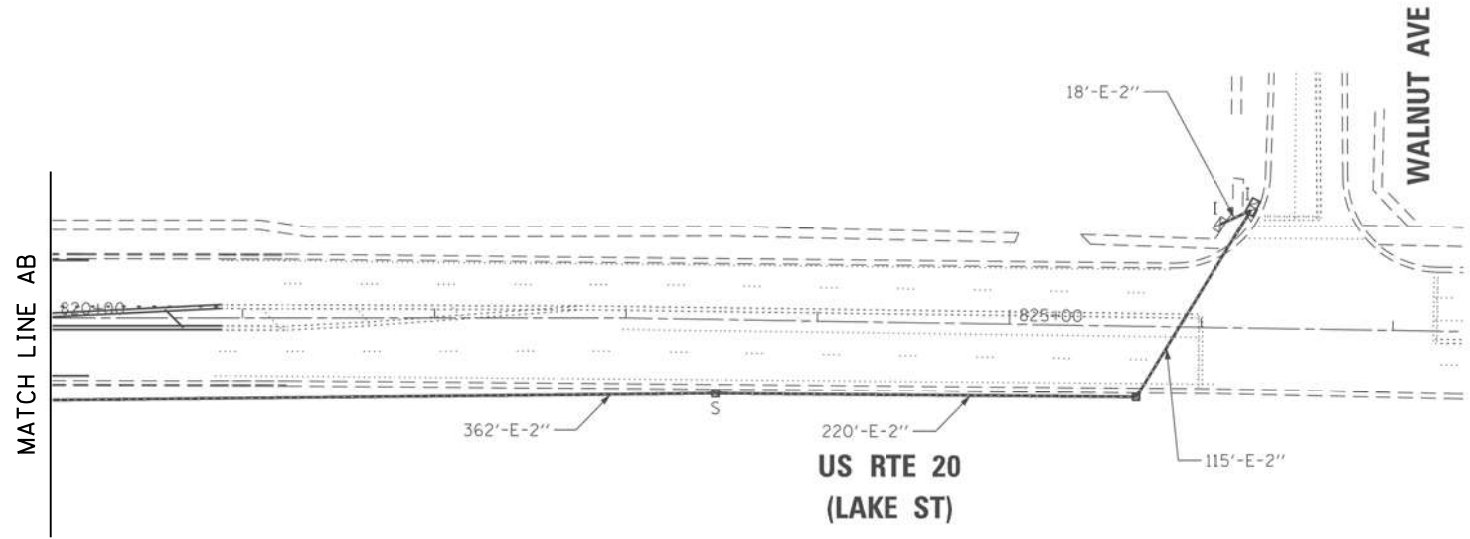
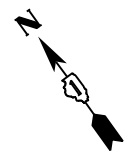
REPLACE EXISTING FIBER AND TRACER WITH NEW
 24 SM FIBER AND NEW TRACER CABLE - 1288 FT
 24 SM FIBER CABLE - 1288 FT
 TRACER NO 14 1C - 1288 FT
 REMOVE EX CABLE - 2576 FT
 ROD AND CLEAN EX CONDUIT - 734 FT

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT TACTICS
FORMER EAGLE 5F**

FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-562-1001.CM40_Contracts\Phase 2\CADD_Sheets\212_Interconnect Plan for US-20 West to East_3.dgn

	GANDHI AND ASSOCIATES, INC. <small>ENGINEERS AND PLANNERS 5035 N. NORTHWEST HIGHWAY SUITE 300 CHICAGO, ILLINOIS 60630 TEL: 773.7174.590</small>	USER NAME = \$USER*	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN US 20 (LAKE ST) AT NORTH AVE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE = 100.0000' / 1" / 10'	CHECKED - MS	REVISED -		REVISED -	VAR.	2023 TRAFFIC 02	VARIOUS	306	231	CONTRACT NO. 62T54	
		PLOT DATE = \$DATE*	DATE - 10/31/2022	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

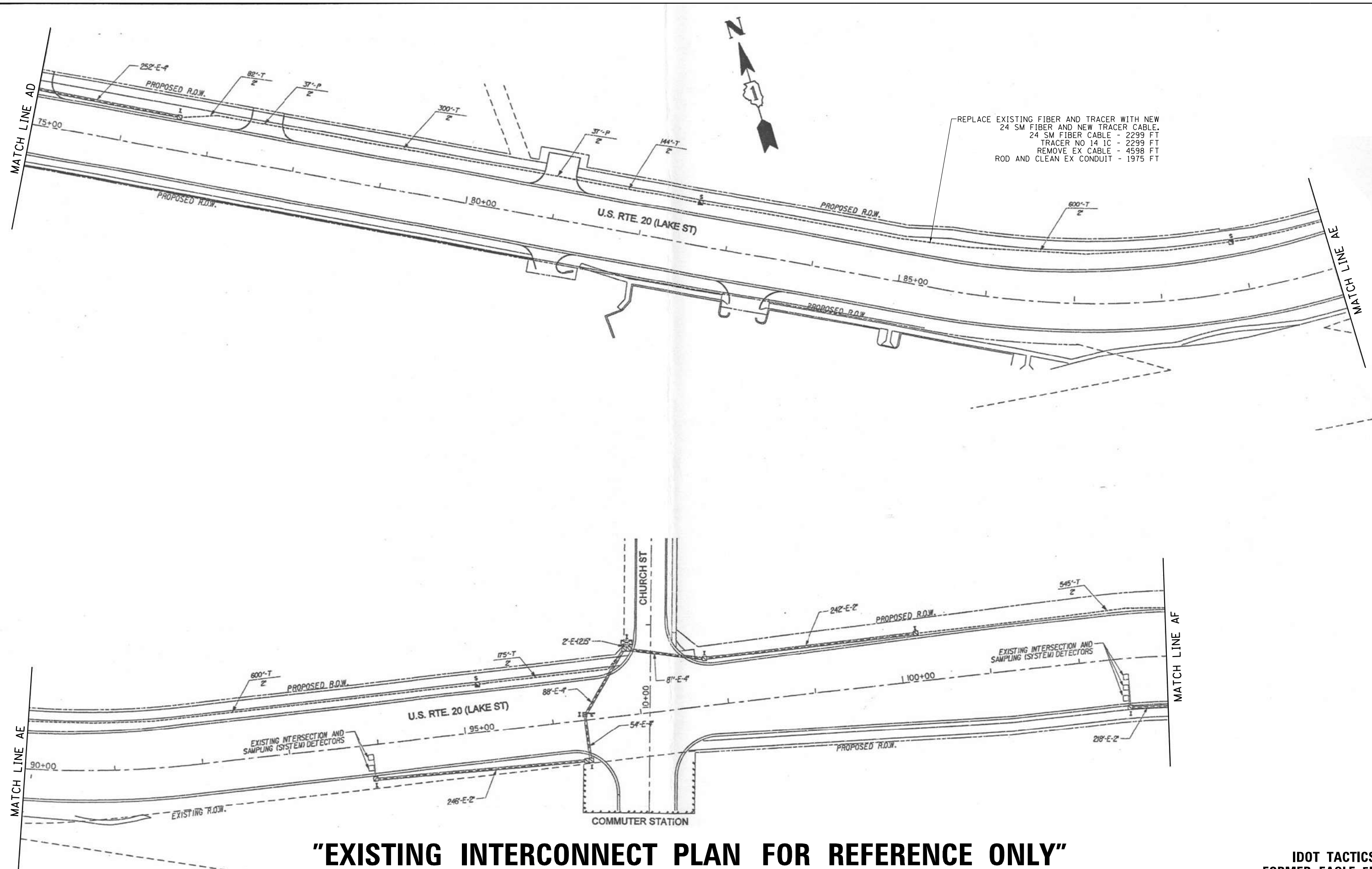
**IDOT TACTICS
FORMER EAGLE 5F**

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-502-1001.CM40 Contracts Phase 2\CADD_Sheets\213_Interconnect Plan for US-20 West to East_4.dgn

 GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: 773.717.5500	USER NAME = \$USER*	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN US 20 (LAKE ST) AT WALNUT AVE AND CENTER AVE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -		VAR.	2023 TRAFFIC 02	VARIOUS	306	232			
PLOT DATE = \$DATE*	DATE - 10/31/2022	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 62T54						
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



REPLACE EXISTING FIBER AND TRACER WITH NEW
 24 SM FIBER AND NEW TRACER CABLE.
 24 SM FIBER CABLE - 2299 FT
 TRACER NO 14 IC - 2299 FT
 REMOVE EX CABLE - 4598 FT
 ROD AND CLEAN EX CONDUIT - 1975 FT



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-592-1001.CM40 Contracts Phase 2\CADD_Sheets\214_Interconnect Plan for US-20 West to East_5.dgn



USER NAME = \$USER\$	DESIGNED - EA	REVISED -
PLOT SCALE = 100.0000' / 1" =	DRAWN - EA, AV	REVISED -
PLOT DATE = \$DATE\$	CHECKED - MS	REVISED -
	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
 US 20 (LAKE ST) AT CHURCH ST

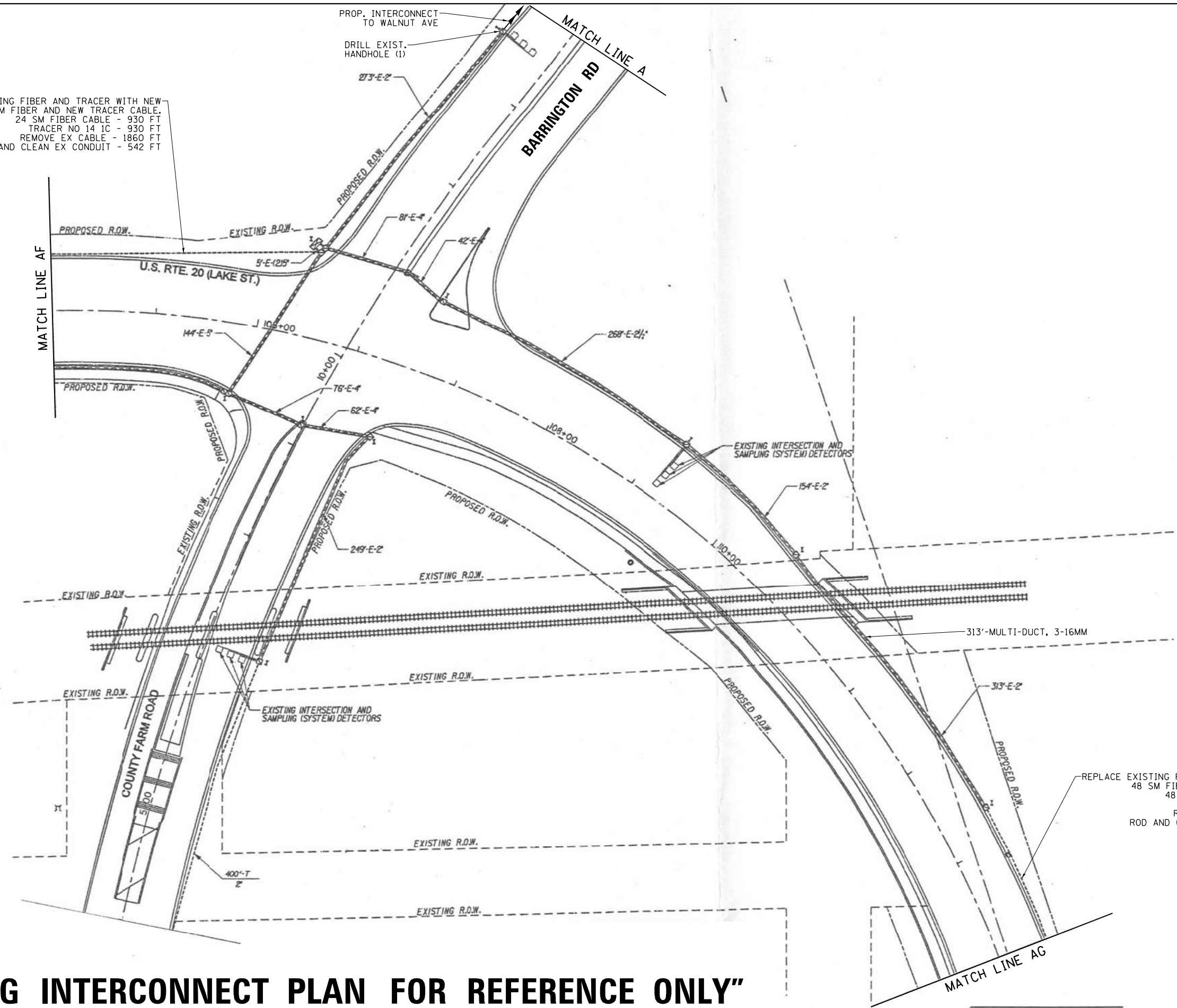
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	233
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT TACTICS
 FORMER EAGLE 5F



REPLACE EXISTING FIBER AND TRACER WITH NEW
 24 SM FIBER AND NEW TRACER CABLE.
 24 SM FIBER CABLE - 930 FT
 TRACER NO 14 1C - 930 FT
 REMOVE EX CABLE - 1860 FT
 ROD AND CLEAN EX CONDUIT - 542 FT



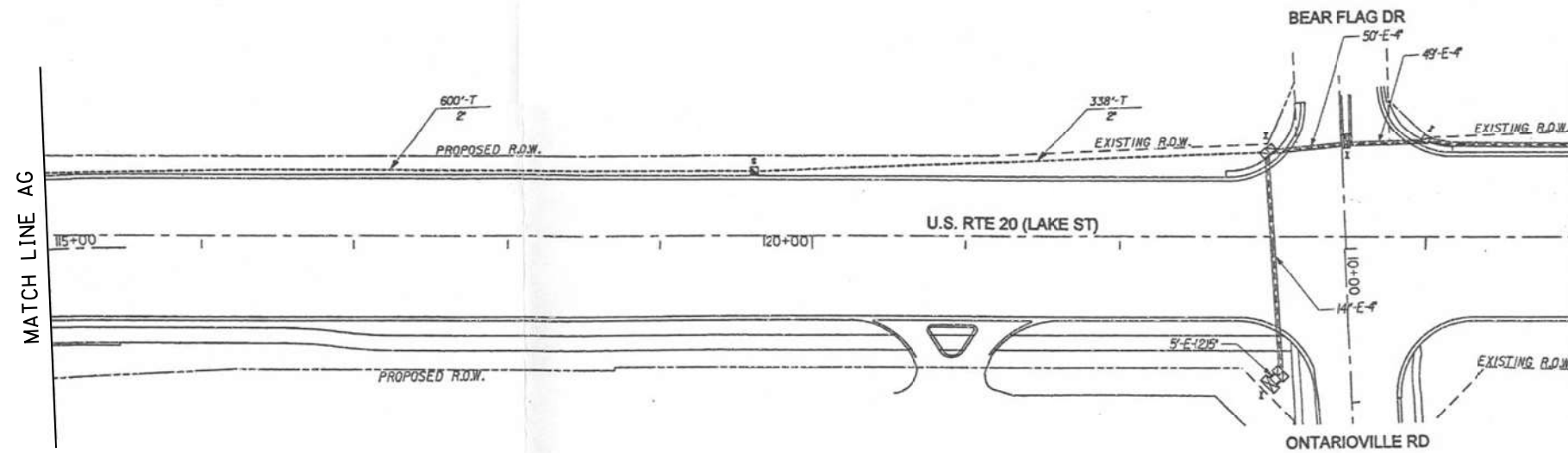
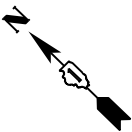
REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 2035 FT
 TRACER NO 14 1C - 2035 FT
 REMOVE EX CABLE - 4070 FT
 ROD AND CLEAN EX CONDUIT - 938 FT

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

FILE NAME = K:\PROJECTS\Projects_2022\22-ESR-502-1001.CM40_Contracts Phase 2\CADD_Sheets\215_Interconnect Plan for US-20 West to East.dgn

GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 300 CHICAGO, ILLINOIS 60630 TEL: 773-774-5900	USER NAME = \$USER\$	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN US 20 (LAKE ST) AT BARRINGTON RD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -		REVISED -	SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	VAR.	2023 TRAFFIC 02	VARIOUS
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -	REVISED -					CONTRACT NO. 62T54		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			

**IDOT TACTICS
FORMER EAGLE 5F**



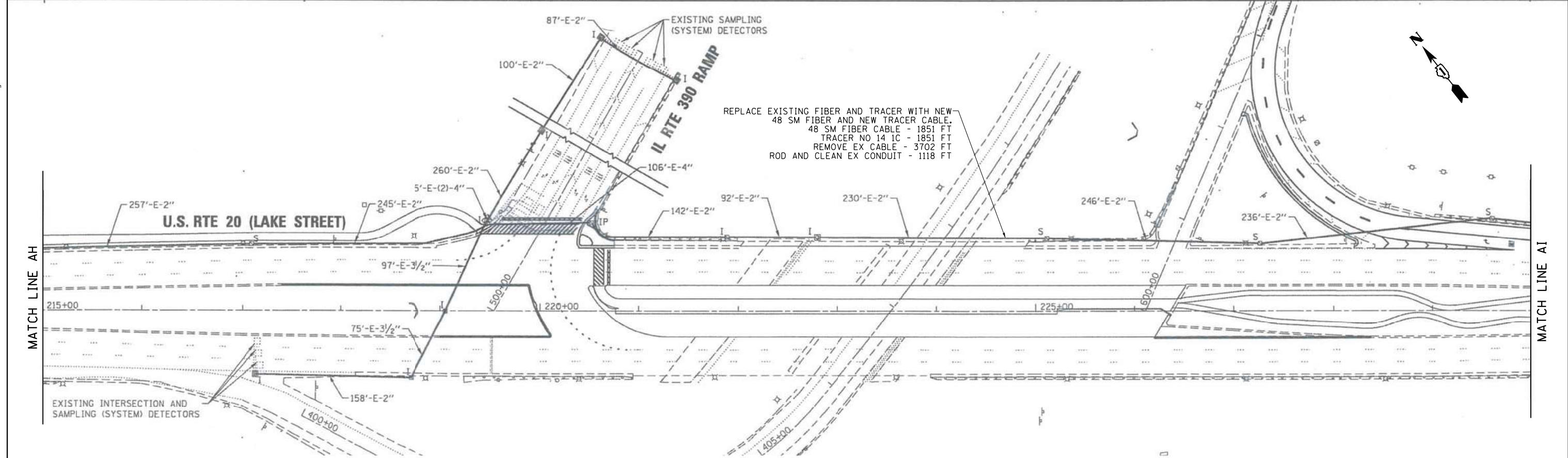
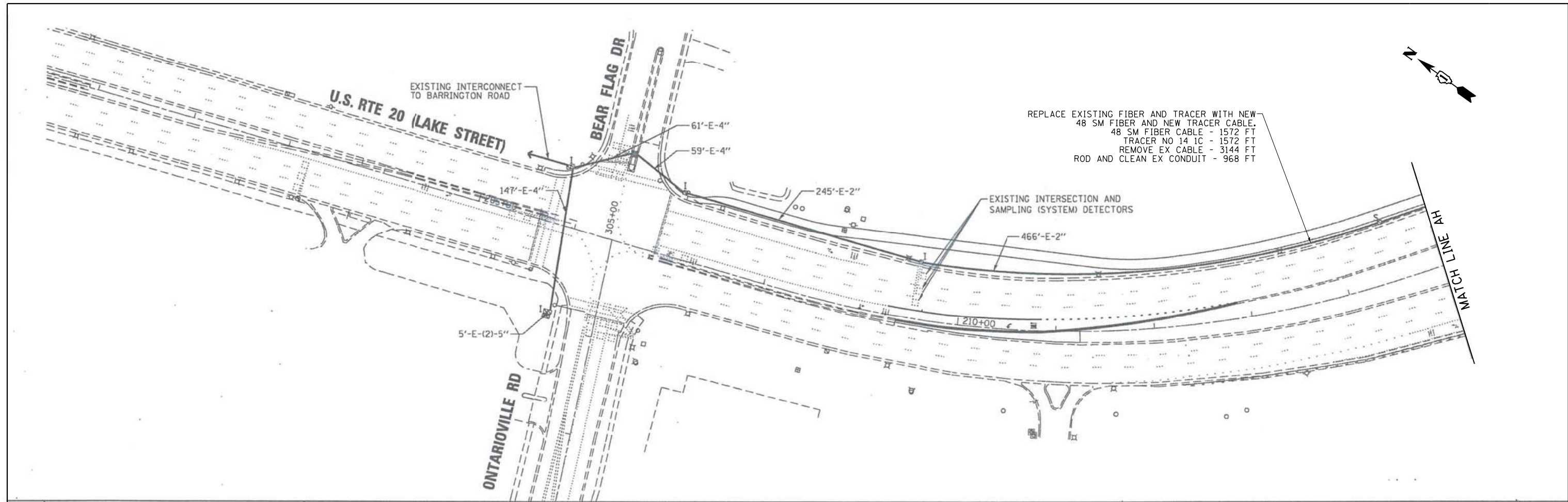
"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT TACTICS
FORMER EAGLE 5F**

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001.CM40 Contracts Phase 2\CADD_Sheets\216_Interconnect Plan for US-20 West to East_7.dgn

 GANDHI AND ASSOCIATES, INC. <small>ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: (773) 774-590</small>	USER NAME = \$USER\$	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN US 20 (LAKE ST) AT BEAR FLAG DR				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	DRAWN - EA, AV	REVISED -		VAR.	2023 TRAFFIC 02	VARIOUS	306	235				
PLOT DATE = \$DATE\$	CHECKED - MS	REVISED -					CONTRACT NO. 62T54						
	DATE - 10/31/2022	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-592-1001.CM40_Contracts Phase 2\CADD_Sheets\217_Interconnect Plan for US-20 West to East_B.dgn

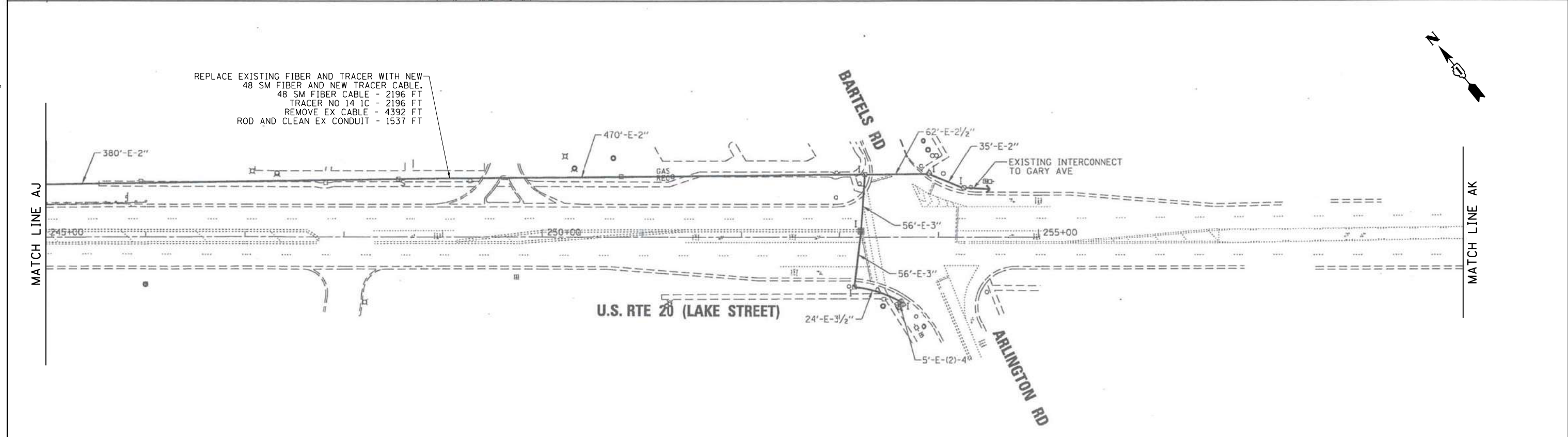
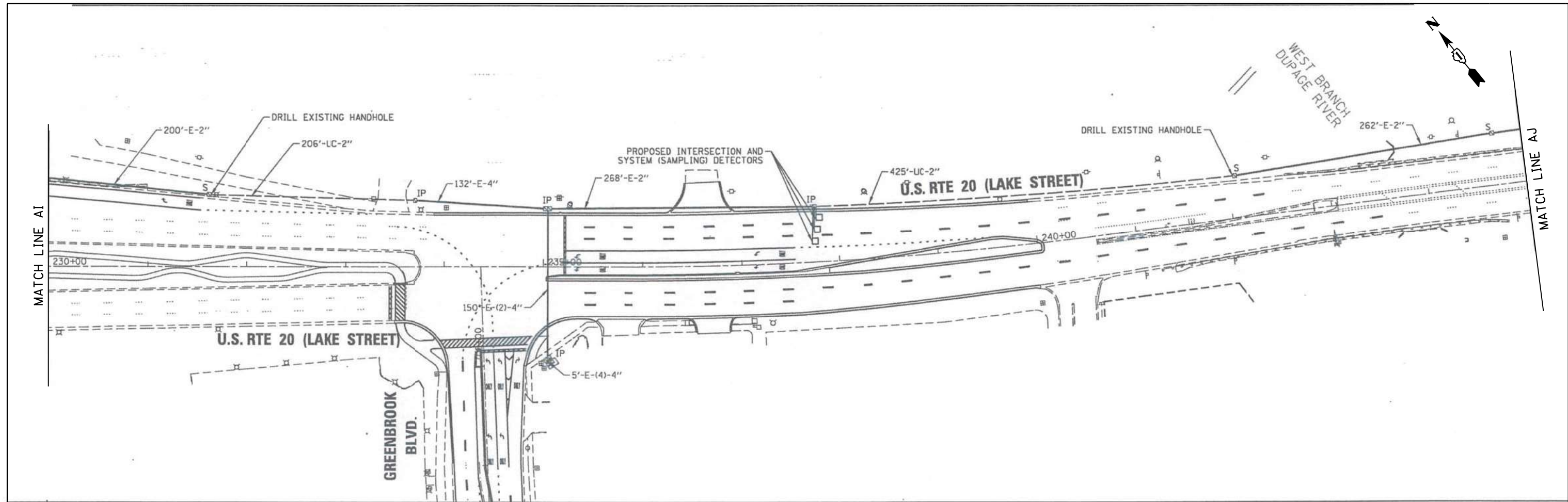


"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT TACTICS
FORMER EAGLE 5F**

	USER NAME = \$USER\$	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN US 20 (LAKE ST) AT BEAR FLAG DR AND IL RTE 390 RAMP	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" / 10'	CHECKED - MS	REVISED -			VAR.	2023 TRAFFIC 02	VARIOUS	306	236
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -	REVISED -	SCALE:	SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-562-1001.CM40 Contracts Phase 2\CADD_Sheets\218_Interconnect Plan for US-20 West to East_9.dgn

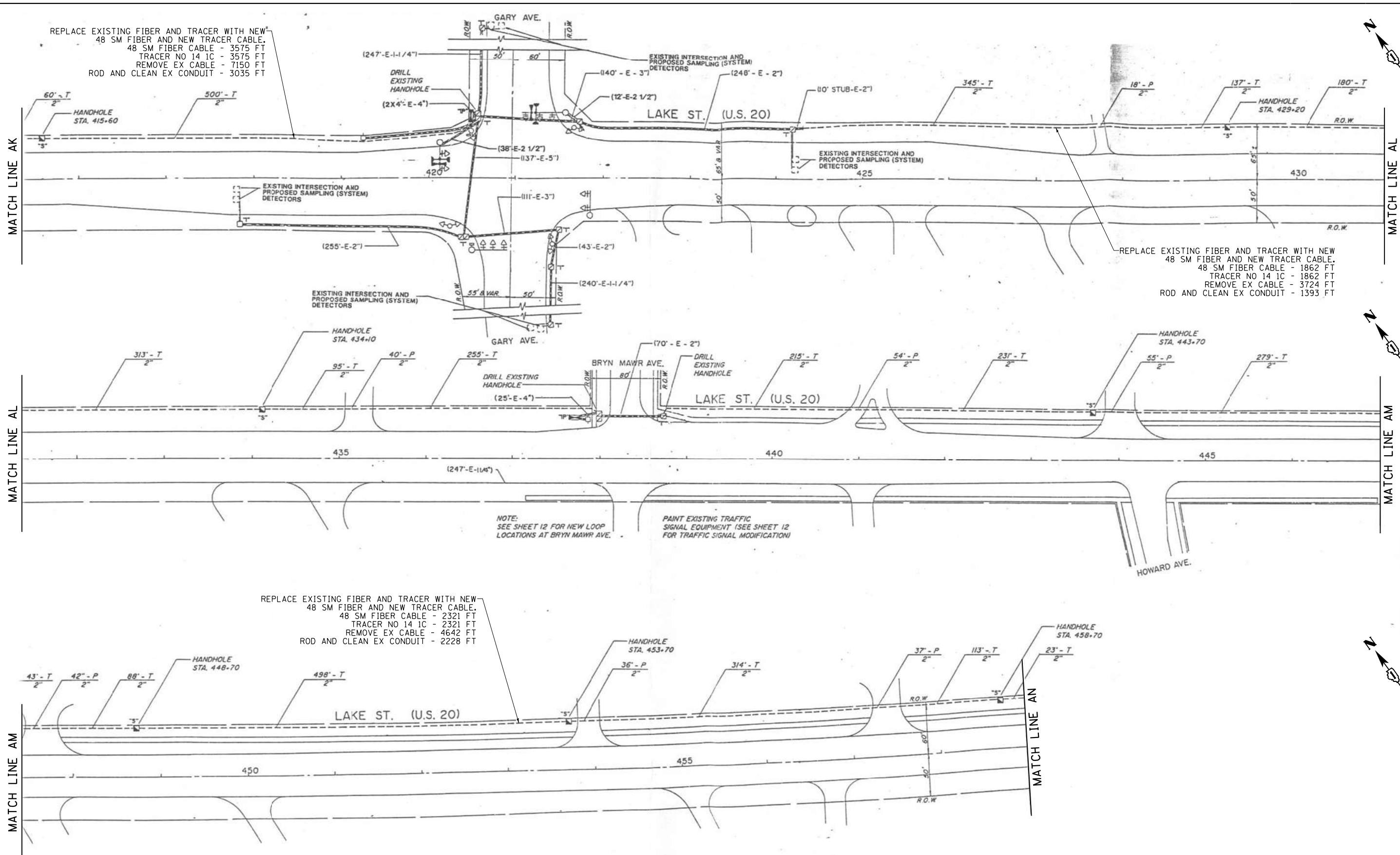


"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT TACTICS
FORMER EAGLE 5F**

<p>GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: 773-774-590</p>	USER NAME = \$USER\$	DESIGNED - EA	REVISED -	<p align="center">STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</p>	<p align="center">EXISTING INTERCONNECT PLAN US 20 (LAKE ST) AT GREENBROOK BLVD AND BARTELS RD</p>			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -					VAR.	2023 TRAFFIC 02	VARIOUS	306	237
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -	REVISED -	SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	<p align="center">CONTRACT NO. 62T54</p> <p align="center">FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT</p>			

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001.CM40_Contracts Phase 2\CADD_Sheets\219_Interconnect Plan for US-20 West to East_10.dgn



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 3575 FT
 TRACER NO 14 IC - 3575 FT
 REMOVE EX CABLE - 7150 FT
 ROD AND CLEAN EX CONDUIT - 3035 FT

REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 1862 FT
 TRACER NO 14 IC - 1862 FT
 REMOVE EX CABLE - 3724 FT
 ROD AND CLEAN EX CONDUIT - 1393 FT

REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 2321 FT
 TRACER NO 14 IC - 2321 FT
 REMOVE EX CABLE - 4642 FT
 ROD AND CLEAN EX CONDUIT - 2228 FT

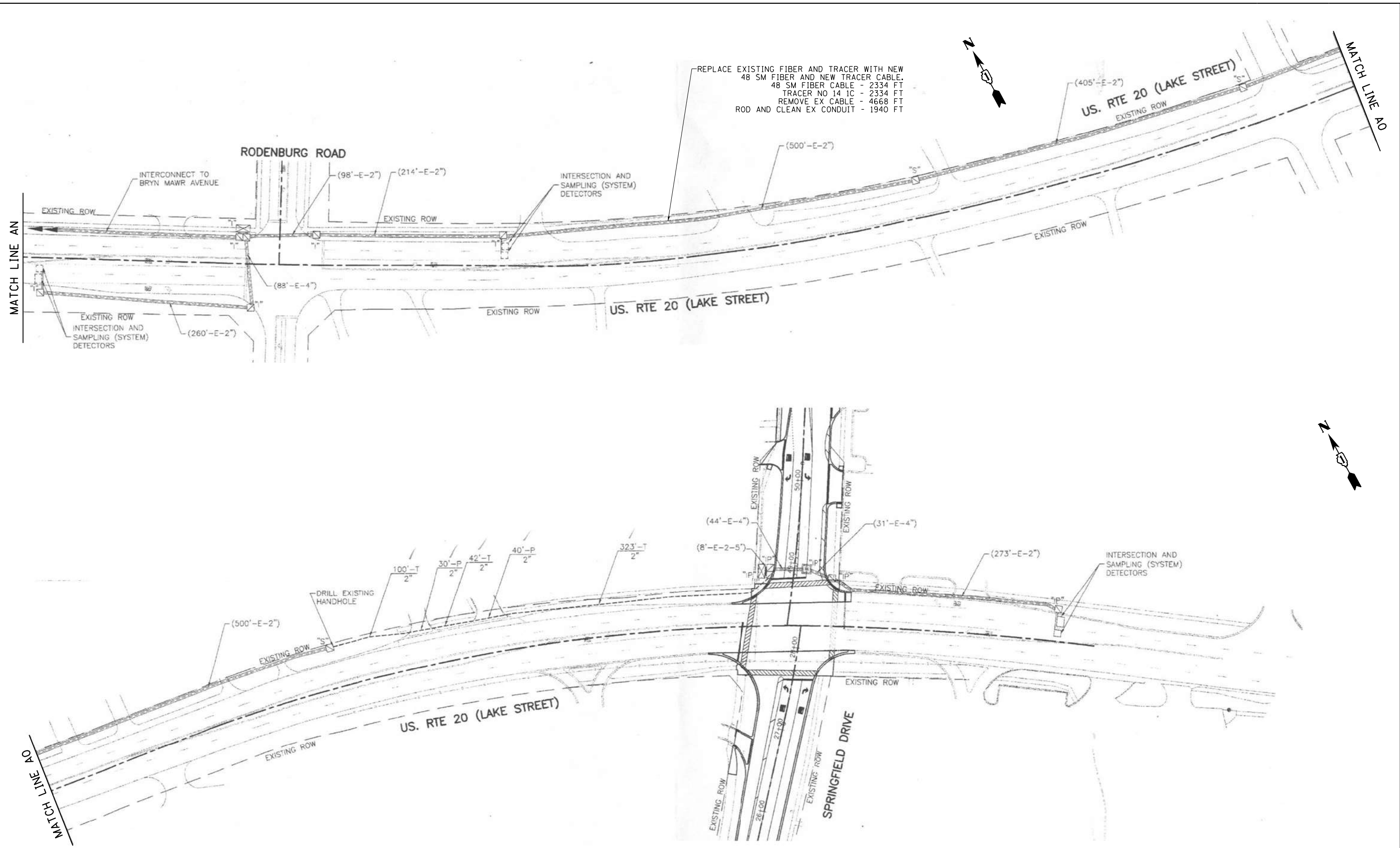
NOTE:
 SEE SHEET 12 FOR NEW LOOP
 LOCATIONS AT BRYN MAWR AVE.

PAINT EXISTING TRAFFIC
 SIGNAL EQUIPMENT (SEE SHEET 12
 FOR TRAFFIC SIGNAL MODIFICATION)

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

IDOT TACTICS
 FORMER EAGLE 5F

GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 300 CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900	USER NAME = \$USER\$	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN US 20 (LAKE ST) AT GARY AVE AND BRYN MAWR AVE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.	VAR.	2023 TRAFFIC 02	VARIOUS	306
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -					CONTRACT NO. 62T54 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

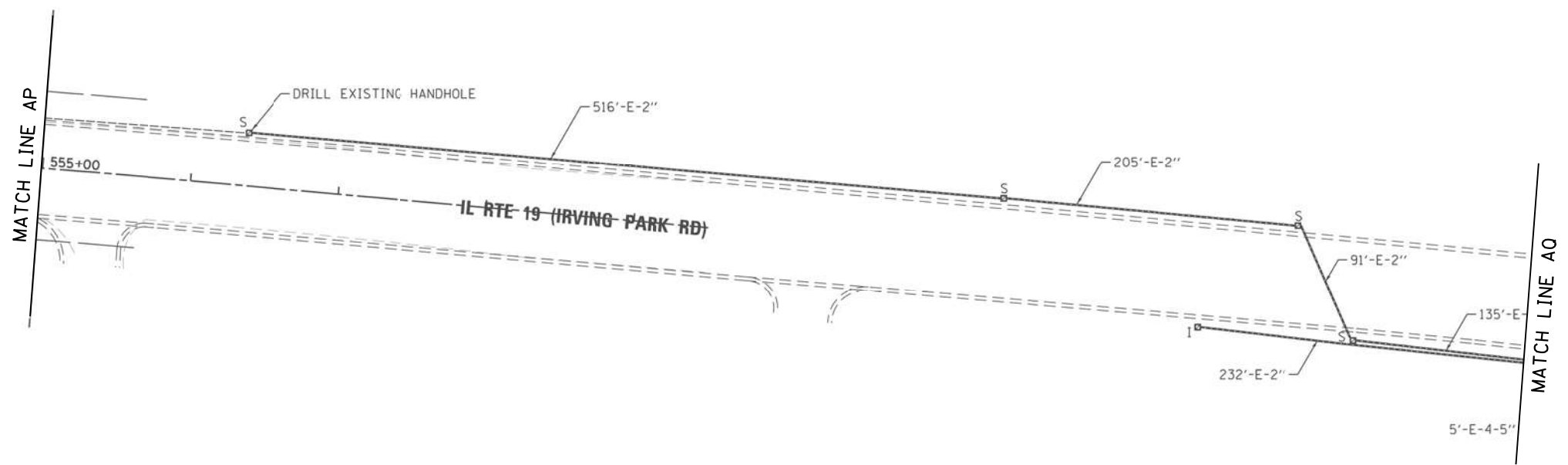
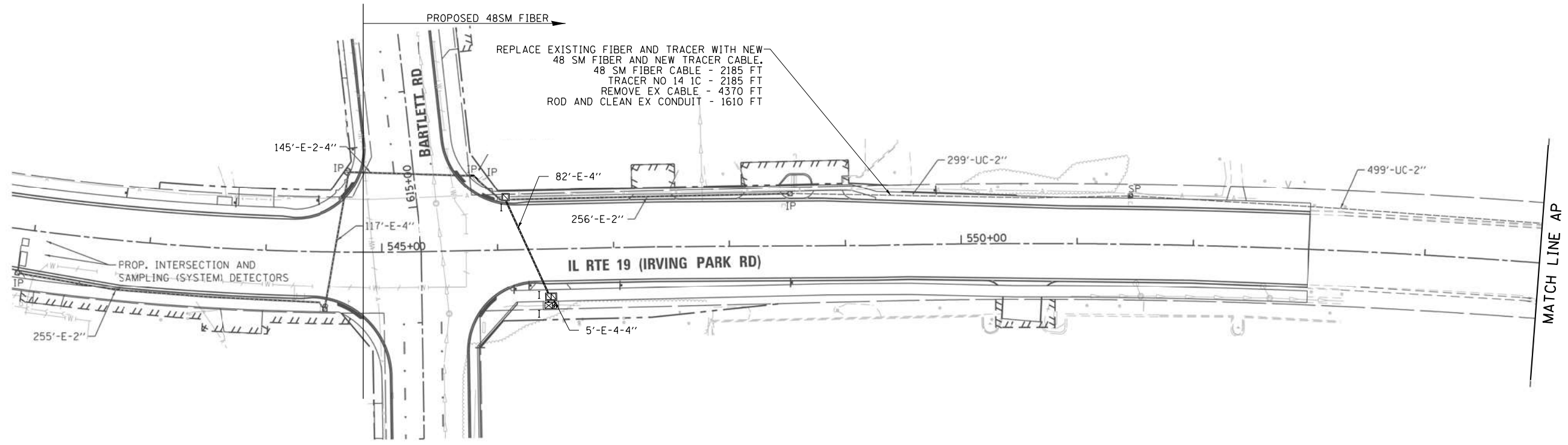


"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT TACTICS
FORMER EAGLE 5F**

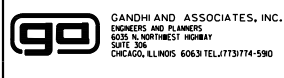
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GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900	USER NAME = \$USER*	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN US 20 (LAKE ST) AT RODENBURG RD AND SPRINGFIELD DR				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -		VAR.	2023 TRAFFIC 02	VARIOUS	306	239				
PLOT DATE = \$DATE*	DATE - 10/31/2022	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.				CONTRACT NO. 62T54						
									FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-562-1001.CM40_Centracs Phase 2\CADD_Sheets\221_Interconnect Plan for IL-19 West to East.dgn



