

FAP 592
 IL ROUTE 157
 OTHER PRINCIPAL ARTERIAL

HORSESHOE LAKE ROAD TO EASTPORT PLAZA DRIVE
 2019 ADT = 16,700 (ACTUAL)
 2021 ADT = 17,000 (ESTIMATED)
 SU = 4.5% MU = 1.8%

EASTPORT PLAZA DRIVE TO COLLINSVILLE CROSSING BOULEVARD
 2019 ADT = 28,100 (ACTUAL)
 2021 ADT = 28,500 (ESTIMATED)
 SU = 4.2% MU = 1.4%

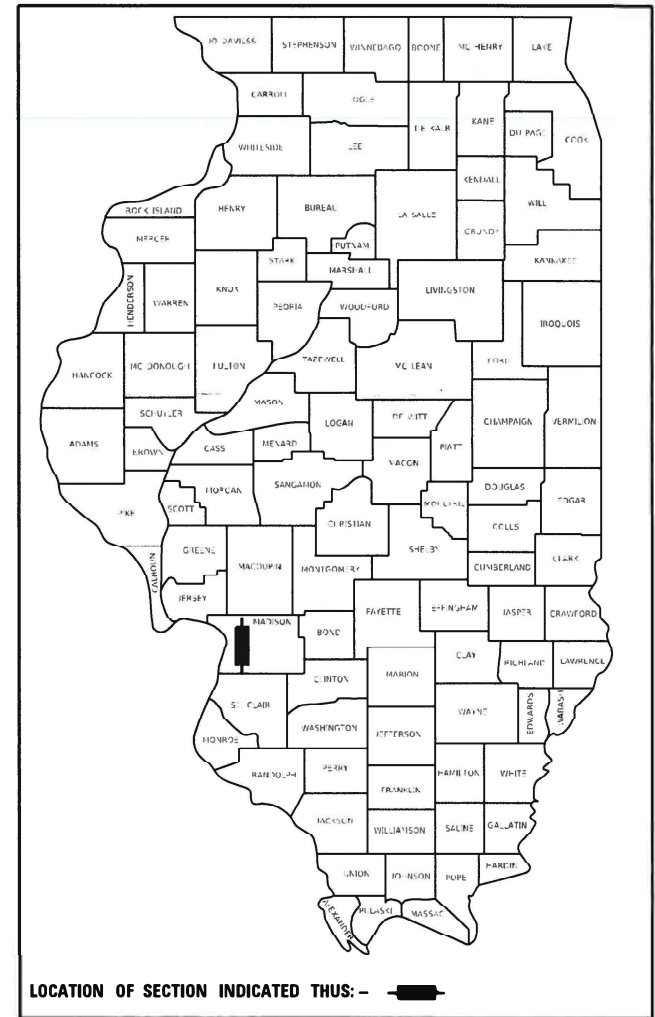
COLLINSVILLE CROSSING BOULEVARD TO MAIN STREET
 2019 ADT = 18,900 (ACTUAL)
 2021 ADT = 19,200 (ESTIMATED)
 SU = 2.2% MU = 0.7%

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
**PROPOSED
 HIGHWAY PLANS**

FAP 592 (IL 157)
 SECTION 117TS-ITS-1
 PROJECT CMAQ-ZIGE(773)
 TRAFFIC SIGNAL INTERCONNECT
 MADISON COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	117TS-ITS-1	MADISON	36	1
PPS 8-55541-0919		ILLINOIS	CONTRACT NO. 76N40	

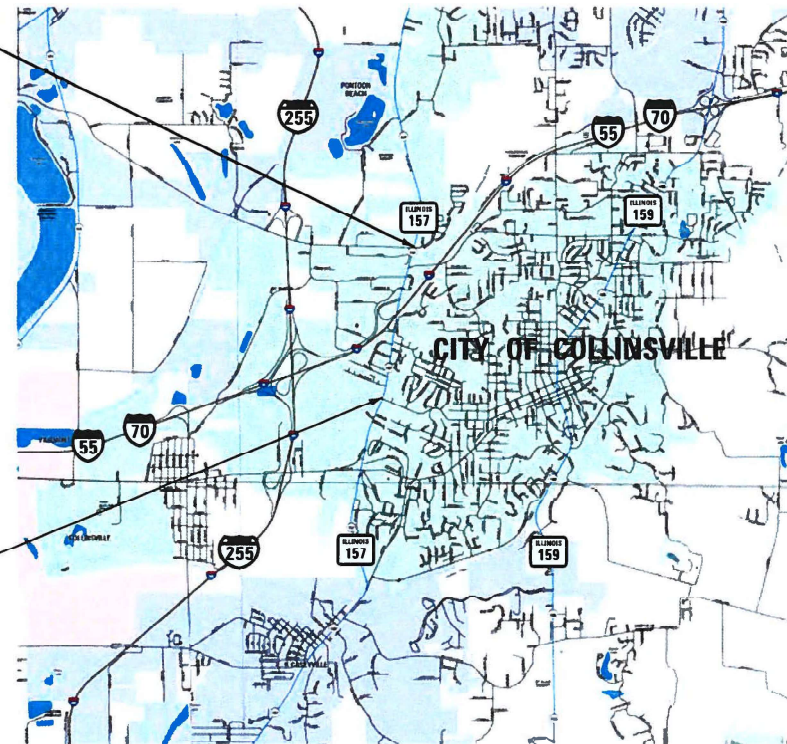
D-98-067-20



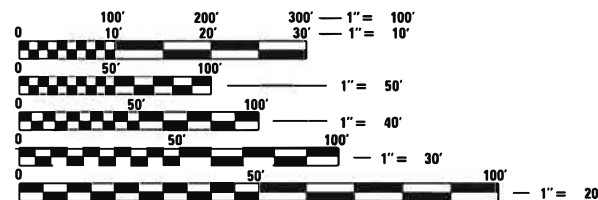
END IMPROVEMENT
 HORSESHOE LAKE ROAD

C-98-082-20

BEGIN IMPROVEMENT
 MAIN STREET



GROSS LENGTH = 7,444 FT. = 1.410 MILE
 NET LENGTH = 7,444 FT. = 1.410 MILE



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
 1-800-892-0123
 OR 811

PROJECT ENGINEER: HERVE GELIN (618) 346-3179
 PROJECT MANAGER: MICHAEL PRESTON (618) 346-3143

CONTRACT NO. 76N40

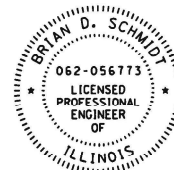
PLANS PREPARED BY



1022 Eastport Plaza Drive
 Collinsville, Illinois 62234
 Phone: (618) 855-8000
 Illinois Professional Design Firm
 No. 184-003252
 License Expires 4/30/2021



1928 SrA Bradley R. Smith Drive
 Troy, Illinois 62294
 Phone: (618) 667-1400
 Illinois Professional Design Firm
 No. 184-001670
 License Expires 4/30/2021



Brian D. Schmitt 9/10/2020
 Date

License Expires 11/30/2021
 THE SEAL SHOWN ABOVE IS VALID FOR THE FOLLOWING SHEETS IN THESE PLANS WHICH WERE PREPARED UNDER MY DIRECT SUPERVISION:
 SHEETS 1-27



License Expires 11/30/2021
 THE SEAL SHOWN ABOVE IS VALID FOR THE FOLLOWING SHEETS IN THESE PLANS WHICH WERE PREPARED UNDER MY DIRECT SUPERVISION:
 SHEETS 28-36

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED Oct 8, 2020
K. Roberts REGIONAL ENGINEER

December 4, 2020
See E.A. Elk
 ENGINEER OF DESIGN AND ENVIRONMENT

December 4, 2020
James J. Gu...
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

GENERAL NOTES

- 1 THE STANDARDS AND REVISIONS LISTED APPLY TO THIS PROJECT.
- 2 NO SURVEY WAS PERFORMED FOR THIS PROJECT AND THE PLANS WERE CREATED USING AERIAL IMAGERY AND FIELD MEASUREMENTS.
- 3 THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS. REDUCED SIZE PLANS CAN BE PRINTED TO SCALE FOR USE IN THE FIELD.
- 4 THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR APPROVED SUBCONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSE WORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT EEO OFFICE AT 618-346-3360 AND/OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.
- 5 UTILITIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA AS FOLLOWS:

ADB COMPANIES	COMMUNICATIONS
AMEREN ILLINOIS	GAS & ELECTRIC
AT&T ILLINOIS	COMMUNICATIONS
CHARTER COMMUNICATIONS, INC.	CABLE TV
DEPARTMENT OF CENTRAL MANAGEMENT SERVICES	COMMUNICATIONS
CITY OF COLLINSVILLE	WATER & SANITARY SEWER
ILLINOIS RURAL HEALTHNET	COMMUNICATIONS
MCI NETWORK SERVICES, INC.	COMMUNICATIONS
SOUTHWESTERN ELECTRIC COOPERATIVE, INC.	ELECTRIC
CITY OF TROY	WATER & SANITARY SEWER
WINDSTREAM COMMUNICATIONS	COMMUNICATIONS

MEMBERS OF J.U.L.I.E. CALL TOLL FREE (800) 892-0123 OR 811.
NON - J.U.L.I.E. MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

INDEX OF SHEETS


- 1 COVER SHEET
- 2 GENERAL NOTES, INDEX OF SHEETS, AND HIGHWAY STANDARDS
- 3 SUMMARY OF QUANTITIES
- 4 SCHEDULE OF QUANTITIES
- 5-19 TRAFFIC SIGNAL MODIFICATION SHEETS - PLAN
- 20-27 TRAFFIC SIGNAL MODIFICATION SHEETS - CABLE DIAGRAM
- 28-36 TRAFFIC SIGNAL MODIFICATION SHEETS - ITS & INTERCONNECT

HIGHWAY STANDARDS

- | | |
|-----------|--|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 701001-02 | OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY |
| 701006-05 | OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701101-05 | OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE |
| 701106-02 | OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 m) AWAY |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701311-03 | LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY |
| 701601-09 | URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSIBLE MEDIAN |
| 701602-10 | URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE |
| 701701-10 | URBAN LANE CLOSURE, MULTILANE INTERSECTION |
| 701901-08 | TRAFFIC CONTROL DEVICES |
| 880006-01 | TRAFFIC SIGNAL MOUNTING DETAILS |

MODEL: D:\draft\... FILE NAME: C:\EUBS\2018\18-1366 P1B 18926 VARIOUS PH II TRAFFIC DESIGN DB - FEI PRIME\W0-01\CADD\CADD Sheets\18926\M0-01c-02\Notes.dgn

REV. - MS

 FUHRMANN ENGINEERING WWW.FUHRMANN-ENG.COM	USER NAME = bschm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS, AND HIGHWAY STANDARDS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 2.0000' / in.	DRAWN -	REVISIED -			592	1177S-ITS-1	MADISON	36	2	
PLOT DATE = 9/18/2020	CHECKED -	REVISIED -		PPS 8-55541-0919		CONTRACT NO. 76N40					
	DATE -	REVISIED -		SCALE: NTS	SHEET 1 OF 1 SHEETS	STA. N/A	TO STA. N/A	ILLINOIS FED. AID PROJECT			

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
CODE NO	ITEM	UNIT	TOTAL	80% FED 20% STATE	
				TRAFFIC SIGNALS	
				0021	URBAN
67100100	MOBILIZATION	L SUM	1	1	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
85700200	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	EACH	8	8	
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2240	2240	
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1	1	
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	9	9	
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1	1	
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	9	9	
X0326266	ETHERNET SWITCH	EACH	8	8	
X1400007	FIBER OPTIC CABLE IN CONDUIT, 24 FIBERS, SINGLE MODE	FOOT	9610	9610	
X1400239	CCTV CAMERA PENDANT MOUNT AND BRACKET ARM	EACH	2	2	
X8710070	FIBER OPTIC INTERCONNECT CENTER, 24 FIBER	EACH	8	8	

* SPECIALTY ITEM

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
CODE NO	ITEM	UNIT	TOTAL	80% FED 20% STATE	
				TRAFFIC SIGNALS	
				0021	URBAN
X8710071	FIBER OPTIC FUSION SPLICE	EACH	92	92	
X8950105	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	EACH	8	8	
X1400435	FIBER OPTIC PIGTAIL, SINGLE MODE	EACH	32	32	
X1400436	FIBER OPTIC JUMPER, SINGLE MODE	EACH	32	32	
X1400437	GPS CLOCK SYNC UNIT	EACH	1	1	
Ø Z0076600	TRAINEES	HOUR	500	500	
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500	

Ø 0042

REV. - MS

MODEL: Defaul
FILE NAME: C:\Users\jg51\OneDrive\Documents\2018\11\1366 PTD 189-26 VARIOUS PH II TRAFFIC DESIGN DB - FEI PRMEX\WO-01\CADD\CADD Sheets\02762646-01-03500.dgn



USER NAME = bschm
PLOT SCALE = 2.0000' / in.
PLOT DATE = 9/18/2020

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: NTS SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	117TS-ITS-1	MADISON	36	3
PPS 8-55541-0919			CONTRACT NO. 76N40	
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNALS							
LOCATION	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET	REMOVE EXISTING TRAFFIC CONTROLLER AND CABINET	ELECTRIC CABLE IN CONDUIT SIGNAL NO. 14 5C	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE			TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE
				3-SECTION		4-SECTION	
				BRACKET MOUNTED	MAST ARM MOUNTED	BRACKET MOUNTED	
	EACH	EACH	FOOT	EACH	EACH	EACH	EACH
MAIN STREET	1	1	190		1		1
SOUTH MALL ENTRANCE / BEVERLY LANE	1	1					
COLLINSVILLE CROSSING BOULEVARD	1	1	256		1		1
NB I-55 / EB I-70 RAMPS / RAMADA BOULEVARD	1	1					
SB I-55 / WE I-70 RAMPS	1	1	149		1		1
EASTOPORT PLAZA DRIVE / DRURY INN DRIVE	1	1	418		2		2
MOTOMART ENTRANCE / BELTLINE ROAD	1	1	698	1	2	1	2
HORSESHOE LAKE ROAD / WOODLAND TRAILS DRIVE	1	1	529		2		2
TOTAL	8	8	2240	1	9	1	9
ROUNDED			2240				

ITS								
LOCATION	ETHERNET SWITCH	FIBER OPTIC CABLE IN CONDUIT, 24 FIBERS, SINGLE MODE	CCTV CAMERA PENDANT MOUNT AND BRACKET ARM	FIBER OPTIC INTERCONNECT CENTER, 24 FIBER	FIBER OPTIC FUSION SPLICE	FIBER OPTIC PIGTAIL, SINGLE MODE	FIBER OPTIC JUMPER, SINGLE MODE	GPS CLOCK SYNC UNIT
	EACH	FOOT	EACH	EACH	EACH	EACH	EACH	EACH
MAIN STREET	1	9610	1	1	4	4	4	
SOUTH MALL ENTRANCE / BEVERLY LANE	1			1	14	4	4	
COLLINSVILLE CROSSING BOULEVARD	1			1	14	4	4	
NB I-55 / EB I-70 RAMPS / RAMADA BOULEVARD	1			1	14	4	4	
SB I-55 / WE I-70 RAMPS	1			1	14	4	4	
EASTOPORT PLAZA DRIVE / DRURY INN DRIVE	1			1	14	4	4	
MOTOMART ENTRANCE / BELTLINE ROAD	1			1	14	4	4	
HORSESHOE LAKE ROAD / WOODLAND TRAILS DRIVE	1			1	4	4	4	1
TOTAL	8	9610	2	8	92	32	32	1

MODEL: D:\p4\it FILE NAME: C:\EIT\BBS\2018\18-1366.PTB 89236 VARIOUS PH II TRAFFIC DESIGN DB - FEI PRIME\W\0-01\CADD\CADD Sheets\0776\445-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000



USER NAME = bschm
 PLOT SCALE = 2,000' / in.
 PLOT DATE = 9/18/2020

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

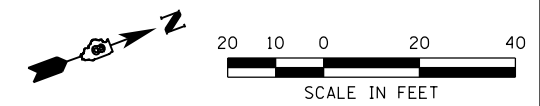
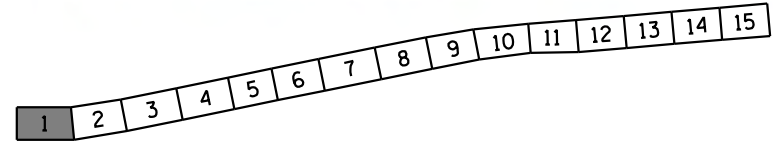
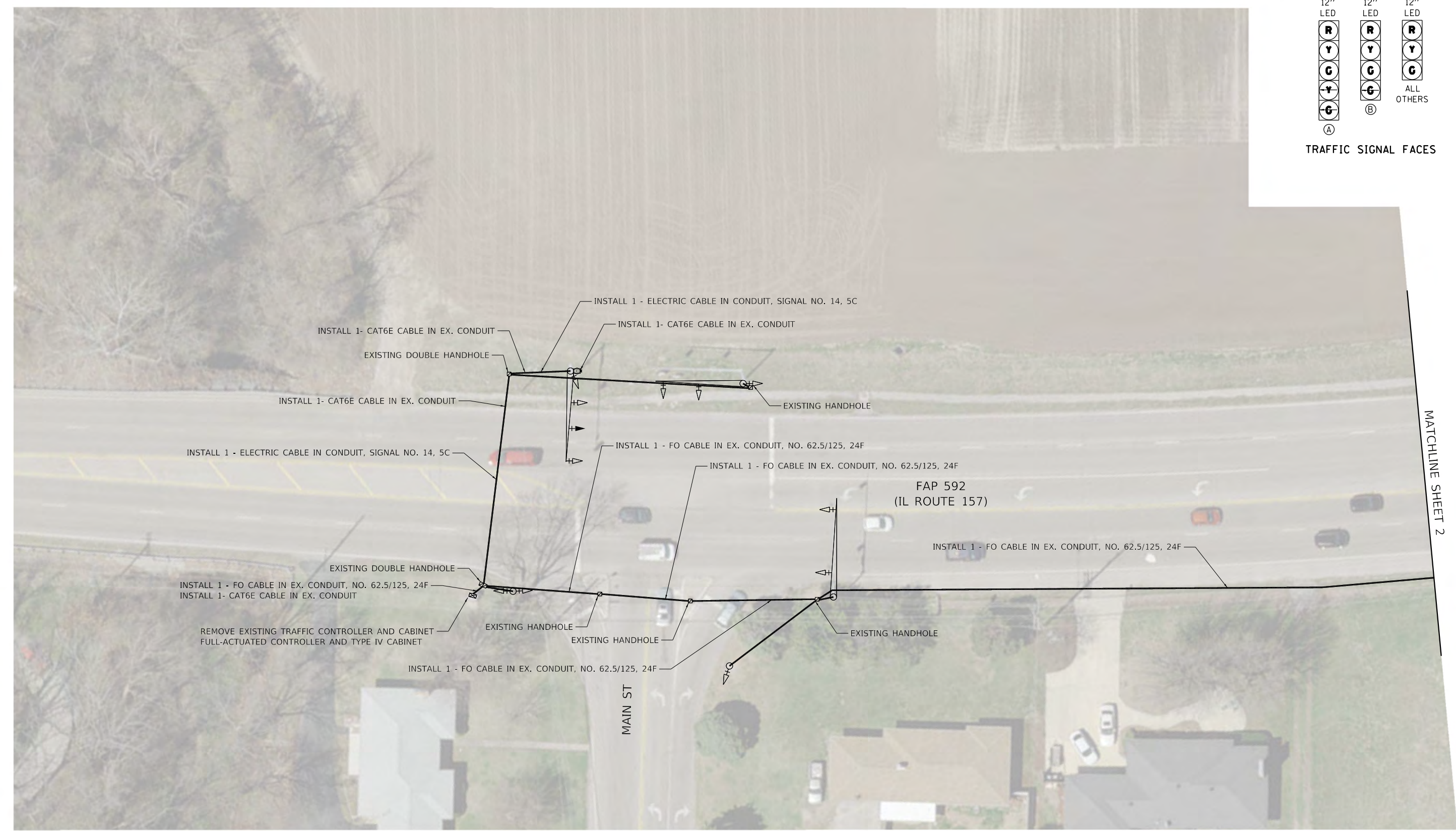
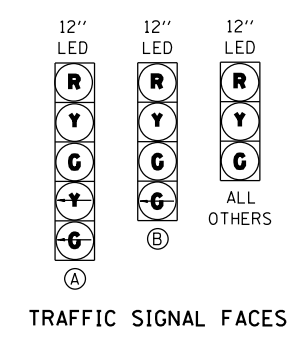
REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: NTS SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	4
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



MODEL: D:\p1\11\11775-ITS-1\11775-ITS-1.dgn
 FILE NAME: C:\Users\bschm\OneDrive\Documents\11775-ITS-1\11775-ITS-1.dgn



