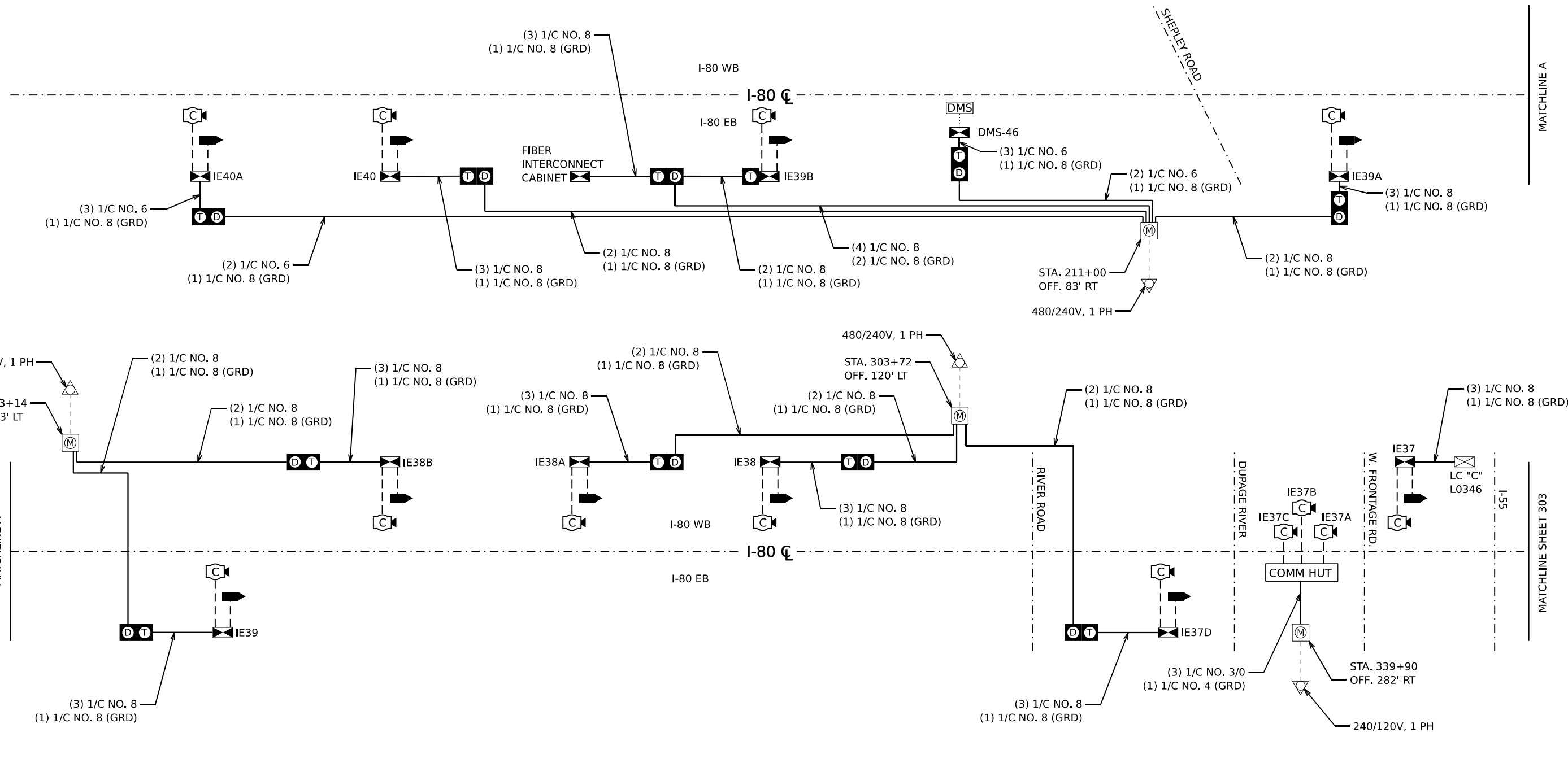


MODEL: 20 SHEET 14
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS-PW\01\DM532656\62R19-SHT-ITS-POWER\SD01.DGN



LEGEND

- | | | | | | |
|--|---------------------------------|--|---------------------------------------|--|--------------------------------------|
| | EXISTING ELECTRIC SERVICE | | CLOSED CIRCUIT TELEVISION DOME CAMERA | | EXISTING ELECTRICAL CABLE IN CONDUIT |
| | PROPOSED ELECTRIC SERVICE | | DYNAMIC MESSAGE SIGN | | PROPOSED ELECTRICAL CABLE IN CONDUIT |
| | EXISTING SERVICE METER PEDESTAL | | WIRELESS VEHICLE DETECTION RADIO | | CAT-6 CABLE |
| | PROPOSED SERVICE METER PEDESTAL | | ITS CABINET | | DMS POWER CABLES |
| | PROPOSED DISCONNECT SWITCH | | LIGHTING CONTROLLER CABINET | | |
| | PROPOSED TRANSFORMER | | TRAFFIC SIGNAL CABINET | | |

NOTES

- SEE SHEET 305 TO 314 FOR SERVICE METER PEDESTAL DETAILS.
- SEE SHEET 315 TO 316 FOR LIGHTING CONTROLLER DETAILS.
- SEE SHEET 317 TO 320 FOR NON-DMS DISCONNECT SWITCH/TRANSFORMER DETAILS.



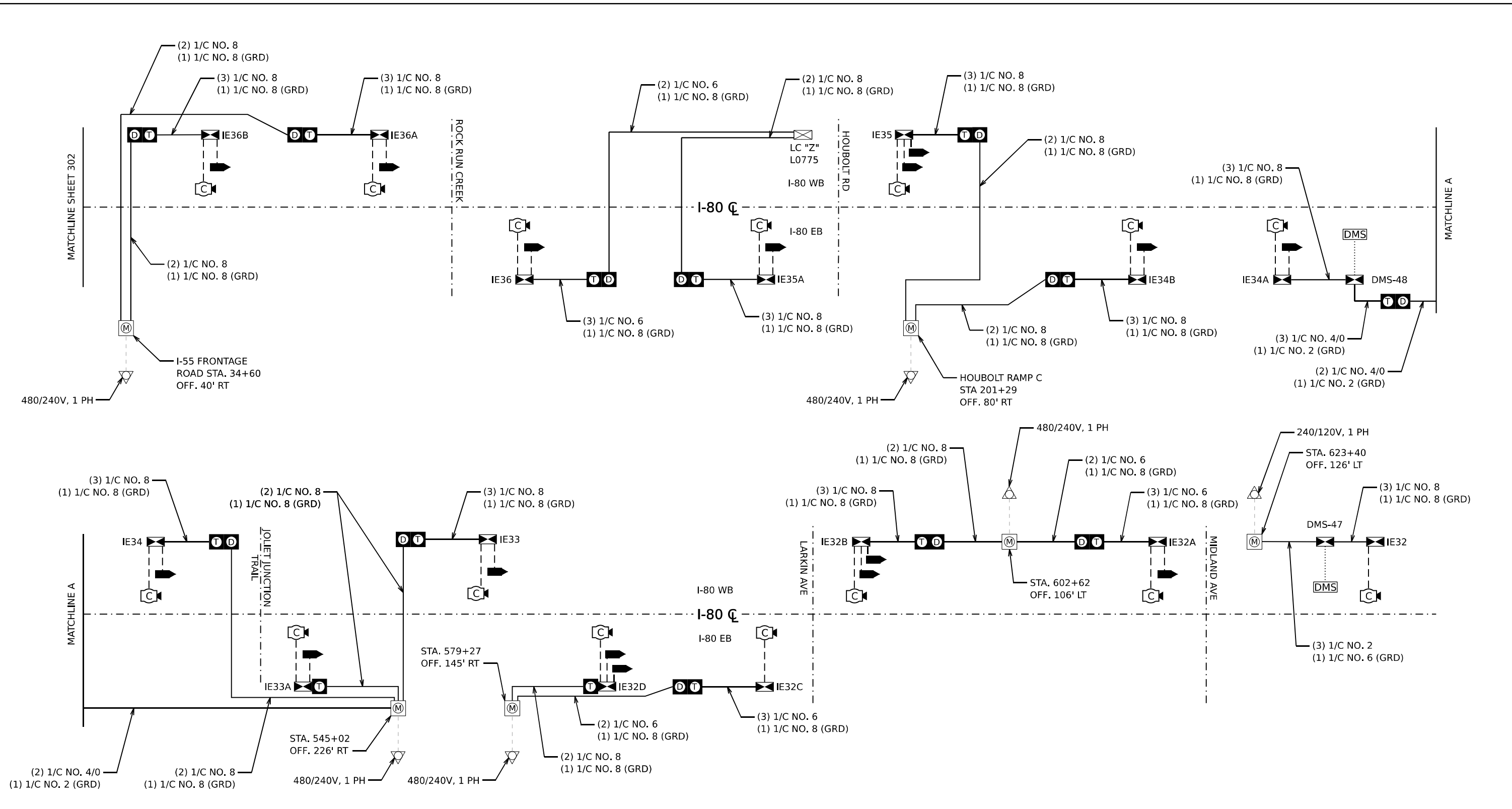
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	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80
POWER SINGLE LINE DIAGRAM**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	302
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | | | | |
|--|---------------------------------|--|---------------------------------------|--|--------------------------------------|
| | EXISTING ELECTRIC SERVICE | | CLOSED CIRCUIT TELEVISION DOME CAMERA | | EXISTING ELECTRIC CABLE IN CONDUIT |
| | PROPOSED ELECTRIC SERVICE | | DYNAMIC MESSAGE SIGN | | PROPOSED ELECTRICAL CABLE IN CONDUIT |
| | EXISTING SERVICE METER PEDESTAL | | WIRELESS VEHICLE DETECTION RADIO | | CAT-6 CABLE |
| | PROPOSED SERVICE METER PEDESTAL | | ITS CABINET | | DMS POWER CABLES |
| | PROPOSED DISCONNECT SWITCH | | LIGHTING CONTROLLER CABINET | | |
| | PROPOSED TRANSFORMER | | TRAFFIC SIGNAL CABINET | | |

NOTES

- SEE SHEET 305 TO 314 FOR SERVICE METER PEDESTAL DETAILS.
- SEE SHEET 315 TO 316 FOR LIGHTING CONTROLLER DETAILS.
- SEE SHEET 317 TO 320 FOR NON-DMS DISCONNECT SWITCH/TRANSFORMER DETAILS.

MODEL: 20 SHEET 14
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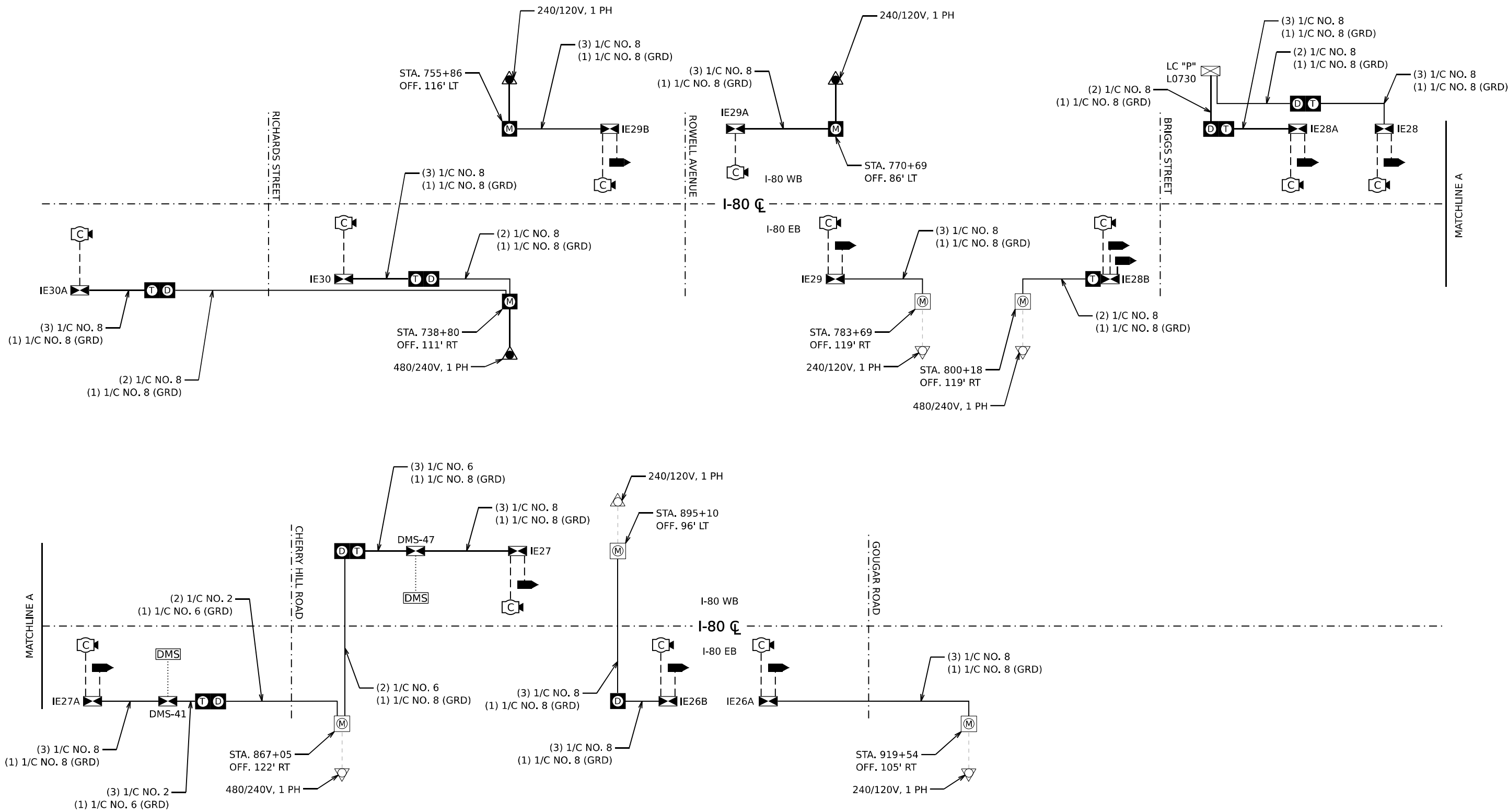
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	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80
POWER SINGLE LINE DIAGRAM**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	303
CONTRACT NO. 62R19			ILLINOIS FED. AID PROJECT	



LEGEND

- | | | | | | |
|--|---------------------------------|--|---------------------------------------|--|--------------------------------------|
| | EXISTING ELECTRIC SERVICE | | CLOSED CIRCUIT TELEVISION DOME CAMERA | | EXISTING ELECTRIC CABLE IN CONDUIT |
| | PROPOSED ELECTRIC SERVICE | | DYNAMIC MESSAGE SIGN | | PROPOSED ELECTRICAL CABLE IN CONDUIT |
| | EXISTING SERVICE METER PEDESTAL | | WIRELESS VEHICLE DETECTION RADIO | | CAT-6 CABLE |
| | PROPOSED SERVICE METER PEDESTAL | | ITS CABINET | | DMS POWER CABLES |
| | PROPOSED DISCONNECT SWITCH | | LIGHTING CONTROLLER CABINET | | |
| | PROPOSED TRANSFORMER | | TRAFFIC SIGNAL CABINET | | |

NOTES

- SEE SHEET 305 TO 314 FOR SERVICE METER PEDESTAL DETAILS.
- SEE SHEET 315 TO 316 FOR LIGHTING CONTROLLER DETAILS.
- SEE SHEET 317 TO 320 FOR NON-DMS DISCONNECT SWITCH/TRANSFORMER DETAILS.