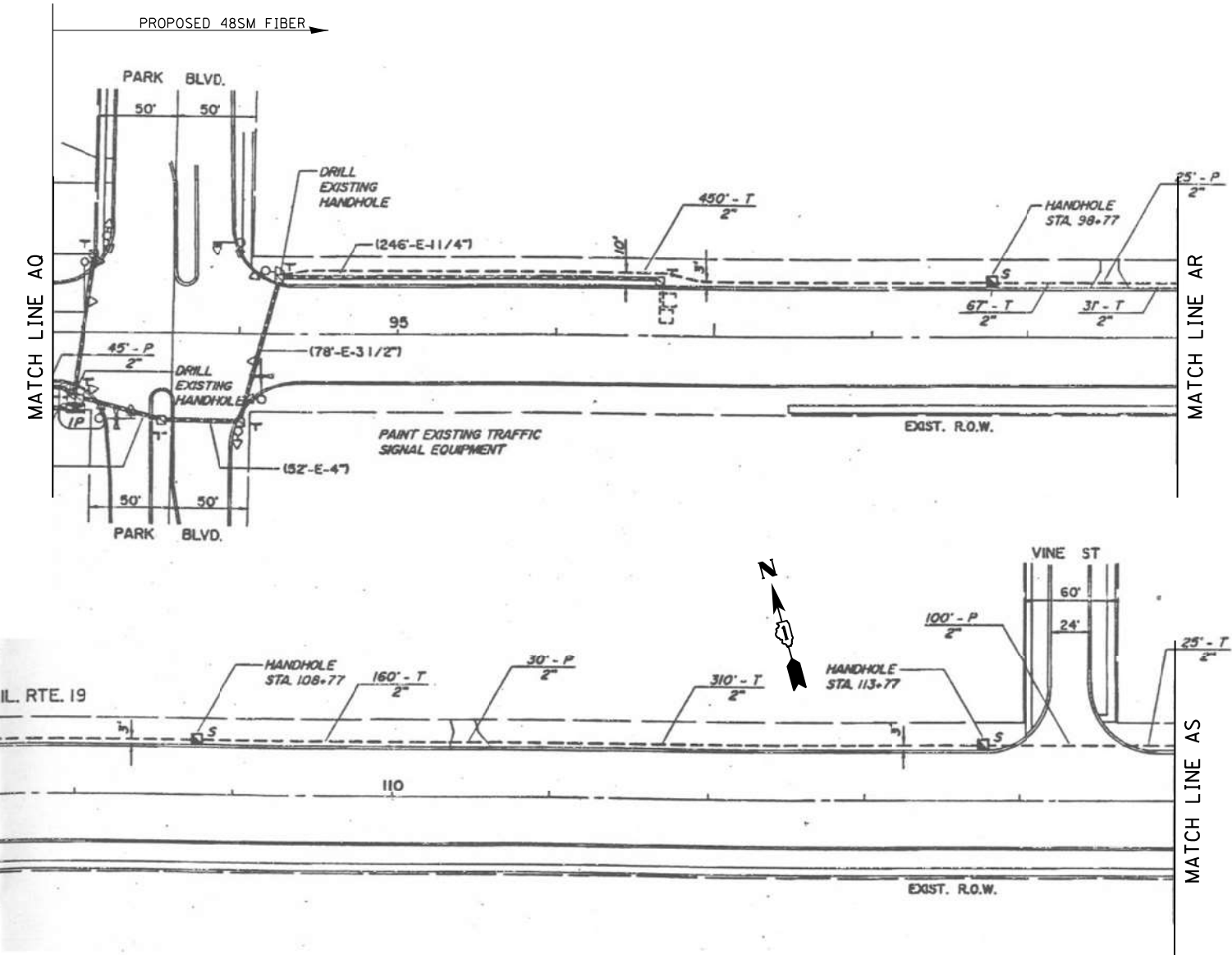
USER NAME = \$USER\$	DESIGNED - EA	REVISED -
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	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

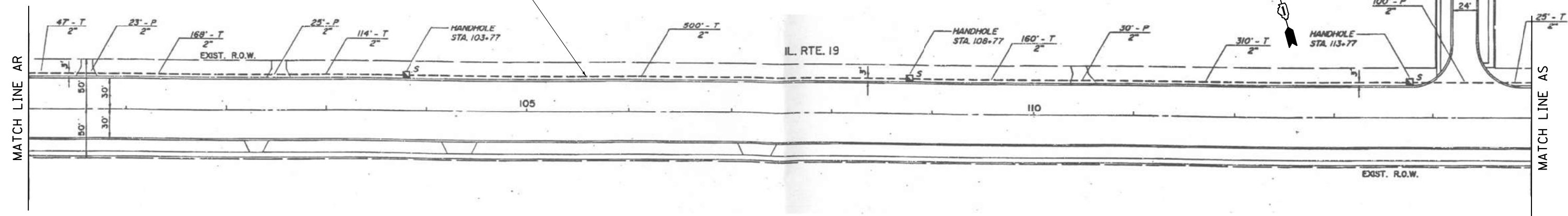
EXISTING INTERCONNECT PLAN			
IL 19 (IRVING PARK RD) AT BARTLETT RD AND PARK BLVD			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	240
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
 FORMER ECON 158



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE,
 48 SM FIBER CABLE - 2326 FT
 TRACER NO 14 1C - 2326 FT
 REMOVE EX CABLE - 4652 FT
 ROD AND CLEAN EX CONDUIT - 2075 FT



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-562-1001.CM40_Centracs Phase 2\CADD_Sheets\222_Interconnect Plan for IL-19 West to East_2.dgn



USER NAME = \$USER*	DESIGNED - EA	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MS	REVISED -
PLOT DATE = \$DATE*	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

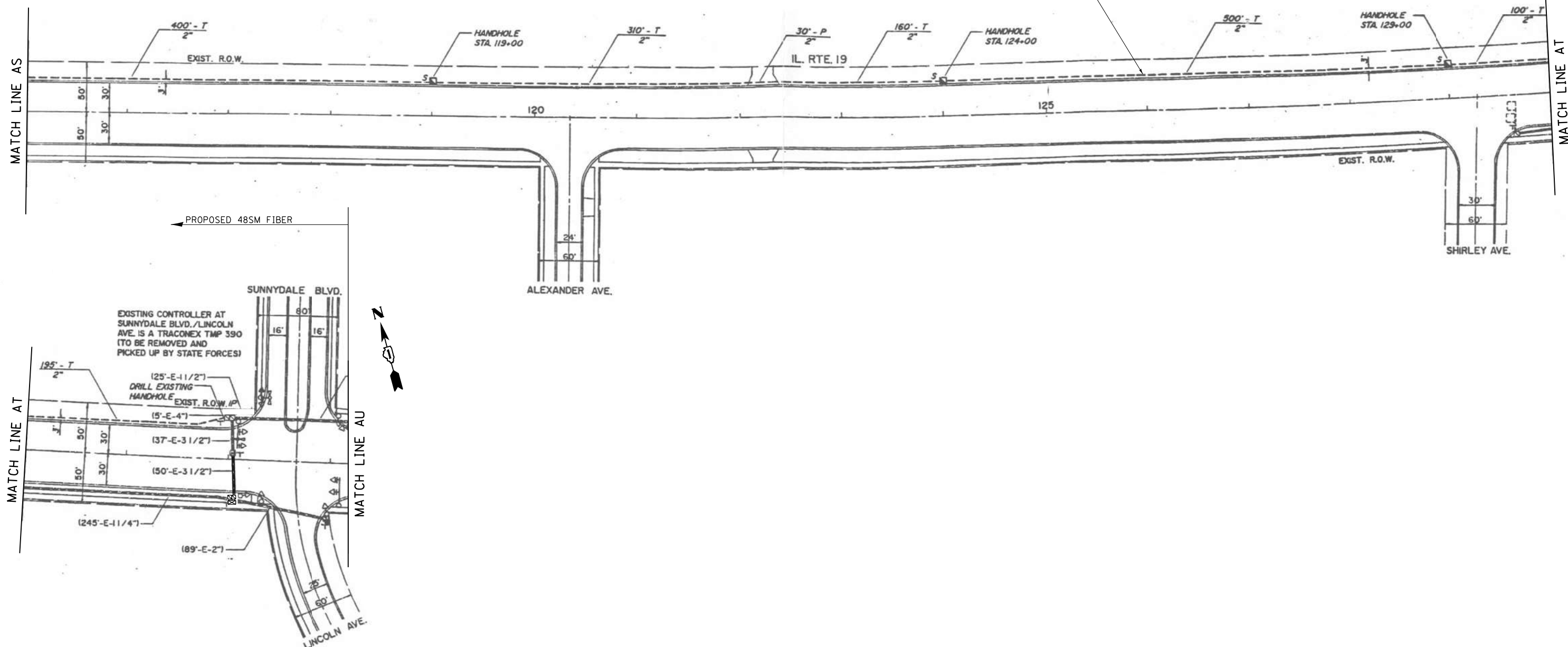
EXISTING INTERCONNECT PLAN IL 19 (IRVING PARK RD) AT PARK BLVD			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	241
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
 FORMER ECON 158



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 1844 FT
 TRACER NO 14 1C - 1844 FT
 REMOVE EX CABLE - 3688 FT
 ROD AND CLEAN EX CONDUIT - 1695 FT



EXISTING CONTROLLER AT SUNNYDALE BLVD./LINCOLN AVE. IS A TRACONEX TMP 390 (TO BE REMOVED AND PICKED UP BY STATE FORCES)

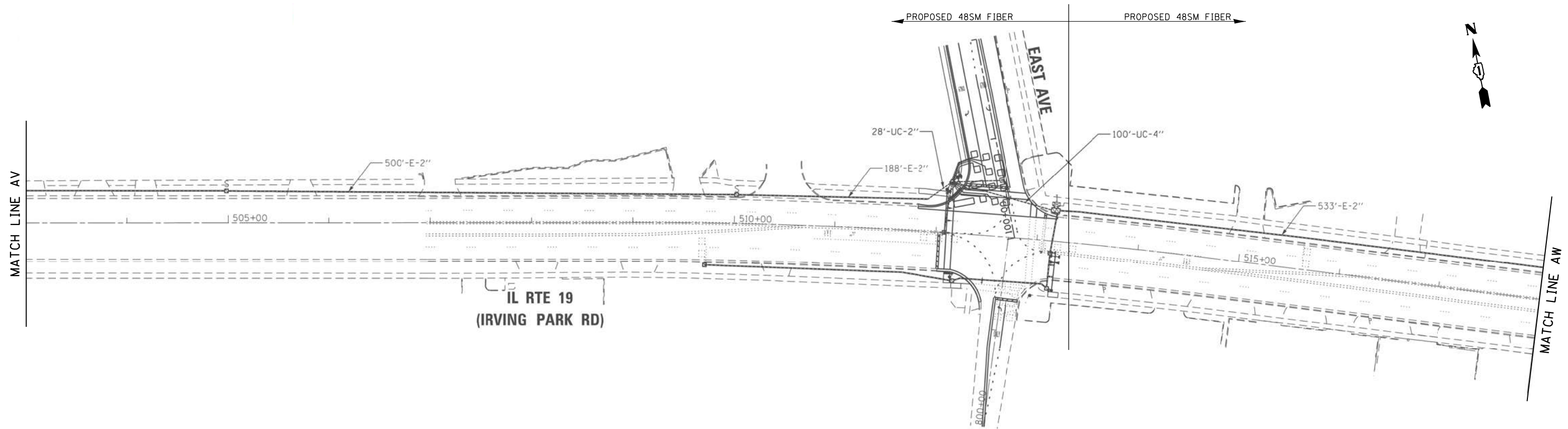
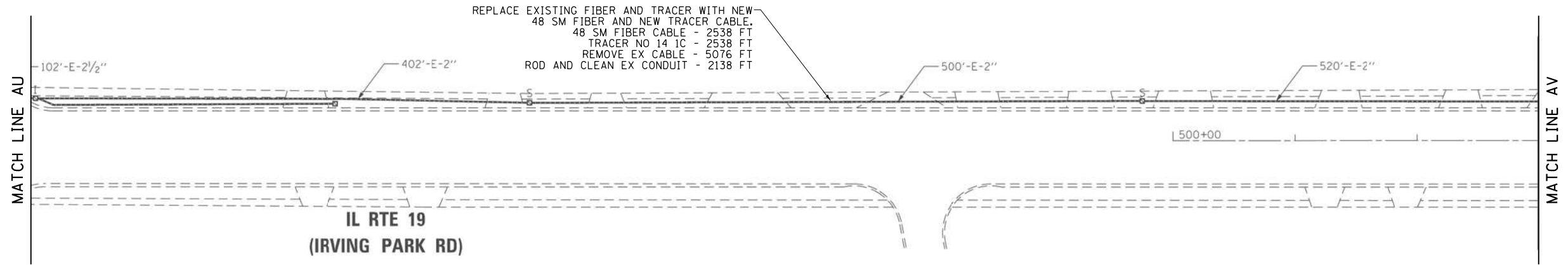
"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
 FORMER ECON 158**

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001.CM40 Centracis Phase 2\CADD_Sheets\223-Interconnect Plan for IL-19 West to East.dgn

GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900	USER NAME = \$USER\$	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN IL 19 (IRVING PARK RD) AT SUNNYDALE BLVD /LINCOLN AVE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -									CONTRACT NO. 62T54		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT													

FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-562-1001.CM40_Centracs Phase 2\CADD_Sheets\224_Interconnect Plan for IL-19 West to East.dgn



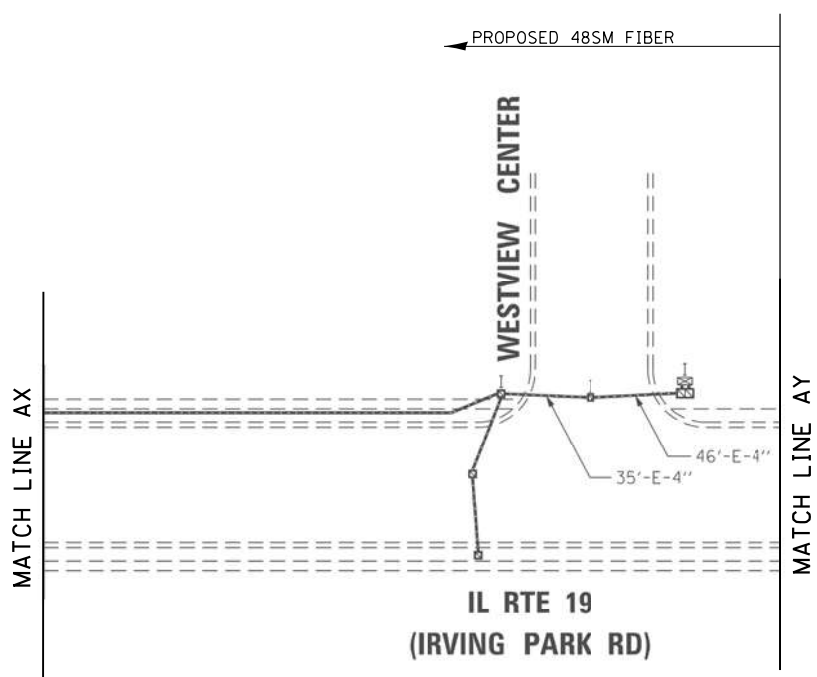
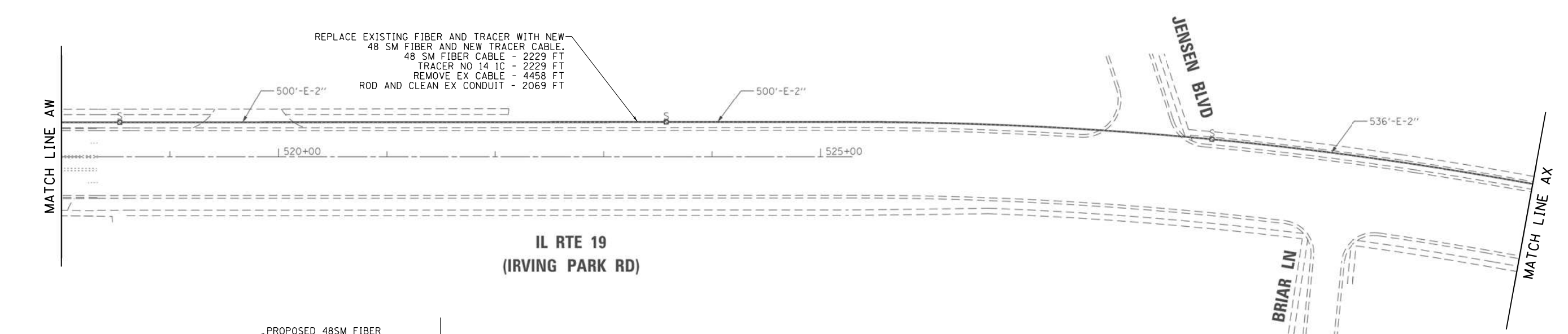
"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
FORMER ECON 158**

 GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900	USER NAME = \$USER\$	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN IL 19 (IRVING PARK RD) AT SUNNYDALE BLVD AND EAST AVE				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -		DATE - 10/31/2022	REVISED -	SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	VAR.	2023 TRAFFIC 02	VARIOUS
PLOT DATE = \$DATE\$											CONTRACT NO. 62T54			
											FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 2229 FT
 TRACER NO 14 1C - 2229 FT
 REMOVE EX CABLE - 4458 FT
 ROD AND CLEAN EX CONDUIT - 2069 FT



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001_CMAQ_Centrac Phase 2\CADD_Sheets\225_Interconnect Plan for IL-19 West to East.dgn



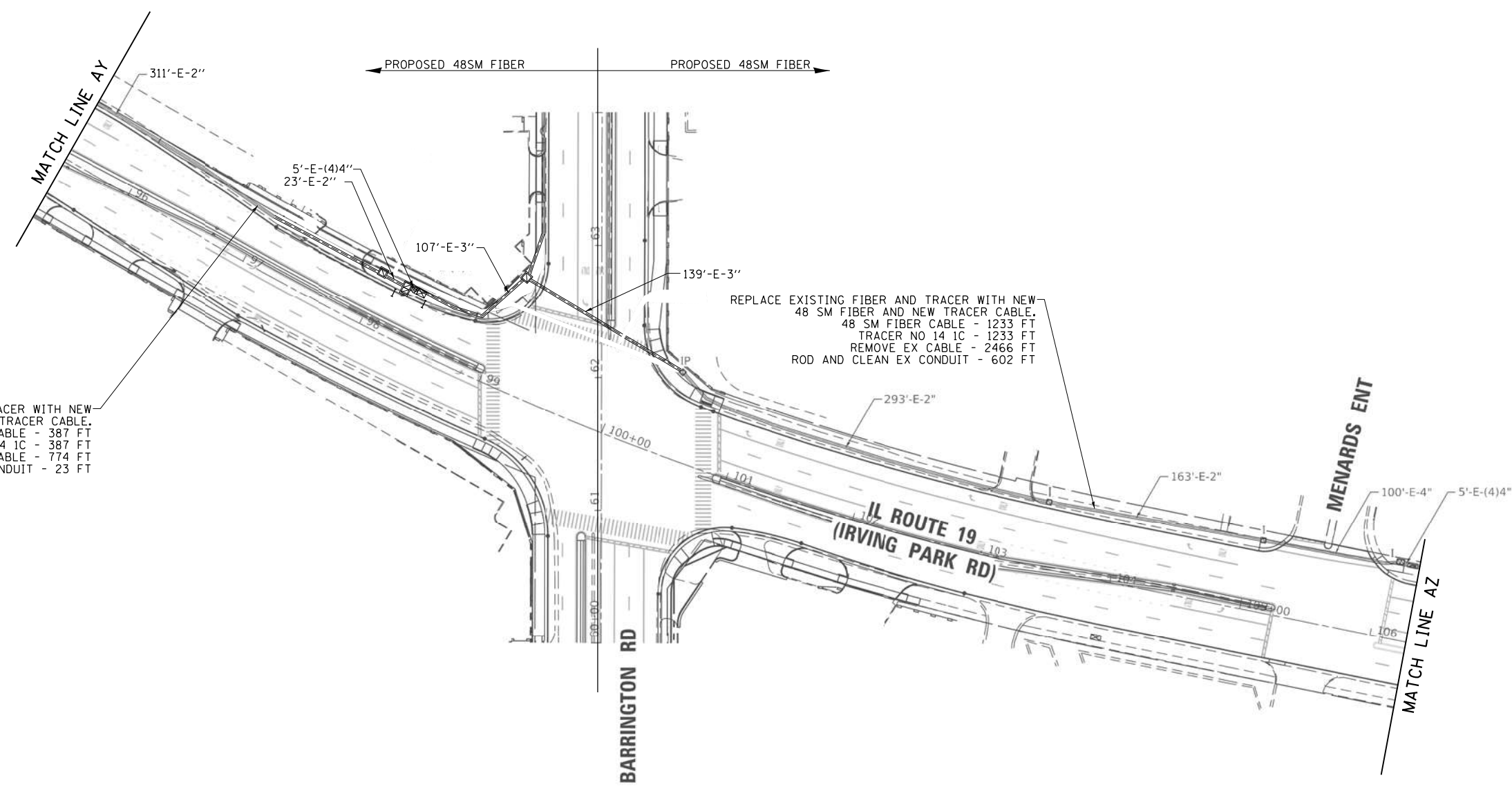
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	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN IL 19 (IRVING PARK RD) AT WESTVIEW CENTER			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	244
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
 FORMER ECON 158



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 387 FT
 TRACER NO 14 1C - 387 FT
 REMOVE EX CABLE - 774 FT
 ROD AND CLEAN EX CONDUIT - 23 FT

REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 1233 FT
 TRACER NO 14 1C - 1233 FT
 REMOVE EX CABLE - 2466 FT
 ROD AND CLEAN EX CONDUIT - 602 FT

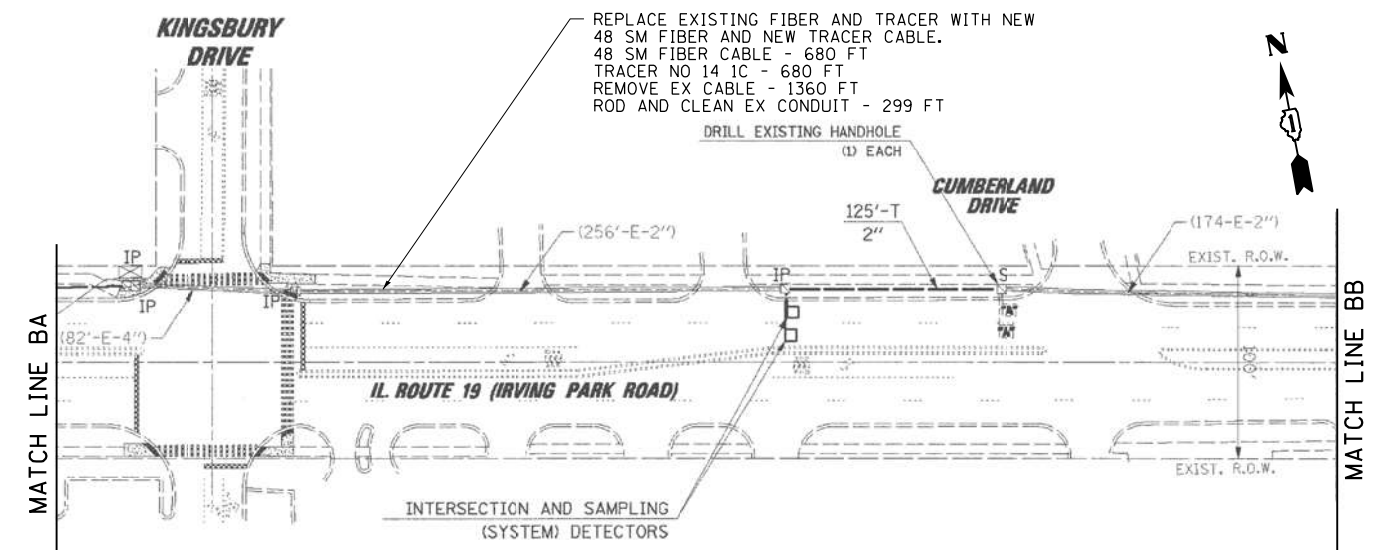
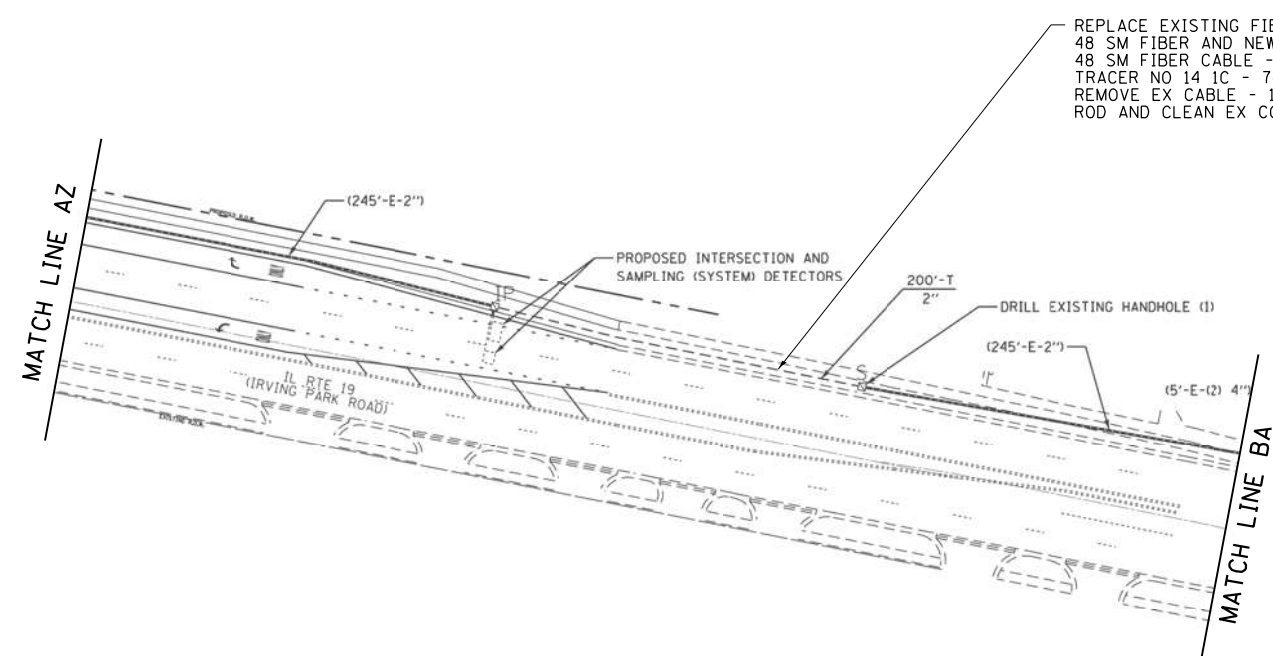
"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
 FORMER ECON 158**

FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-562-1001-CMAQ_Centracs Phase 2\CADD_Sheets\226-Interconnect Plan for IL 19 West to East.dgn

 GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: 773-774-5900	USER NAME = \$USER*	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN IL 19 (IRVING PARK RD) AT WESTVIEW CENTER, BARRINGTON RD, AND MENARDS ENT				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	VAR.	2023 TRAFFIC 02	VARIOUS	306
PLOT DATE = \$DATE*	DATE - 10/31/2022	REVISED -							CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT													

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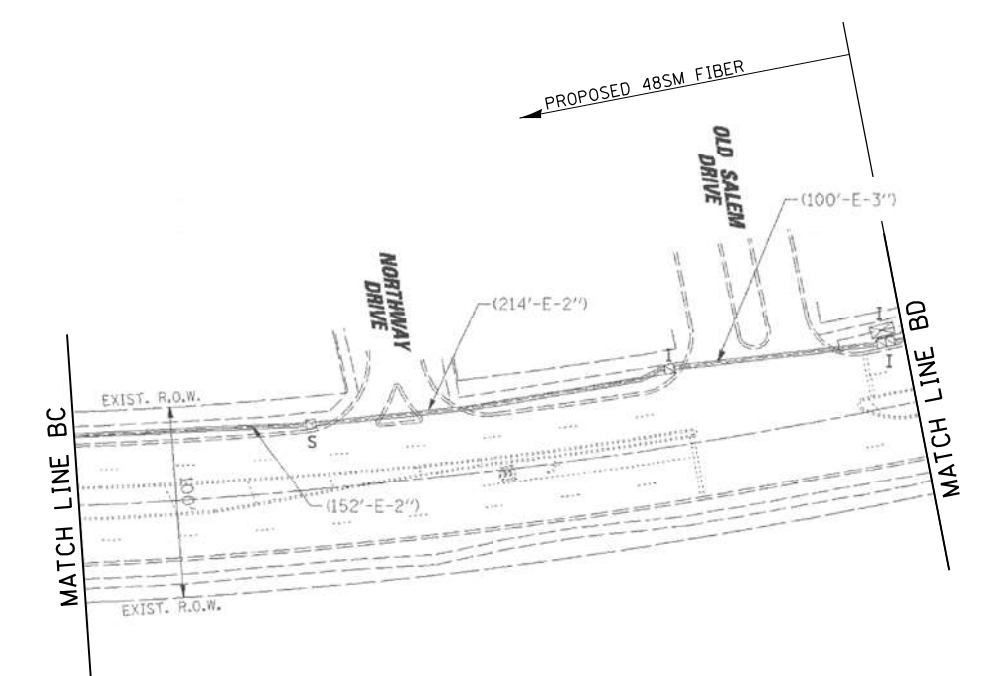
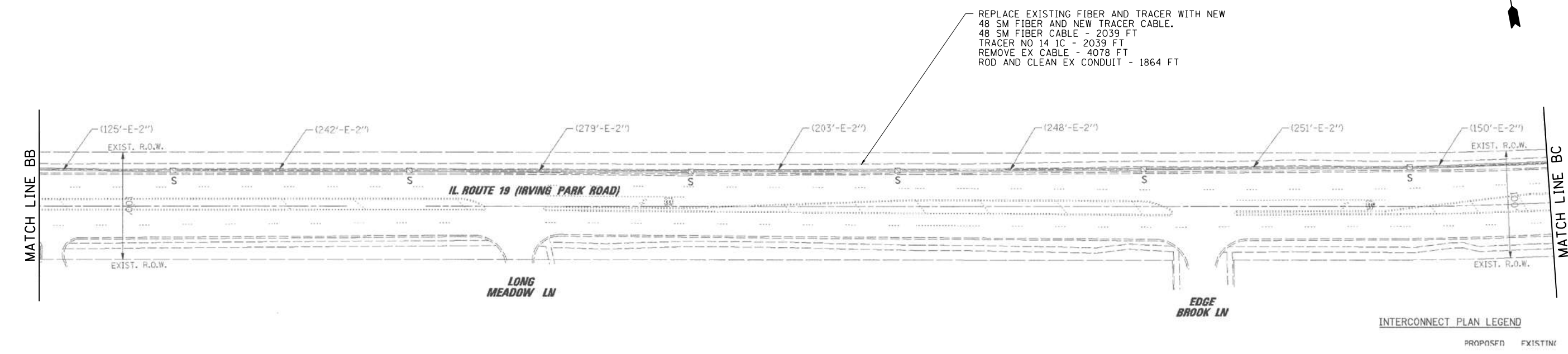


"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
FORMER ECON 158**

 GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900	USER NAME = \$USER\$	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN IL 19 (IRVING PARK RD) AT MENARDS ENT AND KINGSBURY DR			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.	VAR.	2023 TRAFFIC 02	VARIOUS	306
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -					CONTRACT NO. 62T54			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

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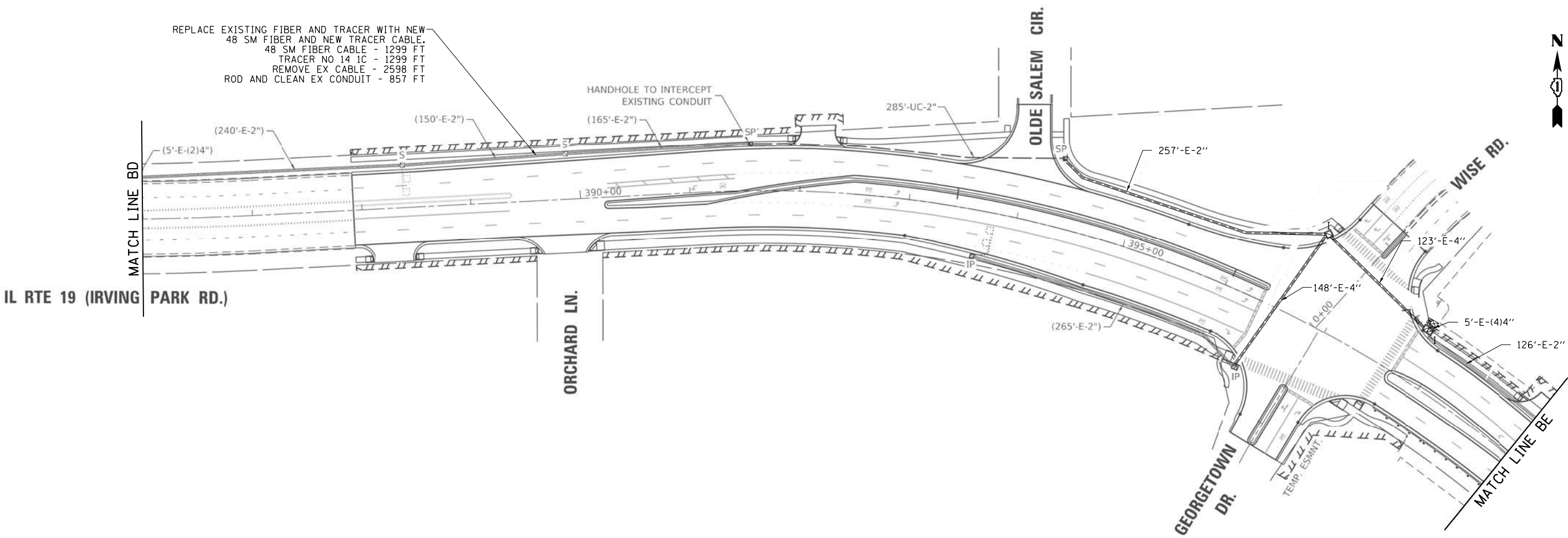
"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
FORMER ECON 158**

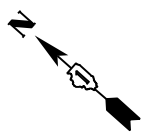
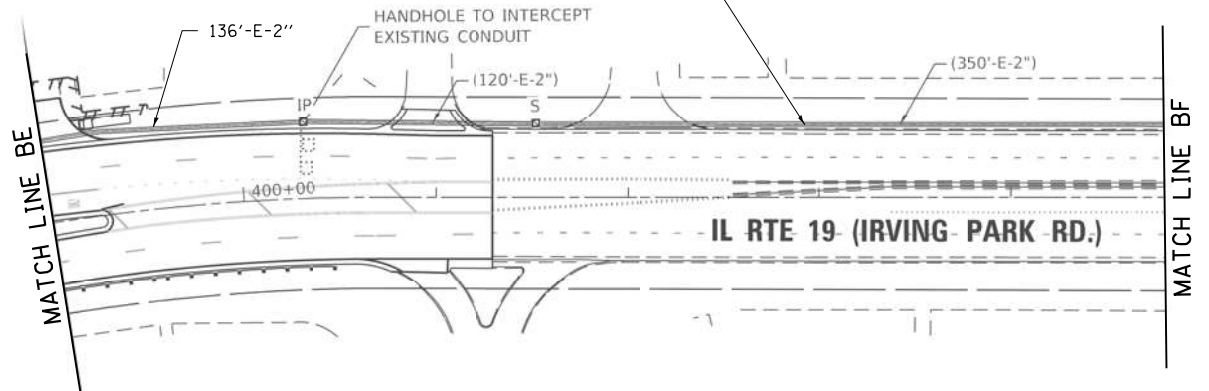
GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 5035 N. NORTHWEST HIGHWAY SUITE 300 CHICAGO, ILLINOIS 60630 TEL: 773.717.590	USER NAME = \$USER\$	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN IL 19 (IRVING PARK RD) AT OLD SALEM DR				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" / 10'	CHECKED - MS	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	VAR.	2023 TRAFFIC 02	VARIOUS	306
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -							CONTRACT NO. 62T54				
								FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 1299 FT
 TRACER NO 14 1C - 1299 FT
 REMOVE EX CABLE - 2598 FT
 ROD AND CLEAN EX CONDUIT - 857 FT



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 792 FT
 TRACER NO 14 1C - 792 FT
 REMOVE EX CABLE - 1584 FT
 ROD AND CLEAN EX CONDUIT - 370 FT



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
 FORMER ECON 158**

FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-562-1001-CM40_Centracs Phase 2\CADD_Sheets\229_Interconnect Plan for IL-19 West to East_9.dgn



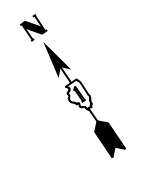
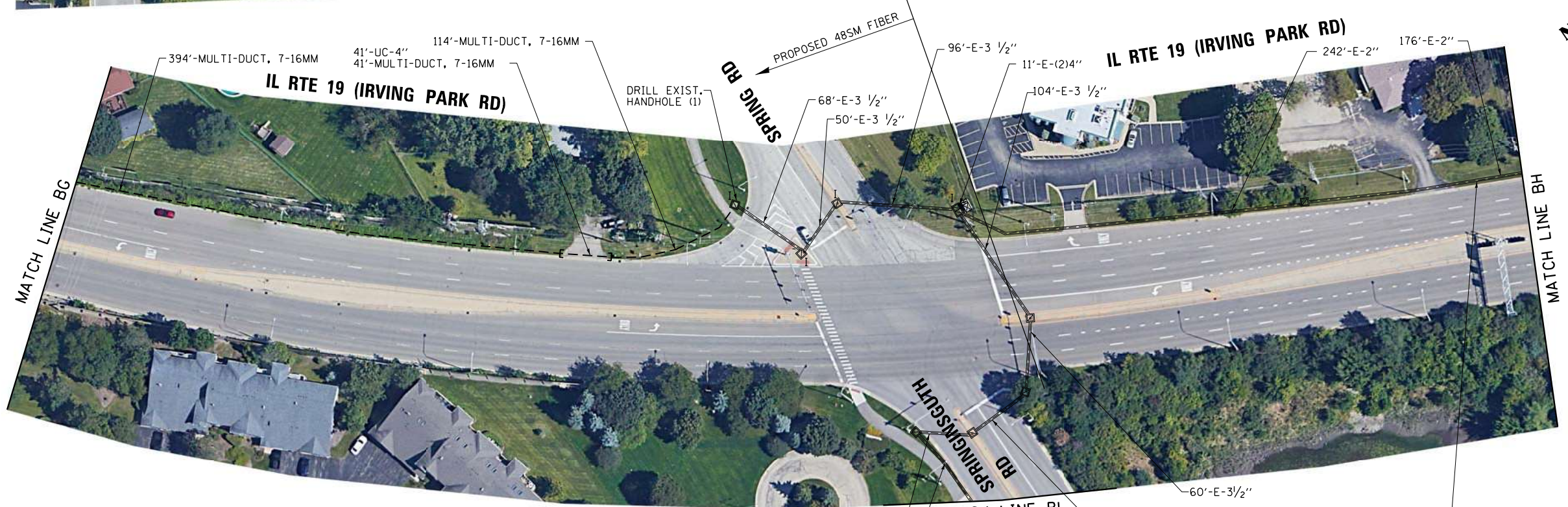
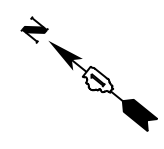
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PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING INTERCONNECT PLAN			
IL 19 (IRVING PARK RD) AT OLD SALEM DR, WISE RD, AND MERCURY DR			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	248
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME = K:\PROJECTS\Projects_2022\22-ESR-562-1001.CM40_Centrac Phase 2\CADD_Sheets\230_Interconnect Plan for IL-19 West to East_10.dgn



USER NAME = \$USER\$	DESIGNED - EA	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

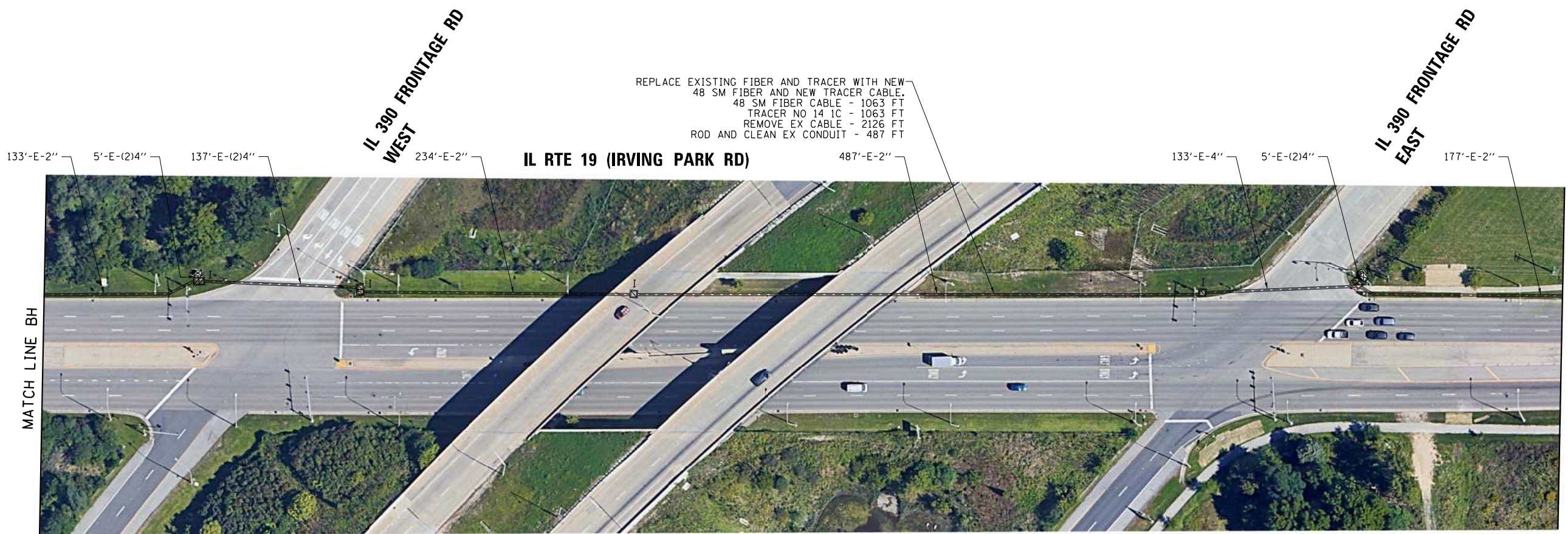
**PROPOSED INTERCONNECT PLAN
IL RTE 19 (IRVING PARK RD) AT MERCURY DR AND SPRINGSGUTH RD**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	249
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	

IDOT CENTRACS

REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 1063 FT
 TRACER NO 14 1C - 1063 FT
 REMOVE EX CABLE - 2126 FT
 ROD AND CLEAN EX CONDUIT - 487 FT



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 1558 FT
 TRACER NO 14 1C - 1558 FT
 REMOVE EX CABLE - 3116 FT
 ROD AND CLEAN EX CONDUIT - 958 FT



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

FILE NAME = K:\PROJECTS\Projects_2022\22-ESR-562-1001_CMAQ_Centracis Phase 2\CADD_Sheets\231_Interconnect Plan for IL-19 West to East.dwg

GO GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 5035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60630 TEL: 773.7174.590

USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
DRAWN - EA, AV	CHECKED - MS	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