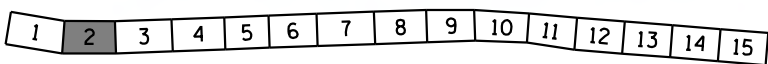
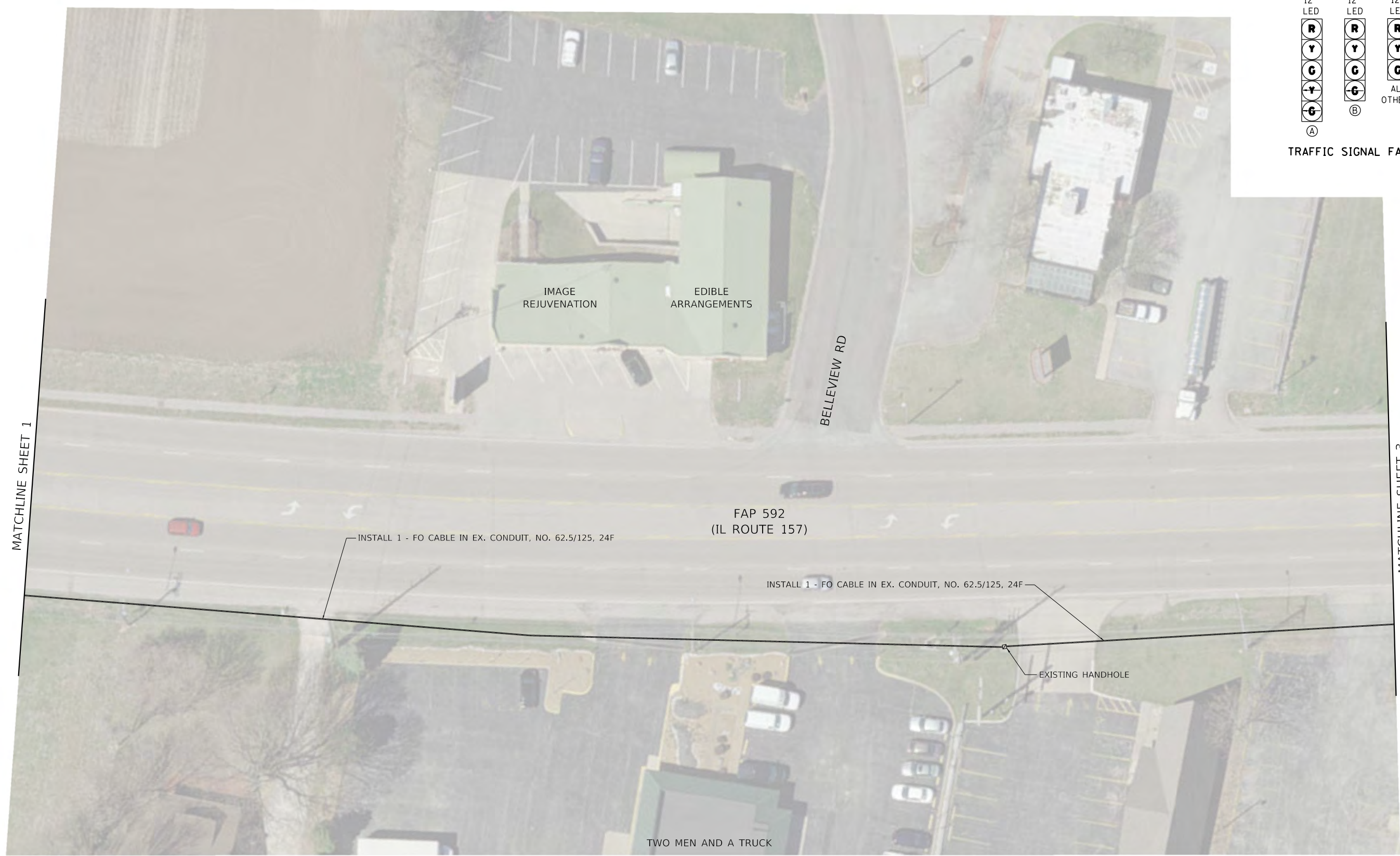
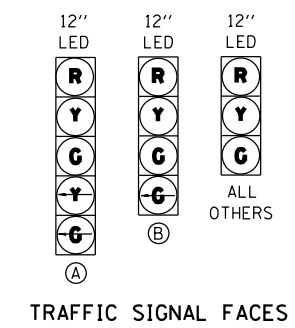
USER NAME = bschm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL
 MODIFICATION PLAN

SCALE: 1"=20' SHEET 1 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	11775-ITS-1	MADISON	36	5
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



MODEL: Default
 FILE NAME: C:\Users\bschm\OneDrive\Documents\20181118_1366_PTB_189236_VARIOUS_P1_IL TRAFFIC DESIGN.DB - FEI PRIMEWOOD-01\CADD\CADD Sheets\07761410-11-14-2021.dgn

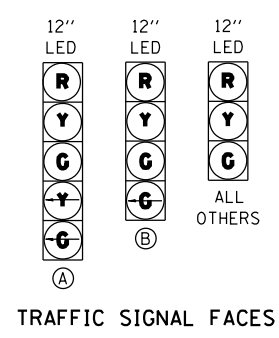
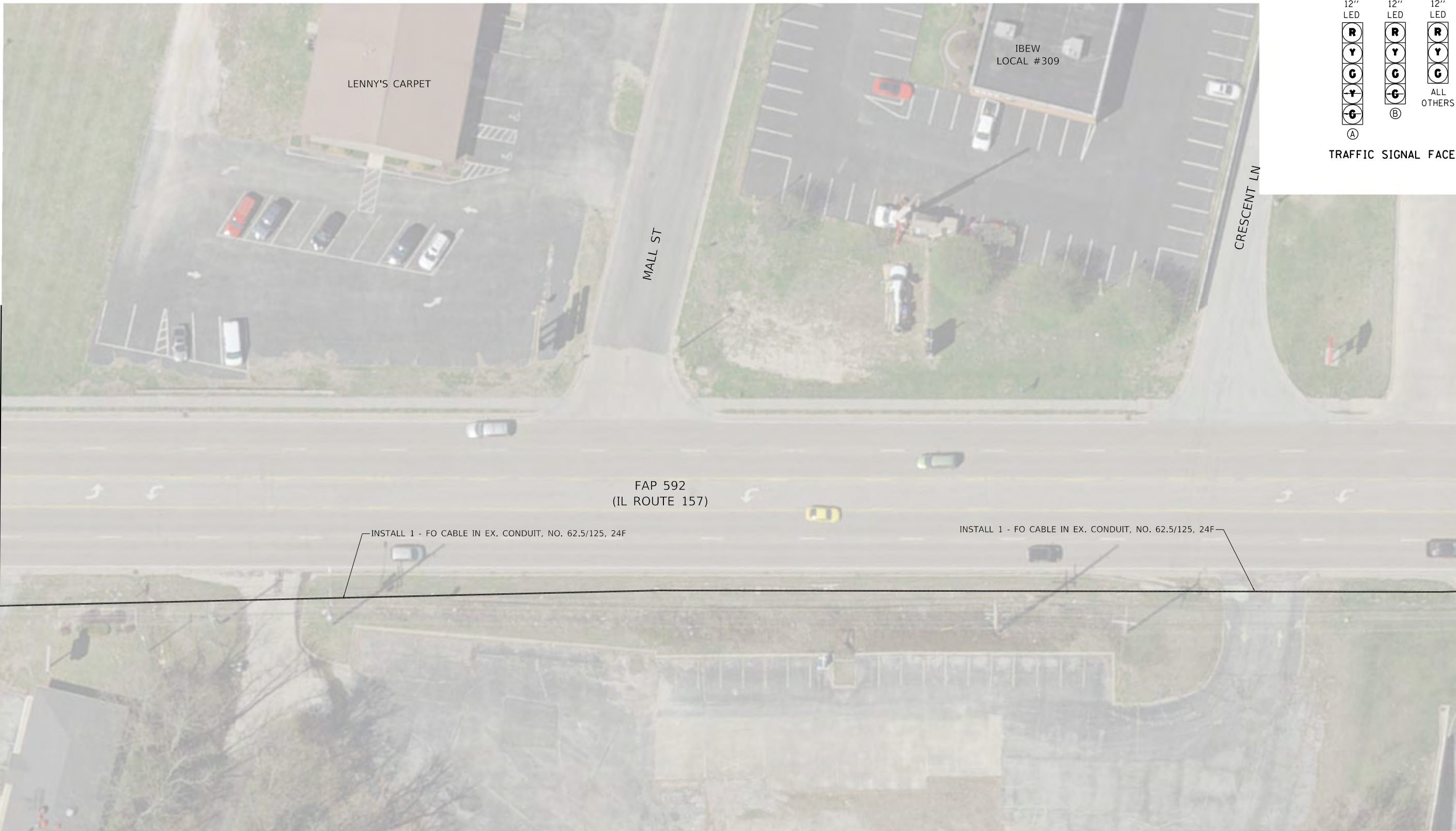


USER NAME = bschm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN			
SCALE: 1"=20'	SHEET 2	OF 15 SHEETS	STA. N/A TO STA. N/A

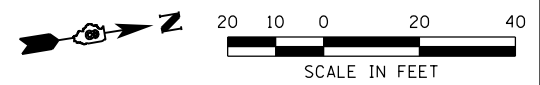
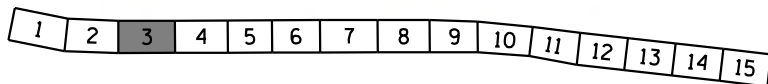
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	6
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



MATCHLINE SHEET 2

MATCHLINE SHEET 4

MODEL: D:\p4\it...
 FILE NAME: C:\Users\...
 MODEL: D:\p4\it...
 FILE NAME: C:\Users\...



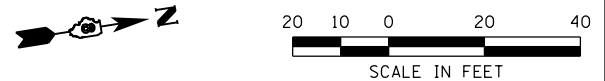
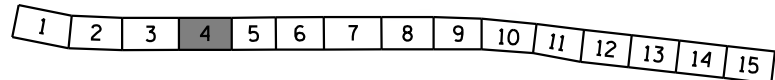
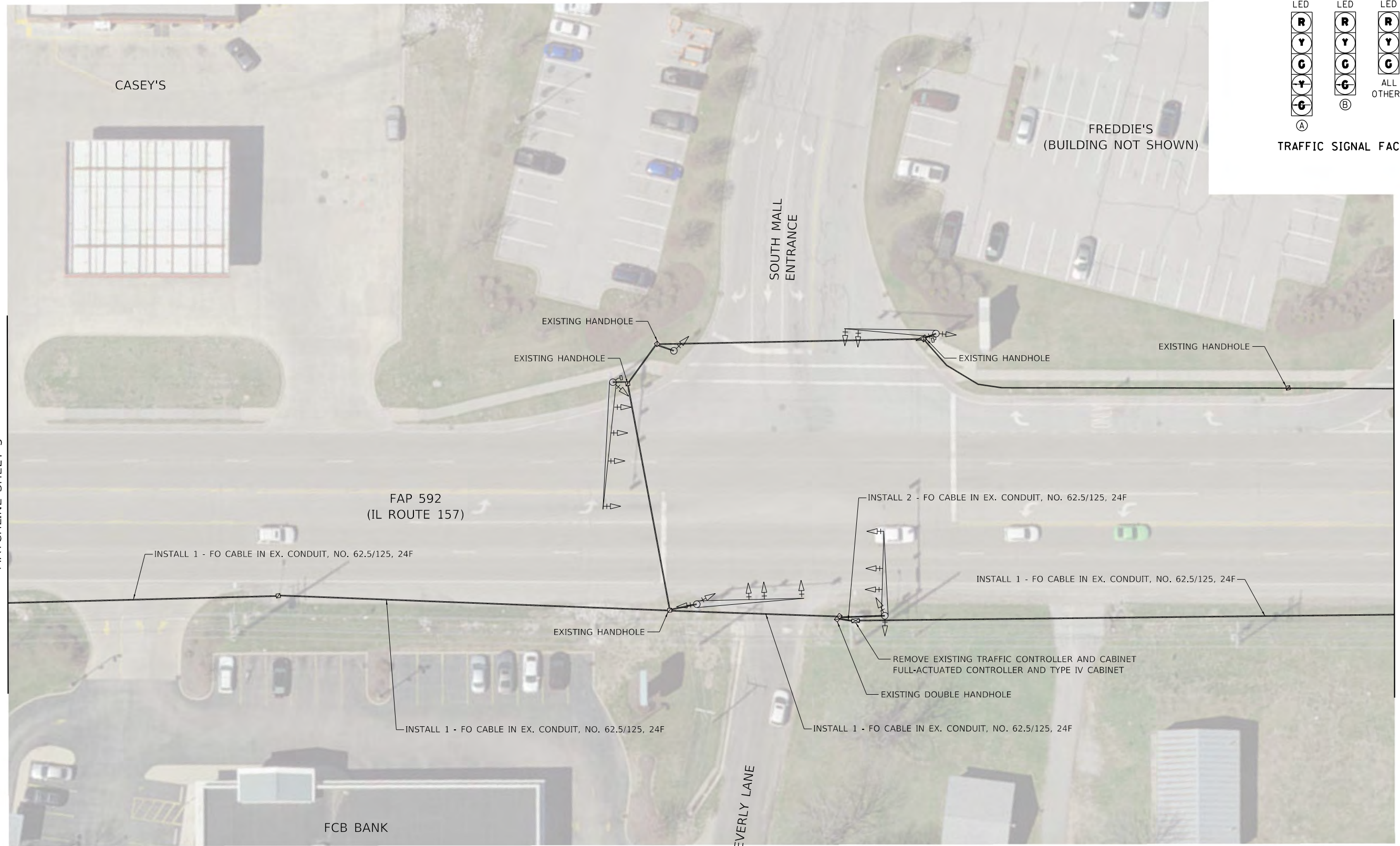
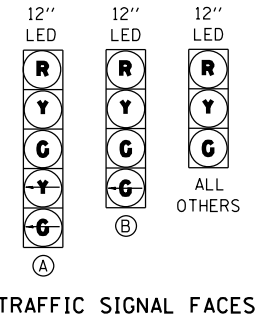
USER NAME = bschm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL
MODIFICATION PLAN

SCALE: 1"=20' SHEET 3 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	7
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



MODEL: D:\p1\... FILE NAME: C:\E\... 2018\18-1366.PTB 189236 VARIOUS PH II TRAFFIC DESIGN DB - FEI PRIME\W\0-01\CADD\CADD Sheets\0761445-Sheet04.dgn



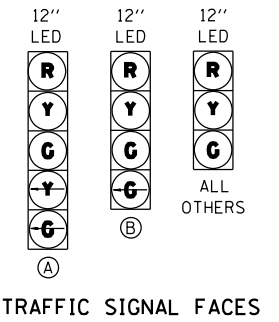
USER NAME = bschm	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL
MODIFICATION PLAN**

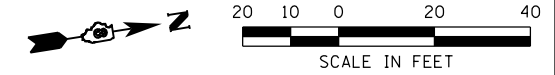
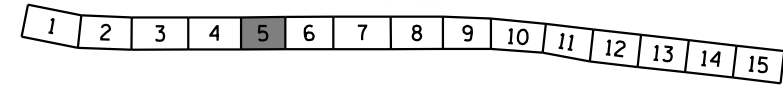
SCALE: 1"=20' SHEET 4 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1L7T5-ITS-L	MADISON	36	8
PPS 8-55541-0919			CONTRACT NO. 76N40	
ILLINOIS FED. AID PROJECT				



MATCHLINE SHEET 4

MATCHLINE SHEET 6



MODEL: D:\p1\11775-1\11775-1-1366.PTB 1366.PTB - FEI PRIME\W0-01\CADD\CADD_Sheets\076440-11775-1.dgn

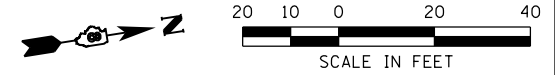
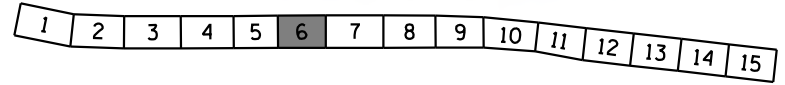
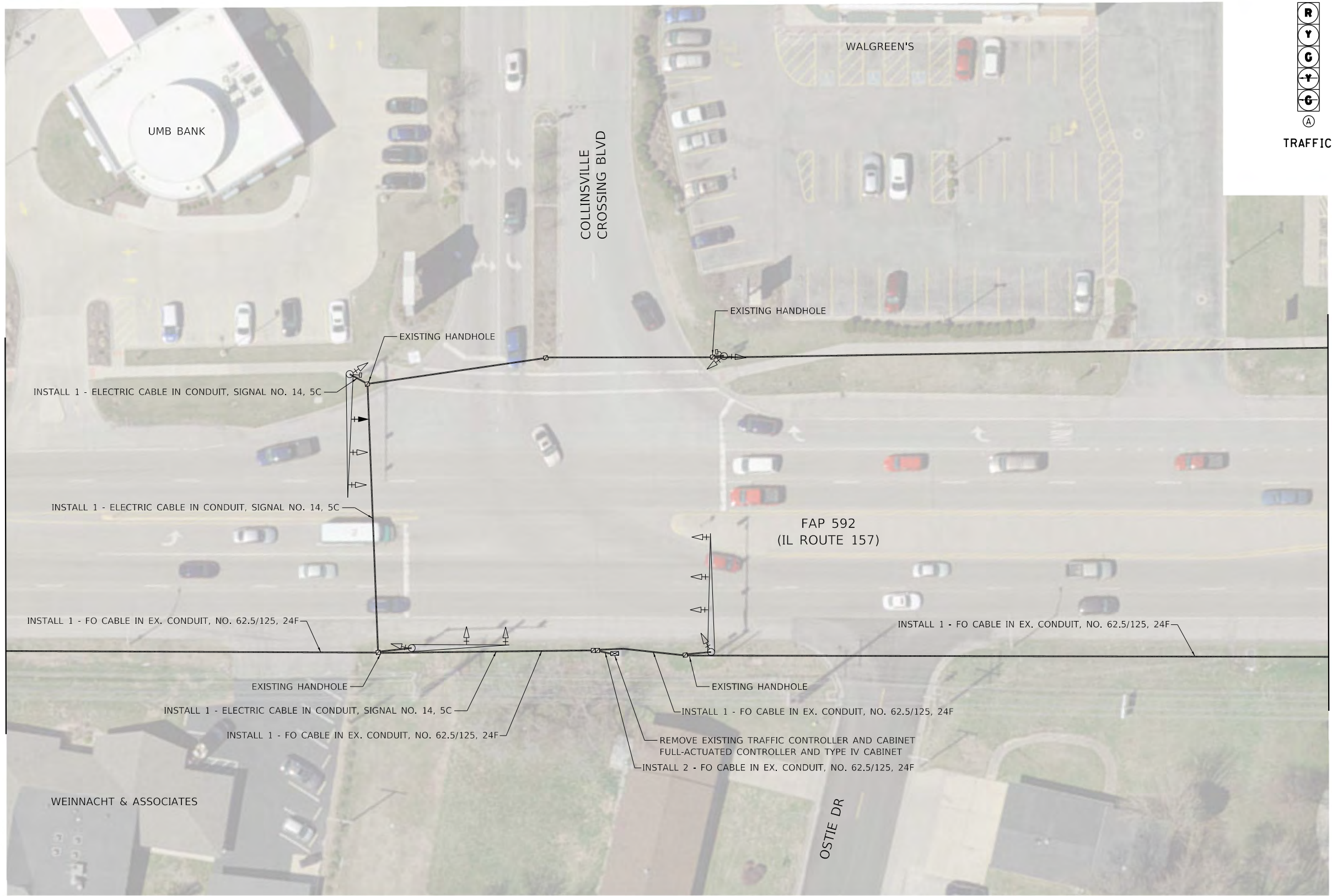
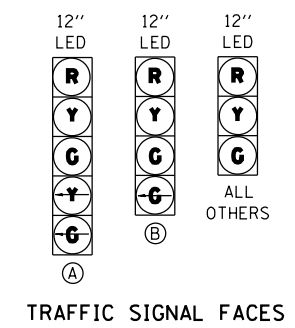


USER NAME = bschm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL MODIFICATION PLAN			
SCALE: 1"=20'	SHEET 5	OF 15 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	11775-ITS-1	MADISON	36	9
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



MODEL: D:\p1\11775-ITS-1\11775-ITS-1.dwg
FILE NAME: C:\Users\bschm\OneDrive\Documents\11775-ITS-1.dwg
MODEL: D:\p1\11775-ITS-1\11775-ITS-1.dwg
FILE NAME: C:\Users\bschm\OneDrive\Documents\11775-ITS-1.dwg