MODEL: 20 SHEET 14
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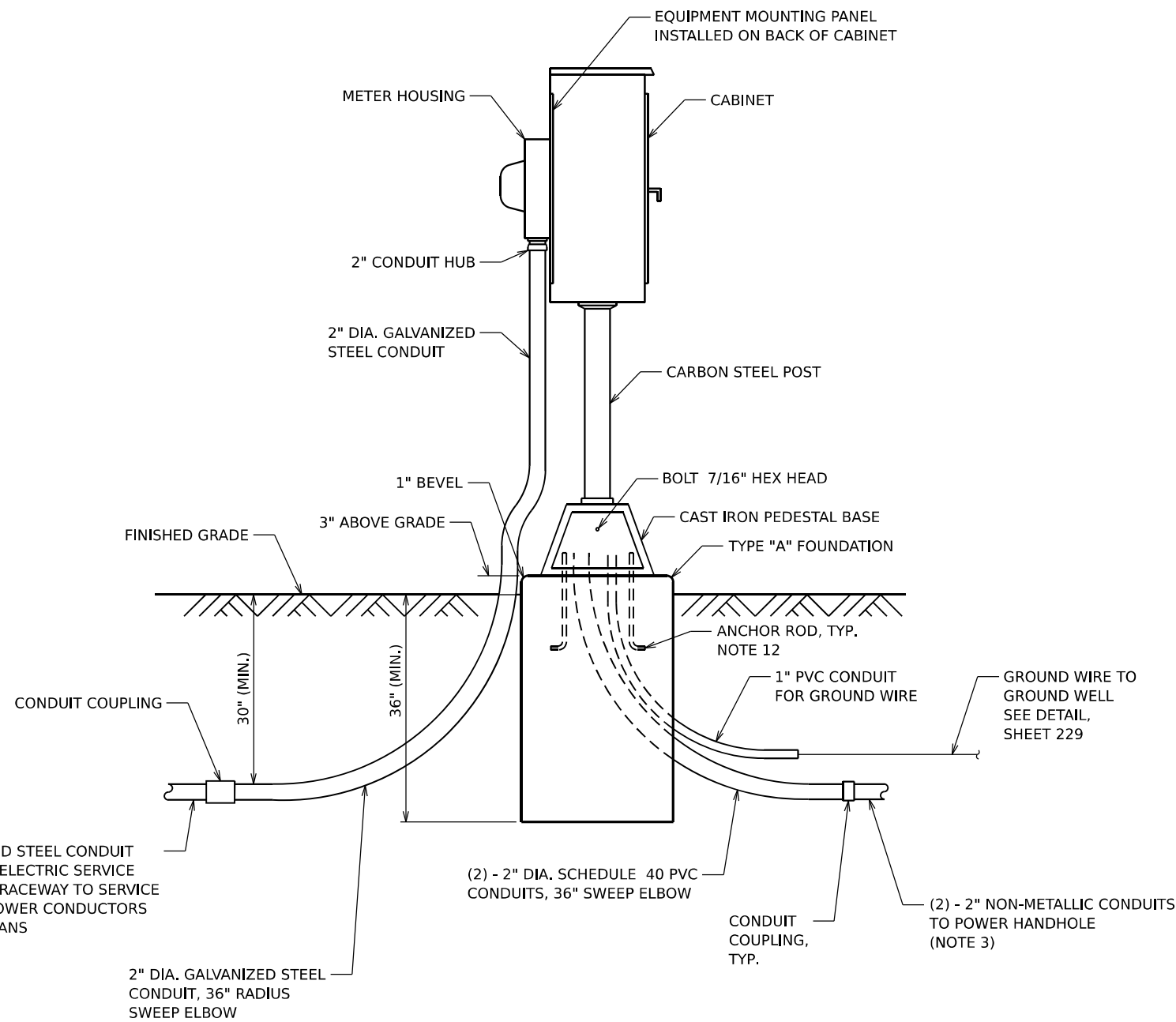
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	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80
POWER SINGLE LINE DIAGRAM**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	304
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



SERVICE PEDESTAL WITH METER

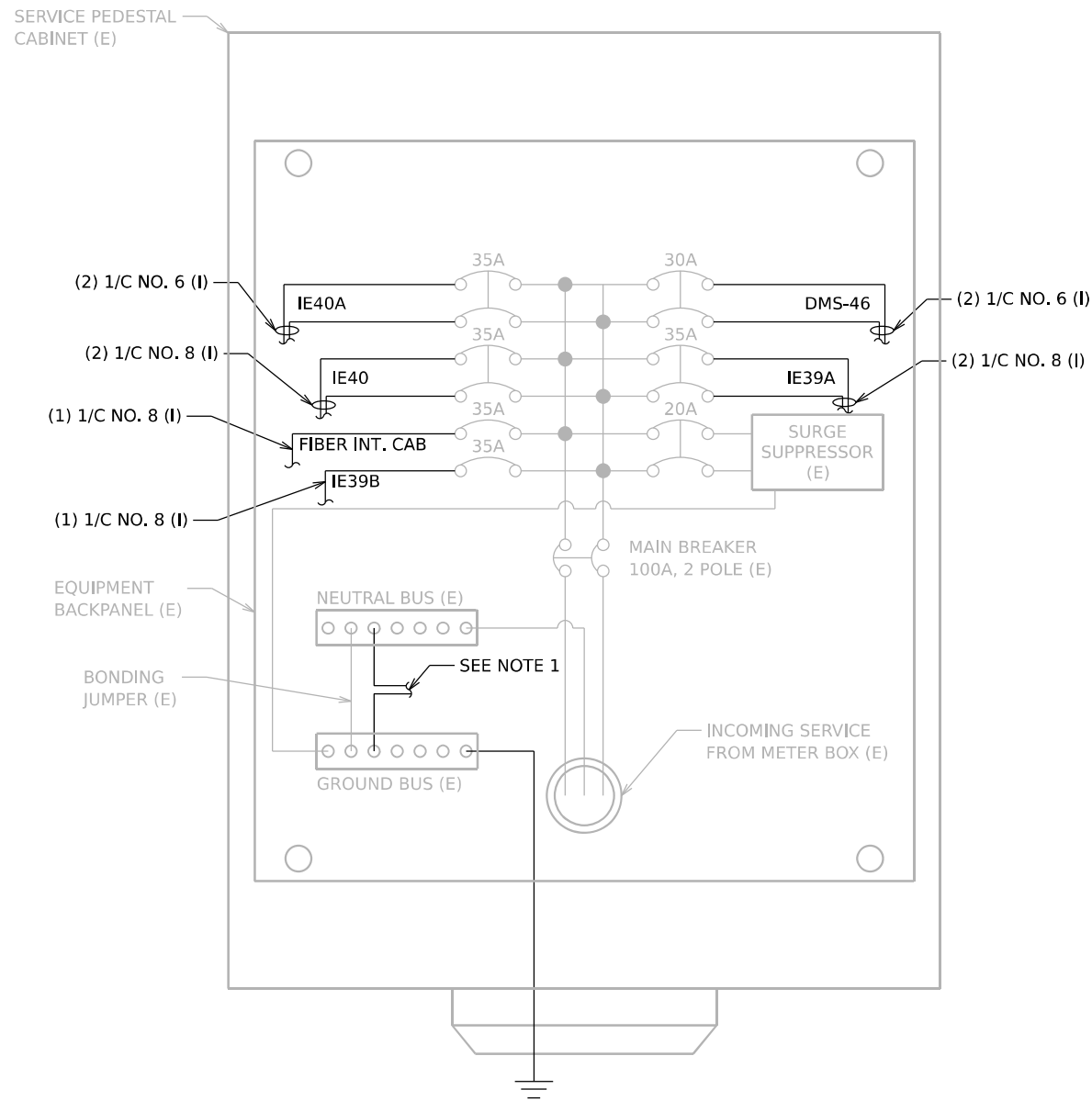
NOTES

1. SERVICE VOLTAGE SHALL BE AS INDICATED ELSEWHERE IN THE DRAWINGS.
2. UNLESS OTHERWISE INDICATED, ALL ITEMS AND WORK SHOWN SHALL BE INCLUDED AND PAID AS PART OF THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.
3. THE HORIZONTAL ELECTRIC SERVICE CONDUCTOR RACEWAY/CONDUCTORS AND NON-METALLIC CONDUITS TO POWER HANDHOLE SHALL BE MEASURED SEPARATELY FOR PAYMENT.
4. CABINETS, CABINET POSTS AND CABINET PEDESTALS SHALL BE PRIMED AND PAINTED. THE EXTERIOR SHALL HAVE TWO EPOXY FINISH COATS OF ANSI-61 GRAY. THE INTERIOR SHALL BE PAINTED WHITE.
5. METER HOUSING SHALL BE MOUNTED TO BACK WALL OF CABINET. PROVIDE A GATE IN ROW FENCE TO ALLOW UTILITY ACCESS TO READ THE METER.
6. CABLES FROM METER HOUSING SHALL PASS THROUGH BACK WALL OF CABINET.
7. METER HOUSING SHALL BE AS REQUIRED BY THE UTILITY.
8. THE CABINET SHALL BE 36"H X 20"W X 15"D, FABRICATED FROM ALUMINUM WITH A MINIMUM THICKNESS OF .125", RATED NEMA TYPE 3R AND HAVE A MOUNTING BACK PLATE.
9. THE CABINET DOOR SHALL HAVE A CONTINUOUS HINGE THAT IS BOLTED TO THE CABINET AND DOOR WITH 1/4-20 STAINLESS STEEL CARRIAGE BOLTS AND NY-LOCK NUTS. THE HINGE SHALL BE INSTALLED ON THE RIGHT SIDE WHEN FACING THE CABINET AND BE MADE OF STAINLESS STEEL WITH A 0.25 INCH DIAMETER STAINLESS STEEL HINGE PIN. THE HINGE PIN SHALL BE CAPPED TOP AND BOTTOM BY WELD TO RENDER IT TAMPER-PROOF. THE CABINET SHALL HAVE A GASKET THAT FORMS A WEATHER-TIGHT SEAL BETWEEN THE CABINET AND DOOR. THE DOOR LATCHING MECHANISM SHALL BE THE 3-POINT DRAW ROLLER TYPE. WHEN THE DOOR IS CLOSED AND LATCHED, IT WILL BE LOCKED. THE LATCHING HANDLE SHALL BE FABRICATED FROM A 0.75" STAINLESS STEEL ROUND BAR AND SHALL HAVE A PROVISION FOR PADLOCKING IN THE CLOSED POSITION.
10. THE ENCLOSURE SHALL BE EQUIPPED WITH TWO ADJUSTABLE "C" MOUNTING CHANNELS WELDED ON BOTH SIDE WALLS AND BACK WALL OF THE ENCLOSURE, ALLOWING VERSATILE POSITIONING OF SHELVES OR PANELS. MOUNTING CHANNELS SHALL BE FACTORY PAINTED SAME COLOR AS INTERIOR OF CABINET.
11. CABINET DOOR SHALL NOT HAVE COMPARTMENT DOORS OR LOUVERS. INTERIOR OF CABINET DOOR SHALL HAVE A PLASTIC POCKET FOR WIRING SCHEMATIC.
12. CONTRACTOR MUST COORDINATE WITH PEDESTAL BASE SUPPLIER AND FURNISH THE NECESSARY ANCHOR RODS.
13. THE ELECTRIC SERVICE EQUIPMENT ASSEMBLY SHALL BE ASSEMBLED BY A UL 508A INDUSTRIAL CONTROL PANEL FABRICATOR. THE PANEL ASSEMBLY SHALL BE UL LABELED AND SUITABLE FOR USE AS SERVICE EQUIPMENT.
14. ALL EQUIPMENT SHALL BE GROUNDED AND BONDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND THE NATIONAL ELECTRICAL SAFETY CODE.
15. PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY. FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY THE UTILITY, BUT NECESSARY FOR A COMPLETE SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN THE ELECTRIC UTILITY SERVICE INSTALLATION PAY ITEM.

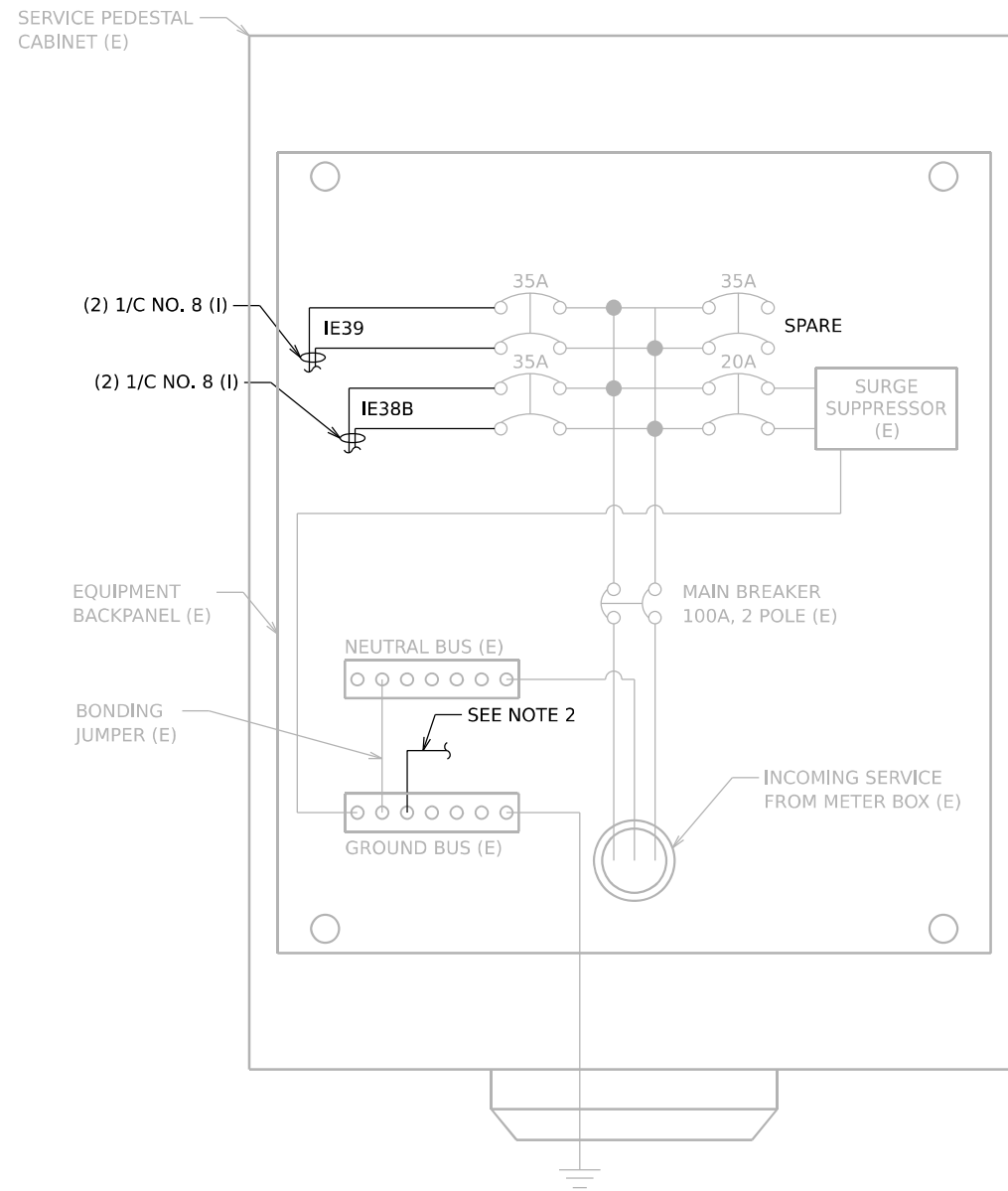
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PLOT DATE = 11/12/2025	CHECKED - WDS	REVISED -
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	305
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 211+00
480/240V, 1PH**