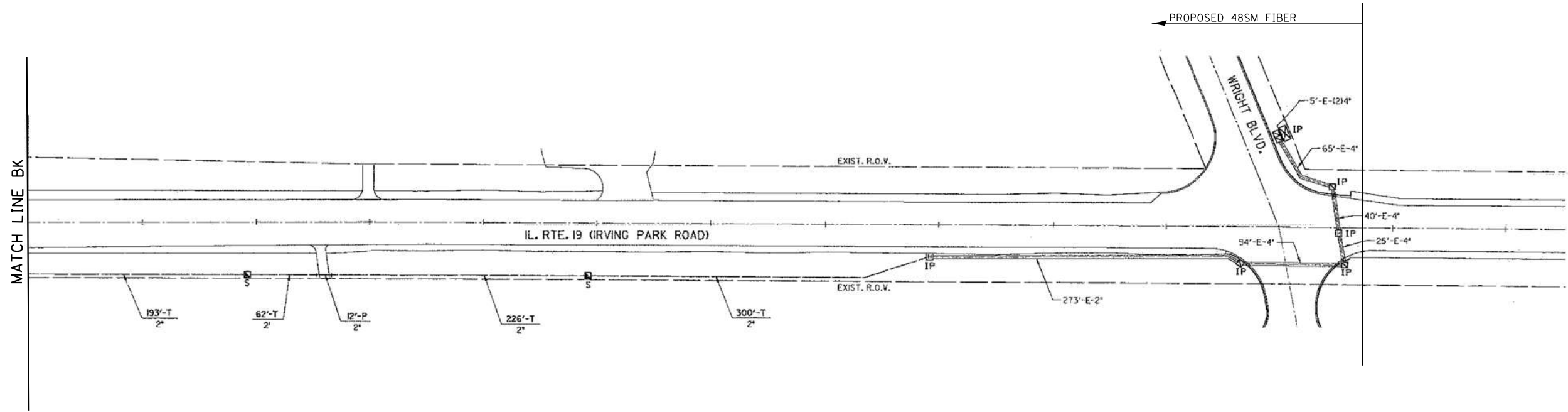
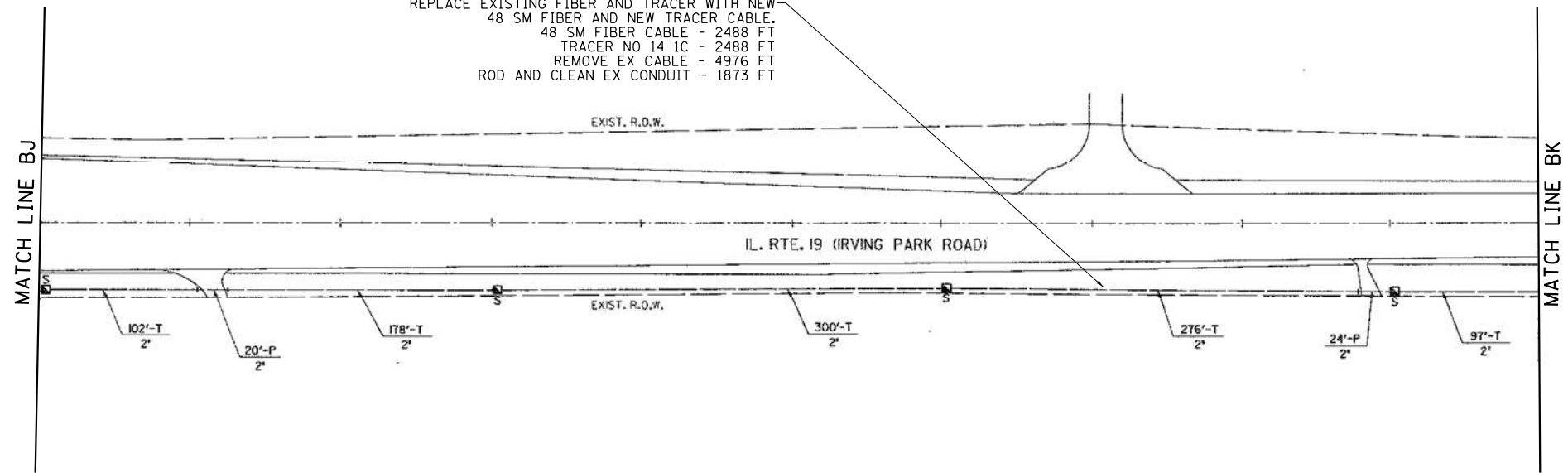
EXISTING INTERCONNECT PLAN			
IL RTE 19 (IRVING PARK RD) AT FRONTAGE RD WEST, AND FRONTAGE RD EAST			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	250
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
 FORMER ECON 89



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 2488 FT
 TRACER NO 14 1C - 2488 FT
 REMOVE EX CABLE - 4976 FT
 ROD AND CLEAN EX CONDUIT - 1873 FT



"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
 FORMER ECON 89**

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001.CM40_Centracs Phase 2\CADD_Sheets\232_Interconnect Plan for IL-19 West to East_12.dgn

GO GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 300
 CHICAGO, ILLINOIS 60630 TEL: 773.717.590

USER NAME = \$USER*	DESIGNED - EA	REVISED -
PLOT SCALE = 100.0000' / 1" =	DRAWN - EA, AV	REVISED -
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	DATE - 10/31/2022	REVISED -

DESIGNED - EA	REVISED -
DRAWN - EA, AV	REVISED -
CHECKED - MS	REVISED -
DATE - 10/31/2022	REVISED -

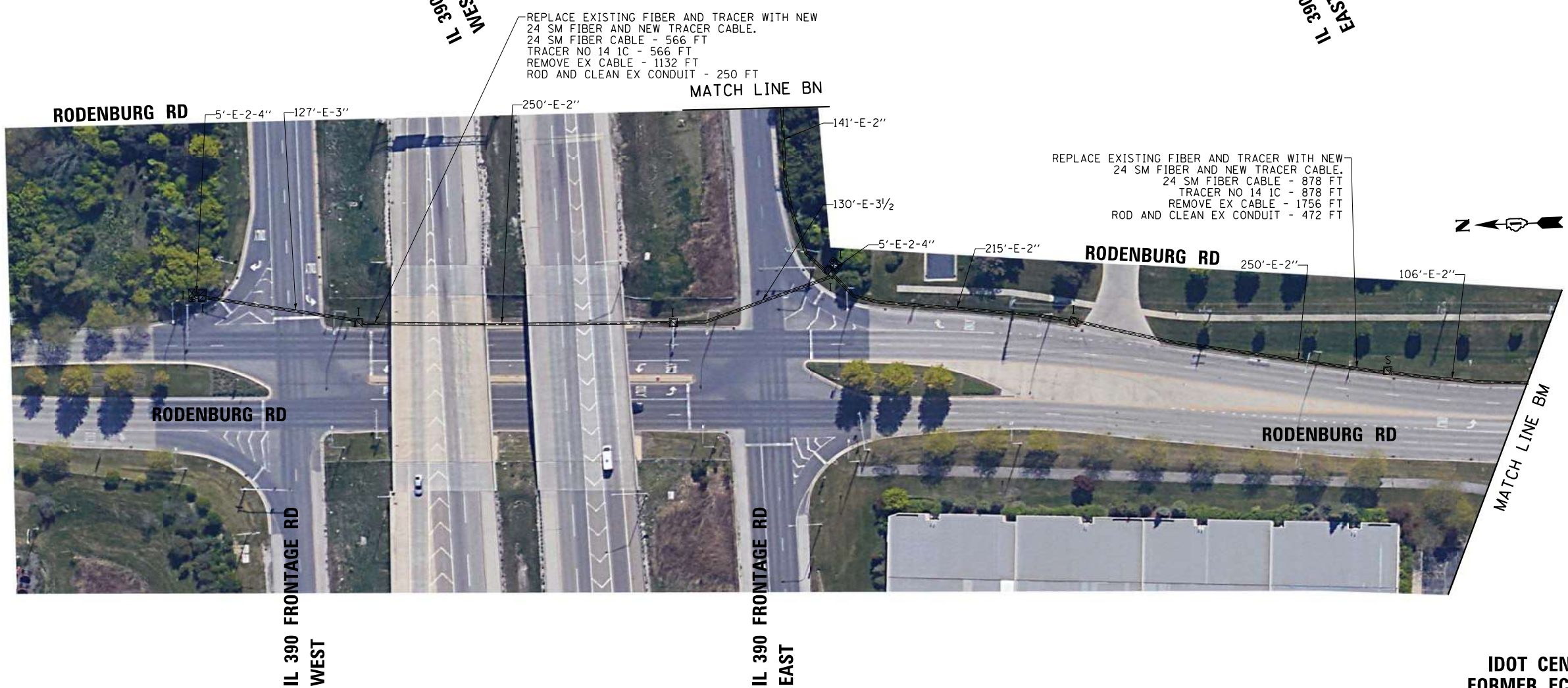
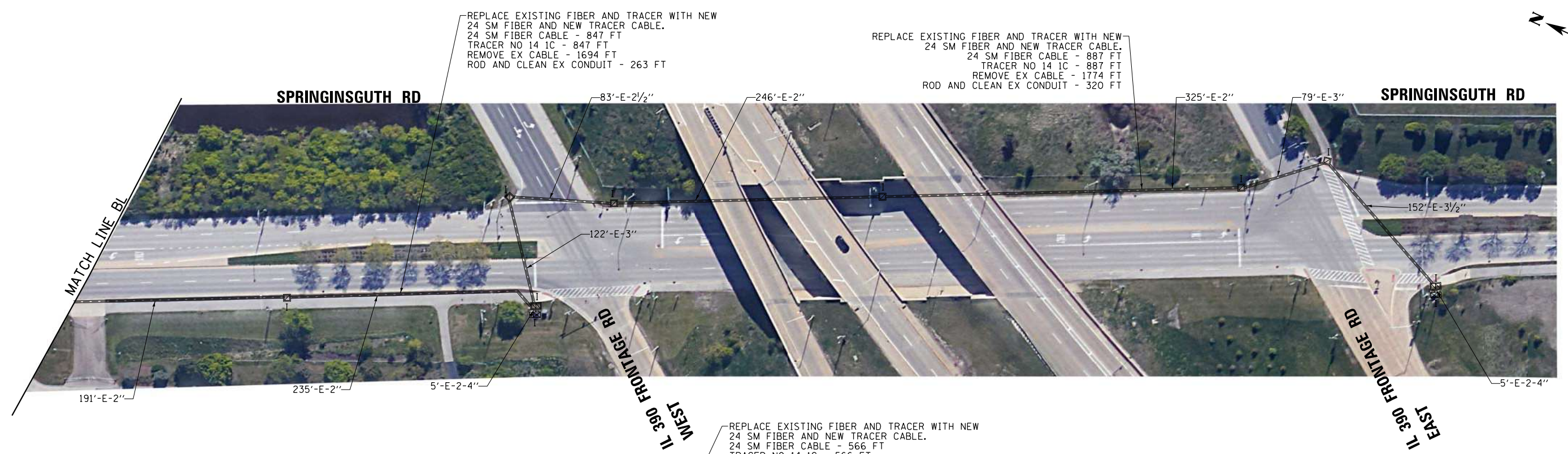
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EXISTING INTERCONNECT PLAN
 IL 19 (IRVING PARK RD) AT RODENBURG RD, AND WRIGHT BLVD**

SCALE:	SHEET NO.	OF	SHEETS	STA.	TO	STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	251
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME = K:\PROJECTS\Projects_2022\22-ESR-562-1001.CM40_Centracs Phase 2\CADD_Sheets\232a_Interconnect Plan For IL-19 West to East.dgn



GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 300
CHICAGO, ILLINOIS 60630 TEL: 773.717.590

USER NAME = \$USER*	DESIGNED - EA	REVISED - 12-2-2022
DRAWN - EA, AV	CHECKED - MS	REVISED -
PLOT SCALE = 100.0000' / 1" =	DATE - 10/31/2022	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING INTERCONNECT PLAN

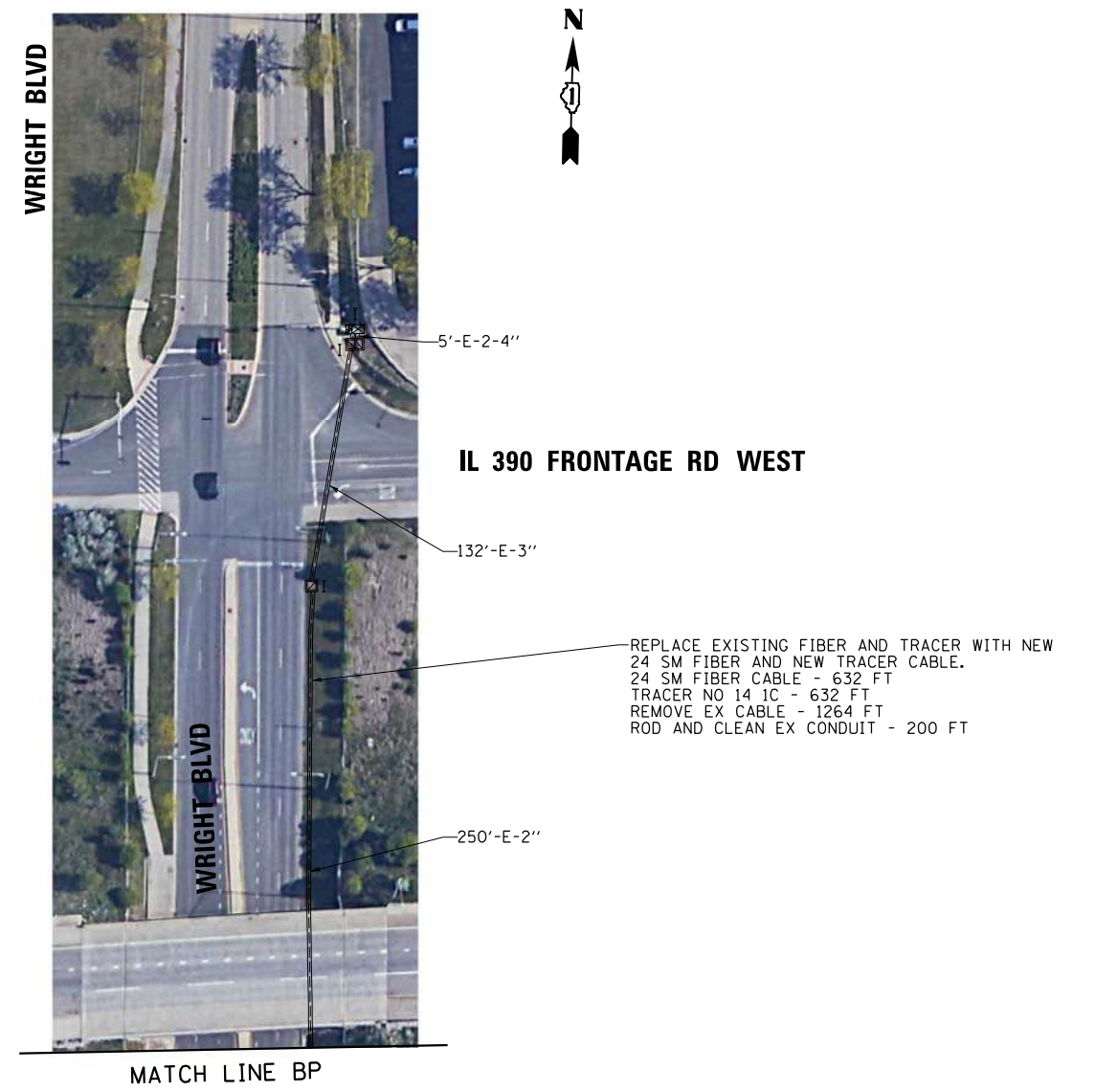
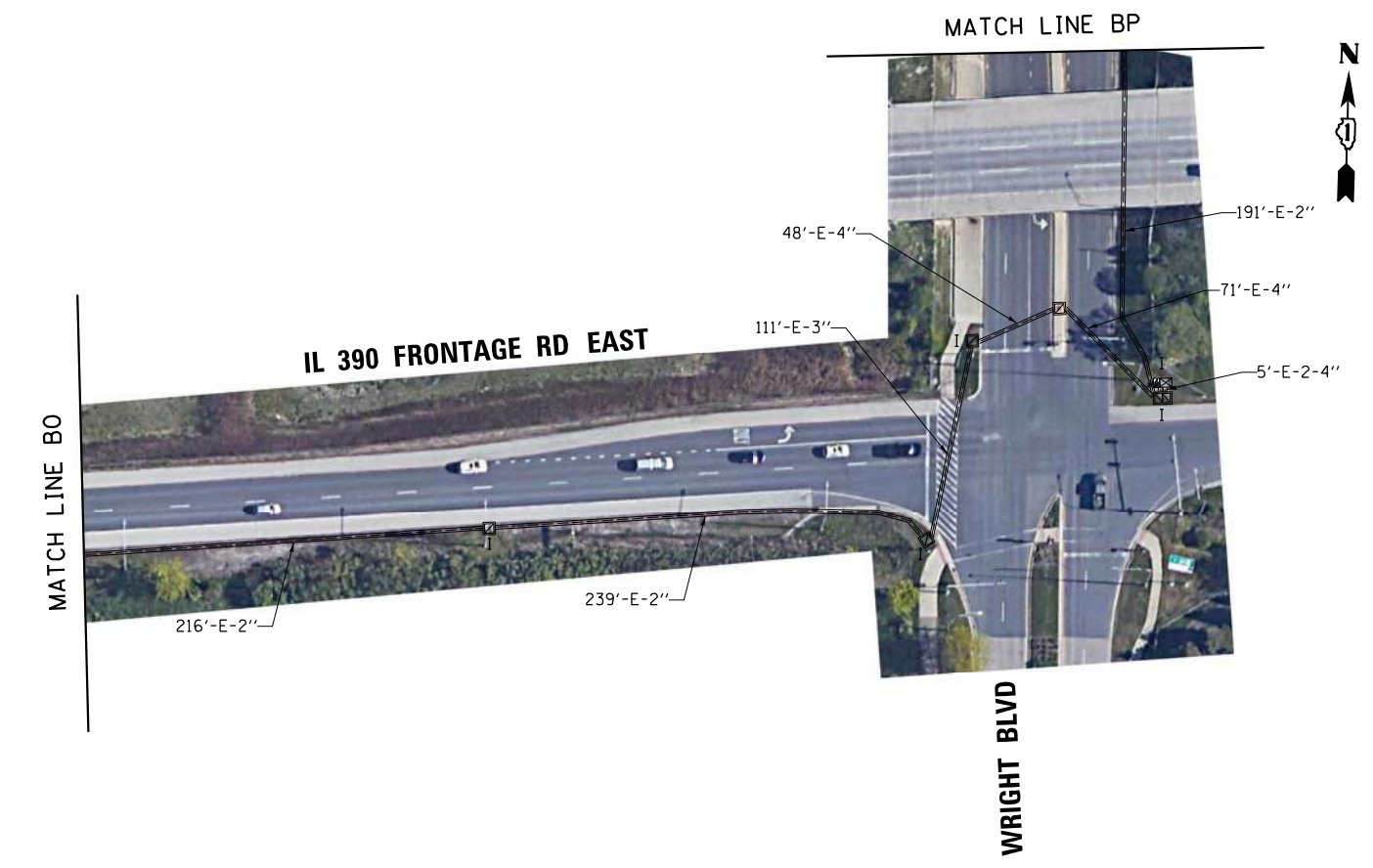
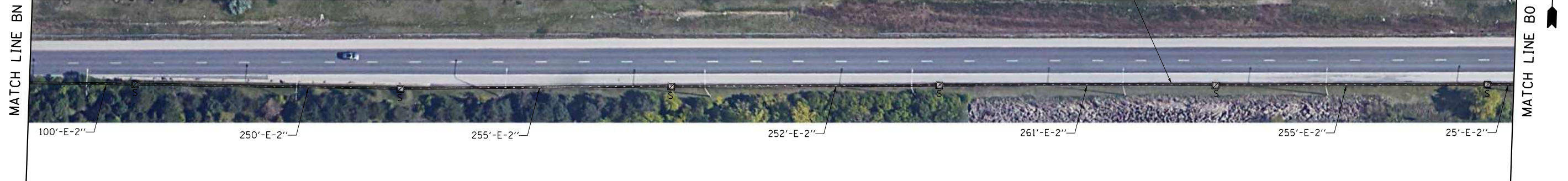
SPRINGINGSUTH AT IL 390 FRONTAGE RD WB AND IL 390 FRONTAGE RD EB
RODENBURG RD AT IL 390 FRONTAGE RD WB AND IL 390 FRONTAGE RD EB

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	252
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	

**IDOT CENTRACS
FORMER ECON 89**

REPLACE EXISTING FIBER AND TRACER WITH NEW
 24 SM FIBER AND NEW TRACER CABLE - 2335 FT
 24 SM FIBER CABLE - 2335 FT
 TRACER NO 14 1C - 2335 FT
 REMOVE EX CABLE - 4670 FT
 ROD AND CLEAN EX CONDUIT - 1755 FT



FILE NAME = K:\PROJECTS\Projects_2022\22-ESR-562-1001_CMAQ_Contracts Phase 2\CADD_Sheets\222B_Interconnect Plan For IL-19 West to East.dgn

GO GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60630 TEL: 773.774.590

USER NAME = \$USER\$	DESIGNED - EA	REVISED -
DRAWN - EA, AV	CHECKED - MS	REVISED -
PLOT SCALE = 100.0000' / 1" =	DATE - 10/31/2022	REVISED -
PLOT DATE = \$DATE\$		

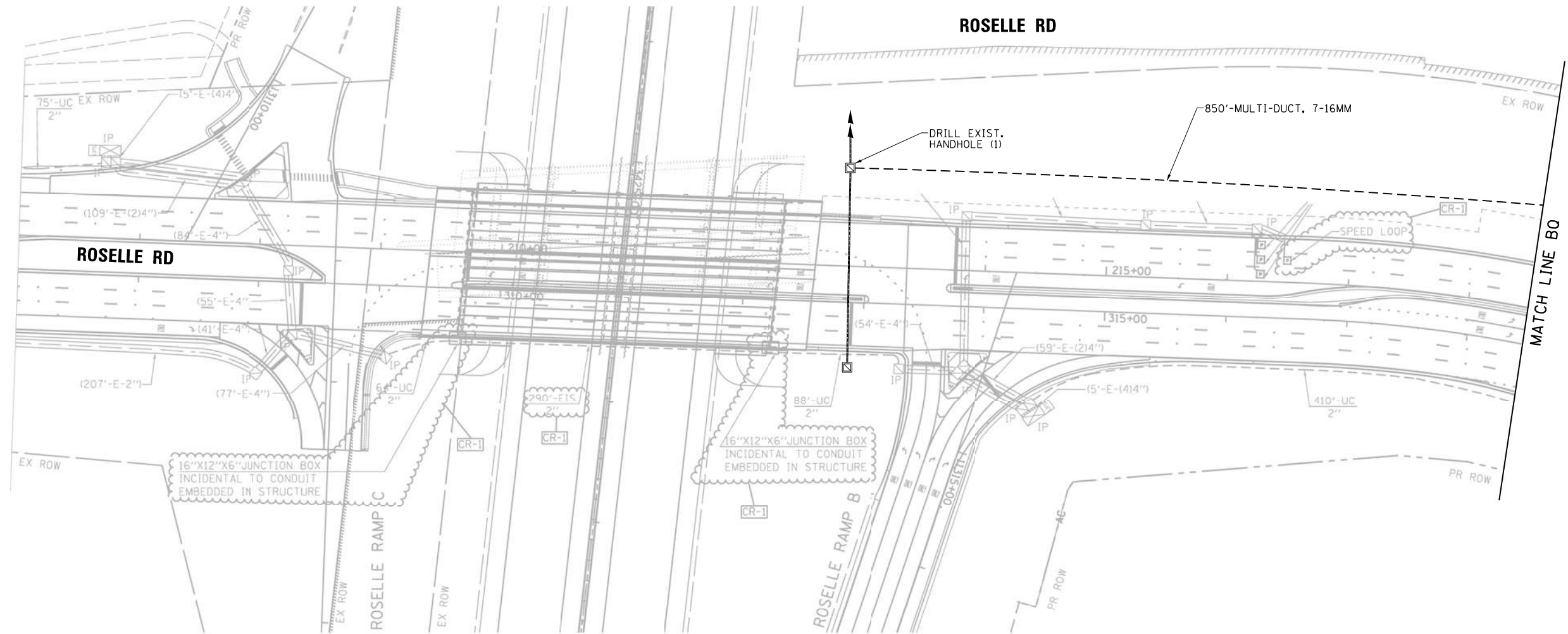
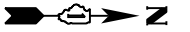
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN			
IL 390 FRONTAGE RD EB AT WRIGHT BLVD			
IL 390 FRONTAGE RD WB AT WRIGHT BLVD			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	253
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
 FORMER ECON 89

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"



FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-562-1001.CM40_Centracs Phase 2\CADD_Sheets\233-Interconnect Plan for Roselle Rd South to North.dgn
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GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 5035 N. NORTHWEST HIGHWAY
 SUITE 300
 CHICAGO, ILLINOIS 60630 TEL: 773.774.590

USER NAME = \$USER\$	DESIGNED - EA	REVISED -
DRAWN - EA, AV	REVISIONS -	
PLOT SCALE = 100.0000' / 1"	CHECKED - MS	REVISIONS -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

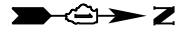
EXISTING INTERCONNECT PLAN
ROSELLE RD AT HILLCREST BLVD AND I-90 RAMPS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	254
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	

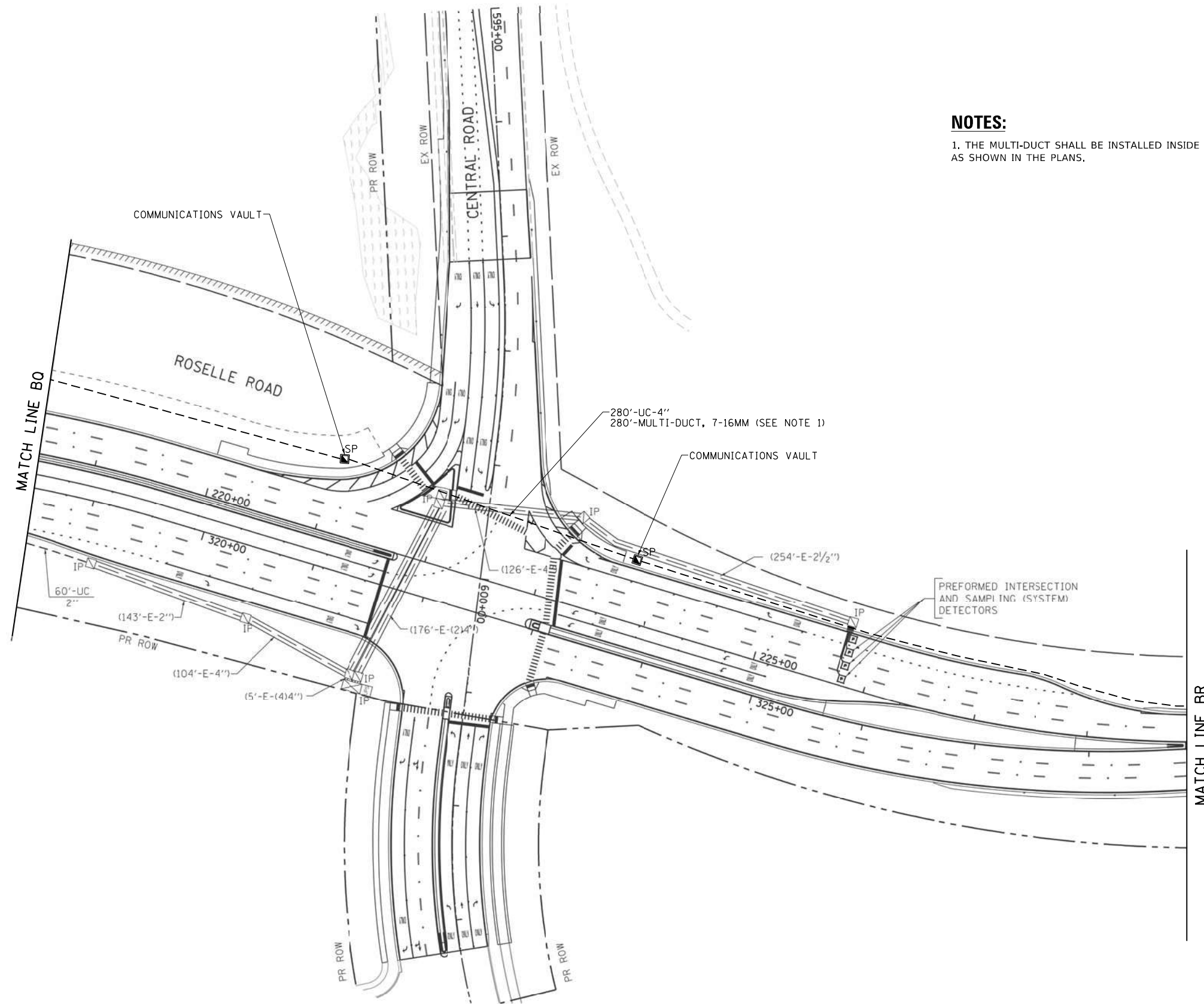
IDOT CENTRACS
FORMER ECON 81

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"



NOTES:

1. THE MULTI-DUCT SHALL BE INSTALLED INSIDE THE 4" CONDUIT AS SHOWN IN THE PLANS.



FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-562-1001.CM40_Centracs Phase 2\CADD_Sheets\234_Interconnect Plan for Roselle Rd South to North.dgn


GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60630 TEL: 773.774.590

USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
DRAWN - EA, AV	CHECKED - MS	REVISED -
PLOT SCALE = 100.0000' / 1" =	DATE - 10/31/2022	REVISED -
PLOT DATE = \$DATE\$		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
ROSELLE RD AT CENTRAL RD

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	255
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
FORMER ECON 81



NEW 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 7140 FT
 TRACER NO 14 1C - 7140 FT
 MULTI-DUCT, 7-16MM - 5360 FT
 4" UC - 345 FT
 COMMUNICATIONS VAULT - 5 EA

ROSELLE RD

1200'-MULTI-DUCT, 7-16MM

ROSELLE RD

MATCH LINE BR

MATCH LINE BS



ROSELLE RD

COMMUNICATIONS VAULT

ROSELLE RD

1200'-MULTI-DUCT, 7-16MM

ROSELLE RD

MATCH LINE BS

MATCH LINE BT



FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001.CM40_Centracs Phase 2\CADD_Sheets\235_Interconnect Plan for Roselle Rd South to North_3.dgn

GO GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60630 TEL: 773.774.590

USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
	DRAWN - EA, AV	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -

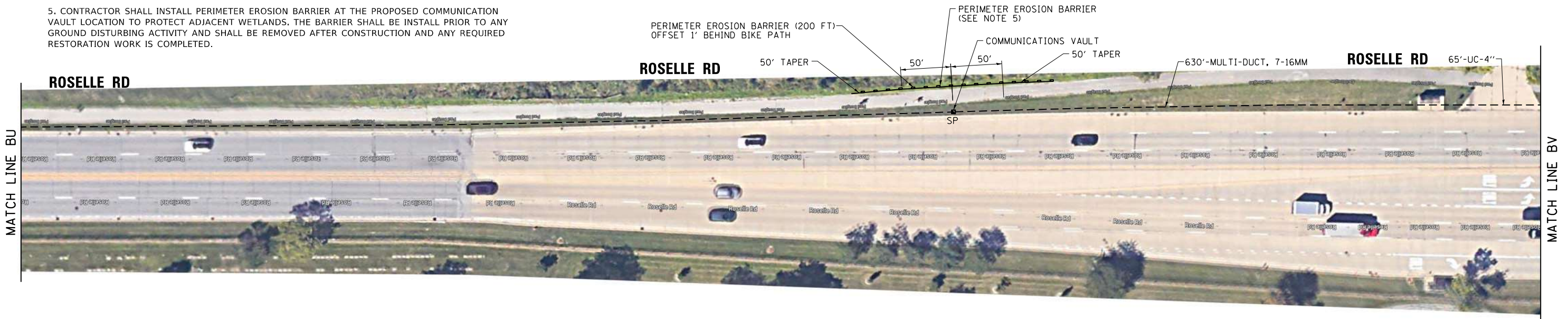
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROPOSED INTERCONNECT PLAN
 ROSELLE RD AT CENTRAL RD**

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

F.A. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.		2023 TRAFFIC 02	VARIOUS	306	256
				CONTRACT NO. 62T54	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

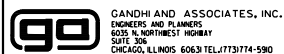
IDOT CENTRACS



EROSION CONTROL NOTES:

1. THE EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE STATE STANDARDS FOR THE ENTIRE DURATION OF THE CONTRACT OR UNTIL SUCH A TIME AS DIRECTED BY THE ENGINEER.
2. ALL EROSION CONTROL MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: ([HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/erosion-and-sediment-control)).
3. THE CONTRACTOR WILL ASSUME RESPONSIBILITY FOR MAINTENANCE OF ALL SOIL EROSION CONTROL DURING CONSTRUCTION.
4. THE CONTRACTOR SHALL CHECK ALL EROSION CONTROL MEASURES WEEKLY AND AFTER EACH RAINFALL 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY, DURING THE WINTER MONTHS ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
5. CONTRACTOR SHALL INSTALL PERIMETER EROSION BARRIER AT THE PROPOSED COMMUNICATION VULT LOCATION TO PROTECT ADJACENT WETLANDS. THE BARRIER SHALL BE INSTALL PRIOR TO ANY GROUND DISTURBING ACTIVITY AND SHALL BE REMOVED AFTER CONSTRUCTION AND ANY REQUIRED RESTORATION WORK IS COMPLETED.

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001.CM40 Contracts Phase 2\CADD\Sheets\236-Interconnect Plan for Roselle Rd South to North.dgn

	USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
	PLOT SCALE = 100.0000' / 1" =	DRAWN - EA, AV	REVISED -
	PLOT DATE = \$DATE\$	CHECKED - MS	REVISED -
		DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROPOSED INTERCONNECT PLAN
ROSELLE RD AT CENTRAL RD**

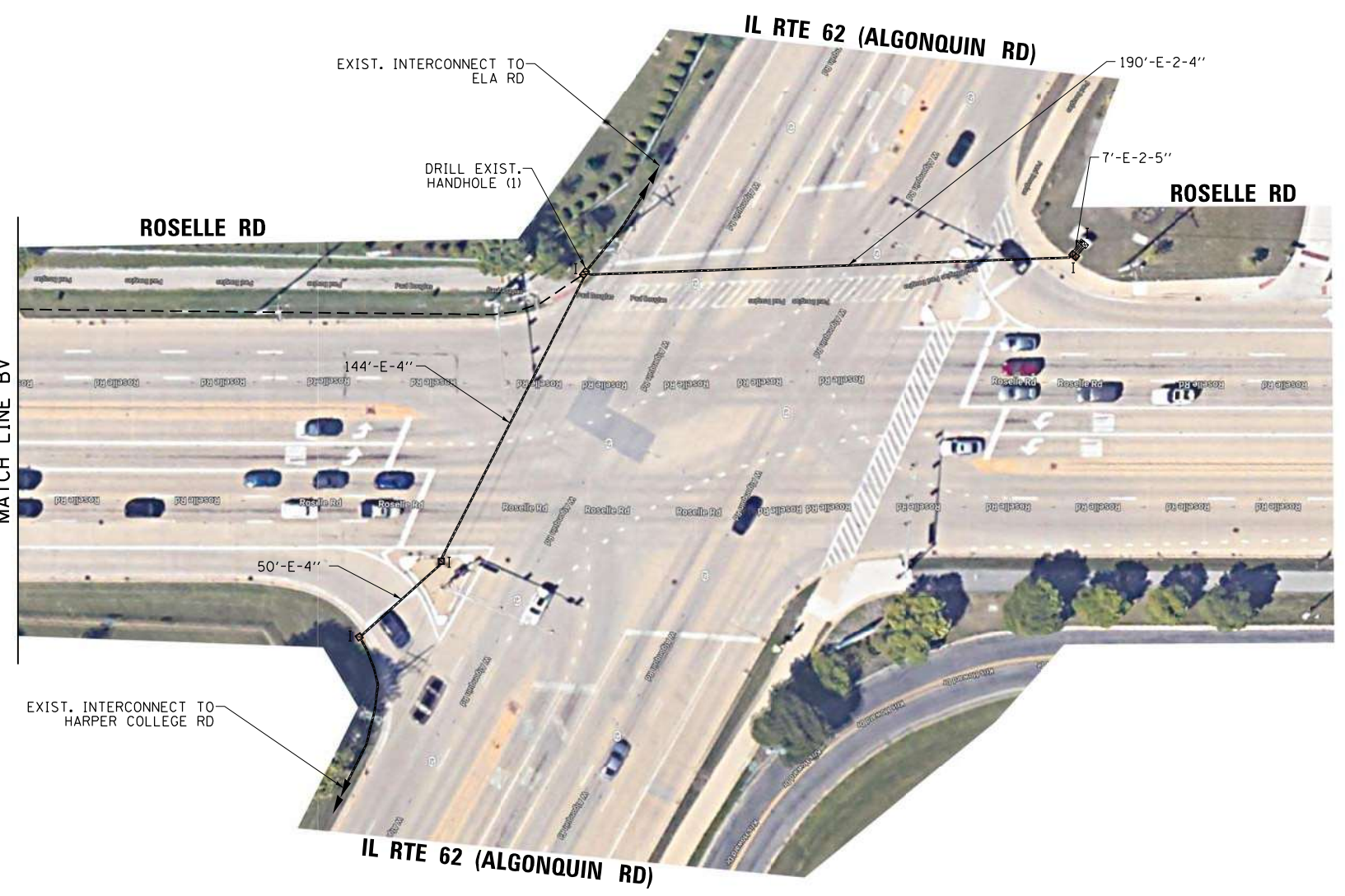
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				VAR.	2023 TRAFFIC 02
				CONTRACT NO. 62T54	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					


IDOT CENTRACS



MATCH LINE BV



FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001.CM40 Centracas Phase 2\CADD_Sheets\237-Interconnect Plan for Roselle Rd South to North_5.dgn

 GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900	USER NAME = \$USER\$	DESIGNED - EA	REVISED -
	PLOT SCALE = 100.0000' / 1" =	DRAWN - EA, AV	REVISED -
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		DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

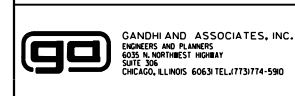
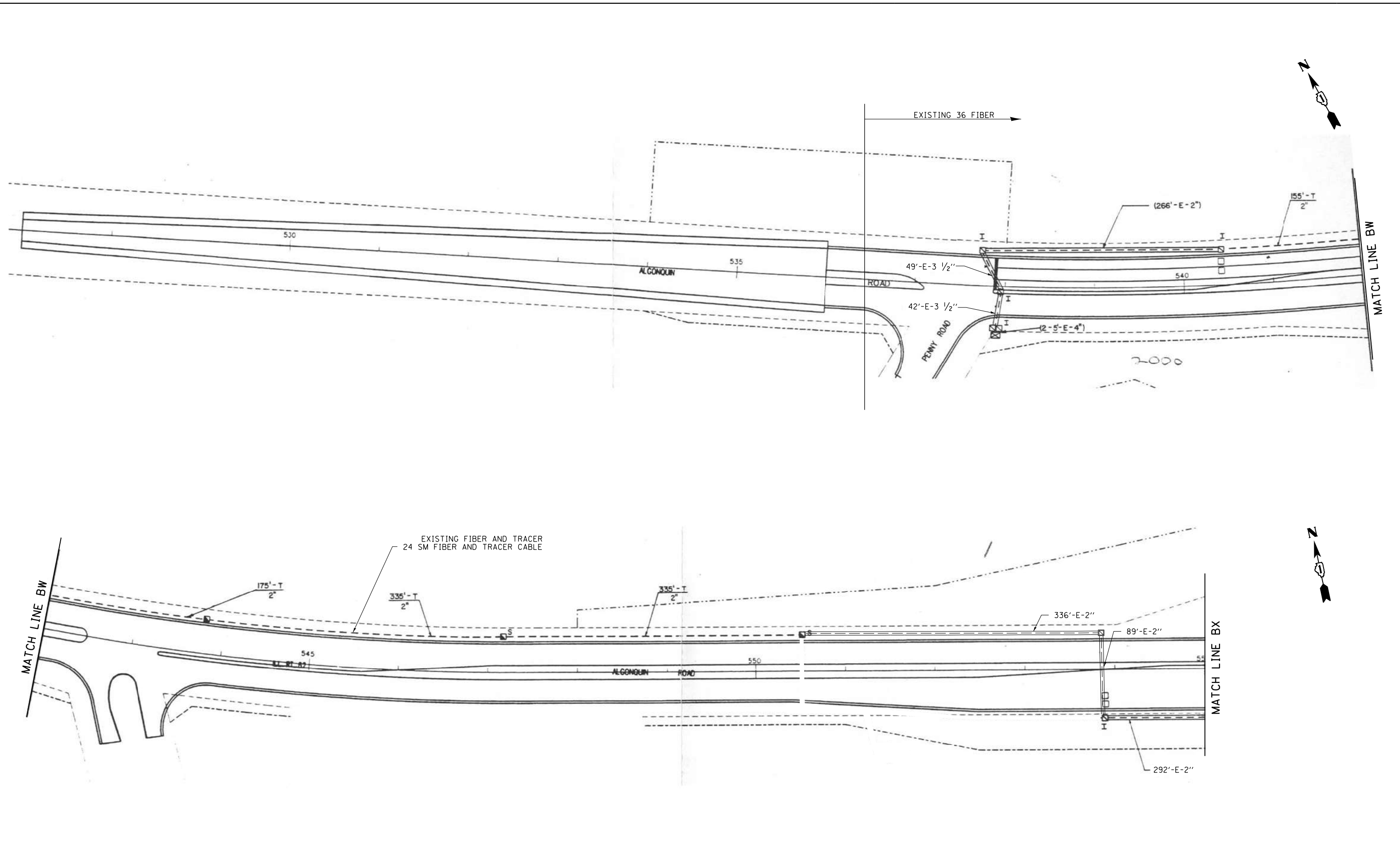
**PROPOSED INTERCONNECT PLAN
ROSELLE RD AT IL RTE 62 (ALGONQUIN RD)**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	258
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS

FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-562-1001_CMAQ_Centrac Phase 2\CADD_Sheets\239_Innerconnect Plan for IL-62 West to East.dgn



USER NAME = \$USER*	DESIGNED - EA	REVISED - 12-2-2022
DRAWN - EA, AV	CHECKED - MS	REVISED -
PLOT SCALE = 100.0000' / 1" =	DATE - 10/31/2022	REVISED -
PLOT DATE = \$DATE*		