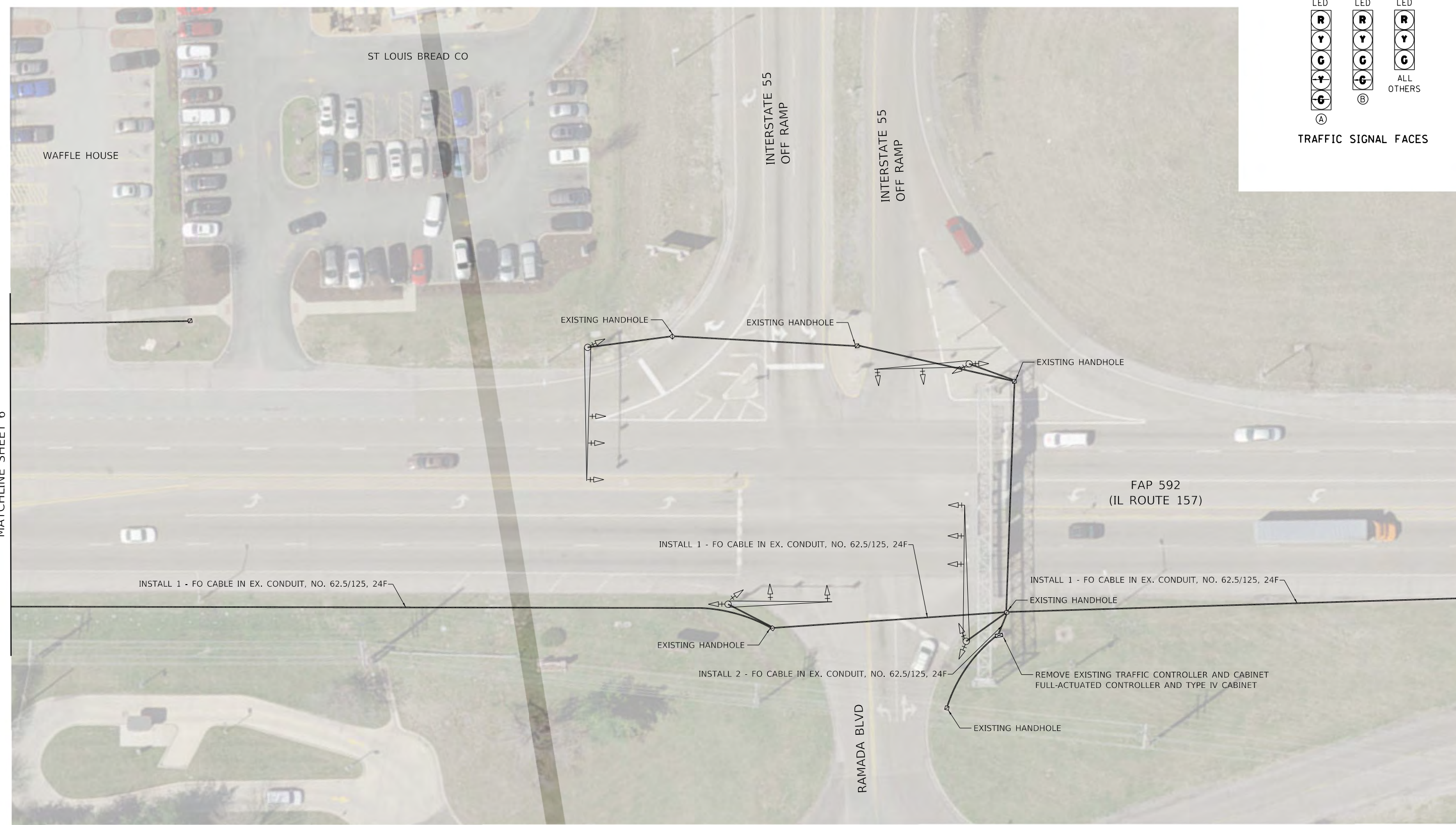
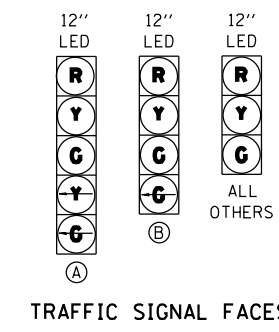
USER NAME = bschm	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 9/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL
MODIFICATION PLAN**

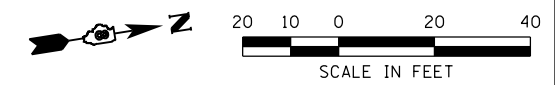
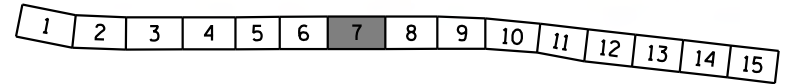
SCALE: 1"=20' SHEET 6 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	11775-ITS-1	MADISON	36	10
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



MATCHLINE SHEET 6

MATCHLINE SHEET 8



MODEL: D:\p1\...
FILE NAME: C:\Users\...
DATE: 9/18/2020

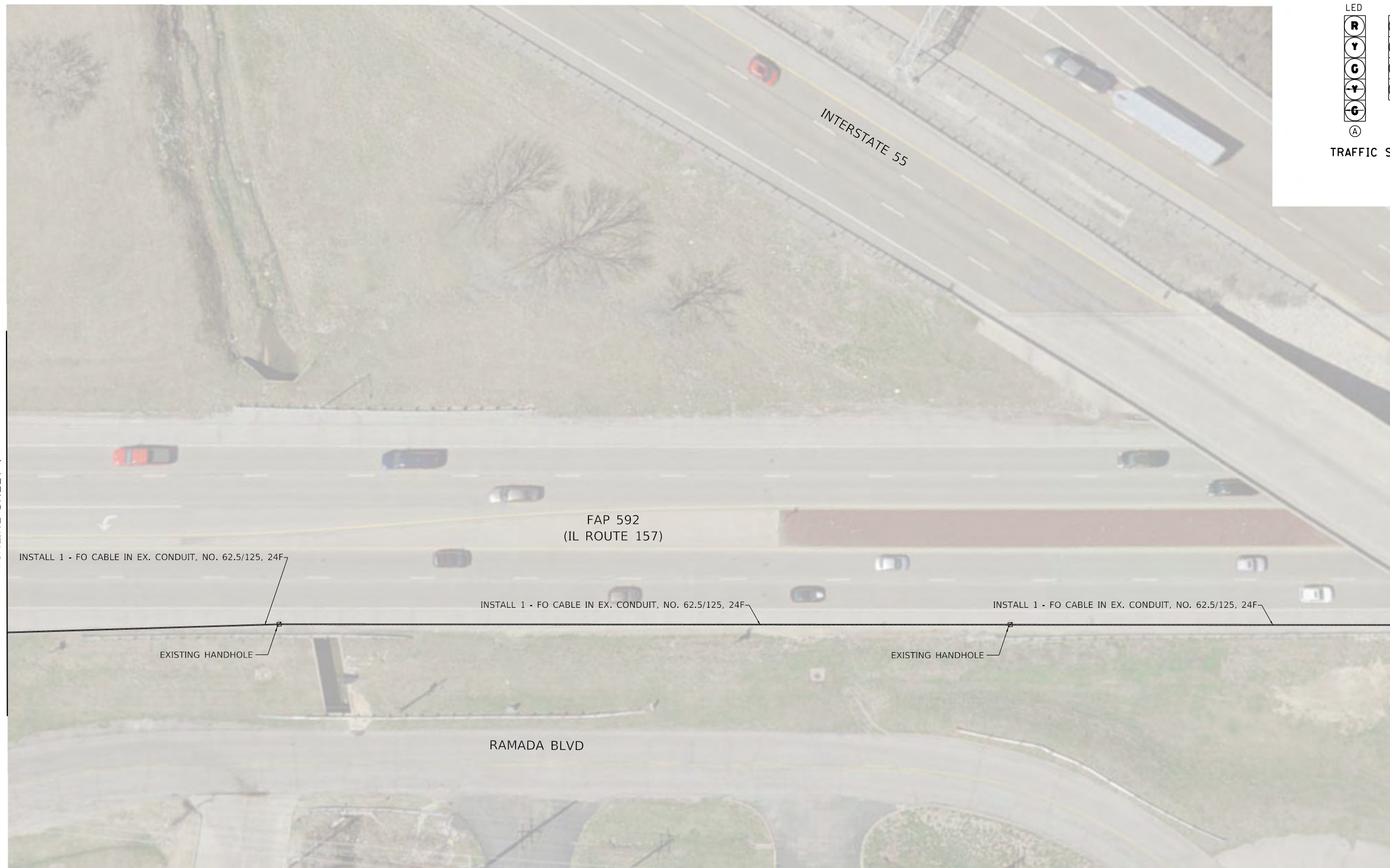
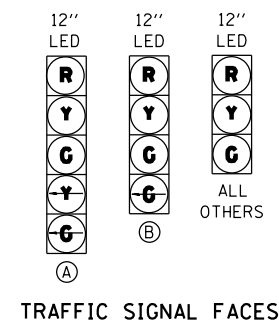


USER NAME = bschm	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 9/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL MODIFICATION PLAN			
SCALE: 1"=20'	SHEET 7 OF 15 SHEETS	STA. N/A TO STA. N/A	

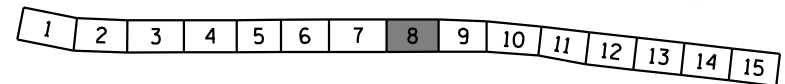
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	11
PPS 8-55541-0919			CONTRACT NO. 76N40	
ILLINOIS FED. AID PROJECT				



MATCHLINE SHEET 7

MATCHLINE SHEET 9

Mc DONALDS DENNY'S AMERICA'S BEST VALUE INN



MODEL: D:\p1\11775-ITS-1\11775-ITS-1-1366.PTB - FEI PRIME\W0-01\CADD\CADD_Sheets\076\H40-11775-ITS-1366.dgn



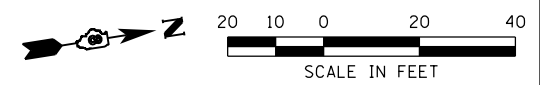
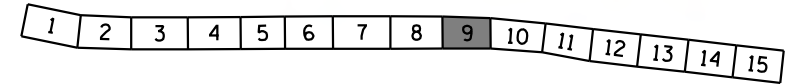
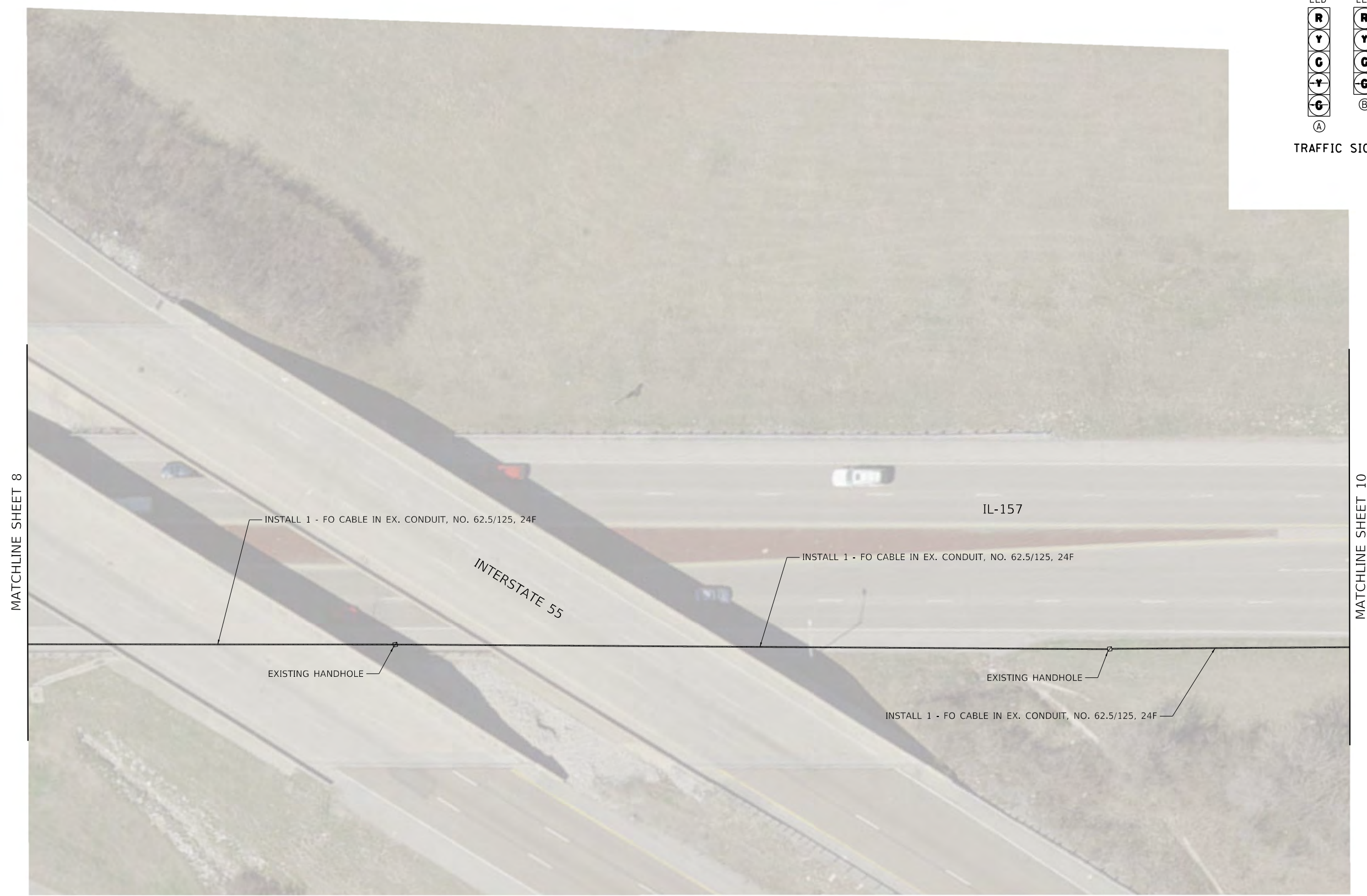
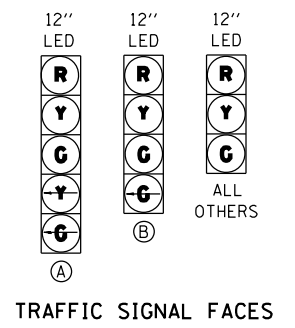
USER NAME = bschm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL
MODIFICATION PLAN**

SCALE: 1"=20' SHEET 8 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	11775-ITS-1	MADISON	36	12
PPS 8-55541-0919			CONTRACT NO. 76N40	
ILLINOIS FED. AID PROJECT				



MODEL: D:\p1\11... FILE NAME: C:\E\11... 2018.11.13.66 PTB 189236 VARIOUS PH II TRAFFIC DESIGN DB - FEI PRIME\W\0-11\CADD\CADD Sheets\1175\1175-1\1175-1.dgn



USER NAME = bschm	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

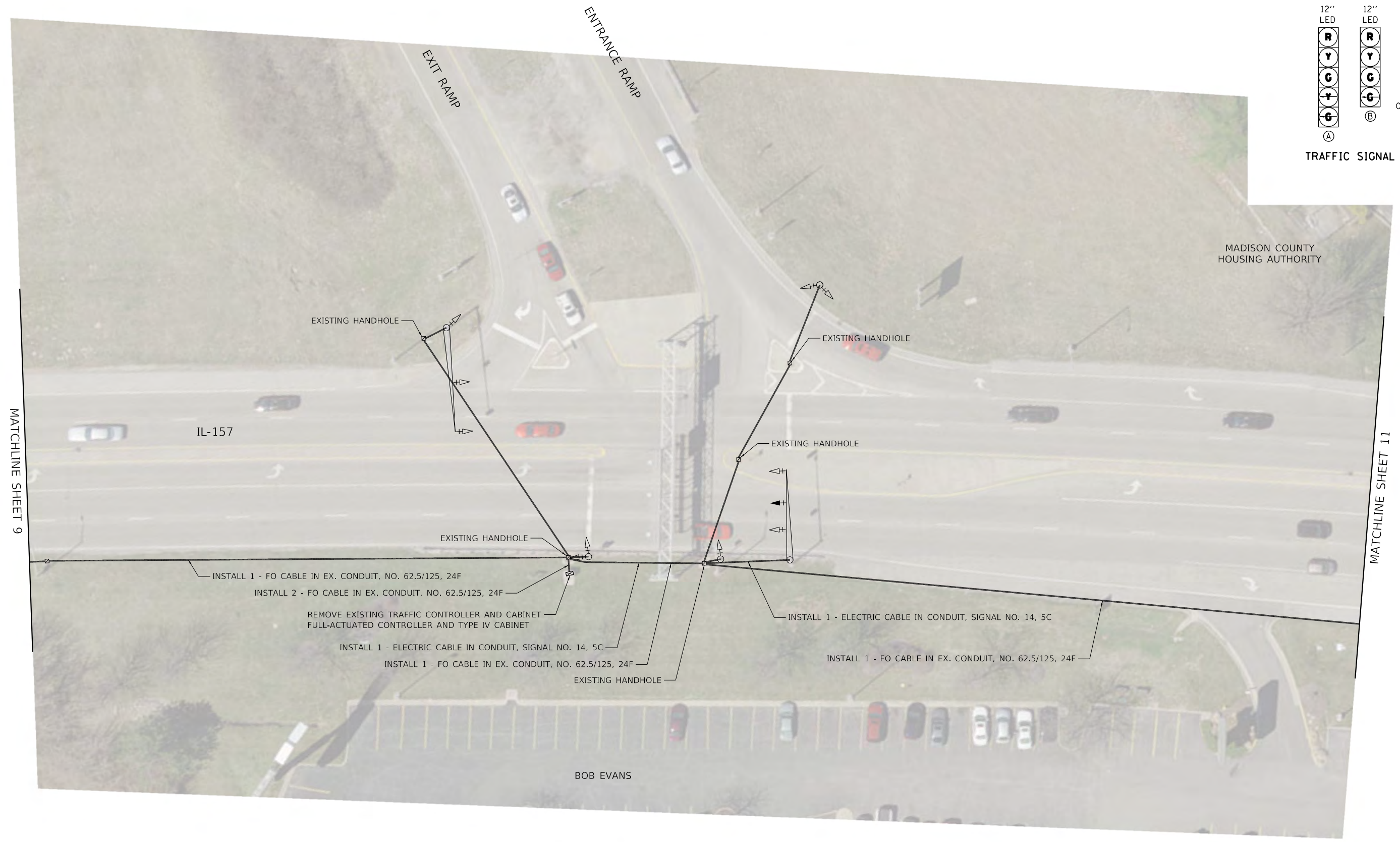
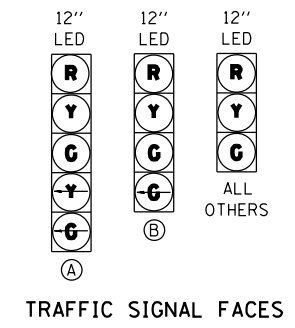
DRAWN -	REVISED -
CHECKED -	REVISED -
DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL
MODIFICATION PLAN**

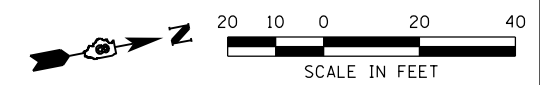
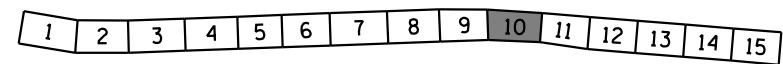
SCALE: 1"=20' SHEET 9 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1L7TS-ITS-1	MADISON	36	13
PPS 8-55541-0919			CONTRACT NO. 76N40	
ILLINOIS FED. AID PROJECT				



MATCHLINE SHEET 9

MATCHLINE SHEET 11



MODEL: D:\p4\it...
FILE NAME: C:\Users\bschm\OneDrive\Documents\20181118_1366_PTB_189236_VARIOUS_P1_IL TRAFFIC DESIGN.DB - FEI PRIME\W0-01\CADD\CADD Sheets\0776440-Sheet11.dgn

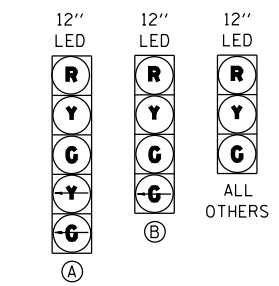


USER NAME = bschm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

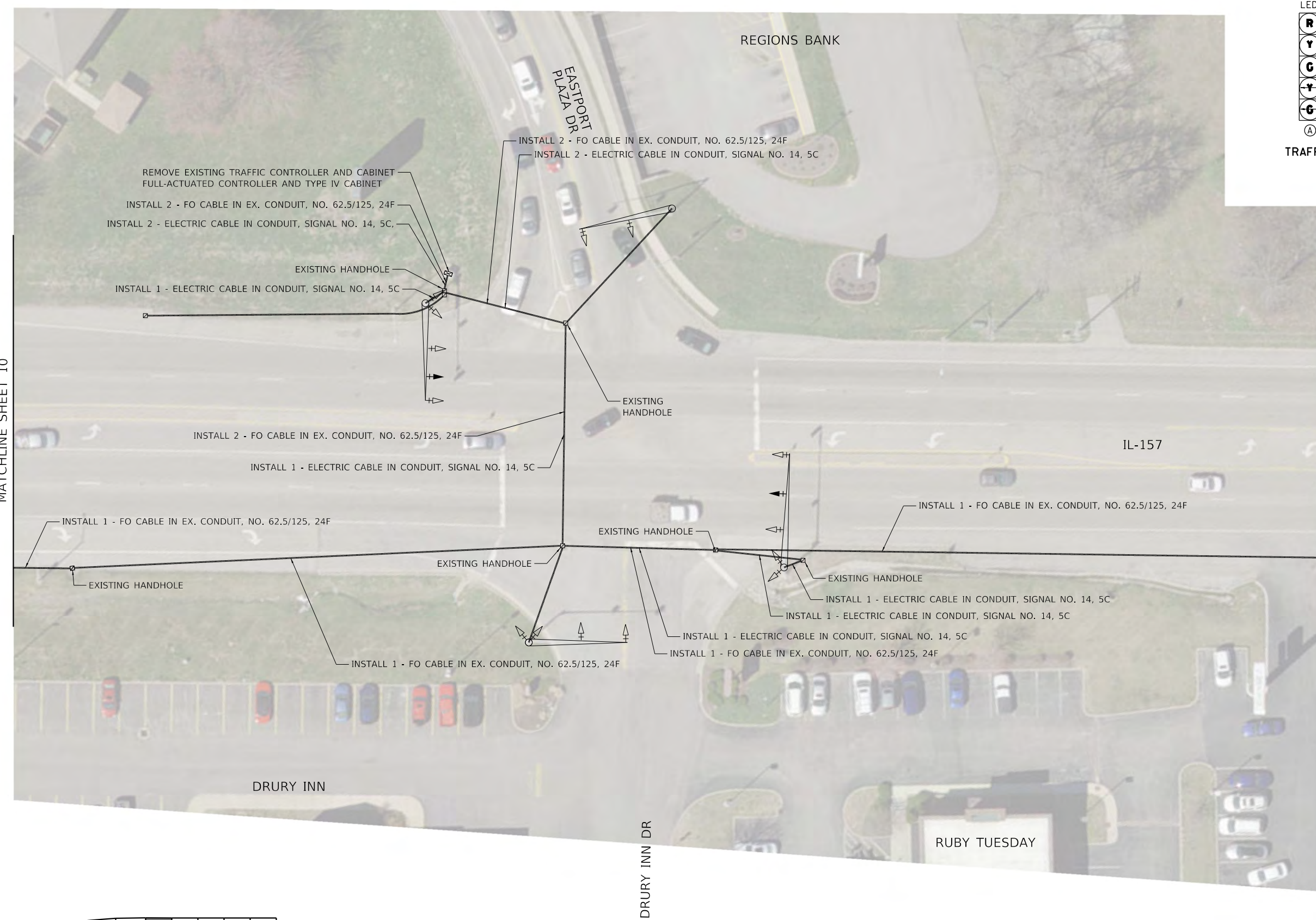
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL MODIFICATION PLAN			
SCALE: 1"=20'	SHEET 10 OF 15 SHEETS	STA. N/A TO STA. N/A	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	14
PPS 8-55541-0919			CONTRACT NO. 76N40	
ILLINOIS FED. AID PROJECT				