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 233+14
480/240V, 1PH**

NOTES

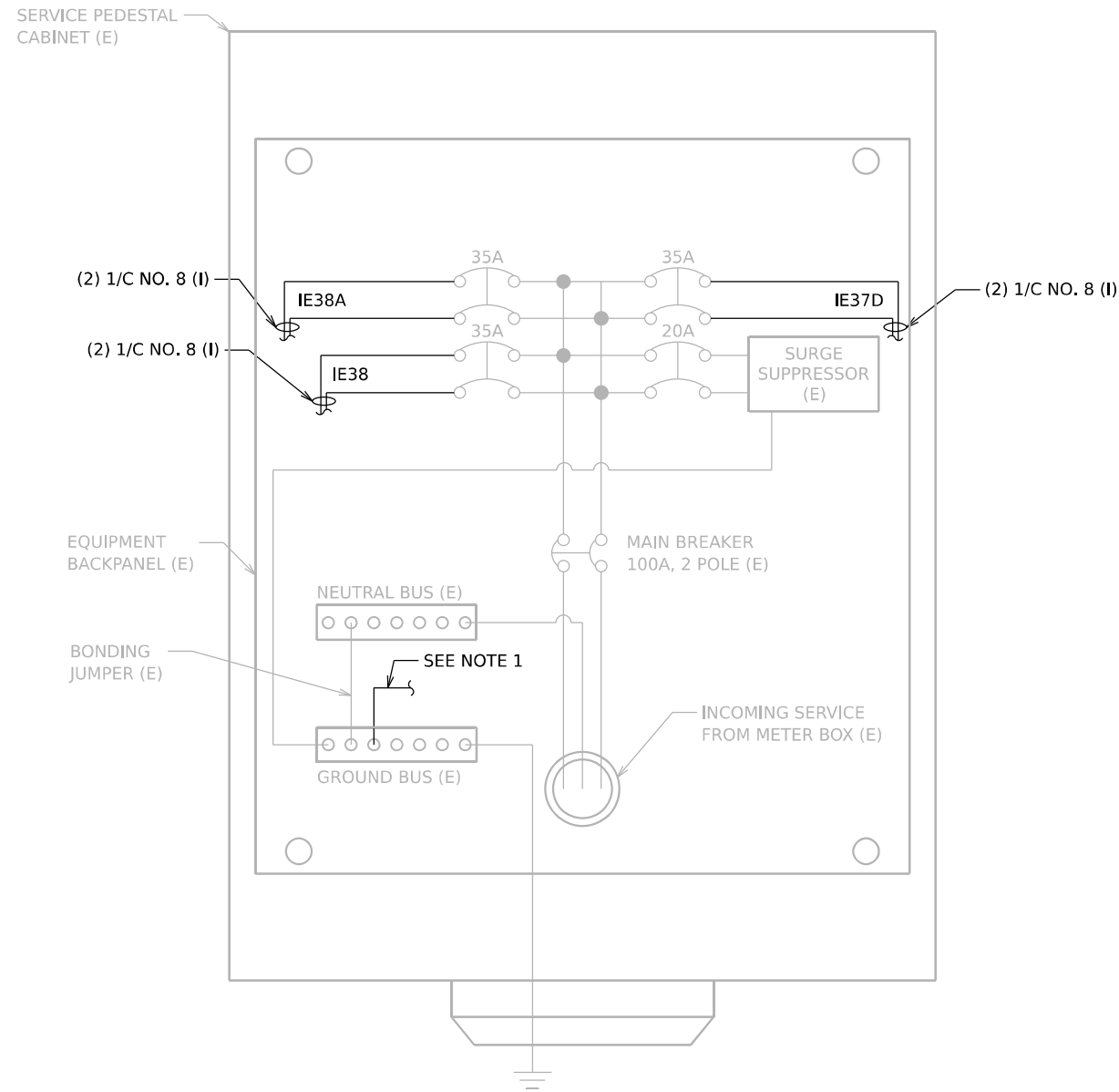
1. PROVIDE WIRES FROM THE NEUTRAL AND GROUND BUS BARS AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
IE40A	N/A	(1) 1/C NO. 8 (I)
IE40	N/A	(1) 1/C NO. 8 (I)
FIBER INT. CAB	(1) 1/C NO. 8 (I)	(1) 1/C NO. 8 (I)
IE39B	(1) 1/C NO. 8 (I)	(1) 1/C NO. 8 (I)
DMS-46	N/A	(1) 1/C NO. 8 (I)
IE39A	N/A	(1) 1/C NO. 8 (I)

2. PROVIDE WIRES FROM THE GROUND BUS BAR AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
IE39	N/A	(1) 1/C NO. 8 (I)
IE38B	N/A	(1) 1/C NO. 8 (I)

MODEL: 20 SHEET 14
FILE NAME: C:\TRANSMISSIONS\LOCAL\TRANSMISSIONS-PH\01\DM32356\62R19-SHT-ITS-POWER-02.DGN

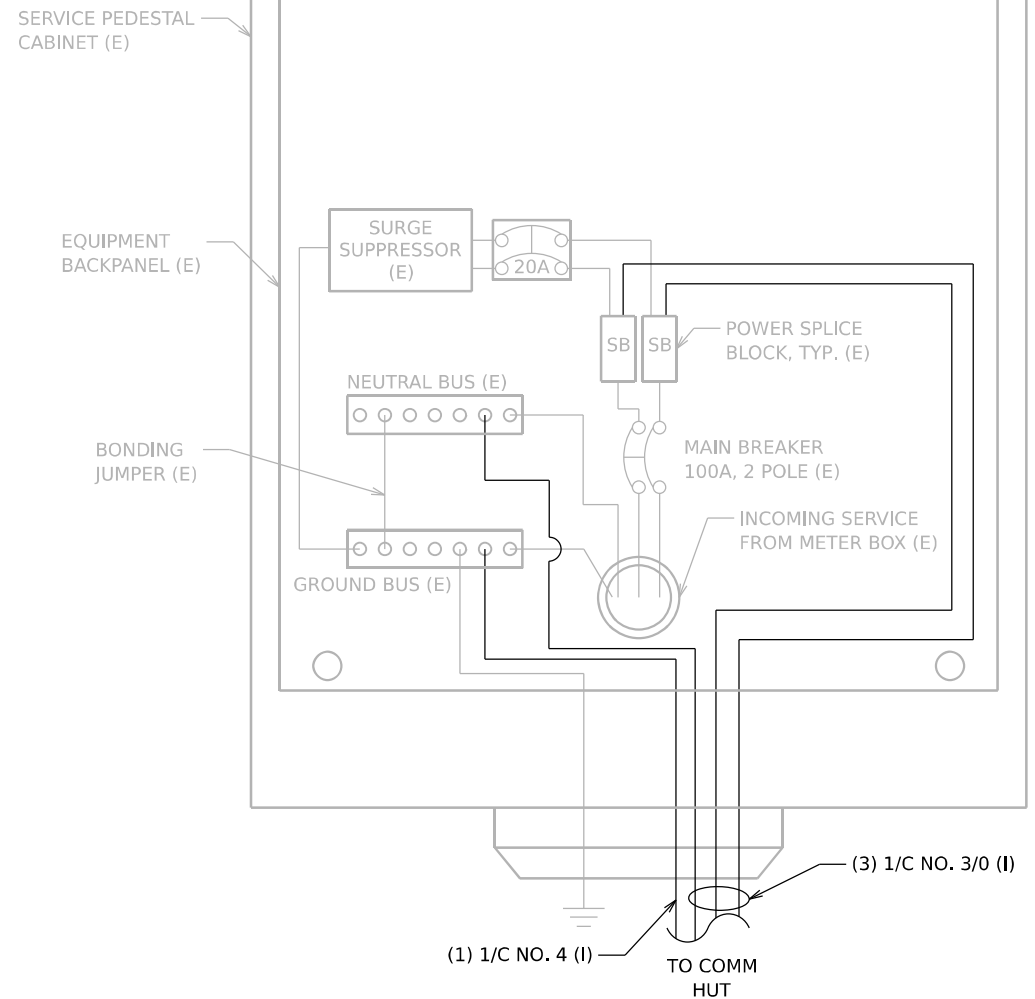


**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 303+72
480/240V, 1PH**

NOTES

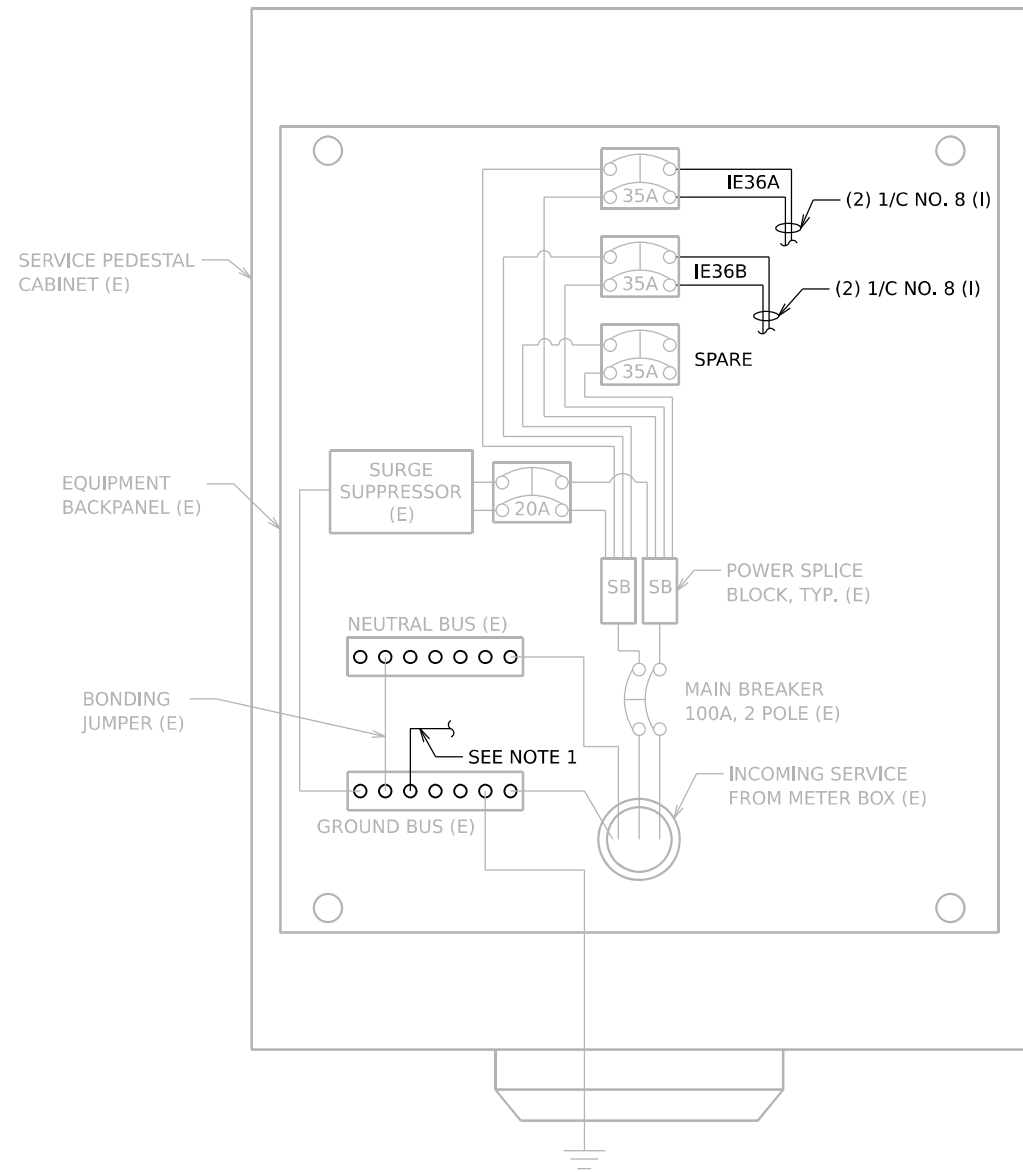
1. PROVIDE WIRES FROM THE GROUND BUS BAR AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
IE38A	N/A	(1) 1/C NO. 8 (I)
IE38	N/A	(1) 1/C NO. 8 (I)
IE37D	N/A	(1) 1/C NO. 8 (I)



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 339+90
240/120V, 1PH**

MODEL: 20 SHEET 14
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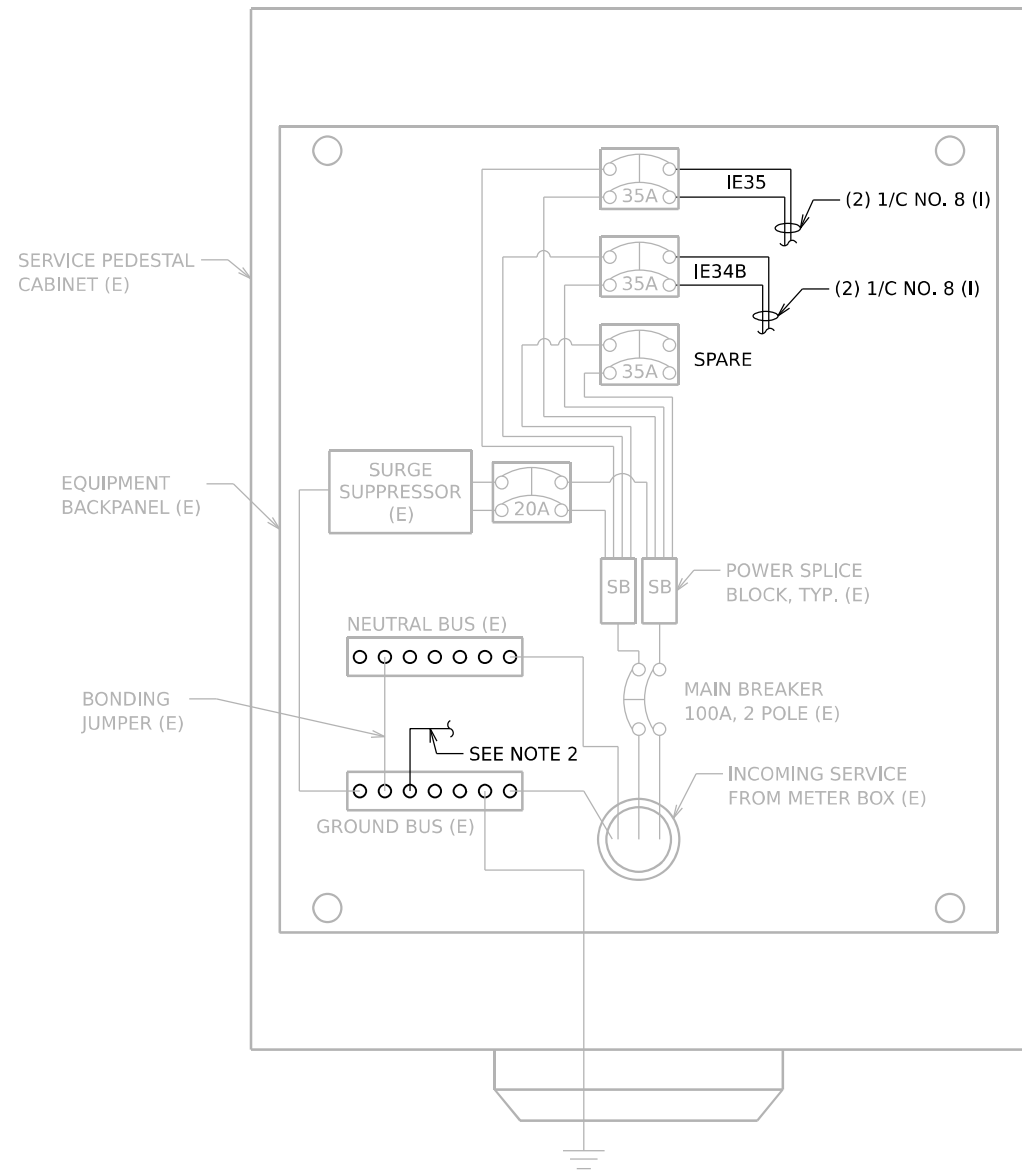