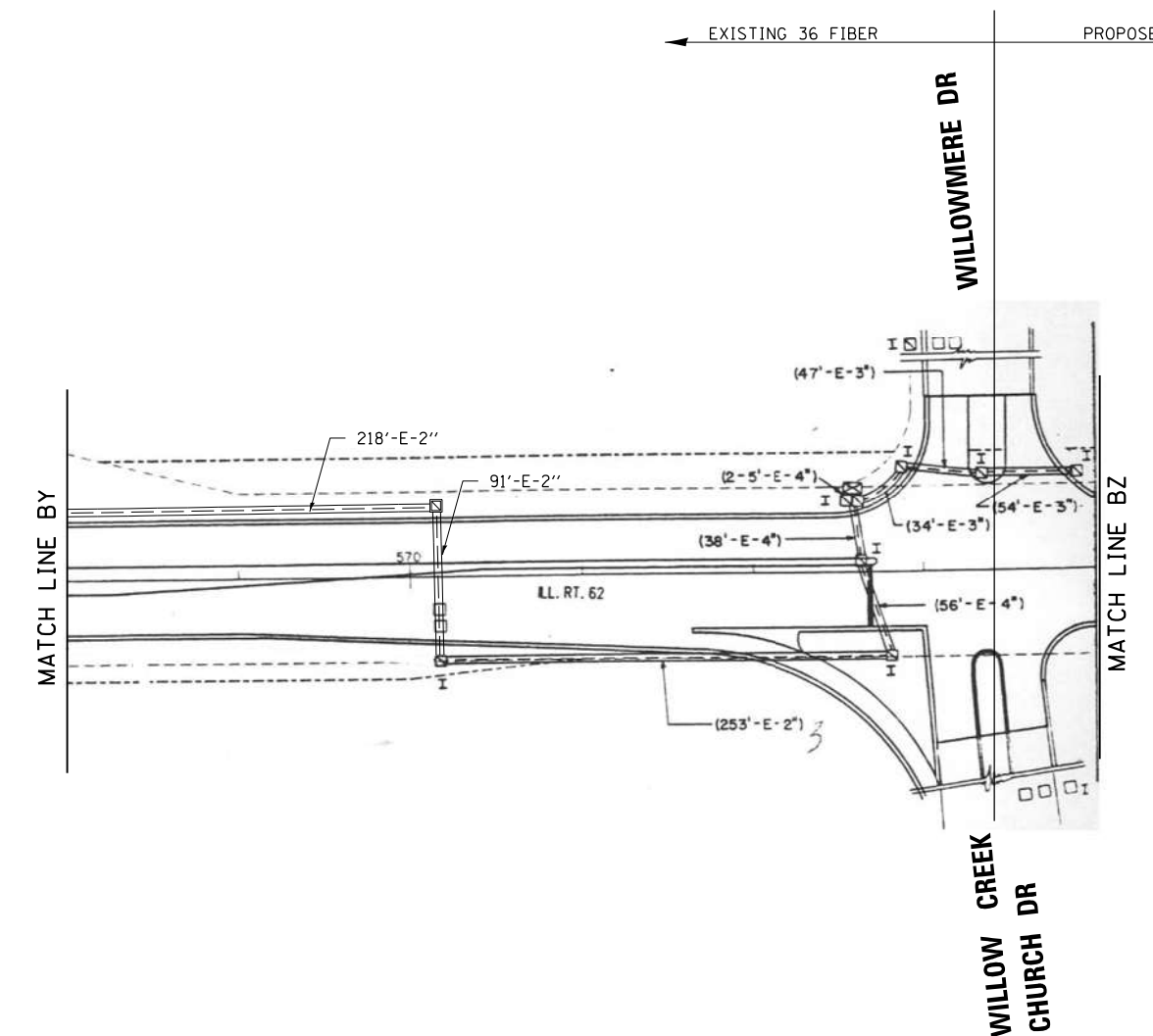
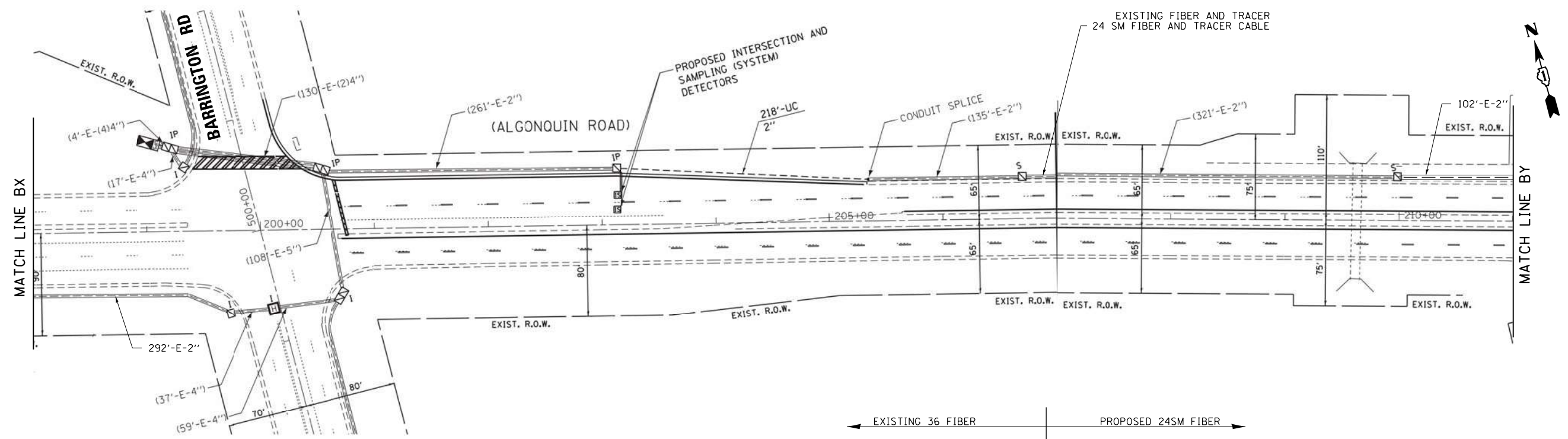
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING INTERCONNECT PLAN IL 62 (ALGONQUIN RD) AT PENNY RD			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	259
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**IDOT CENTRACS
FORMER ECON 95**

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001.CM40 Centrac Phase 2\CADD_Sheets\240_Interconnect Plan for IL-62 West to East_2.dgn



GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
5035 N. NORTHWEST HIGHWAY
SUITE 300
CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900

USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
DRAWN - EA, AV	CHECKED - MS	REVISED -
PLOT SCALE = 100.0000' / 1" =	DATE - 10/31/2022	REVISED -
PLOT DATE = \$DATE\$		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

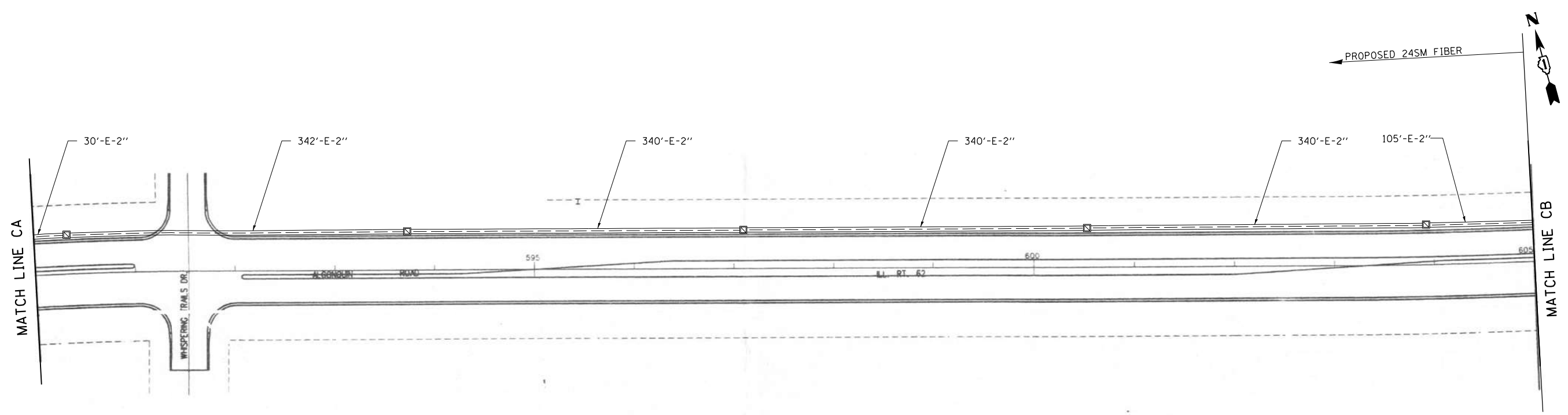
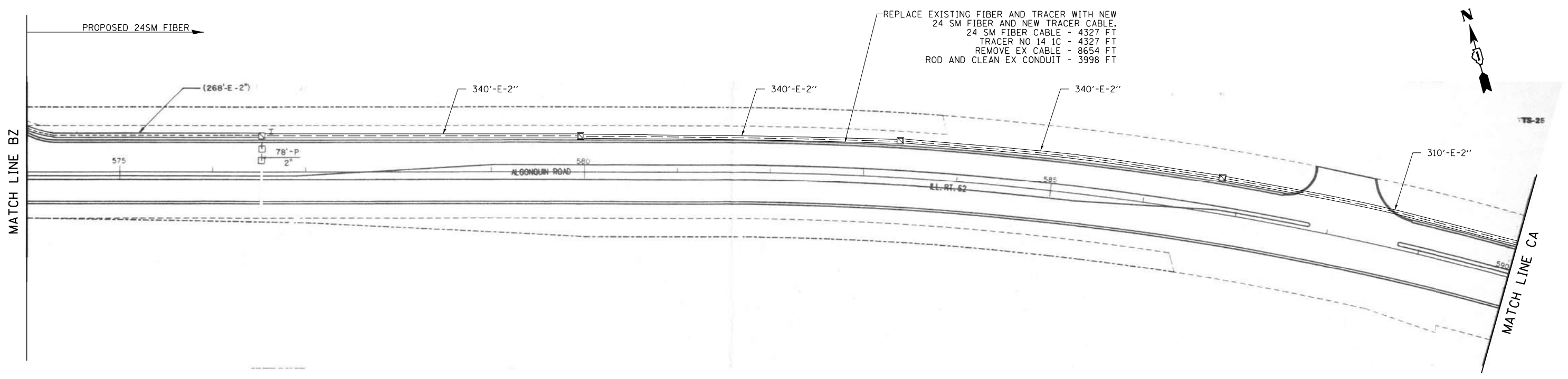
**EXISTING INTERCONNECT PLAN
IL 62 (ALGONQUIN RD) AT BARRINGTON RD AND WILLOWMERE DR**


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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	260
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**IDOT CENTRACS
FORMER ECON 95**

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-502-1001_CMAQ_Centrac Phase 2\CADD_Sheets\241_Interconnect Plan for IL-62 West to East_3.dgn



 GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900	USER NAME = \$USER\$	DESIGNED - EA	REVISED -
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

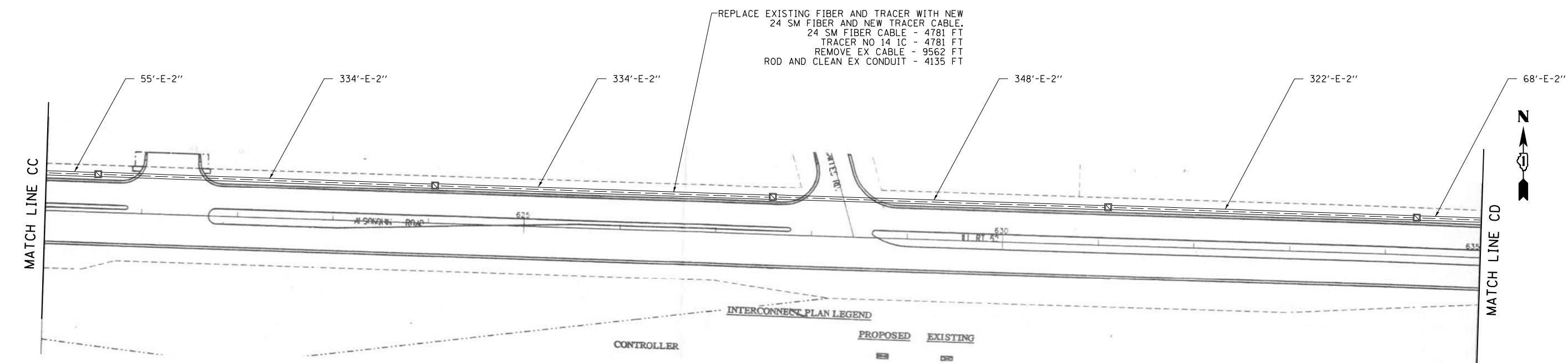
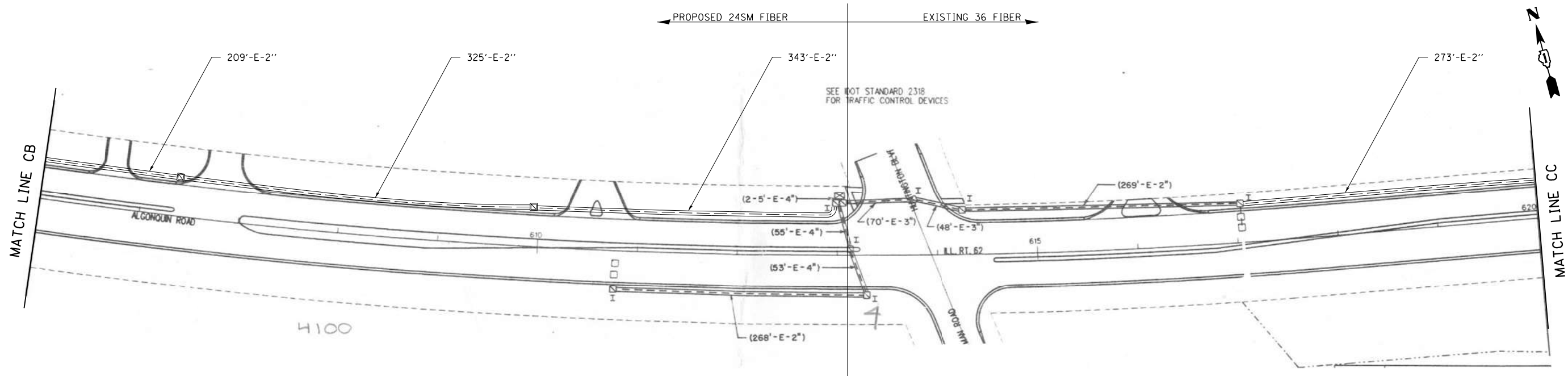
EXISTING INTERCONNECT PLAN
IL 62 (ALGONQUIN RD) BETWEEN WILLOWMERE DR AND HUNTINGTON BLVD

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	261
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

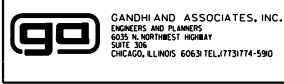
IDOT CENTRACS
FORMER ECON 95

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-502-1001.CM40 Centrac Phase 2\CADD_Sheets\242_Interconnect Plan for IL-62 West to East_4.dgn



INTERCONNECT PLAN LEGEND

CONTROLLER	PROPOSED	EXISTING
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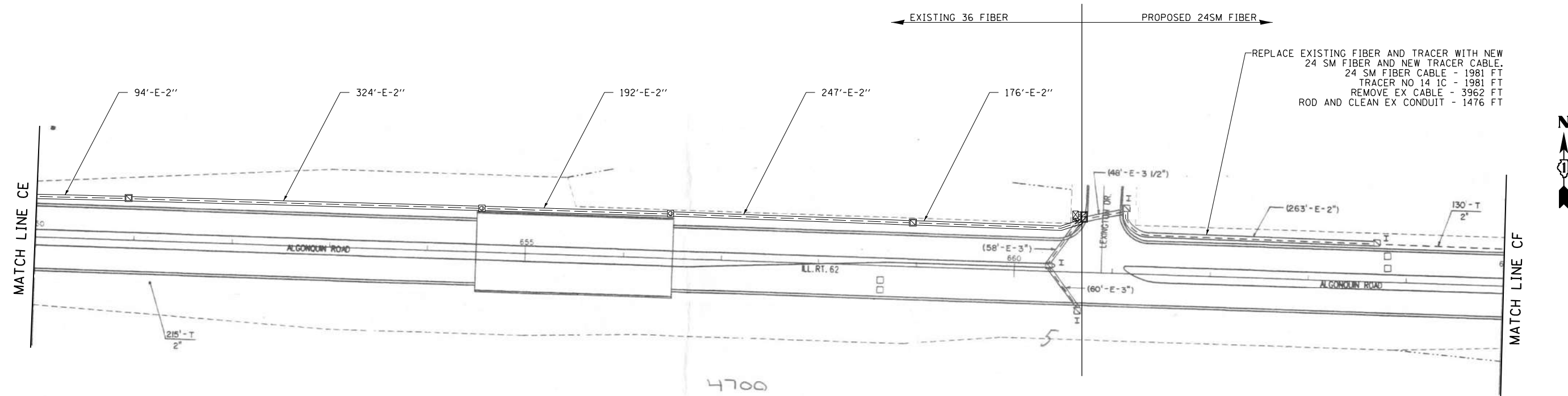
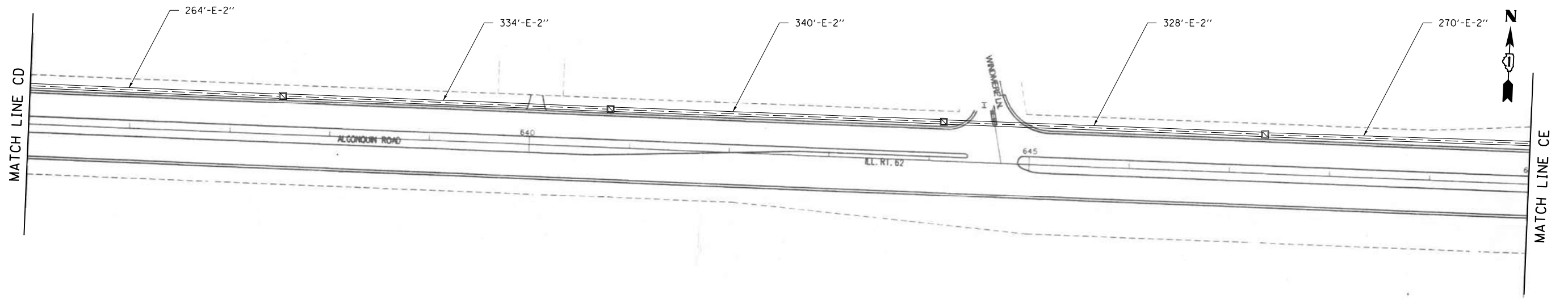
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

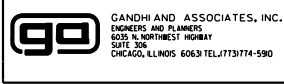
EXISTING INTERCONNECT PLAN IL 62 (ALGONQUIN RD) AT HUNTINGTON BLVD			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	262
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
FORMER ECON 95



FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-502-1001_CMAQ_Centracs Phase 2\CADD_Sheets\243_Interconnect Plan for IL-62 West to East.dgn



USER NAME = \$USER*	DESIGNED - EA	REVISED - 12-2-2022
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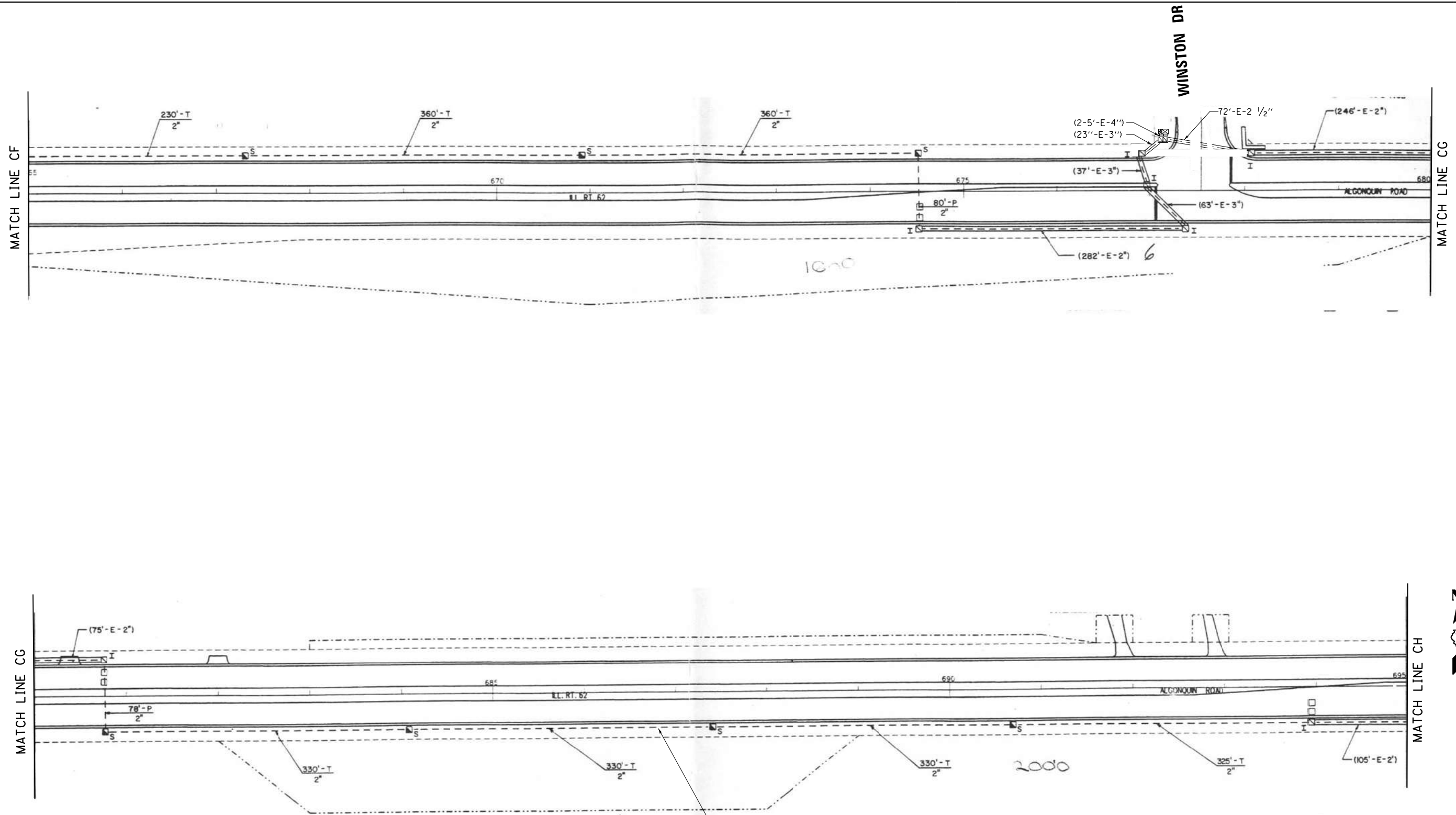
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN			
IL 62 (ALGONQUIN RD) AT LEXINGTON DR			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	263
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
FORMER ECON 95

FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-562-1001_CMAQ_Centracs Phase 2\CADD_Sheets\214_Interconnect Plan for IL-62 West to East.dgn



REPLACE EXISTING FIBER AND TRACER WITH NEW
 24 SM FIBER AND NEW TRACER CABLE.
 24 SM FIBER CABLE - 2091 FT
 TRACER NO 14 1C - 2091 FT
 REMOVE EX CABLE - 4182 FT
 ROD AND CLEAN EX CONDUIT - 1607 FT



USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
DRAWN - EA, AV	CHECKED - MS	REVISED -
PLOT SCALE = 100.0000' / 1" =	DATE - 10/31/2022	REVISED -
PLOT DATE = \$DATE\$		

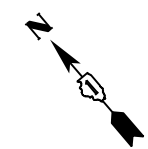
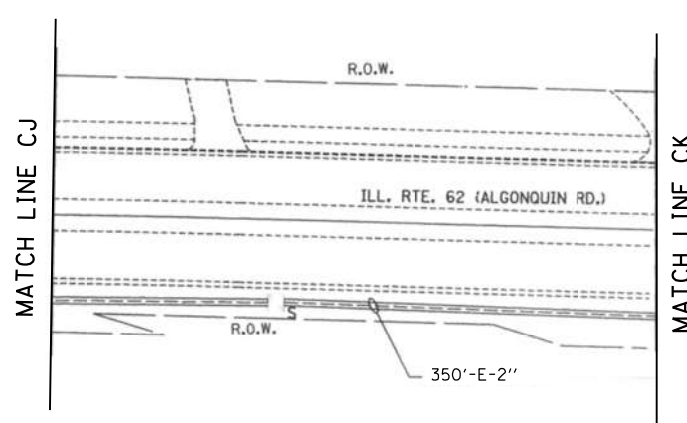
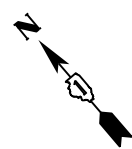
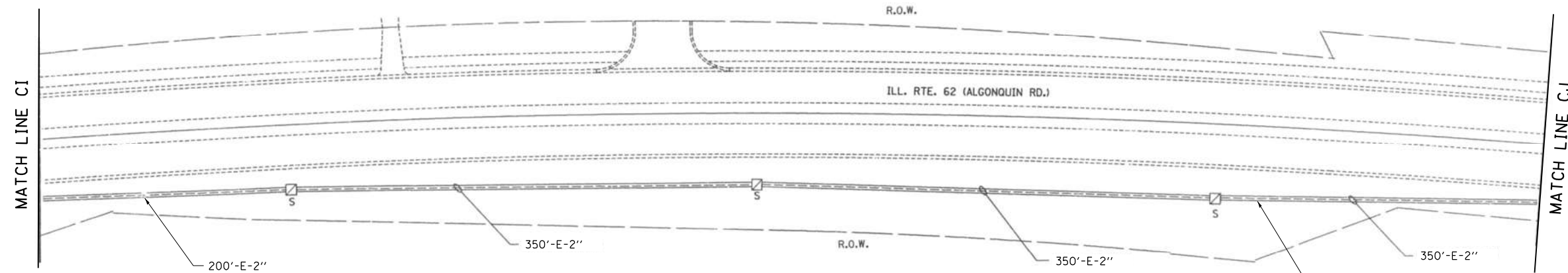
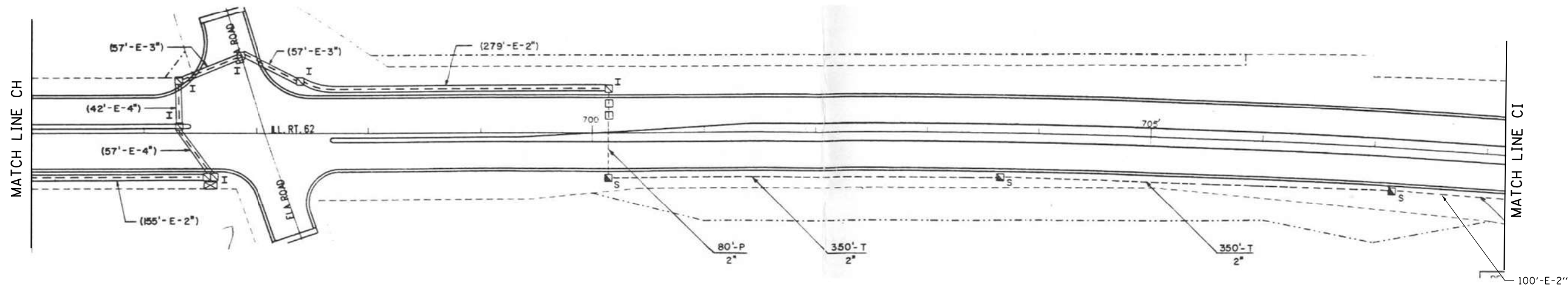
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN IL 62 (ALGONQUIN RD.) AT WINSTON DR			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	264
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
 FORMER ECON 95

FILE NAME = K:\PROJECTS\Projects_2022\22-ESR-562-1001.CM40_Centracs Phase 2\CADD_Sheets\245_Interconnect Plan for IL-62 West to East_7.dgn



REPLACE EXISTING FIBER AND TRACER WITH NEW
 24 SM FIBER AND NEW TRACER CABLE.
 24 SM FIBER CABLE - 4429 FT
 TRACER NO 14 1C - 4429 FT
 REMOVE EX CABLE - 8858 FT
 ROD AND CLEAN EX CONDUIT - 3831 FT

**IDOT CENTRACS
 FORMER ECON 95 & 96**



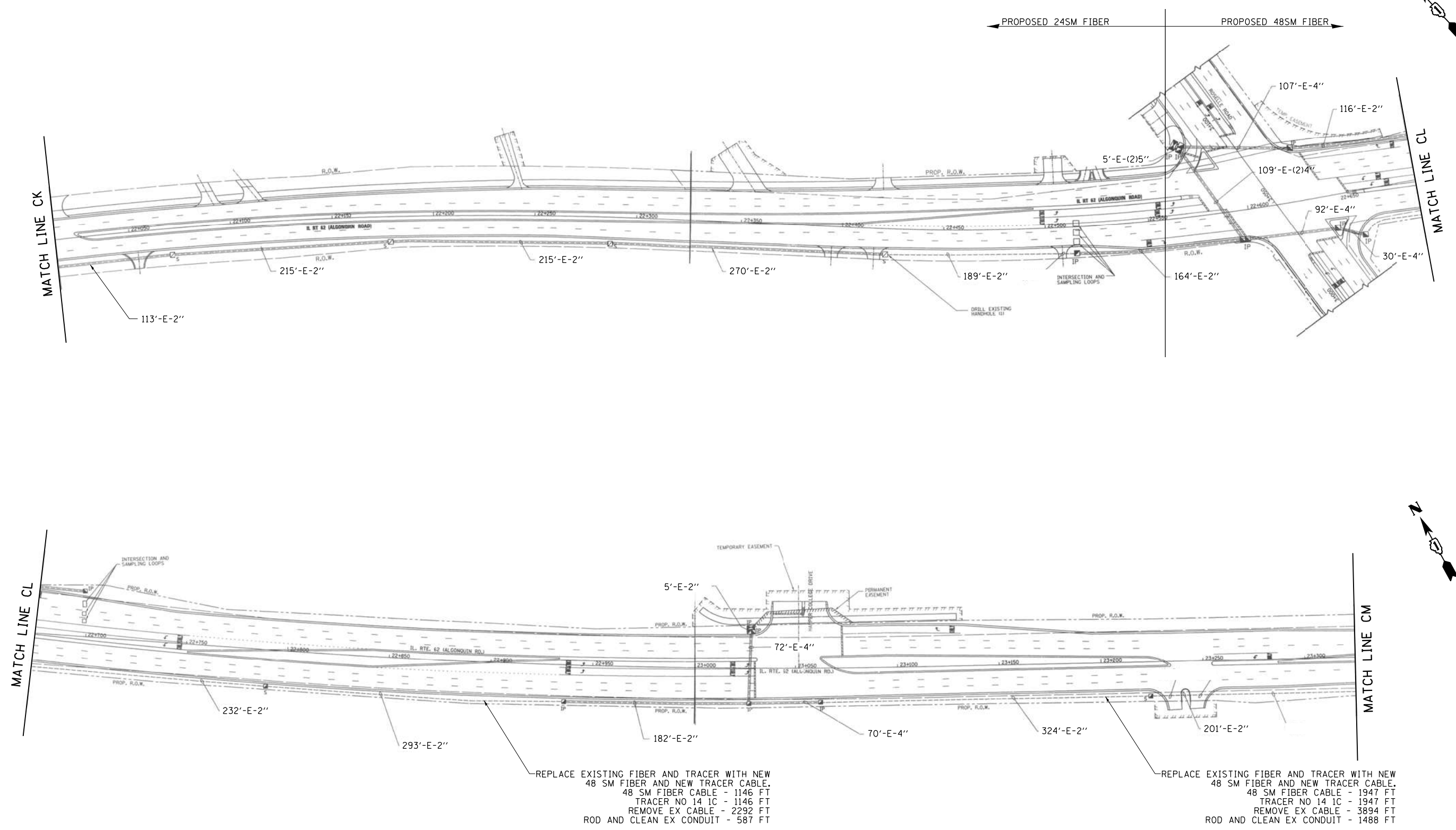
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PLOT SCALE = 100.0000' / 1".	DATE - 10/31/2022	REVISED -
PLOT DATE = \$DATE*		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING INTERCONNECT PLAN IL 62 (ALGONQUIN RD) AT ELA RD			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	265
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 62T54	

FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-562-1001_CMAQ_Centracs Phase 2\CADD_Sheets\246_Interconnect Plan for IL-62 West to East_B.dgn



REPLACE EXISTING FIBER AND TRACER WITH NEW 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 1146 FT
 TRACER NO 14 IC - 1146 FT
 REMOVE EX CABLE - 2292 FT
 ROD AND CLEAN EX CONDUIT - 587 FT

REPLACE EXISTING FIBER AND TRACER WITH NEW 48 SM FIBER AND NEW TRACER CABLE.
 48 SM FIBER CABLE - 1947 FT
 TRACER NO 14 IC - 1947 FT
 REMOVE EX CABLE - 3894 FT
 ROD AND CLEAN EX CONDUIT - 1488 FT

**IDOT CENTRACS
FORMER ECON 95 & 96**



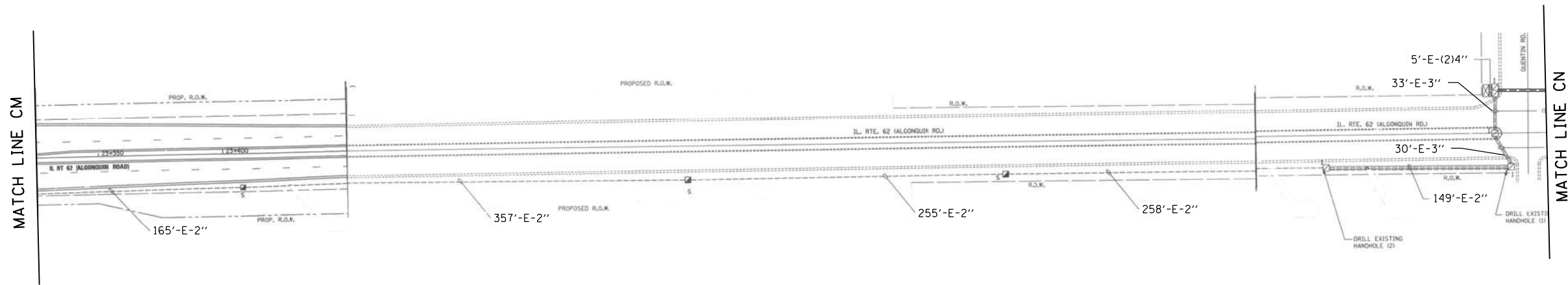
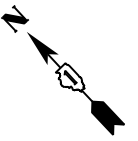
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PLOT DATE = \$DATE\$	CHECKED - MS	REVISED -
	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING INTERCONNECT PLAN
IL 62 (ALGONQUIN RD) AT ROSELLE RD AND HARPER COLLEGE DR**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	266
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE,
 48 SM FIBER CABLE - 1672 FT
 TRACER NO 14 1C - 1672 FT
 REMOVE EX CABLE - 3344 FT
 ROD AND CLEAN EX CONDUIT - 788 FT



FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-592-1001.CM40_Centrac Phase 2\CADD_Sheets\247_Interconnect Plan for IL-62 West to East.dgn

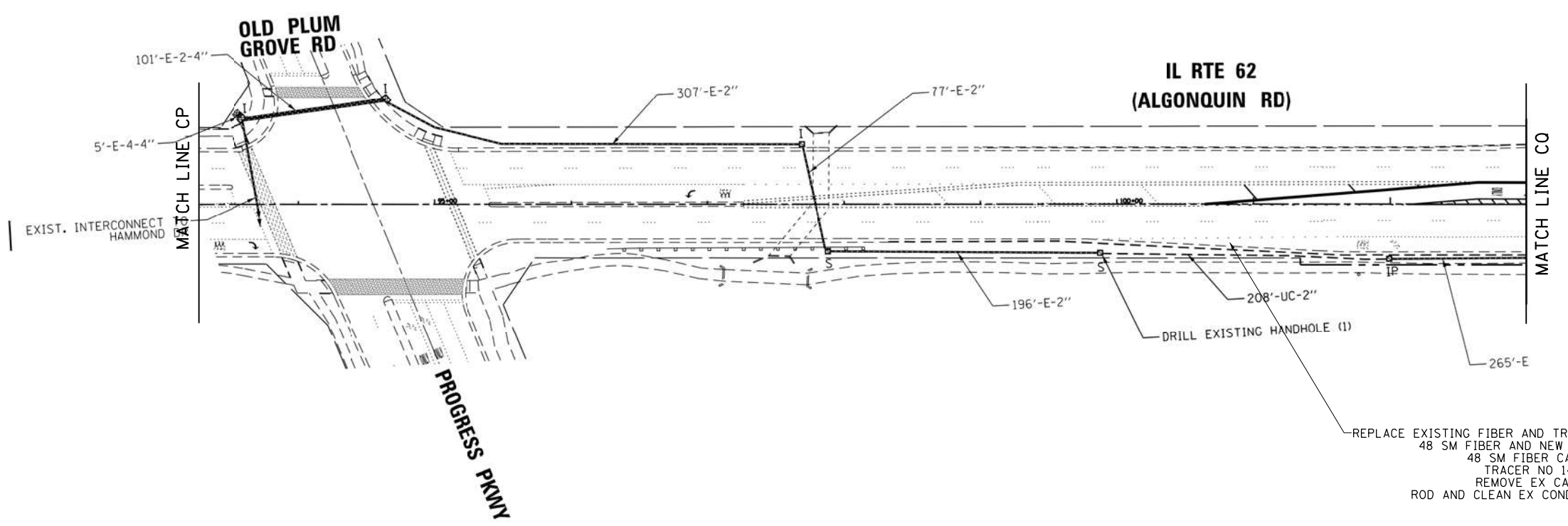
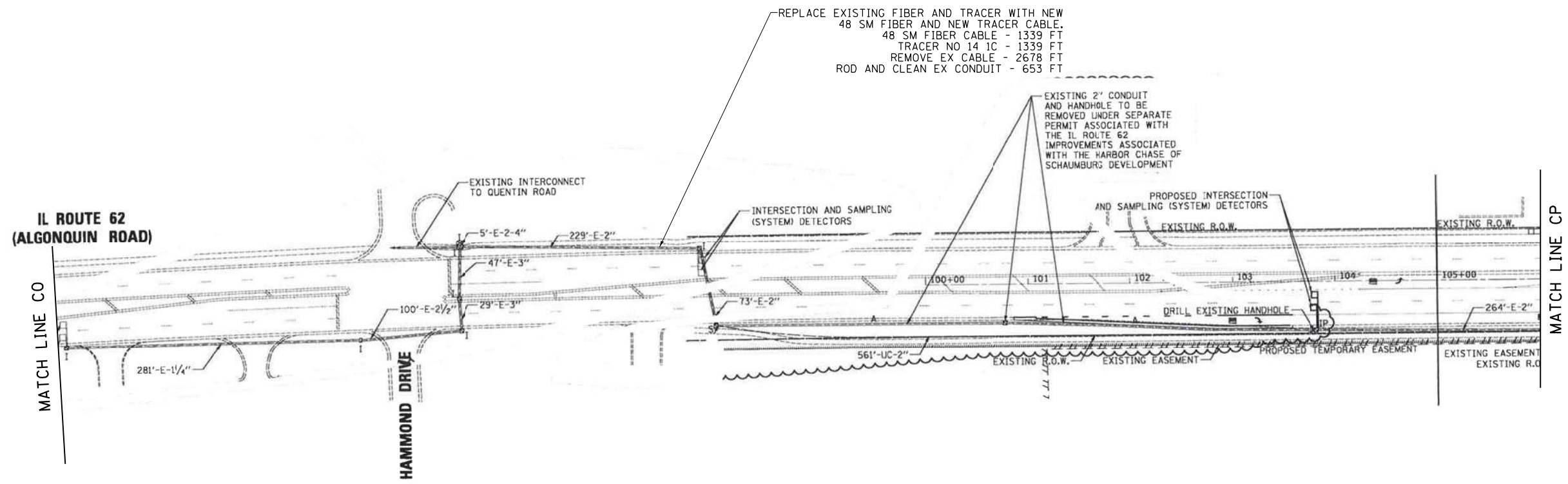
GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: 773.7174.590	USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
	PLOT SCALE = 100.0000' / 1" =	DRAWN - EA, AV	REVISED -
	PLOT DATE = \$DATE\$	CHECKED - MS	REVISED -
		DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN IL 62 (ALGONQUIN RD) AT QUENTIN RD			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	267
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
FORMER ECON 96



FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-562-1001.CM40_Centracs Phase 2\CADD_Sheets\248_Interconnect Plan for IL-62 West to East.dwg

GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 306
 CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900

USER NAME = \$USER\$	DESIGNED - EA	REVISED -
DRAWN - EA, AV	REVISED -	
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PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -

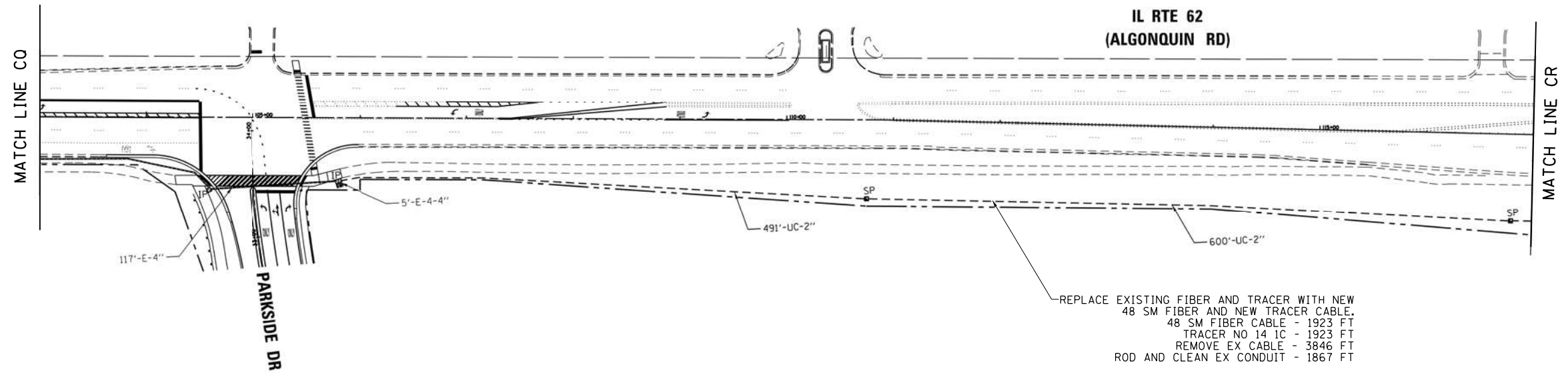
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
IL 62 (ALGONQUIN RD) AT HAMMOND DR AND PLUM GROVE RD

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	268
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
FORMER ECON 96



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE,
 48 SM FIBER CABLE - 1923 FT
 TRACER NO 14 1C - 1923 FT
 REMOVE EX CABLE - 3846 FT
 ROD AND CLEAN EX CONDUIT - 1867 FT

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001.CM40_Centracs Phase 2\CADD_Sheets\249_Interconnect Plan for IL-62 West to East.dgn



