

LOCATION NO. 19
TS XXXXX
FORMER ECON 121
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Sharepoint\ITERIS INC\Systems - Midwest - Active Projects\1612 - Joliet CTMS Phase 4\CADD\Sheet Files\Joliet ATMS-sht-TS MOD-ECON 121.dgn

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USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
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PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

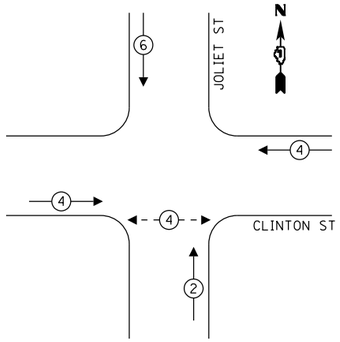
CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
JOLIET STREET AND CLINTON STREET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	50
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

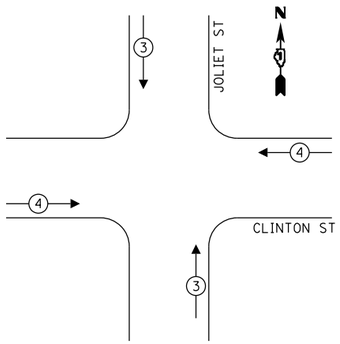
EXISTING CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

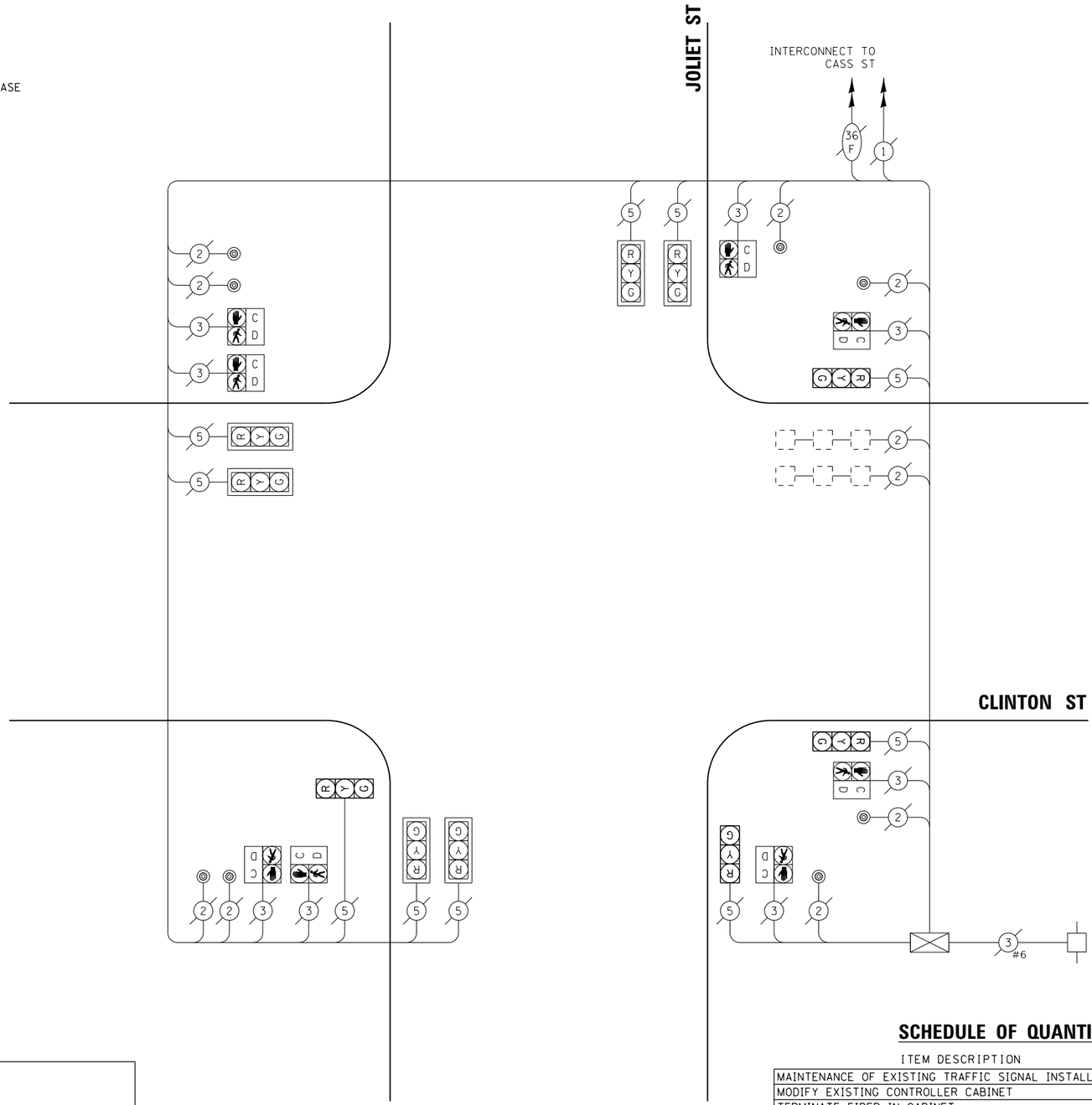
EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	10	11	110
	4-SECTION	-	14	-
	5-SECTION	-	13	-
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		-	25	-
DETECTION	RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	1	35	35
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**415**
UPS CHARGING		-	225	-
BATTERY HEATER MAT		-	180	-
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
TOTAL SERVICE WIRE SIZING				**615**

ENERGY COSTS - BILLED TO:
CITY OF JOLIET
150 W JEFFERSON STREET
JOLIET, IL 60432

ENERGY SUPPLY: CONTACT: ANNETTE KISALA
PHONE: 815-724-5328
COMPANY: COM. EDISON



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12

LOCATION NO. 19
FORMER ECON 121
JOLIET CTMS

iteris

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	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
JOLIET STREET AND CLINTON STREET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	51
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: C:\Sharepoint\ITERIS INC\Systems - MWest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-int-CABLE-ECON 121.dgn

REMOVAL AND RELOCATION NOTES:

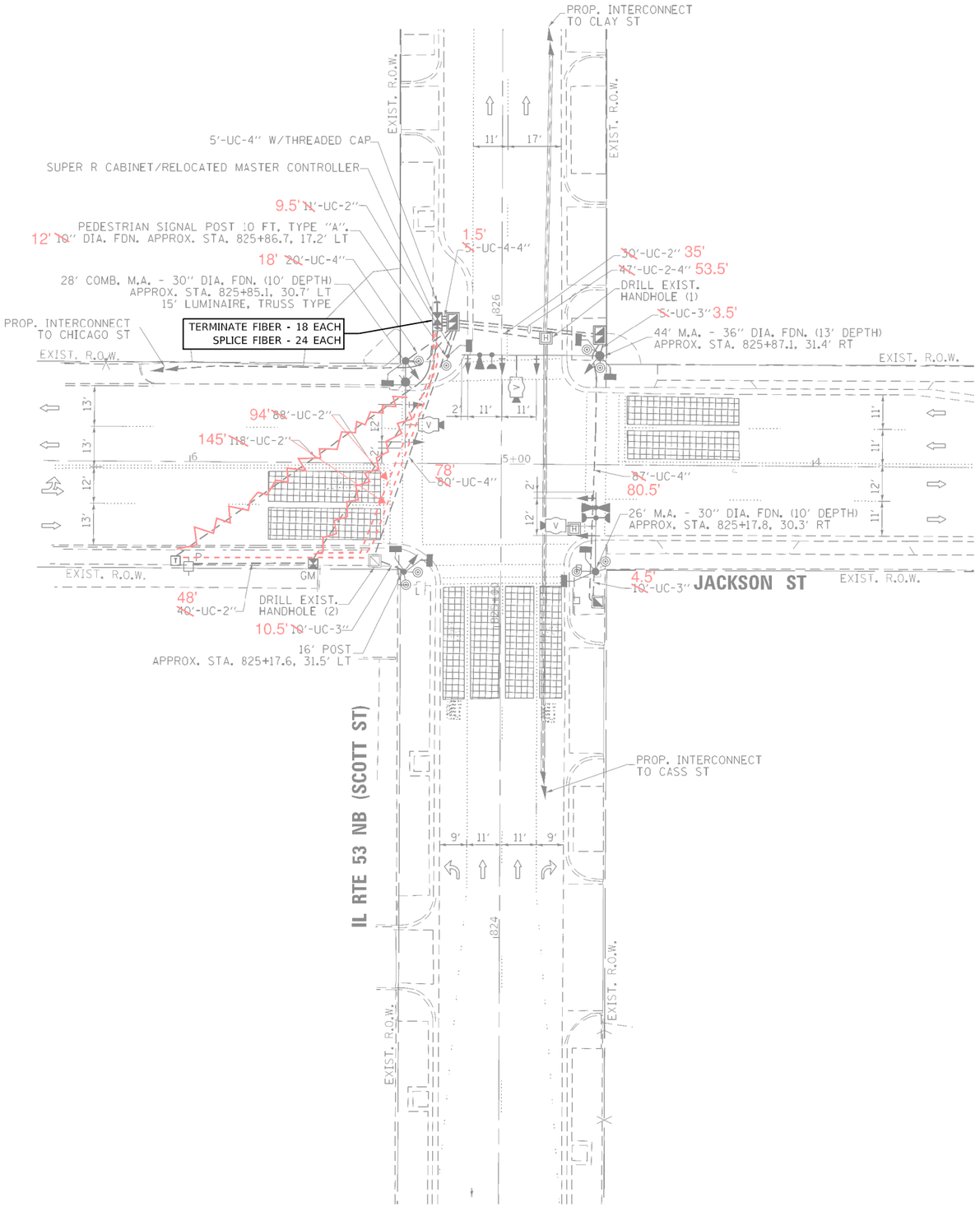
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF IDOT. THE CONTRACTOR SHALL SAFELY DELIVER THE EQUIPMENT TO IDOT ELECTRICAL MAINTENANCE CONTRACTOR FACILITY AT THEIR OWN EXPENSE. CONTACT IDOT ELECTRICAL MAINTENANCE CONTRACTOR FOR LOCATION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

1 EACH MASTER CONTROLLER

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 20
TS 21802
FORMER ECON 122
JOLIET CTMS

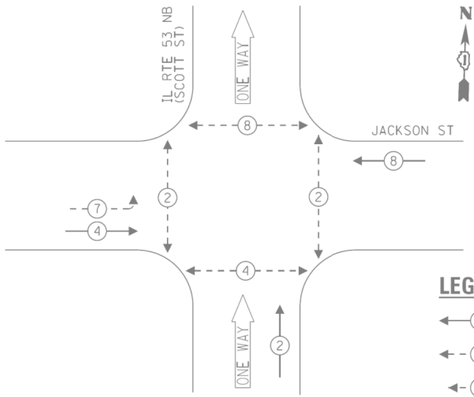
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iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	CITY OF JOLIET	TRAFFIC SIGNAL MODIFICATION PLAN IL ROUTE 53 (SCOTT STREET) AND JACKSON STREET
	DRAWN - BF	REVISED -		
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -		
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	52
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

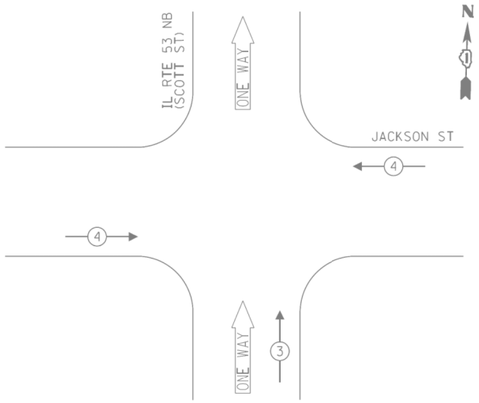
CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OVERLAP

EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	10	11	50	55.0
(YELLOW)	10	20	5	10.0
(GREEN)	10	12	45	54.0
PERMISSIVE ARROW	4	10	10	4.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	3	120	50	180.0
LUMINAIRE	2	240	50	134.0
			TOTAL =	978.0

ENERGY COSTS TO:

CITY OF JOLIET
150 W JEFFERSON STREET
JOLIET, IL 60432

ENERGY SUPPLY: CONTACT: ANNETTE KISALA
PHONE: (815) 724-5328
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:

(A)



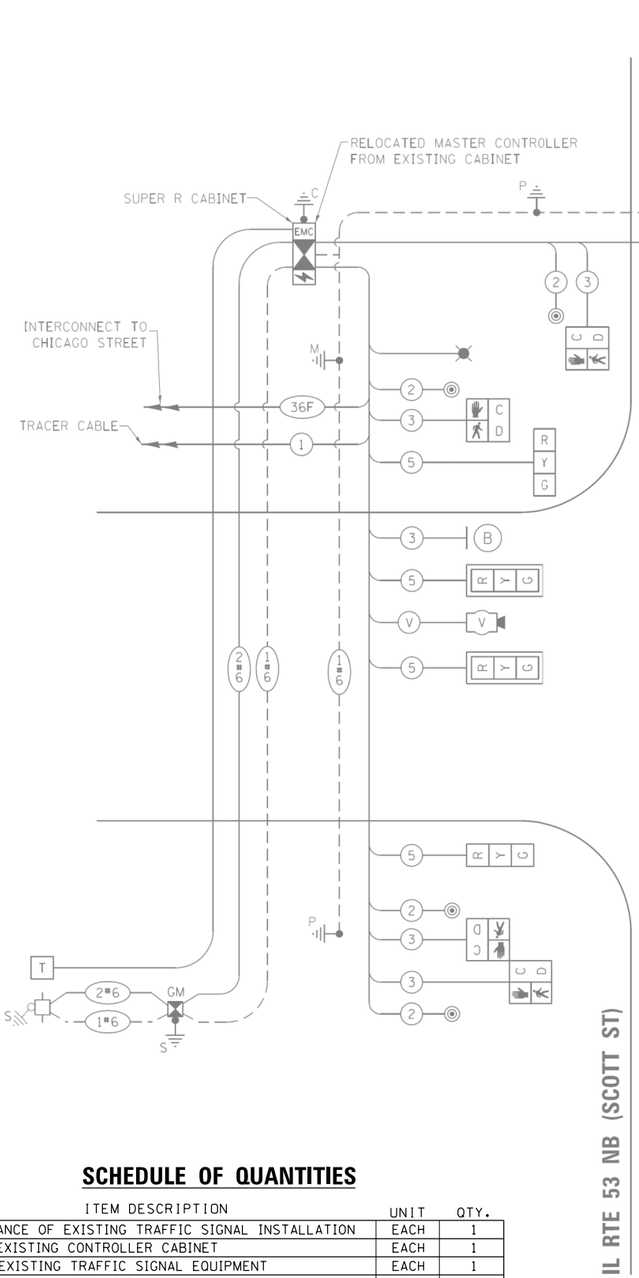
ILLUMINATED SIGN
(1 REQUIRED)

(B)



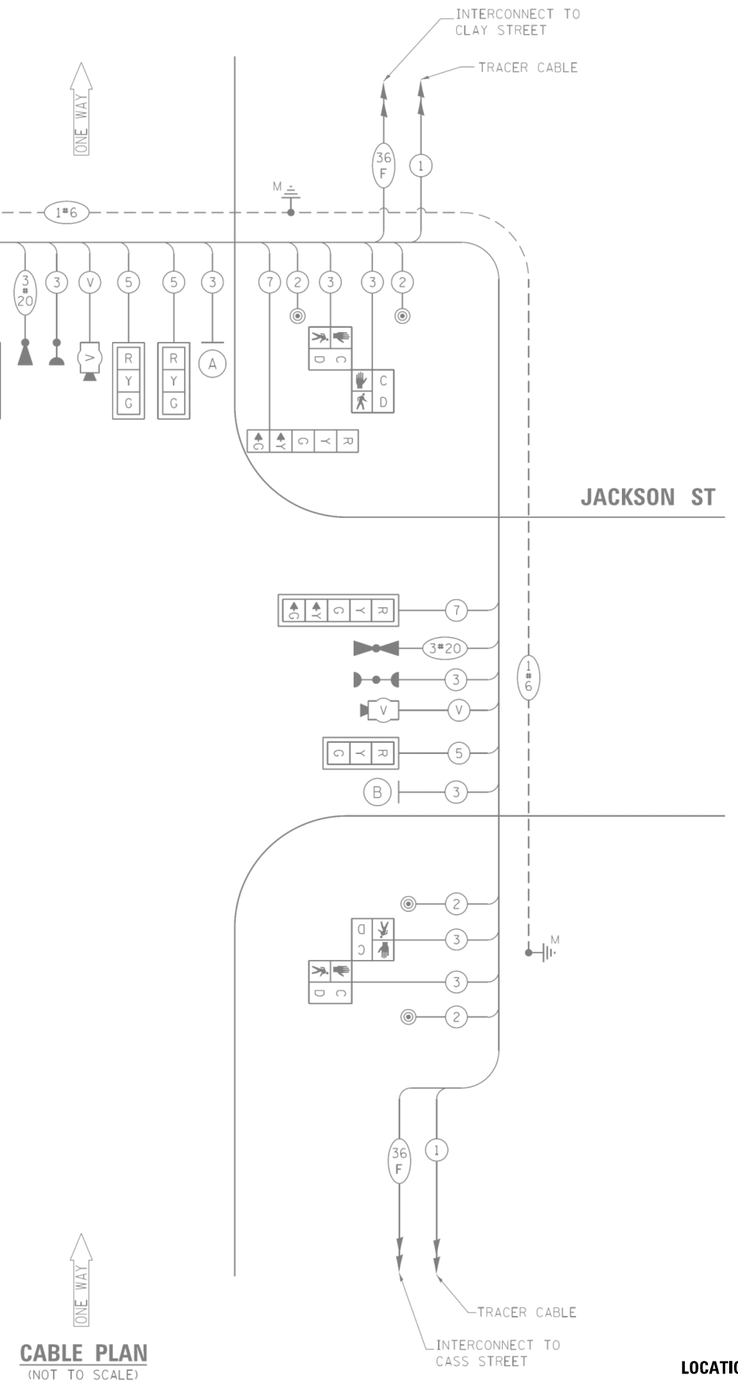
ILLUMINATED SIGN
(2 REQUIRED)

NOTE: THE SIGNS ARE DOUBLE SIDED.



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
TERMINATE FIBER IN CABINET	EACH	18
SPLICE FIBER IN CABINET	EACH	24



CABLE PLAN
(NOT TO SCALE)

LOCATION NO. 20
TS 21802
FORMER ECON 122
JOLIET CTMS

MODEL: Default
FILE NAME: c:\Sharepoint\ITERIS Inc\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-int-CABLE-ECON 122.dgn

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	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 53 (SCOTT STREET) AND JACKSON STREET

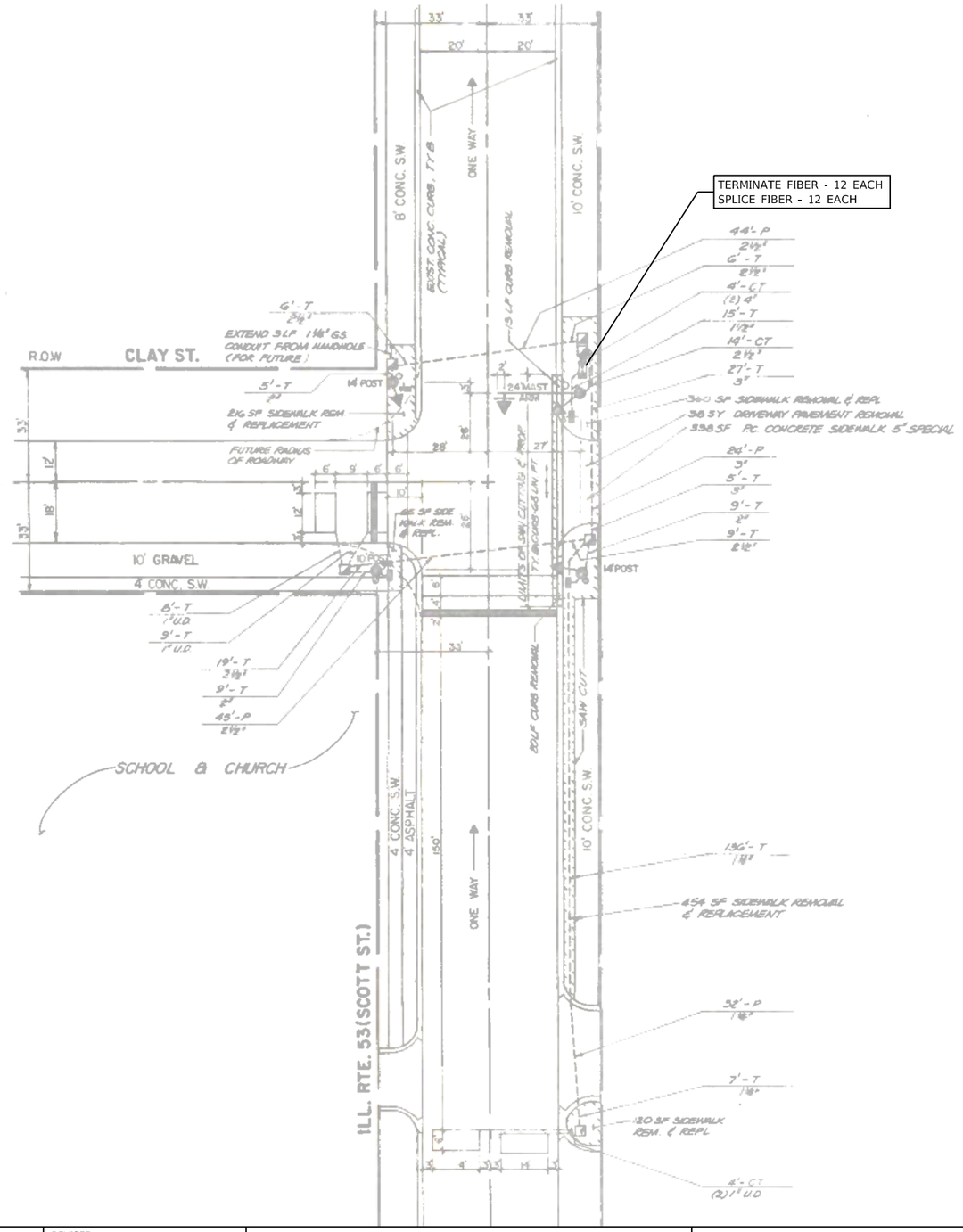
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	53
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 21
TS 21801
FORMER ECON 122
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\nt\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-Int-TS MOD-ECON 122.dgn

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USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
IL ROUTE 53 (SCOTT STREET) AND CLAY STREET

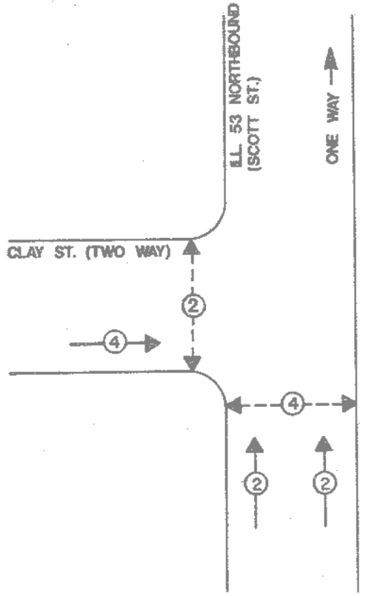
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	54
		CONTRACT NO. XXXXX		
		ILLINOIS	FED. AID PROJECT	

PHASE DESIGNATION DIAGRAM

CONTROLLER SEQUENCE IX

REFERRING TO STANDARD 2393-1, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW.



LEGEND

VEHICULAR MOVEMENT

PEDESTRIAN MOVEMENT

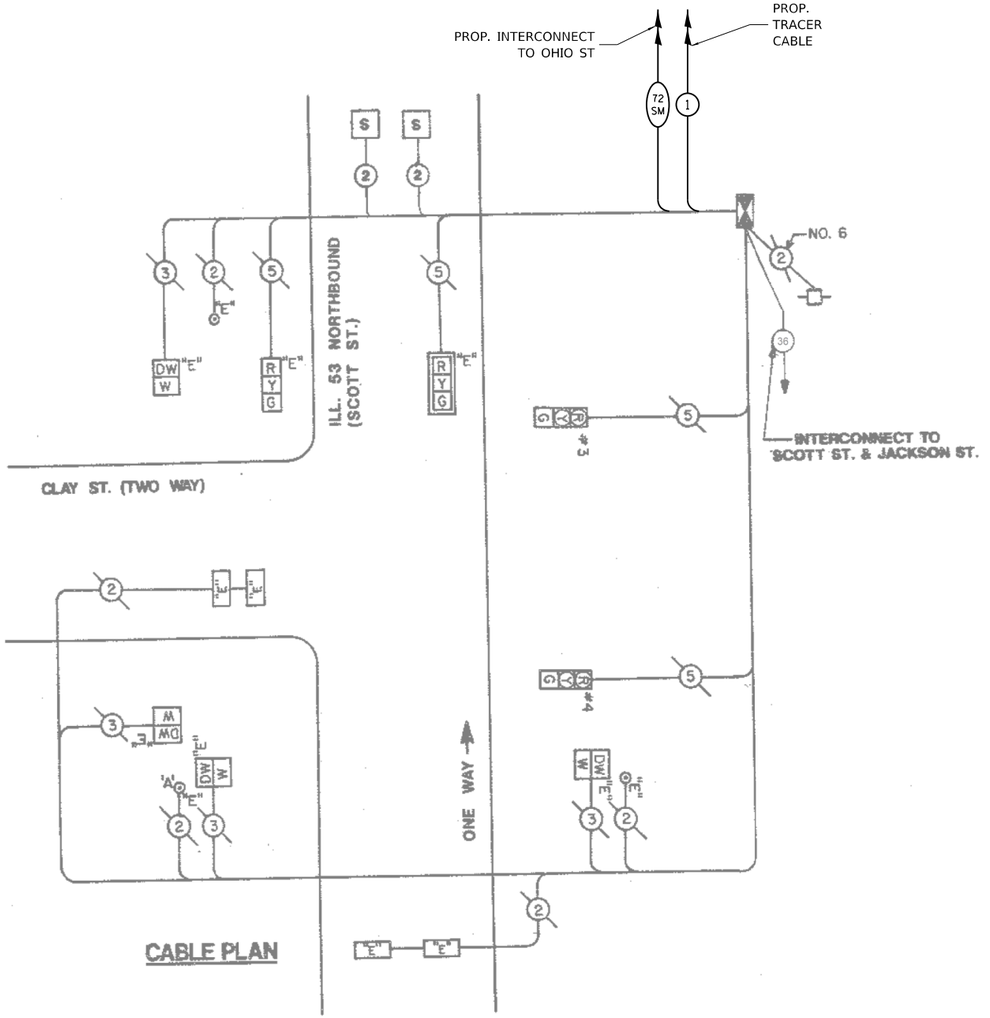
* NUMBER REFERS TO ASSOCIATED PHASE

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	4	11	66
	4-SECTION	-	14	-
	5-SECTION	-	13	-
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		4	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	1	35	35
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**396**
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
TOTAL SERVICE WIRE SIZING				**1001**

ENERGY COSTS - BILLED TO:
CITY OF JOLIET
150 W JEFFERSON STREET
JOLIET, IL 60432

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: COMED
ACCOUNT NUMBER: _____
METER NUMBER: _____



CABLE PLAN

NOTES: 1. PUSHBUTTON 'A' SHALL PLACE A CALL IN PHASES 4 & 6.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
Ssplice FIBER IN CABINET	EACH	12

LOCATION NO. 21
TS 21801
FORMER ECON 122
JOLIET CTMS

MODEL: Default
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	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 53 (SCOTT STREET) AND CLAY STREET

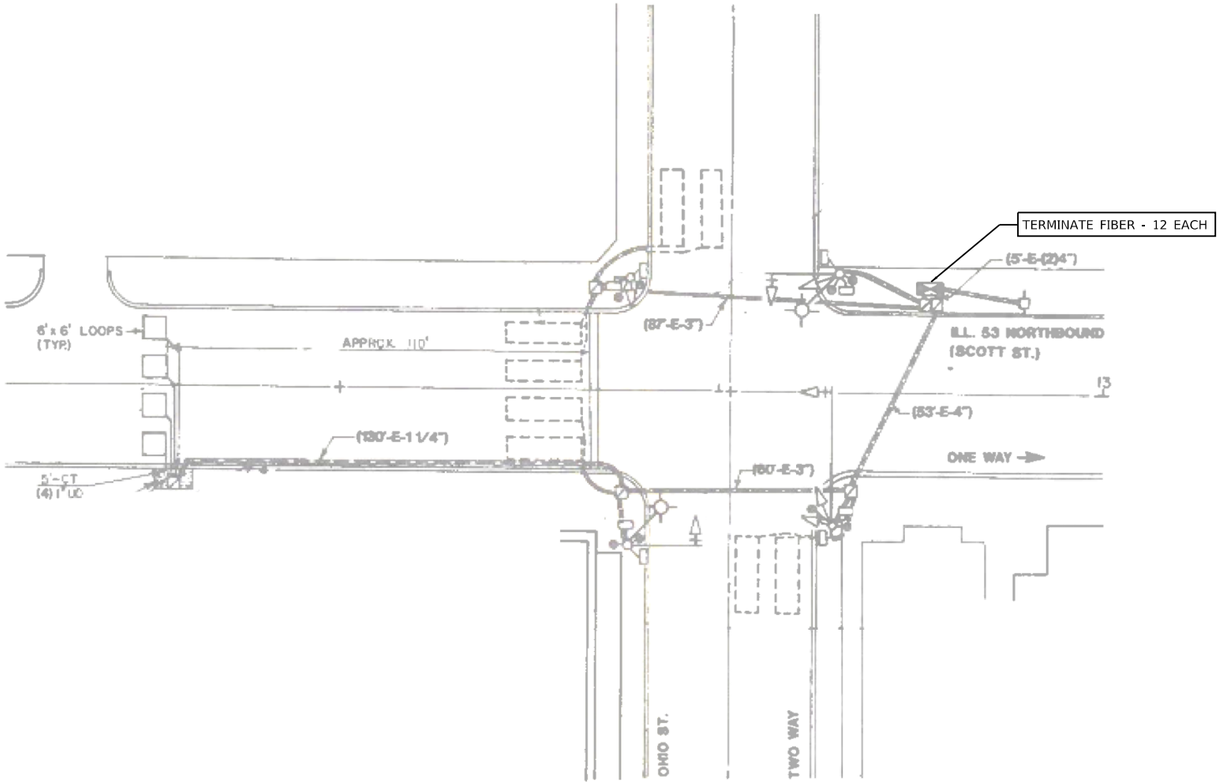
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	55
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 22
TS 21800
FORMER ECON 122
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shareoath\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-int-TS MOD-ECON_122.dgn