**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: I-55 FRONTAGE ROAD STA. 34+60
480/240V, 1PH**

NOTES

1. PROVIDE WIRES FROM THE GROUND BUS BAR AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
IE36A	N/A	(1) 1/C NO. 8 (I)
IE36B	N/A	(1) 1/C NO. 8 (I)

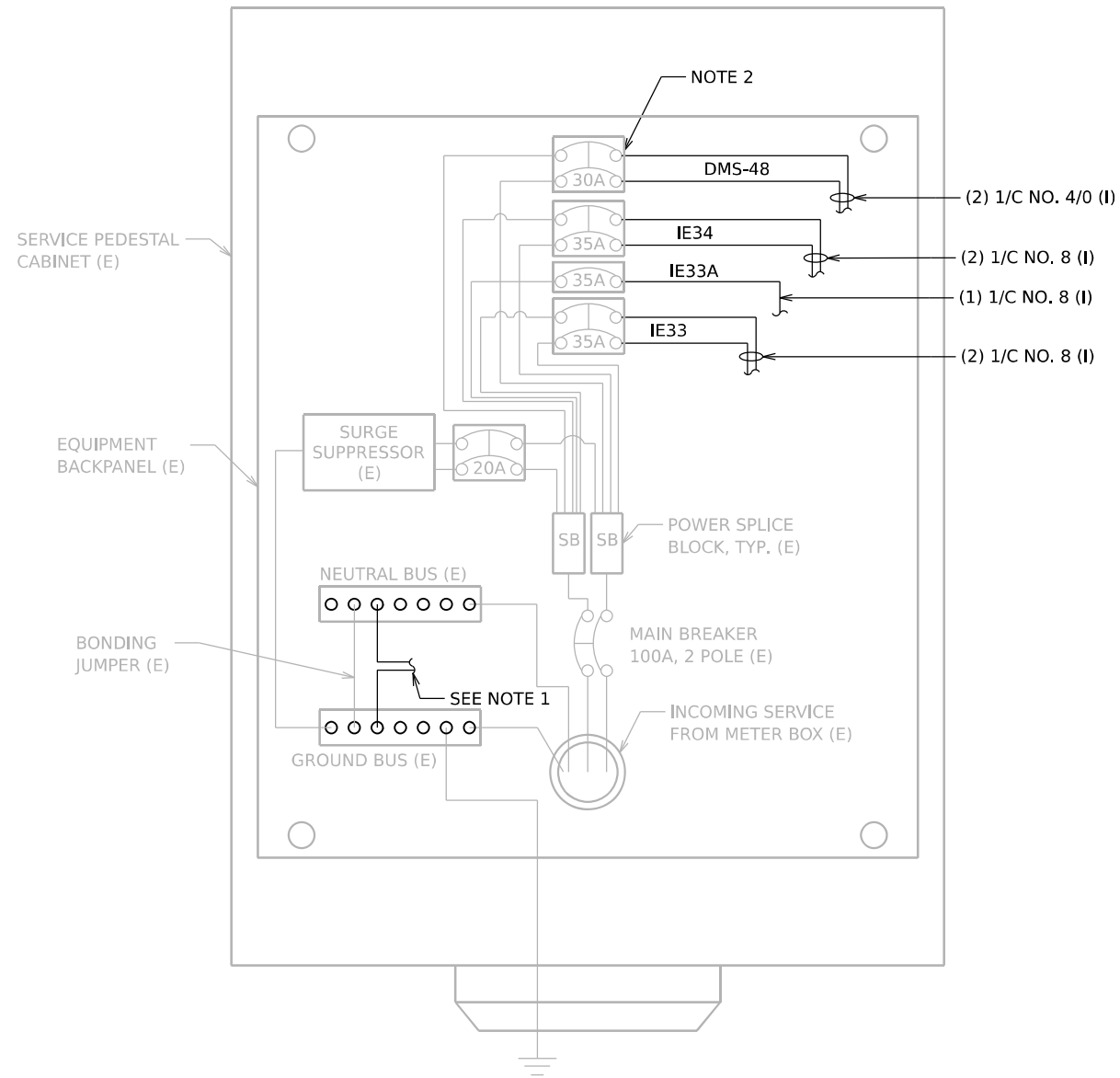


**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: HOUBOLT RAMP C STA. 201+29
480/240V, 1PH**

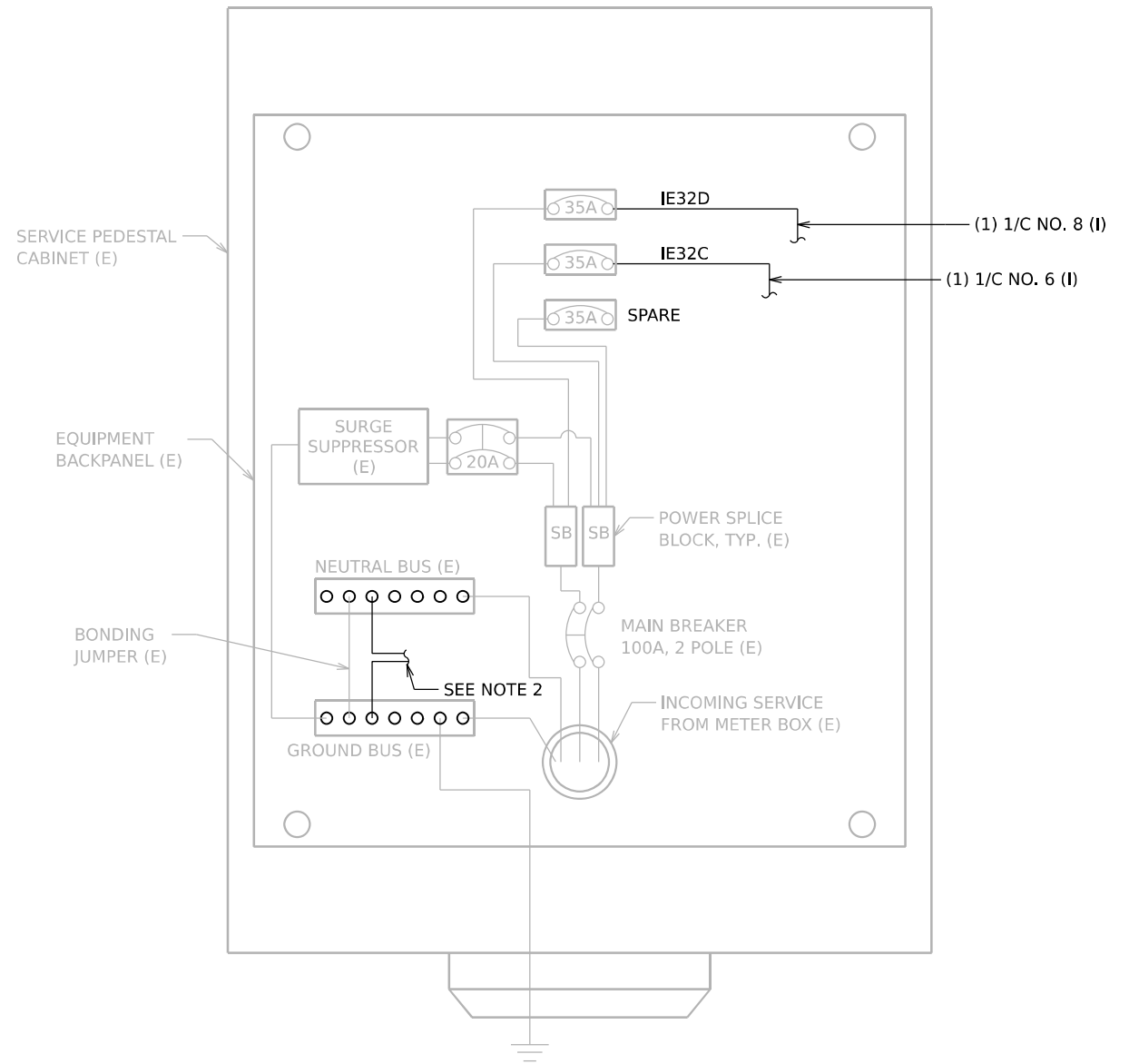
2. PROVIDE WIRES FROM THE GROUND BUS BAR AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
IE35	N/A	(1) 1/C NO. 8 (I)
IE34B	N/A	(1) 1/C NO. 8 (I)

MODEL: 20 SHEET 14
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS-PW\01\DM632656\62R19-SHT-ITS-POWER-04.DGN



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 545+02
480/240V, 1PH**



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 579+27
480/240V, 1PH**

NOTES

1. PROVIDE WIRES FROM THE NEUTRAL AND GROUND BUS BARS AND ROUTE TO EACH INDIVIDUAL SITE:

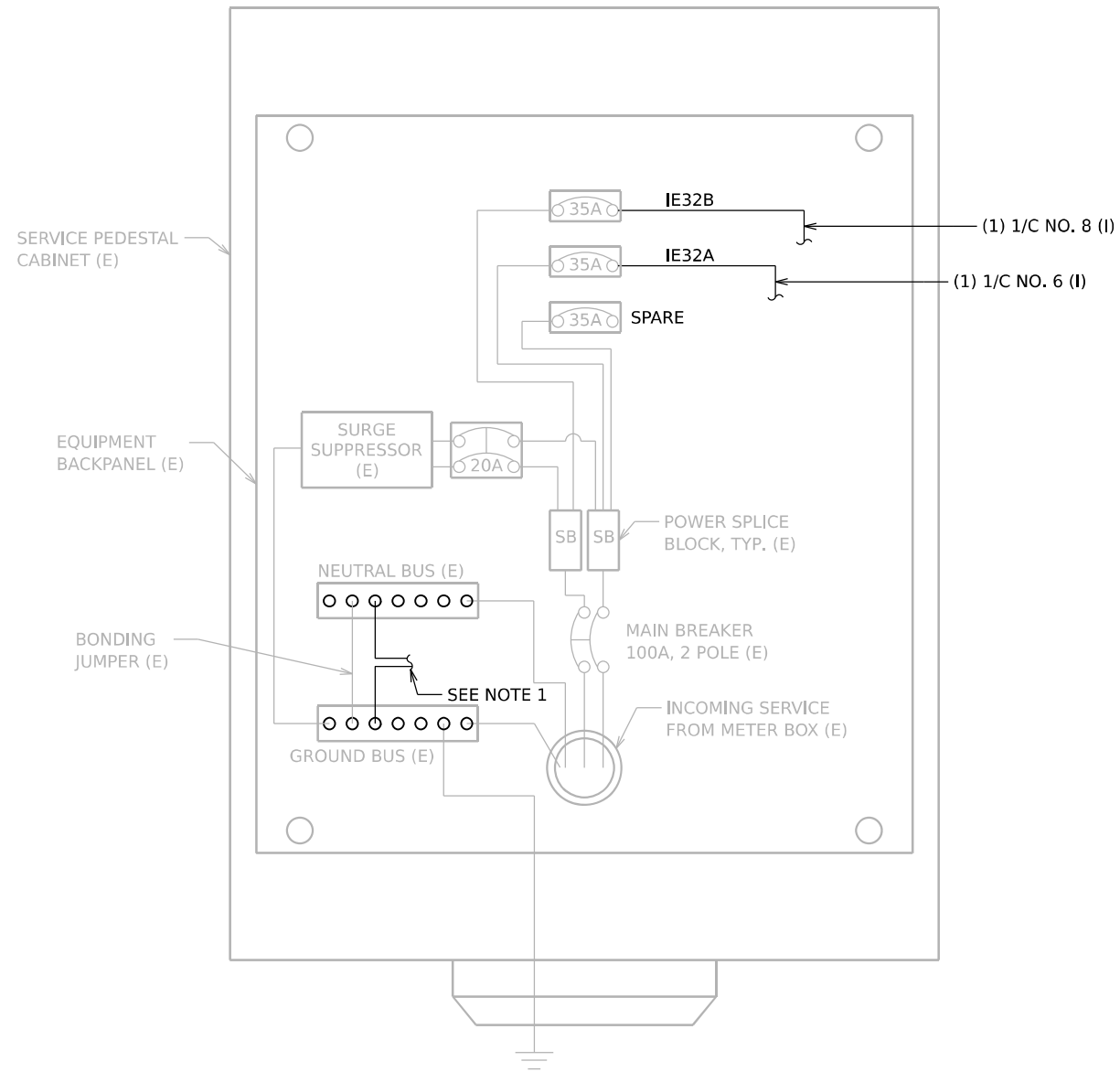
SITE	NEUTRAL WIRE	GROUND WIRE
DMS-48	N/A	(1) 1/C NO. 2 (I)
IE34	N/A	(1) 1/C NO. 8 (I)
IE33A	(1) 1/C NO. 8 (I)	(1) 1/C NO. 8 (I)
IE33	N/A	(1) 1/C NO. 8 (I)