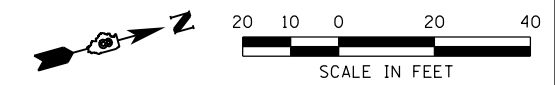
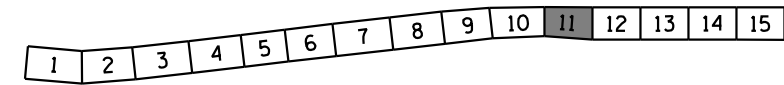


TRAFFIC SIGNAL FACES



MATCHLINE SHEET 10

MATCHLINE SHEET 12



MODEL: D:\p1\11775-ITS-1\11775-ITS-1.dgn
FILE NAME: C:\Users\bschm\OneDrive\Documents\11775-ITS-1.dgn

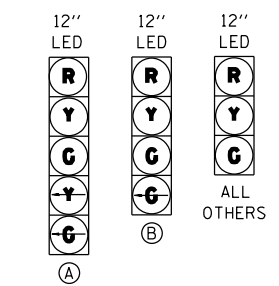


USER NAME = bschm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

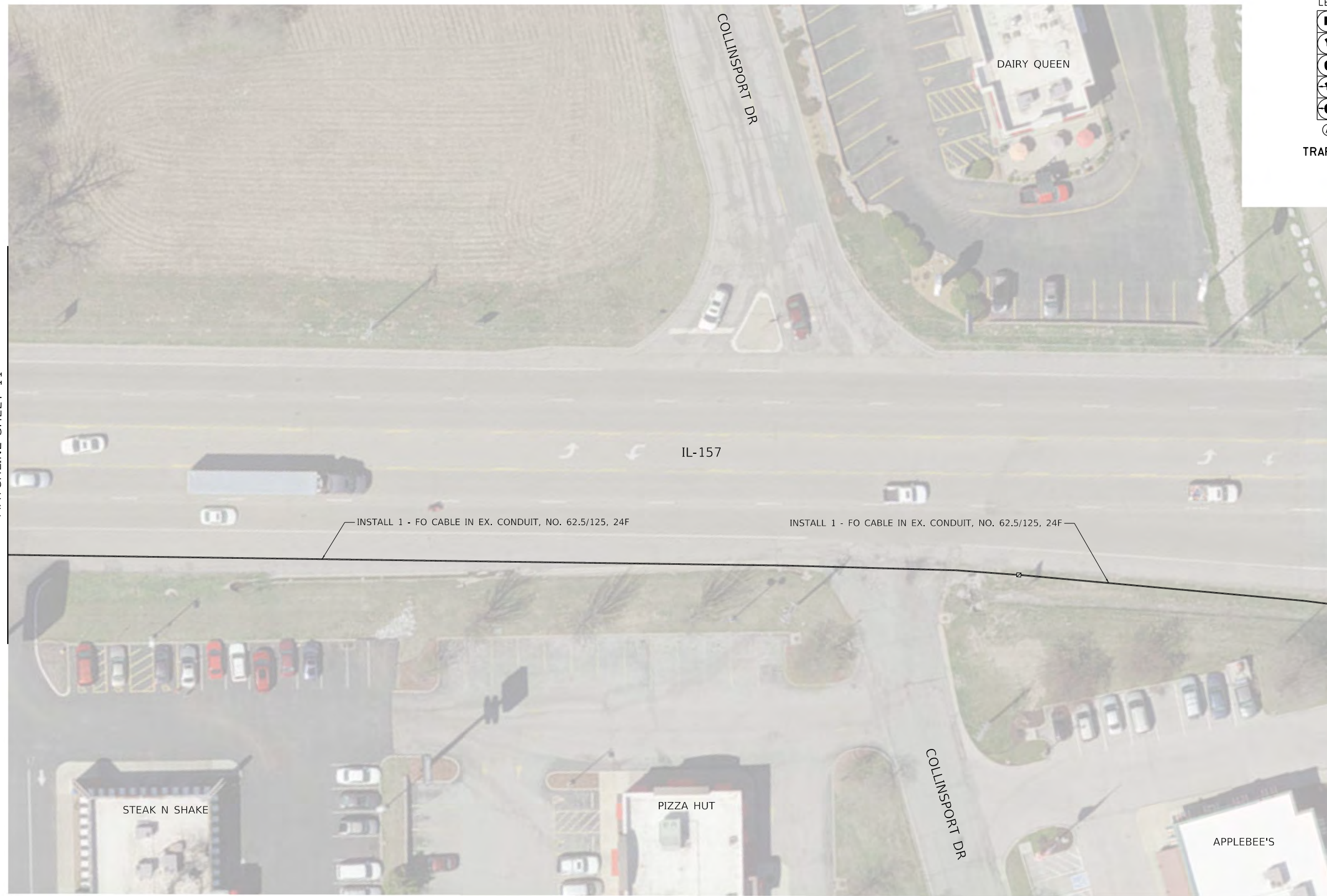
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL MODIFICATION PLAN			
SCALE: 1"=20'	SHEET 11 OF 15 SHEETS	STA. N/A TO STA. N/A	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	11775-ITS-1	MADISON	36	15
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				

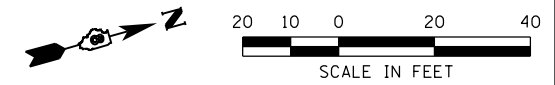
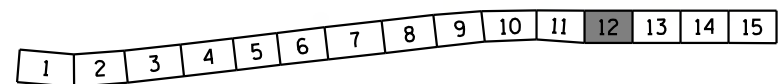


TRAFFIC SIGNAL FACES



MATCHLINE SHEET 11

MATCHLINE SHEET 13



MODEL: D:\p1\11775-ITS-1\11775-ITS-1.dgn
FILE NAME: C:\Users\bschm\Documents\11775-ITS-1\11775-ITS-1.dgn



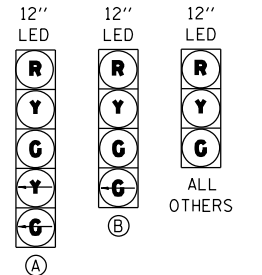
USER NAME = bschm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

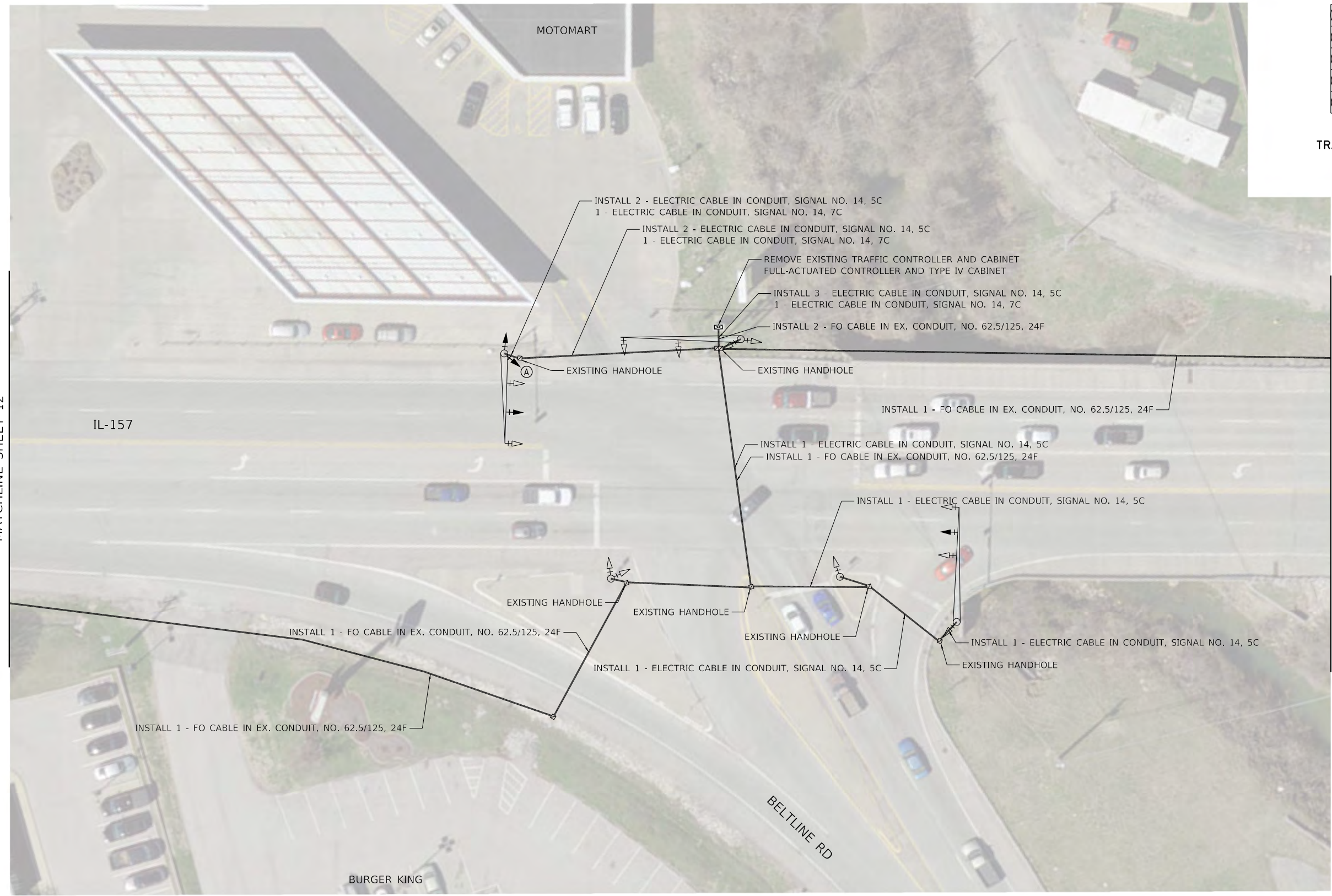
**TRAFFIC SIGNAL
MODIFICATION PLAN**

SCALE: 1"=20' SHEET 12 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	11775-ITS-1	MADISON	36	16
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				

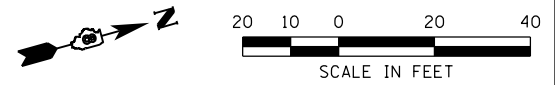
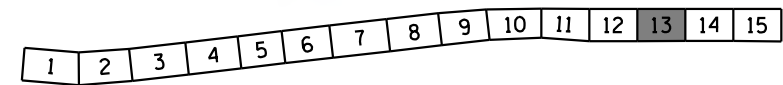


TRAFFIC SIGNAL FACES



MATCHLINE SHEET 12

MATCHLINE SHEET 14



MODEL: Default
FILE NAME: C:\Users\bschm\OneDrive\Documents\20181118_1366_PTB_189236_VARIOUS_P1_IL TRAFFIC DESIGN.DWG - FEI PRIME\W0-01\CADD\CADD Sheets\076140-11-13.dwg



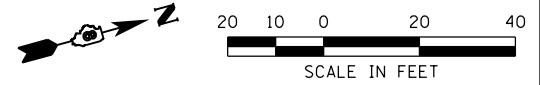
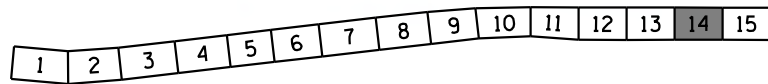
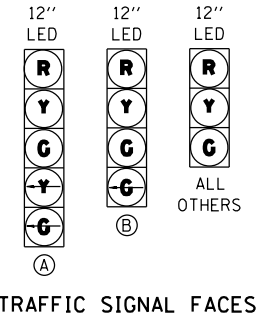
USER NAME = bschm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL
MODIFICATION PLAN**

SCALE: 1"=20' SHEET 13 OF 15 SHEETS STA. N/A TO STA. N/A

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	17
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



MODEL: D:\dgn\...
 FILE NAME: C:\Users\...
 MODEL: D:\dgn\...
 FILE NAME: C:\Users\...

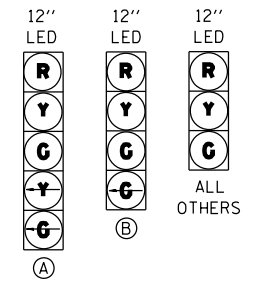


USER NAME = bschm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

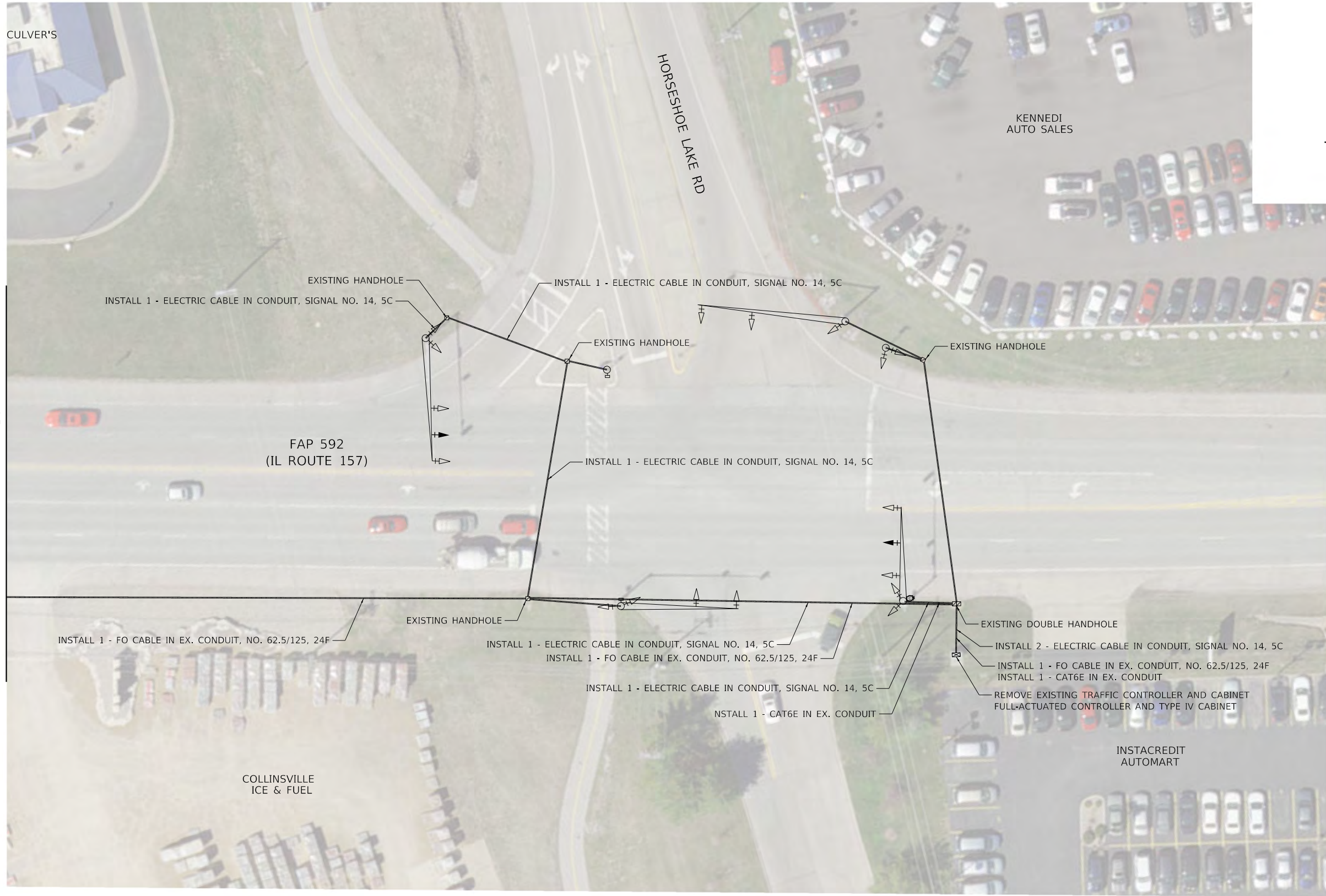
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN			
SCALE: 1"=20'	SHEET N/A	OF N/A SHEETS	STA. N/F TO STA. N/F

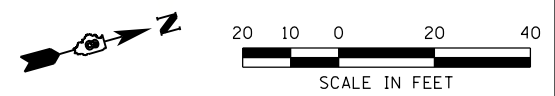
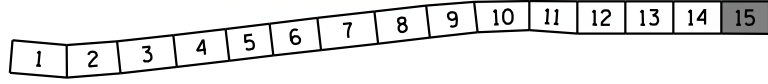
F.A.P. RTE. 592	SECTION 1177S-ITS-1	COUNTY MADISON	TOTAL SHEETS 36	SHEET NO. 18
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



TRAFFIC SIGNAL FACES



MATCHLINE SHEET 14



MODEL: D:\p1\11775-ITS-1\11775-ITS-1.dwg
FILE NAME: C:\Users\bschm\Documents\11775-ITS-1\11775-ITS-1.dwg
MODEL: D:\p1\11775-ITS-1\11775-ITS-1.dwg
FILE NAME: C:\Users\bschm\Documents\11775-ITS-1\11775-ITS-1.dwg



USER NAME = bschm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL
MODIFICATION PLAN**

SCALE: 1"=20' SHEET 15 OF 15 SHEETS STA. N/A TO STA. N/F

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	11775-ITS-1	MADISON	36	19
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- - - EXISTING ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- EXISTING SERVICE INSTALLATION
- EXISTING ILLUMINATED SIGN
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)

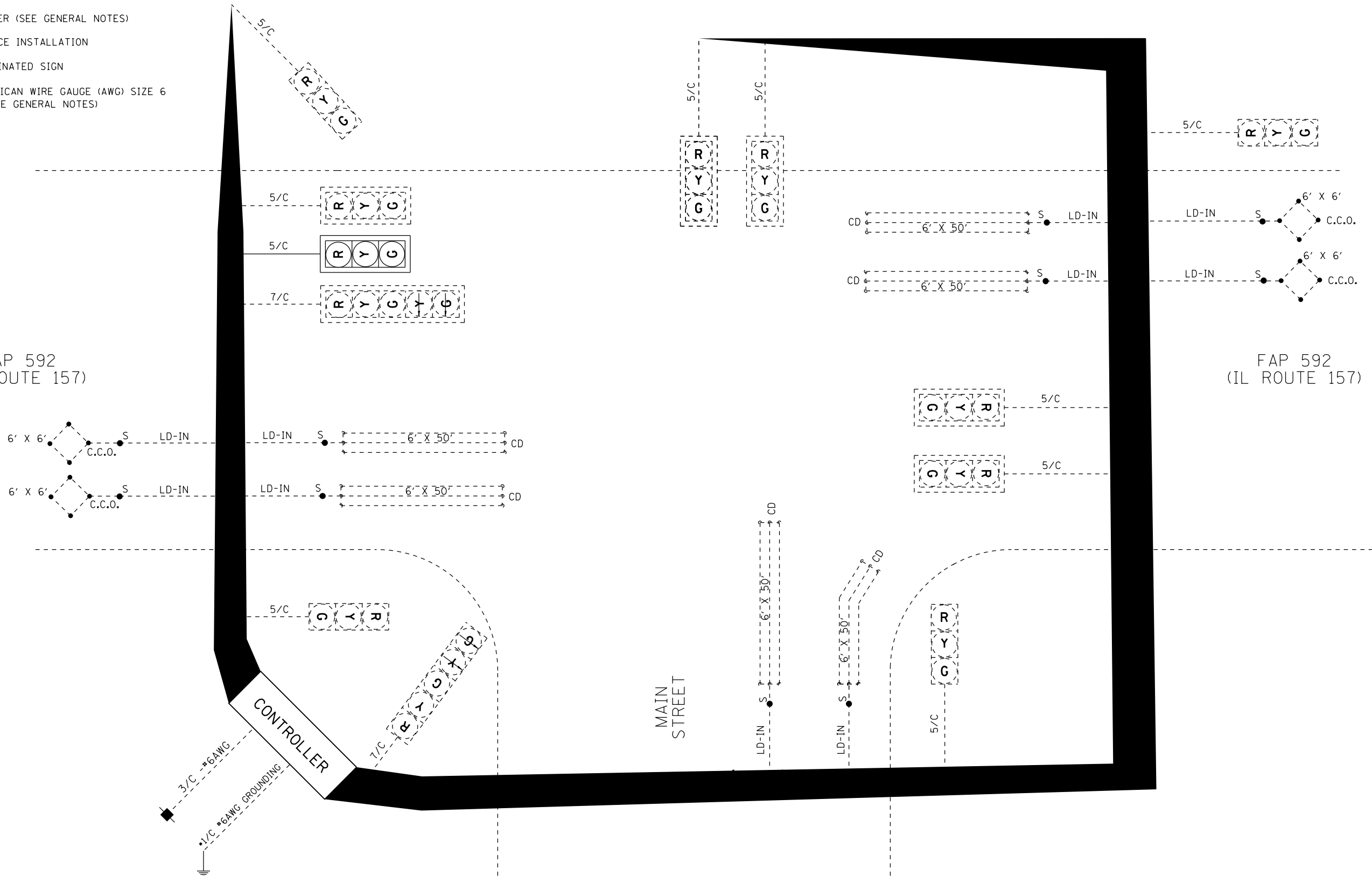


FAP 592
(IL ROUTE 157)

FAP 592
(IL ROUTE 157)

MAIN STREET

CONTROLLER



MODEL: D:\p4\11...
 FILE NAME: C:\E\11...
 MODEL: D:\p4\11...
 FILE NAME: C:\E\11...