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USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
IL ROUTE 53 (SCOTT STREET) AND OHIO STREET

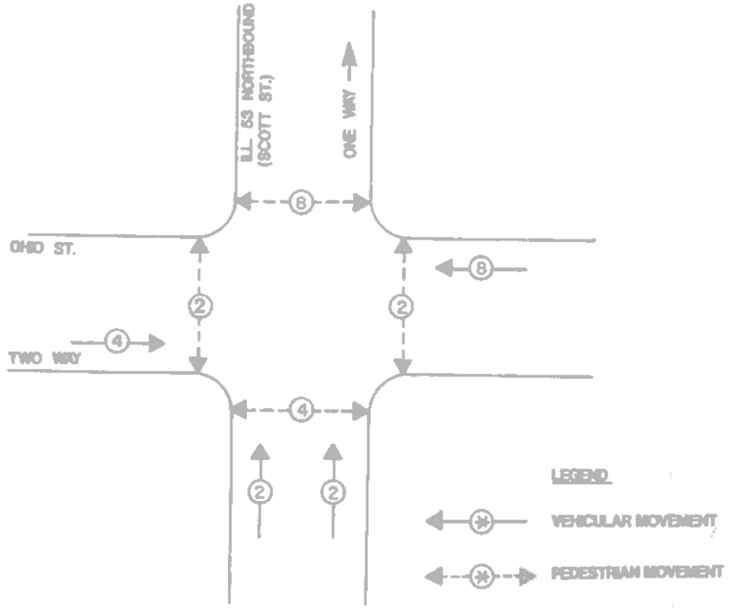
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	56
		CONTRACT NO. XXXXX		
		ILLINOIS	FED. AID PROJECT	

PHASE DESIGNATION DIAGRAM

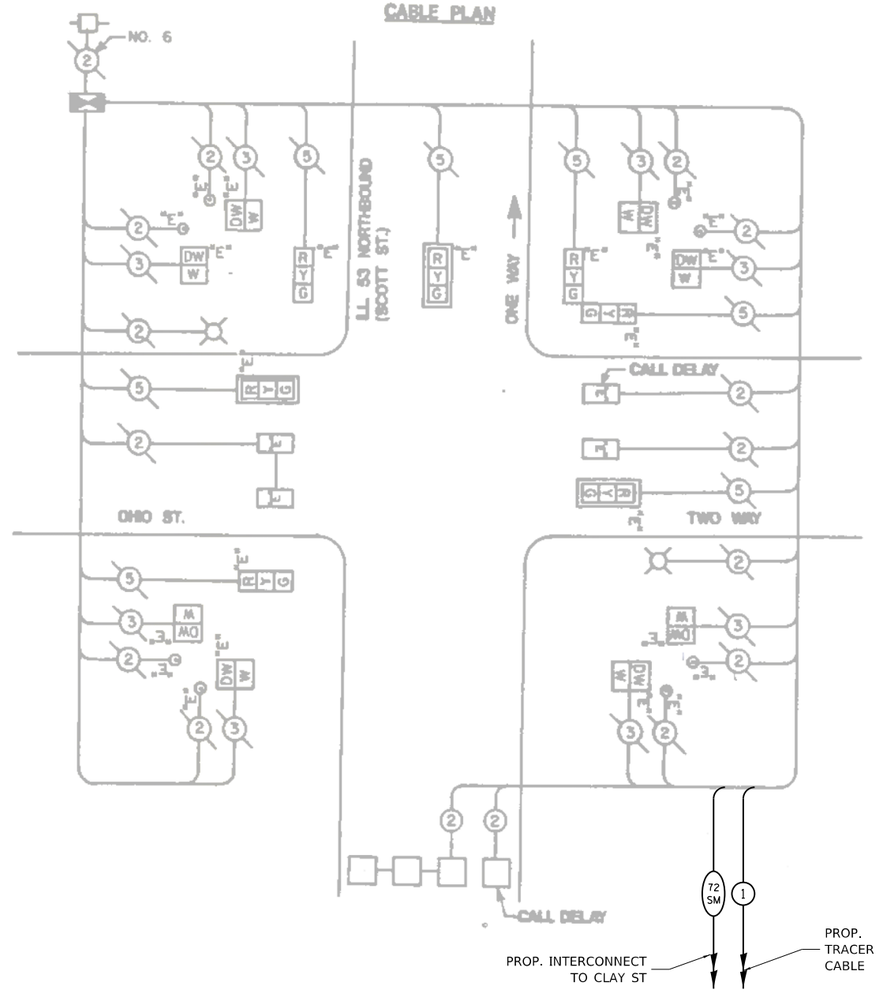
CONTROLLER SEQUENCE IV

REFERRING TO STANDARD 2393-1, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW.



THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".

CABLE PLAN



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	7	11	77
	4-SECTION	-	14	-
	5-SECTION	-	13	-
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	1	35	35
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**407**
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		2	240	480
TOTAL SERVICE WIRE SIZING				**1492**

ENERGY COSTS - BILLED TO:

CITY OF JOLIET
150 W JEFFERSON STREET
JOLIET, IL 60432

ENERGY SUPPLY:
CONTACT: _____
PHONE: _____
COMPANY: COMED
ACCOUNT NUMBER: _____
METER NUMBER: _____

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12

LOCATION NO. 22
TS 21800
FORMER ECON 122
JOLIET CTMS

iteris

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	DRAWN - BF	REVISED -	
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PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 53 (SCOTT STREET) AND OHIO STREET
SCALE: | SHEET OF SHEETS | STA. TO STA.

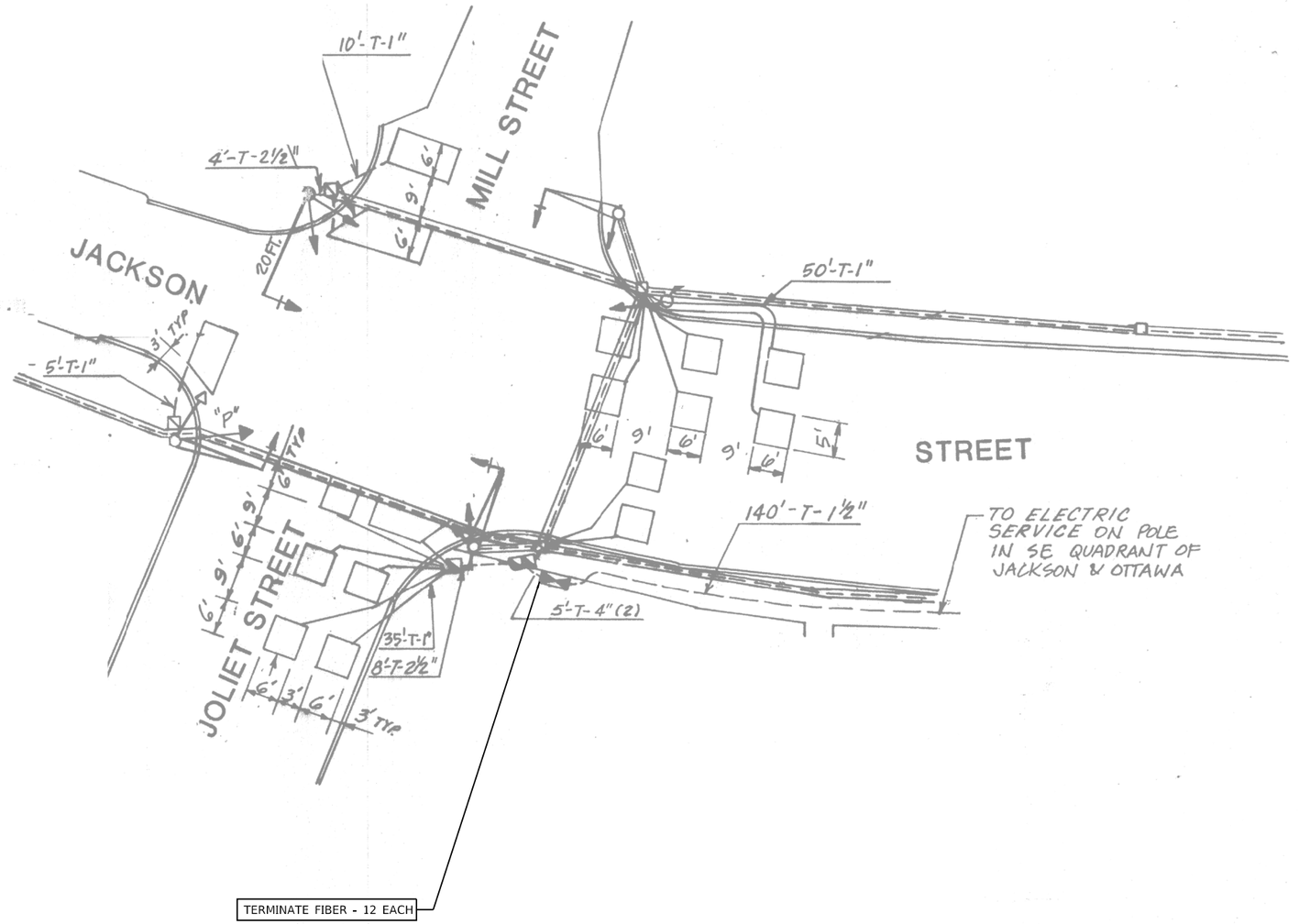
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	57
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: C:\Sharepoint\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-int-CABLE-ECON 122.dgn

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 23
TS 22568
FORMER ECON 122
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Sharepoint\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-sht-TS MOD-ECON 122.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

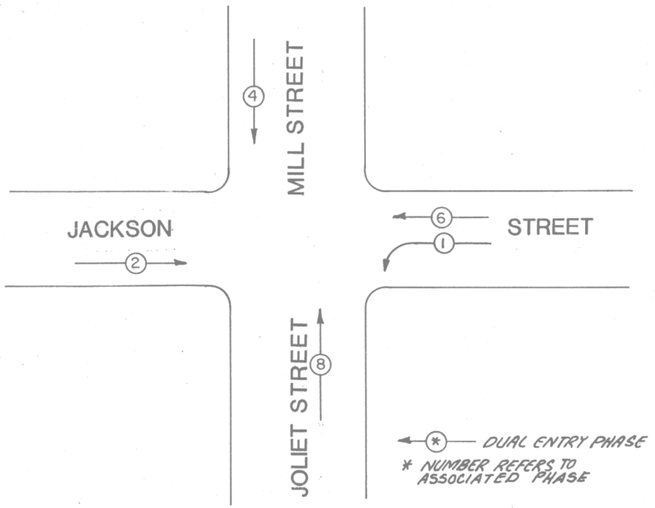
TRAFFIC SIGNAL MODIFICATION PLAN
JACKSON STREET AND JOLIET STREET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	58
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

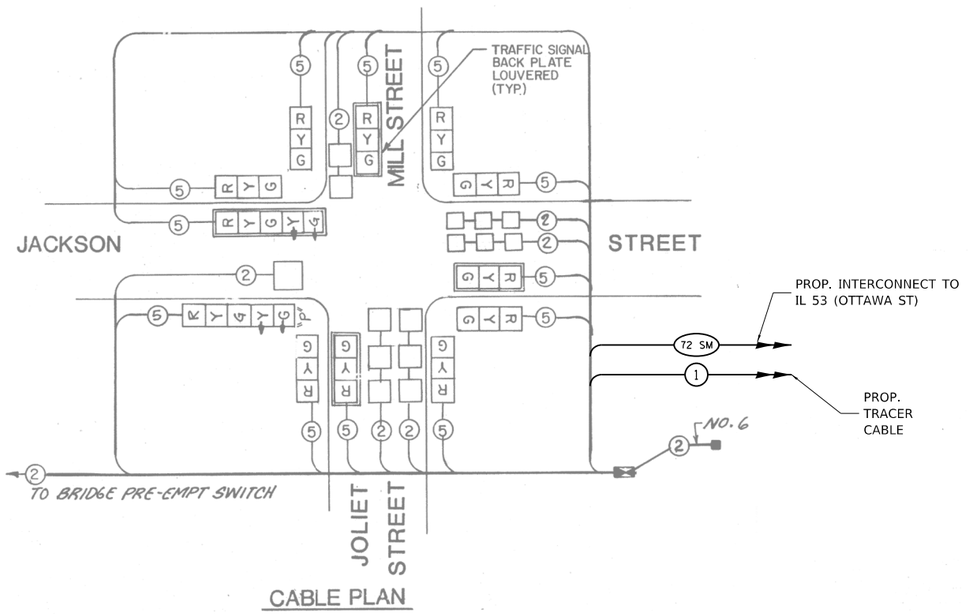
CONTROLLER SEQUENCE

REFERRING TO STANDARD 2393, THE VEHICULAR PHASES USED ARE DESIGNATED BELOW.



PHASE DESIGNATION DIAGRAM

DUAL ENTRY - ALL LEGS PROTECTED / PERMITTED LEFT TURN PHASING



CABLE PLAN

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	10	11	110
	4-SECTION	-	14	-
	5-SECTION	2	13	26
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		-	15	-
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	1	35	35
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**346**
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
TOTAL SERVICE WIRE SIZING				**951**

ENERGY COSTS - BILLED TO:

CITY OF JOLIET
150 W JEFFERSON STREET
JOLIET, IL 60432

ENERGY SUPPLY:
CONTACT: _____
PHONE: _____
COMPANY: COMED
ACCOUNT NUMBER: _____
METER NUMBER: _____

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12

LOCATION NO. 23
TS 22568
FORMER ECON 122
JOLIET CTMS

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
JACKSON STREET AND JOLIET STREET

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

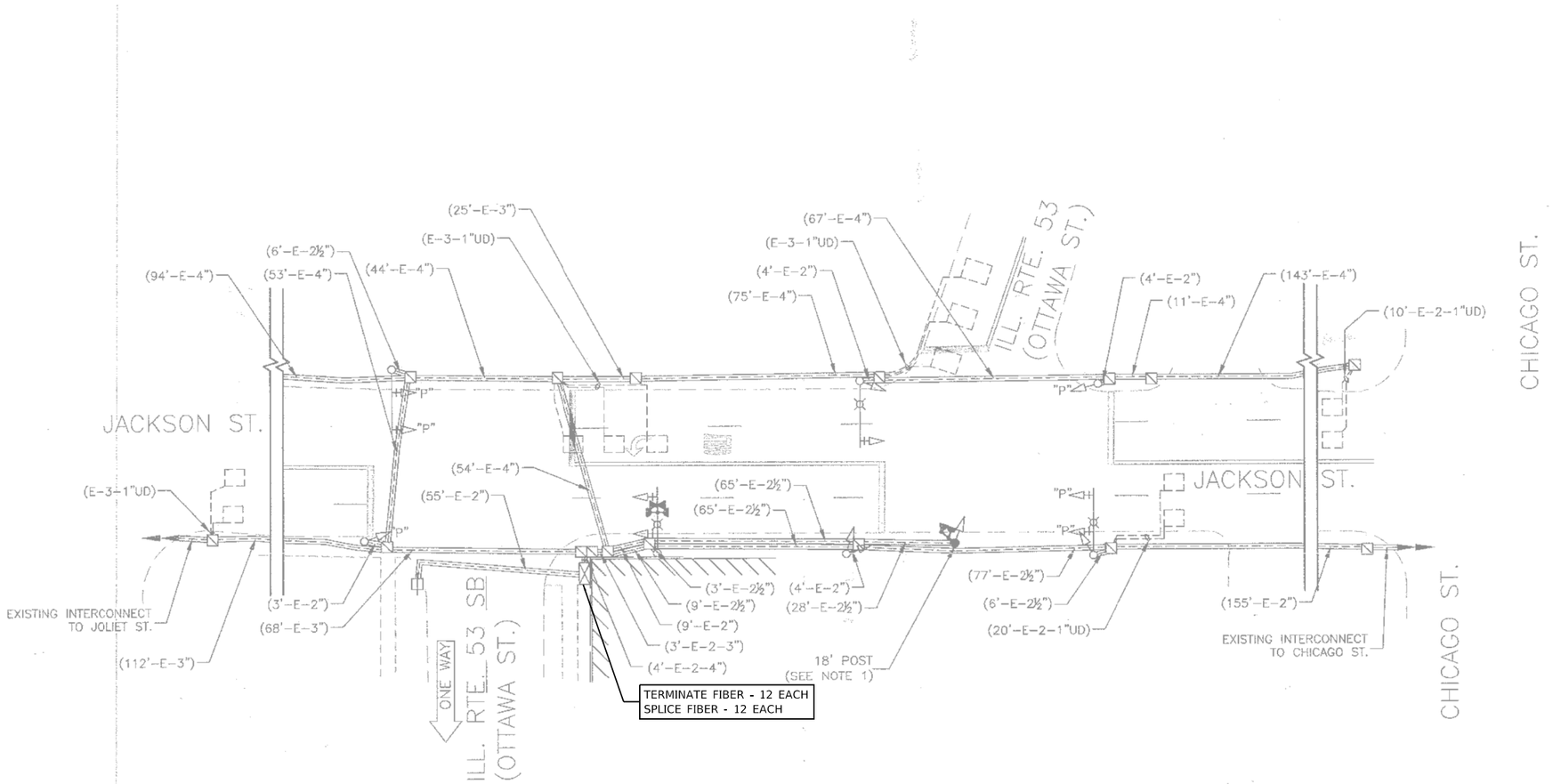
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	59
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: C:\Shareposht\ITERIS INC\Systems - Midwest - Active Projects\1612 - Joliet CTMS Phase 4\CADD\Sheet Files\Joliet ATMS-int-CABLE-ECON 122.dgn

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



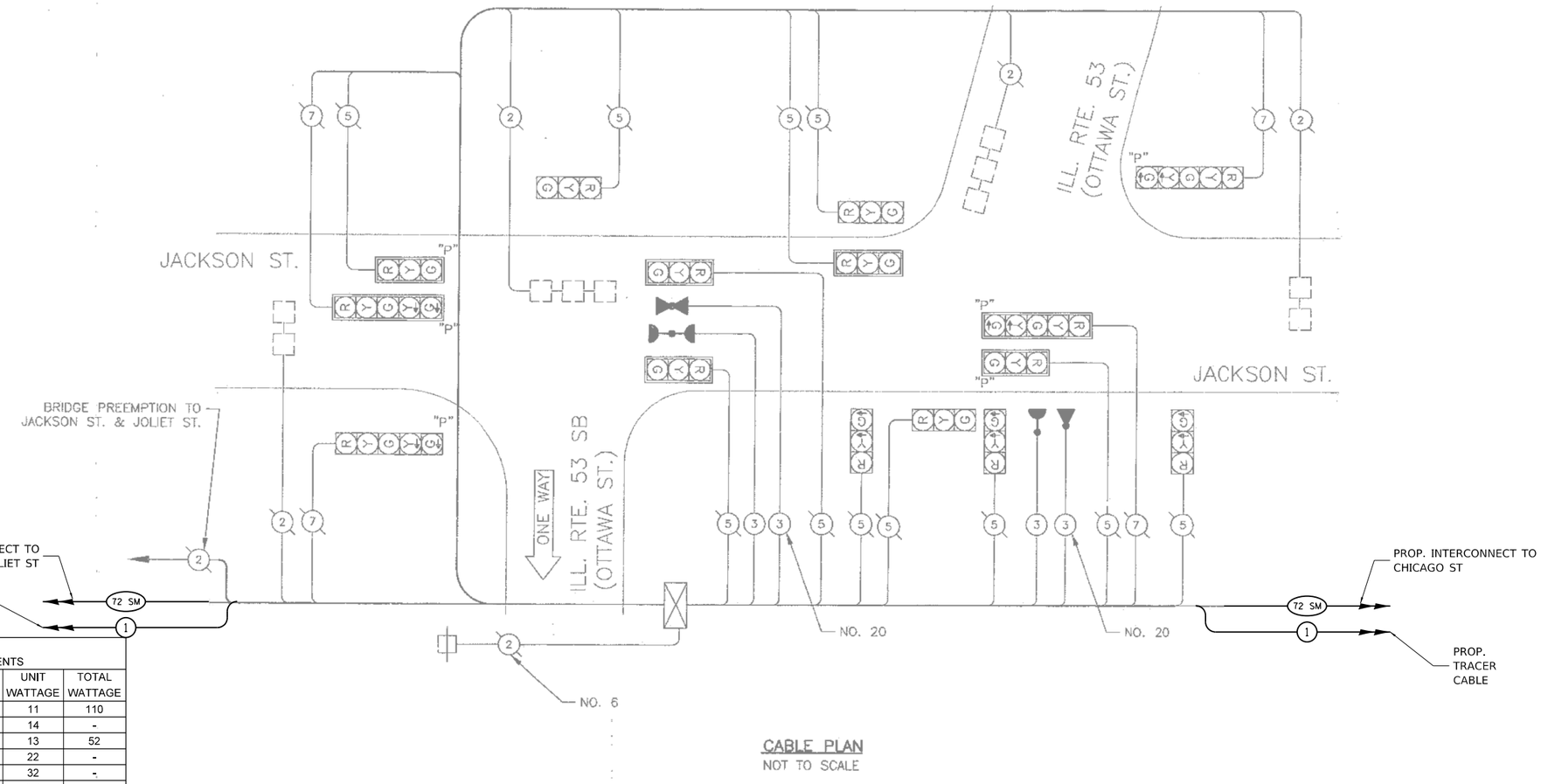
LOCATION NO. 24
TS 22546
FORMER ECON 122
JOLIET CTMS

MODEL: Default
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iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	CITY OF JOLIET	TRAFFIC SIGNAL MODIFICATION PLAN JACKSON STREET AND IL ROUTE 53 (OTTAWA STREET)
	DRAWN - BF	REVISED -		
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	60
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		



CABLE PLAN
NOT TO SCALE

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	10	11	110
	4-SECTION	-	14	-
	5-SECTION	4	13	52
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		4	15	60
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	1	35	35
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**432**
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
TOTAL SERVICE WIRE SIZING				**1037**

ENERGY COSTS - BILLED TO:
CITY OF JOLIET
150 W JEFFERSON STREET
JOLIET, IL 60432

ENERGY SUPPLY:
CONTACT: _____
PHONE: _____
COMPANY: COMED
ACCOUNT NUMBER: _____
METER NUMBER: _____

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
Ssplice FIBER IN CABINET	EACH	12

LOCATION NO. 24
TS 22546
FORMER ECON 122
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Sharepoint\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-int-CABLE-ECON 122.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

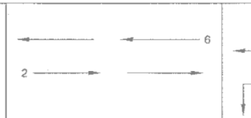
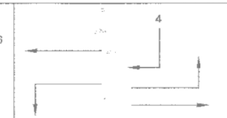
CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
JACKSON STREET AND IL ROUTE 53 (OTTAWA STREET)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	61
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

SEQUENCE OF OPERATION

MOVEMENT																FLASH
PHASE	1 + 6					2 + 6					4					
INTERVAL	1	2A	2B	3A	3B	4	5A	5B	6A	6B	7	8	9	10A	10B	
CHANGE TO		2 + 6		4			1 + 6		4			1 + 6		2 + 6		
JACKSON STREET EB AT ILL. RTE. 53 (OTTAWA STREET) SOUTH LEG - ALL SIGNALS	R	R	R	R	R	G	Y	R	Y	R	R	R	R	R	R	R
JACKSON STREET EB AT ILL. RTE. 53 (OTTAWA STREET) NORTH LEG - FAR LEFT AND LEFT MAST SIGNALS	G	G	G	G	G	G	G	G	G	G	G —G	G —Y	G	G —Y	G	R
JACKSON STREET EB AT ILL. RTE. 53 (OTTAWA STREET) NORTH LEG - RIGHT MAST ARM SIGNAL	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	R
JACKSON STREET WB AT ILL. RTE. 53 (OTTAWA STREET) SOUTH LEG - FAR LEFT AND LEFT MAST ARM SIGNALS	G —G	G —Y	G	G —G	G —G	G	G	G	G	G	G —G	G —G	G —G	G —Y	G	R
JACKSON STREET WB AT ILL. RTE. 53 (OTTAWA STREET) SOUTH LEG - RIGHT MAST ARM SIGNAL	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	R
JACKSON STREET WB AT ILL. RTE. 53 (OTTAWA STREET) NORTH LEG - ALL SIGNALS	G	G	G	Y	R	G	G	G	Y	R	R	R	R	R	R	R
ILL. RTE. 53 (OTTAWA STREET) SB AT JACKSON STREET - ALL SIGNALS (NORTH LEG)	R	R	R	R	R	R	R	R	R	R	G—	Y—	R	Y—	R	R

BRIDGE PREEMPTION SEQUENCE

											PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	PREEMPTOR NUMBER 2			
CHANGE FROM NORMAL SEQUENCE OF OPERATIONS INTERVAL NUMBER	1		4		7											
CHANGE FROM EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER							2		3							
BRIDGE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	2	3	4	RESUME		
CHANGE TO BRIDGE PREEMPTION INTERVAL NUMBER	1B	2	1D	2	1F	2	1H	2	1K	2	3	4		NORMAL 4		
JACKSON STREET EB AT ILL. RTE. 53 (OTTAWA STREET) SOUTH LEG - ALL SIGNALS	R	R	Y	R	R	R	G	G	R	R	G	Y	R	R		
JACKSON STREET EB AT ILL. RTE. 53 (OTTAWA STREET) NORTH LEG - FAR LEFT AND LEFT MAST SIGNALS	G	G	G	G	G —G	G —G	G	G	G —G	G —G	G —G	G —G	G —G	G —G		
JACKSON STREET EB AT ILL. RTE. 53 (OTTAWA STREET) NORTH LEG - RIGHT MAST ARM SIGNAL	G	G	G	G	G	G	G	G	G	G	G	G	G	G		
JACKSON STREET WB AT ILL. RTE. 53 (OTTAWA STREET) SOUTH LEG - FAR LEFT AND LEFT MAST ARM SIGNALS	Y	R	Y	R	Y	R	Y	R	Y —Y	R	R	R	R	G —G		
JACKSON STREET WB AT ILL. RTE. 53 (OTTAWA STREET) SOUTH LEG - RIGHT MAST ARM SIGNAL	Y	R	Y	R	Y	R	Y	R	Y	R	R	R	R	G		
JACKSON STREET WB AT ILL. RTE. 53 (OTTAWA STREET) NORTH LEG - ALL SIGNALS	Y	R	Y	R	R	R	Y	R	R	R	R	R	R	R		
ILL. RTE. 53 (OTTAWA STREET) SB AT JACKSON STREET - ALL SIGNALS (NORTH LEG)	R	R	R	R	Y—	R	R	R	Y—	R	R	R	R	G—		
													HOLD			

EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION

											PREEMPTOR NUMBER 3	PREEMPTOR NUMBER 4	
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1				4			7					CLEAR TO NORMAL SEQUENCE
EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	2	3	
CHANGE TO EMERGENCY VEHICLE PREEMPTION SEQUENCE OF OPERATION INTERVAL NUMBER	1B	2	1D	3	2	1G	3	1J	2	3			◊
JACKSON STREET EB AT ILL. RTE. 53 (OTTAWA STREET) SOUTH LEG - ALL SIGNALS	R	R	R	R	G	Y	R	R	R	R	G	R	◊
JACKSON STREET EB AT ILL. RTE. 53 (OTTAWA STREET) NORTH LEG - FAR LEFT AND LEFT MAST SIGNALS	G	G	G	G	G	G	G	G —Y	G	G —G	G	G —G	◊
JACKSON STREET EB AT ILL. RTE. 53 (OTTAWA STREET) NORTH LEG - RIGHT MAST ARM SIGNAL	G	G	G	G	G	G	G	G	G	G —G	G	G	◊
JACKSON STREET WB AT ILL. RTE. 53 (OTTAWA STREET) SOUTH LEG - FAR LEFT AND LEFT MAST ARM SIGNALS	G —Y	G	G —G	G —G	G	G	G	G —Y	G	G —G	G	G —G	◊
JACKSON STREET WB AT ILL. RTE. 53 (OTTAWA STREET) SOUTH LEG - RIGHT MAST ARM SIGNAL	G	G	G	G	G	G	G	G	G	G —G	G	G	◊
JACKSON STREET WB AT ILL. RTE. 53 (OTTAWA STREET) NORTH LEG - ALL SIGNALS	G	G	Y	R	G	Y	R	R	R	R	G	R	◊
ILL. RTE. 53 (OTTAWA STREET) SB AT JACKSON STREET - ALL SIGNALS (NORTH LEG)	R	R	R	R	R	R	R	Y—	R	G—	R	G—	◊

◊ EMERGENCY VEHICLE SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION OR PROPER CLEARANCE INTERVAL TO DISPLAY A DIFFERENT EMERGENCY INTERVAL AFTER EMERGENCY VEHICLE INTERVAL 2 OR 3 IS TERMINATED.