2. INSTALL COPPER TERMINAL LUG TO TRANSITION THE PROPOSED #4/0 AWG CABLE TO THE EXISTING CABINET BREAKER.

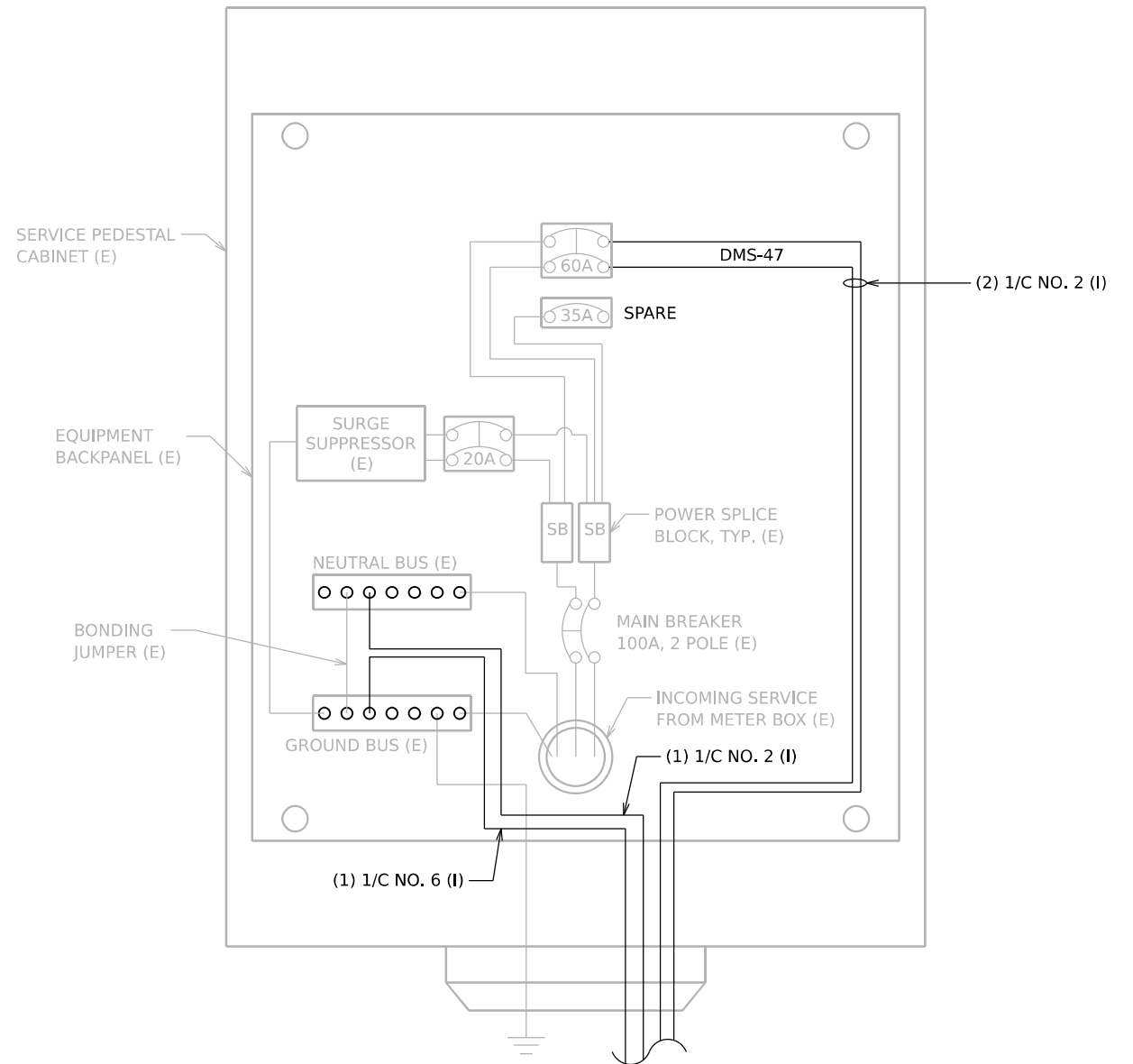
2. PROVIDE WIRES FROM THE NEUTRAL AND GROUND BUS BARS AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
IE32D	(1) 1/C NO. 8 (I)	(1) 1/C NO. 8 (I)
IE32C	(1) 1/C NO. 6 (I)	(1) 1/C NO. 8 (I)

MODEL: 20 SHEET 14
FILE NAME: C:\TRANSMISSIONS\LOCAL\TRANSMISSIONS\FW\01\DM532565662R19-SHT-ITS-POWER-05.DGN



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 602+62
480/240V, 1PH**



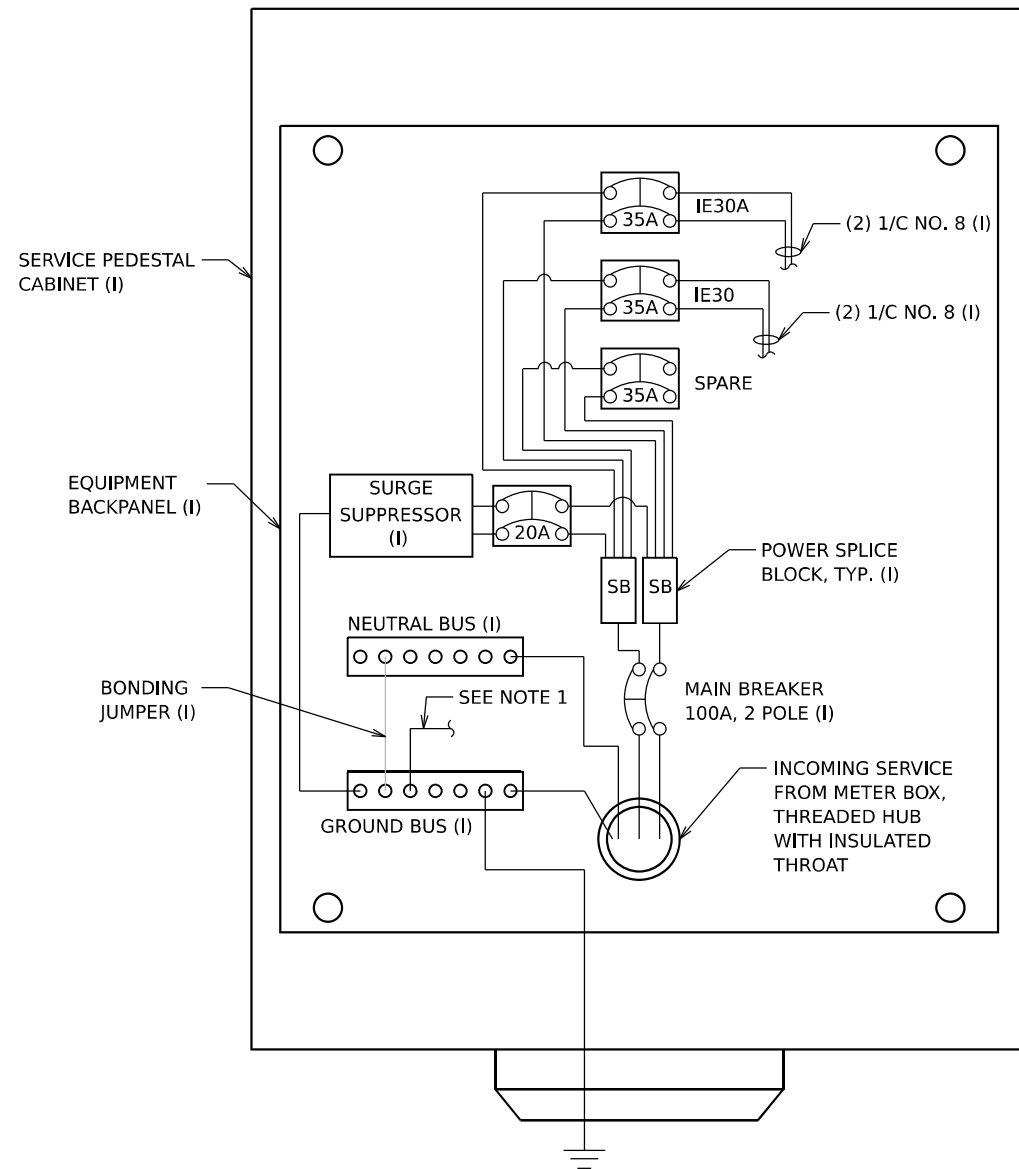
**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 623+40
240/120V, 1PH**

NOTES

1. PROVIDE WIRES FROM THE NEUTRAL AND GROUND BUS BARS AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
IE32B	(1) 1/C NO. 8 (I)	(1) 1/C NO. 8 (I)
IE32A	(1) 1/C NO. 6 (I)	(1) 1/C NO. 8 (I)

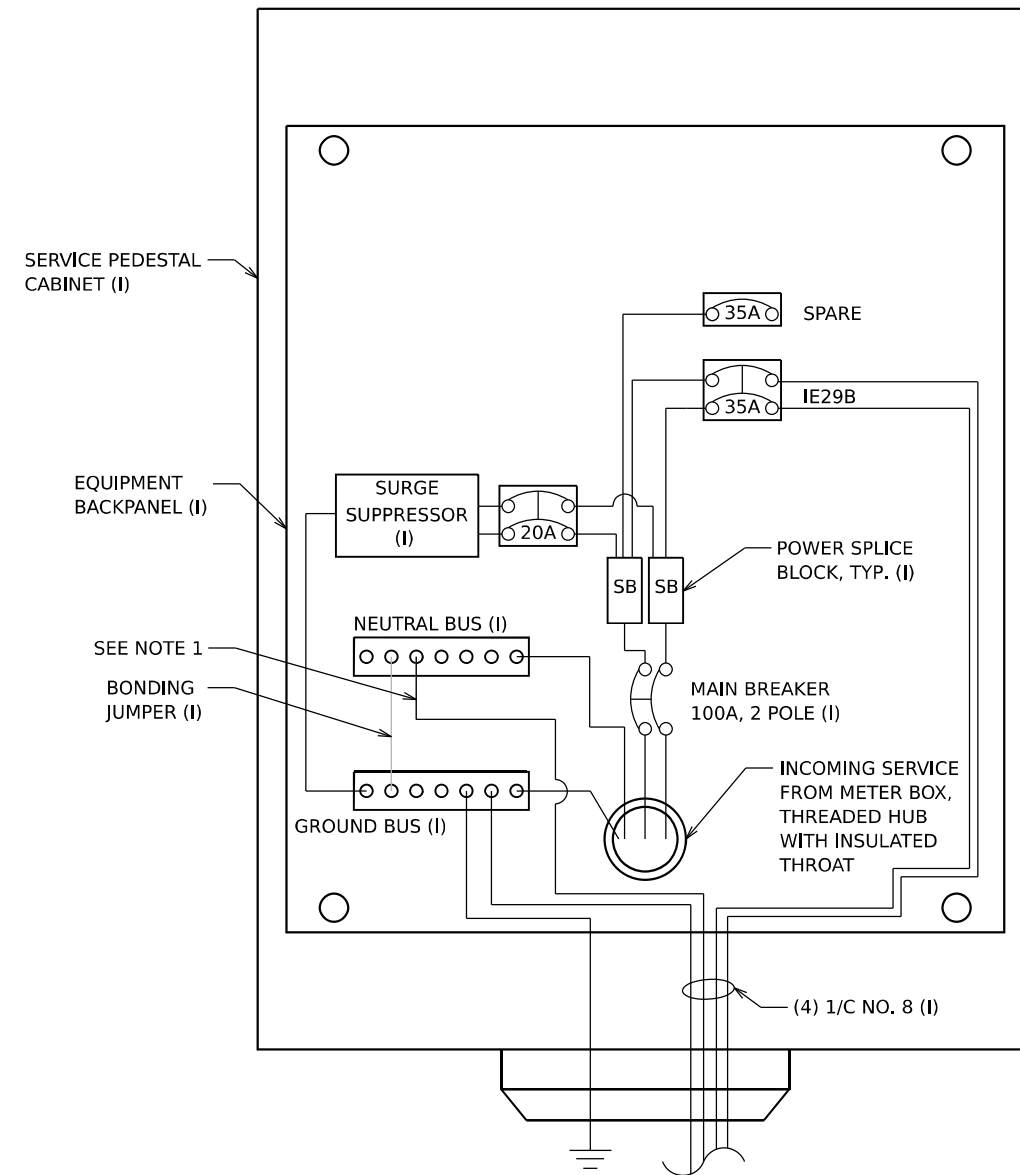
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**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 738+80
480/240V, 1PH**

NOTES

1. PROVIDE (1) 1/2 NO. 8 WIRE FROM THE GROUND BUS BAR AND ROUTE TO EACH INDIVIDUAL SITE.
2. THE ELECTRIC SERVICE EQUIPMENT ASSEMBLY SHALL BE UL LABELED, SUITABLE FOR USE AS SERVICE EQUIPMENT.
3. CIRCUIT BREAKERS SHALL BE THERMAL MAGNETIC BOLT-ON TYPE WITH A MINIMUM INTERRUPTING CAPACITY OF 10,000 SYMMETRICAL AMPERES AT 240V LINE TO LINE SERVICE OR 14,000 AT 480V RATED AT LINE TO LINE SERVICE. THEY SHALL BE LOCKABLE IN THE "OFF" POSITION FOR COMPLIANCE WITH OSHA LOCK-OUT/TAG-OUT REQUIREMENTS. HANDLES SHALL BE TRIP FREE.
4. THE SURGE PROTECTOR SHALL BE SUITABLE FOR THE INCOMING SINGLE PHASE 60HZ AC ELECTRICAL SERVICE, WITH A SURGE CURRENT RATING OF 50.00 AMPS OR BETTER, RATED -40 TO 65 DEGREES C., WITH LED OPERATING INDICATORS, AND SHALL BE UL LISTED PER UL 1449. SURGE PROTECTOR SHALL BE WIRED FOR THE INCOMING SERVICE VOLTAGE. FOLLOW MANUFACTURER RECOMMENDED WIRING SPECIFICATIONS.



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 755+86
240/120V, 1PH**

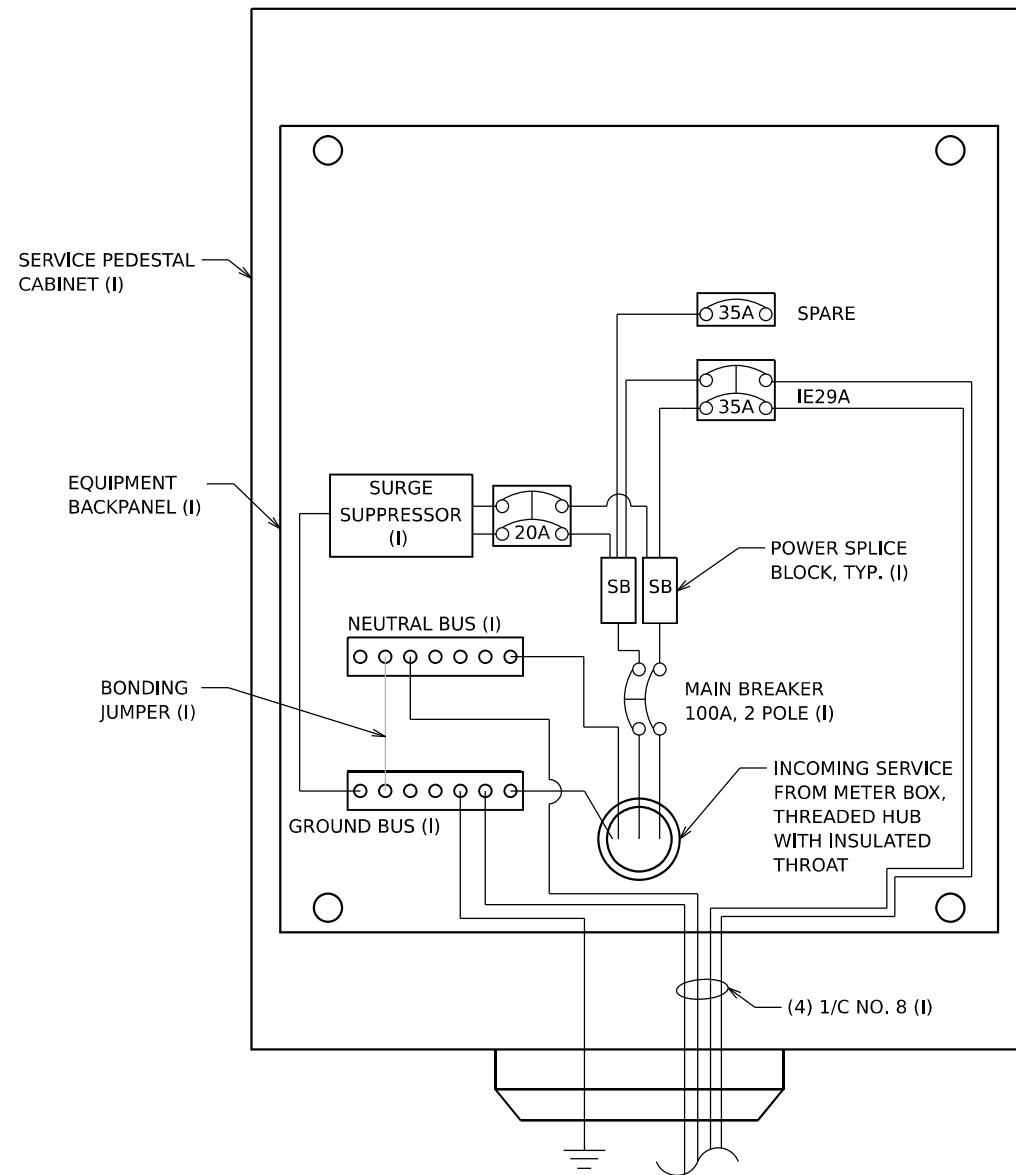
5. BUS BARS, CONNECTORS AND LUGS SHALL BE COPPER, INSULATED AND ISOLATED AND CONFIGURED TO PREVENT SHORTED CONDITIONS FROM TIGHTENING TERMINATIONS, ETC. THE OVERALL BUS SECTION SHALL BE CONFIGURED BEHIND AN INSULATING BARRIER SHIELD WHICH IS REMOVABLE FOR ACCESS TO CONNECTIONS.
6. A PLASTIC LAMINATED CABINET LAYOUT DIAGRAM, CIRCUIT SCHEMATIC, AND BILL OF MATERIALS WITH CATALOG NUMBERS USED SHALL BE AFFIXED TO THE INTERIOR SIDE OF THE ENCLOSURE DOOR.
7. EQUIPMENT IN DIAGRAMS ABOVE ARE NOT TO SCALE AND WIRING SCHEMATIC IS DIAGRAMMATIC. CONTRACTOR TO SUBMIT WIRING DIAGRAM AND EQUIPMENT LAYOUT FOR APPROVAL BY THE ENGINEER.