USER NAME = \$USER\$	DESIGNED - EA	REVISED -
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PLOT DATE = \$DATE\$		

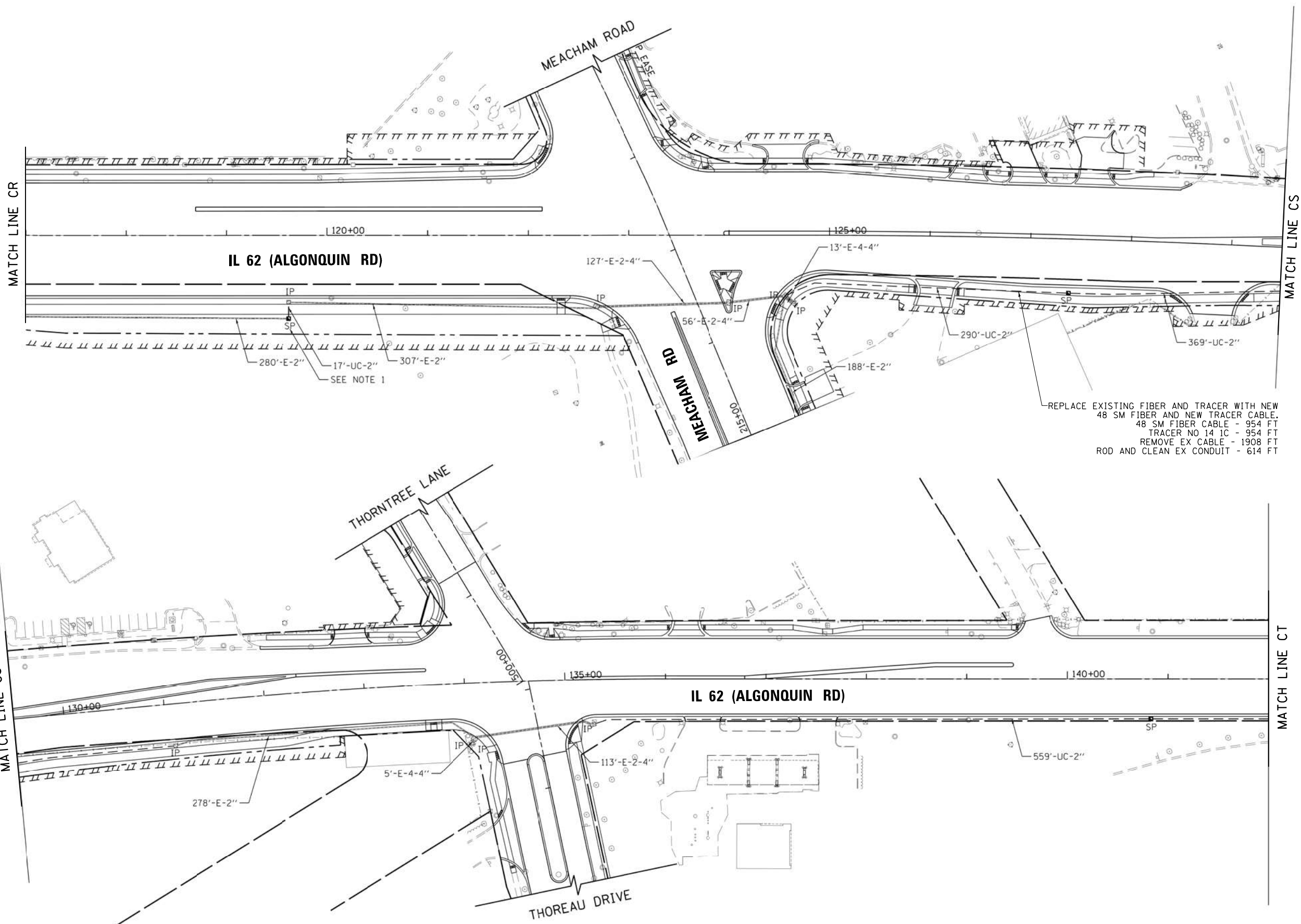
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
 IL 62 (ALGONQUIN RD) AT PARKSIDE DR AND MEACHAM RD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	269
CONTRACT NO. 62T54			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	

IDOT CENTRACS
 FORMER ECON 96

FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-562-1001_CMAQ_Centrac Phase 2\CADD_Sheets\250_Interconnect Plan for IL-62 West to East_12.dgn



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE - 954 FT
 48 SM FIBER CABLE - 954 FT
 TRACER NO 14 IC - 954 FT
 REMOVE EX CABLE - 1908 FT
 ROD AND CLEAN EX CONDUIT - 614 FT



USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
DRAWN - EA, AV	CHECKED - MS	REVISED -
DATE - 10/31/2022		

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
 IL 62 (ALGONQUIN RD) AT MEACHAM RD AND THOREAU DR

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	270
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

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

IDOT CENTRACS
 FORMER ECON 96

FILE NAME = K:\PROJECTS\Projects_2022\22-ESR-562-1001_CMAQ_Centrac Phase 2\CADD_Sheets\251_Interconnect Plan for IL-62 West to East_13.dgn



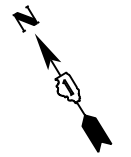
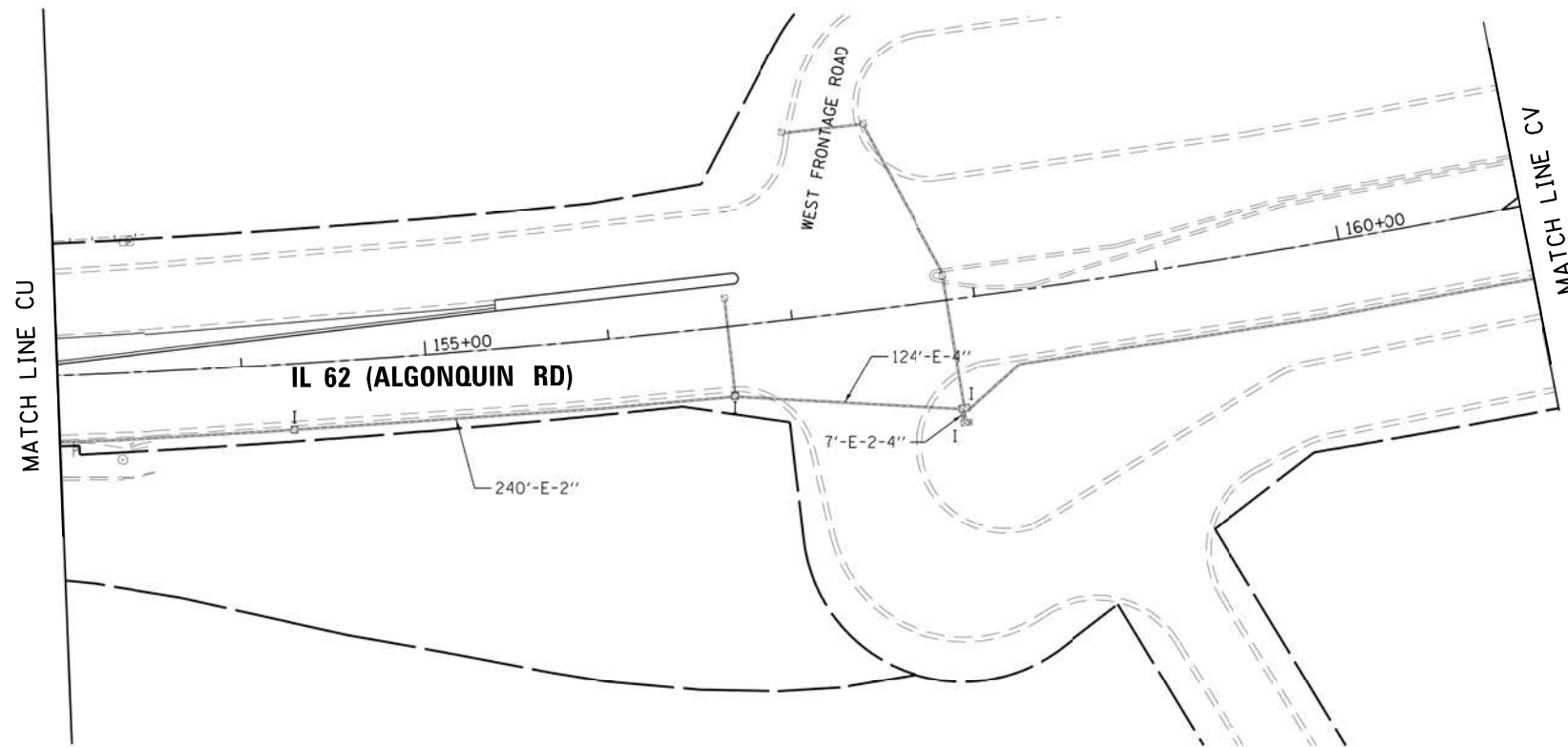
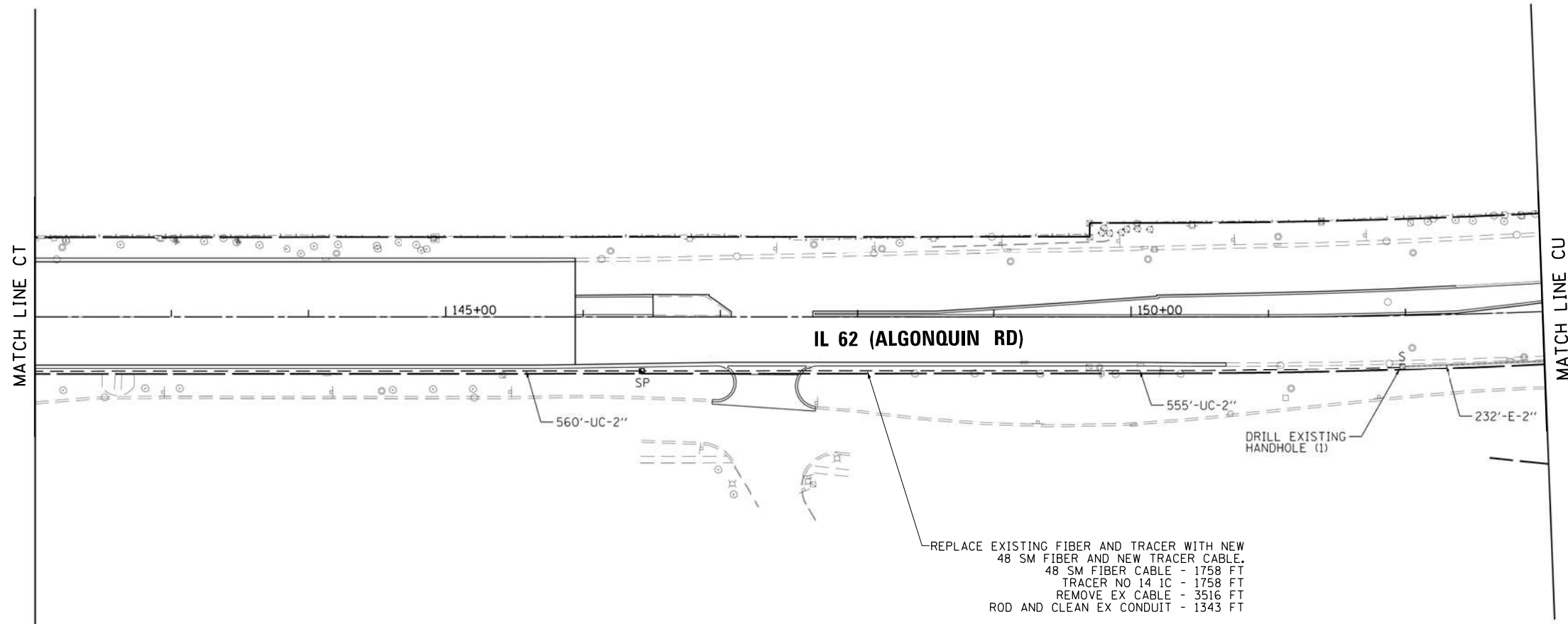
USER NAME = \$USER*	DESIGNED - EA	REVISED - 12-2-2022
DRAWN - EA, AV	CHECKED - MS	REVISED -
PLOT SCALE = 100.0000' / in.	DATE - 10/31/2022	REVISED -
PLOT DATE = \$DATE*		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING INTERCONNECT PLAN
IL 62 (ALGONQUIN RD) AT WEST FRONTAGE RD**

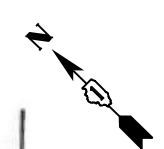
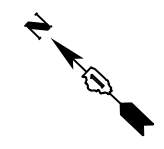
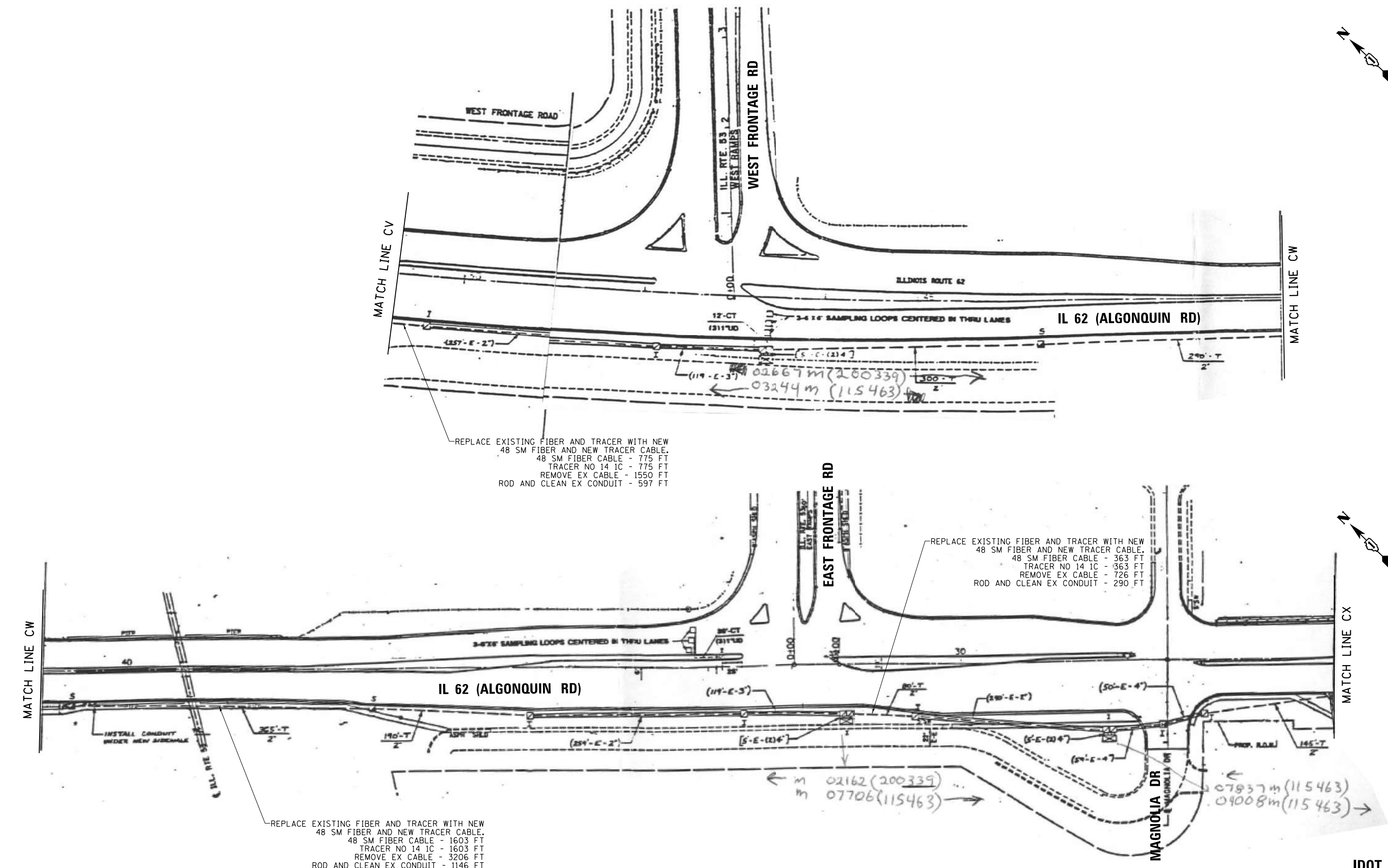
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	271
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	



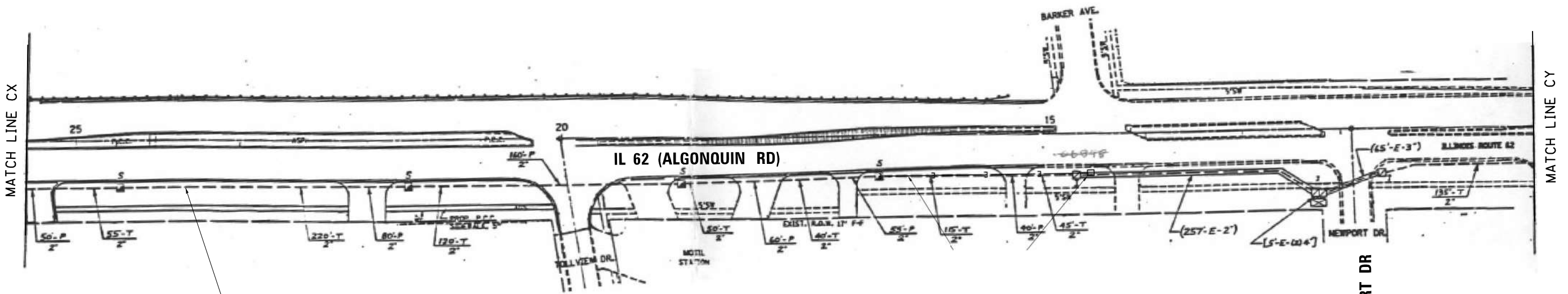
**IDOT CENTRACS
FORMER ECON 96**

FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-592-1001.CM40 Centrac Phase 2\CADD_Sheets\252_Interconnect Plan for IL-62 West to East.dgn

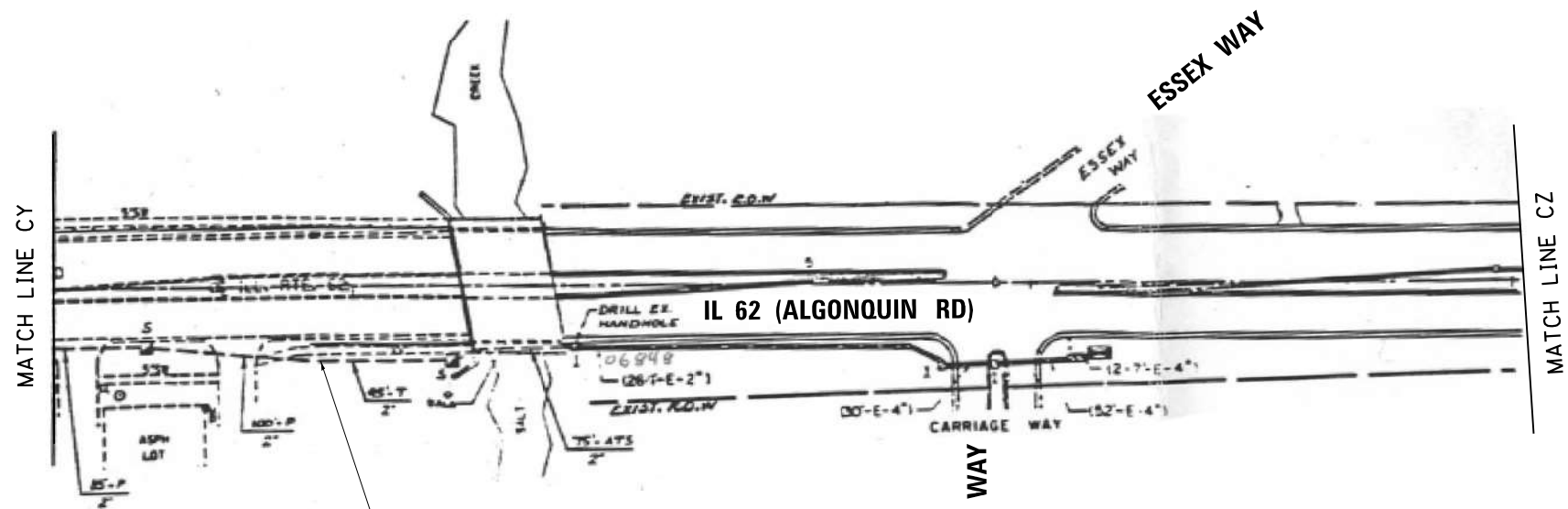


**IDOT CENTRACS
 FORMER ECON 96**

 GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 306 CHICAGO, ILLINOIS 60630 TEL: 773-774-590	USER NAME = \$USER\$	DESIGNED - EA	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING INTERCONNECT PLAN IL 62 (ALGONQUIN RD) AT WEST FRONTAGE RD TO MANGNOLIA DR				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	VAR.	2023 TRAFFIC 02	VARIOUS	306
PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -							FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT CONTRACT NO. 62T54				

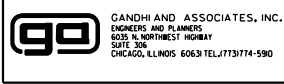


REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE,
 48 SM FIBER CABLE - 1699 FT
 TRACER NO 14 1C - 1699 FT
 REMOVE EX CABLE - 3398 FT
 ROD AND CLEAN EX CONDUIT - 1241 FT



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE,
 48 SM FIBER CABLE - 994 FT
 TRACER NO 14 1C - 994 FT
 REMOVE EX CABLE - 1988 FT
 ROD AND CLEAN EX CONDUIT - 496 FT

FILE NAME = K:\PROJECTS\Projects_2022\22-ESR-562-1001_CMAQ_Centracs Phase 2\CADD_Sheets\253_Interconnect Plan for IL-62 West to East_15.dgn



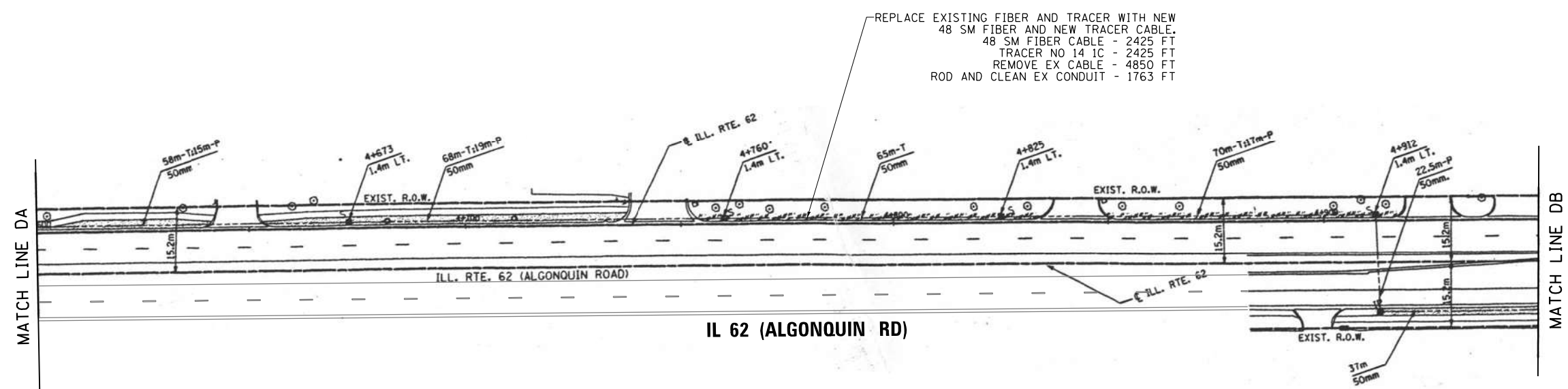
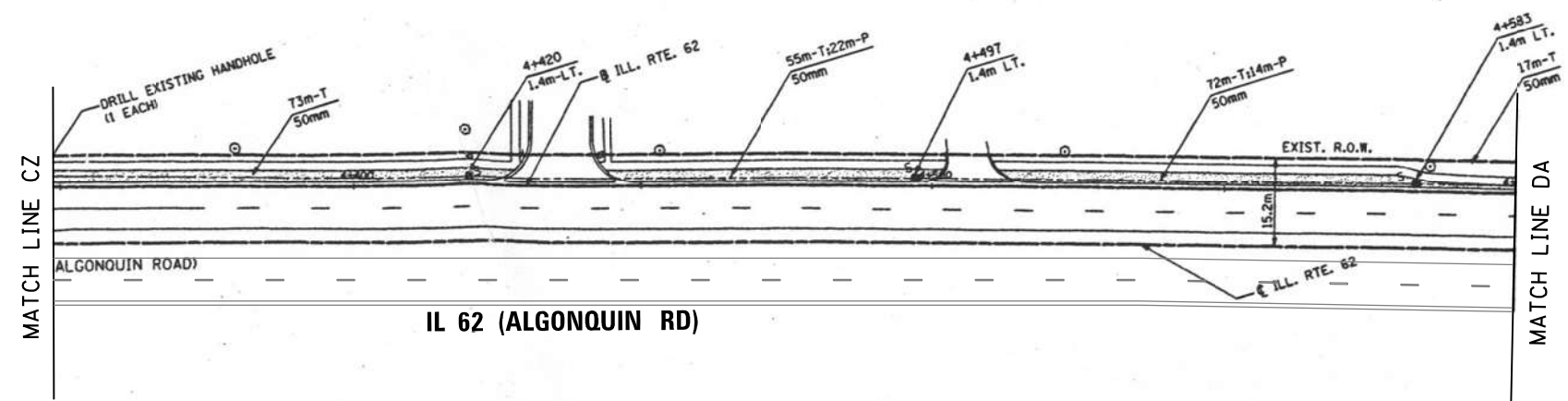
USER NAME = \$USER\$	DESIGNED - EA	REVISED -
PLOT SCALE = 100.0000' / 1" =	DRAWN - EA, AV	REVISED -
PLOT DATE = \$DATE\$	CHECKED - MS	REVISED -
	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING INTERCONNECT PLAN IL 62 (ALGONQUIN RD) AT NEWPORT DR AND ESSEX WAY				
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	273
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT				

**IDOT CENTRACS
FORMER ECON 96**



FILE NAME = K:\PROJECTS\Projects 2022\22-ESR-562-1001.CM40 Centrac Phase 2\CADD_Sheets\254_Interconnect Plan for IL-62 West to East\16.dgn

GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 5035 N. NORTHWEST HIGHWAY SUITE 300 CHICAGO, ILLINOIS 60630 TEL: (773) 774-5900	USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
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	PLOT DATE = \$DATE\$	DATE - 10/31/2022	REVISED -

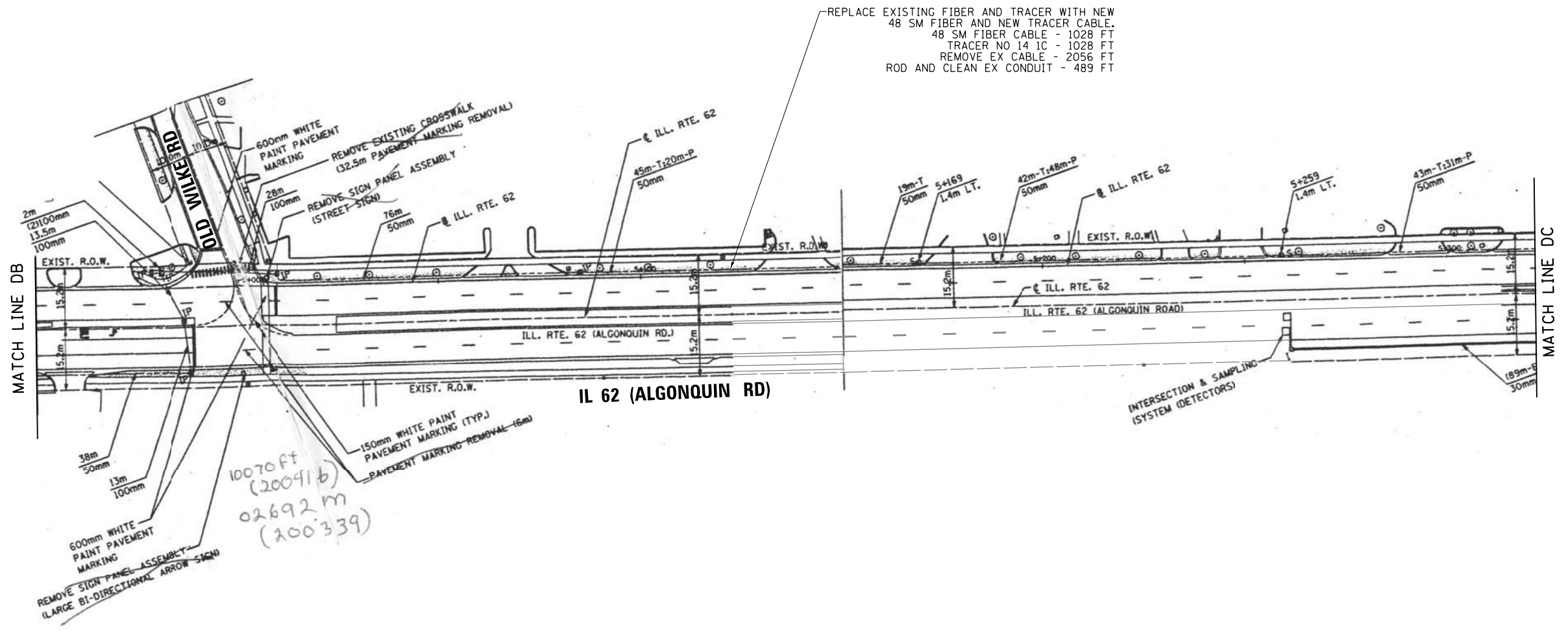
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
IL 62 (ALGONQUIN RD) AT ESSEX WAY

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	274
			CONTRACT NO. 62T54	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
FORMER ECON 96



FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-562-1001.CM40_Centrac Phase 2\CADD_Sheets\285_Interconnect Plan for IL-62 West to East.17.dgn

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 306
CHICAGO, ILLINOIS 60630 TEL: 773.717.590

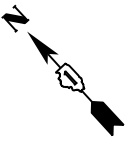
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DRAWN - EA, AV	CHECKED - MS	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

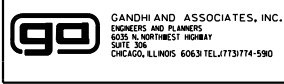
EXISTING INTERCONNECT PLAN IL 62 (ALGONQUIN RD) AT OLD WILKE RD			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	275
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**IDOT CENTRACS
FORMER ECON 96**



FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-562-1001-CMAQ_Centracs Phase 2\CADD_Sheets\256_Interconnect Plan for IL-62 West to East.dwg



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PLOT DATE = \$DATE*	CHECKED - MS	REVISED -
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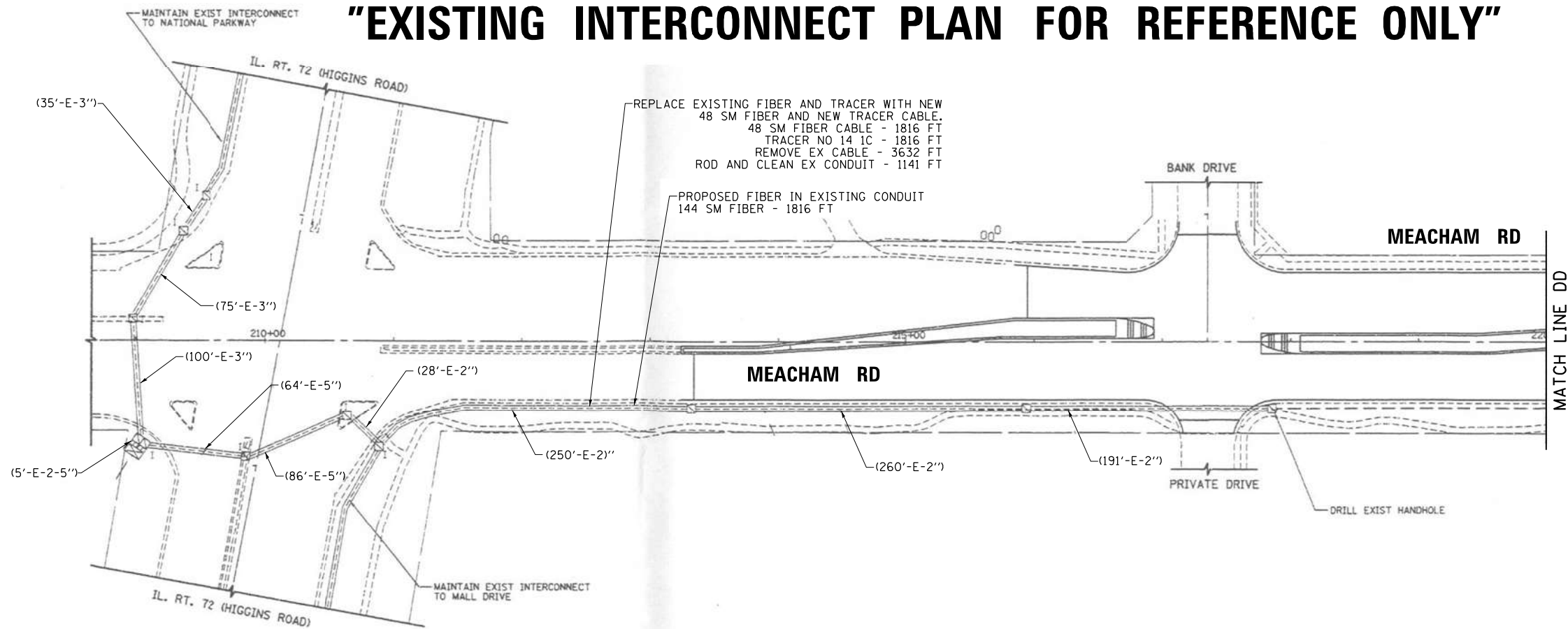
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN			
IL 62 (ALGONQUIN RD) AT NEW WILKE RD AND WALMART ENT			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

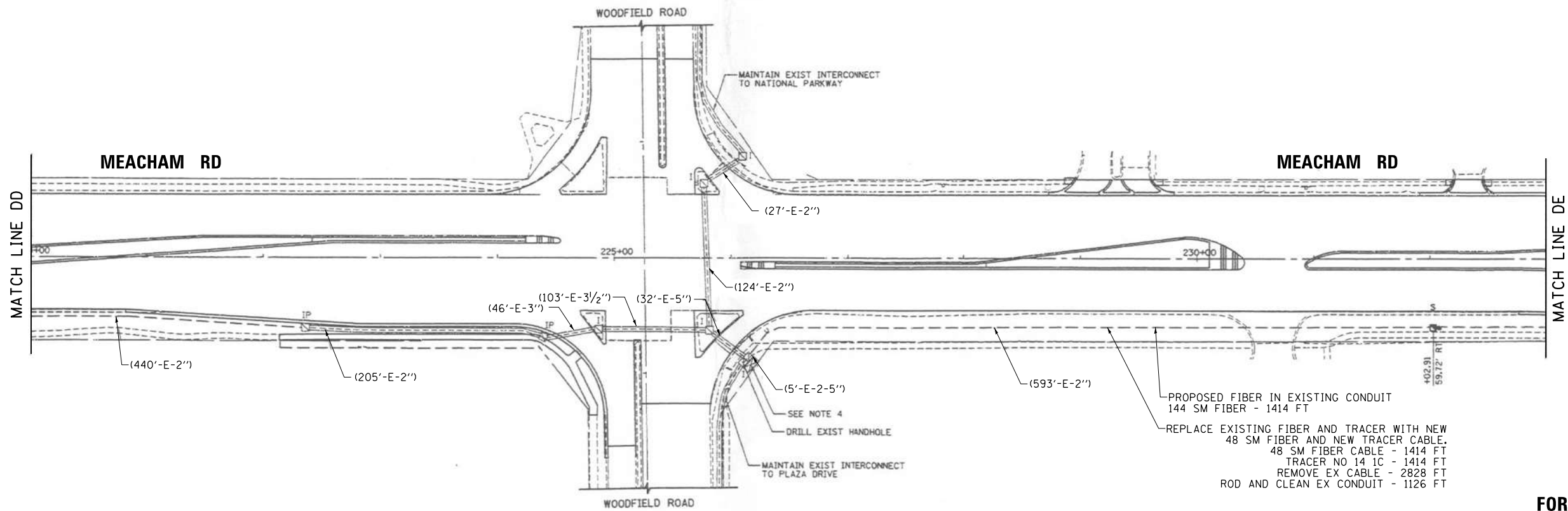
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	276
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
 FORMER ECON 96

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"



MATCH LINE DD



MATCH LINE DD

MATCH LINE DE



FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-562-1001.CM40_Centracs Phase 2\CADD_Sheets\257_Interconnect Plan for Meacham Rd South to North.dgn



USER NAME = \$USER*	DESIGNED - EA	REVISED -
DRAWN - EA, AV	REVISIONS -	
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PLOT DATE = \$DATE*	DATE - 10/31/2022	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

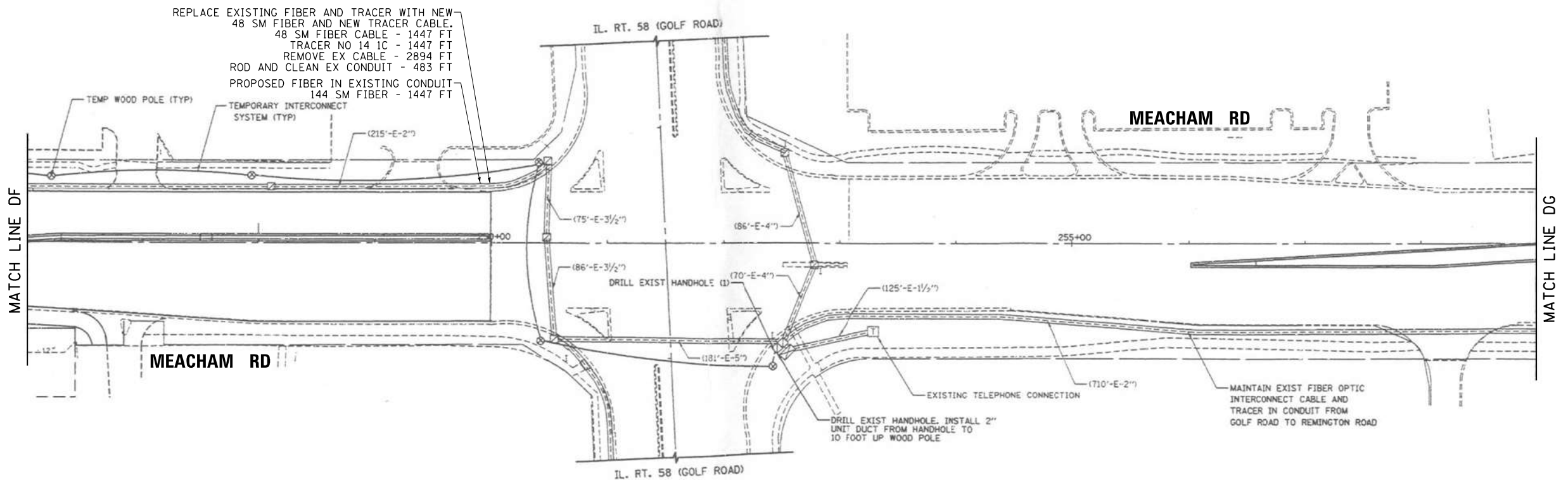
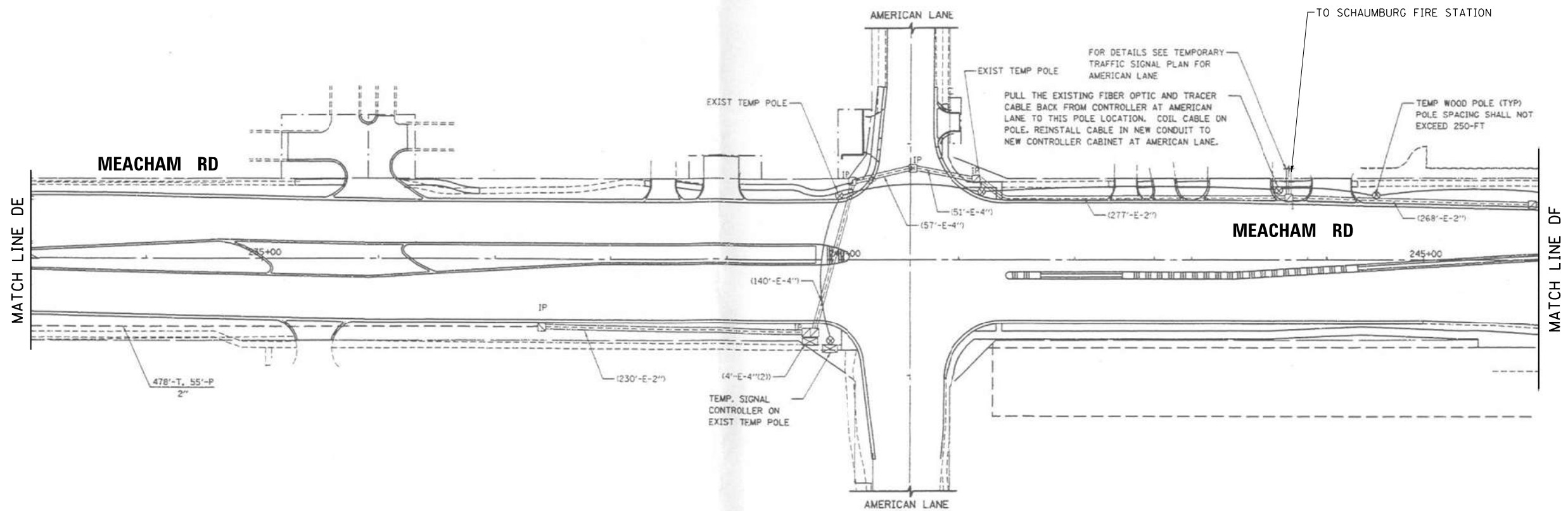
**EXISTING INTERCONNECT PLAN
MEACHAM RD AT IL RTE 72 (HIGGINS RD) AND WOODFIELD RD**

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

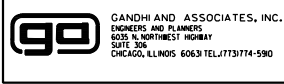
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	277
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT			CONTRACT NO. 62T54	

**IDOT CENTRACS
FORMER ECON 78, 84, 96**

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"



FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-592-1001_CMAQ_Centrac Phase 2\CADD_Sheets\258_Interconnect Plan for Meacham Rd South to North.dgn



USER NAME = \$USER\$	DESIGNED - EA	REVISED - 12-2-2022
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