FOR INFORMATION ONLY

LOCATION NO. 24
TS 22546
FORMER ECON 122
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\Joliet\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-jnt-CABLE-ECON 122.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
JACKSON STREET AND IL ROUTE 53 (OTTAWA STREET)

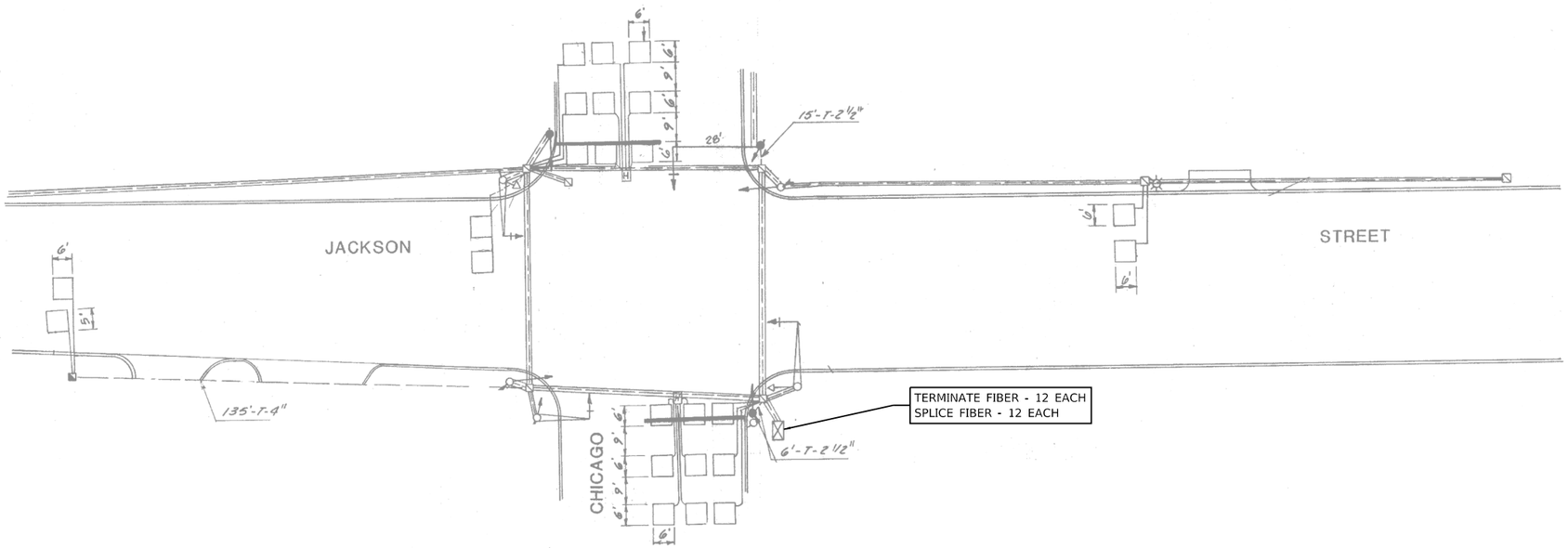
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	62
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 25
FORMER ECON 122
JOLIET CTMS

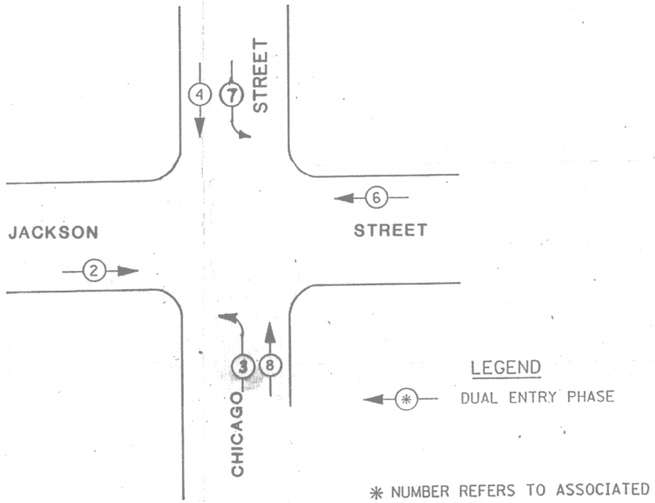
iteris	USER NAME = bfunk	DESIGNED - BF	REVISED -	CITY OF JOLIET	TRAFFIC SIGNAL MODIFICATION PLAN JACKSON STREET AND CHICAGO STREET
		DRAWN - BF	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -		
	PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	63
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
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CONTROLLER SEQUENCE

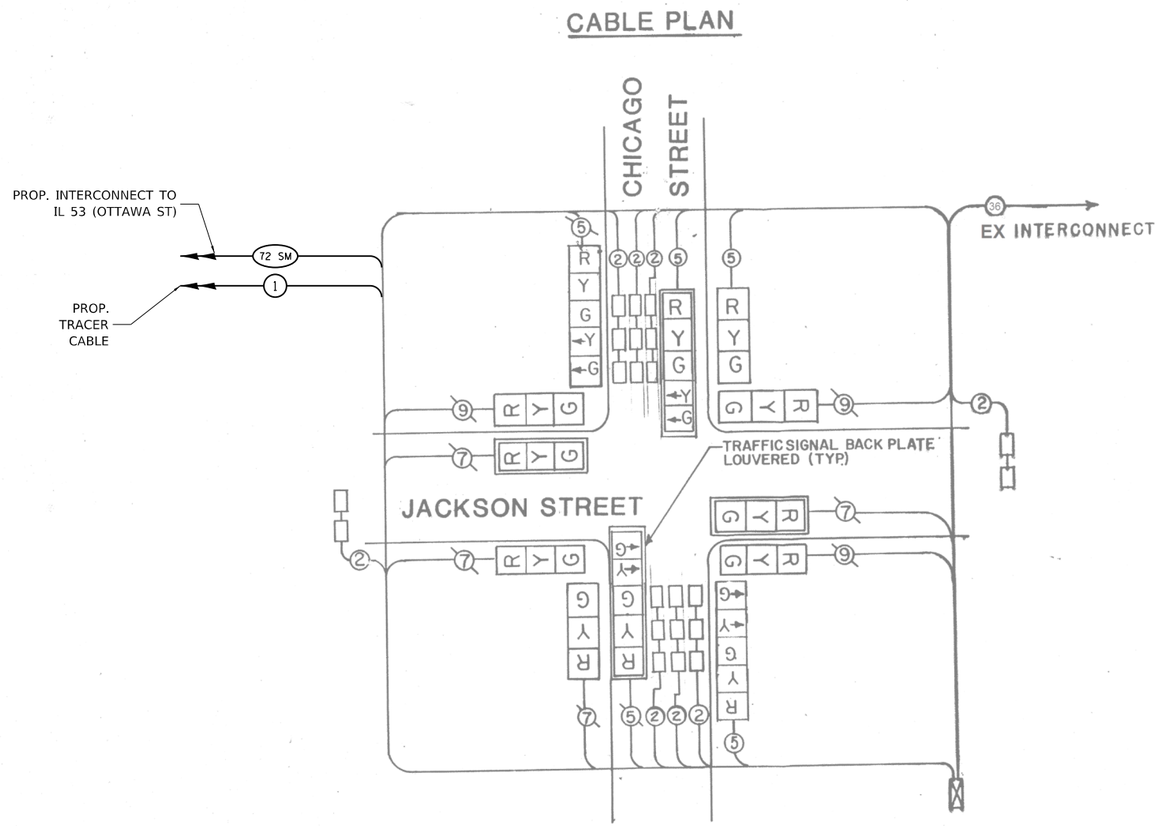
REFERRING TO STANDARD 2393, THE VEHICULAR PHASES USED ARE DESIGNATED BELOW.



PHASE DESIGNATION DIAGRAM

DUAL ENTRY ALL LEGS
PROTECTED/PERMITTED LEFT TURN PHASING

CABLE PLAN



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	8	11	88
	4-SECTION	-	14	-
	5-SECTION	4	13	52
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		4	15	60
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		-	25	-
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	1	35	35
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**385**
UPS CHARGING		-	225	-
BATTERY HEATER MAT		-	180	-
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
TOTAL SERVICE WIRE SIZING				**585**

ENERGY COSTS - BILLED TO:
CITY OF JOLIET
150 W JEFFERSON STREET
JOLIET, IL 60432

ENERGY SUPPLY:
CONTACT: _____
PHONE: _____
COMPANY: COMED
ACCOUNT NUMBER: _____
METER NUMBER: _____

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
SPLICE FIBER IN CABINET	EACH	12

LOCATION NO. 25
FORMER ECON 122
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\nat\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-int-CABLE-ECON 122.dgn

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USER NAME = bfunk	DESIGNED - BF	REVISED -	CITY OF JOLIET
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

TRAFFIC SIGNAL CABLE PLAN
JACKSON STREET AND CHICAGO STREET

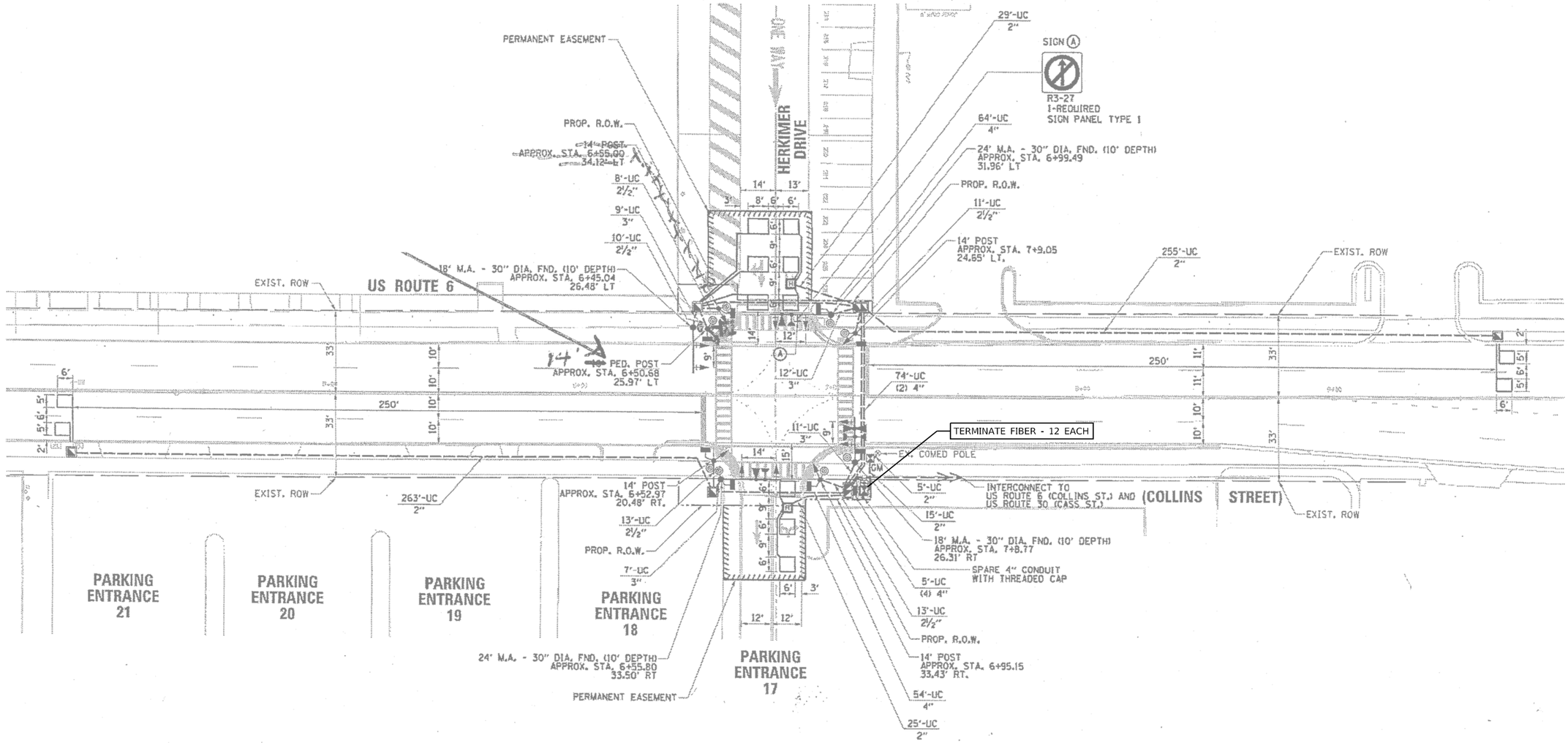
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	64
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 26
TS 7613
FORMER ECON 123
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shareood\nt\ITERIS INC\Systems - Midwest - Active Projects\1612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-Int-TS MOD-ECON_123.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -

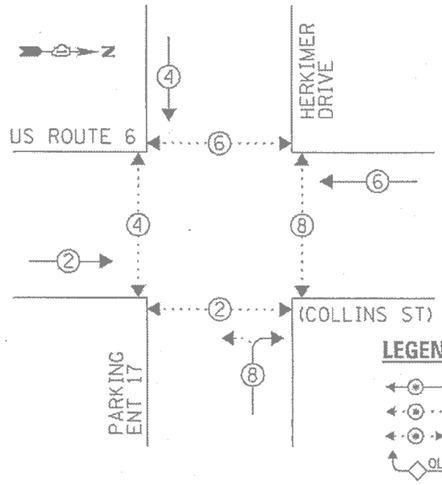
CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
US ROUTE 6 (COLLINS STREET) AND HERKIMER DRIVE

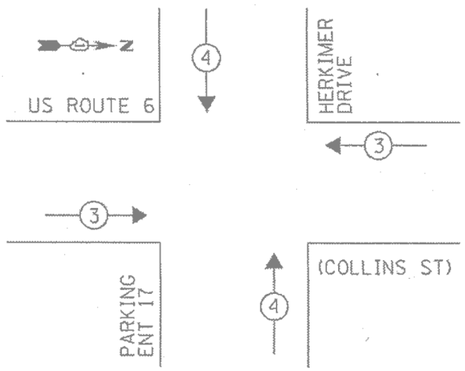
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	65
		CONTRACT NO. XXXXX		
		ILLINOIS	FED. AID PROJECT	

PROPOSED CONTROLLER SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

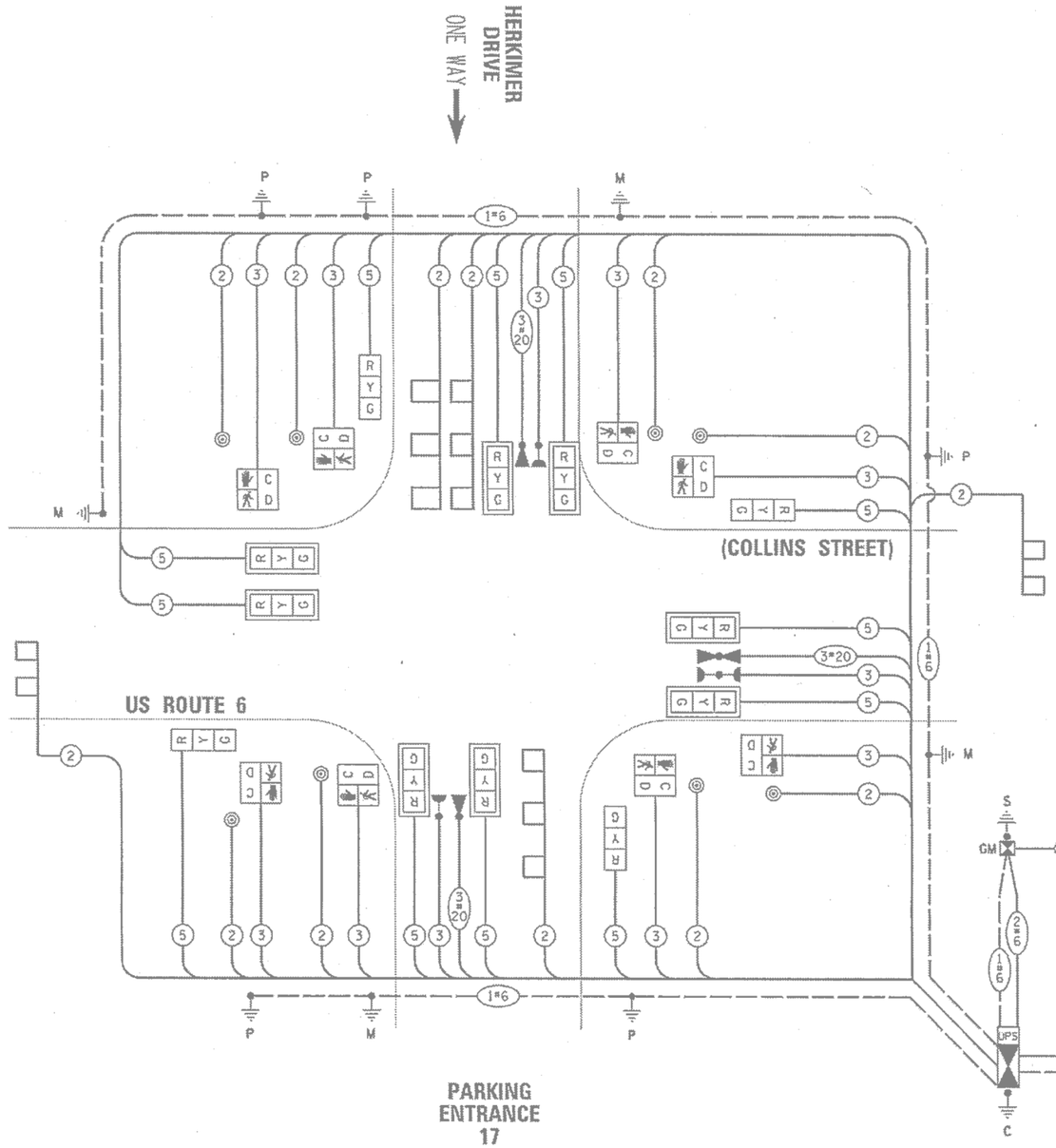


TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	-	10	10	-
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
-	-	-	-	-
ENERGY COSTS TO:			TOTAL =	427.8

CITY OF JOLIET
150 W. JEFFERSON STREET
JOLIET, ILLINOIS 60432

ENERGY SUPPLY: CONTACT: DONNA GILE
PHONE: (815) 724 5923
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12

LOCATION NO. 26
TS 7613
FORMER ECON 123
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-int-CABLE-ECON 123.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
US ROUTE 6 (COLLINS STREET) AND HERKIMER DRIVE

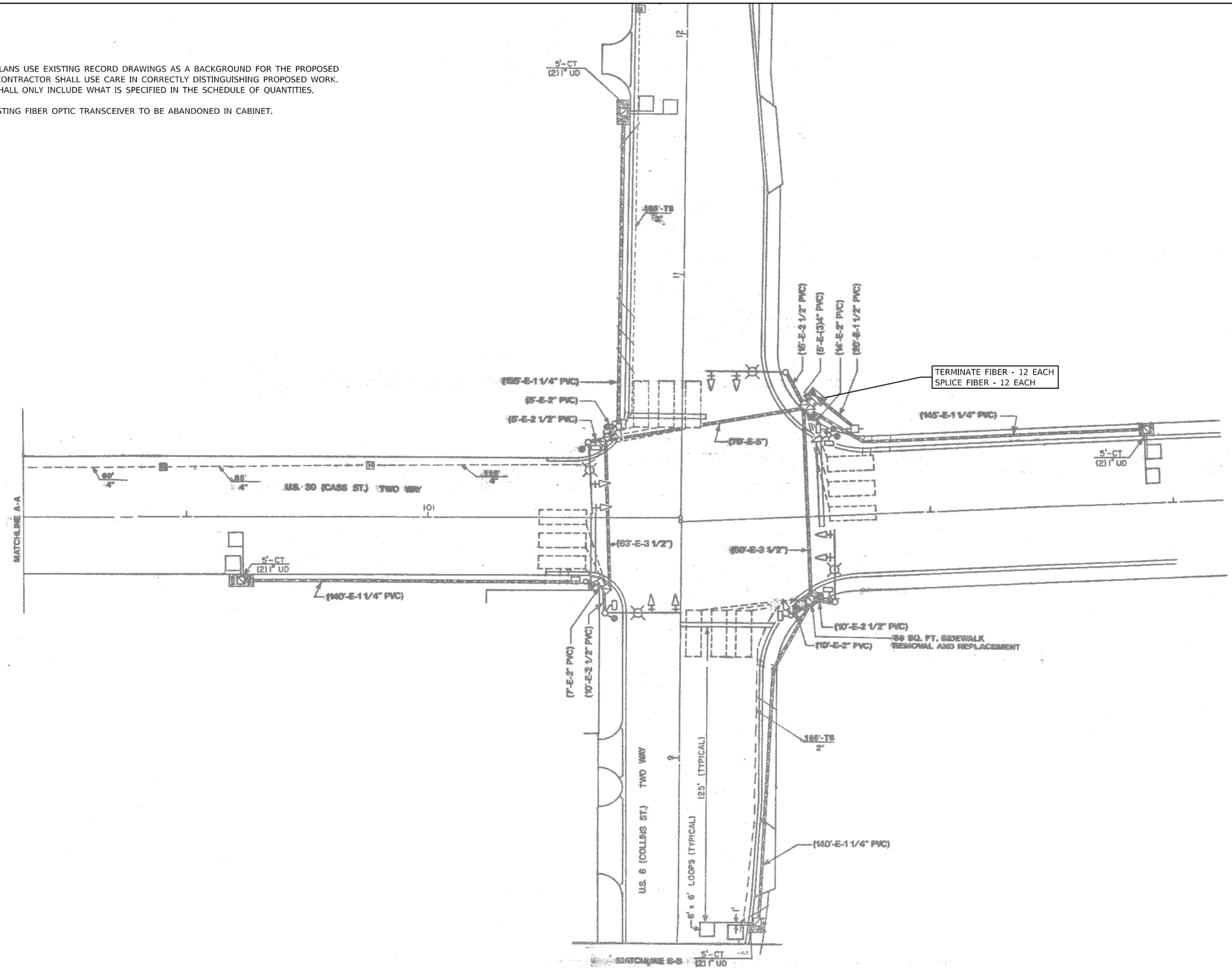
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	66
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 27
TS 21781
FORMER ECON 123
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\JobNiTERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-jnl-TS MOD-ECON 123.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -

CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
US ROUTE 30 (CASS STREET) AND US ROUTE 6 (COLLINS STREET)

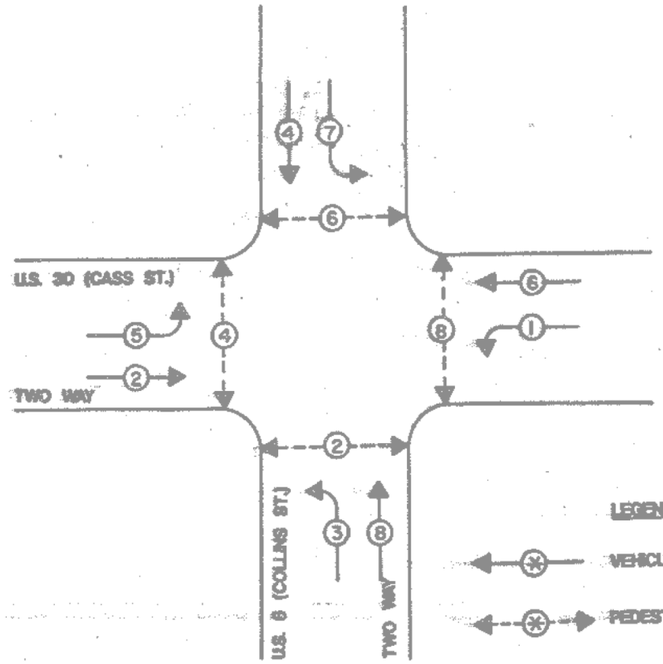
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	67
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

PHASE DESIGNATION DIAGRAM

CONTROLLER SEQUENCE XI

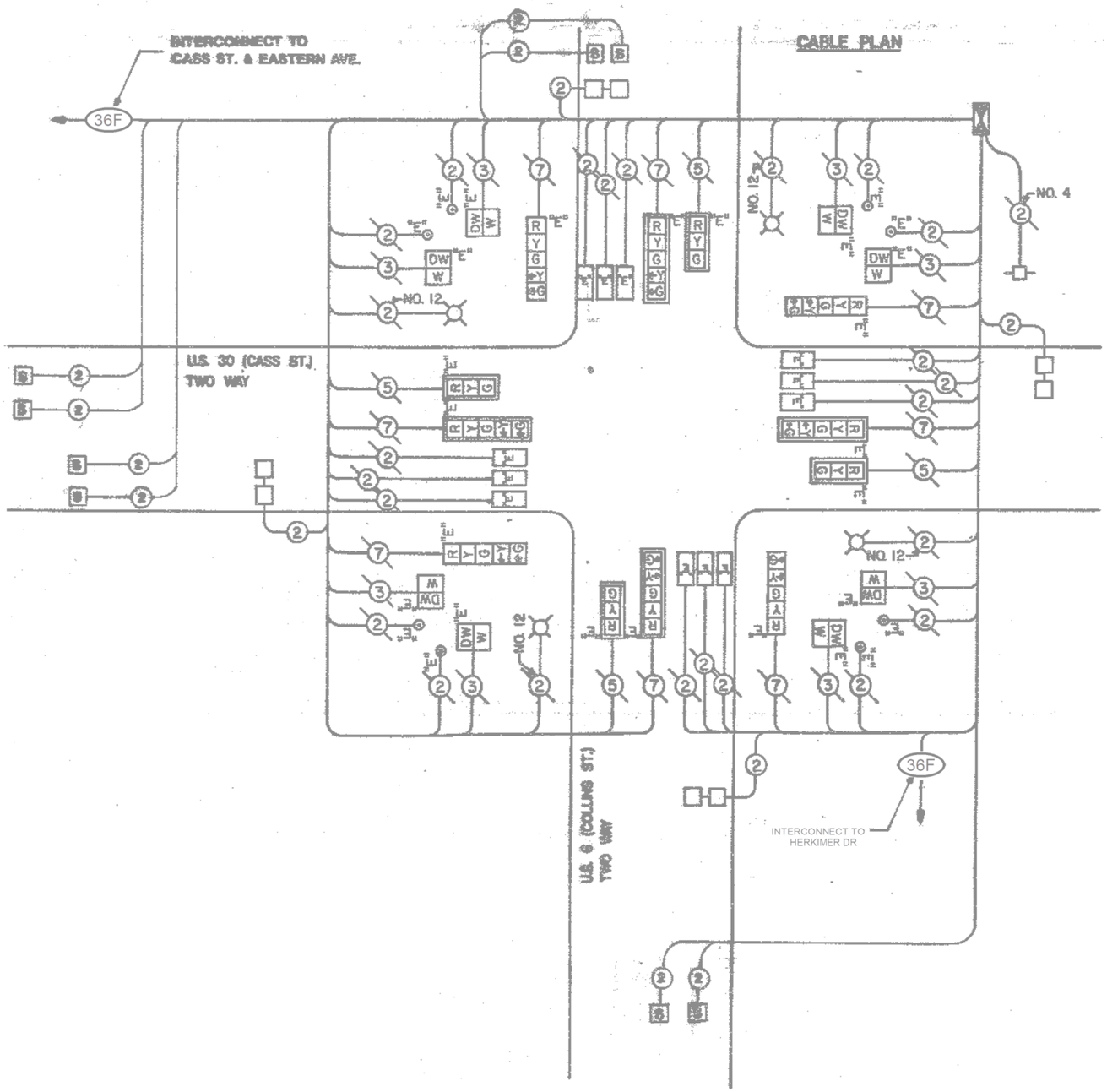
REFERRING TO STANDARD 2353-1, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW.



LEGEND

- VEHICULAR MOVEMENT
- PEDESTRIAN MOVEMENT
- * NUMBER REFERS TO ASSOCIATED PHASE

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE".