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSMISSIONS\LOCAL\TRANSMISSIONS-PW\01\DM632656\62R19-SHT-ITS-POWER-07.DGN

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PLOT DATE = 11/12/2025	CHECKED - WDS	REVISED -
	DATE - 11/12/2025	REVISED -

I-80			
SERVICE METER PEDESTAL DETAILS			
SCALE: N.T.S.	SHEET	OF	SHEETS
	STA.		TO STA.

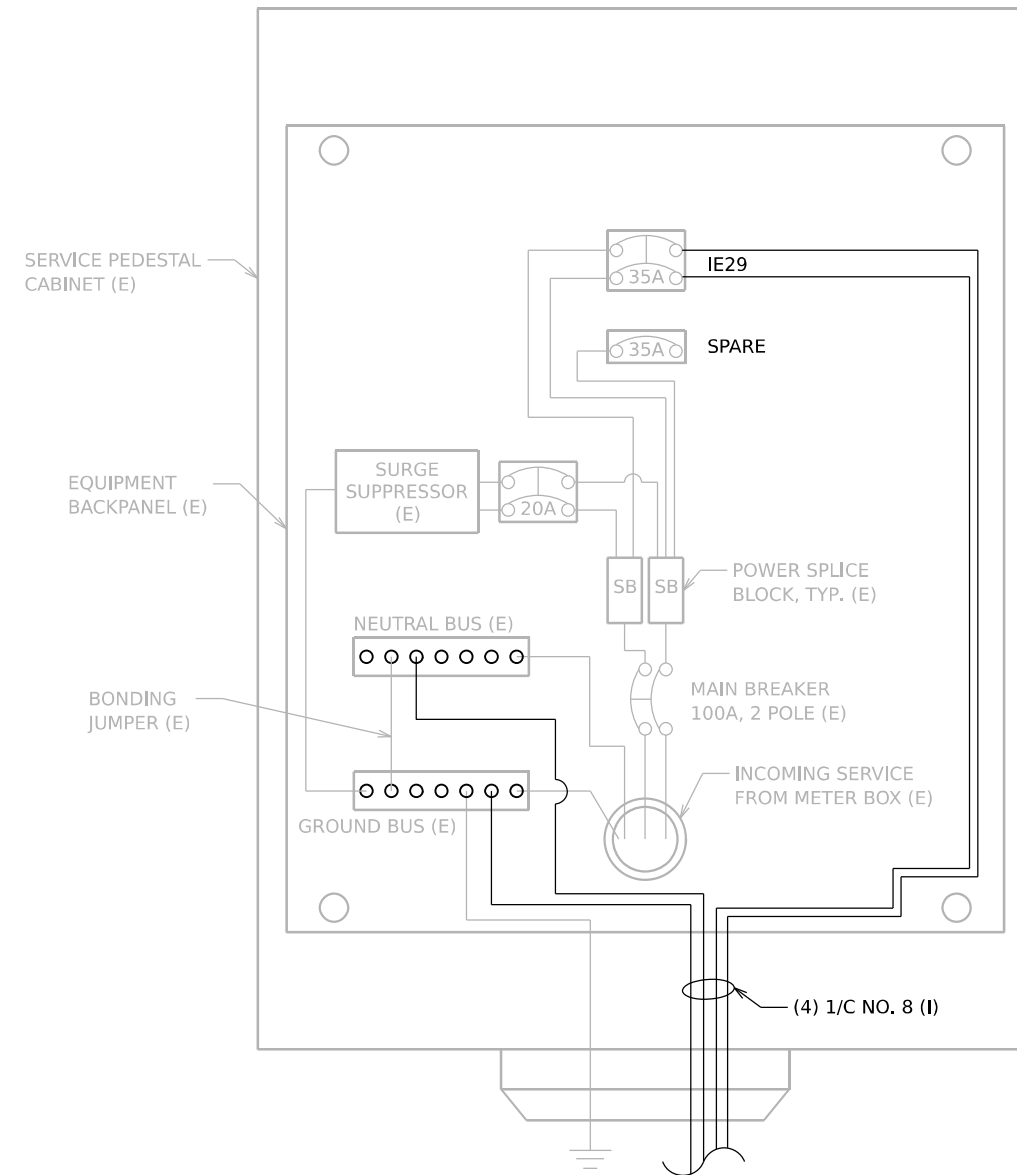
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	311
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 770+69
240/120V, 1PH**

NOTES

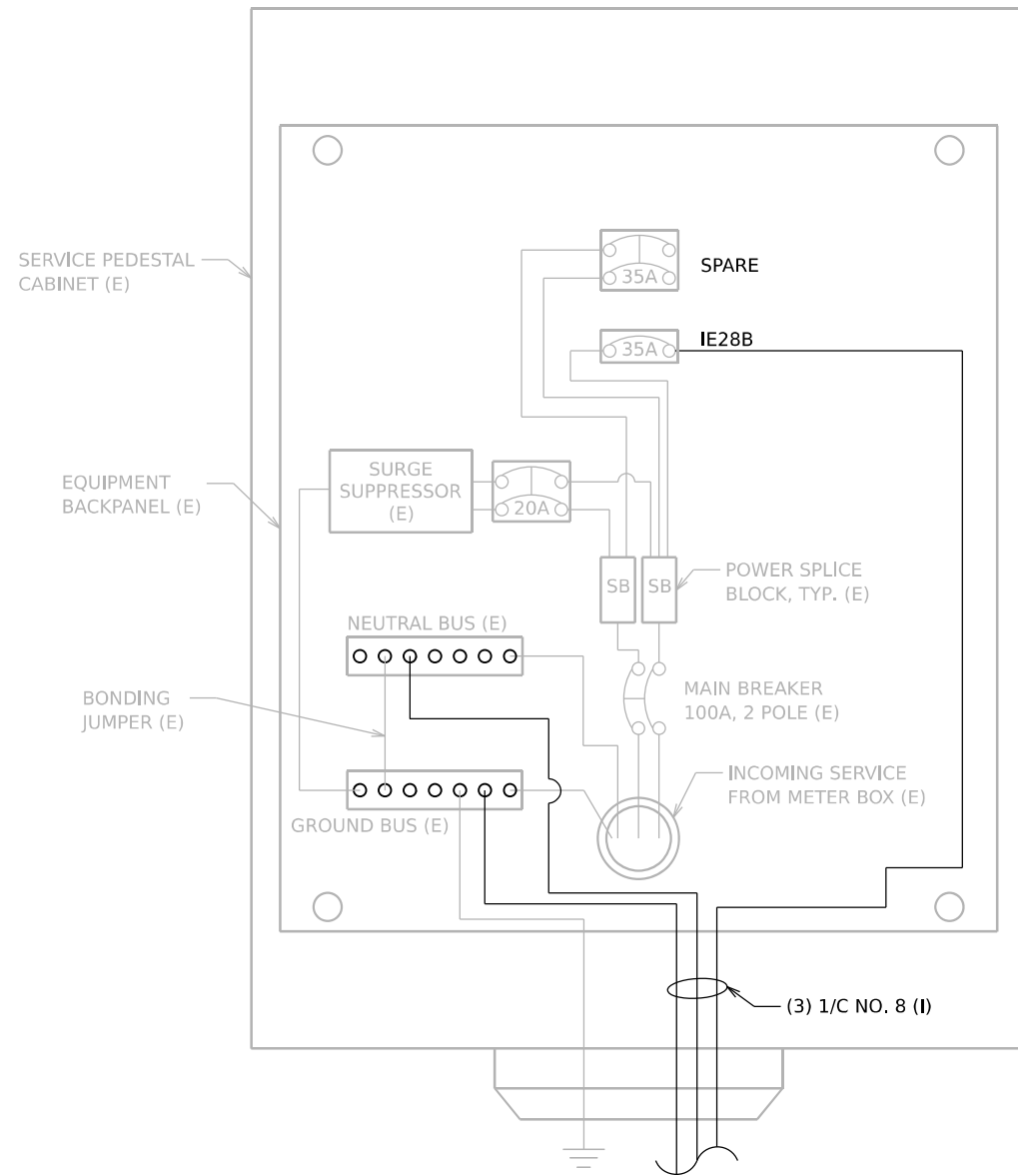
1. THE ELECTRIC SERVICE EQUIPMENT ASSEMBLY SHALL BE UL LABELED, SUITABLE FOR USE AS SERVICE EQUIPMENT.
2. CIRCUIT BREAKERS SHALL BE THERMAL MAGNETIC BOLT-ON TYPE WITH A MINIMUM INTERRUPTING CAPACITY OF 10,000 SYMETRICAL AMPERES AT 240V LINE TO LINE SERVICE OR 14,0000 AT 480V RATED AT LINE TO LINE SERVICE. THEY SHALL BE LOCKABLE IN THE "OFF" POSITION FOR COMPLIANCE WITH OSHA LOCK-OUT/TAG-OUT REQUIREMENTS. HANDLES SHALL BE TRIP FREE.
3. THE SURGE PROTECTOR SHALL BE SUITABLE FOR THE INCOMING SINGLE PHASE 60HZ AC ELECTRICAL SERVICE, WITH A SURGE CURRENT RATING OF 50,00 AMPS OR BETTER, RATED -40 TO 65 DEGREES C., WITH LED OPERATING INDICATORS, AND SHALL BE UL LISTED PER UL 1449. SURGE PROTECTOR SHALL BE WIRED FOR THE INCOMING SERVICE VOLTAGE. FOLLOW MANUFACTURER RECOMMENDED WIRING SPECIFICATIONS.



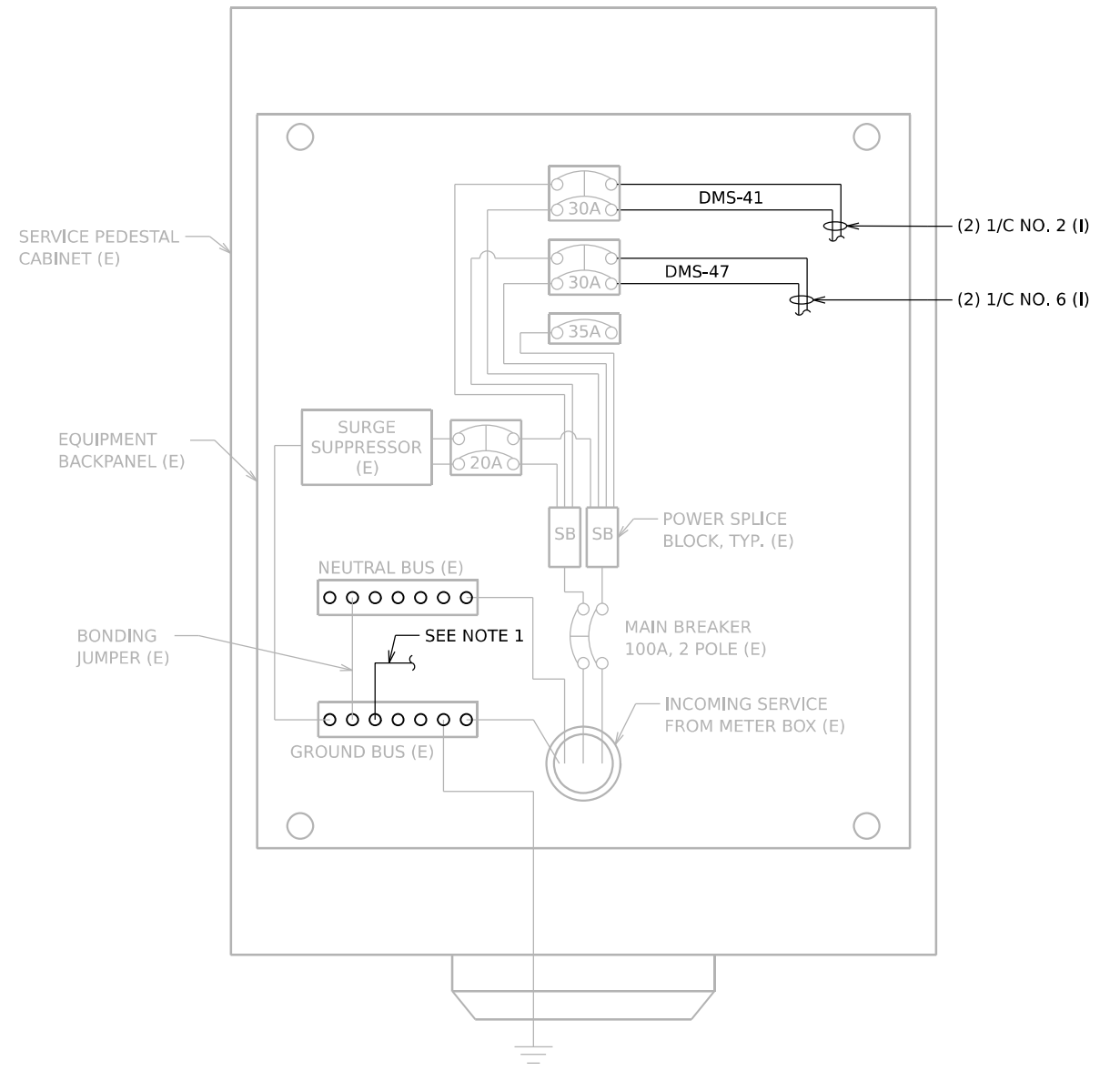
**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 783+69
240/120V, 1PH**

4. BUS BARS, CONNECTORS AND LUGS SHALL BE COPPER, INSULATED AND ISOLATED AND CONFIGURED TO PREVENT SHORTED CONDITIONS FROM TIGHTENING TERMINATIONS, ETC. THE OVERALL BUS SECTION SHALL BE CONFIGURED BEHIND AN INSULATING BARRIER SHIELD WHICH IS REMOVABLE FOR ACCESS TO CONNECTIONS.
5. A PLASTIC LAMINATED CABINET LAYOUT DIAGRAM, CIRCUIT SCHEMATIC, AND BILL OF MATERIALS WITH CATALOG NUMBERS USED SHALL BE AFFIXED TO THE INTERIOR SIDE OF THE ENCLOSURE DOOR.
6. EQUIPMENT IN DIAGRAMS ABOVE ARE NOT TO SCALE AND WIRING SCHEMATIC IS DIAGRAMMATIC. CONTRACTOR TO SUBMIT WIRING DIAGRAM AND EQUIPMENT LAYOUT FOR APPROVAL BY THE ENGINEER.