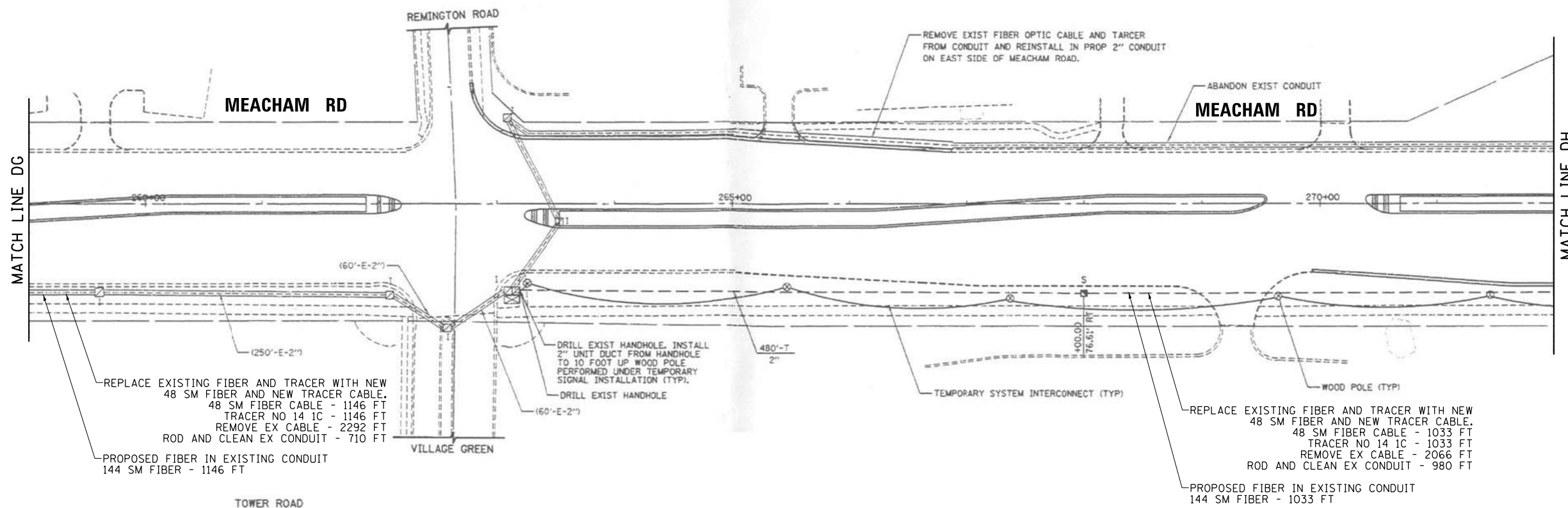
EXISTING INTERCONNECT PLAN
MEACHAM RD AT AMERICAN LN AND IL RTE 58 (GOLF RD)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	278
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

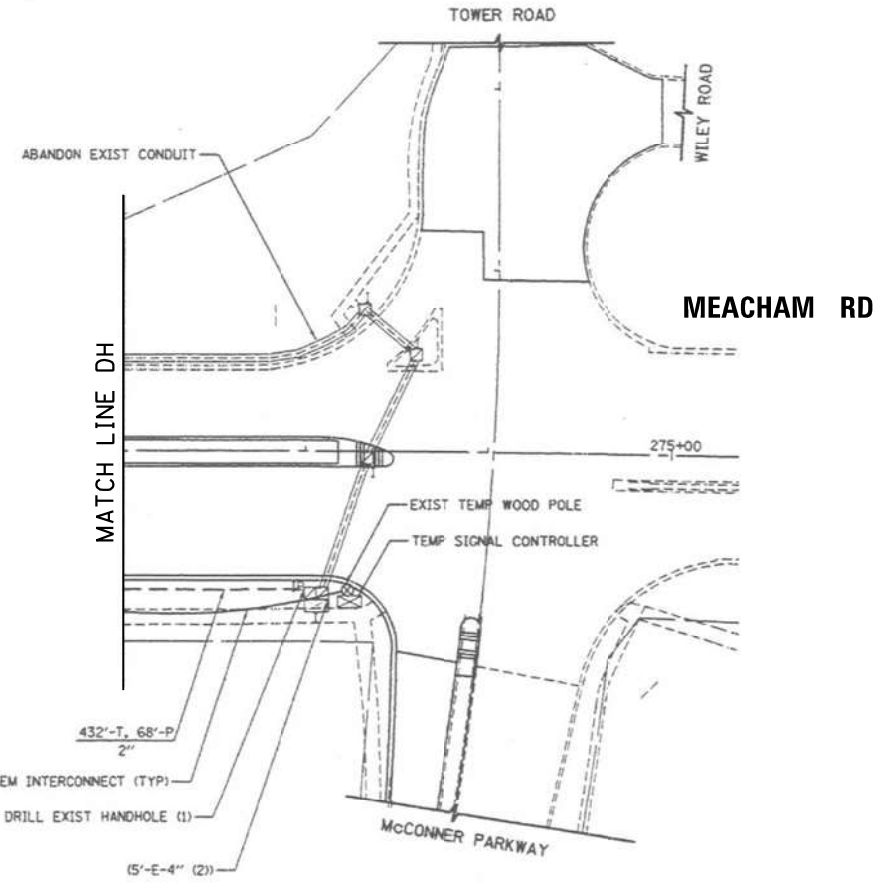
IDOT CENTRACS
FORMER ECON 78, 84, 96

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE,
 48 SM FIBER CABLE - 1146 FT
 TRACER NO 14 1C - 1146 FT
 REMOVE EX CABLE - 2292 FT
 ROD AND CLEAN EX CONDUIT - 710 FT
 PROPOSED FIBER IN EXISTING CONDUIT
 144 SM FIBER - 1146 FT

REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE,
 48 SM FIBER CABLE - 1033 FT
 TRACER NO 14 1C - 1033 FT
 REMOVE EX CABLE - 2066 FT
 ROD AND CLEAN EX CONDUIT - 980 FT
 PROPOSED FIBER IN EXISTING CONDUIT
 144 SM FIBER - 1033 FT



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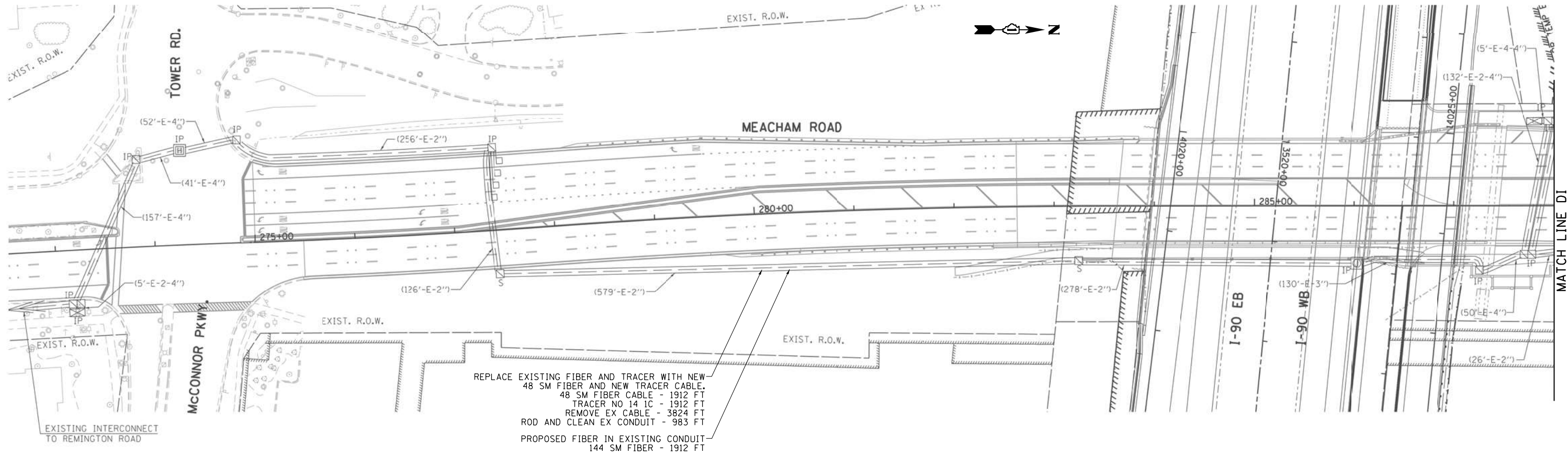
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN MEACHAM RD AT REMINGTON RD AND TOWER RD			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

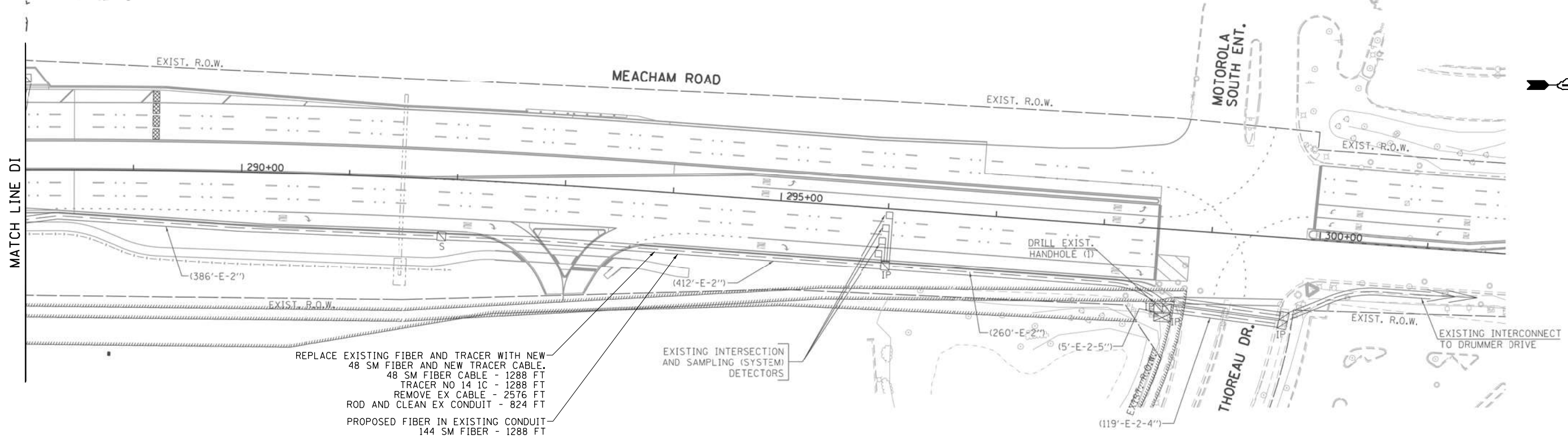
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	279
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
FORMER ECON 78, 84, 96



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE
 48 SM FIBER CABLE - 1912 FT
 TRACER NO 14 IC - 1912 FT
 REMOVE EX CABLE - 3824 FT
 ROD AND CLEAN EX CONDUIT - 983 FT
 PROPOSED FIBER IN EXISTING CONDUIT
 144 SM FIBER - 1912 FT

EXISTING INTERCONNECT
 TO REMINGTON ROAD



REPLACE EXISTING FIBER AND TRACER WITH NEW
 48 SM FIBER AND NEW TRACER CABLE
 48 SM FIBER CABLE - 1288 FT
 TRACER NO 14 IC - 1288 FT
 REMOVE EX CABLE - 2576 FT
 ROD AND CLEAN EX CONDUIT - 824 FT
 PROPOSED FIBER IN EXISTING CONDUIT
 144 SM FIBER - 1288 FT

EXISTING INTERSECTION
 AND SAMPLING (SYSTEM)
 DETECTORS

EXISTING INTERCONNECT
 TO DRUMMER DRIVE

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"

**IDOT CENTRACS
 FORMER ECON 78, 84, 96**

FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-592-1001.CM40 Centracs Phase 2\CADD_Sheets\288_Interconnect Plan for Meacham Rd South to North.dgn

GO GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 300
 CHICAGO, ILLINOIS 60639 TEL: 773.714.590

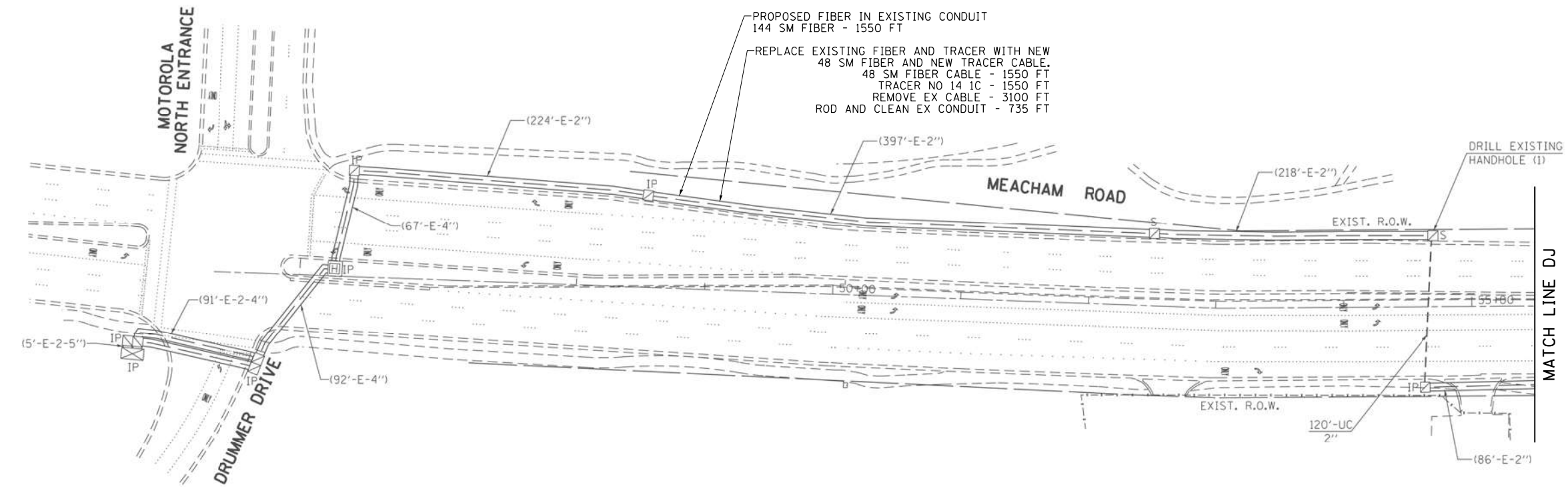
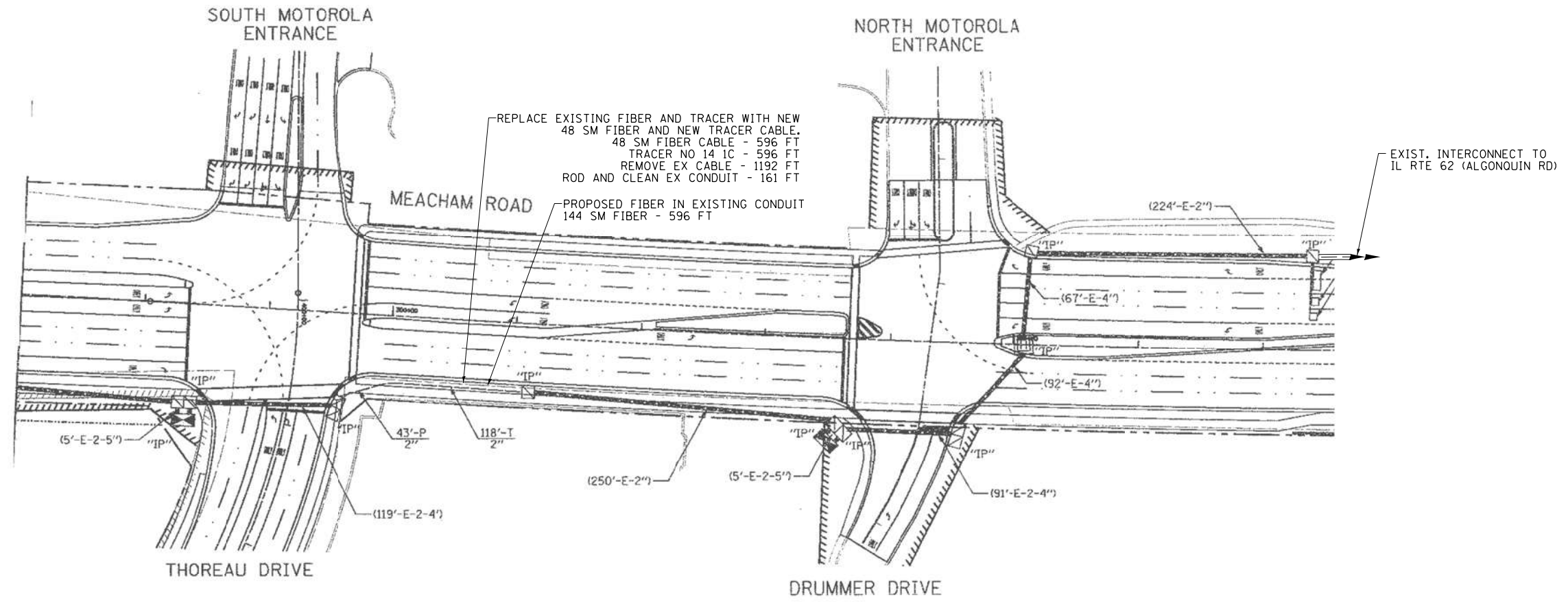
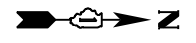
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	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING INTERCONNECT PLAN			
MEACHAM RD AT TOWER RD AND I-90 WB EXIT RAMP AND THOREAU DR			
SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	

F.A. RTE. VAR.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 02	VARIOUS	306	280
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"



FILE NAME = K:\PROJECTS\Projects\2022-22-ESR-592-1001-CM40-Centracs Phase 2\CADD_Sheets\281_Interconnect Plan for Meacham Rd South to North_5.dgn

GO GANDHI AND ASSOCIATES, INC.
ENGINEERS AND PLANNERS
6035 N. NORTHWEST HIGHWAY
SUITE 300
CHICAGO, ILLINOIS 60630 TEL: 773-774-5900

USER NAME = \$USER\$	DESIGNED - EA	REVISED -
	DRAWN - EA, AV	REVISED -
PLOT SCALE = 100.0000' / 1" =	CHECKED - MS	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

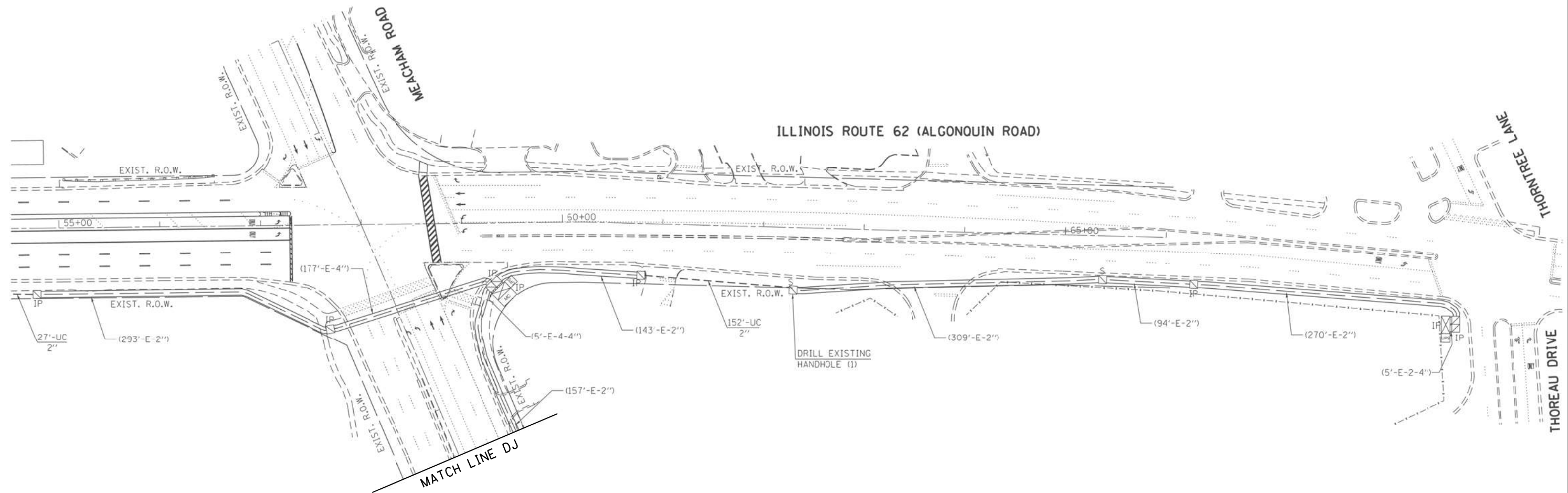
**EXISTING INTERCONNECT PLAN
MEACHAM RD AT THOREAU DR AND DRUMMER DR**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	281
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

**IDOT CENTRACS
FORMER ECON 78, 84, 96**

"EXISTING INTERCONNECT PLAN FOR REFERENCE ONLY"



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GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 5035 N. NORTHWEST HIGHWAY SUITE 300 CHICAGO, ILLINOIS 60630 TEL: 773.774.590	USER NAME = \$USER\$	DESIGNED - EA	REVISED -
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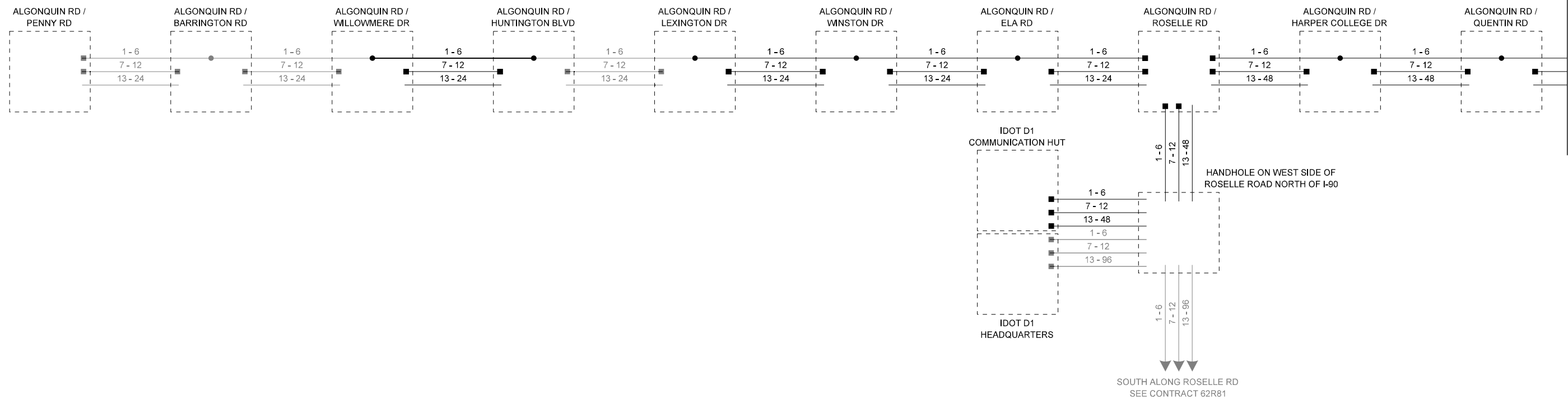
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING INTERCONNECT PLAN
MEACHAM RD AT IL RTE 62 (ALGONQUIN RD)

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2023 TRAFFIC 02	VARIOUS	306	282
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

IDOT CENTRACS
FORMER ECON 78, 84, 96



- □ — 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

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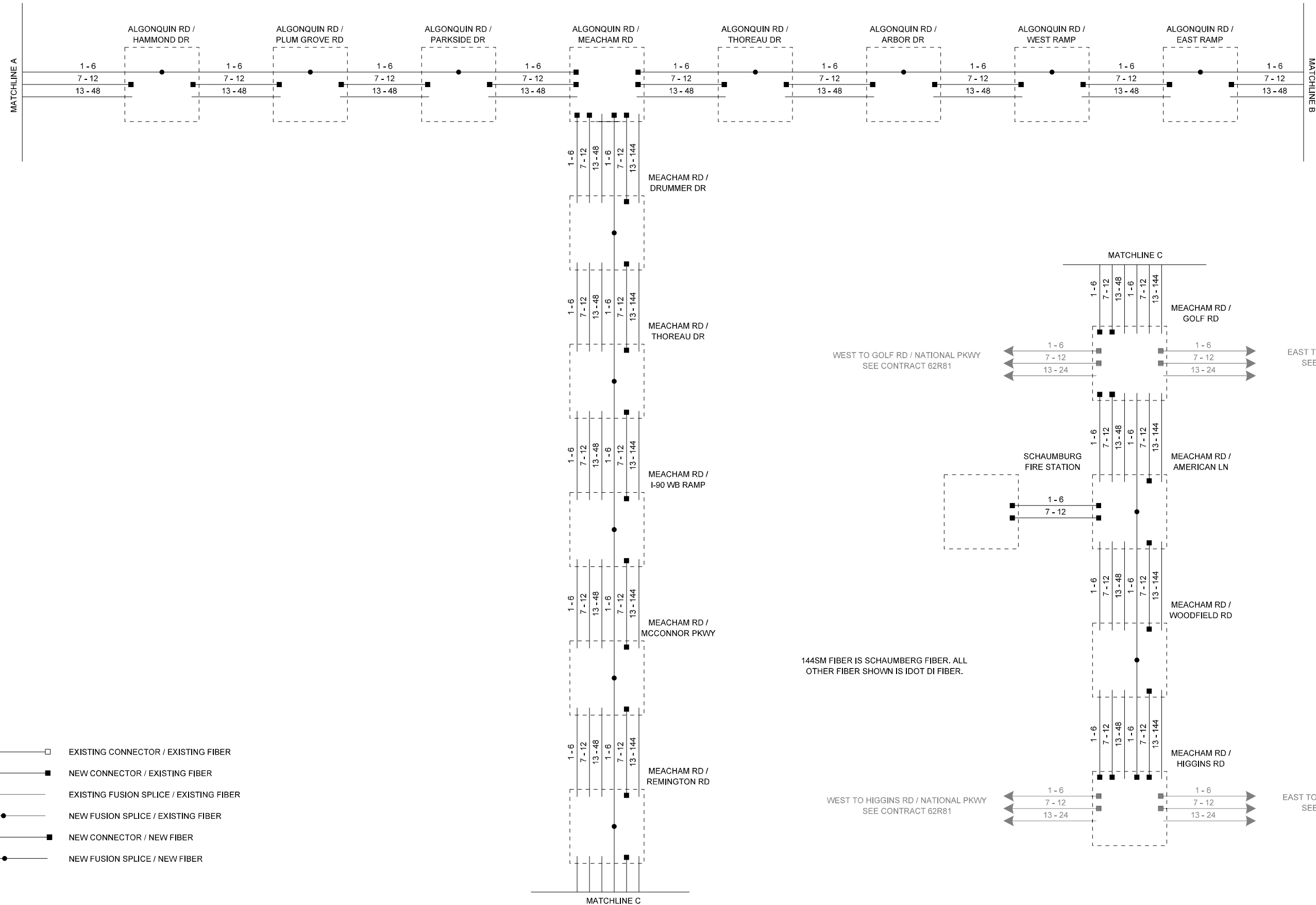
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER SPLICING DIAGRAM SHEET (1 OF 6)
ALGONQUIN RD AT ROSELLE RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	283
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MATCHLINE A



- □ — 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

144SM FIBER IS SCHAUMBURG FIBER. ALL OTHER FIBER SHOWN IS IDOT DI FIBER.

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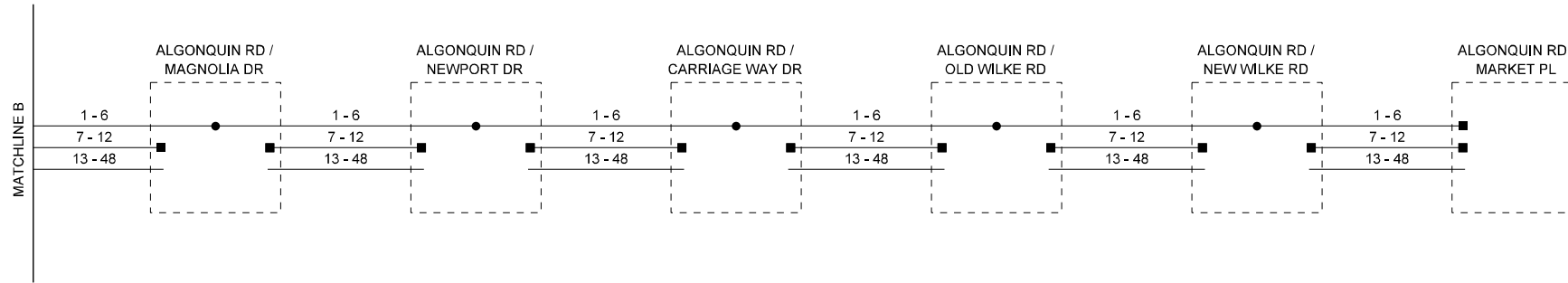
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PLOT DATE = 12/6/2022	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER SPlicing DIAGRAM SHEET (2 OF 6)
ALGONQUIN RD AT MEACHAM RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	284
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



- □ — EXISTING CONNECTOR / EXISTING FIBER
- ■ — NEW CONNECTOR / EXISTING FIBER
- — EXISTING FUSION SPLICE / EXISTING FIBER
- ● — NEW FUSION SPLICE / EXISTING FIBER
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- ● — NEW FUSION SPLICE / NEW FIBER

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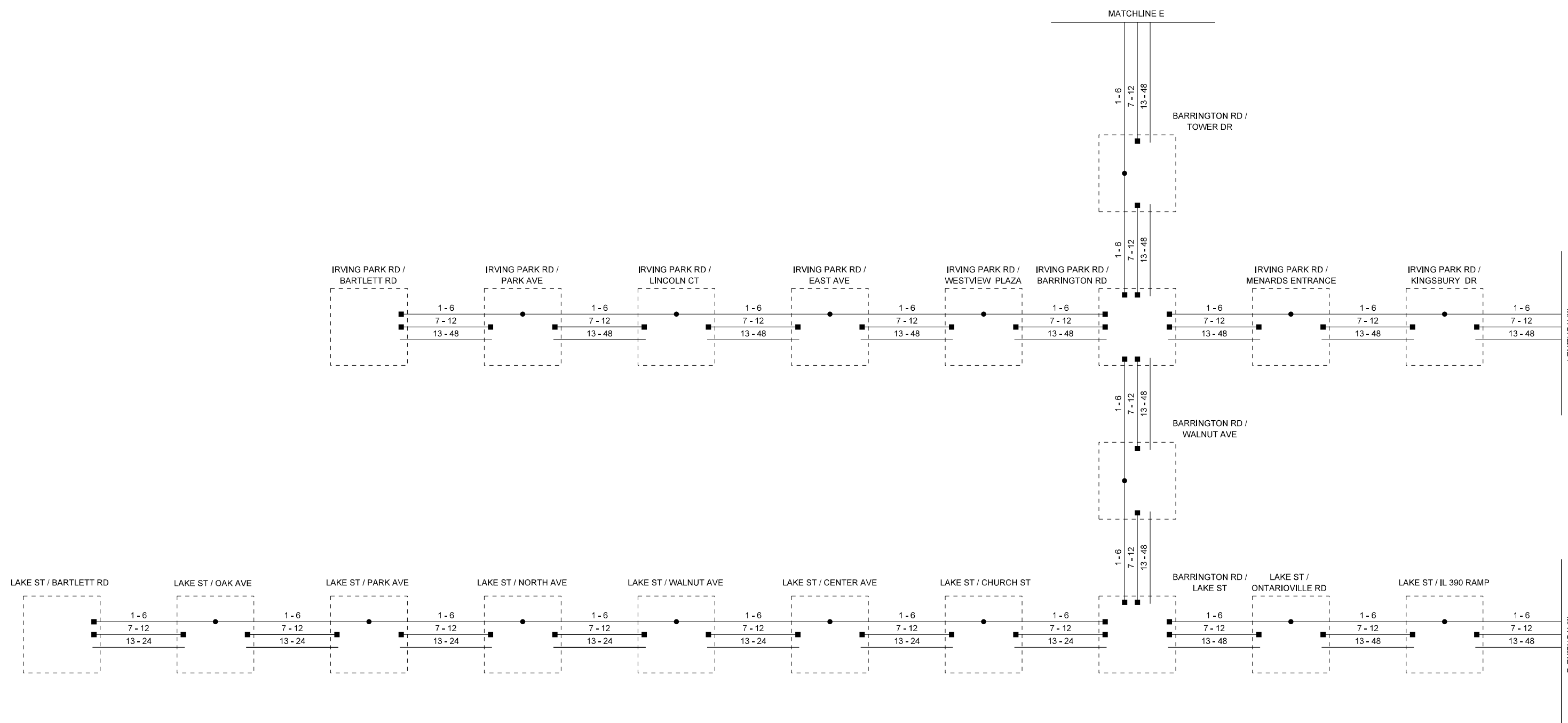
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PLOT DATE = 12/6/2022	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER SPlicing DIAGRAM SHEET (3 OF 6)
ALGONQUIN RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	285
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	



- □ — 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

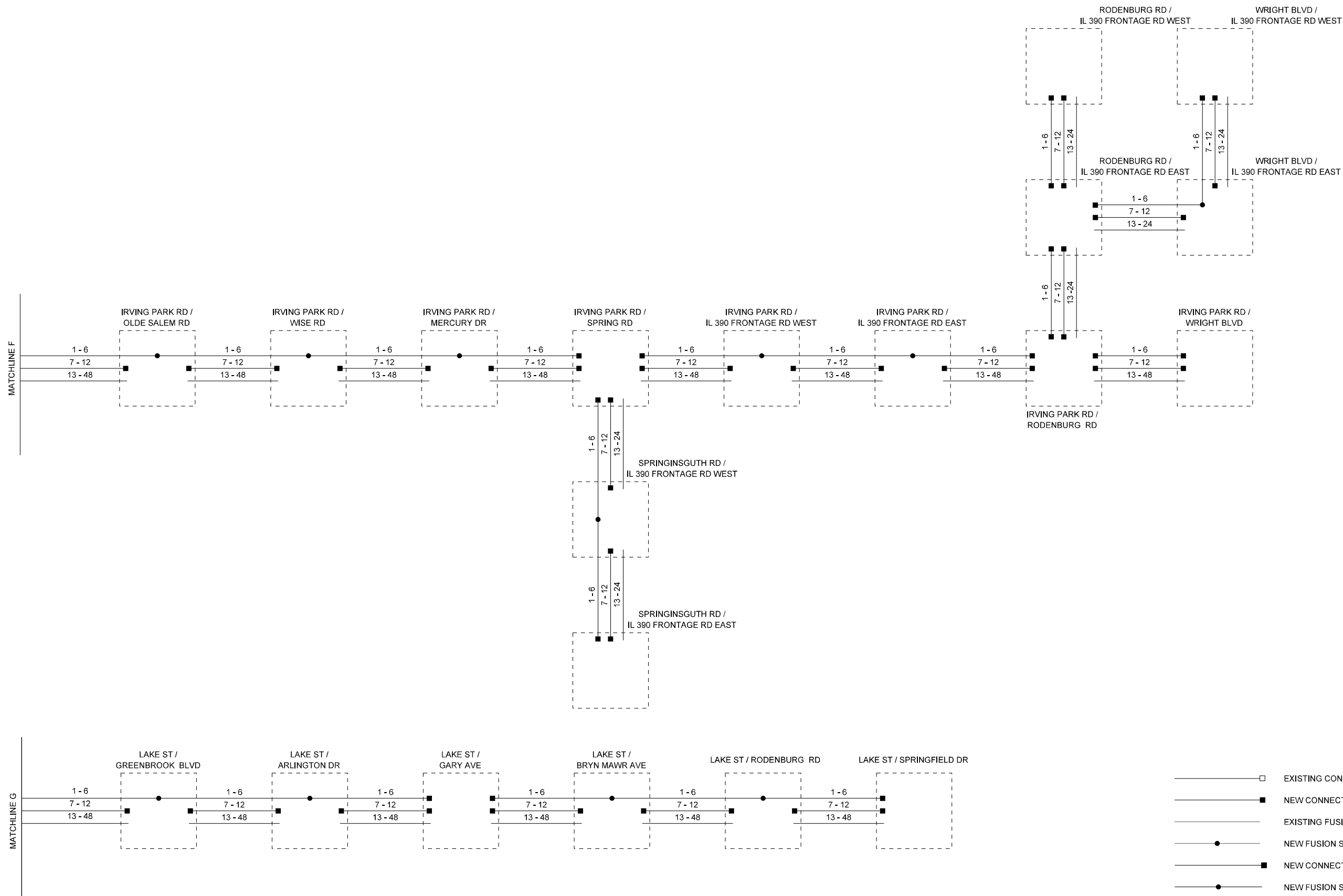
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	DATE - 10/31/2022	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIBER SPLICING DIAGRAM SHEET (4 OF 6)			
IRVING PARK RD AND LAKE ST AT BARRINGTON RD			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	286
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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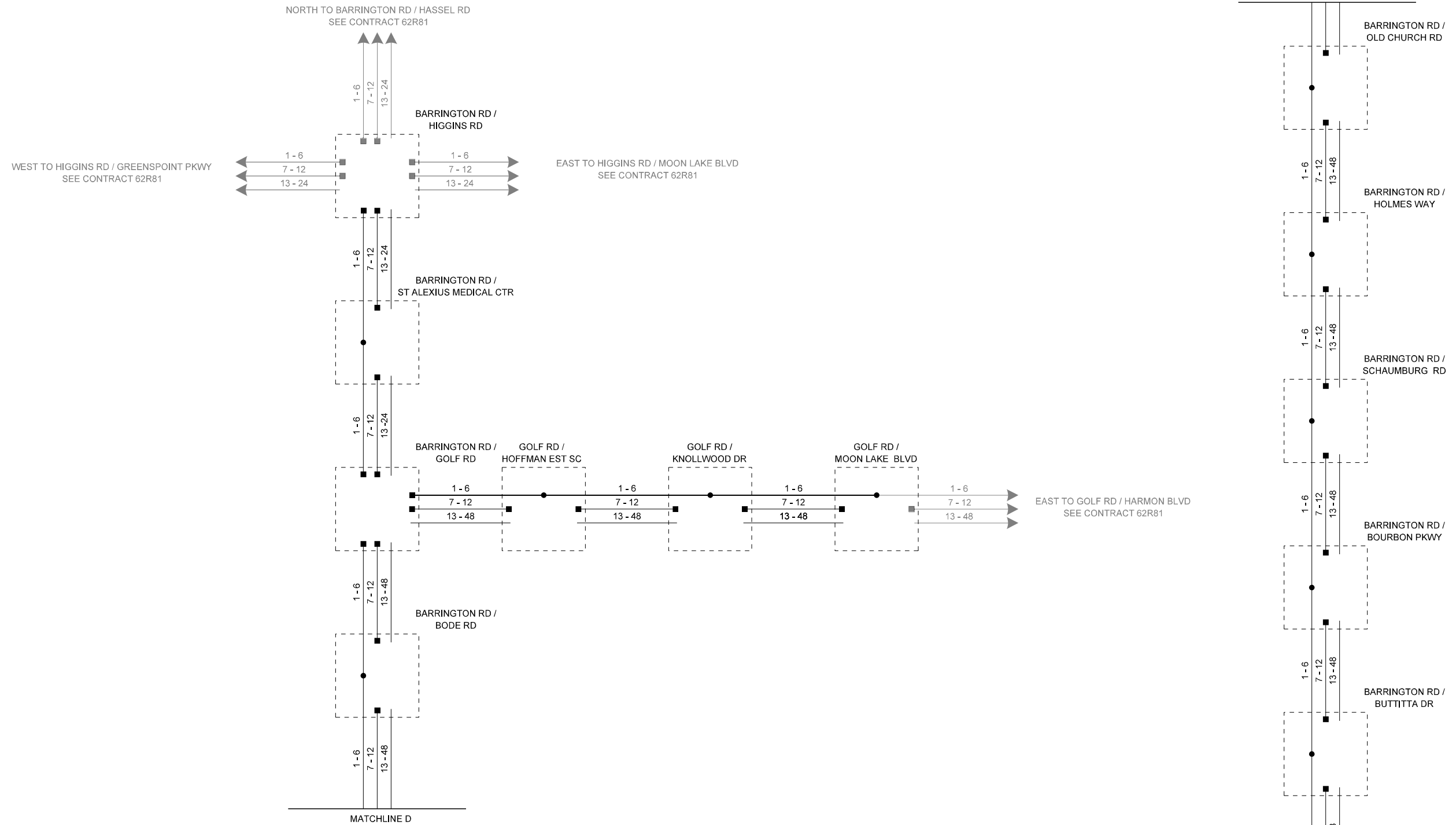
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PLOT SCALE = 20,0000 * / in.	DATE - 10/31/2022	REVISED -
PLOT DATE = 12/6/2022		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER SPlicing DIAGRAM SHEET (5 OF 6)
IRVING PARK RD AND LAKE ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	287
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	



- □ — 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

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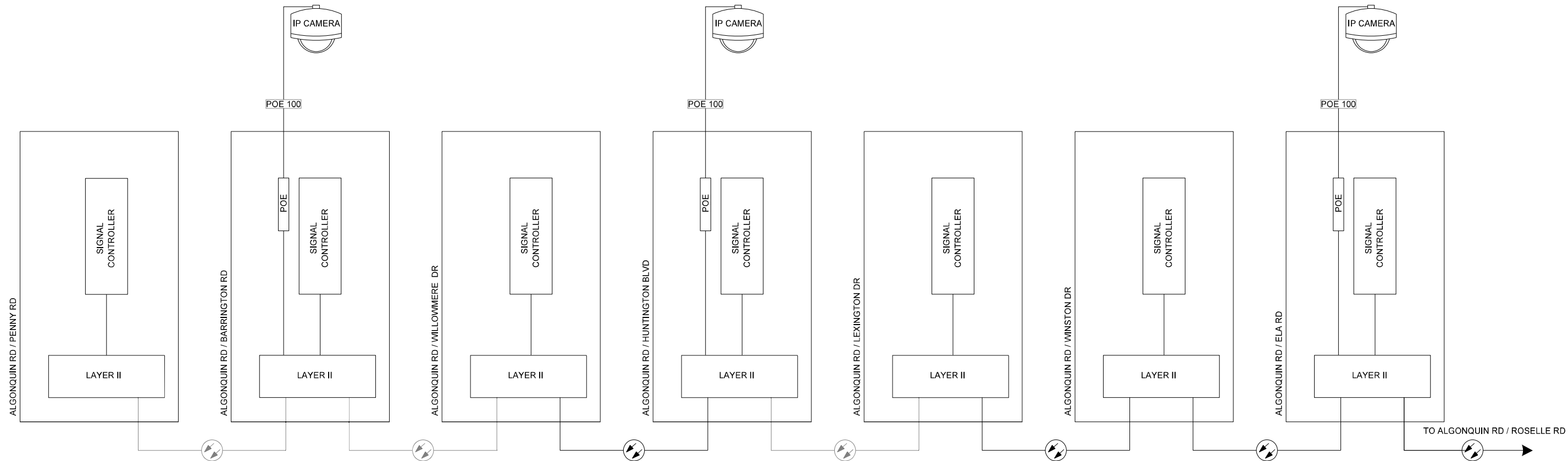
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PLOT DATE = 12/6/2022	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER SPlicing DIAGRAM SHEET (6 OF 6)
BARRINGTON RD AT GOLF RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	288
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	