USER NAME = bschm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CABLE DIAGRAM			
FAP 592 (IL ROUTE 157) & MAIN			
SCALE: N.T.S.	SHEET 1	OF 8 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	20
PPS 8-55541-0919			CONTRACT NO. 76N40	
ILLINOIS FED. AID PROJECT				

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- EXISTING ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- EXISTING SERVICE INSTALLATION
- EXISTING ILLUMINATED SIGN
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)

SOUTH MALL
ENTRANCE

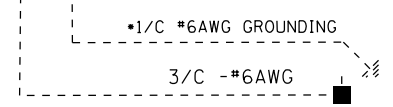
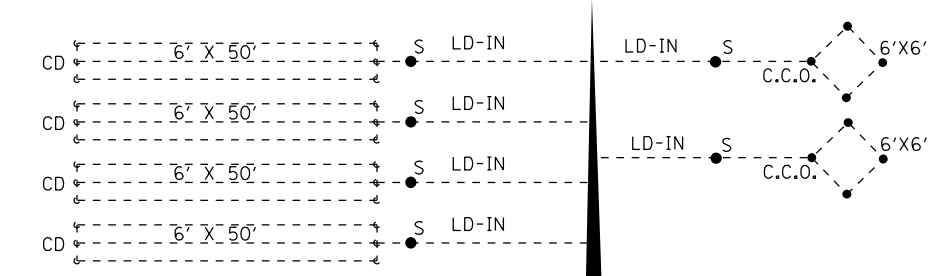
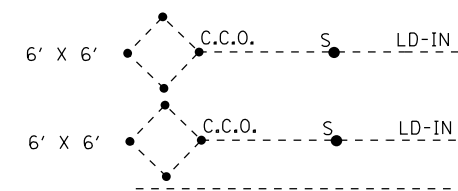
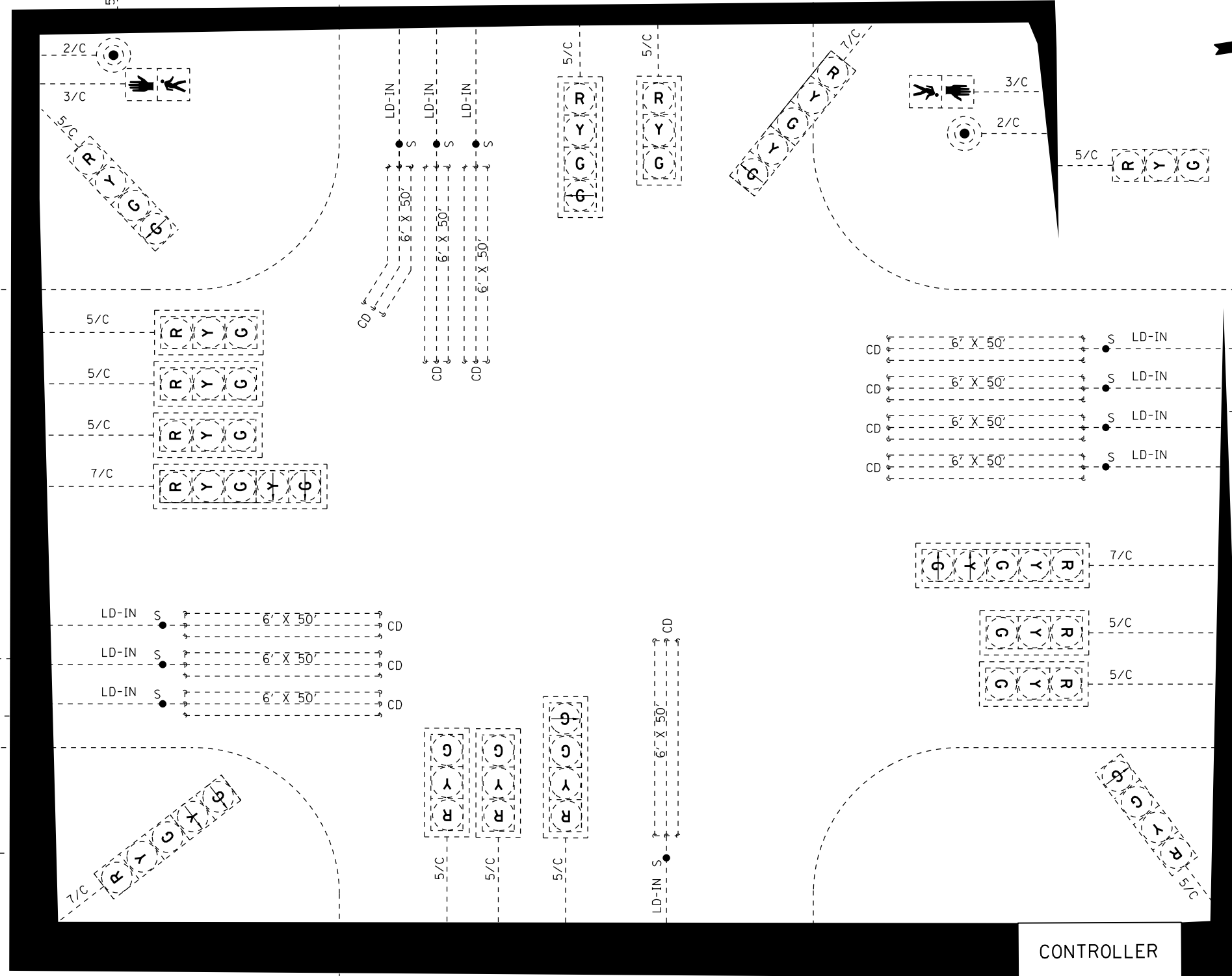


FAP 592
(IL ROUTE 157)

FAP 592
(IL ROUTE 157)

CONTROLLER

BEVERLY LN



MODEL: D:\p1\... FILE NAME: C:\EIT\B51_2018\118-1366_PTB_189236_VARIOUS_PLI_IL TRAFFIC DESIGN DB - FEI PRIME\W0-01\CADD\CADD Sheets\076\H40-Sheet17.dgn



USER NAME = bschm	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 9/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CABLE DIAGRAM	
FAP 592 & SOUTH MALL & ENTRANCE/BEVERLY	
SCALE: N.T.S.	SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.P. RTE. 592	SECTION 11775-ITS-1	COUNTY MADISON	TOTAL SHEETS 36	SHEET NO. 21
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				

CABLE DIAGRAM LEGEND

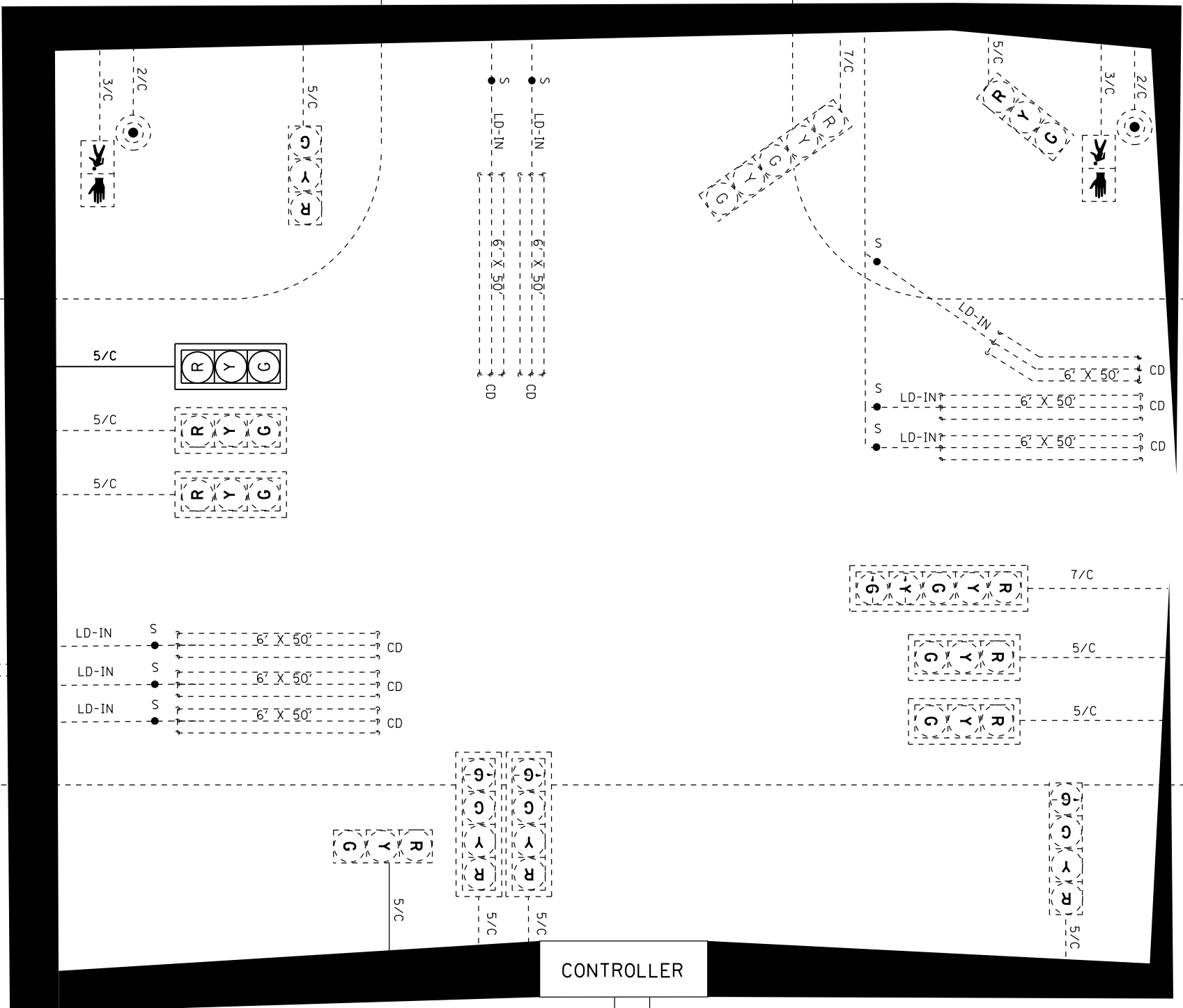
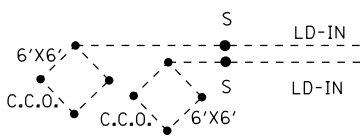
- ELECTRIC CABLE IN CONDUIT
- - - EXISTING ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- EXISTING SERVICE INSTALLATION
- EXISTING ILLUMINATED SIGN
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)

COLLINSVILLE
CROSSING



FAP 592
(IL ROUTE 157)

FAP 592
(IL ROUTE 157)



MODEL: D:\m4\11...
 FILE NAME: C:\EIT\B5\2018\18-1366.PTB - FET PRIME\W0-01\CADD\CADD_Sheets\0776\H4D-Sht-13.dgn



USER NAME = bschm	DESIGNED -	REVISED -
PLOT SCALE = 41.7771 ' / in.	DRAWN -	REVISED -
PLOT DATE = 9/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

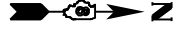
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE DIAGRAM			
FAP 592 & COLLINSVILLE CROSSING			
SCALE: N.T.S.	SHEET 3	OF 8 SHEETS	STA. TO STA.

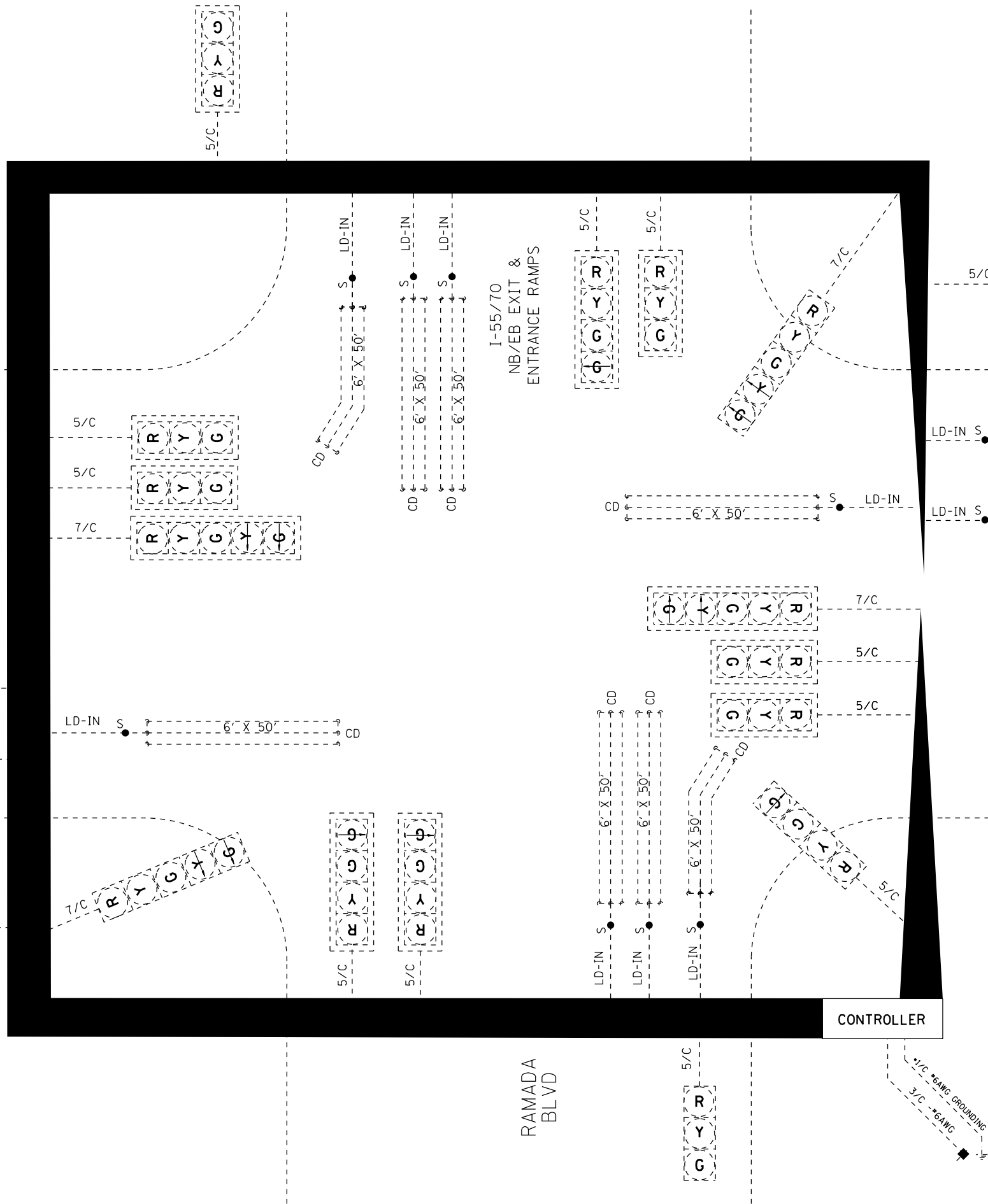
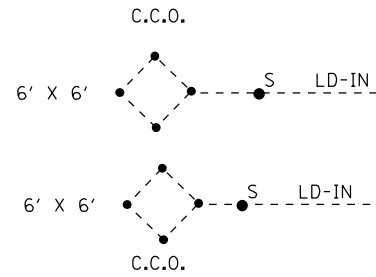
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	22
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- - - - - EXISTING ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- ⌐ EXISTING SERVICE INSTALLATION
- EXISTING ILLUMINATED SIGN
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)



FAP 592
(IL ROUTE 157)



FAP 592
(IL ROUTE 157)



USER NAME = bschm
 DRAWN -
 CHECKED -
 DATE -

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CABLE DIAGRAM
 FAP 592 (IL ROUTE 157) & IL-50/70 NBSB**

SCALE: N.T.S. SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	23
PPS 8-55541-0919			CONTRACT NO. 76N40	
ILLINOIS FED. AID PROJECT				

MODEL: D:\46411... FILE NAME: C:\E:\BBS\2018\18-1366.PTB_189-26_VARIOUS.PLT TRAFFIC DESIGN DB - FEI PRIME\W\0-1\CADD\CADD_Sheets\076H40-IT-13.dgn

CABLE DIAGRAM LEGEND

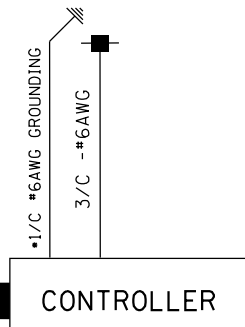
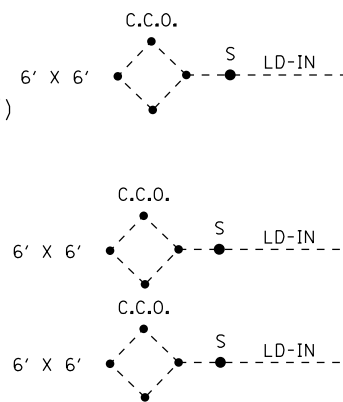
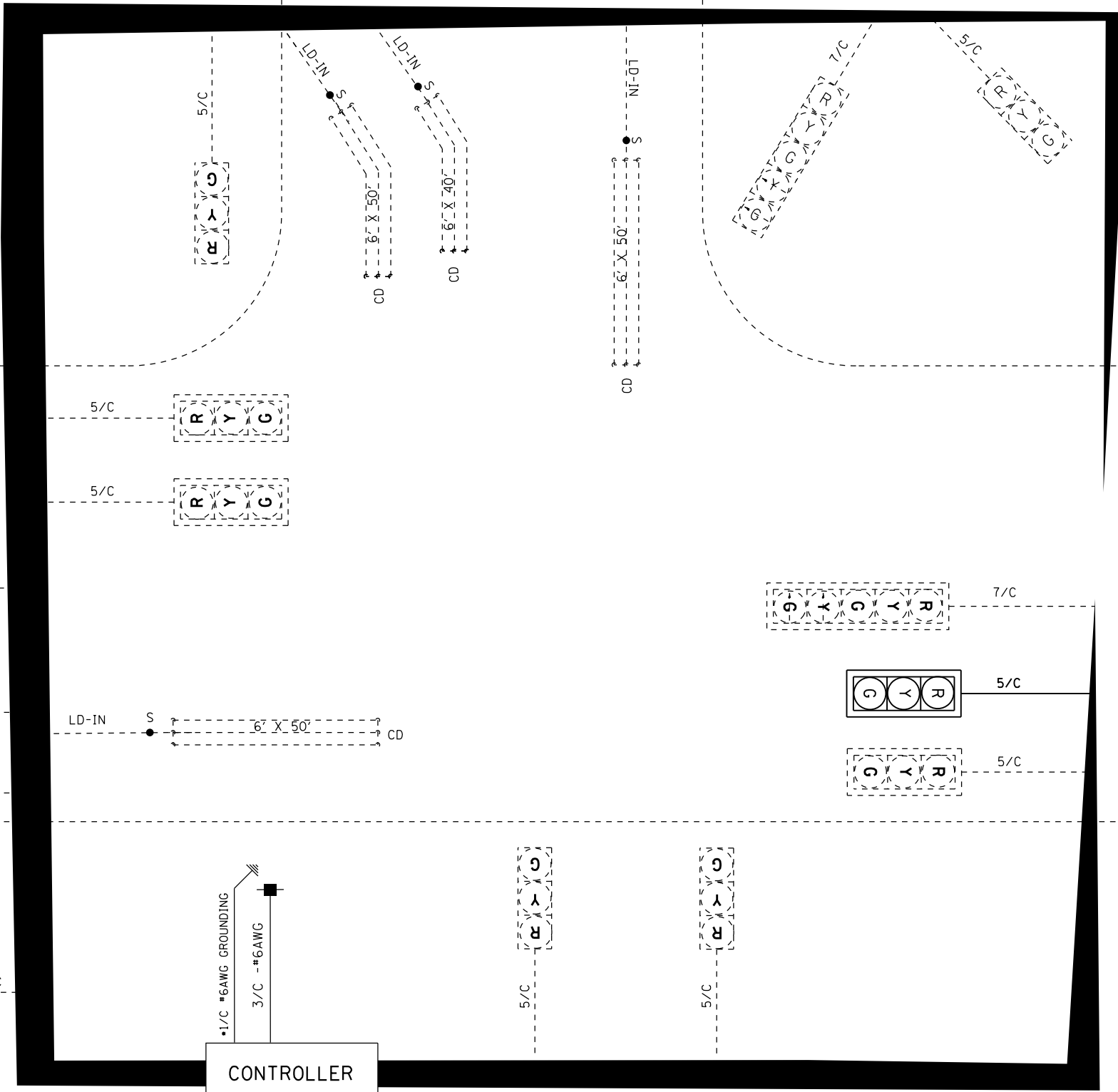
- ELECTRIC CABLE IN CONDUIT
- EXISTING ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- EXISTING SERVICE INSTALLATION
- EXISTING ILLUMINATED SIGN
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)

I-55/70
SB/WB EXIT &
ENTRANCE RAMP



FAP 592
(IL ROUTE 157)

FAP 592
(IL ROUTE 157)



MODEL: D:\m\h\...
 FILE NAME: C:\E\B5\2018\18-1366.PTB - FET PRIME\W\0-01\CADD\CADD_Sheets\076\H40-514-20.dgn



USER NAME = bschm	DESIGNED -	REVISED -
PLOT SCALE = 41.7771 ' / in.	DRAWN -	REVISED -
PLOT DATE = 9/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

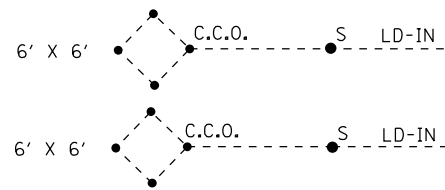
**CABLE DIAGRAM
FAP 592 (IL ROUTE 157) & 55/70**

SCALE: N.T.S. SHEET 5 OF 8 SHEETS STA. TO STA.