MODEL: 20 SHEET 14
FILE NAME: C:\TRANSMISSIONS\LOCAL\TRANSMISSIONS-PH\01\DM632565\62R19-SHT-ITS-POWER-08.DGN



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 800+18
480/240V, 1PH**



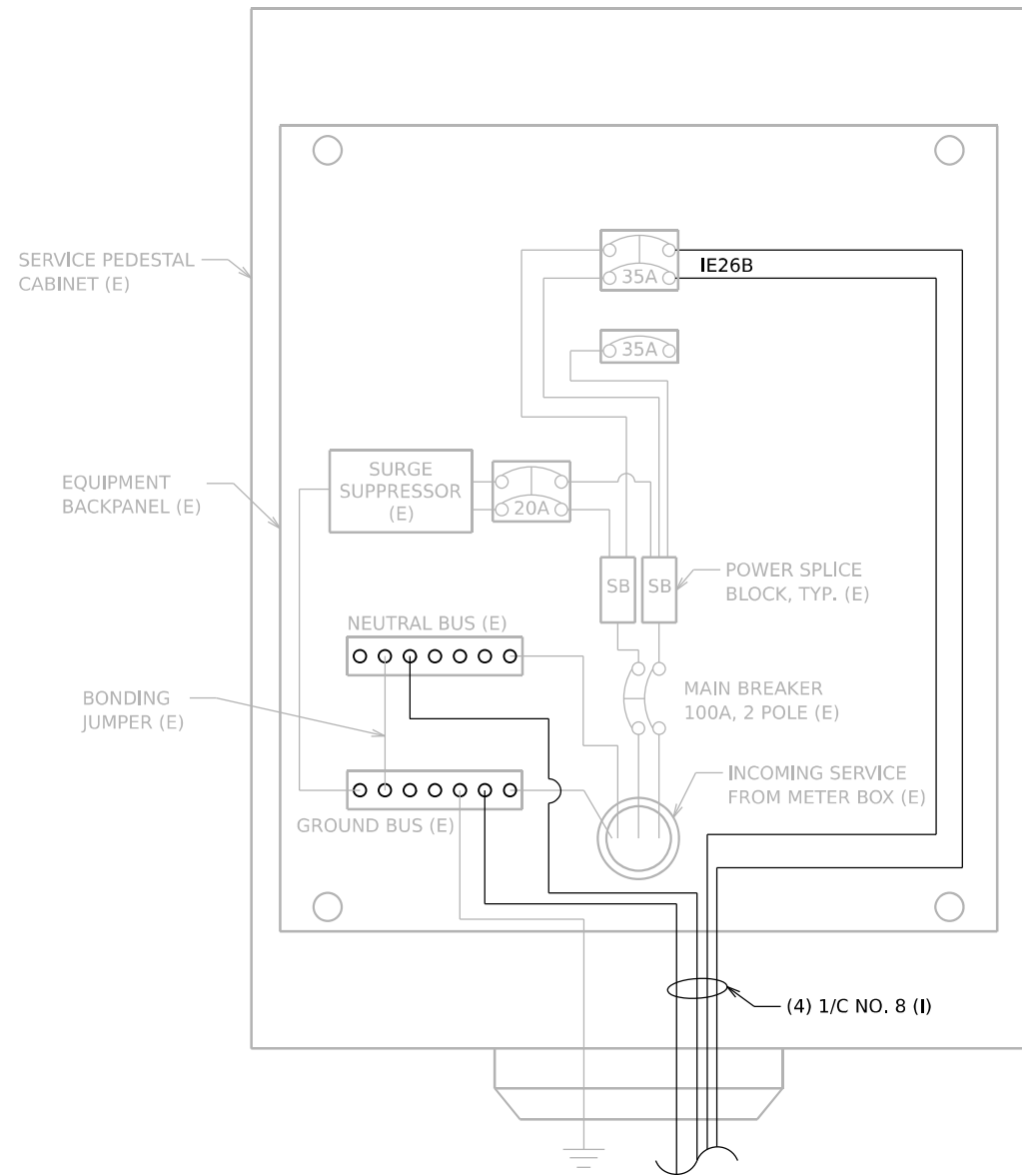
**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 867+05
480/240V, 1PH**

NOTES

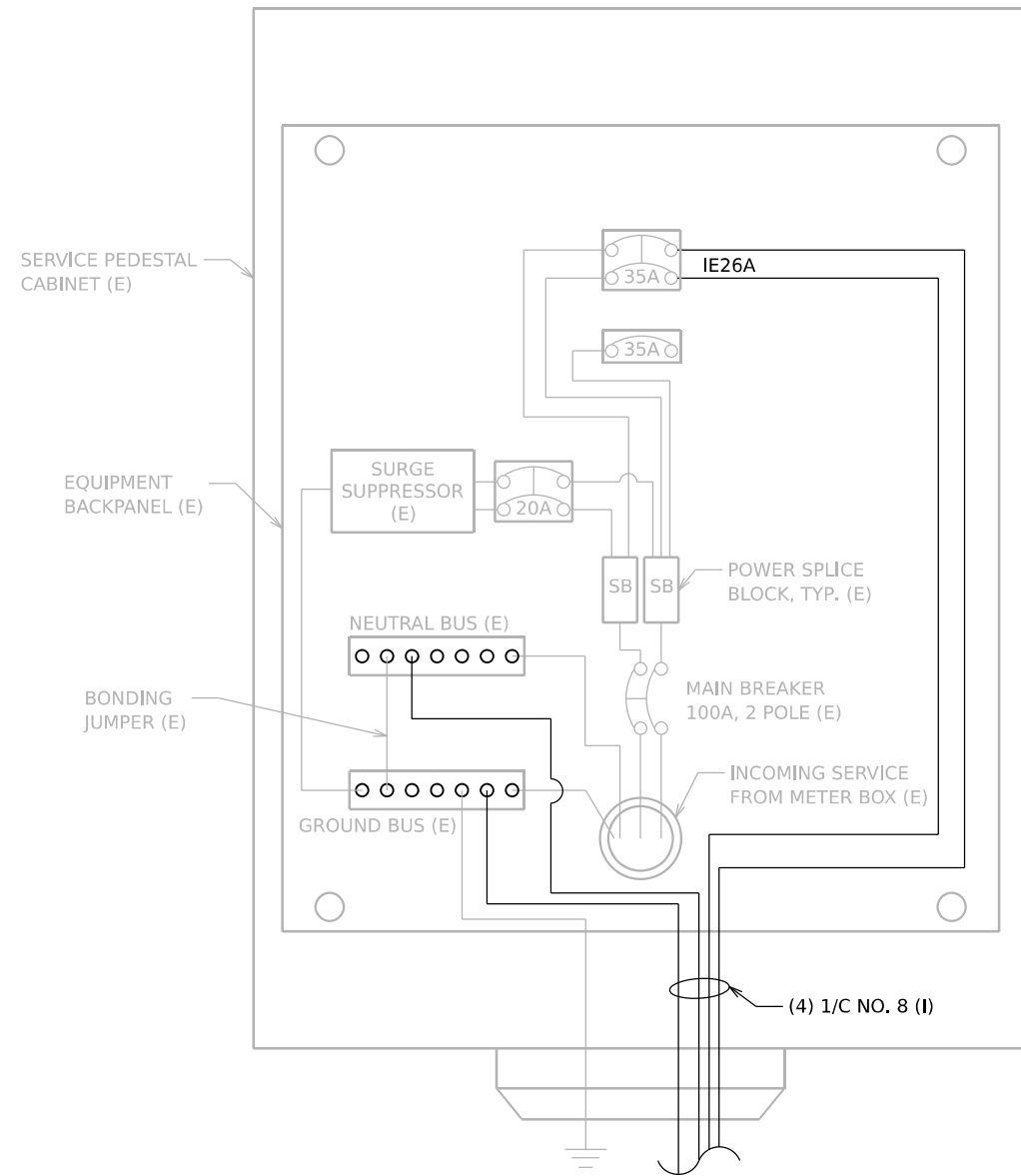
1. PROVIDE WIRES FROM THE GROUND BUS BAR AND ROUTE TO EACH INDIVIDUAL SITE:

SITE	NEUTRAL WIRE	GROUND WIRE
DMS-41	N/A	(1) 1/C NO. 6 (I)
DMS-47	N/A	(1) 1/C NO. 8 (I)

MODEL: 20 SHEET 14
FILE NAME: C:\TRANSMISSIONS\LOCAL\TRANSMISSIONS-PW\01\DM52356562R19-SHT-ITS-POWER-09.DGN



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 895+10
240/120V, 1PH**



**SERVICE PEDESTAL CABINET WIRING
AND EQUIPMENT LAYOUT
FOR STATION: 919+54
240/120V, 1PH**

MODEL: 20 SHEET 14
FILE NAME: C:\TRANSMITS\SYSTEMS\HW\01\DM6219-SHT-ITS-POWER-10.DGN



USER NAME = SALASL	DESIGNED - REL	REVISED -
	DRAWN - MRT	REVISED -
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PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

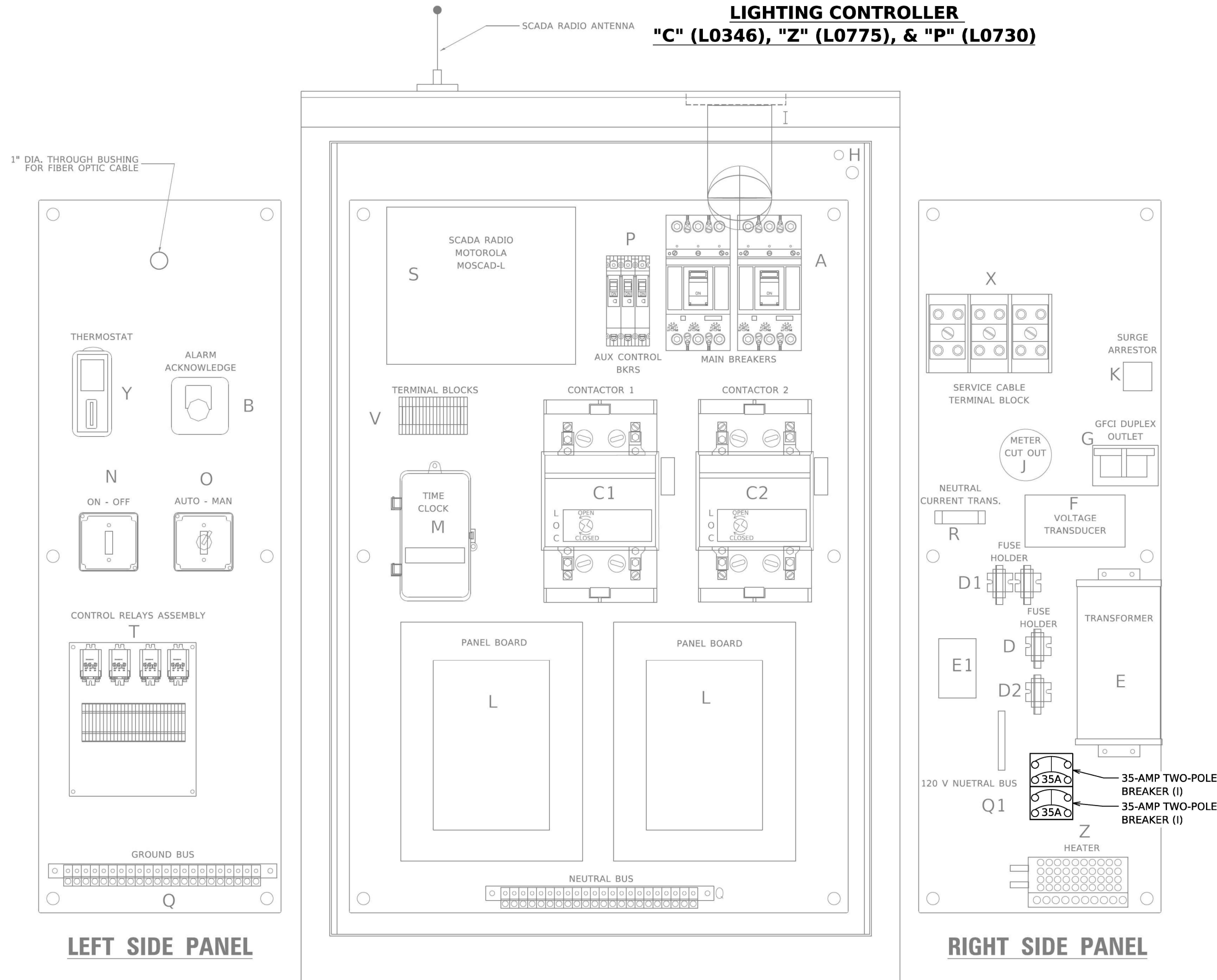
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80
SERVICE METER PEDESTAL DETAILS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	314
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

LIGHTING CONTROLLER "C" (L0346), "Z" (L0775), & "P" (L0730)



EXISTING BILL OF MATERIALS		
ITEM	QTY	DESCRIPTION
A	2	MAIN CIRCUIT BREAKERS 2 POLE 200 AMP WITH AUX CONTACT
B	1	ACKNOWLEDGE SWITCH, PUSH BUTTON WITH YELLOW INSERT
C1, C2*	2	CONTACTOR 2 POLE 200 AMP 240V COIL WITH AUX CONTACTS
D	1	FINGERSAFE FUSE HOLDER WITH KTK - 20A FUSE
D1	2	FINGERSAFE FUSE HOLDER WITH KTK - 1/2 A FUSE
D2	1	FINGERSAFE FUSE HOLDER WITH KTK - 2A FUSE
E	1	2.0 KVA 277V-240/120 TRANSFORMER
E1	1	0.25 KVA240/ 120 - 24 VAC TRANSFORMER
F	1	VOLTAGE TRANSDUCER WITH COVER TERMINALS
G	1	20 AMP GFCI DUPLEX OUTLET W/COVER
H	2	DOOR SWITCH
I	1	LIGHT FIXTURE
J	1	METER FITTING 1 PHASE 3 WIRE 200 AMP
K	1	SURGE ARRESTOR
L	2	PANEL BOARD 480/ 240V 1 PHASE, 250 AMP COPPER BUS
M	1	2 CHANNEL DIGITAL TIME CLOCK
N	1	MOMENTARY SWITCH ON - OFF
O	1	SQUARE D, 9001K511BH13, 2 POSITION SWITCH IN 9001KY1 ENCLOSURE OR APPROVED EQUAL
P	2	BREAKER 1P 15A
Q	2	COPPER GROUND AND NEUTRAL BUS 1 X 16 X 1/4
Q1	1	COPPER NEUTRAL BUS WITH 1 #6 AND 8 #12 CONDUCTOR POINTS
R	1	CURRENT TRANSDUCER
S	1	MOTOROLA MOSCAD-L RADIO, 240 V
T*	1	CONTROL RELAY ASSEMBLY 240V COILS WITH 4 - 3PDT 25A RELAYS (W389ACX-15) (R1, R2, R3, R4). QTY 32 TERMINAL BLOCKS
V	20	TERMINAL BLOCKS
X*	1	620 AMP SPLICE BLOCK
Y	1	40-80 DEGREE THERMOSTAT
Z	1	375 WATT HEATER