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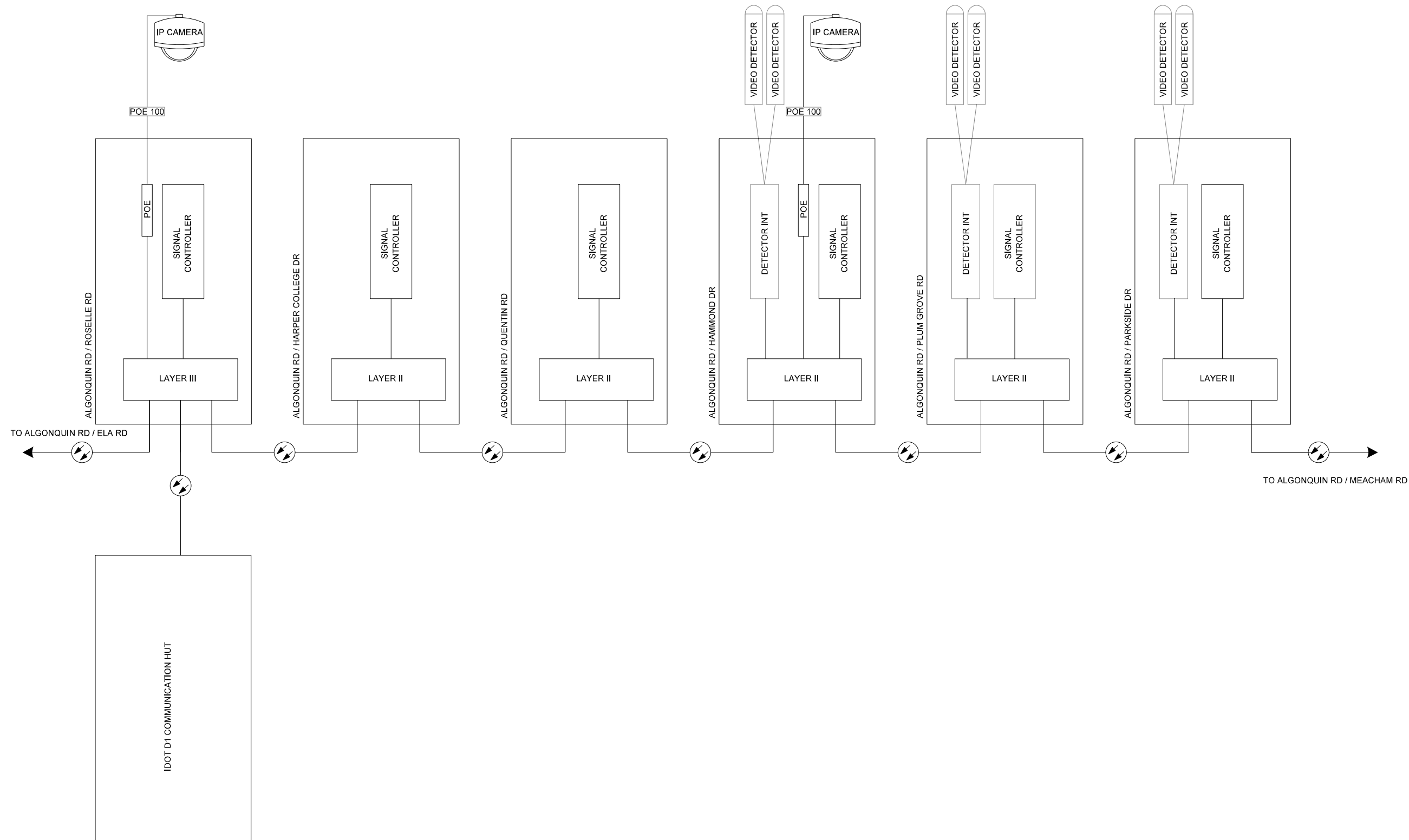
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PLOT DATE = 12/6/2022	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CABINET DETAIL SHEET (1 OF 12)
 ALGONQUIN RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	289
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	



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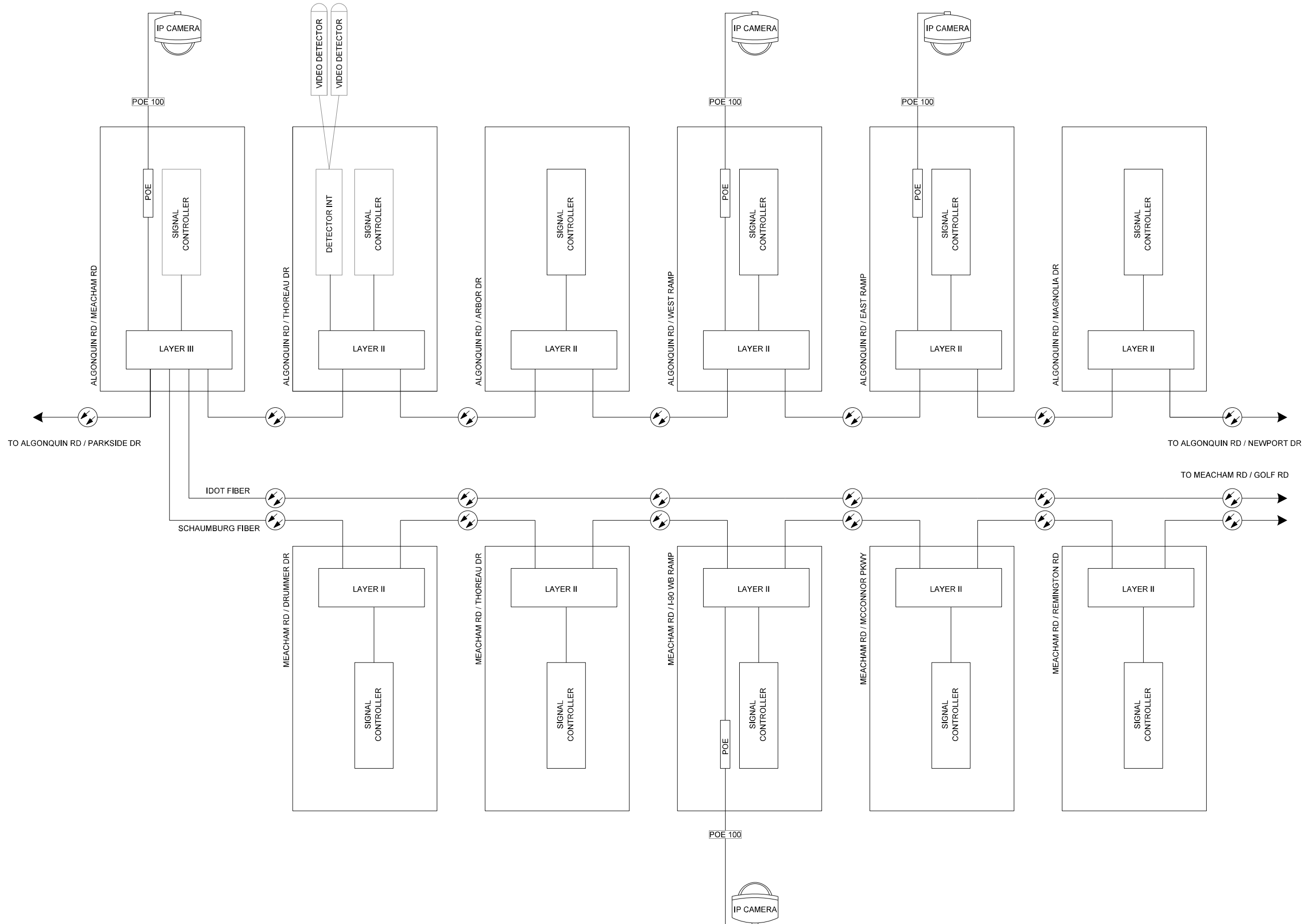
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PLOT DATE = 12/7/2022	DATE - 10/31/2022	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABINET DETAIL SHEET (2 OF 12)
ALGONQUIN RD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	290
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	



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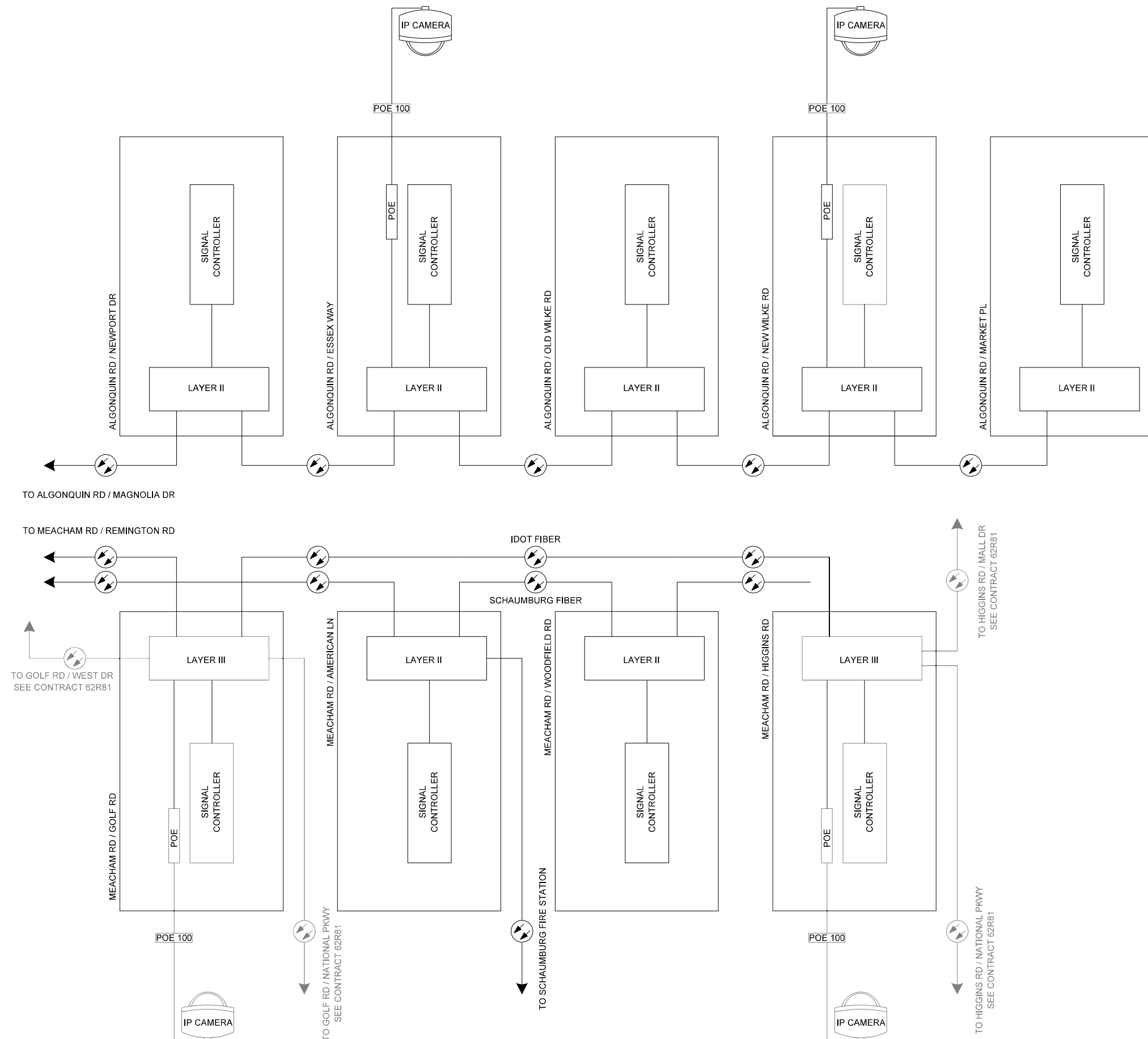
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PLOT DATE = 12/6/2022	CHECKED - JF	REVISED -
	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABINET DETAIL SHEET (3 OF 12)
ALGONQUIN RD AND MEACHAM RD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	291
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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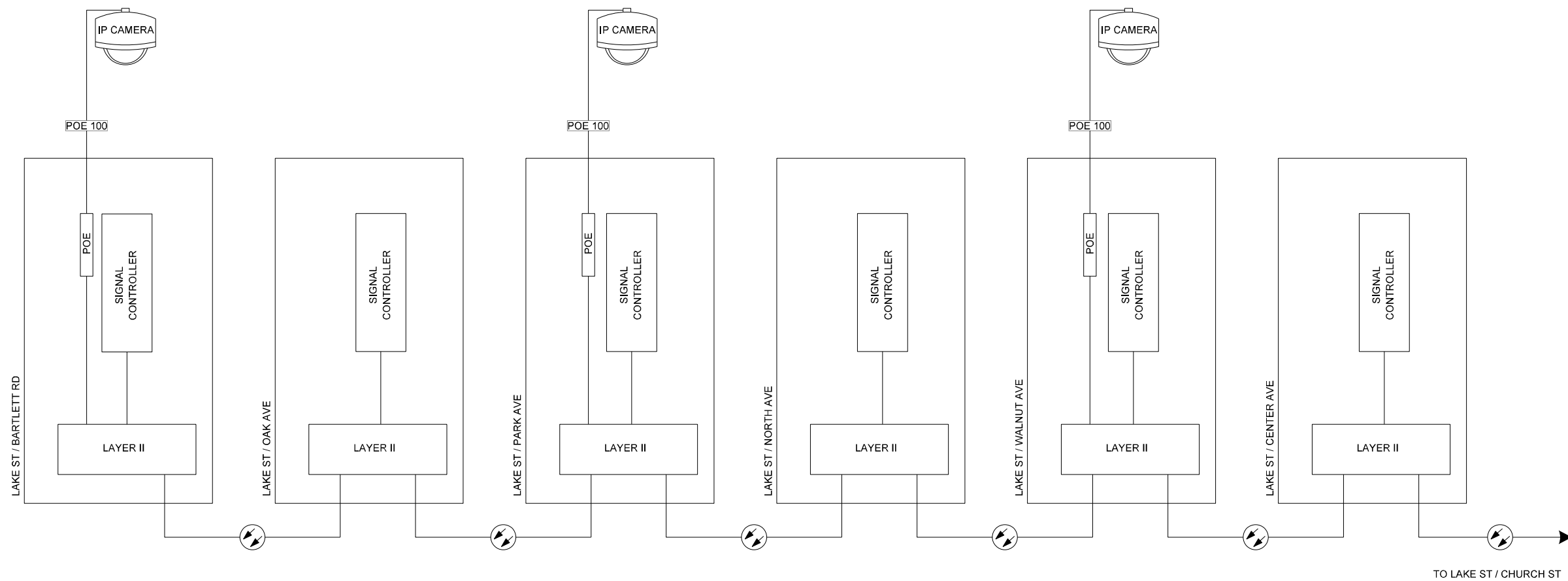
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PLOT DATE = 12/6/2022		

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CABINET DETAIL SHEET (4 OF 12)
 ALGONQUIN RD AND MEACHAM RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	292
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	



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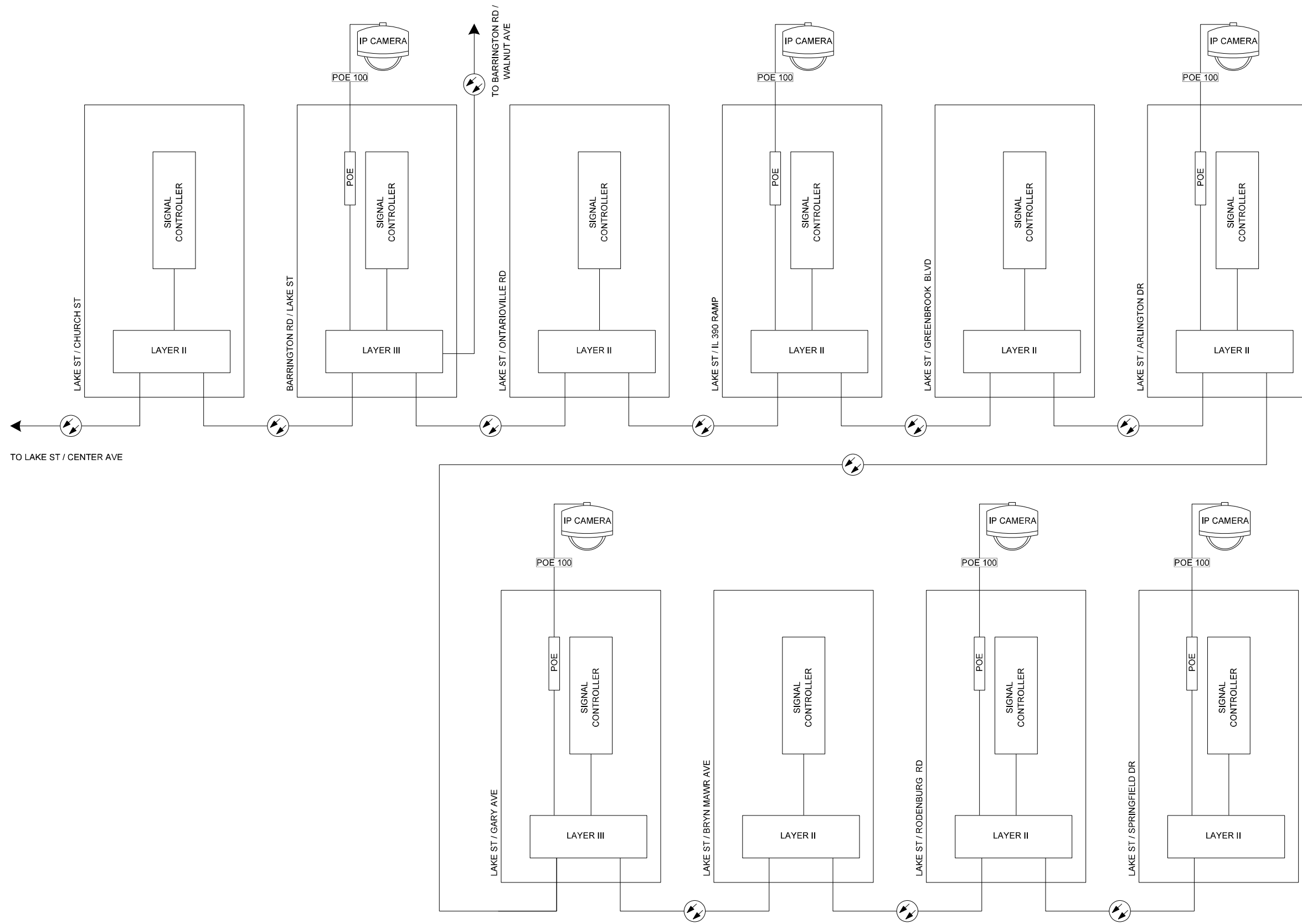
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PLOT DATE = 12/6/2022	CHECKED - JF	REVISED -
	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABINET DETAIL SHEET (5 OF 12)
LAKE ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	293
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	



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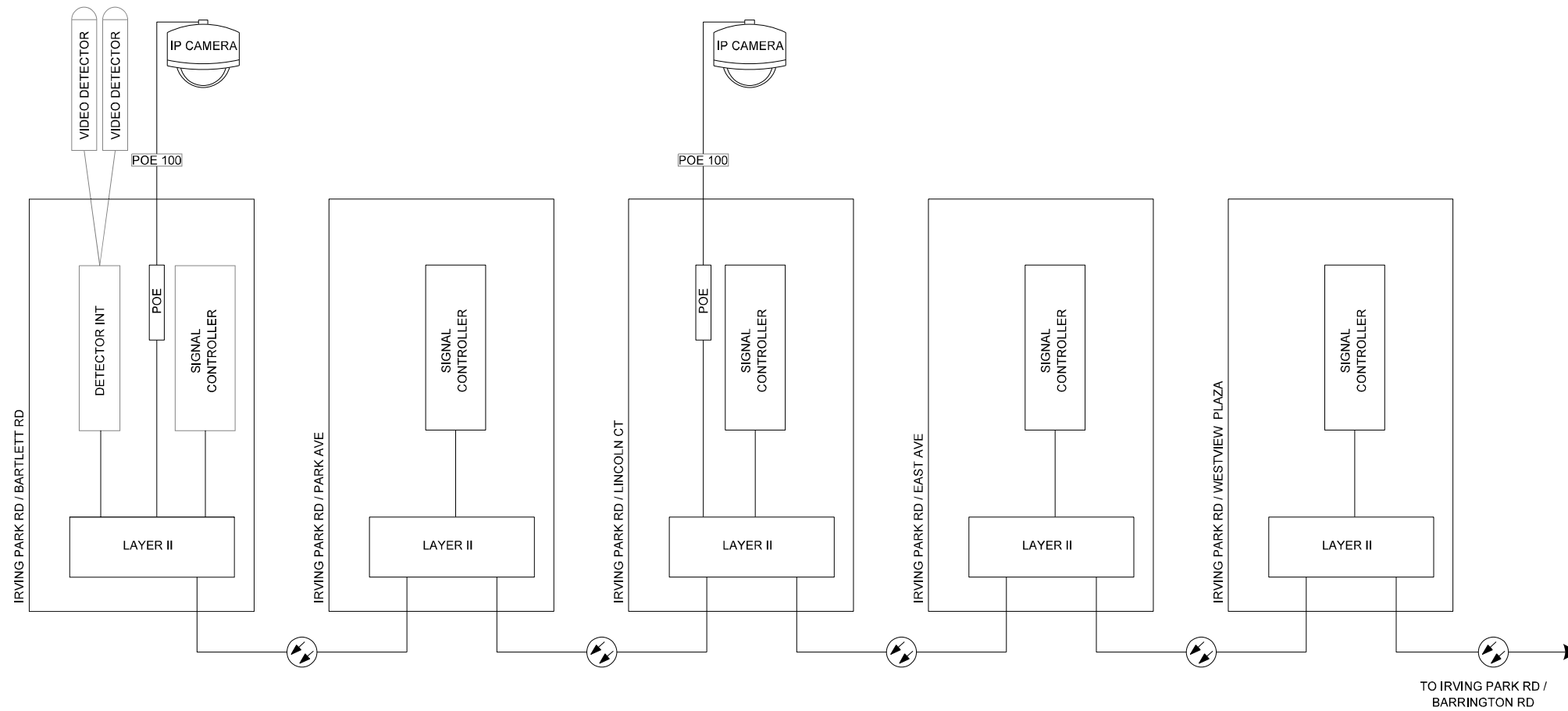
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PLOT DATE = 12/6/2022		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABINET DETAIL SHEET (6 OF 12)
LAKE ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	294
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	



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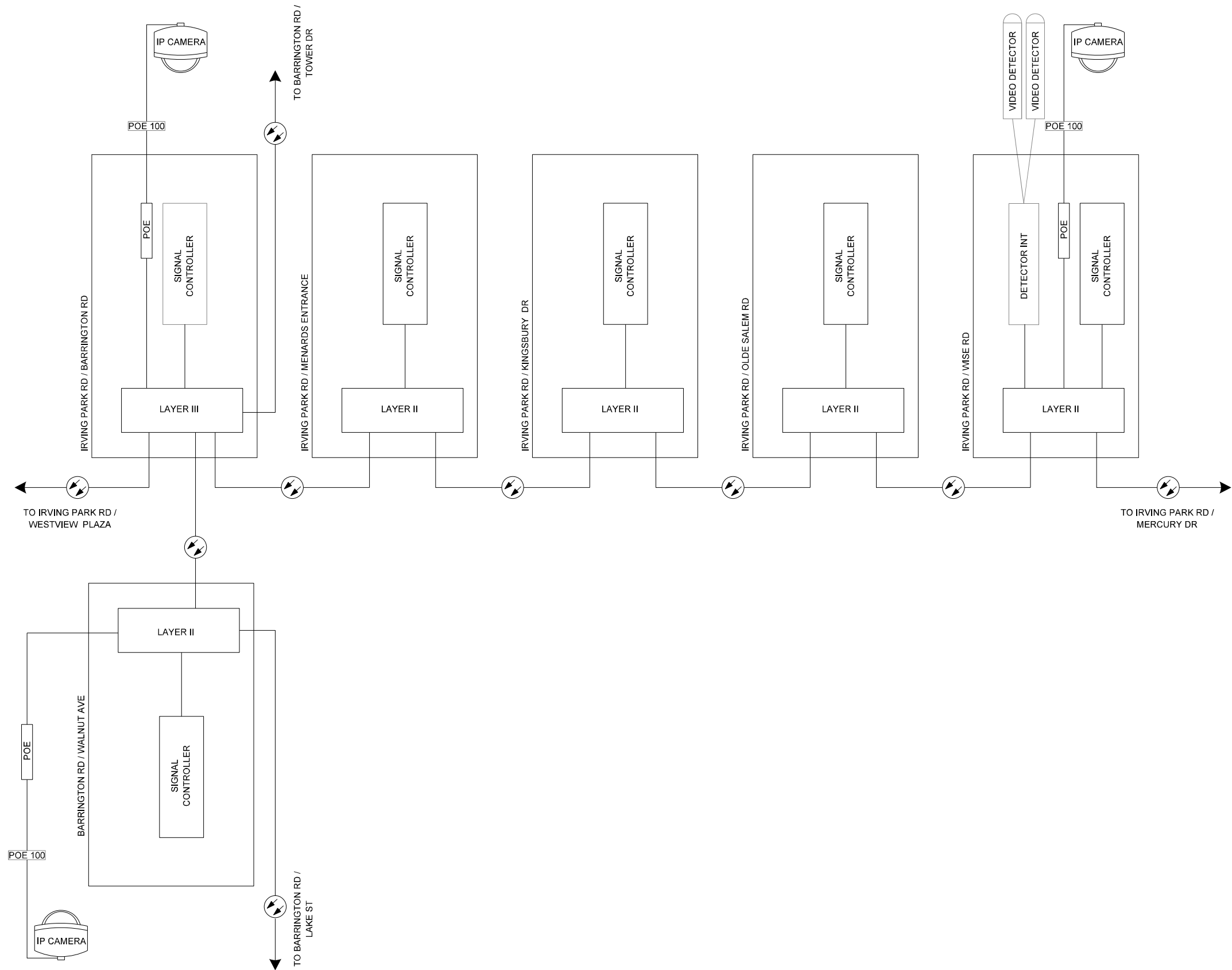
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PLOT DATE = 12/6/2022	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CABINET DETAIL SHEET (7 OF 12)
 IRVING PARK RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	295
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	



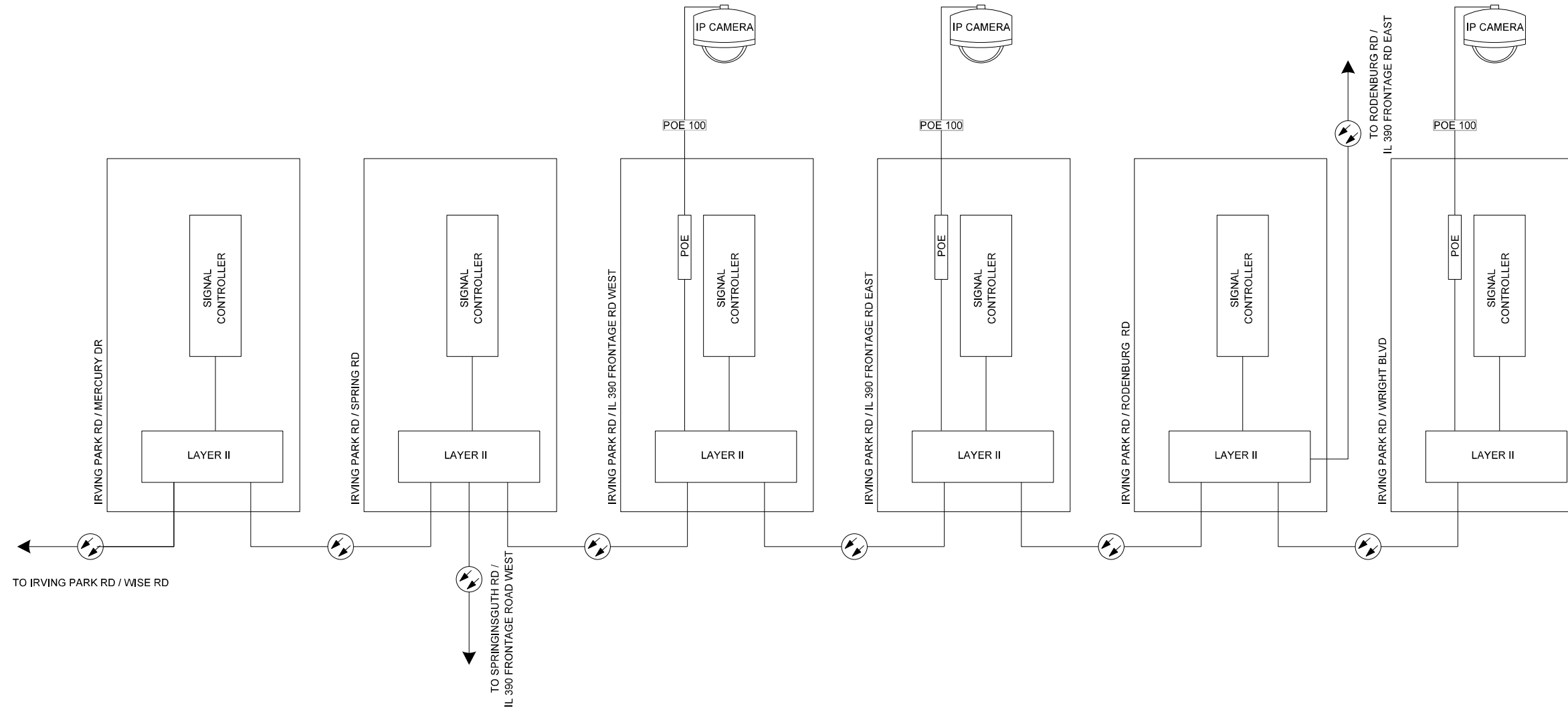
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PLOT DATE = 12/6/2022	DATE - 10/31/2022	REVISIONS -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABINET DETAIL SHEET (8 OF 12) IRVING PARK RD			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	296
CONTRACT NO. 62T54				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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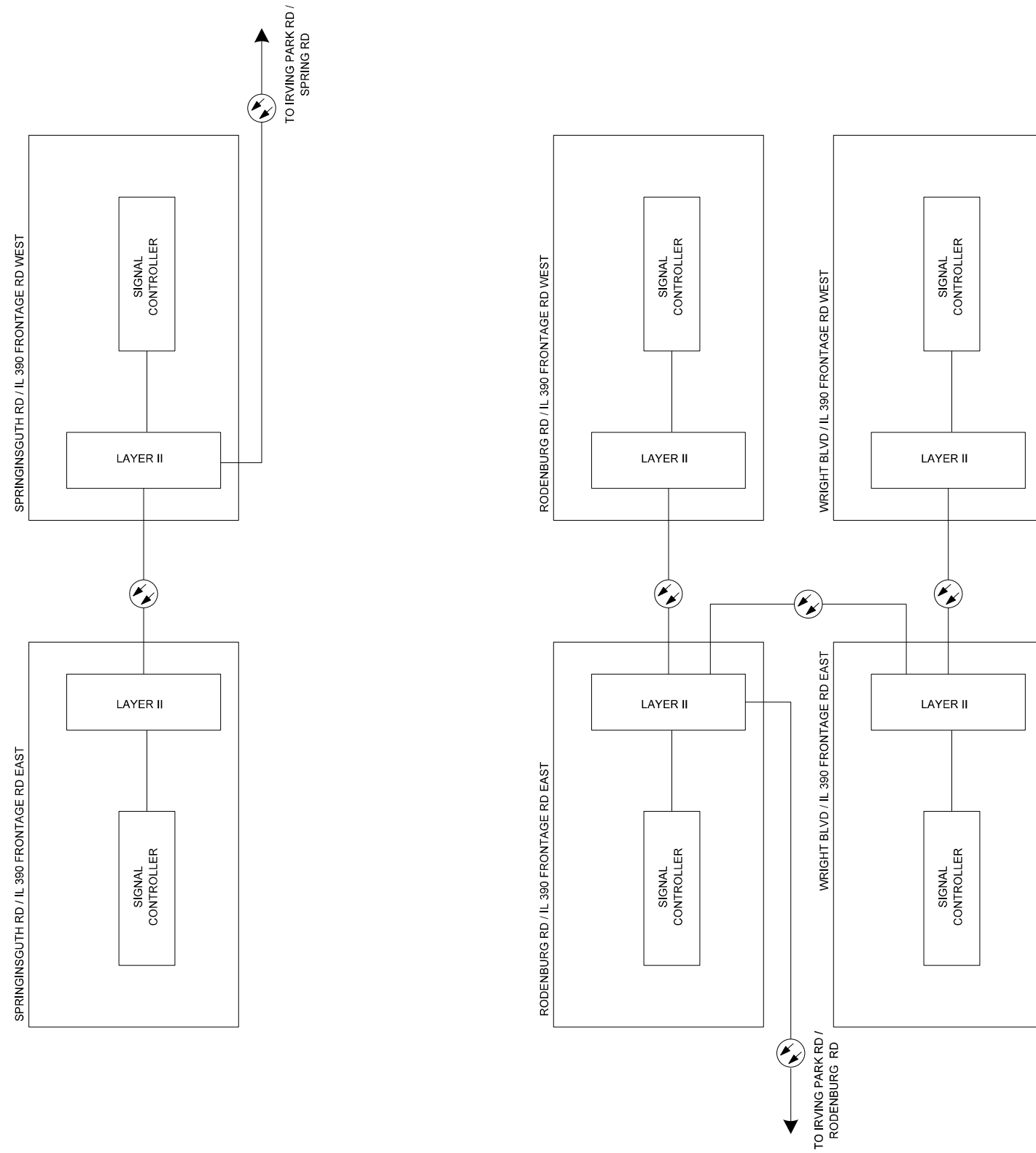
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABINET DETAIL SHEET (9 OF 12)
IRVING PARK RD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	297
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	

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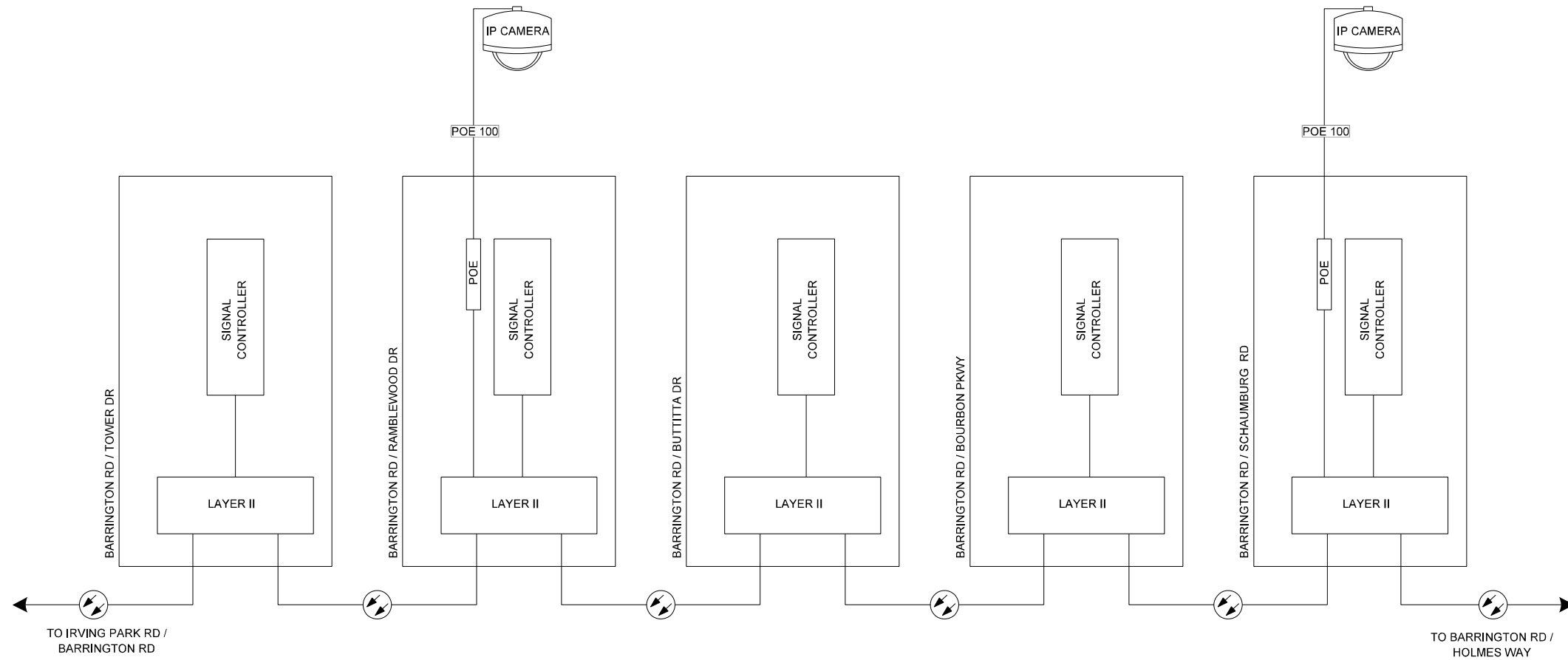
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PLOT DATE = 12/6/2022	DATE - 10/31/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CABINET DETAIL SHEET (10 OF 12)
 SPRINGSGUTH RD AND RODENBURG RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	298
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	



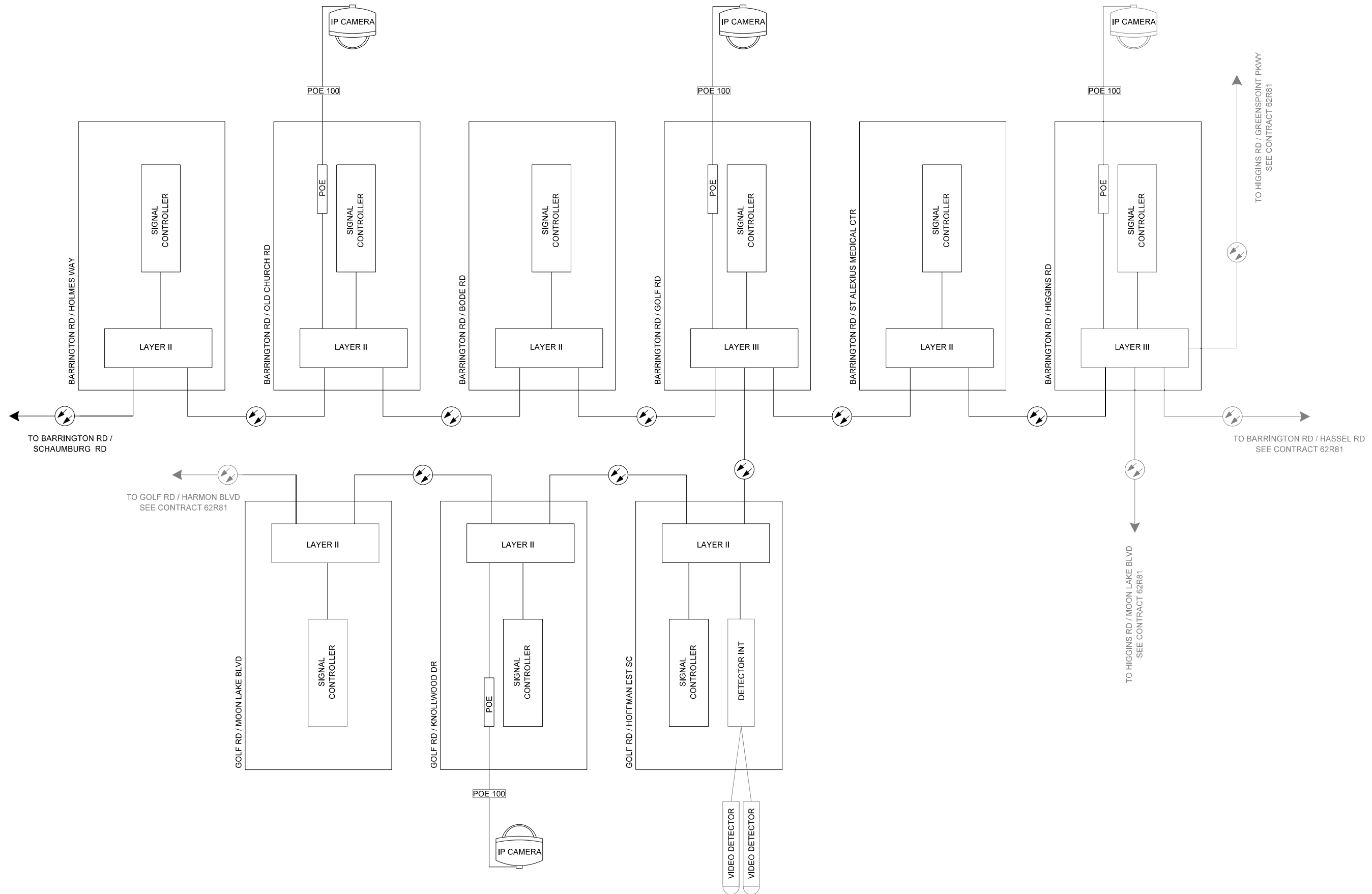
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABINET DETAIL SHEET (11 OF 12) BARRINGTON RD			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	299
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	



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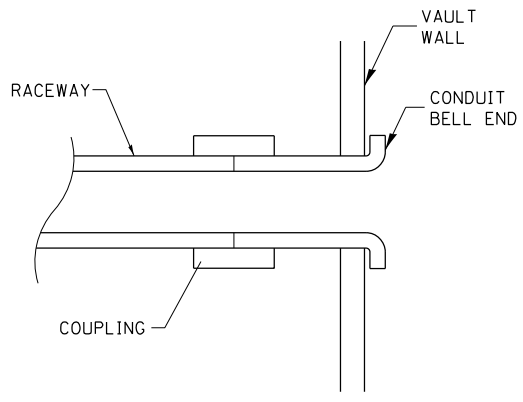
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	DATE - 10/31/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

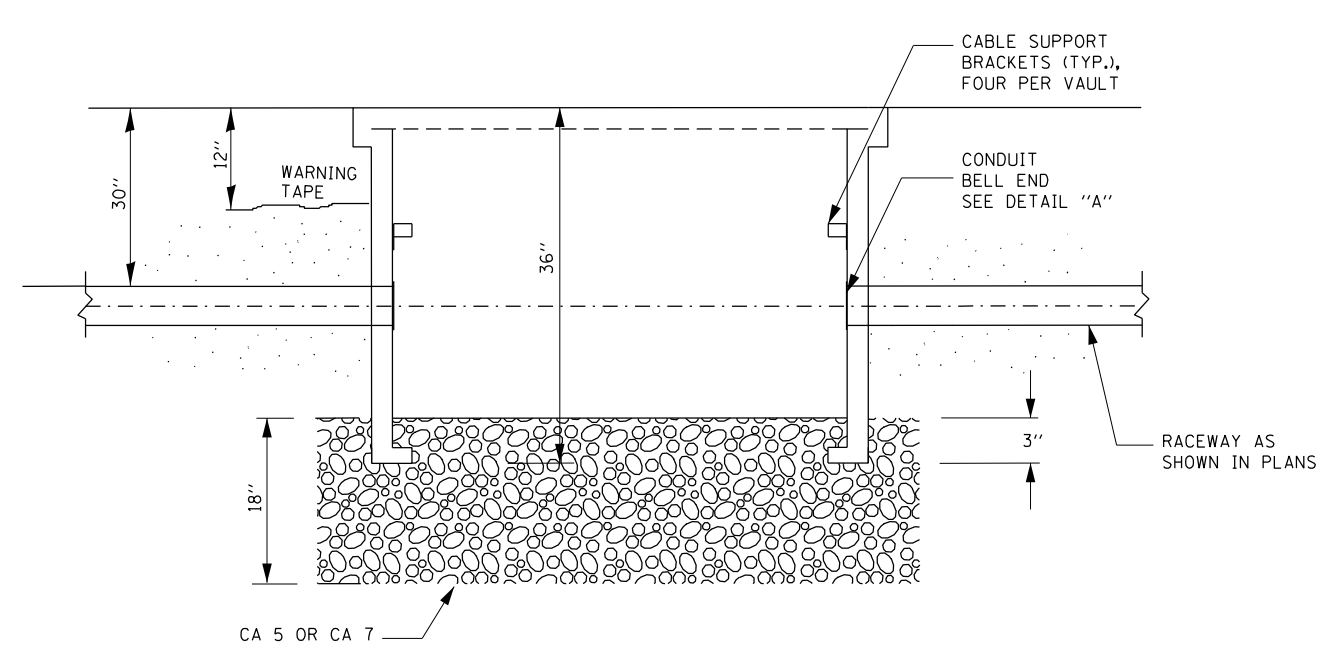
CABINET DETAIL SHEET (12 OF 12) BARRINGTON RD			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2023 TRAFFIC 01	COOK	306	300
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T54	

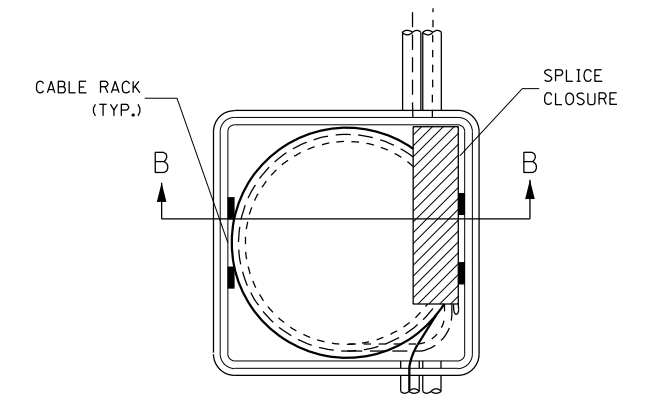
COMMUNICATIONS VAULT LOAD RATINGS			
COMPONENT	ANSI TIER	LOADING	
		DESIGN	TEST
BOX	22	22,500 lbs.	37,750 lbs.
COVER	22	22,500 lbs.	37,750 lbs.