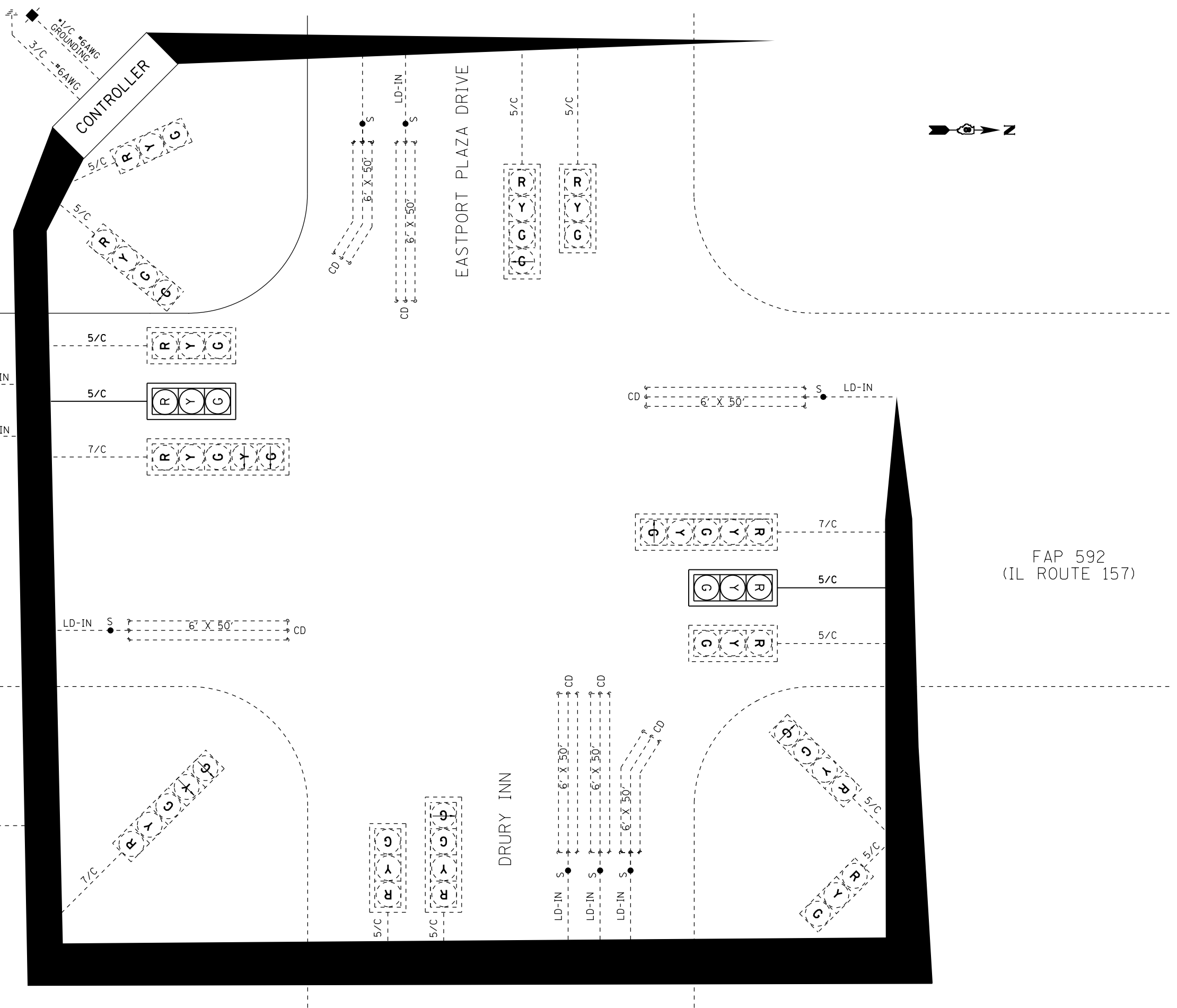
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	24
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- - - EXISTING ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- EXISTING SERVICE INSTALLATION
- EXISTING ILLUMINATED SIGN
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)



FAP 592
(IL ROUTE 157)



FAP 592
(IL ROUTE 157)

MODEL: D:\d4\11...
 FILE NAME: C:\Users\...
 FEI PRIME\W0-01\CADD\CADD_Sheets\076440-51421.dgn



USER NAME = bschm	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 9/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CABLE DIAGRAM			
FAP 592 (IL ROUTE 157) & EASTPORT PLAZA DRIVE			
SCALE: N.T.S.	SHEET 6	OF 8 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	25
PPS 8-55541-0919			CONTRACT NO. 76N40	
ILLINOIS FED. AID PROJECT				

CABLE DIAGRAM LEGEND

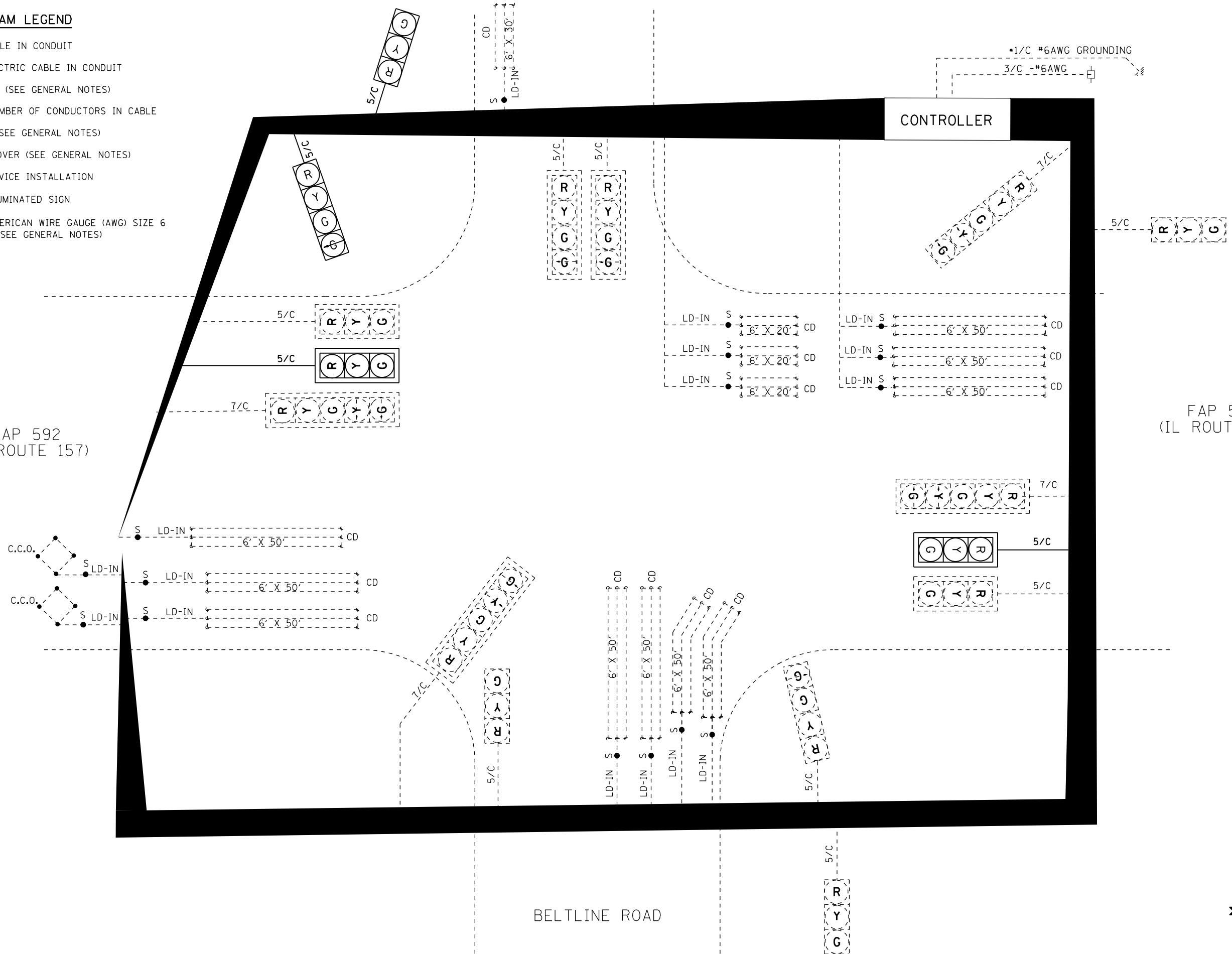
- ELECTRIC CABLE IN CONDUIT
- - - EXISTING ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- EXISTING SERVICE INSTALLATION
- EXISTING ILLUMINATED SIGN
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)

FAP 592
(IL ROUTE 157)

FAP 592
(IL ROUTE 157)

BELTLINE ROAD

CONTROLLER



MODEL: D:\p4\11...
 FILE NAME: C:\E\11...
 FEI PRIME\W\0-11\CADD\CADD_Sheets\0776\H40-Sht-422.dgn



USER NAME = bschm	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 "/td> <td>DRAWN -</td> <td>REVISED -</td>	DRAWN -	REVISED -
PLOT DATE = 9/18/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE DIAGRAM
FAP 592 (IL ROUTE 157) & BELTLINE ROAD**

SCALE: N.T.S. SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	26
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				

CABLE DIAGRAM LEGEND

- ELECTRIC CABLE IN CONDUIT
- - - EXISTING ELECTRIC CABLE IN CONDUIT
- S CABLE SPLICE (SEE GENERAL NOTES)
- 2/C INDICATES NUMBER OF CONDUCTORS IN CABLE
- CD CALL DELAY (SEE GENERAL NOTES)
- CCO CALL CARRY OVER (SEE GENERAL NOTES)
- EXISTING SERVICE INSTALLATION
- EXISTING ILLUMINATED SIGN
- #6 INDICATES AMERICAN WIRE GAUGE (AWG) SIZE 6 CONDUCTORS (SEE GENERAL NOTES)



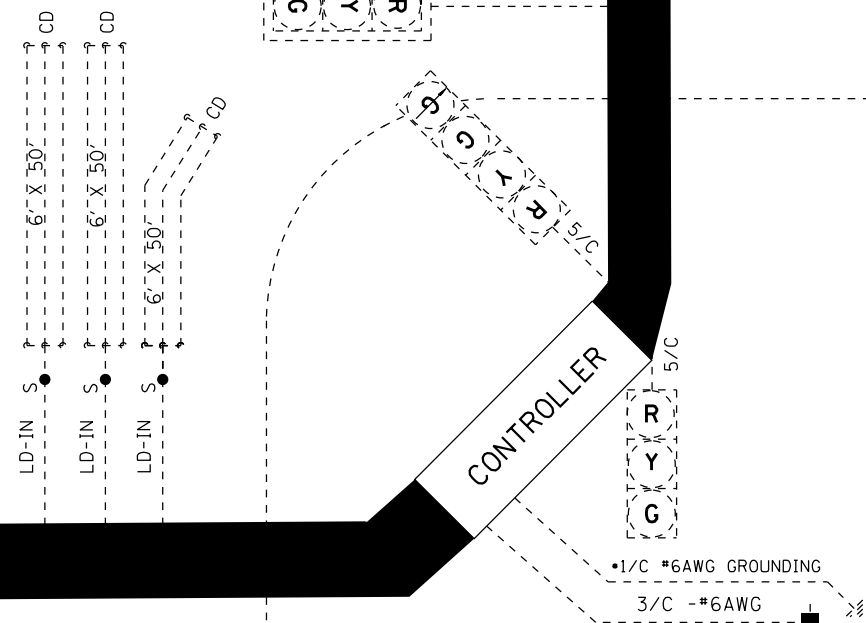
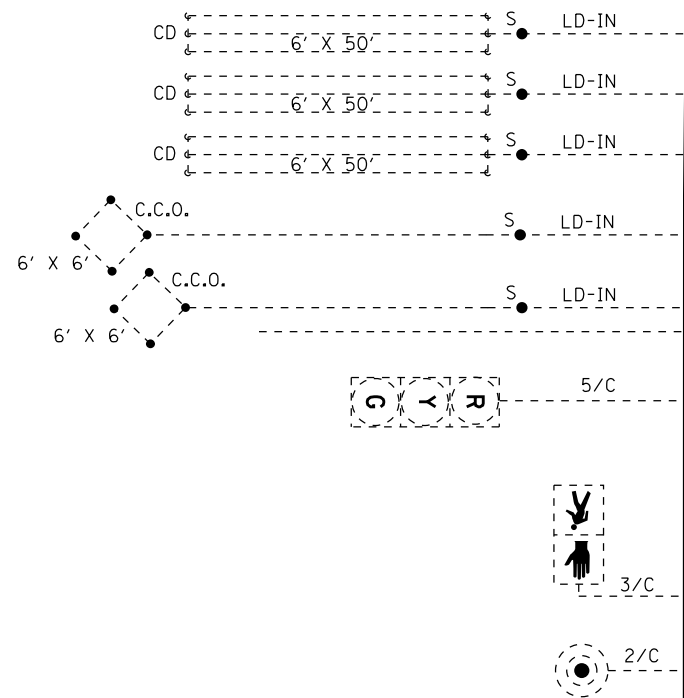
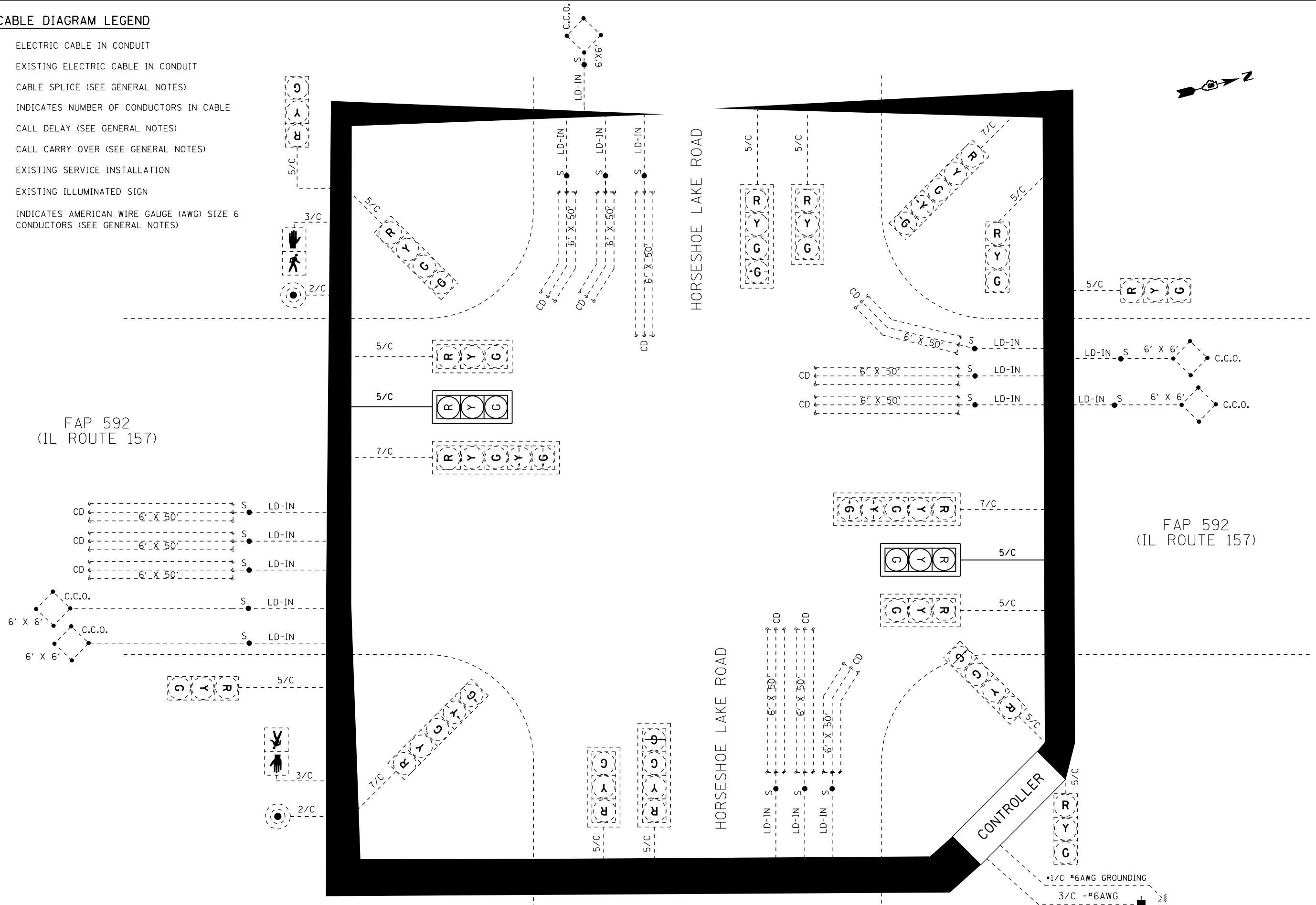
FAP 592
(IL ROUTE 157)

FAP 592
(IL ROUTE 157)

HORSESHOE LAKE ROAD

HORSESHOE LAKE ROAD

CONTROLLER



MODEL: D:\p4\11...
 FILE NAME: C:\EIT\B05_2018\18-1366_PTB_189-26_VARIOUS_PLI_IL TRAFFIC DESIGN DB - FEI PRIME\W\0-01\CADD\CADD Sheets\076440-5ht-123.dgn



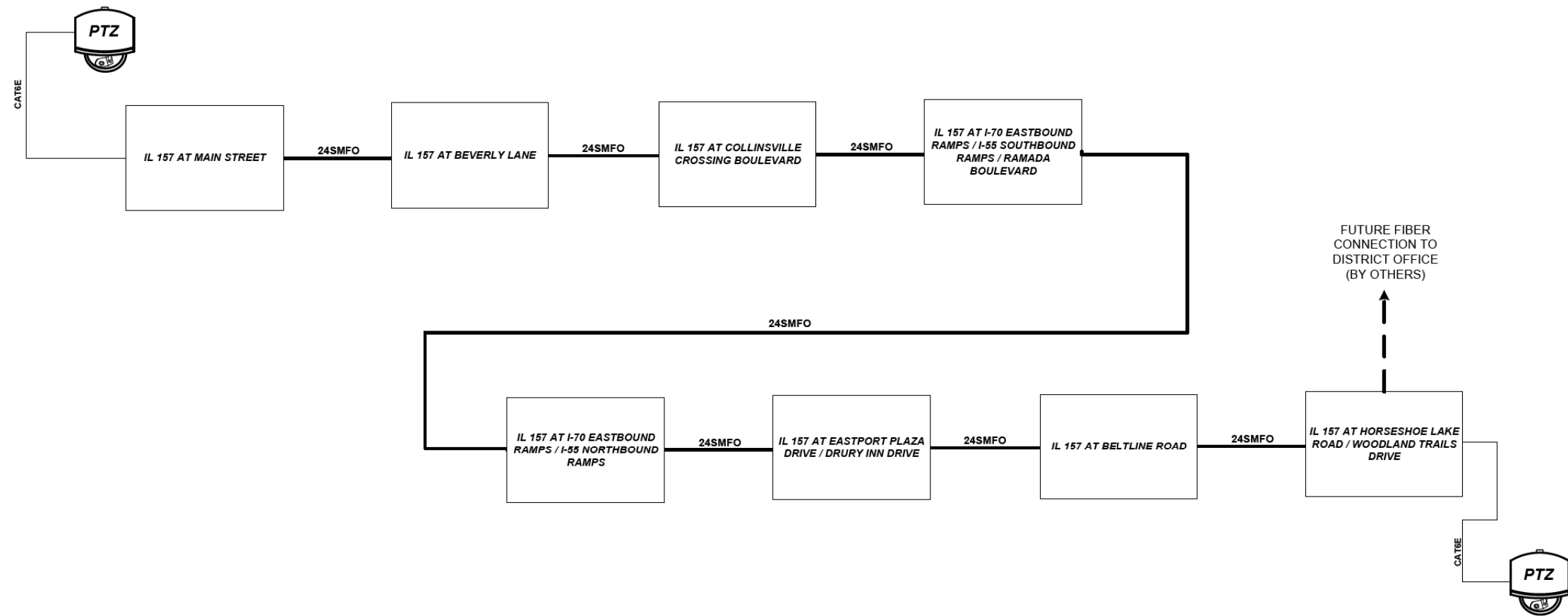
USER NAME = bschm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/18/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CABLE DIAGRAM
FAP 592 (IL ROUTE 157) & HORSESHOE LAKE ROAD**

SCALE: N.T.S. SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	27
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



CONNECTION OVERVIEW

IL 157
MAIN STREET TO
HORSESHOE LAKE ROAD

NOTE:
1) DASHED LINES INDICATE EXISTING EQUIPMENT OR CABLING.
2) ALL FIBER SPLICES ARE NOT SHOWN. SEE DETAIL COMMUNICATION DIAGRAMS.