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	4	11	44
	4-SECTION	-	14	-
	5-SECTION	8	13	104
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	1	35	35
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				**478**
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		4	240	960
TOTAL SERVICE WIRE SIZING				**2043**

ENERGY COSTS - BILLED TO:

CITY OF JOLIET
150 W JEFFERSON STREET
JOLIET, IL 60432

ENERGY SUPPLY:
CONTACT: _____
PHONE: _____
COMPANY: COMED
ACCOUNT NUMBER: _____
METER NUMBER: _____

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
SPLICE FIBER IN CABINET	EACH	12

LOCATION NO. 27
TS 21781
FORMER ECON 123
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shareapoint\ITERIS INC\Systems - Midwest - Active Projects\1612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-Int-CABLE-ECON 123.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
US ROUTE 30 (CASS STREET) AND US ROUTE 6 (COLLINS STREET)

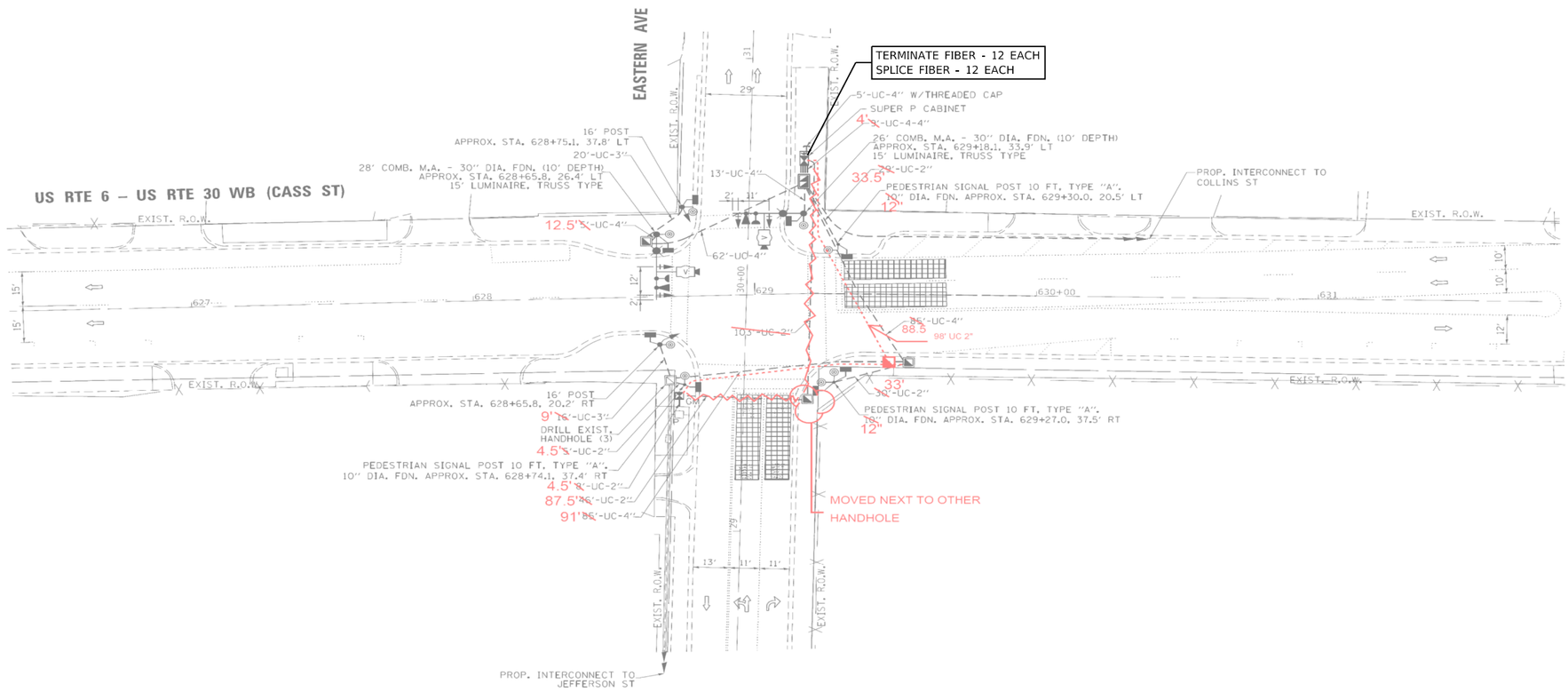
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	68
		CONTRACT NO. XXXXX		
		ILLINOIS	FED. AID PROJECT	

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 28
TS 21780
FORMER ECON 123
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\Projects\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase 2\CADD\Sheet Files\Joliet ATMS-phI-TS MOD-ECON 123.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
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PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

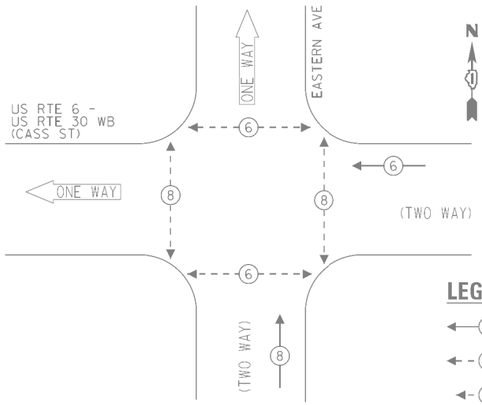
CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
US ROUTE 30 (CASS STREET) AND EASTERN AVENUE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	69
		CONTRACT NO. XXXXX		
		ILLINOIS	FED. AID PROJECT	

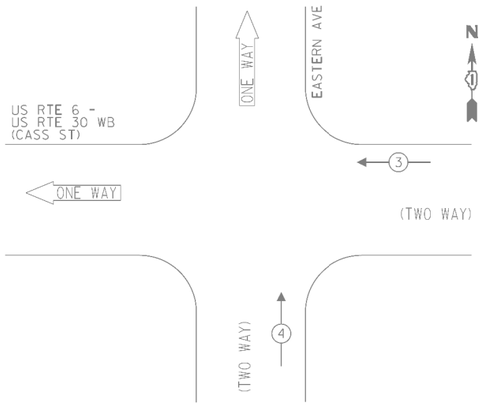
CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL — OVERLAP

EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	6	11	50	33.0
(YELLOW)	6	20	5	6.0
(GREEN)	6	12	45	32.4
PERMISSIVE ARROW	-	10	10	-
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	2	120	50	120.0
LUMINAIRE	2	240	50	240.0
			TOTAL =	866.4

ENERGY COSTS TO:

CITY OF JOLIET
150 W JEFFERSON STREET
JOLIET, IL 60432

ENERGY SUPPLY: CONTACT: ANNETTE KISALA
PHONE: (815) 724-5328
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:

(A)



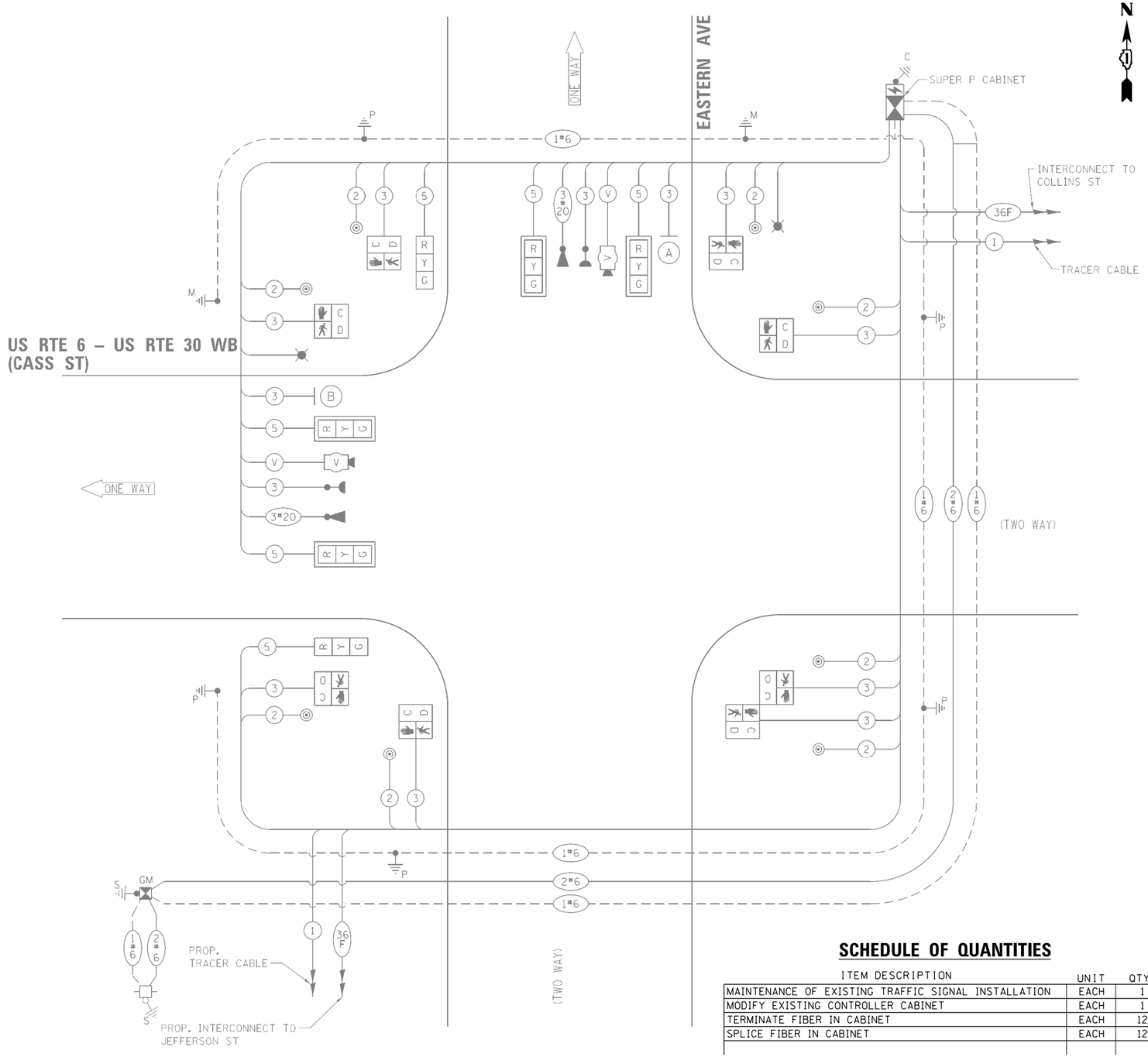
ILLUMINATED SIGN
(1 REQUIRED)

(B)



ILLUMINATED SIGN
(1 REQUIRED)

NOTE: THE SIGNS ARE DOUBLE SIDED.



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
SPLICE FIBER IN CABINET	EACH	12

LOCATION NO. 28
TS 21780
FORMER ECON 123
JOLIET CTMS

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	CITY OF JOLIET	TRAFFIC SIGNAL CABLE PLAN US ROUTE 30 (CASS STREET) AND EASTERN AVENUE
	DRAWN - BF	REVISED -		
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -		
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	70
		CONTRACT NO. XXXXX		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: C:\Shareepoint\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-sht-CABLE-ECON 123.dgn

REMOVAL AND RELOCATION NOTES:

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

1 EACH TRAFFIC SIGNAL CONTROLLER

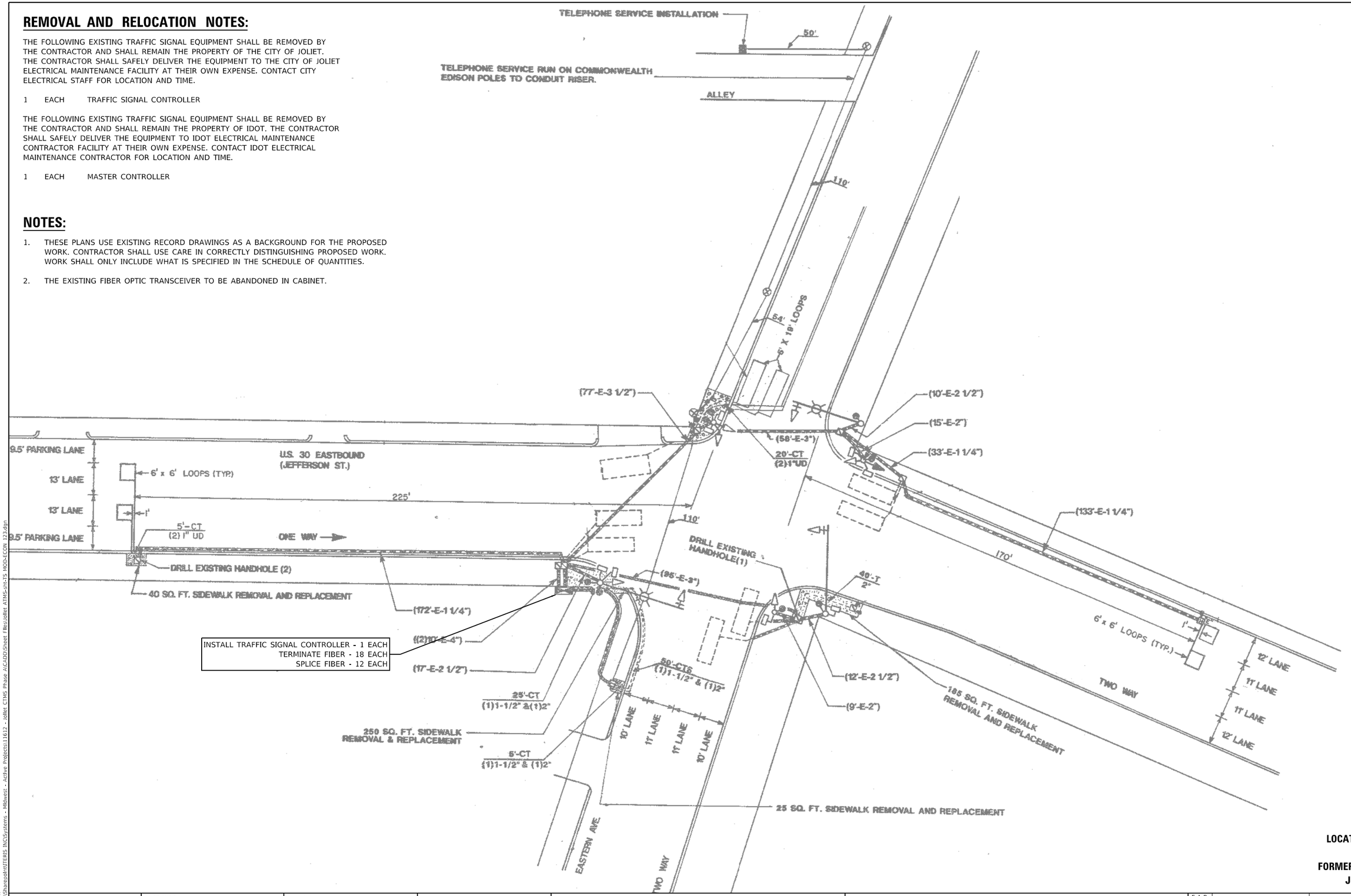
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF IDOT. THE CONTRACTOR SHALL SAFELY DELIVER THE EQUIPMENT TO IDOT ELECTRICAL MAINTENANCE CONTRACTOR FACILITY AT THEIR OWN EXPENSE. CONTACT IDOT ELECTRICAL MAINTENANCE CONTRACTOR FOR LOCATION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

1 EACH MASTER CONTROLLER

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 29
TS 21782
FORMER ECON 123
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Sharepoint\ITERIS INC\Systems - Midwest - Active Projects\1612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-sht-TS MOD-ECON 123.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

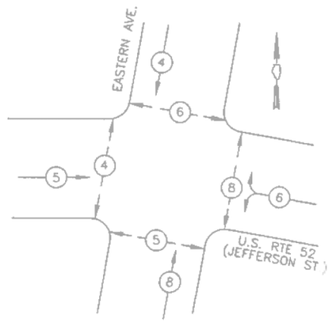
CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
US ROUTE 30 (JEFFERSON STREET) AND EASTERN AVENUE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	71
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

CONTROLLER SEQUENCE

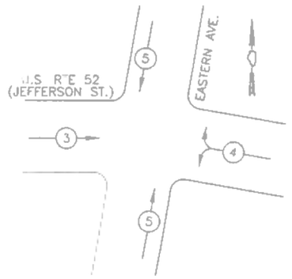


LEGEND

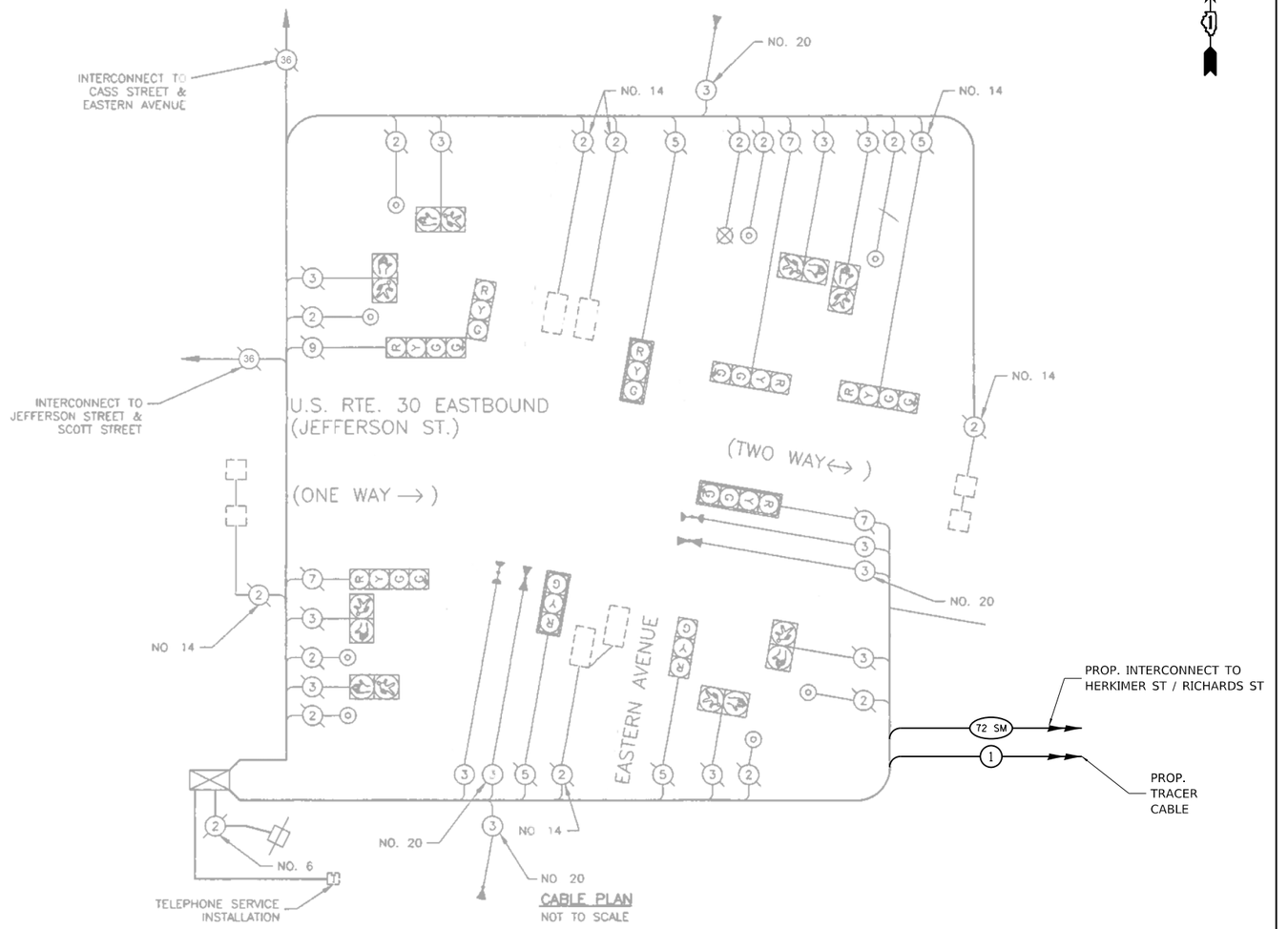
- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OL — OVERLAP
- PEDESTRIAN MOVEMENT
- * — NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	→	↑	↑↑



CABLE PLAN
NOT TO SCALE

.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	9	135	17	0.50	608
(YELLOW)	9	135	25	0.25	304
(GREEN)	9	135	15	0.25	304
ARROW	5	135	12	0.10	68
PED. SIGNAL	8	90	25	1.00	720
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
				TOTAL =	2104

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY. _____

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
TERMINATE FIBER IN CABINET	EACH	18
SPLICE FIBER IN CABINET	EACH	12
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1

LOCATION NO. 29
TS 21782
FORMER ECON 123
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Sharepoint\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-int-CABLE-ECON 123.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
US ROUTE 30 (JEFFERSON STREET) AND EASTERN AVENUE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	72
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

REMOVAL AND RELOCATION NOTES:

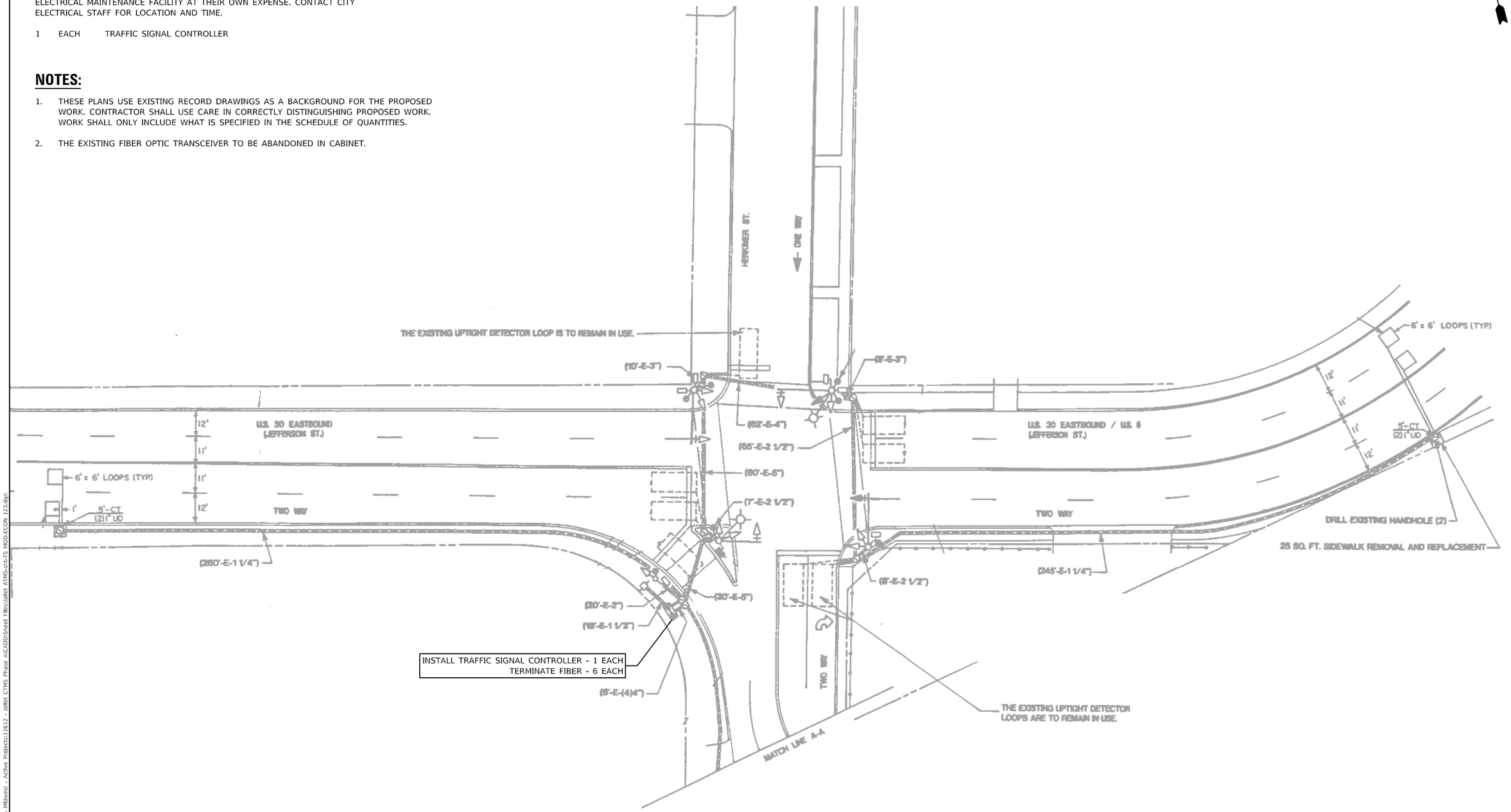
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE CITY OF JOLIET. THE CONTRACTOR SHALL SAFELY DELIVER THE EQUIPMENT TO THE CITY OF JOLIET ELECTRICAL MAINTENANCE FACILITY AT THEIR OWN EXPENSE. CONTACT CITY ELECTRICAL STAFF FOR LOCATION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

1 EACH TRAFFIC SIGNAL CONTROLLER

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 30
TS 22563
FORMER ECON 123
JOLIET CTMS

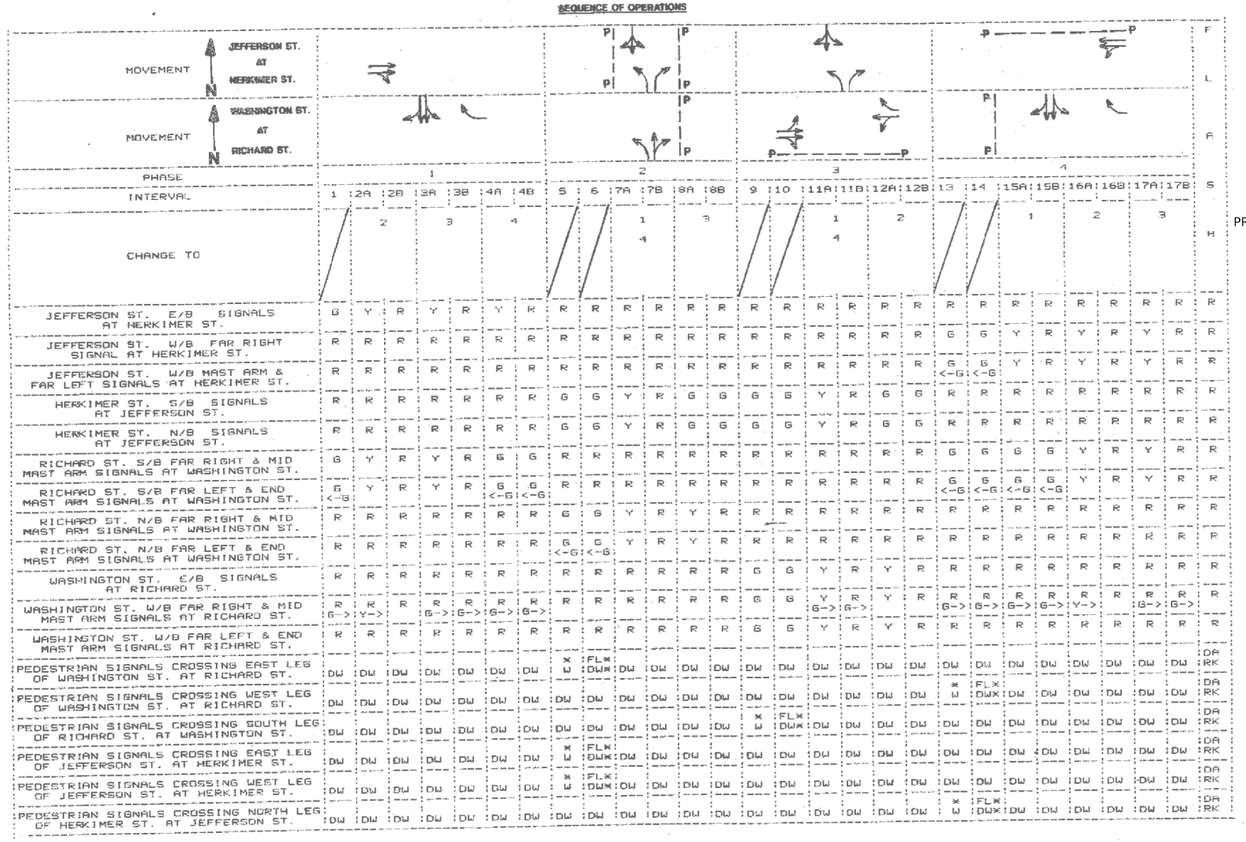
MODEL: Default
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iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	CITY OF JOLIET	TRAFFIC SIGNAL MODIFICATION PLAN US ROUTE 30 (JEFFERSON STREET) AND RICHARDS STREET
	DRAWN - BF	REVISED -		
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	73
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

SEQUENCE OF OPERATIONS



| | | |

REMOVAL AND RELOCATION NOTES:

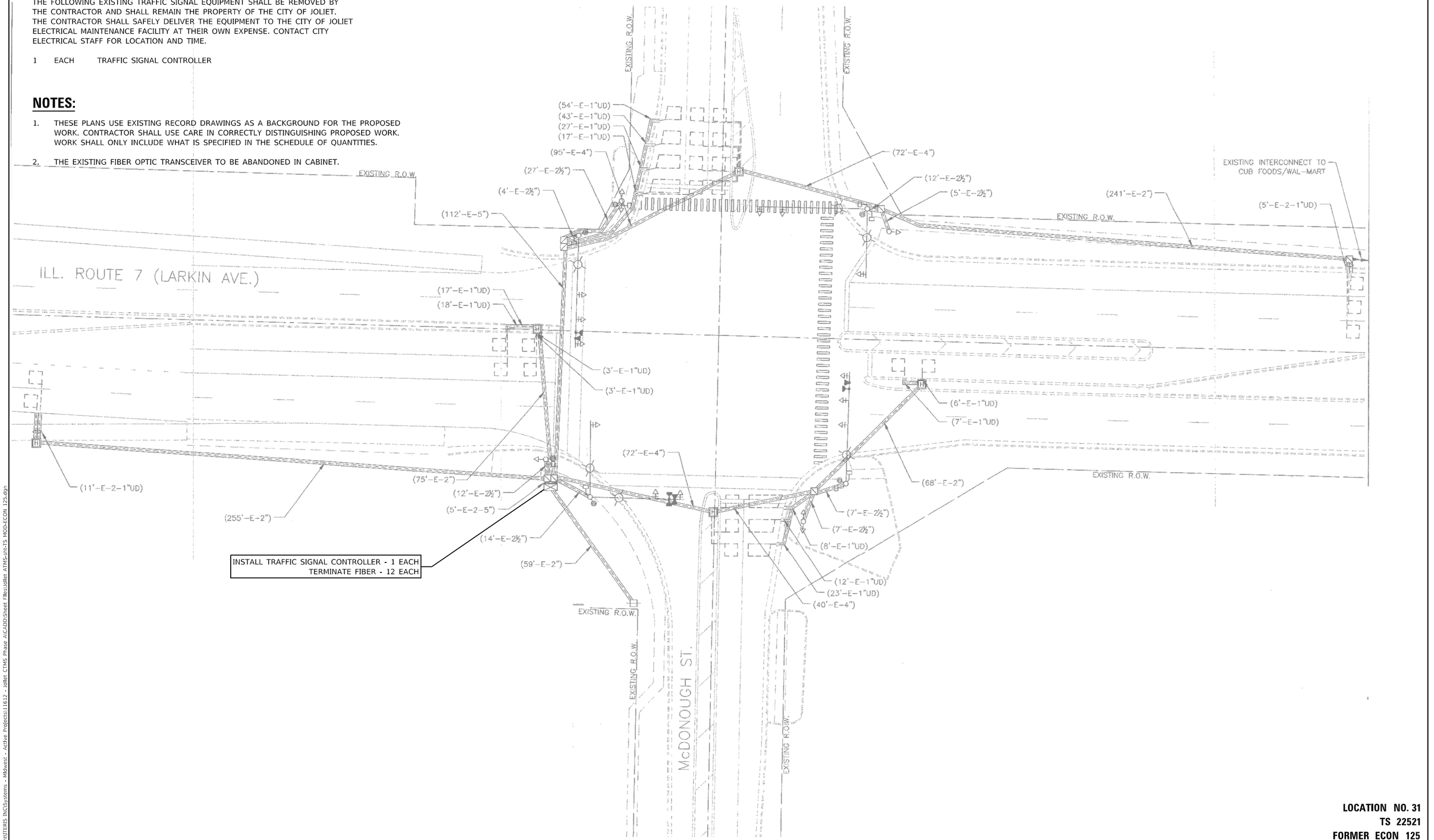
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE CITY OF JOLIET. THE CONTRACTOR SHALL SAFELY DELIVER THE EQUIPMENT TO THE CITY OF JOLIET ELECTRICAL MAINTENANCE FACILITY AT THEIR OWN EXPENSE. CONTACT CITY ELECTRICAL STAFF FOR LOCATION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

1 EACH TRAFFIC SIGNAL CONTROLLER

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 31
TS 22521
FORMER ECON 125
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shareoath\ITERIS INC\Systems - Midwest - Active Projects\1612 - Joliet CTMS Phase 4\CADD\Sheet Files\Joliet ATMS-Int-TS MOD-ECON 125.dgn

iteris

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	DRAWN - BF	REVISED -	
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PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

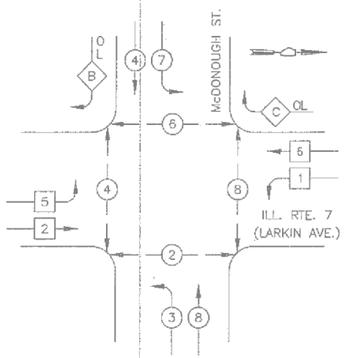
CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
IL ROUTE 7 (LARKIN AVENUE) AND McDONOUGH STREET

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	75
		CONTRACT NO. XXXXX		
		ILLINOIS	FED. AID PROJECT	

CONTROLLER SEQUENCE



LEGEND

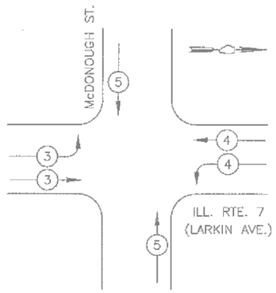
- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OVERLAP
- PEDESTRIAN MOVEMENT
- * NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

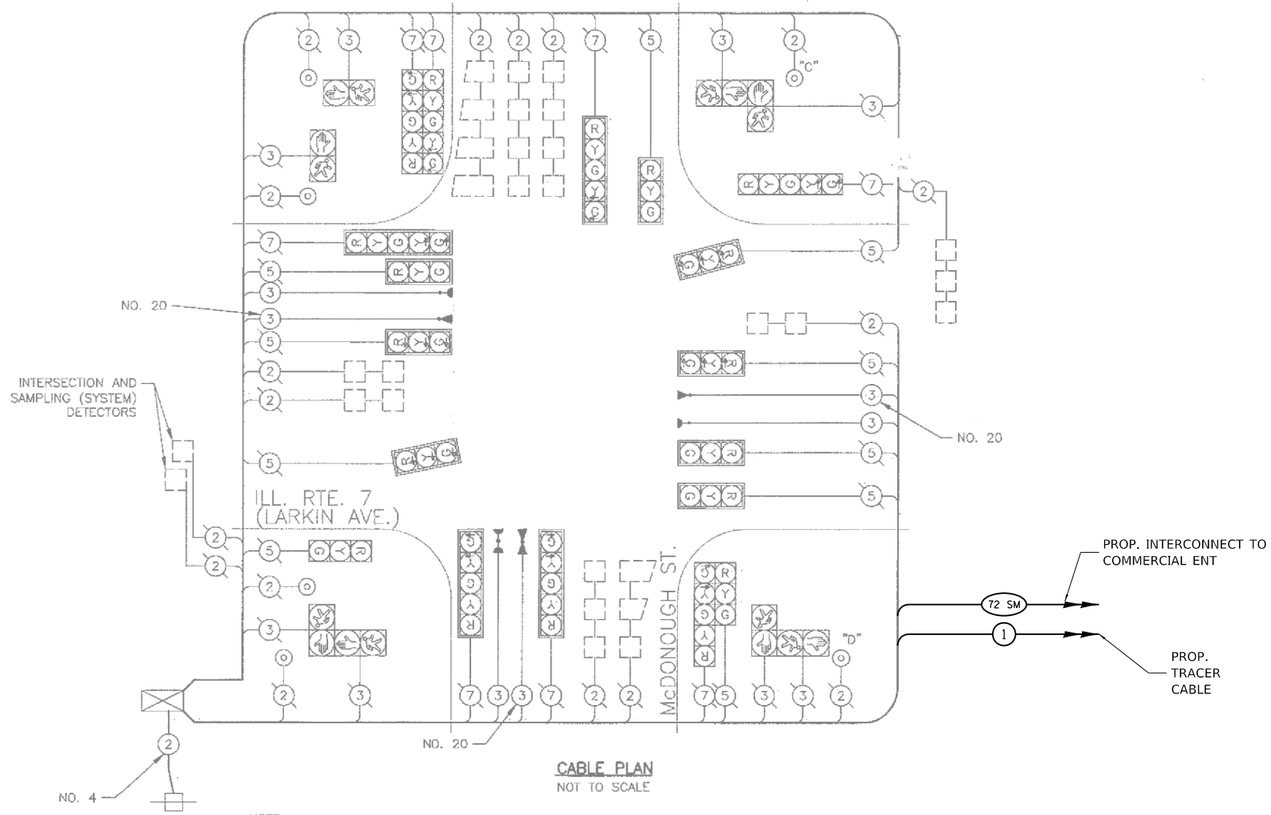
RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5
C	=	6	+	7

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT			



CABLE PLAN
NOT TO SCALE

NOTE:

PUSHBUTTON C SHALL PLACE A CALL TO PHASES 6 & 8
PUSHBUTTON D SHALL PLACE A CALL TO PHASES 2 & 8

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	
SIGNAL (RED)	18	135	17	0.50	1215
(YELLOW)	18	135	25	0.25	608
(GREEN)	18	135	15	0.25	608
ARROW	25	135	12	0.10	338
PED. SIGNAL	8	90	25	1.00	720
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
				TOTAL =	3589

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: _____

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1

LOCATION NO. 31
TS 22521
FORMER ECON 125
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shareqoint\ITERIS INC\Systems - Midwest - Active Projects\1612 - Joliet CTMS Phase ACAD\Sheet Files\Joliet ATMS-pH-CABLE-ECON 125.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 7 (LARKIN AVENUE) AND McDONOUGH STREET

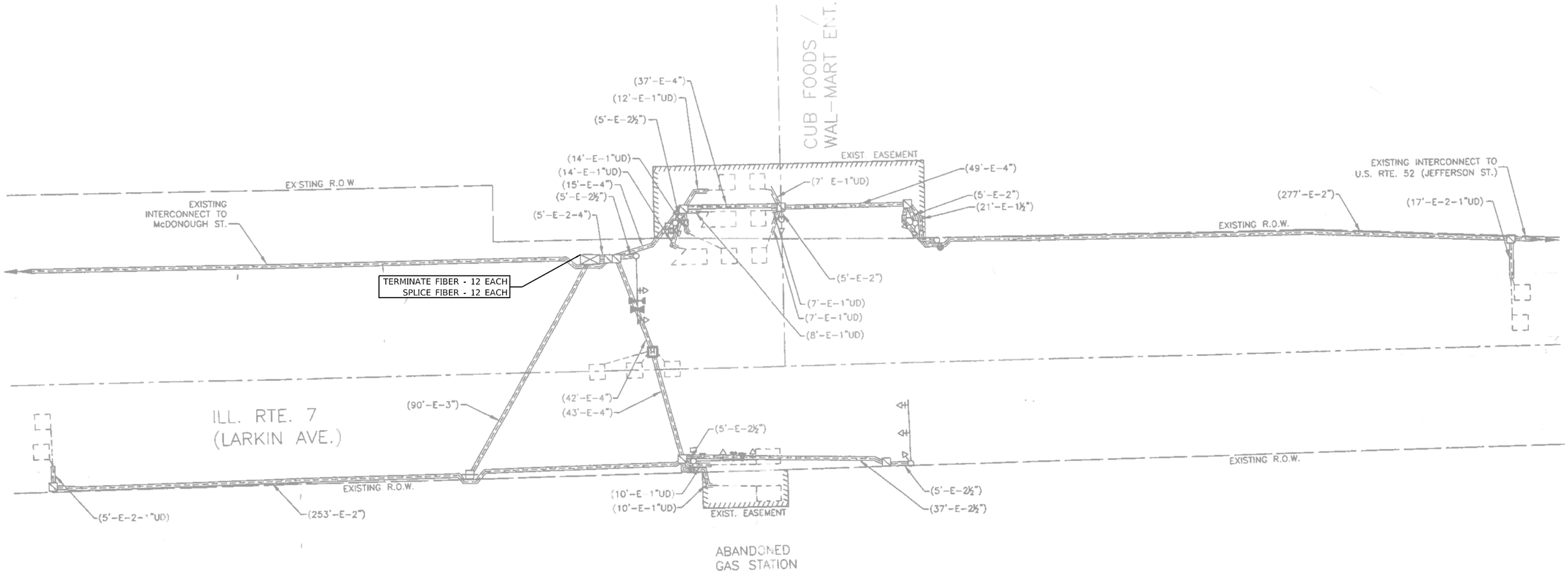
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	76
		CONTRACT NO. XXXXX		
		ILLINOIS	FED. AID PROJECT	

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 32
TS 22522
FORMER ECON 125
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Sharepoint\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-sht-TS MOD-ECON 125.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

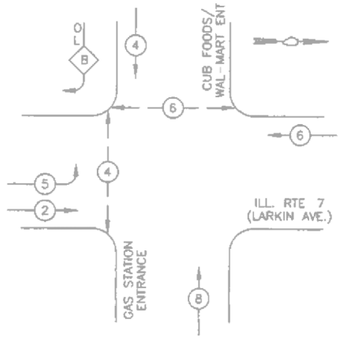
CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
IL ROUTE 7 (LARKIN AVENUE) AND COMMERCIAL

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	77
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

CONTROLLER SEQUENCE



LEGEND

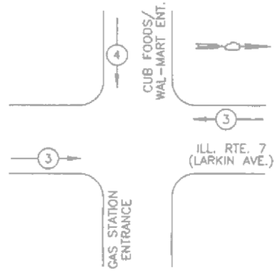
- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OL — OVERLAP
- PEDESTRIAN MOVEMENT
- * — NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

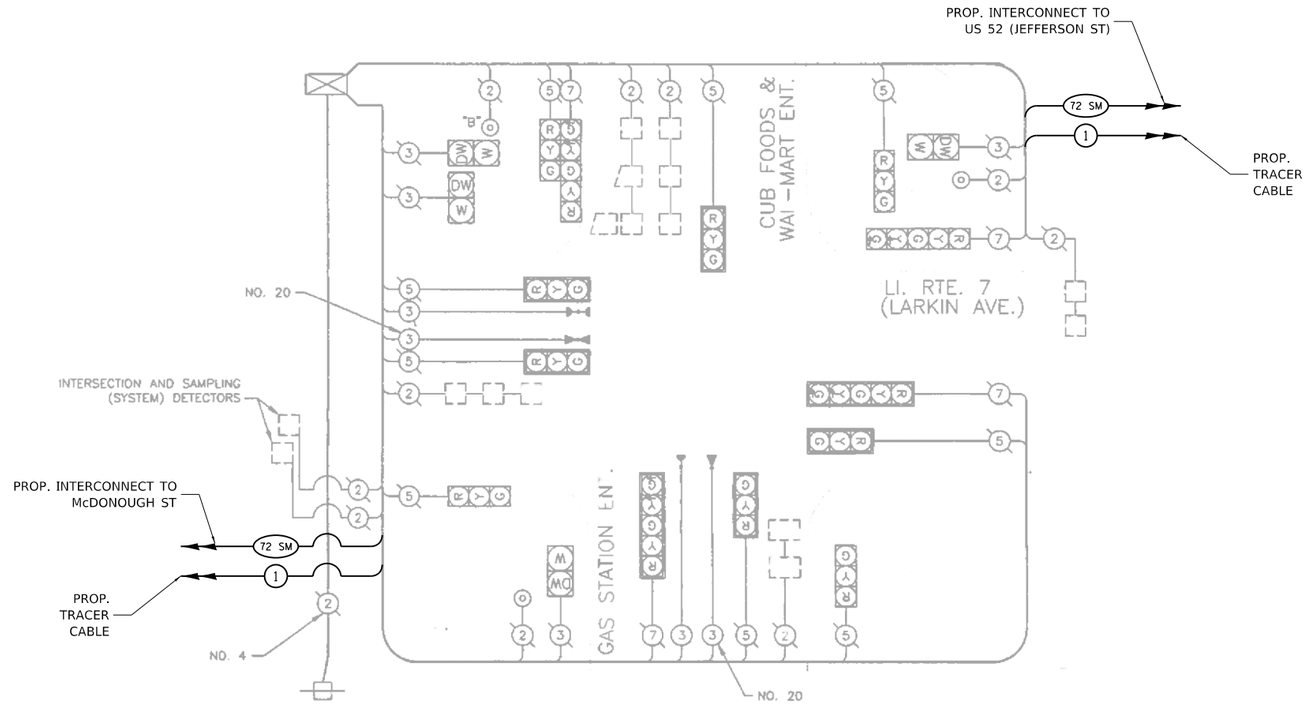
RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	→	↑



CABLE PLAN
NOT TO SCALE

NOTE:

PUSHBUTTON B SHAL. PLACE A CALL TO PHASES 4 & 6

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS×	WATTAGE INCAND.	WATTAGE LED	x% OPERATION	
SIGNAL (RED)	11	135	17	0.50	743
(YELLOW)	11	135	25	0.25	372
(GREEN)	11	135	15	0.25	372
ARROW	8	135	12	0.10	108
PED SIGNAL	4	90	25	1.00	360
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
				TOTAL =	2055

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT _____
PHONE: _____
COMPANY: _____

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
Ssplice FIBER IN CABINET	EACH	12

LOCATION NO. 32
TS 22522
FORMER ECON 125
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\nITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase 4\CADD\Sheet Files\Joliet ATMS-int-CABLE-ECON 125.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 7 (LARKIN AVENUE) AND COMMERCIAL ENTRANCE

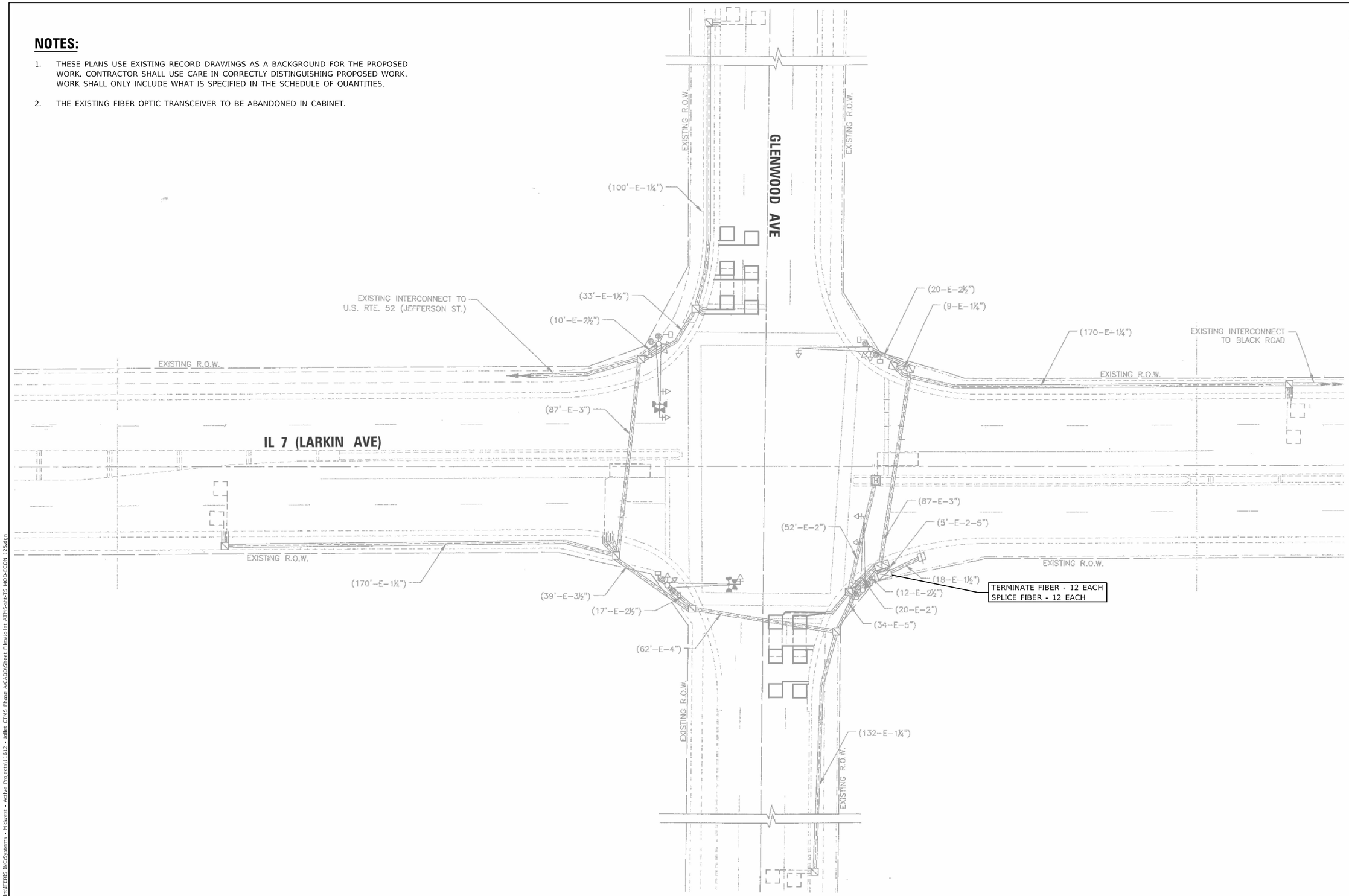
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	78
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 33
TS 22523
FORMER ECON 125
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shareoath\ITERIS INC\Systems - Midwest - Active Projects\1612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-Int-TS MOD-ECON 125.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

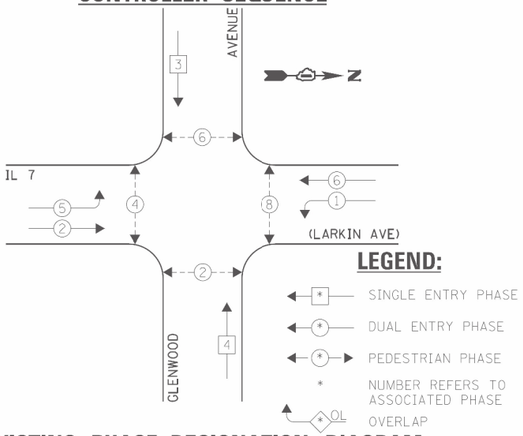
CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
IL ROUTE 7 (LARKIN AVENUE) AND GLENWOOD AVENUE

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

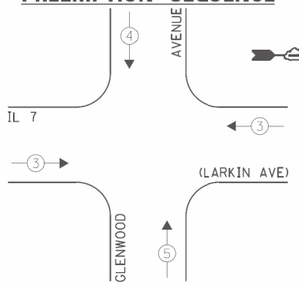
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	79
		CONTRACT NO. XXXXX		
		ILLINOIS	FED. AID PROJECT	

EXISTING CONTROLLER SEQUENCE

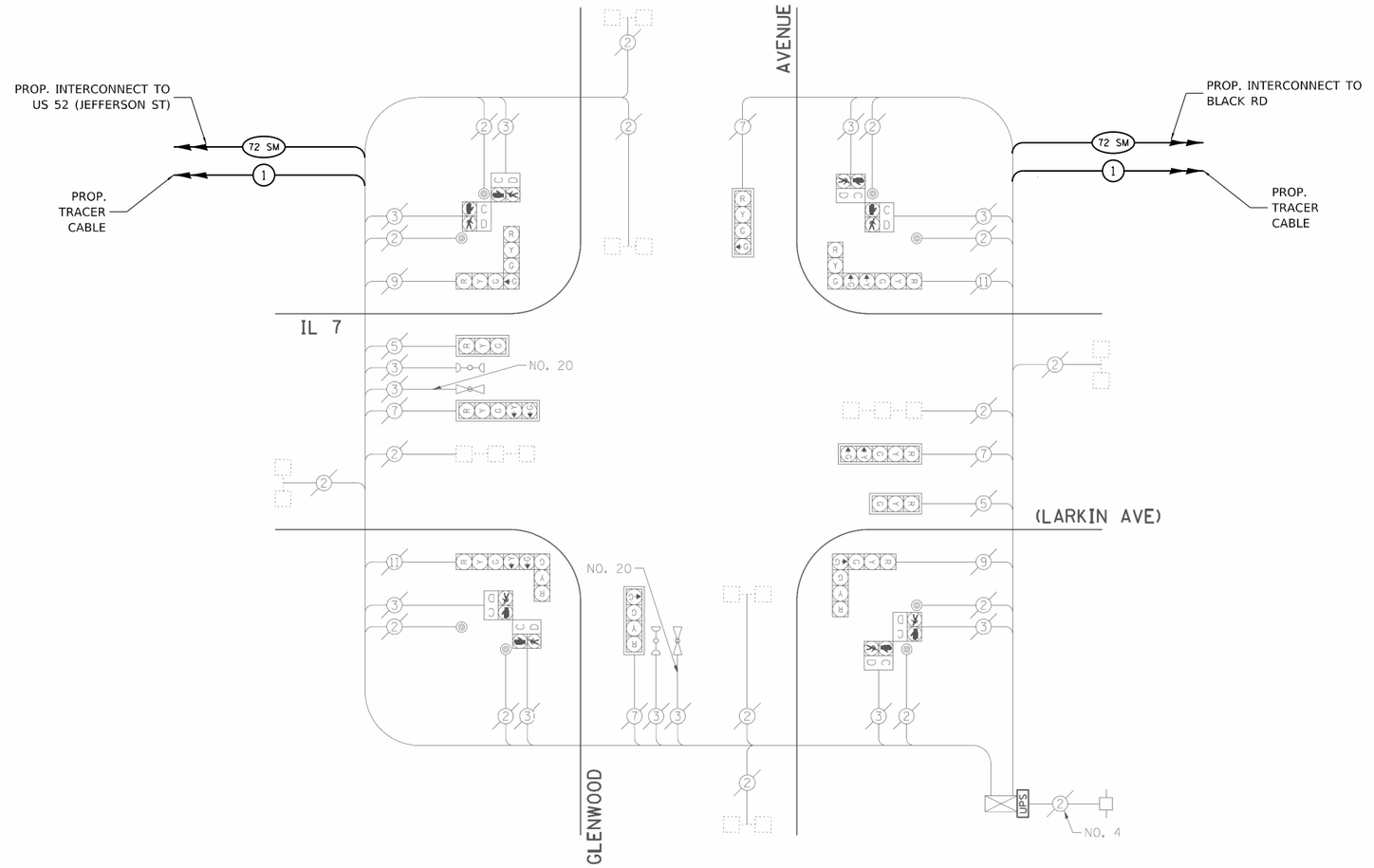


EXISTING PHASE DESIGNATION DIAGRAM

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT	← →	↓	↑



CABLE PLAN

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE L.E.D.	OPERATION	
SIGNAL (RED)	14	135	17	0.50	119.0
SIGNAL (YELLOW)	14	135	25	0.25	87.5
SIGNAL (GREEN)	14	135	15	0.25	52.5
ARROW	12	135	12	0.10	14.4
PED. SIGNAL	8	90	25	1.00	200.0
CONTROLLER	1	-	100	1.00	100.0
LUMINAIRE	-	-	250	0.50	-
L.E.D. ST. NAME SIGN	-	-	64	0.50	-
VIDEO SYSTEM	-	-	150	1.00	-
BATTERY BACKUP	1	-	25	1.00	25.0
ILLUMINATED SIGN	-	-	25	0.05	-
				TOTAL =	598.4

ENERGY COSTS - BILLED TO: IL DEPT. OF TRANSPORTATION
(ADDRESS) 201 W. CENTER COURT
(ADDRESS) SCHAUMBURG, IL 60196-1096
ENERGY SUPPLY - CONTACT: TIM COSLET
PHONE: 815-724-5010
COMPANY: COMED - JOLIET

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
SPLICE FIBER IN CABINET	EACH	12

LOCATION NO. 33
TS 22523
FORMER ECON 125
JOLIET CTMS

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 7 (LARKIN AVENUE) AND GLENWOOD AVENUE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	80
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: C:\Shared\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-Int-CABLE-ECON 125.dgn

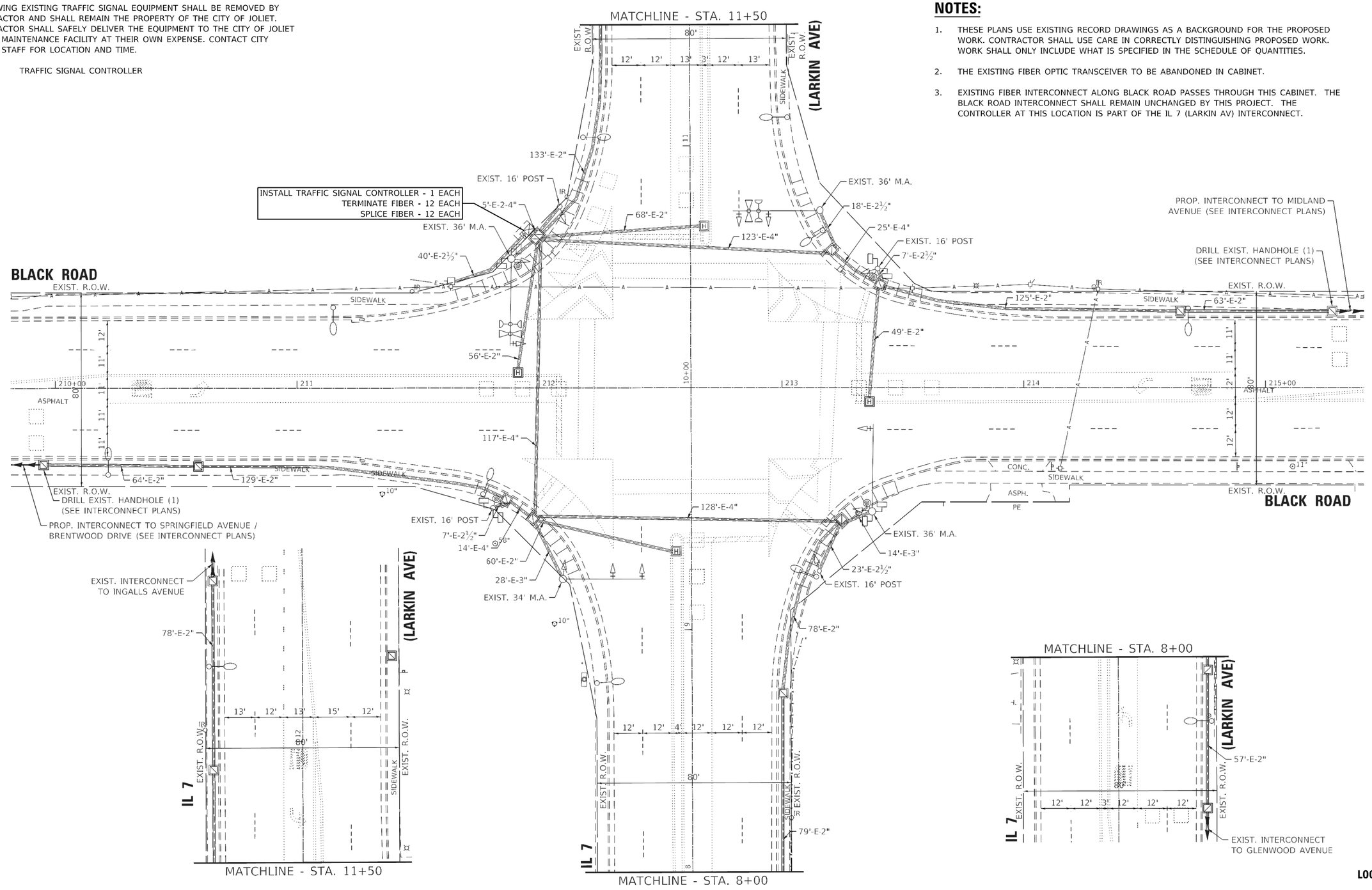
REMOVAL AND RELOCATION NOTES:

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

1 EACH TRAFFIC SIGNAL CONTROLLER

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.
2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.
3. EXISTING FIBER INTERCONNECT ALONG BLACK ROAD PASSES THROUGH THIS CABINET. THE BLACK ROAD INTERCONNECT SHALL REMAIN UNCHANGED BY THIS PROJECT. THE CONTROLLER AT THIS LOCATION IS PART OF THE IL 7 (LARKIN AV) INTERCONNECT.