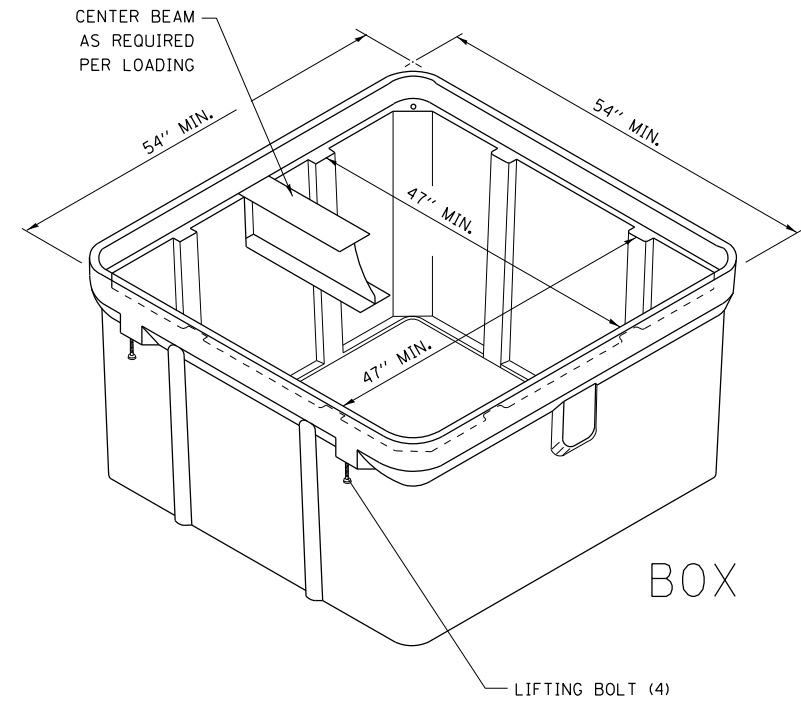
DETAIL A



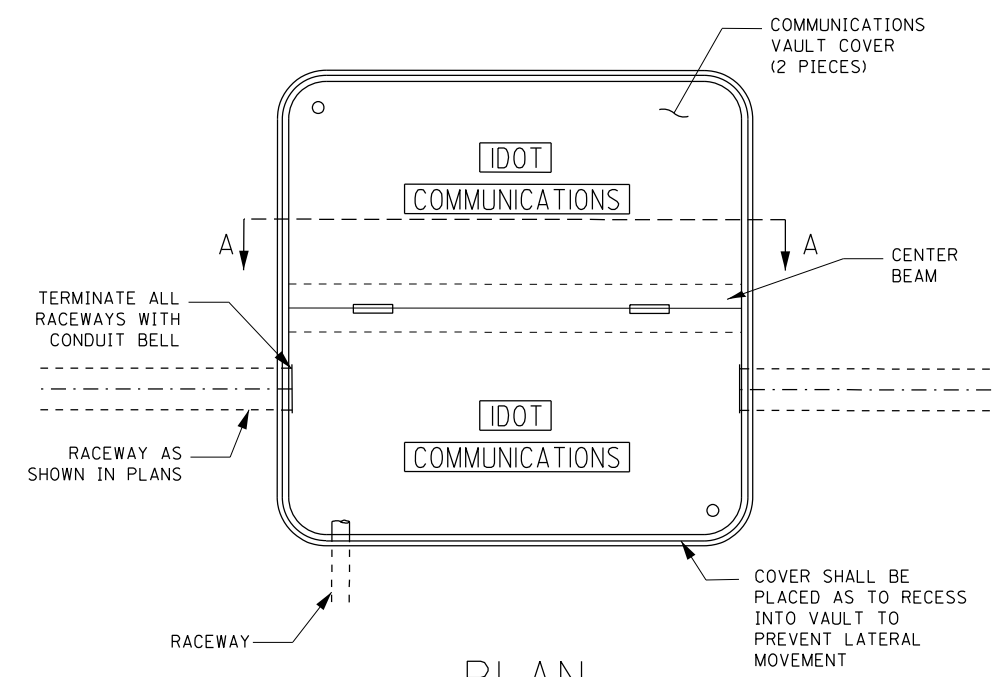
SECTION A-A



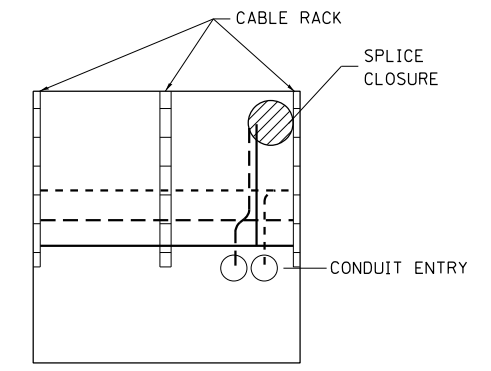
TOP VIEW



ISOMETRIC



PLAN



SECTION B-B

NOTES:

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



USER NAME = #USER#	DESIGNED - R. Tomsons	REVISED -
PLOT SCALE = #SCALE#	CHECKED -	REVISED -
PLOT DATE = #DATE#	DATE - 03-22-10	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

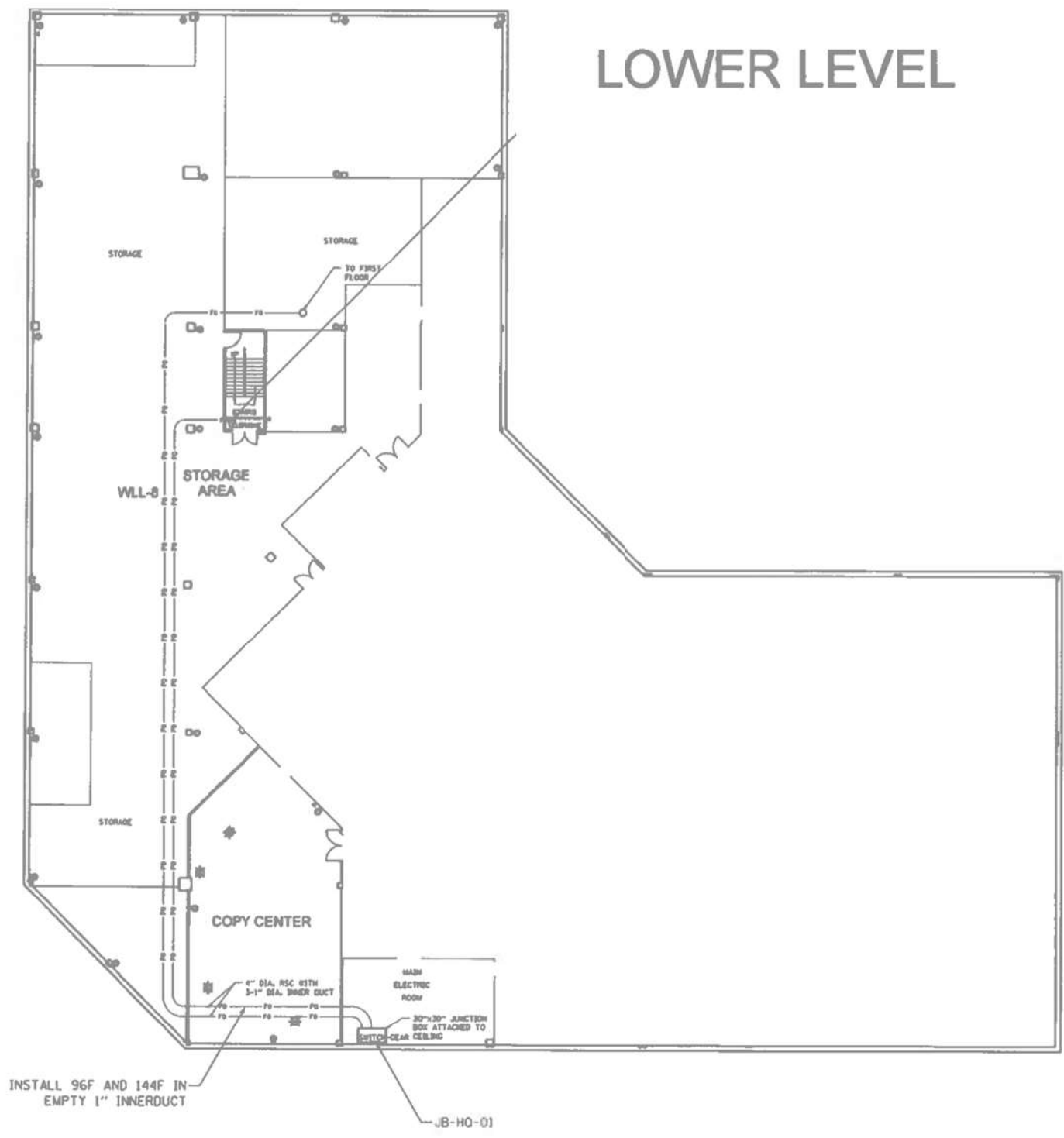
COMMUNICATIONS VAULT, COMPOSITE CONCRETE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 TRAFFIC 02	VARIOUS	306	301
BE-705		CONTRACT NO. 62T54		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



LOWER LEVEL



INSTALL 96F AND 144F IN
EMPTY 1" INNERDUCT

JB-HQ-01

"EXISTING PLAN FOR REFERENCE ONLY"

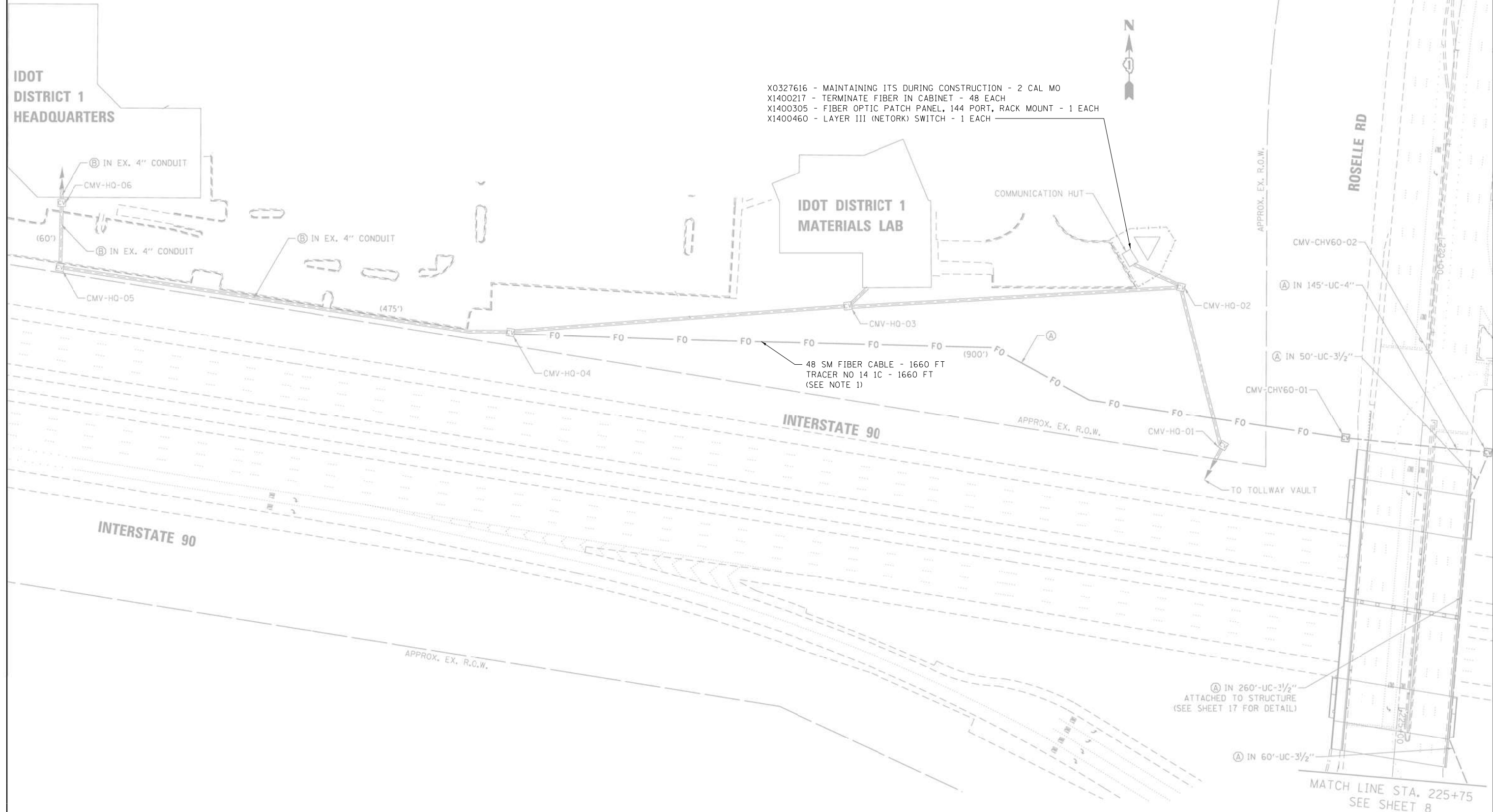
K:\PROJECTS\Projects 2022\22-ESR-502-IDOT.CM40 Contracts Phase 2\CADD\Sheets\263.DWG BUILDING DETAIL.dgn

 GANDHI AND ASSOCIATES, INC. ENGINEERS AND PLANNERS 6035 N. NORTHWEST HIGHWAY SUITE 205 CHICAGO, ILLINOIS 60630 TEL: (773) 774-590	USER NAME = \$USER\$	DESIGNED - KK	REVISED - KK-08-12-2022	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IDOT DISTRICT 1 HEADQUARTERS BUILDING DETAIL			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 40.0000' / in.	CHECKED - DD	REVISED -					VAR	2023 TRAFFIC 02	VARIOUS	306	302
PLOT DATE = \$DATE\$	DATE - 06/30/2022	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT CONTRACT NO. 62T54					

NOTES:

1. THE CONTRACTOR SHALL RUN NEW 48SM FIBER CABLE AND TRACER CABLE THROUGH EXISTING CONDUIT TO COMMUNICATION HUT. THE FIBER AND TRACER ROUTE WILL RUN THROUGH COMMUNICATION VAULT CMV-CHV60-01, CMV-HQ-04, CMV-HQ-03, CMV-HQ-02, AND THEN TO COMMUNICATION HUT BUILDING.

- X0327616 - MAINTAINING ITS DURING CONSTRUCTION - 2 CAL MO
- X1400217 - TERMINATE FIBER IN CABINET - 48 EACH
- X1400305 - FIBER OPTIC PATCH PANEL, 144 PORT, RACK MOUNT - 1 EACH
- X1400460 - LAYER III (NETWORK) SWITCH - 1 EACH



K:\PROJECTS\Projects\2022\22-ESR-502-IDOT-CM40-Contracts Phase 2\CADD\Sheets\264-DIHO-FIBER OPTIC.dgn

GO GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 206
 CHICAGO, ILLINOIS 60631 TEL: (773) 774-5900

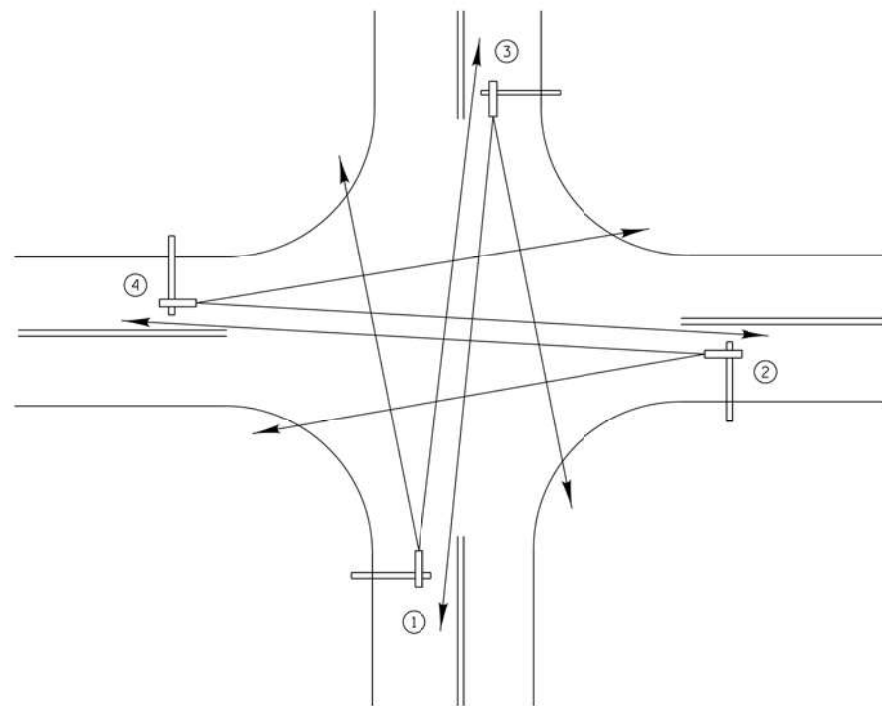
USER NAME = \$USER*	DESIGNED - KK	REVISED - 12-2-2022
DRAWN - GM	REVISOR -	
PLOT SCALE = 40.0000' / in.	CHECKED - DD	REVISED -
PLOT DATE = \$DATE*	DATE - 06/30/2022	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IDOT D1 HQ ALTERNATE FIBER ROUTE PLAN

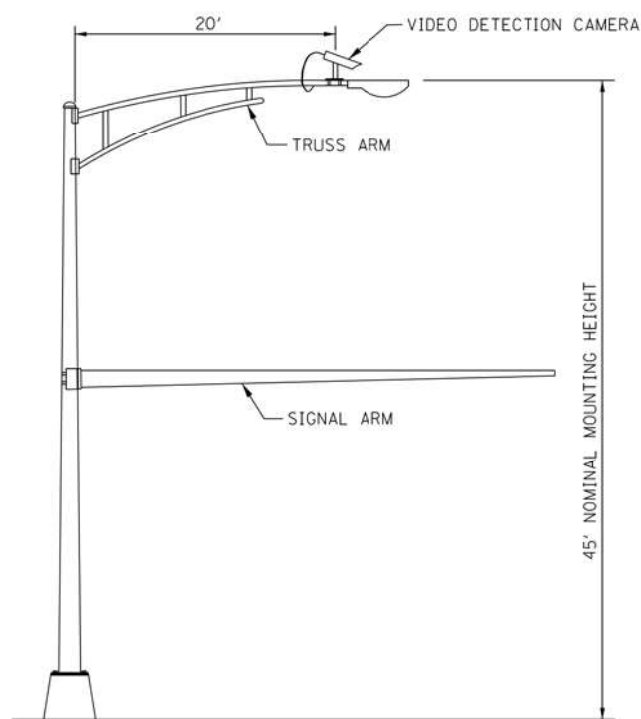
SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 TRAFFIC 02	VARIOUS	306	303
CONTRACT NO. 62T54				
ILLINOIS FED. AID PROJECT				

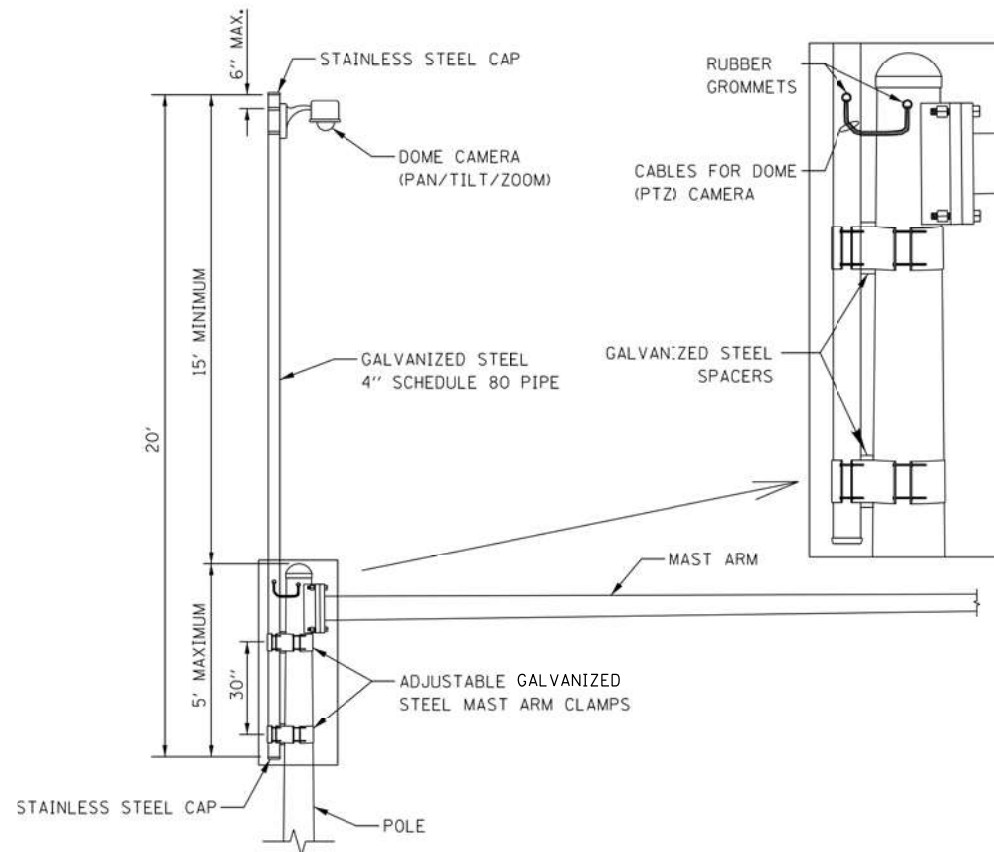


TYPICAL VIDEO VEHICLE
DETECTION SYSTEM
(NOT TO SCALE)

(4) VIDEO DETECTION CAMERA ASSEMBLIES AND BRACKETS ① ② ③ ④



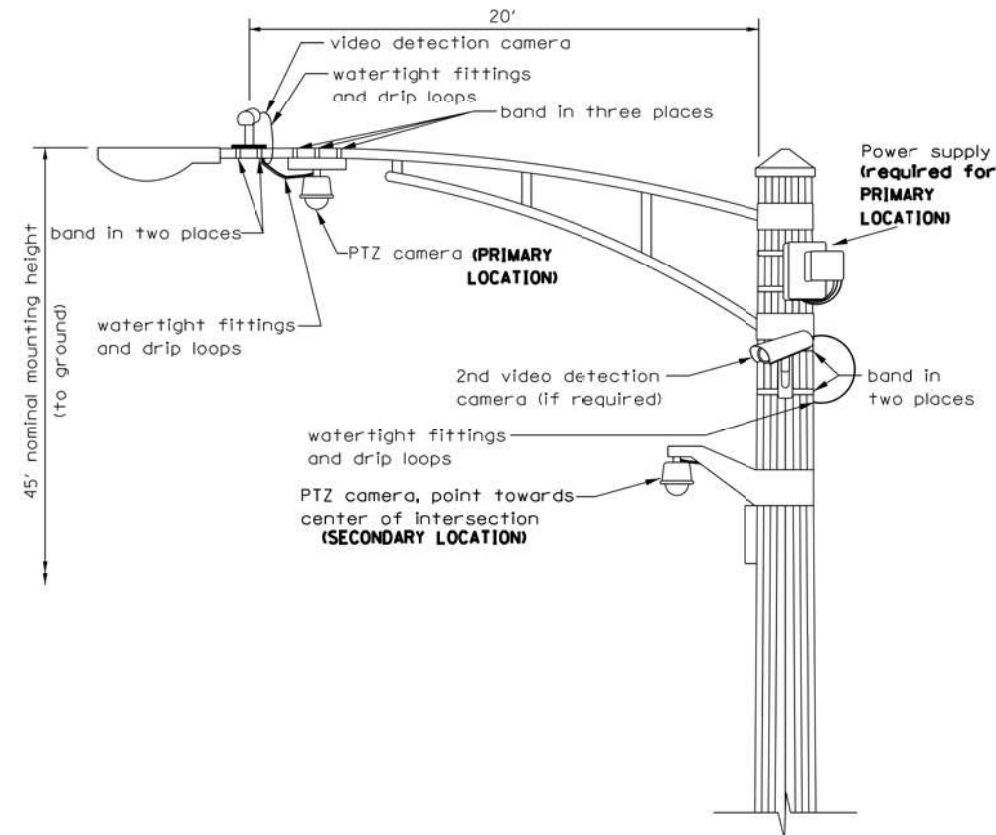
COMBINATION MAST ARM ASSEMBLY
AND POLE DIMENSIONS
(NOT TO SCALE)



CAMERA MOUNTING ASSEMBLY DETAIL
(NOT TO SCALE)

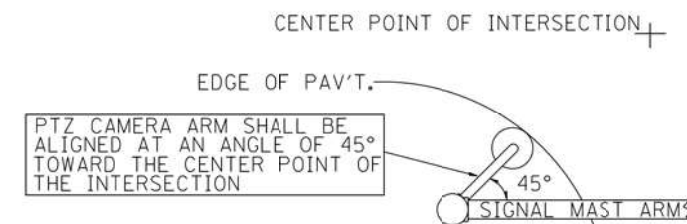
NOTES:

- THE MAST ARM IS TAPERED.
- INSTALL EXTENSION POLE VERTICAL AND PLUMB BY MODIFYING/INSTALLING BRACKETS AS NECESSARY. ADDITIONAL SPACERS REQUIRED ARE INCLUDED IN THE COST OF THE CAMERA MOUNTING ASSEMBLY OF THE TYPE SPECIFIED.
- SPACERS ARE TO BE INTEGRATED OR MANUFACTURED WITH THE MAST ARM BRACKETS



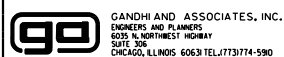
VIDEO DETECTION CAMERA(S) AND
DOME (PTZ) CAMERA MOUNTING DETAIL
(NOT TO SCALE)

- NOTES FOR SINGLE, DUAL AND MULTIPLE CAMERA MOUNTING:
- MOUNT LUMINAIRE MOUNTING BRACKET AS HIGH AS POSSIBLE.
 - MOUNT VIDEO DETECTION CAMERA AIMING DOWN TOWARD THE DIRECTION OF TRAFFIC TO BE DETECTED.



PTZ CAMERA MOUNTING DETAILS
(SECONDARY LOCATION)
(NO SCALE)

K:\PROJECTS\Projects\2022\22-ESR-502-1001.CM40 Contracts Phase 2\CADD\Sheets\285.CAMERA MOUNTING DETAIL.dgn



USER NAME = \$USER\$	DESIGNED - KK	REVISED - 12-2-2022
DRAWN - KK	CHECKED - DD	REVISED -
PLOT SCALE = 40.00000 ' / in.	DATE - 06/30/2022	REVISED -
PLOT DATE = \$DATE\$		

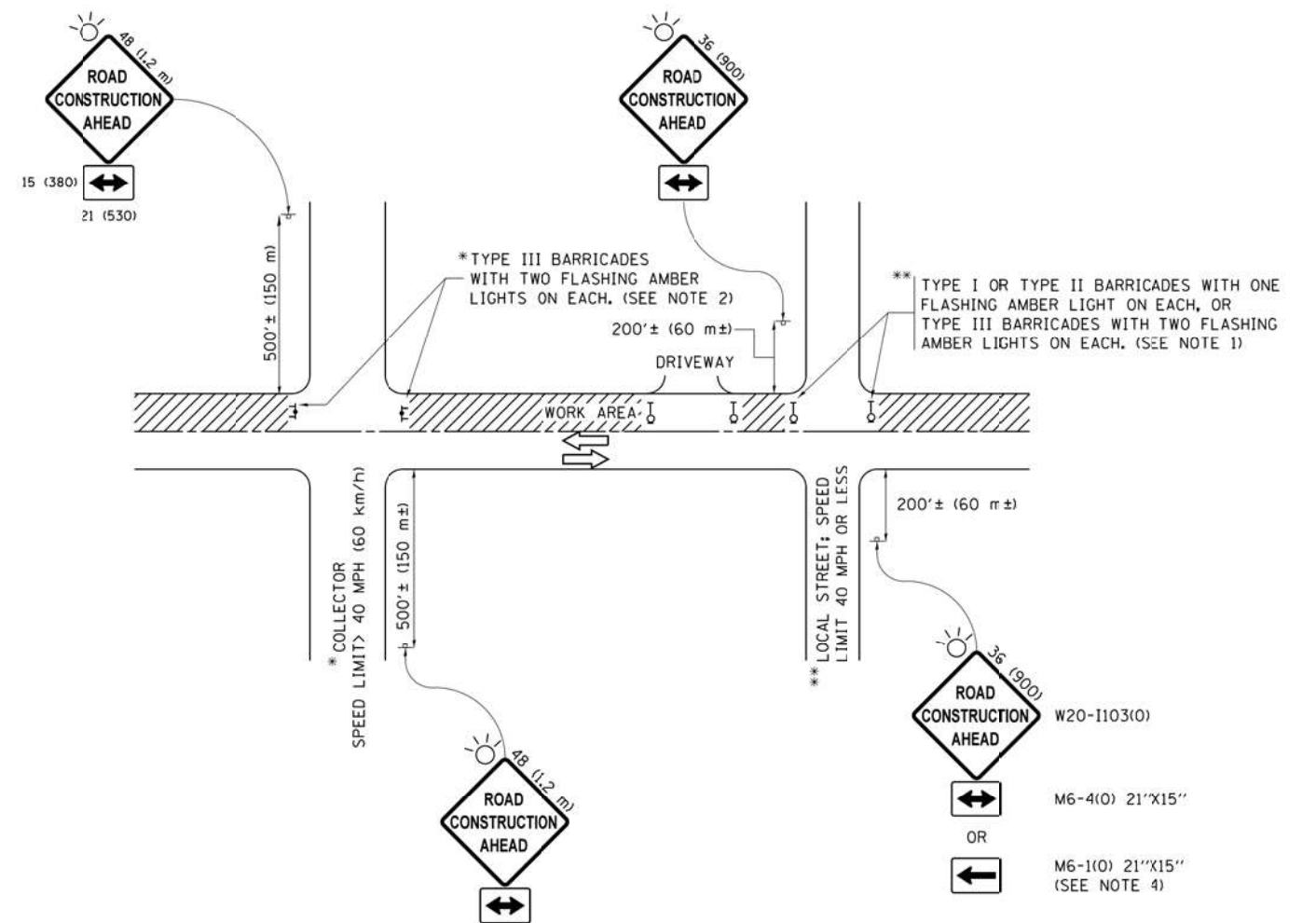
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CAMERA MOUNTING DETAIL

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 TRAFFIC 02	VARIOUS	306	304
CONTRACT NO. 62T54				
ILLINOIS FED. AID PROJECT				

K:\PROJECTS\Projects\2022\22-ESR-502-IDD1.CM40_Contracts Phase 2\CADD_Sheets\266-Traffic Control and Protection.dgn



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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



USER NAME = \$USER*	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = \$DATE*	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

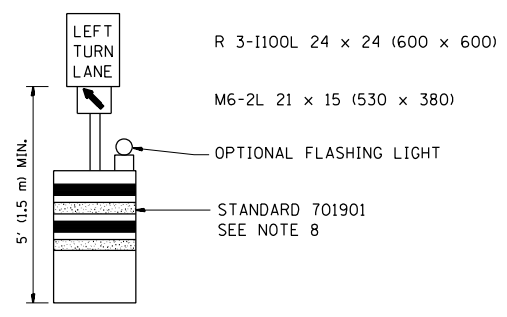
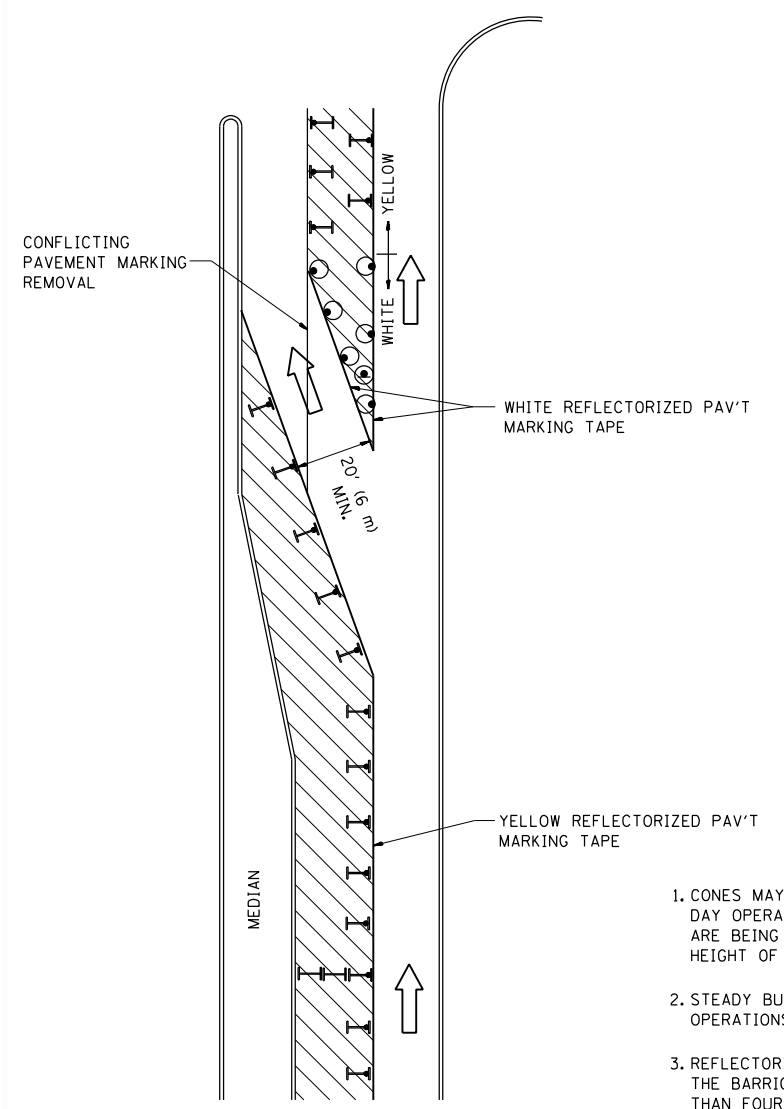
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 TRAFFIC 02	VARIOUS	306	305
TC-10			CONTRACT NO. 62T54	
ILLINOIS FED. AID PROJECT				

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		



GENERAL NOTES

1. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 REQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

REVISIONS	
NAME	DATE
T. RAMMACHER	09/08/94
A. HOUSEH	11/07/95
A. HOUSEH	10/12/96
T. RAMMACHER	01/06/00
R. BORO	09/14/09

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
 SCALE: NONE
 TC-14
 DRAWN BY
 CHECKED BY LHA

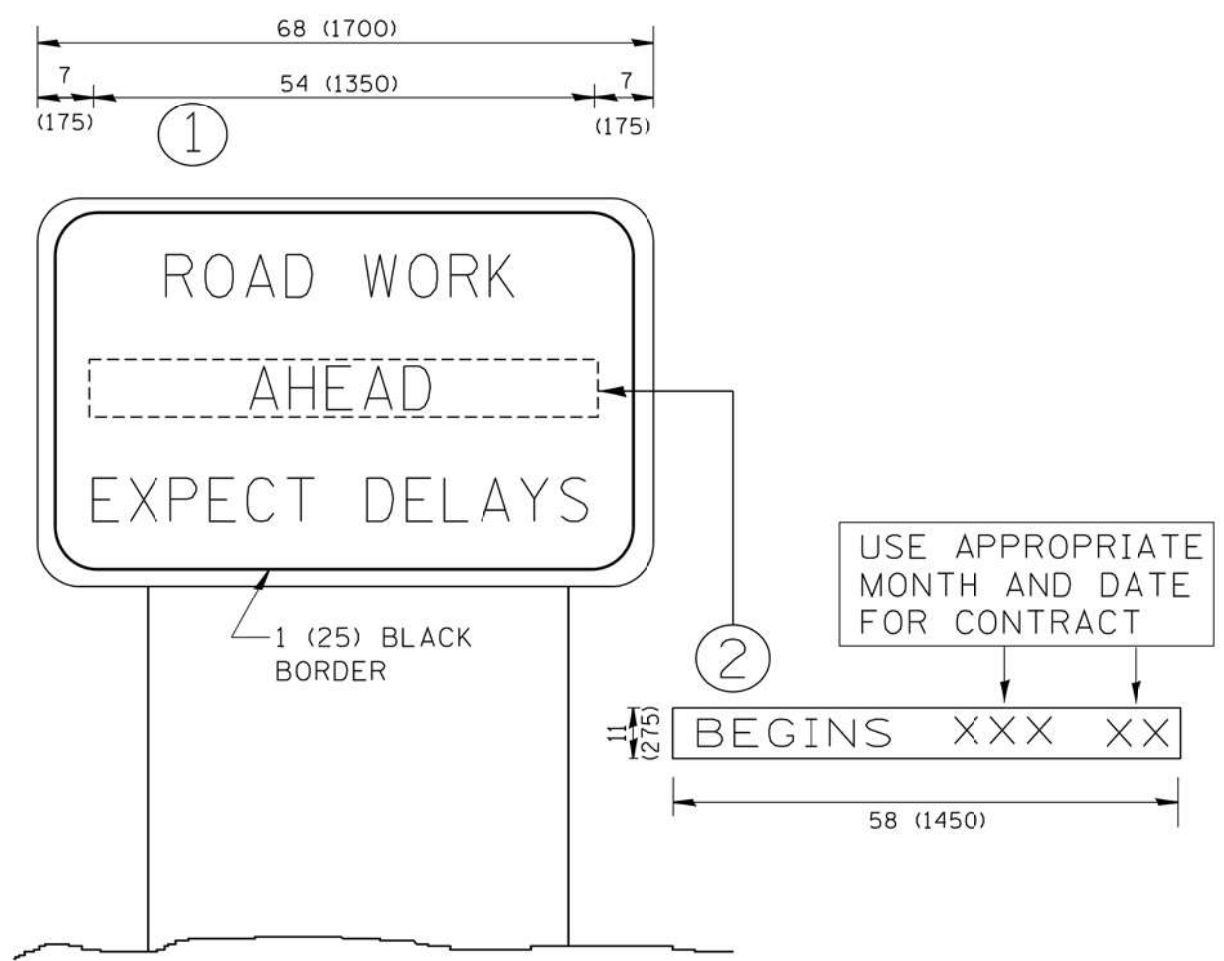
LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

GA GANDHI AND ASSOCIATES, INC.
 ENGINEERS AND PLANNERS
 6035 N. NORTHWEST HIGHWAY
 SUITE 200
 CHICAGO, ILLINOIS 60631 TEL: (773) 774-5900

USER NAME = \$USER*	DESIGNED -	REVISED - R. MIRS 09-15-97
PLOT SCALE = 40.00000' / 1"	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT DATE = \$DATE*	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	DATE -	REVISED - C. JUCIUS 01-31-07

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



NOTES:

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

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

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) & ARTERIAL ROAD INFORMATION SIGN			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2023 TRAFFIC 02	VARIOUS	306	306
TC-14 & TC-22			CONTRACT NO. 62T54	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FILE NAME = K:\PROJECTS\Projects\2022\22-ESR-502-IDOT-CM40-Contracts\Phase 2\CADD\Sheets\267-ARTERIAL ROAD INFORMATION SIGN.dgn