MODEL: Default
FILE: MainC:_Production\Files\130184\18-0022\Photos\Draft: Final_Communication_Sheets\130184\0-sh-14-28.dwg

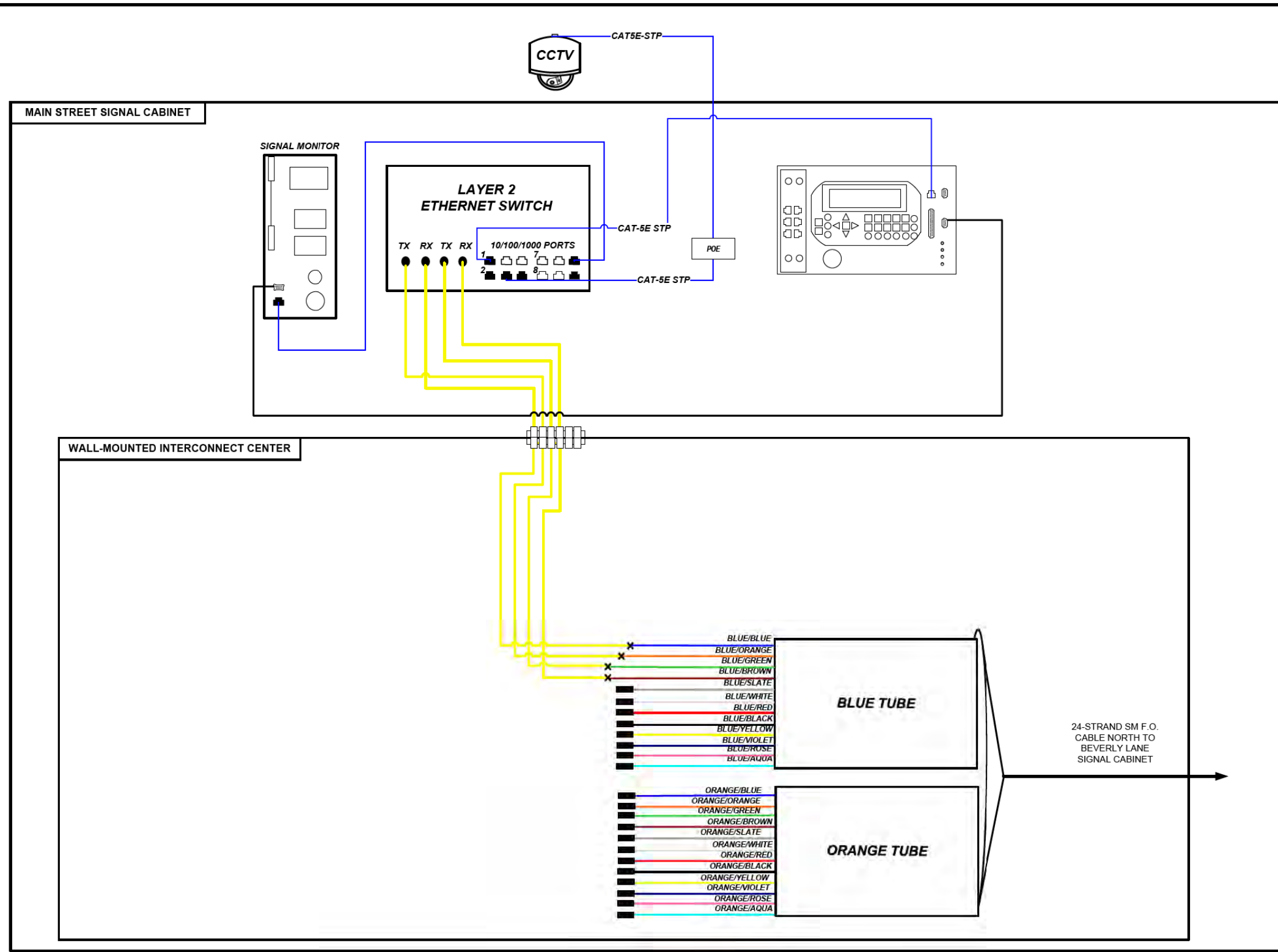


USER NAME = CWilcox	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 8/19/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

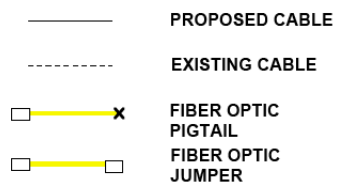
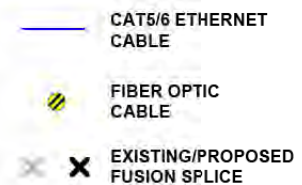
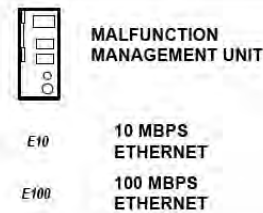
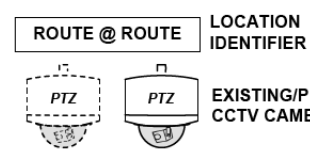
TRAFFIC SIGNAL MODIFICATION PLAN			
SCALE: 1"=20'	SHEET N/A	OF N/A SHEETS	STA. N/F TO STA. N/F

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	117TS-ITS-1	MADISON	36	28
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



NOTES

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES DENOTE EXISTING CABLES, DEVICES, OR ENCLOSURES.



NOT TO SCALE

MODEL: Default
 FILE: MainC_2020ProductionFiles\13018418-0022\Production\Draft: Final_Communication_Sheets\0876N40-sheet-4-29.dgn

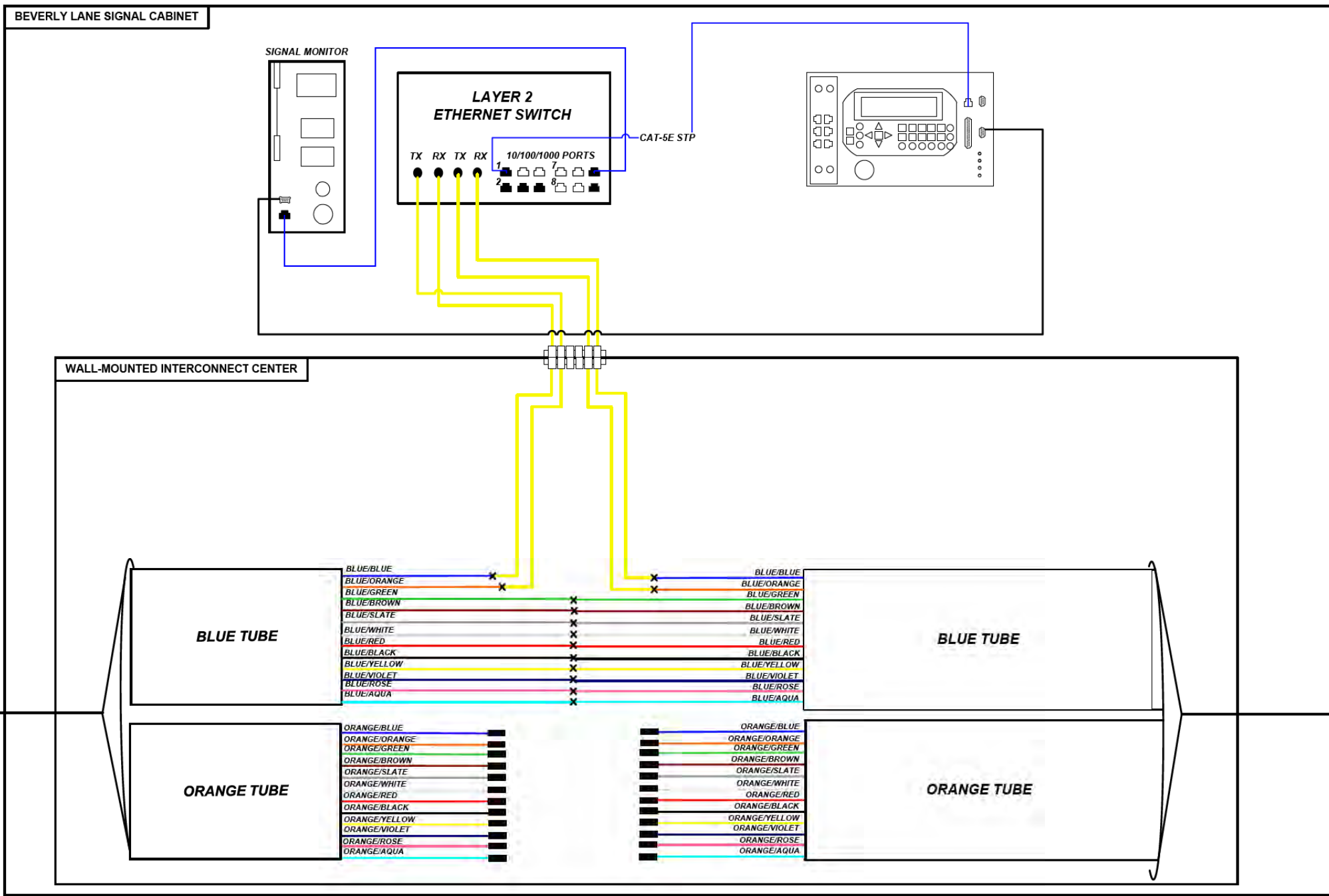


USER NAME = CWilcox	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 8/19/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL MODIFICATION PLAN			
SCALE: 1"=20'	SHEET N/A OF N/A SHEETS	STA. N/F TO STA. N/F	

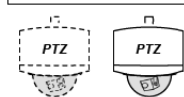
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	29
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



NOTES

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES DENOTE EXISTING CABLES, DEVICES, OR ENCLOSURES.

ROUTE @ ROUTE LOCATION IDENTIFIER



EXISTING/PROPOSED CCTV CAMERA



EXISTING/PROPOSED LAYER 2 SWITCH



EXISTING/PROPOSED TRAFFIC SIGNAL CONTROLLER



MALFUNCTION MANAGEMENT UNIT

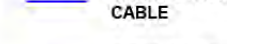
E10

10 MBPS ETHERNET

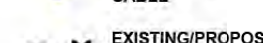
E100

100 MBPS ETHERNET

CAT5/6 ETHERNET CABLE



FIBER OPTIC CABLE



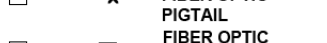
EXISTING/PROPOSED FUSION SPLICE



PROPOSED CABLE



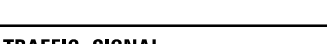
EXISTING CABLE



FIBER OPTIC PIGTAIL



FIBER OPTIC JUMPER



NOT TO SCALE

MODEL: Default; FILE: 11775-ITS-1; 2022-08-19 10:02:22; Project: Draft; Email: Communication_Sheets; Sheet: 036N40; sht-43; 20.dgn



USER NAME = CWilcox
 DESIGNED -
 DRAWN -
 PLOT SCALE = 40.0000 ' / in.
 CHECKED -
 PLOT DATE = 8/19/2020
 DATE -

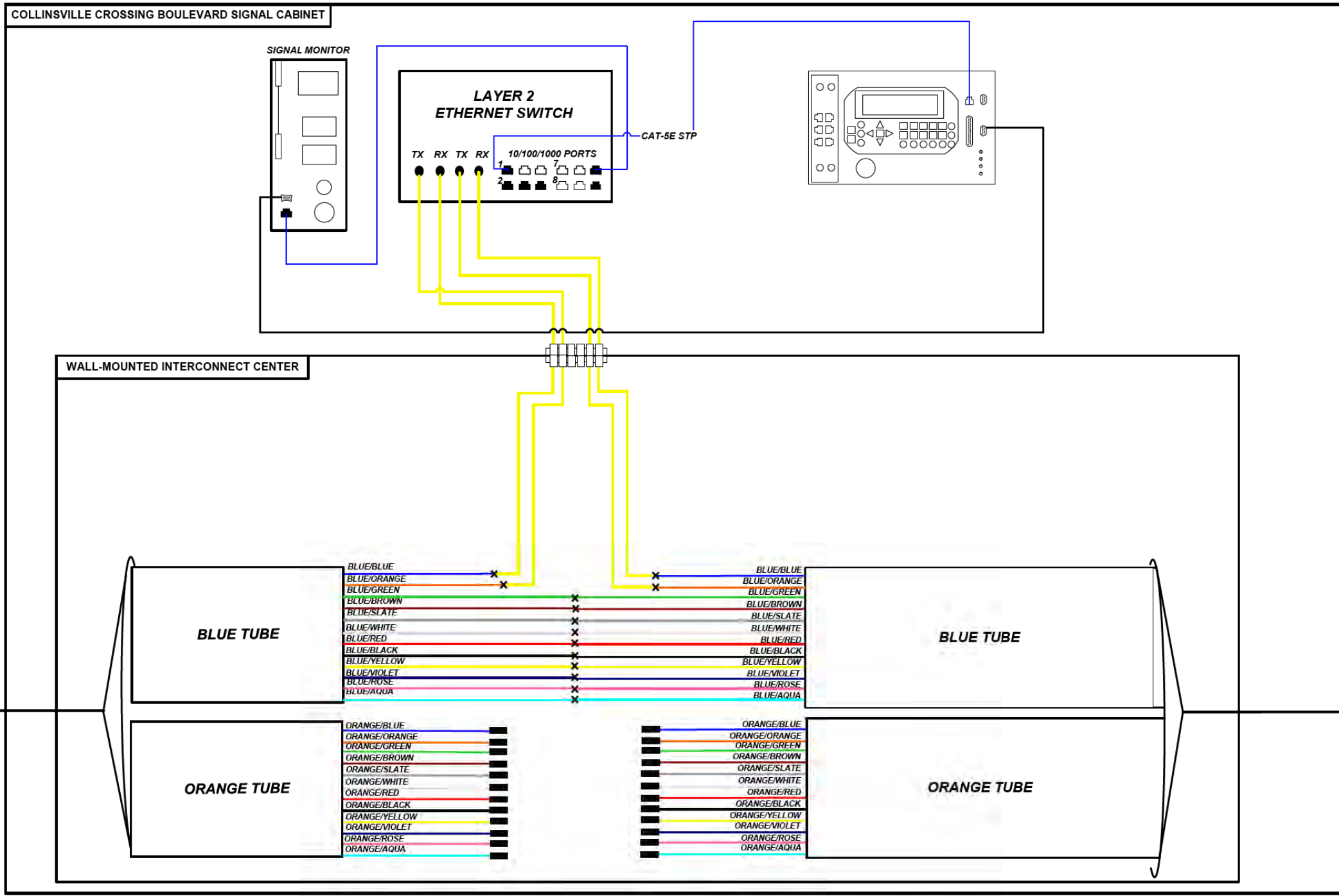
DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL
 MODIFICATION PLAN**
 SCALE: 1"=20' SHEET N/A OF N/A SHEETS STA. N/F TO STA. N/F

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	11775-ITS-1	MADISON	36	30
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



NOTES

- 1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
- 2. NO INTERMEDIATE SPLICES ALLOWED
- 3. ALL SPLICES SHALL BE FUSION SPLICES
- 4. DASHED LINES DENOTE EXISTING CABLES, DEVICES, OR ENCLOSURES.

ROUTE @ ROUTE EXISTING/PROPOSED CCTV CAMERA	EXISTING/PROPOSED LAYER 2 SWITCH EXISTING/PROPOSED TRAFFIC SIGNAL CONTROLLER	MALFUNCTION MANAGEMENT UNIT E10 10 MBPS ETHERNET E100 100 MBPS ETHERNET	CAT5/6 ETHERNET CABLE FIBER OPTIC CABLE EXISTING/PROPOSED FUSION SPLICE	PROPOSED CABLE EXISTING CABLE FIBER OPTIC PIGTAIL FIBER OPTIC JUMPER
--	---	--	--	---

NOT TO SCALE

MODEL: Default FILE: 11/18/2022 11:18:00 AM Production/Files/11/18/2022/Production/Draws: Final_Communication_Sheets/11/18/2022/11/18/2022_sht-431.dwg



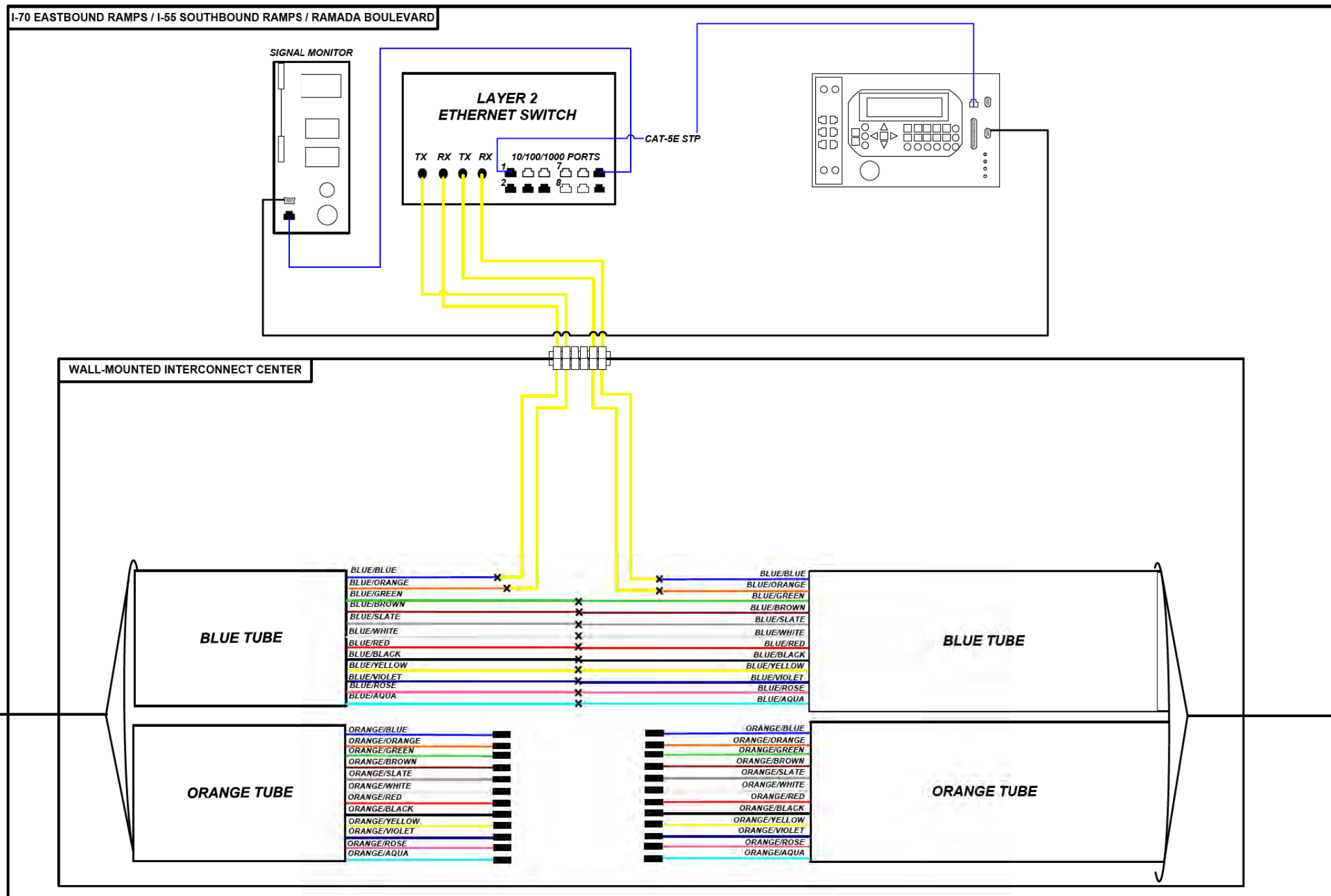
USER NAME = CWilcox	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 8/19/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODIFICATION PLAN

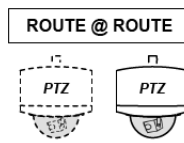
SCALE: 1"=20' SHEET N/A OF N/A SHEETS STA. N/F TO STA. N/F

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	31
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



NOTES

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES DENOTE EXISTING CABLES, DEVICES, OR ENCLOSURES.