LOCATION NO. 34
TS 22524
FORMER ECON 125
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\Int\ITERIS INC\Systems - Midwest - Active Projects\1612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-phI-TS MOD-ECON 125.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

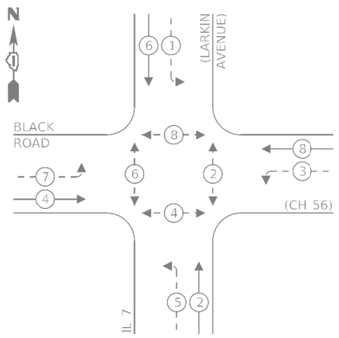
CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
IL ROUTE 7 (LARKIN AVENUE) AND BLACK ROAD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	81
		CONTRACT NO. XXXXX		
		ILLINOIS	FED. AID PROJECT	

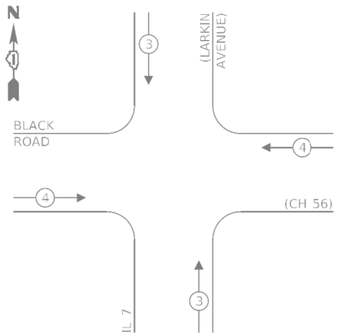
EXISTING CONTROLLER SEQUENCE



LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE
- OL OVERLAP

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



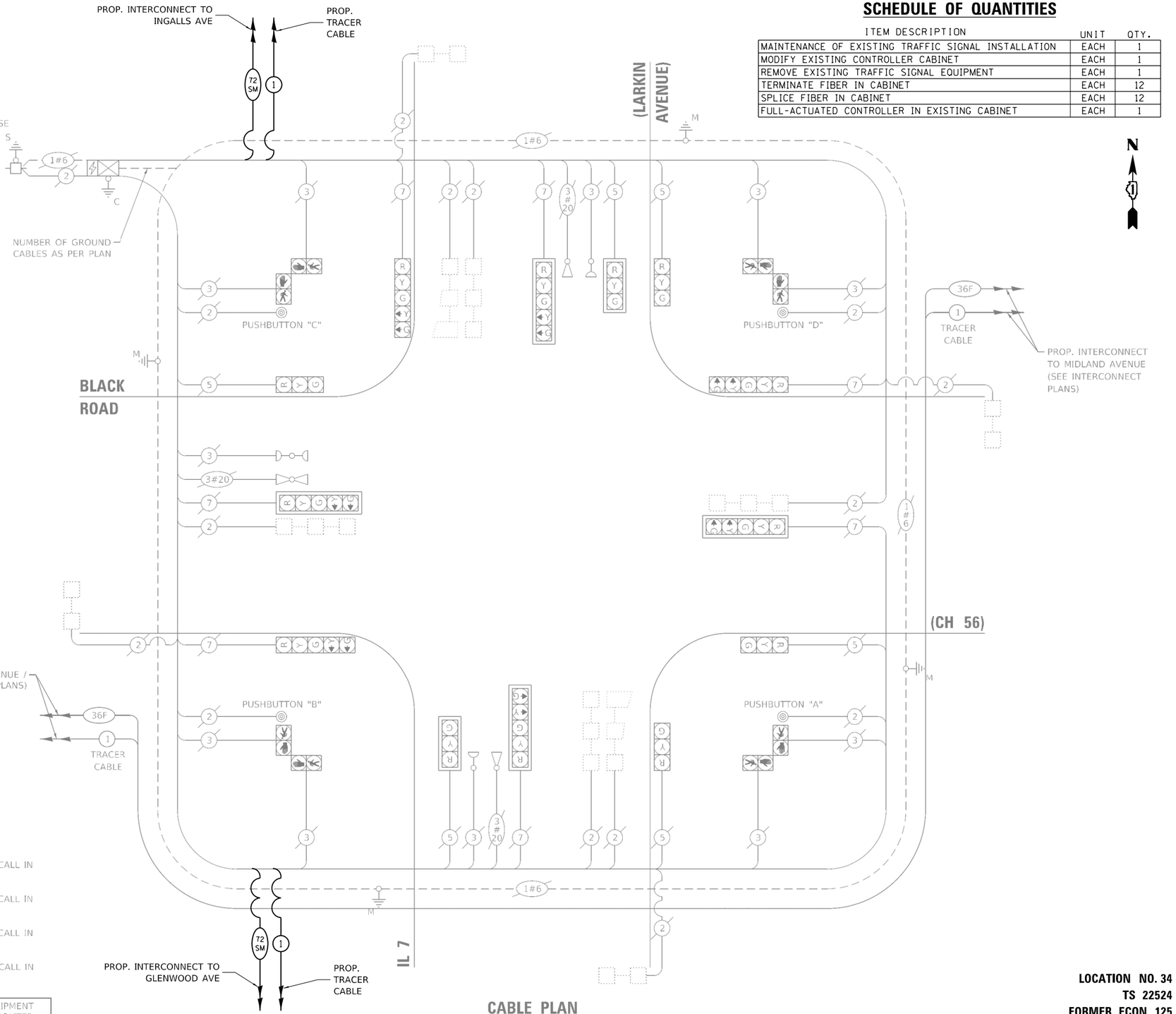
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	13	11	50	71.5
(YELLOW)	13	20	5	13
(GREEN)	13	12	45	70.2
PERMISSIVE ARROW	14	10	10	14
PED. SIGNAL	8	20	100	160
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	250	50	-
			TOTAL =	453.7

ENERGY COSTS TO:

CITY OF JOLIET
150 W. JEFFERSON STREET
JOLIET, IL 60432-1148

ENERGY SUPPLY: CONTACT: TIM COSLET
PHONE: (815) 724-5010
COMPANY: COM-ED
ACCOUNT NUMBER: -



NOTE:
PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4.

PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6.

PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8.

PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE "ECONOLITE" TO MATCH THE EXISTING ADJACENT SYSTEM.

CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
SPLICE FIBER IN CABINET	EACH	12
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1

LOCATION NO. 34
TS 22524
FORMER ECON 125
JOLIET CTMS

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 7 (LARKIN AVENUE) AND BLACK ROAD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	82
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: c:\Sharepoint\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase AI\CADD\Sheet Files\Joliet ATMS-int-CABLE-ECON 125.dgn

REMOVAL AND RELOCATION NOTES:

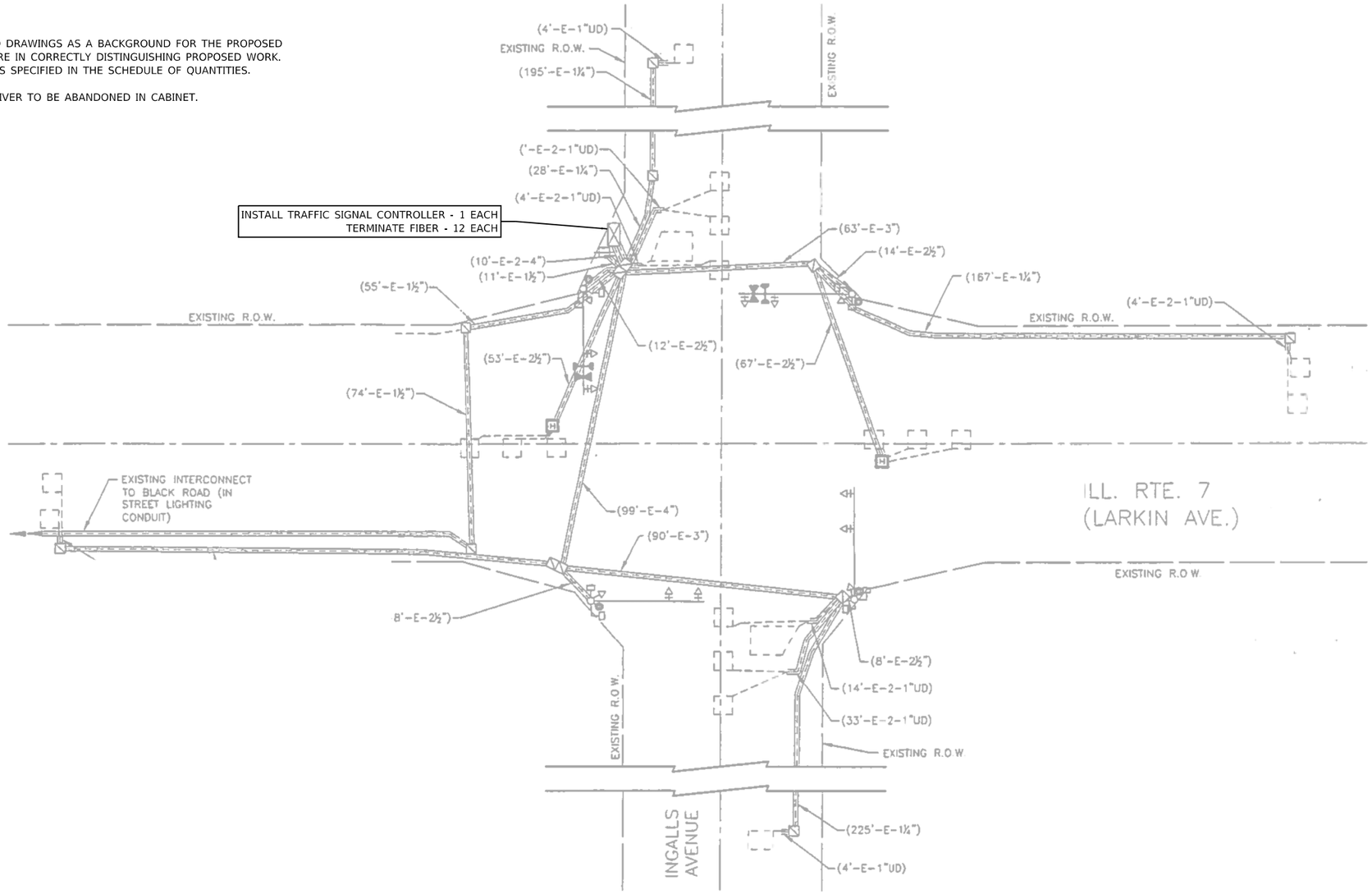
THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE CITY OF JOLIET. THE CONTRACTOR SHALL SAFELY DELIVER THE EQUIPMENT TO THE CITY OF JOLIET ELECTRICAL MAINTENANCE FACILITY AT THEIR OWN EXPENSE. CONTACT CITY ELECTRICAL STAFF FOR LOCATION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

1 EACH TRAFFIC SIGNAL CONTROLLER

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 35
TS 22525
FORMER ECON 125
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\Intl\TERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-int-TS MOD-ECON 125.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -

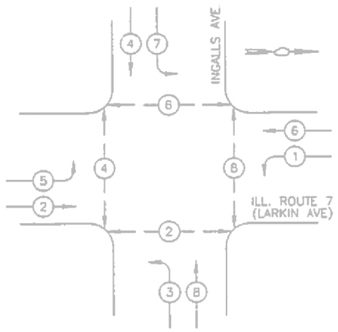
CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
IL ROUTE 7 (LARKIN AVENUE) AND INGALLS AVENUE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	83
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

CONTROLLER SEQUENCE

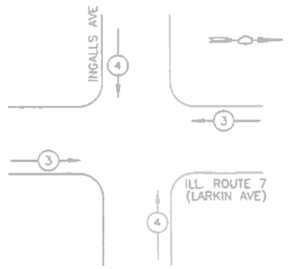


LEGEND

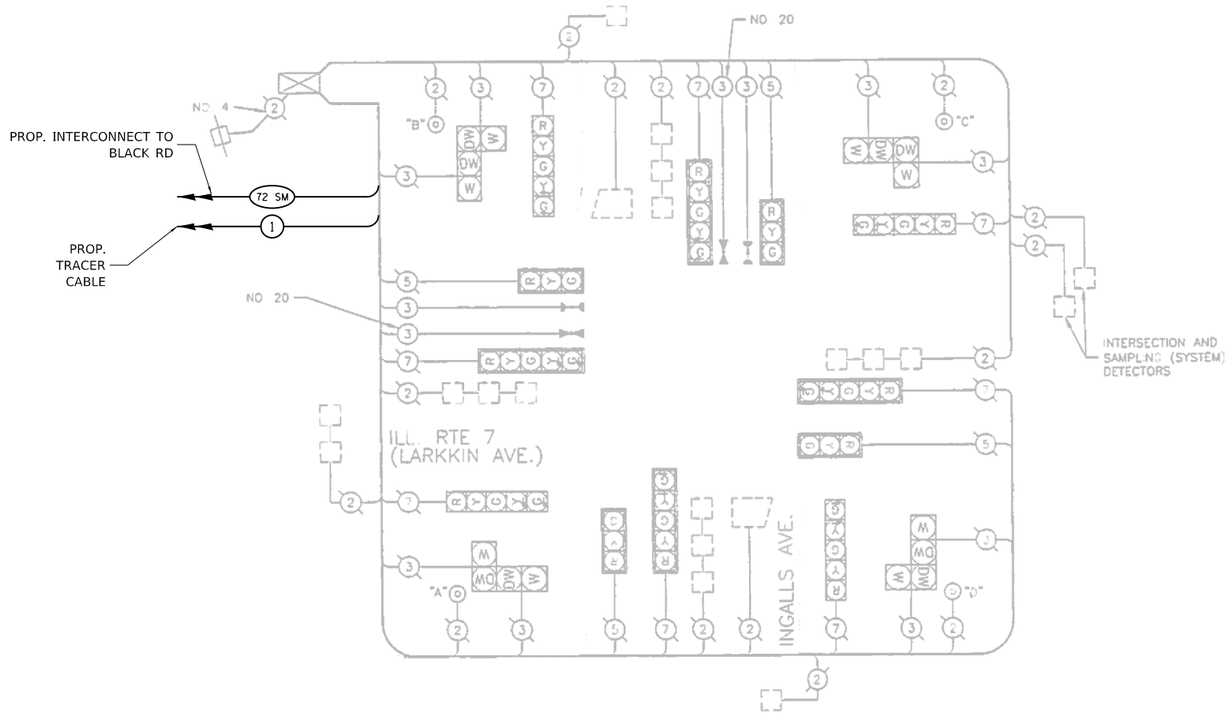
- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OL — OVERLAP
- PEDESTRIAN MOVEMENT
- * — NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↑↓



CABLE PLAN
NOT TO SCALE

NOTE

PUSHBUTTON A SHALL PLACE A CALL TO PHASES 2 & 4
PUSHBUTTON B SHALL PLACE A CALL TO PHASES 4 & 6
PUSHBUTTON C SHALL PLACE A CALL TO PHASES 6 & 8
PUSHBUTTON D SHALL PLACE A CALL TO PHASES 8 & 2

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND.	WATTAGE LED	x% OPERATION	
SIGNAL (RED)	12	135	17	0.50	810
(YELLOW)	12	135	25	0.25	405
(GREEN)	12	135	15	0.25	405
ARROW	16	135	12	0.10	216
PED. SIGNAL	8	90	25	1.00	720
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
				TOTAL =	2656

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: _____

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
FULL-ACTUATED CONTROLLER IN EXISTING CABINET	EACH	1

LOCATION NO. 35
TS 22525
FORMER ECON 125
JOLIET CTMS

MODEL: Default
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iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 7 (LARKIN AVENUE) AND INGALLS AVENUE

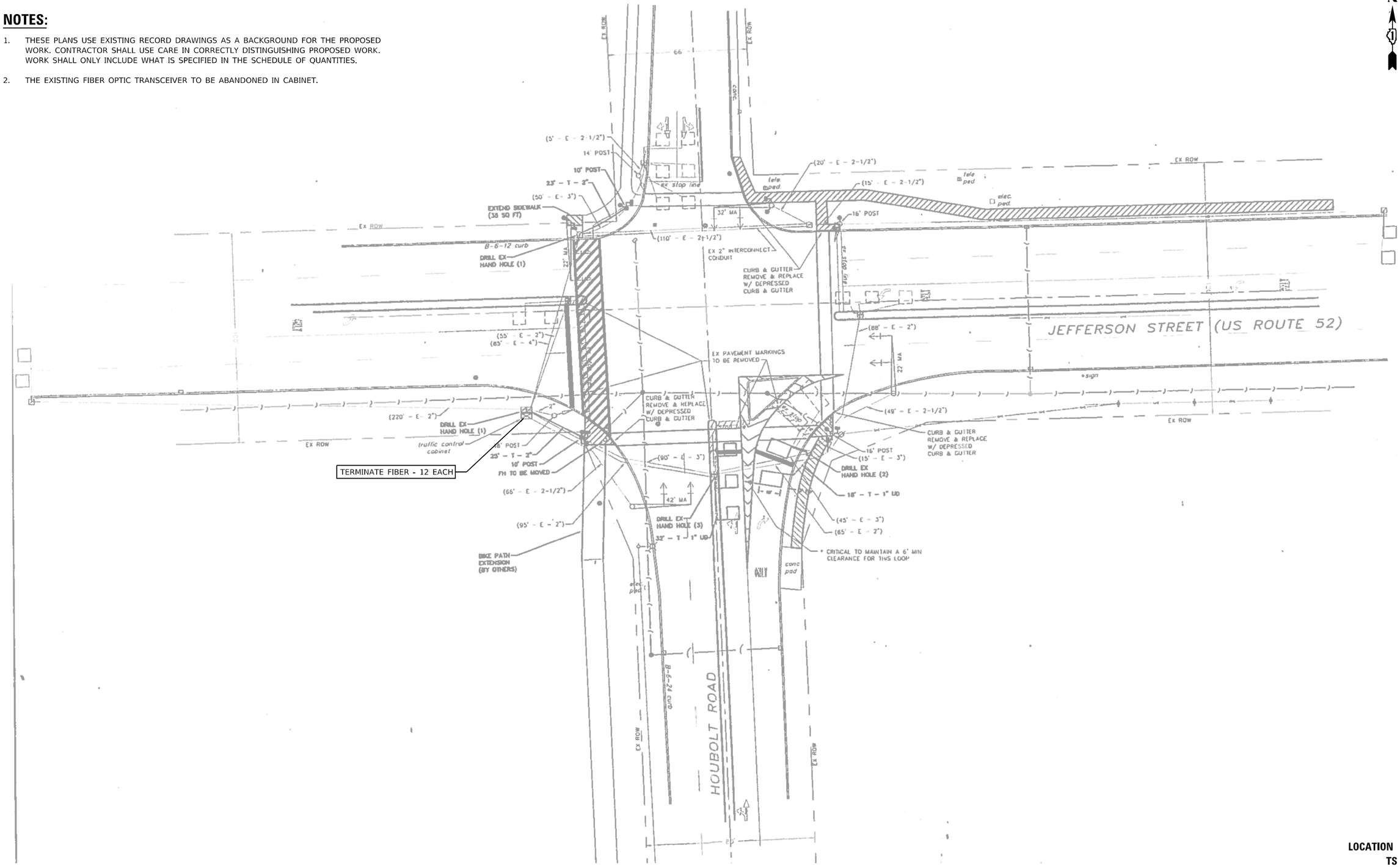
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	84
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 36
TS 22509
FORMER ECON 126
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Sharepoint\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-sht-TS MOD-ECON 126.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
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PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

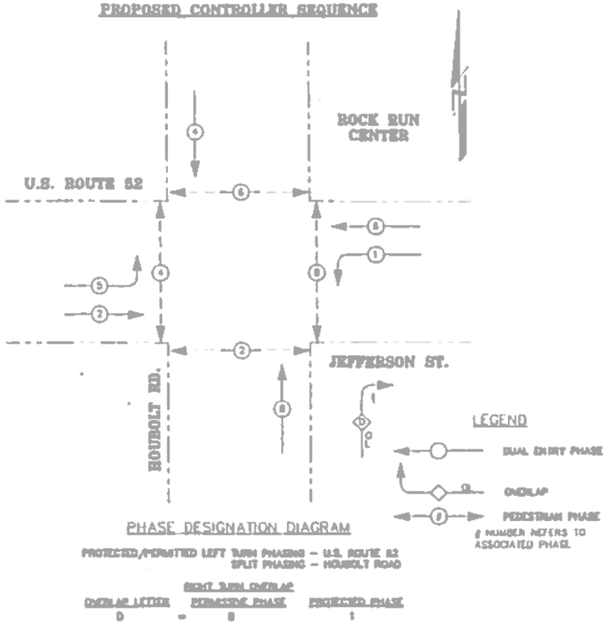
CITY OF JOLIET

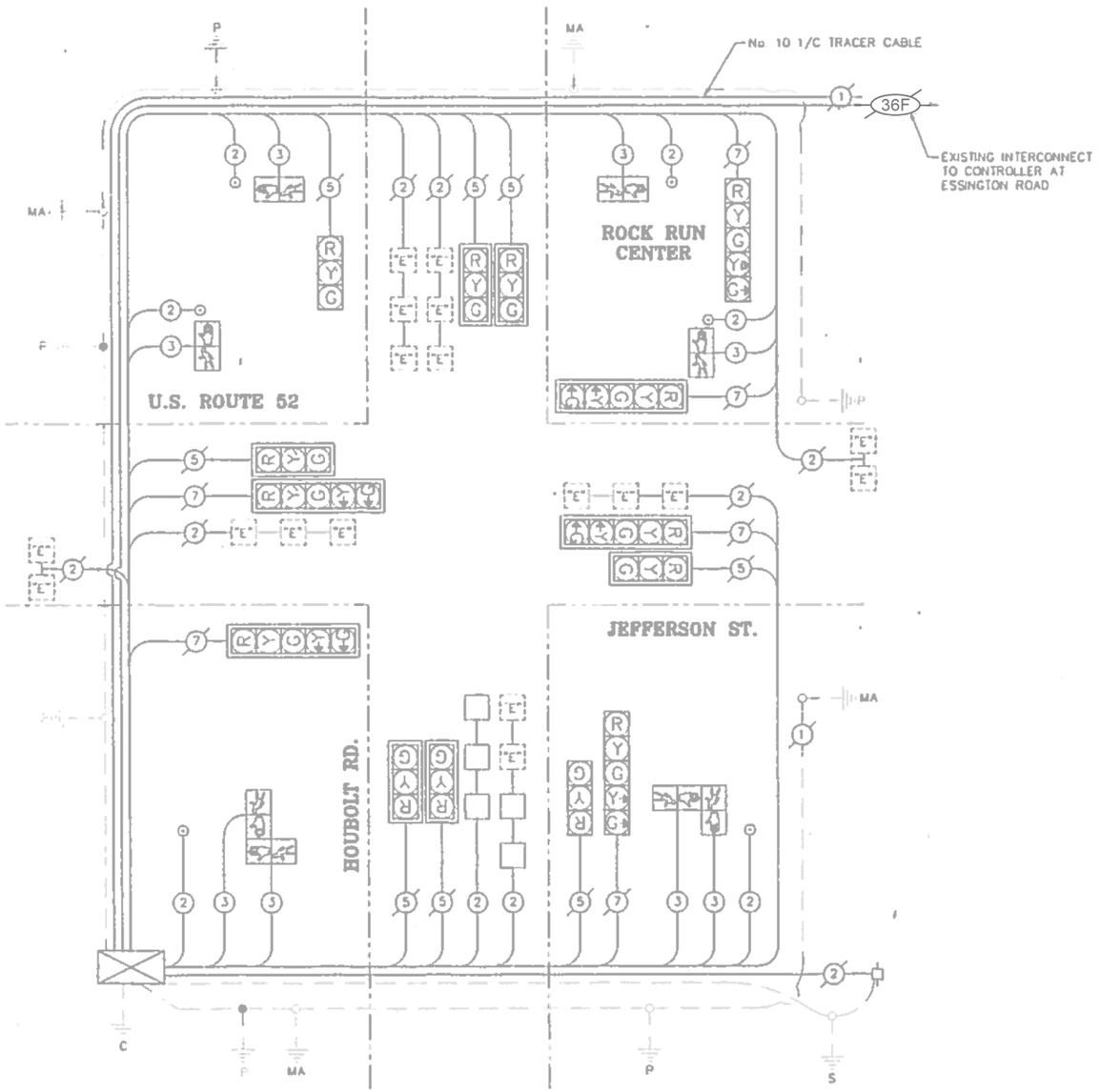
TRAFFIC SIGNAL MODIFICATION PLAN
US ROUTE 52 (JEFFERSON STREET) AND HOUBOLT ROAD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	85
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

PROPOSED CONTROLLER SEQUENCE





CABLE PLAN

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	8	11	88
	4-SECTION	-	14	-
	5-SECTION	5	13	65
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				448
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
TOTAL SERVICE WIRE SIZING				1053

ENERGY COSTS - BILLED TO:
CITY OF JOLIET
150 W JEFFERSON STREET
JOLIET, IL 60432

ENERGY SUPPLY:
CONTACT: _____
PHONE: _____
COMPANY: COMED
ACCOUNT NUMBER: _____
METER NUMBER: _____

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12

LOCATION NO. 36
TS 22509
FORMER ECON 126
JOLIET CTMS

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

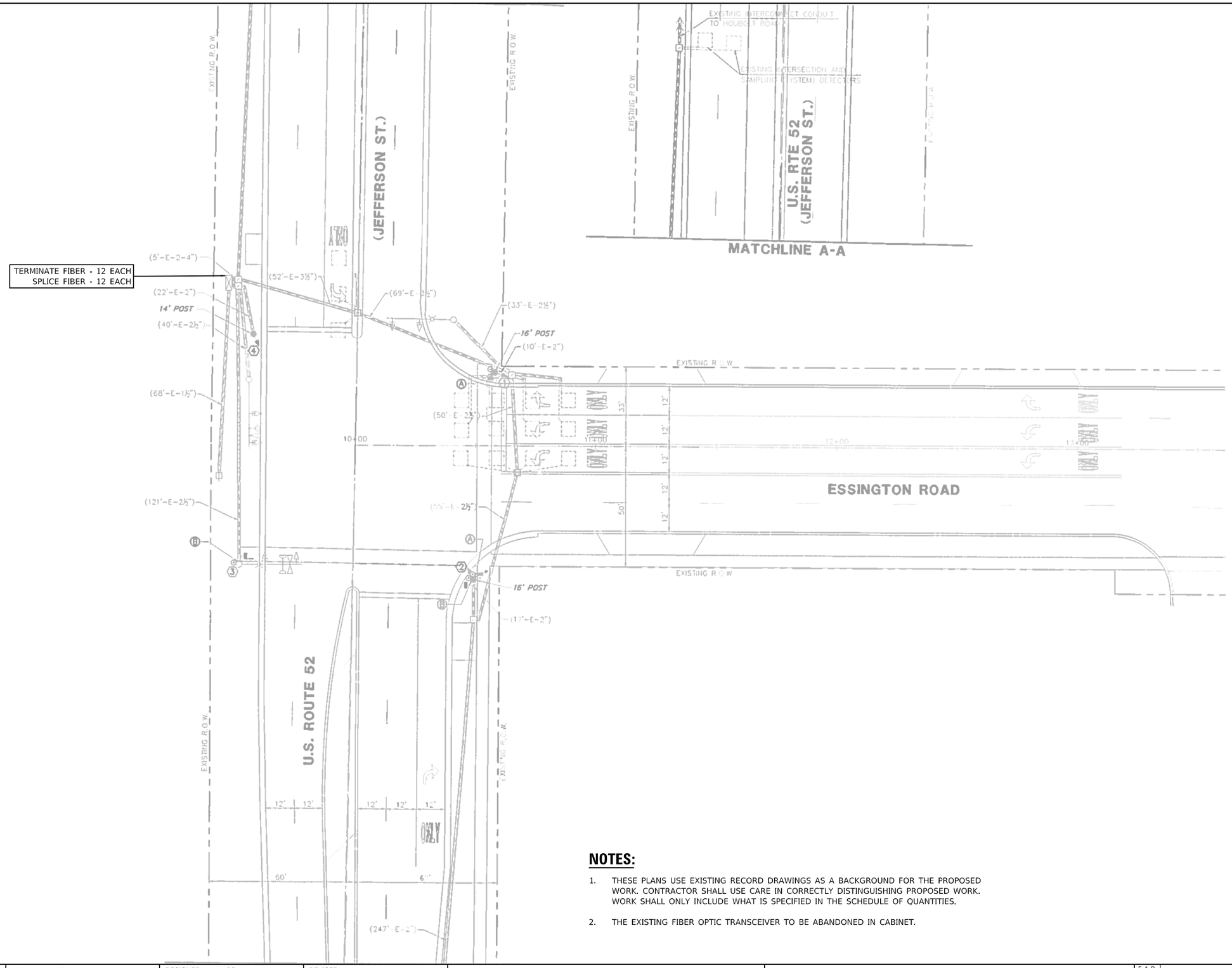
CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
US ROUTE 52 (JEFFERSON STREET) AND HOUBOLT ROAD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	86
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
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NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.
2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.