LOCATION IDENTIFIER

EXISTING/PROPOSED CCTV CAMERA



EXISTING/PROPOSED LAYER 2 SWITCH

EXISTING/PROPOSED TRAFFIC SIGNAL CONTROLLER



MISCELLANEOUS MANAGEMENT UNIT

E10

10 MBPS ETHERNET

E100

100 MBPS ETHERNET

CAT5/6 ETHERNET CABLE

FIBER OPTIC CABLE

EXISTING/PROPOSED FUSION SPLICE

PROPOSED CABLE

EXISTING CABLE

FIBER OPTIC PIGTAIL

FIBER OPTIC JUMPER

NOT TO SCALE

MODEL: Default; FILE: 11/18/2022; ProductionFiles\13018418-0022\Photos\Draft: Final_Communication_Sheets\13018418-0022.dwg



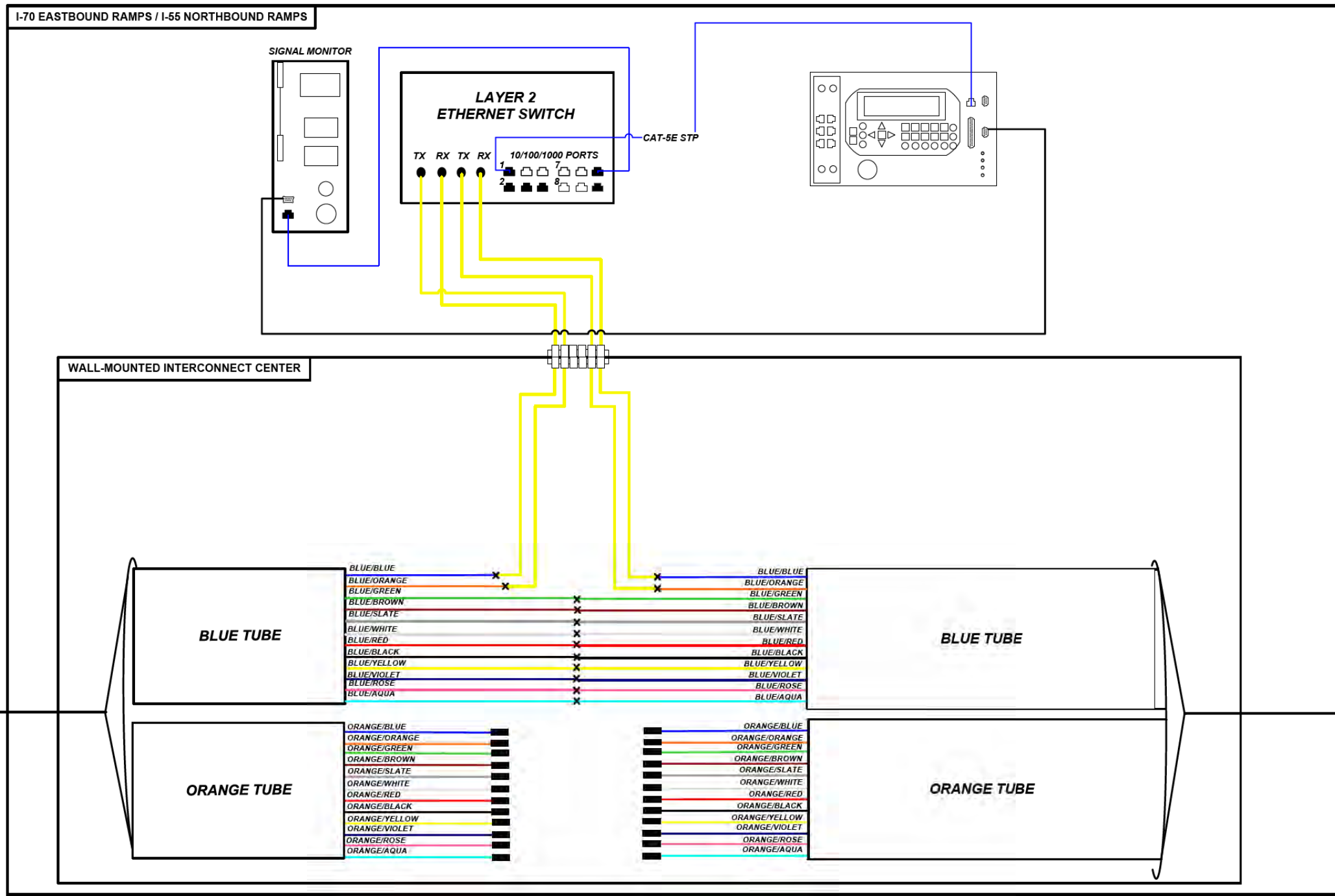
USER NAME = CWilcox	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 8/19/2020	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL
MODIFICATION PLAN

SCALE: 1"=20' SHEET N/A OF N/A SHEETS STA. N/F TO STA. N/F

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	1177S-ITS-1	MADISON	36	32
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



NOTES

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES DENOTE EXISTING CABLES, DEVICES, OR ENCLOSURES.

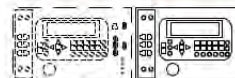
ROUTE @ ROUTE LOCATION IDENTIFIER



LAYER 2 EXISTING/PROPOSED LAYER 2 SWITCH



E10 EXISTING/PROPOSED TRAFFIC SIGNAL CONTROLLER



E10 MALFUNCTION MANAGEMENT UNIT

E100 10 MBPS ETHERNET
E100 100 MBPS ETHERNET

CAT5/6 ETHERNET CABLE

FIBER OPTIC CABLE

EXISTING/PROPOSED FUSION SPLICE

PROPOSED CABLE

EXISTING CABLE

FIBER OPTIC PIGTAIL

FIBER OPTIC JUMPER

NOT TO SCALE

MODEL: Default
 FILE: A:\MISC_2022\Production\Files\3018418_2022\Photos\Draft: Final_Communication_Sheets\0876N40-sheet-33.dgn



USER NAME = CWilcox
 DESIGNED -
 DRAWN -
 PLOT SCALE = 40,0000 ' / in.
 PLOT DATE = 8/19/2020

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

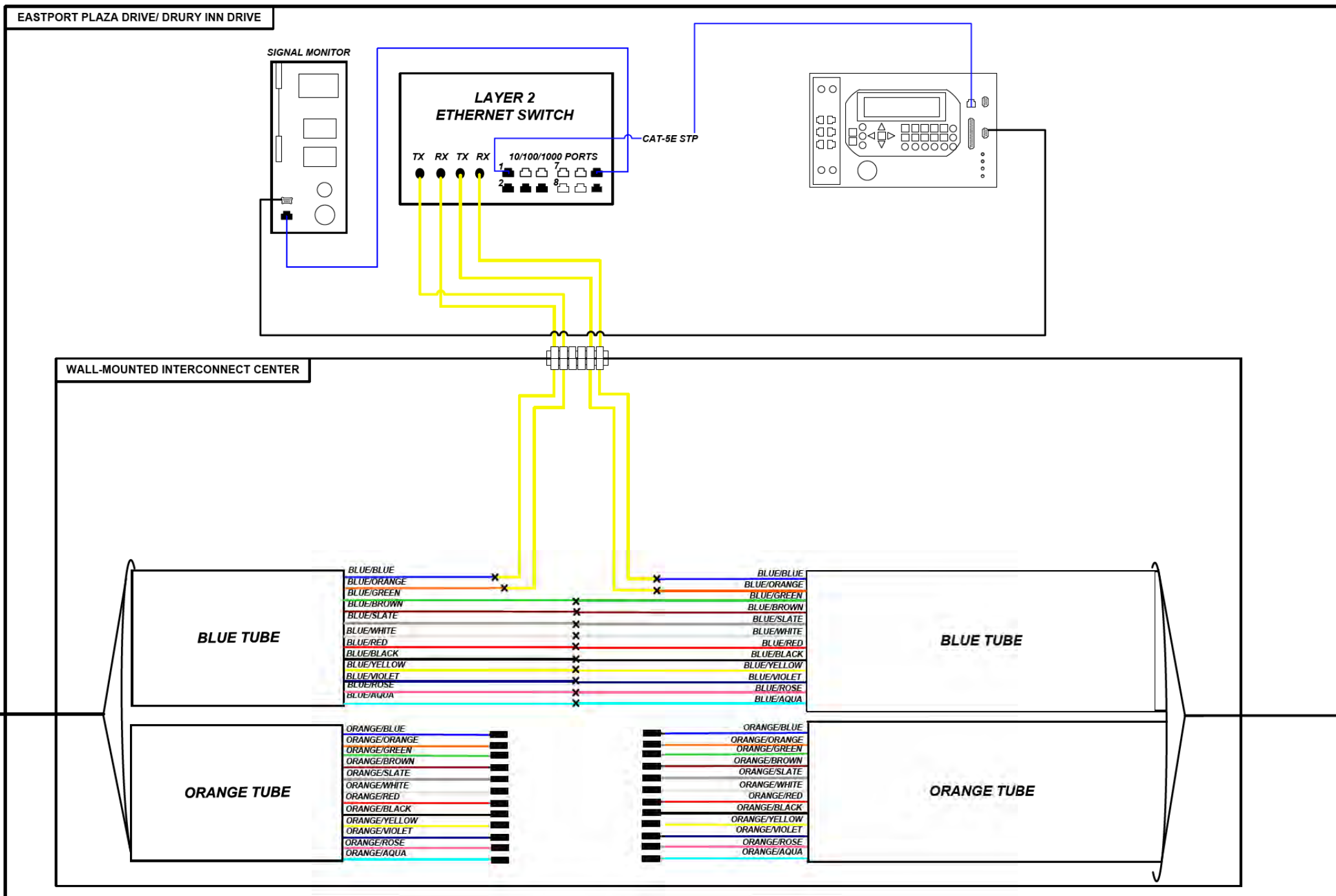
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL
MODIFICATION PLAN**

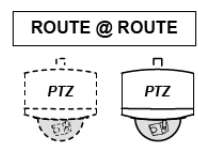
SCALE: 1"=20' SHEET N/A OF N/A SHEETS STA. N/F TO STA. N/F

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	117TS-ITS-1	MADISON	36	33
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



NOTES

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES DENOTE EXISTING CABLES, DEVICES, OR ENCLOSURES.

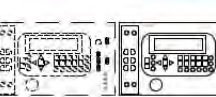


LOCATION IDENTIFIER

EXISTING/PROPOSED CCTV CAMERA



EXISTING/PROPOSED LAYER 2 SWITCH



EXISTING/PROPOSED TRAFFIC SIGNAL CONTROLLER



MALFUNCTION MANAGEMENT UNIT

E10

10 MBPS ETHERNET

E100

100 MBPS ETHERNET

CAT5/6 ETHERNET CABLE

FIBER OPTIC CABLE

EXISTING/PROPOSED FUSION SPLICE

PROPOSED CABLE

EXISTING CABLE

FIBER OPTIC PIGTAIL

FIBER OPTIC JUMPER

NOT TO SCALE

MODEL: Default; FILE: 11775-ITS-1; 8/19/2020; Production; File: 11775-ITS-1; 8/19/2020; Production; Sheet: 1087640-sht-34.dwg



USER NAME = CWilcox
 DESIGNED -
 DRAWN -
 PLOT SCALE = 40,0000 ' / in.
 CHECKED -
 PLOT DATE = 8/19/2020

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

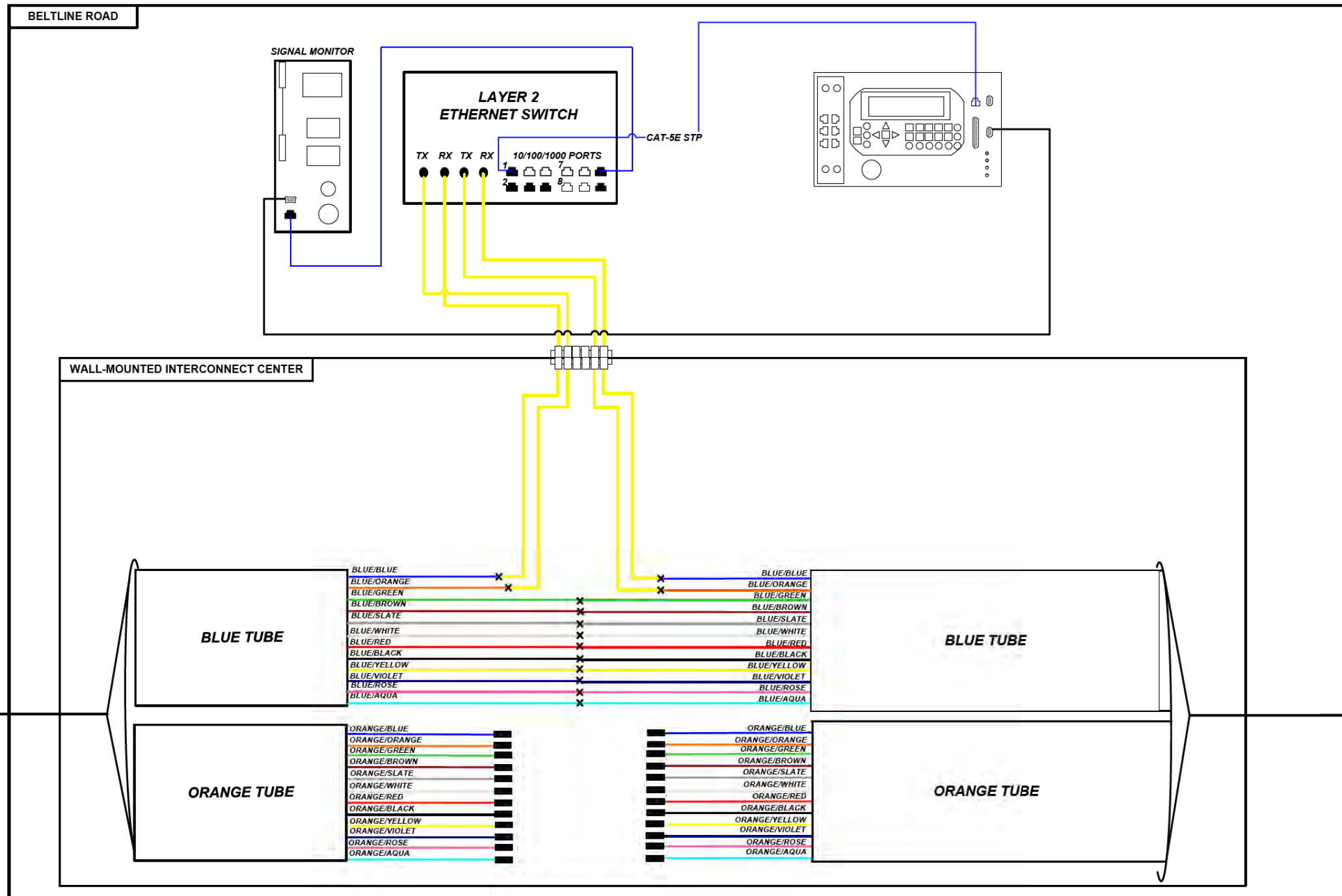
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL
 MODIFICATION PLAN**

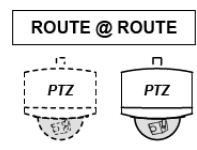
SCALE: 1"=20' SHEET N/A OF N/A SHEETS STA. N/F TO STA. N/F

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	11775-ITS-1	MADISON	36	34
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				

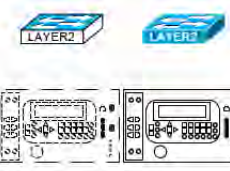


NOTES

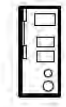
1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES DENOTE EXISTING CABLES, DEVICES, OR ENCLOSURES.



LOCATION IDENTIFIER
EXISTING/PROPOSED CCTV CAMERA



EXISTING/PROPOSED LAYER 2 SWITCH
EXISTING/PROPOSED TRAFFIC SIGNAL CONTROLLER



MALFUNCTION MANAGEMENT UNIT
E10 10 MBPS ETHERNET
E100 100 MBPS ETHERNET

CAT5/6 ETHERNET CABLE
FIBER OPTIC CABLE
EXISTING/PROPOSED FUSION SPLICE

PROPOSED CABLE
EXISTING CABLE
FIBER OPTIC PIGTAIL
FIBER OPTIC JUMPER

NOT TO SCALE

MODEL: Default; FILE: 11775-ITS-1; 8/19/2020; Production; File: Final; Communication; Sheet: 107; 1640; sheet: 35; .dgn



USER NAME = CWilcox
DESIGNED -
DRAWN -
PLOT SCALE = 40,0000 ' / in.
PLOT DATE = 8/19/2020

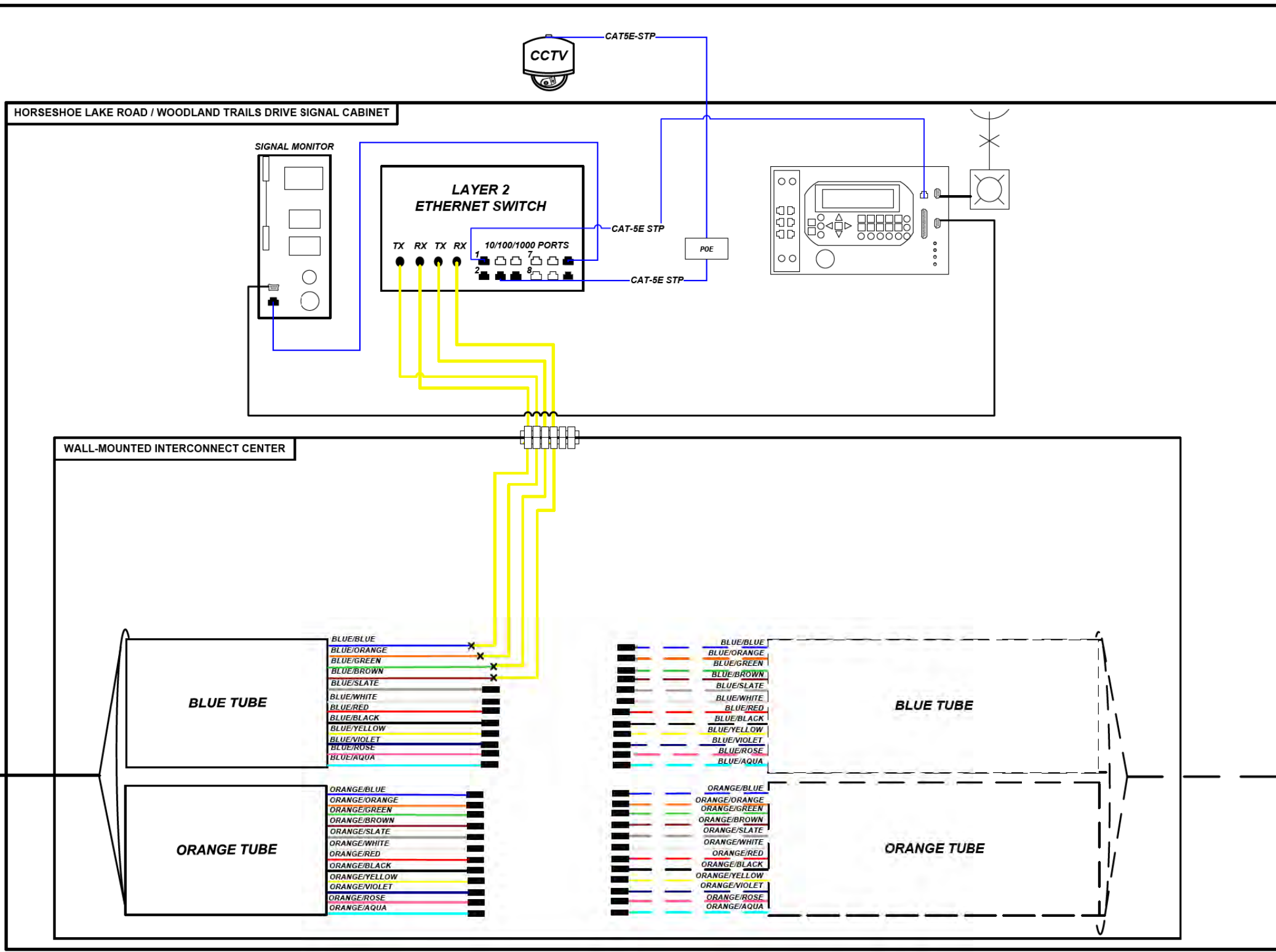
DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

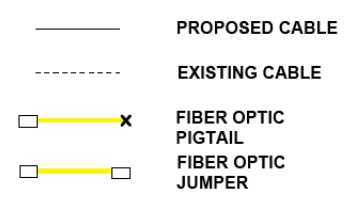
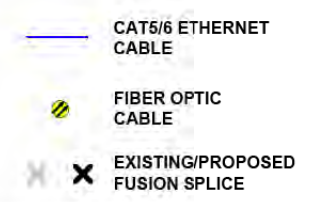
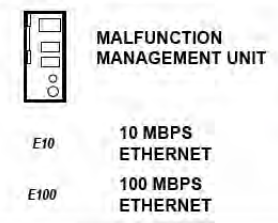
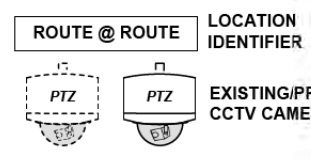
**TRAFFIC SIGNAL
MODIFICATION PLAN**
SCALE: 1"=20'
SHEET N/A OF N/A SHEETS
STA. N/F TO STA. N/F

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	11775-ITS-1	MADISON	36	35
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				



NOTES

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES
4. DASHED LINES DENOTE EXISTING CABLES, DEVICES, OR ENCLOSURES.



NOT TO SCALE

MODEL: Default; FILE: 11775-ITS-1; 11/18/2022; Production; File: 11775-ITS-1; 11/18/2022; Production; Sheet: 1087640-01-36.dwg



USER NAME = CWIKcox	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 8/19/2020	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL
MODIFICATION PLAN**

SCALE: 1"=20' SHEET N/A OF N/A SHEETS STA. N/F TO STA. N/F

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
592	11775-ITS-1	MADISON	36	36
PPS 8-55541-0919		CONTRACT NO. 76N40		
ILLINOIS FED. AID PROJECT				