LOCATION NO. 37
TS 22510
FORMER ECON 126
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\Int\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-ph1-TS MOD-ECON 126.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

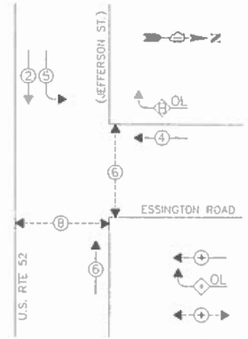
CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
US ROUTE 52 (JEFFERSON STREET) AND ESSINGTON ROAD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	87
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

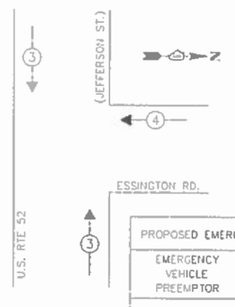
CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

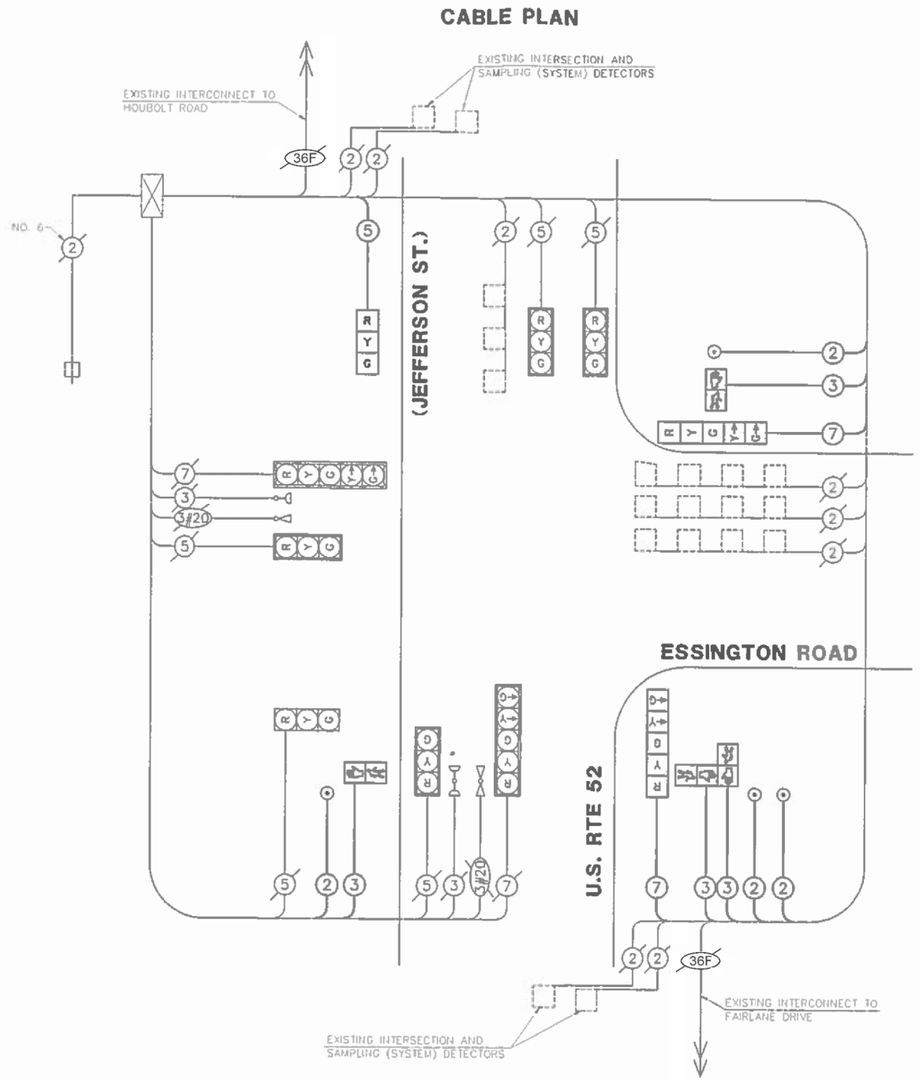
OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTOR		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	↓ ↑	←

CABLE PLAN



I.D.O.T.
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE INCAND.	WATTAGE LED	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	10	135		0.50	675.0
(YELLOW)	10	135		0.25	337.5
(GREEN)	10	135		0.25	337.5
ARROW	8	135		0.10	108.0
PED. SIGNAL	4	90		1.00	360.0
CONTROLLER	1	100		1.00	100.0
ENERGY COSTS TO:				TOTAL =	1918.0

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY/DISTRICT 1
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196-1096
ENERGY SUPPLY: CONTACT: BETTY BRULC
PHONE: (815) 724-5052
COMPANY: COMED

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
Ssplice FIBER IN CABINET	EACH	12

LOCATION NO. 37
TS 22510
FORMER ECON 126
JOLIET CTMS

MODEL: Default
FILE NAME: c:\Sharepoint\ITERIS Inc\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-int-CABLE-ECON 126.dgn

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	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
US ROUTE 52 (JEFFERSON STREET) AND ESSINGTON ROAD

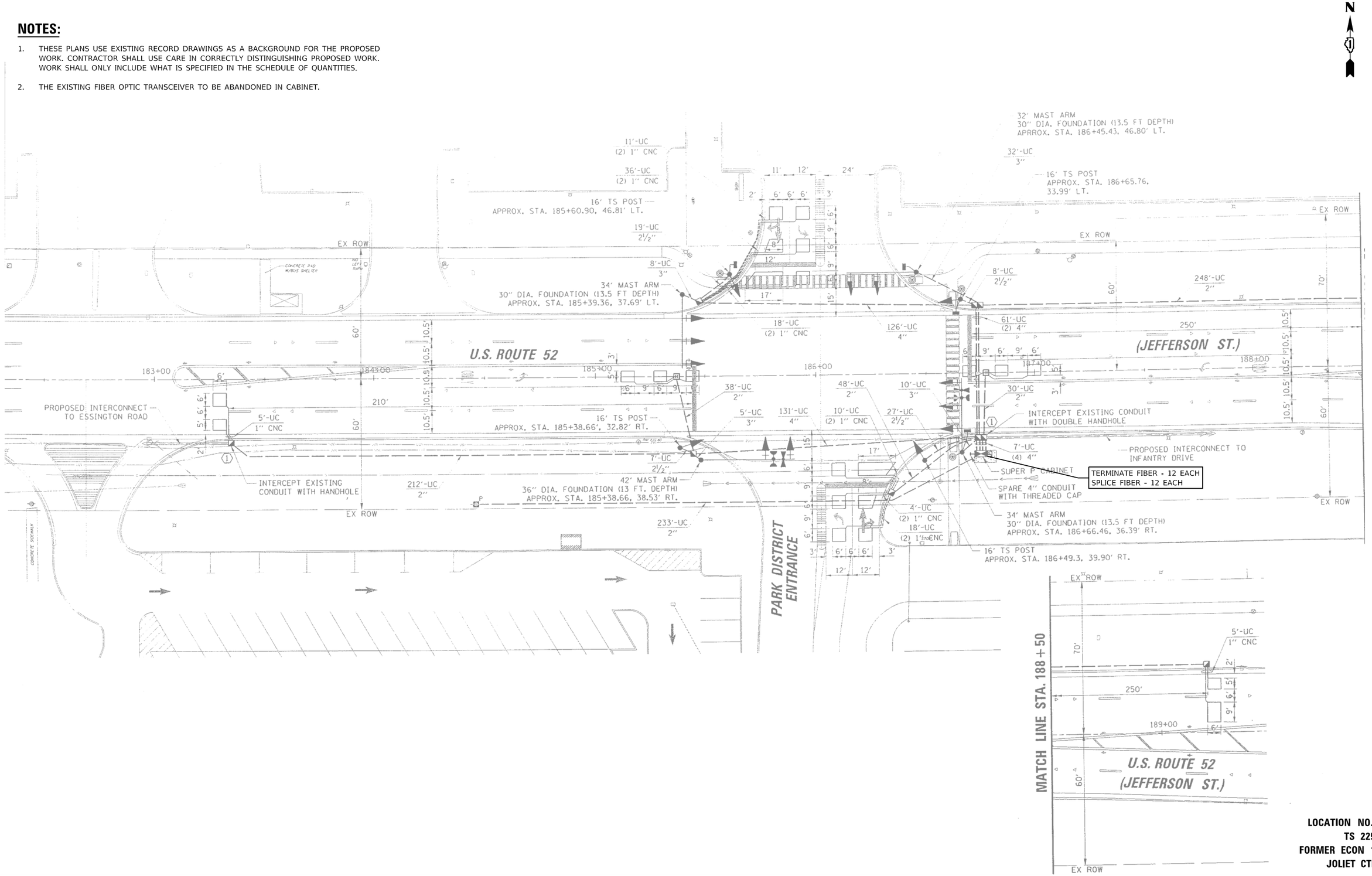
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	88
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 38
TS 22564
FORMER ECON 126
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Sharepoint\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase 4\CADD\Sheet Files\Joliet ATMS-phi-TS MOD-ECON 126.dgn

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USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

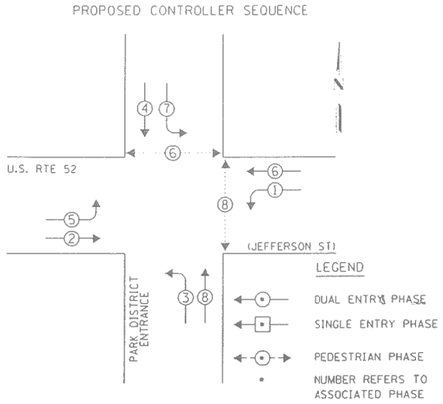
CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
US ROUTE 52 (JEFFERSON STREET) AND INWOOD ATHLETIC CENTER

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

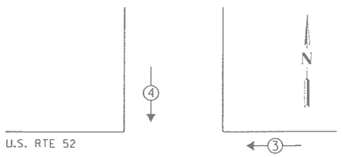
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	89
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

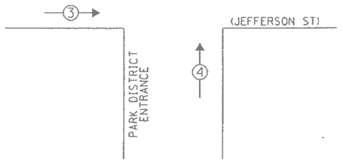
PROPOSED CONTROLLER SEQUENCE



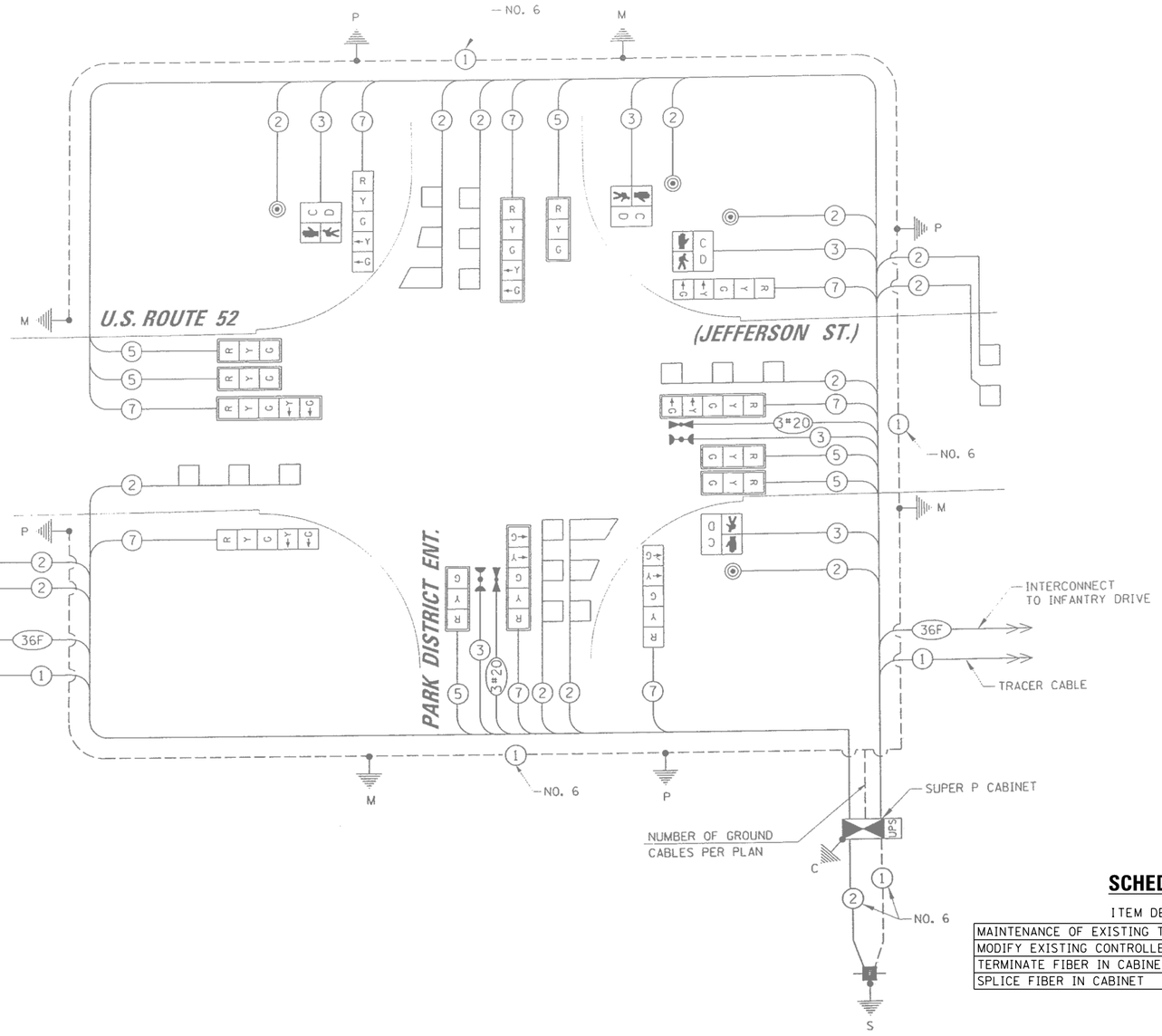
PHASE DESIGNATION DIAGRAM

EMERGENCY VEHICLE PREEMPTION SEQUENCE





PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↑ ↓



I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. OF LAMPS	WATTAGE X INCAND.	WATTAGE LED	X % OPERATION	
SIGNAL (RED)	14		17	0.50	119.0
(YELLOW)	14		25	0.25	87.5
(GREEN)	14		15	0.25	52.5
ARROW	16		12	0.10	19.2
PED. SIGNAL	4		25	1.00	100.0
CONTROLLER	1		100	1.00	100.0
ILLUMINATED SIGN	-	25		0.05	-
VIDEO SYSTEM					
LUMINAIRE					
BATTERY BACKUP	1	25		1.00	25.0
FLASHER				0.50	
ENERGY COSTS TO:				TOTAL =	503.2

CITY OF JOLIET

150 W. JEFFERSON STREET
JOLIET, ILLINOIS

ENERGY SUPPLY: CONTACT: NEW BUSINESS
PHONE: 1 (866) 639-3532
COMPANY: COMED

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
SPLICE FIBER IN CABINET	EACH	12

LOCATION NO. 38
TS 22564
FORMER ECON 126
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\on\ITERIS INC\Systems - Midwest - Active Projects\1612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-pri-CABLE-ECON 126.dgn

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	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
US ROUTE 52 (JEFFERSON STREET) AND INWOOD ATHLETIC CENTER

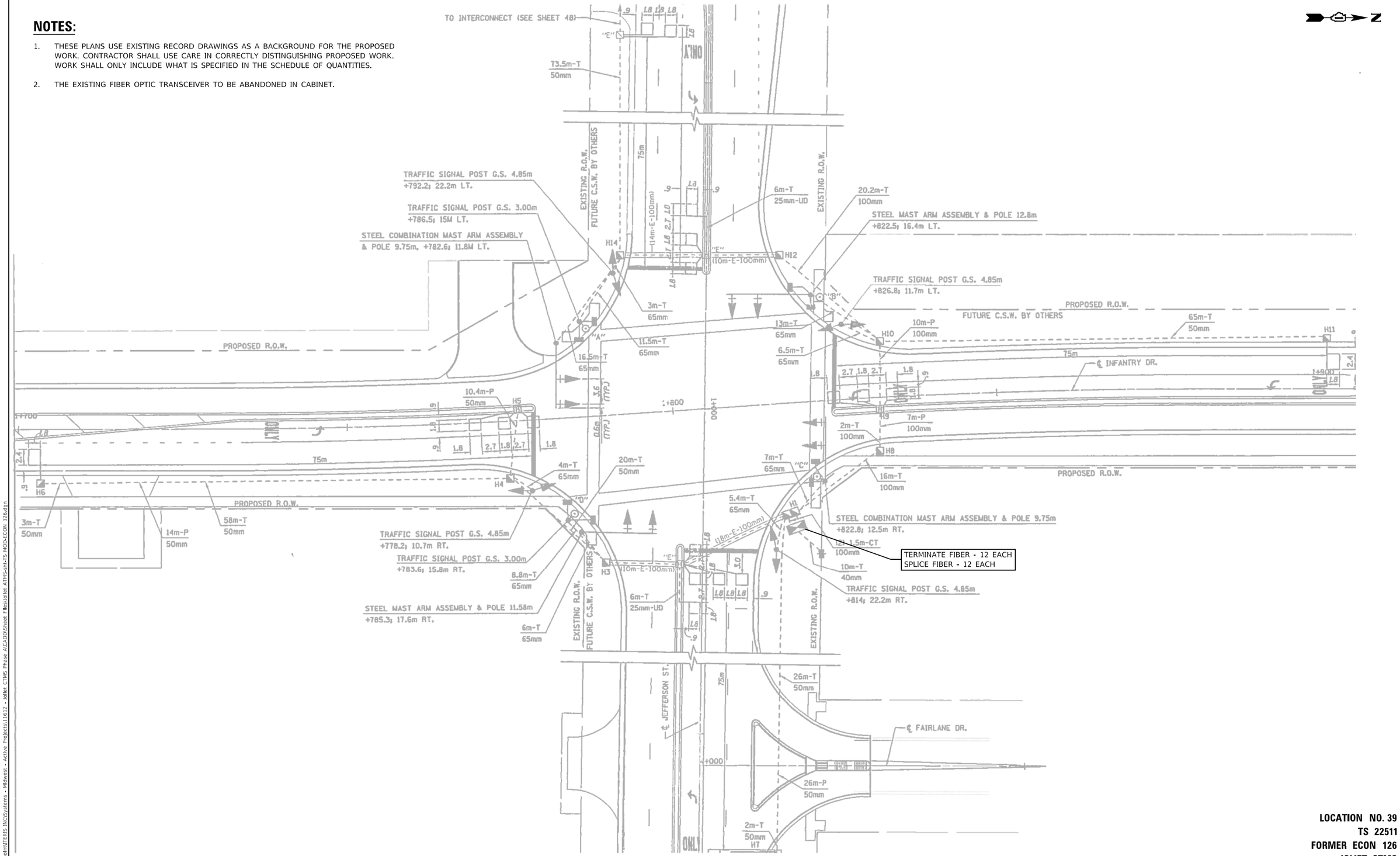
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	90
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 39
TS 22511
FORMER ECON 126
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Sharepoint\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-int-TS MOD-ECON 126.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

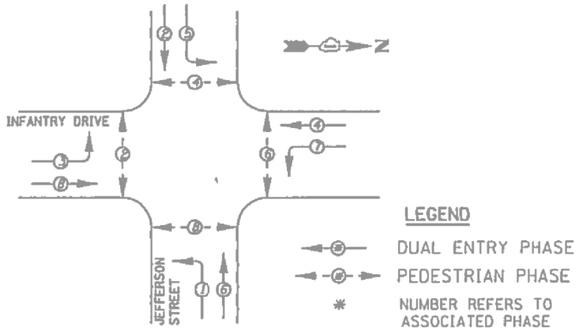
TRAFFIC SIGNAL MODIFICATION PLAN
US ROUTE 52 (JEFFERSON STREET) AND INFANTRY DRIVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	91
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

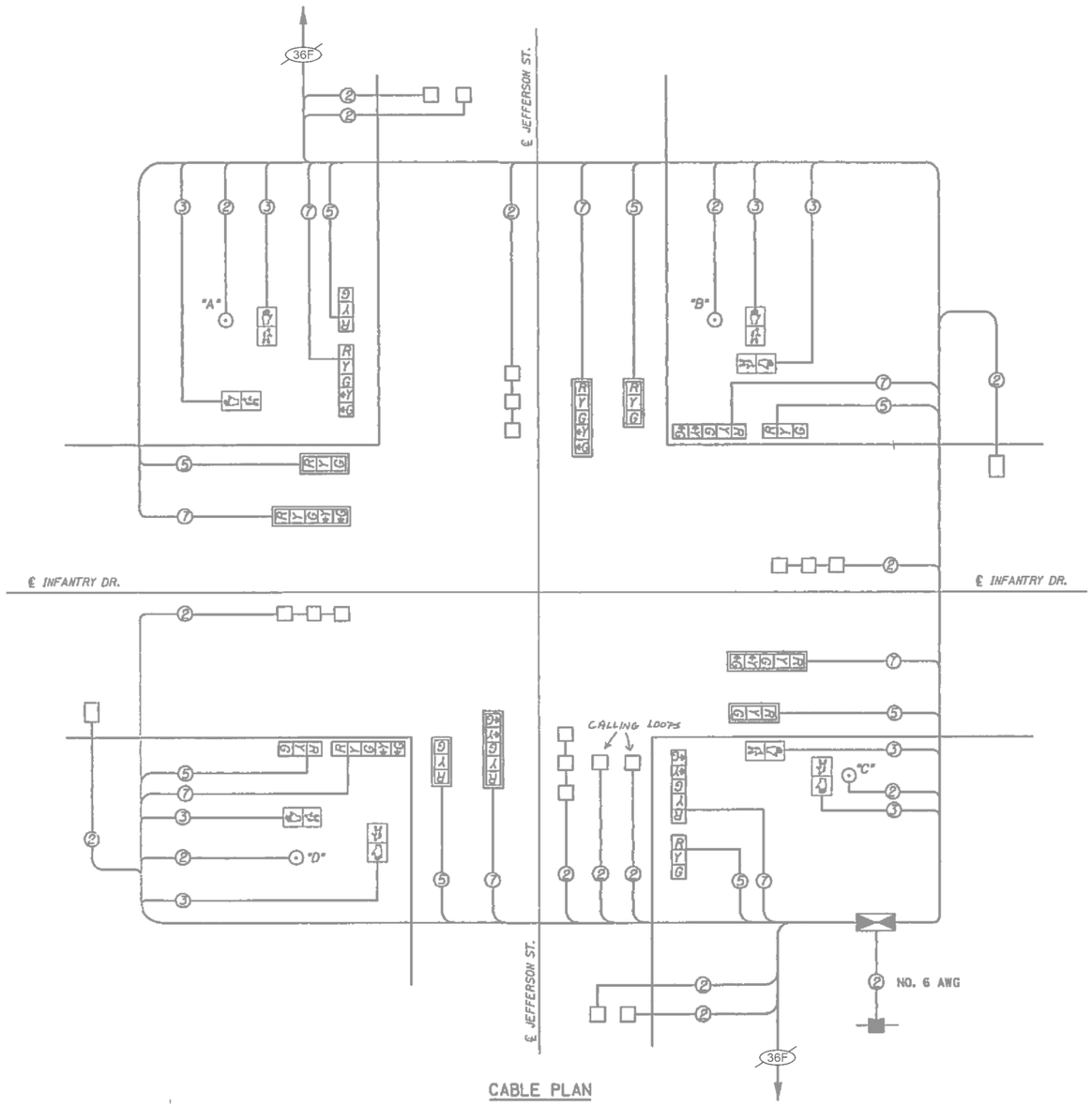
CONTROLLER SEQUENCE

REFERRING TO STANDARD 2393, THE VEHICULAR AND PEDESTRIAN PHASES USED ARE DESIGNATED BELOW.



PHASE DESIGNATION DIAGRAM

DUAL ENTRY - ALL LEGS



CABLE PLAN

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	3-SECTION	8	11	88
	4-SECTION	-	14	-
	5-SECTION	8	13	104
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION RADAR OR VIDEO		-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
TOTAL UPS SIZING				487
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		-	120	-
LUMINAIRE		-	240	-
TOTAL SERVICE WIRE SIZING				1092

ENERGY COSTS - BILLED TO:

CITY OF JOLIET
150 W JEFFERSON STREET
JOLIET, IL 60432

ENERGY SUPPLY:
CONTACT: _____
PHONE: _____
COMPANY: COMED
ACCOUNT NUMBER: _____
METER NUMBER: _____

PEDESTRIAN PUSH BUTTONS NOTES

PUSH BUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4

PUSH BUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6

PUSH BUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8

PUSH BUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
Ssplice FIBER IN CABINET	EACH	12

LOCATION NO. 39
TS 22511
FORMER ECON 126
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Sharepoint\ITERIS INC\Systems - Midwest - Active Projects\1612 - Joliet CTMS Phase 4\CADD\Sheet Files\Joliet ATMS-Int-CABLE-ECON 126.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
US ROUTE 52 (JEFFERSON STREET) AND INFANTRY DRIVE

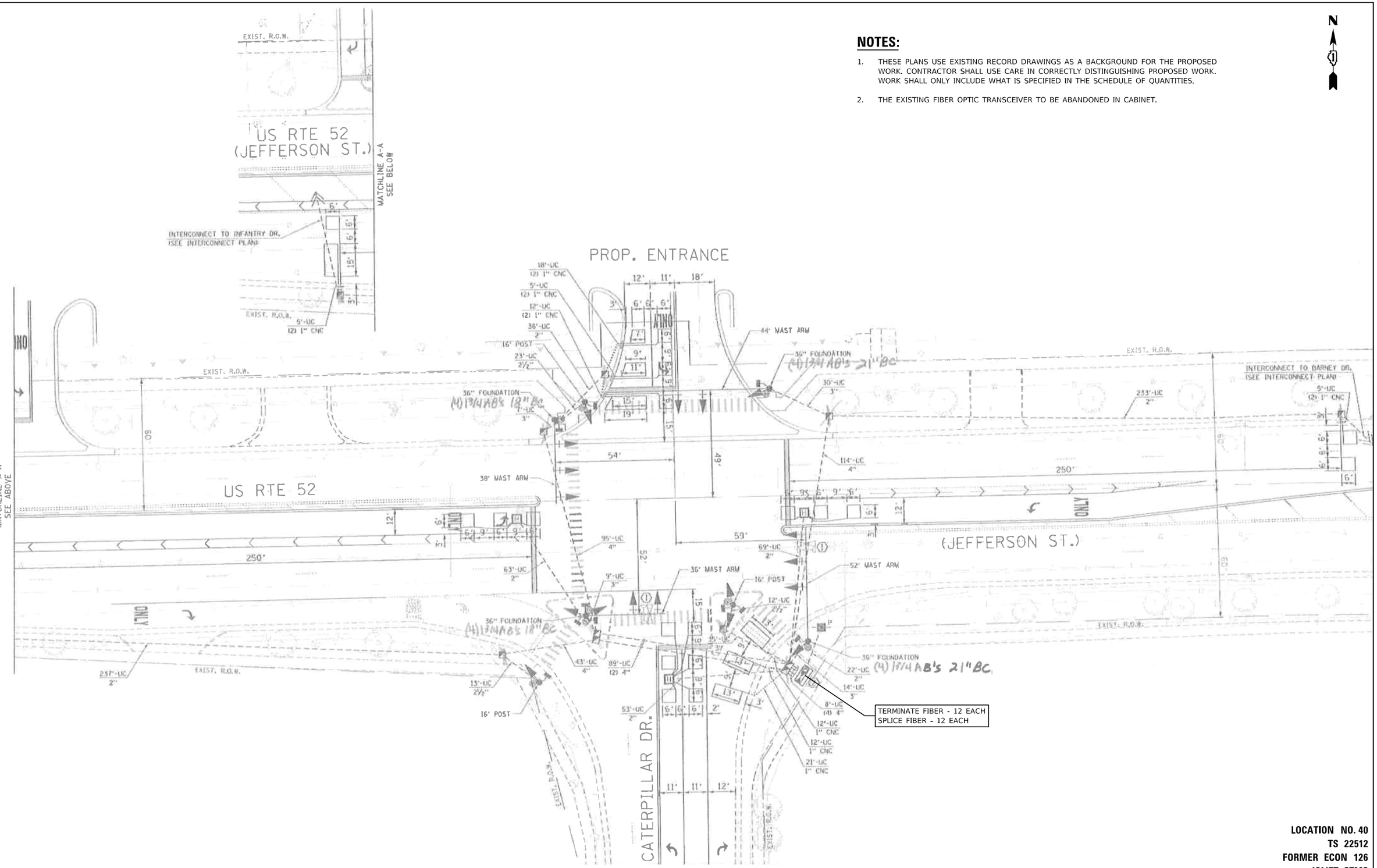
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	92
		CONTRACT NO. XXXXX		
		ILLINOIS	FED. AID PROJECT	

NOTES:

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2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.

N



LOCATION NO. 40
TS 22512
FORMER ECON 126
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\Plans\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-int-TS MOD-ECON 126.dgn

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

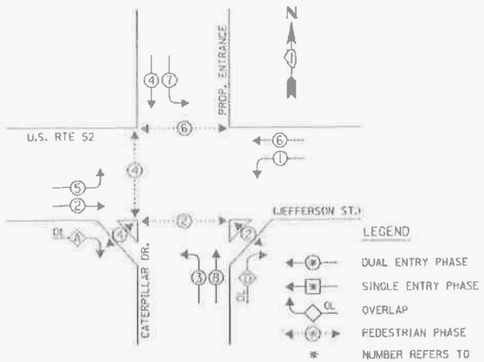
CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
US ROUTE 52 (JEFFERSON STREET) AND CATERPILLAR DRIVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	93
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

PROPOSED CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

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

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	← →	↓ ↑

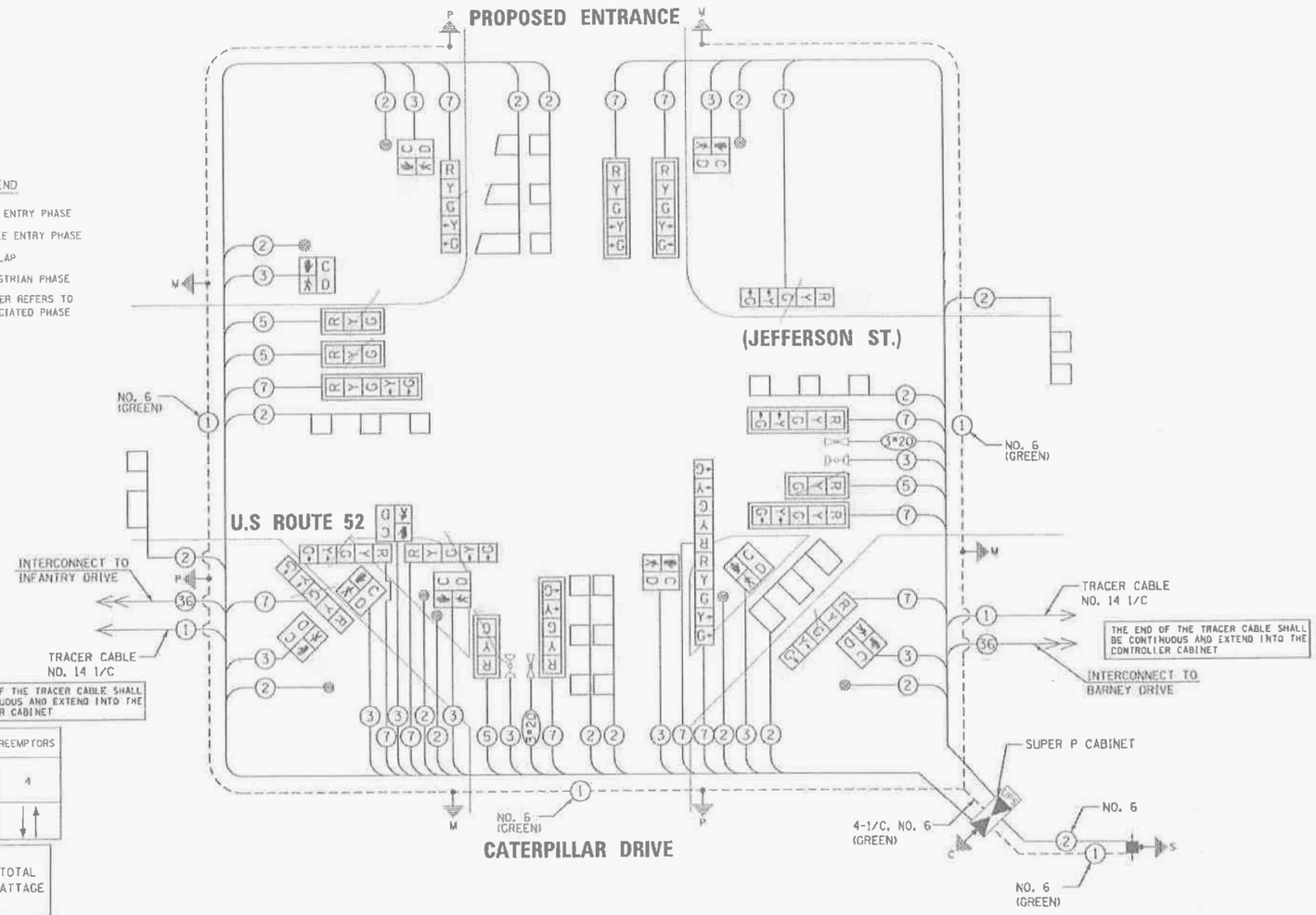
THE END OF THE TRACER CABLE SHALL BE CONTINUOUS AND EXTEND INTO THE CONTROLLER CABINET

I.D.O.T.
TRAFFIC SIGNAL INSTALLATION
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	WATTAGE x INCAND.	WATTAGE LED	x % OPERATION	TOTAL WATTAGE
SIGNAL (RED)	18		17	0.50	153.00
(YELLOW)	18		25	0.25	112.50
(GREEN)	18		15	0.25	67.50
ARROW	28		12	0.10	33.60
PED. SIGNAL	10		25	1.00	250.00
CONTROLLER	1		100	1.00	100.00
ILLUM. SIGN	-				
U.P.S.	1		25	1.00	25.00
ENERGY COSTS TO:				TOTAL =	741.60

CITY OF JOLIET
150 W. JEFFERSON STREET
JOLIET, ILLINOIS 60432
ENERGY SUPPLY: CONTACT: MARY PIPER
PHONE: (815) 724-5923
COMPANY: COMED

PROPOSED CABLE PLAN



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
SPLICE FIBER IN CABINET	EACH	12

LOCATION NO. 40
TS 22512
FORMER ECON 126
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\ns\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-jnt-CABLE-ECON 126.dgn

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USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
US ROUTE 52 (JEFFERSON STREET) AND CATERPILLAR DRIVE

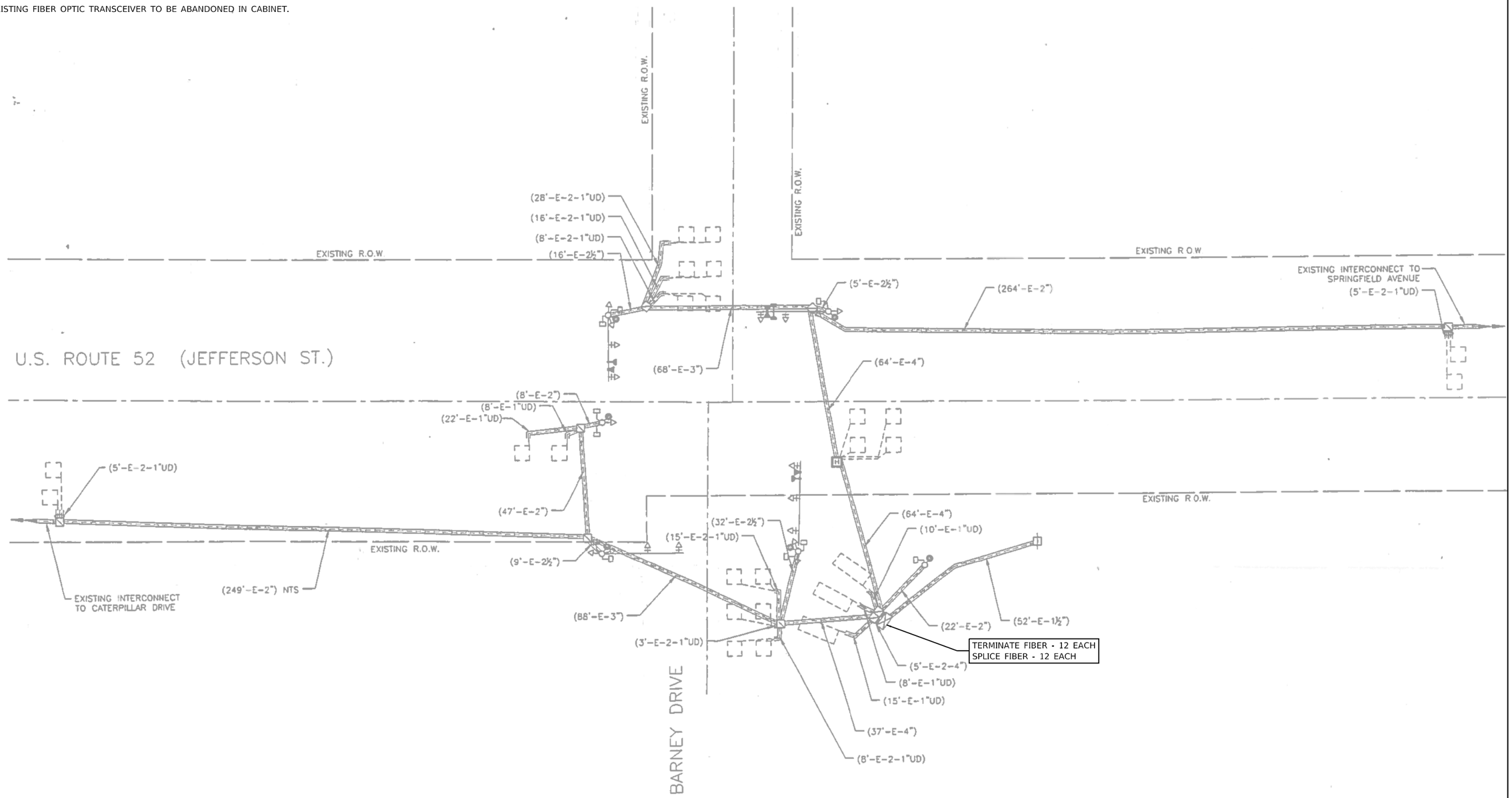
SCALE: | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	94
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 41
TS 22513
FORMER ECON 126
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\int\ITERIS INC\Systems - Midwest - Active Projects\1612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-phi-TS MOD-ECON 126.dgn

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	DRAWN - BF	REVISED -	
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PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

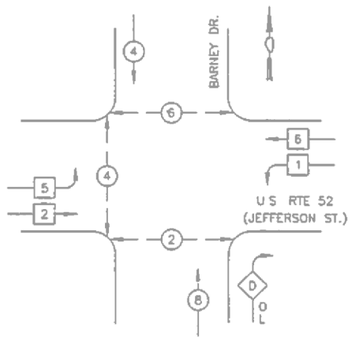
CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
US ROUTE 52 (JEFFERSON STREET) AND BARNEY DRIVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	95
		CONTRACT NO. XXXXX		
		ILLINOIS	FED. AID PROJECT	

CONTROLLER SEQUENCE



LEGEND

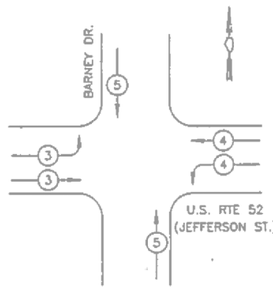
- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OL — OVERLAP
- PEDESTRIAN MOVEMENT
- * — NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

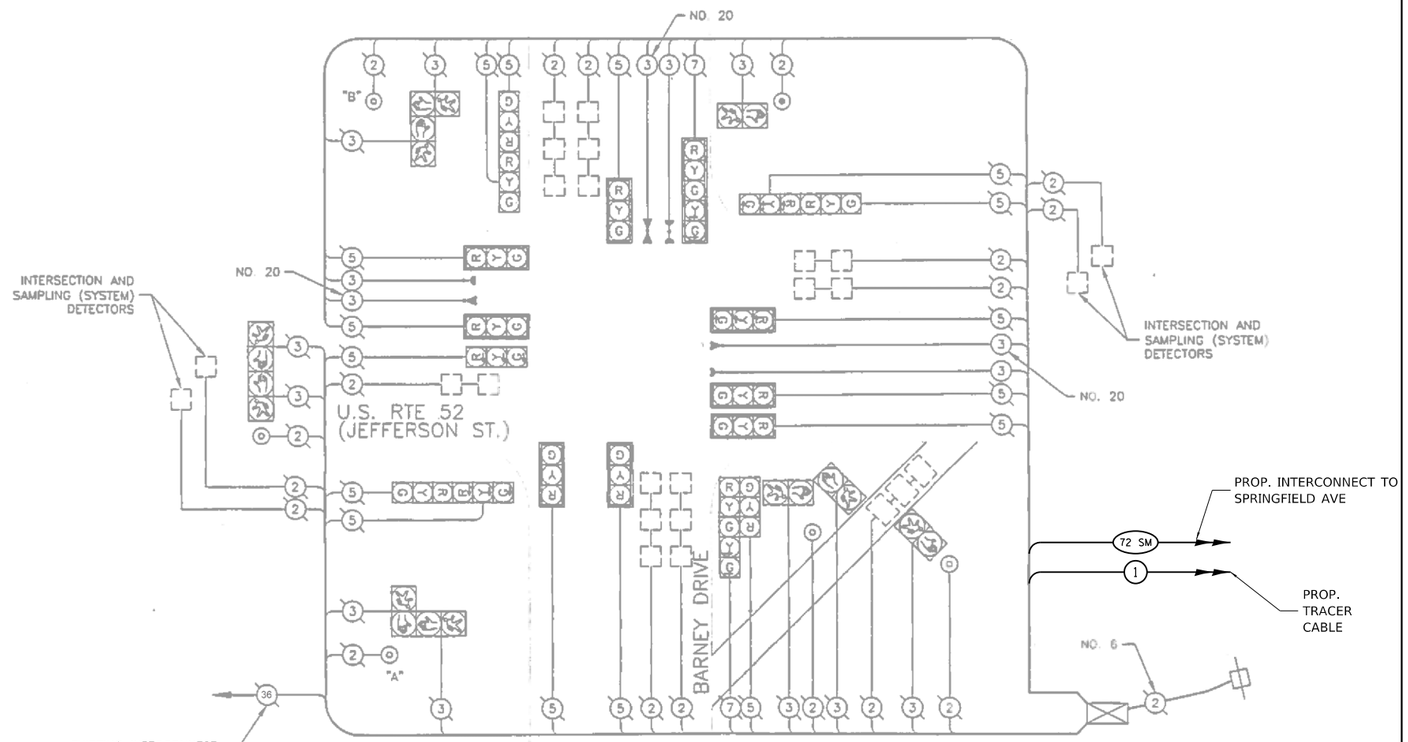
RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
D	=	8	+	1

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS			
EMERGENCY VEHICLE PREEMPTOR	3	4	5
MOVEMENT			



CABLE PLAN
NOT TO SCALE

NOTE:

PUSHBUTTON A SHALL PLACE A CALL TO PHASES 2 & 4
PUSHBUTTON B SHALL PLACE A CALL TO PHASES 4 & 6

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS	WATTAGE INCAND	WATTAGE LED	% OPERATION	
SIGNAL (RED)	14	135	17	0.50	945
(YELLOW)	14	135	25	0.25	473
(GREEN)	14	135	15	0.25	473
ARROW	16	135	12	0.10	216
PED. SIGNAL	10	90	25	1.00	900
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
				TOTAL =	3107

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: _____

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
SPLICE FIBER IN CABINET	EACH	12

LOCATION NO. 41
TS 22513
FORMER ECON 126
JOLIET CTMS

MODEL: Default
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iteris

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	DRAWN - BF	REVISED -	
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PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
US ROUTE 52 (JEFFERSON STREET) AND BARNEY DRIVE

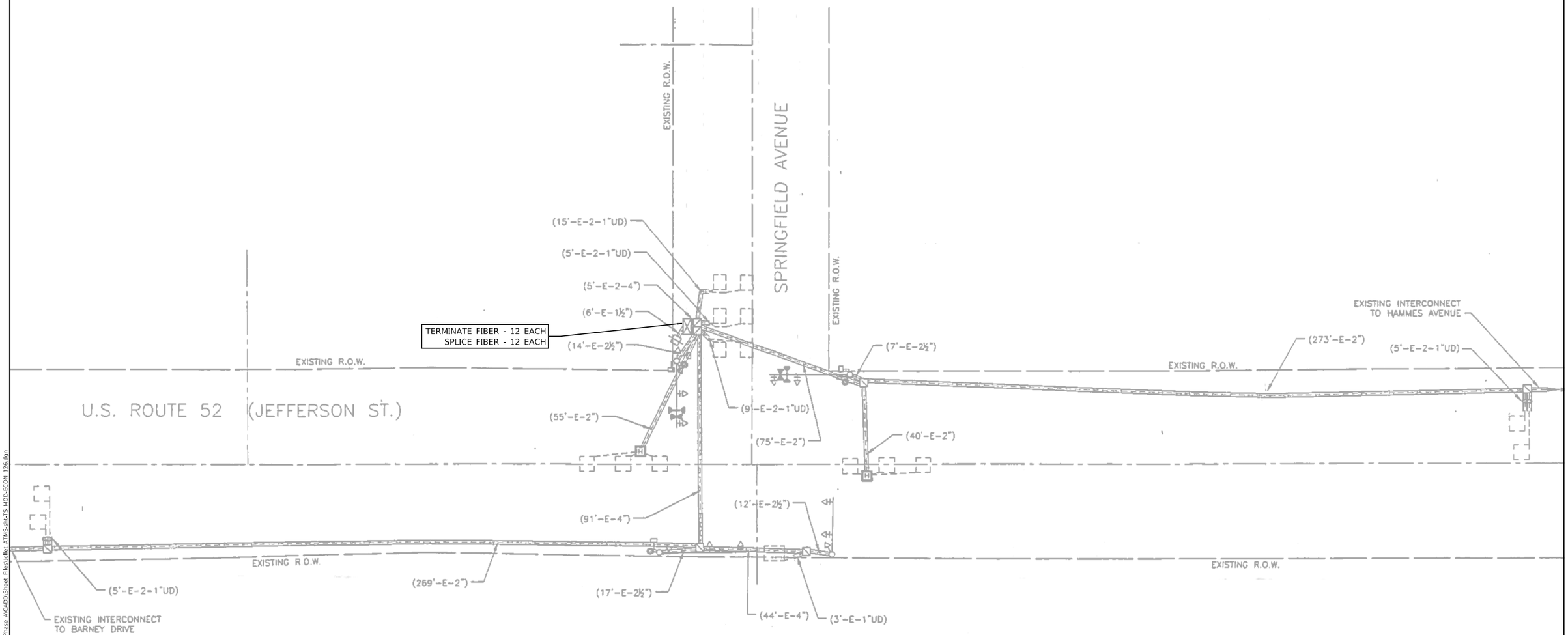
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	96
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 42
TS 22514
FORMER ECON 126
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Sharepoint\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-sht-TS MOD-ECON 126.dgn

iteris

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	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

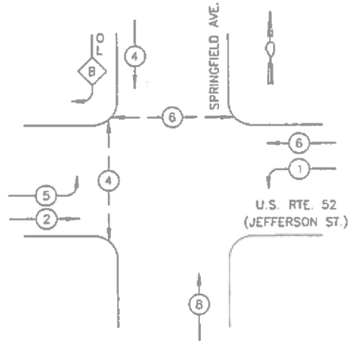
CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
US ROUTE 52 (JEFFERSON STREET) AND SPRINGFIELD AVENUE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	97
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		

CONTROLLER SEQUENCE



LEGEND

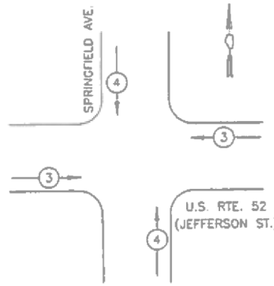
- DUAL ENTRY PHASE
- SINGLE ENTRY PHASE
- OL — OVERLAP
- PEDESTRIAN MOVEMENT
- * — NUMBER REFERS TO ASSOCIATED PHASE

PHASE DESIGNATION DIAGRAM

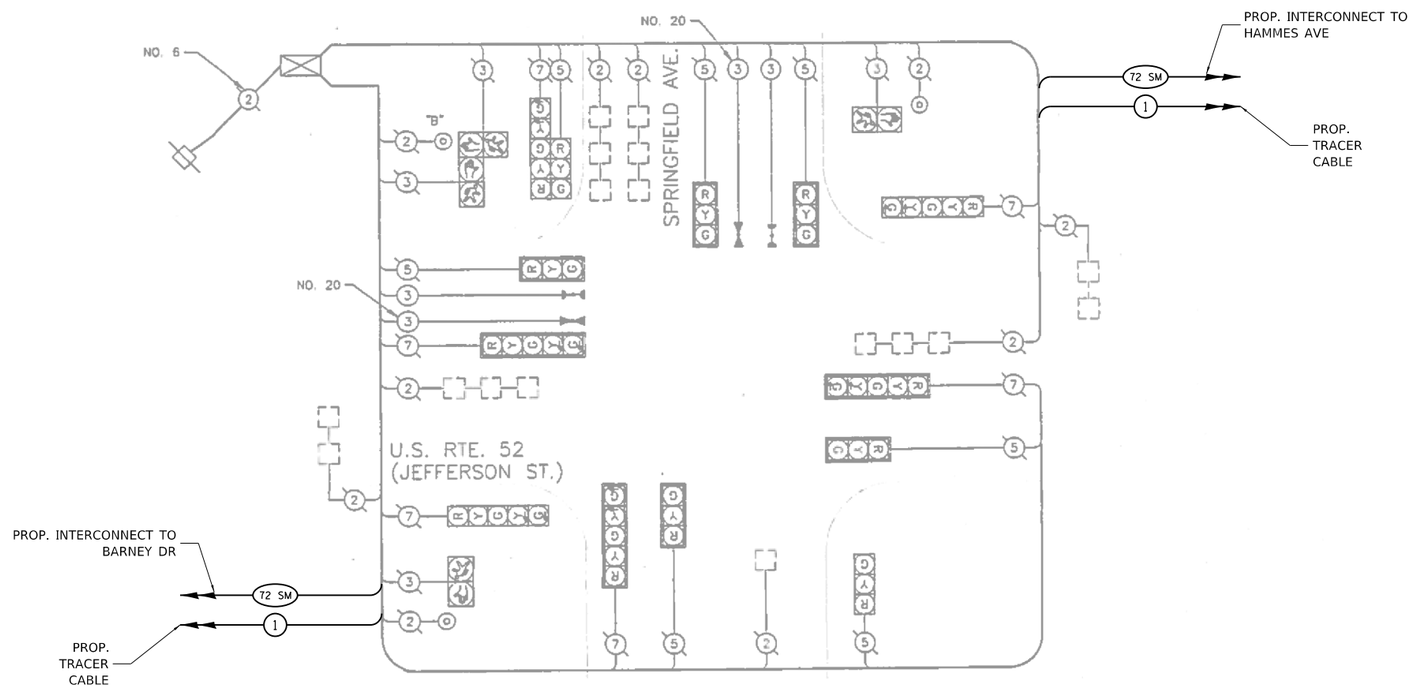
RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↓ ↑



CABLE PLAN
NOT TO SCALE

NOTE:

PUSHBUTTON B SHALL PLACE A CALL TO PHASES 4 & 6

I.D.O.T. TRAFFIC SIGNAL INSTALLATION ELECTRICAL SERVICE REQUIREMENTS					TOTAL WATTAGE
TYPE	NO. LAMPS×	WATTAGE INCAND.	WATTAGE LED	×% OPERATION	
SIGNAL (RED)	12	135	17	0.50	810
(YELLOW)	12	135	25	0.25	405
(GREEN)	12	135	15	0.25	405
ARROW	10	135	12	0.10	135
PED. SIGNAL	4	90	25	1.00	360
CONTROLLER	1	100	100	1.00	100
ILLUM. SIGN		84		0.05	
FLASHER				0.50	
				TOTAL =	2215

ENERGY COSTS TO: ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: _____
PHONE: _____
COMPANY: _____

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
TERMINATE FIBER IN CABINET	EACH	12
SPLICE FIBER IN CABINET	EACH	12

LOCATION NO. 42
TS 22514
FORMER ECON 126
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Sharegate\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-pri-CABLE-ECON 126.dgn

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	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL CABLE PLAN
US ROUTE 52 (JEFFERSON STREET) AND SPRINGFIELD AVENUE

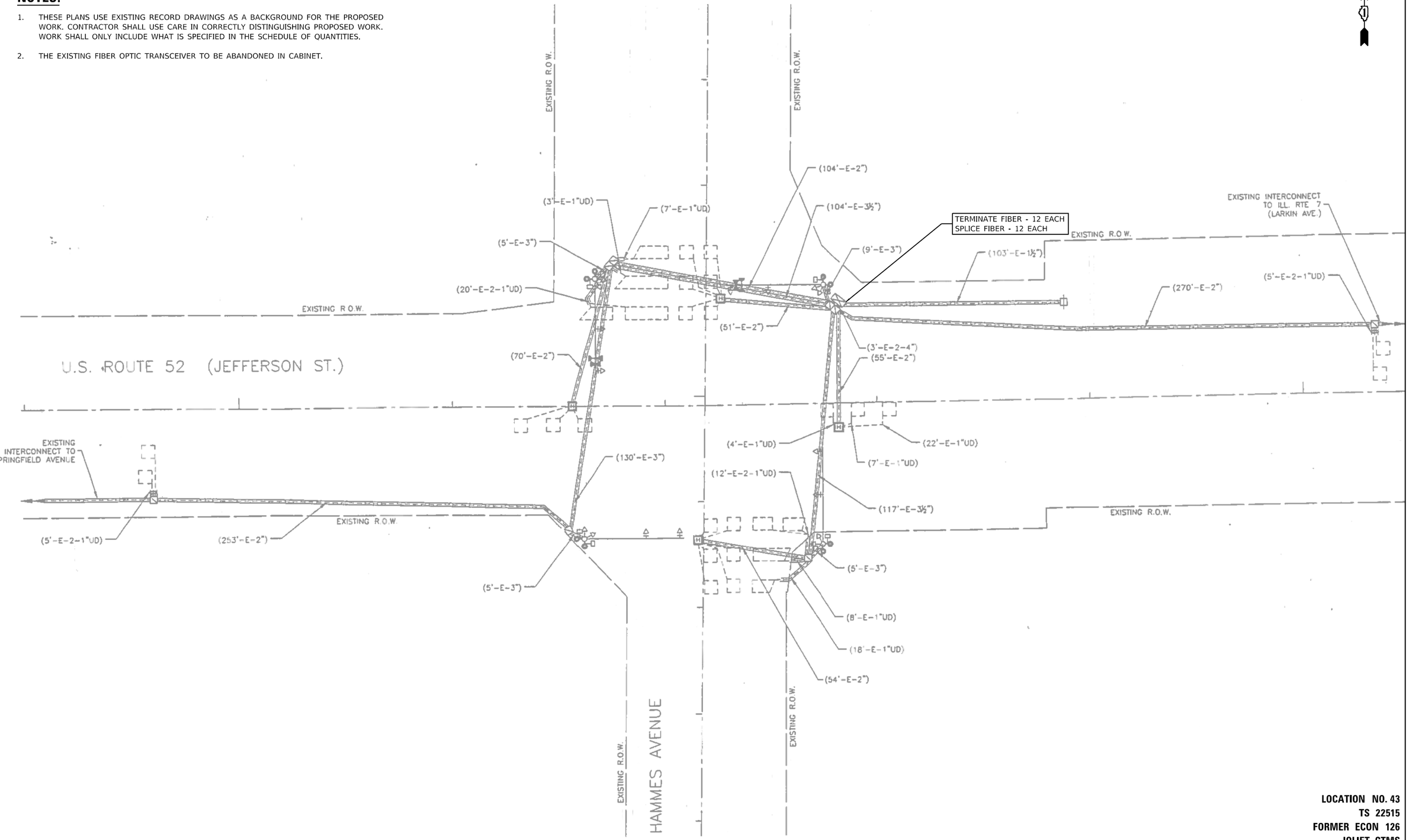
SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	98
		CONTRACT NO. XXXXX		
	ILLINOIS FED. AID PROJECT			

NOTES:

1. THESE PLANS USE EXISTING RECORD DRAWINGS AS A BACKGROUND FOR THE PROPOSED WORK. CONTRACTOR SHALL USE CARE IN CORRECTLY DISTINGUISHING PROPOSED WORK. WORK SHALL ONLY INCLUDE WHAT IS SPECIFIED IN THE SCHEDULE OF QUANTITIES.

2. THE EXISTING FIBER OPTIC TRANSCEIVER TO BE ABANDONED IN CABINET.



LOCATION NO. 43
TS 22515
FORMER ECON 126
JOLIET CTMS

MODEL: Default
FILE NAME: C:\Shared\ITERIS INC\Systems - Midwest - Active Projects\11612 - Joliet CTMS Phase A\CADD\Sheet Files\Joliet ATMS-int-TS MOD-ECON 126.dgn

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USER NAME = bfunk	DESIGNED - BF	REVISED -	
	DRAWN - BF	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - AG	REVISED -	
PLOT DATE = 4/16/2024	DATE - 2/28/24	REVISED -	

CITY OF JOLIET

TRAFFIC SIGNAL MODIFICATION PLAN
US ROUTE 52 (JEFFERSON STREET) AND HAMMES AVENUE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	21-00546-01-TL	WILL	125	99
		CONTRACT NO. XXXXX		
	ILLINOIS	FED. AID PROJECT		