* TERMINALS SHALL BE COVERED WITH CLEAR PLEXIGLASS SHEET

MODEL: DP SHEET V
FILE NAME: C:\TRANSISTERS\SYSTEMS\PW-01\DM52565662R19-SHT-ITS-POWER-11.DGN



USER NAME = SALASL	DESIGNED - REL	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - DJM	REVISED -
PLOT DATE = 11/12/2025	CHECKED - WDS	REVISED -
	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 LIGHTING CONTROLLER DETAILS			
SCALE: N.T.S.	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	315
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

MODEL: DP SHEET: V
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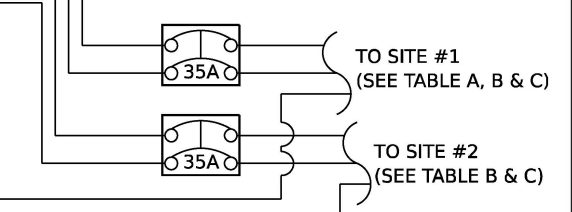
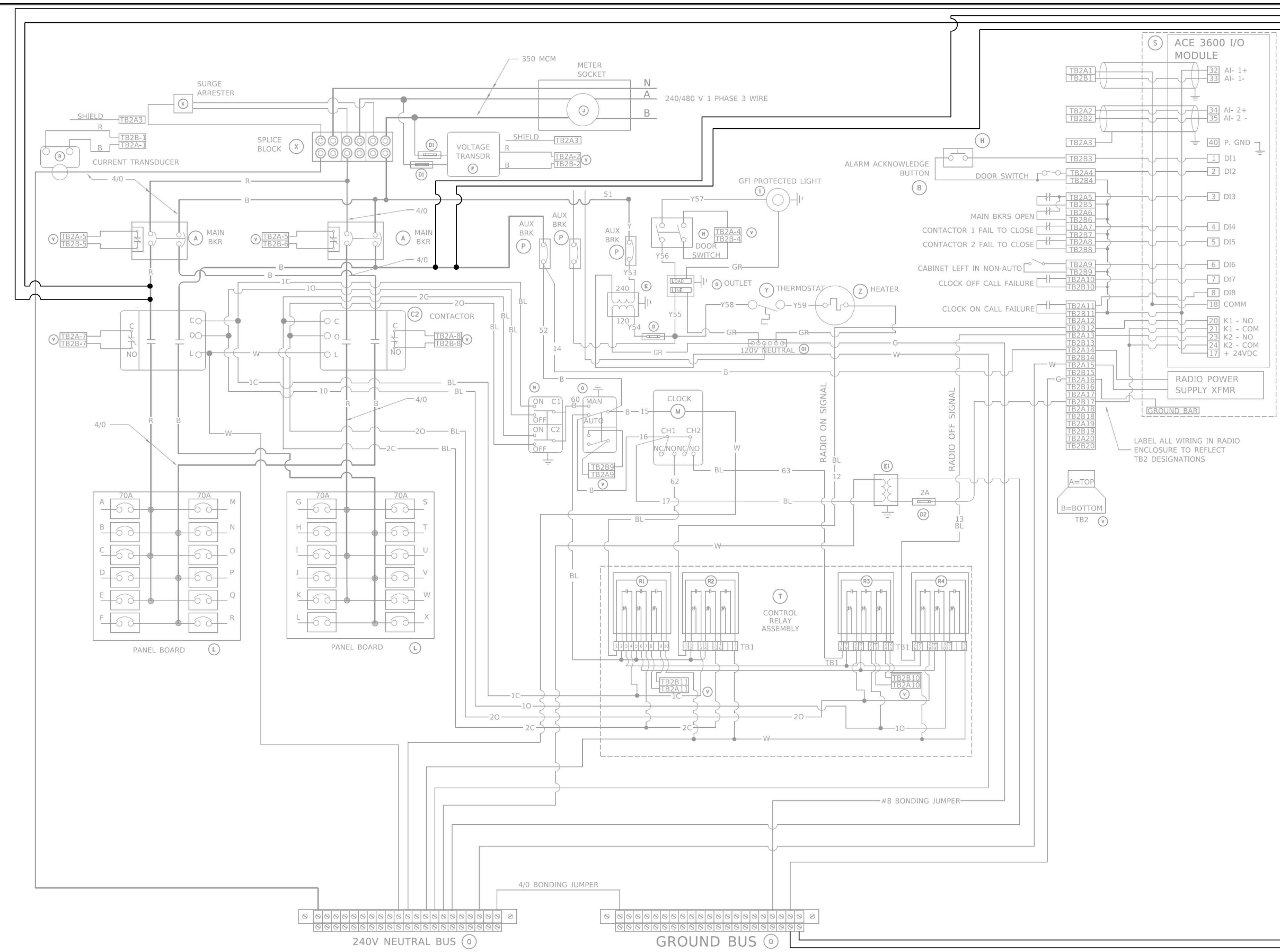


TABLE A: LC "C" (L0346)

SITE #	SITE ID	PHASE WIRES	GROUND WIRE
1	IE37	(2) 1/C NO. 8	(1) 1/C NO. 8 (I)

TABLE B: LC "Z" (L0775)

SITE #	SITE ID	PHASE WIRES	GROUND WIRE
1	IE36	(2) 1/C NO. 6	(1) 1/C NO. 8 (I)
2	IE35A	(2) 1/C NO. 8	(1) 1/C NO. 8 (I)

TABLE C: LC "P" (L0730)

SITE #	SITE ID	PHASE WIRES	GROUND WIRE
1	IE28A	(2) 1/C NO. 8	(1) 1/C NO. 8 (I)
2	IE28	(2) 1/C NO. 8	(1) 1/C NO. 8 (I)

EXISTING BILL OF MATERIALS

ITEM	QTY	DESCRIPTION
A	2	MAIN CIRCUIT BREAKERS 2 POLE 200 AMP WITH AUX CONTACT
B	1	ACKNOWLEDGE SWITCH, PUSH BUTTON WITH YELLOW INSERT
C1, C2*	2	CONTACTOR 2 POLE 200 AMP 240V COIL WITH AUX CONTACTS
D	1	FINGERSAFE FUSE HOLDER WITH KTK - 20A FUSE
D1	2	FINGERSAFE FUSE HOLDER WITH KTK - 1/2 A FUSE
D2	1	FINGERSAFE FUSE HOLDER WITH KTK - 2A FUSE
E	1	2.0 KVA 277V-240/120 TRANSFORMER
E1	1	0.25 KVA240/ 120 - 24 VAC TRANSFORMER
F	1	VOLTAGE TRANSDUCER WITH COVER TERMINALS
G	1	20 AMP GFCI DUPLEX OUTLET W/COVER
H	2	DOOR SWITCH
I	1	LIGHT FIXTURE
J	1	METER FITTING 1 PHASE 3 WIRE 200 AMP
K	1	SURGE ARRESTER
L	2	PANEL BOARD 480/ 240V 1 PHASE, 250 AMP COPPER BUS
M	1	2 CHANNEL DIGITAL TIME CLOCK
N	1	MOMENTARY SWITCH ON - OFF
O	1	SQUARE D, 9001KS11BH13, 2 POSITION SWITCH IN 9001KY1 ENCLOSURE OR APPROVED EQUAL
P	2	BREAKER 1P 15A
Q	2	COPPER GROUND AND NEUTRAL BUS 1 X 16 X 1/4
Q1	1	COPPER NEUTRAL BUS WITH 1 #6 AND 8 #12 CONDUCTOR POINTS
R	1	CURRENT TRANSDUCER
S	1	MOTOROLA MOSCAD-L RADIO, 240 V
T*	1	CONTROL RELAY ASSEMBLY 240V COILS WITH 4 - 3PDT 25A RELAYS (W389ACX-15) (R1, R2, R3, R4). QTY 32 TERMINAL BLOCKS
V	20	TERMINAL BLOCKS
X*	1	620 AMP SPLICE BLOCK
Y	1	40-80 DEGREE THERMOSTAT
Z	1	375 WATT HEATER

* TERMINALS SHALL BE COVERED WITH CLEAR PLEXIGLASS SHEET

LIGHTING CONTROLLER
"C" (L0346), "Z" (L0775), & "P" (L0730)



USER NAME = SALASL	DESIGNED - REL	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - DJM	REVISED -
PLOT DATE = 11/12/2025	CHECKED - WDS	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

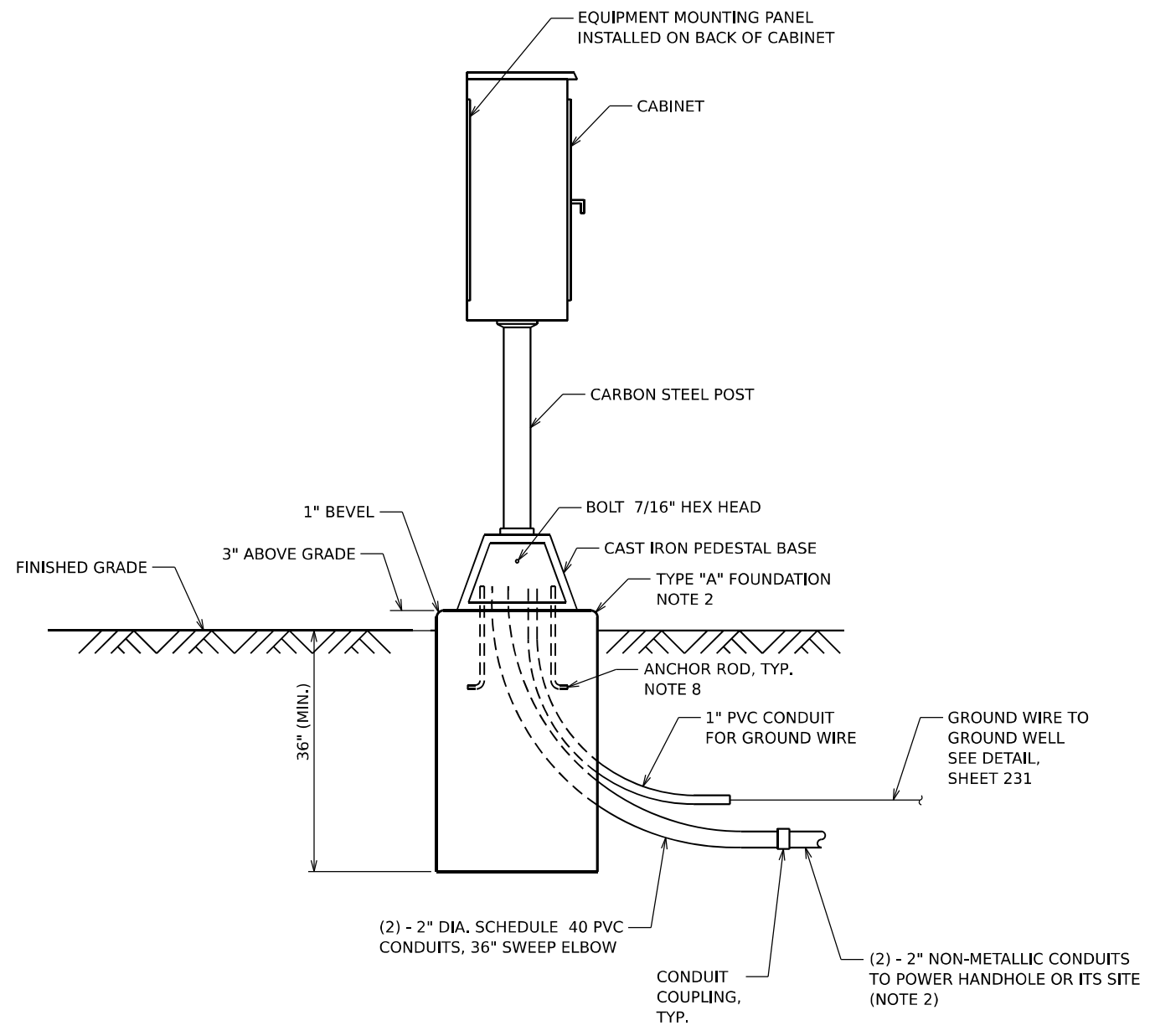
I-80
LIGHTING CONTROLLER DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	316

CONTRACT NO. 62R19

ILLINOIS FED. AID PROJECT



DISCONNECT SWITCH

NOTES

1. UNLESS OTHERWISE INDICATED, ALL ITEMS AND WORK SHOWN SHALL BE INCLUDED AND PAID AS PART OF THE DISCONNECT SWITCH PAY ITEM (X8570100).
2. THIS ITEM SHALL BE MEASURED SEPARATELY FOR PAYMENT.
3. CABINETS, CABINET POSTS AND CABINET PEDESTALS SHALL BE PRIMED AND PAINTED. THE EXTERIOR SHALL HAVE TWO EPOXY FINISH COATS OF ANSI-61 GRAY. THE INTERIOR SHALL BE PAINTED WHITE.
4. THE CABINET SHALL BE 36"H X 20"W X 15"D, FABRICATED FROM ALUMINUM WITH A MINIMUM THICKNESS OF .125", RATED NEMA TYPE 3R AND HAVE A MOUNTING BACK PLATE.
5. THE CABINET DOOR SHALL HAVE A CONTINUOUS HINGE THAT IS BOLTED TO THE CABINET AND DOOR WITH 1/4-20 STAINLESS STEEL CARRIAGE BOLTS AND NY-LOCK NUTS. THE HINGE SHALL BE INSTALLED ON THE RIGHT SIDE WHEN FACING THE CABINET AND BE MADE OF STAINLESS STEEL WITH A 0.25 INCH DIAMETER STAINLESS STEEL HINGE PIN. THE HINGE PIN SHALL BE CAPPED TOP AND BOTTOM BY WELD TO RENDER IT TAMPER-PROOF. THE CABINET SHALL HAVE A GASKET THAT FORMS A WEATHER-TIGHT SEAL BETWEEN THE CABINET AND DOOR. THE DOOR LATCHING MECHANISM SHALL BE THE 3-POINT DRAW ROLLER TYPE. WHEN THE DOOR IS CLOSED AND LATCHED, IT WILL BE LOCKED. THE LATCHING HANDLE SHALL BE FABRICATED FROM A 0.75" STAINLESS STEEL ROUND BAR AND SHALL HAVE A PROVISION FOR PADLOCKING IN THE CLOSED POSITION.
6. THE ENCLOSURE SHALL BE EQUIPPED WITH TWO ADJUSTABLE "C" MOUNTING CHANNELS WELDED ON BOTH SIDE WALLS AND BACK WALL OF THE ENCLOSURE, ALLOWING VERSATILE POSITIONING OF SHELVES OR PANELS. MOUNTING CHANNELS SHALL BE FACTORY PAINTED SAME COLOR AS INTERIOR OF CABINET.
7. CABINET DOOR SHALL NOT HAVE COMPARTMENT DOORS OR LOUVERS. INTERIOR OF CABINET DOOR SHALL HAVE A PLASTIC POCKET FOR WIRING SCHEMATIC.
8. CONTRACTOR MUST COORDINATE WITH PEDESTAL BASE SUPPLIER AND FURNISH THE NECESSARY ANCHOR RODS.
9. THE EQUIPMENT ASSEMBLY SHALL BE ASSEMBLED BY A UL 508A INDUSTRIAL CONTROL PANEL FABRICATOR. THE PANEL ASSEMBLY SHALL BE UL LABELED AND SUITABLE FOR USE AS SERVICE EQUIPMENT.
10. ALL EQUIPMENT SHALL BE GROUNDED AND BONDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE AND THE NATIONAL ELECTRICAL SAFETY CODE.

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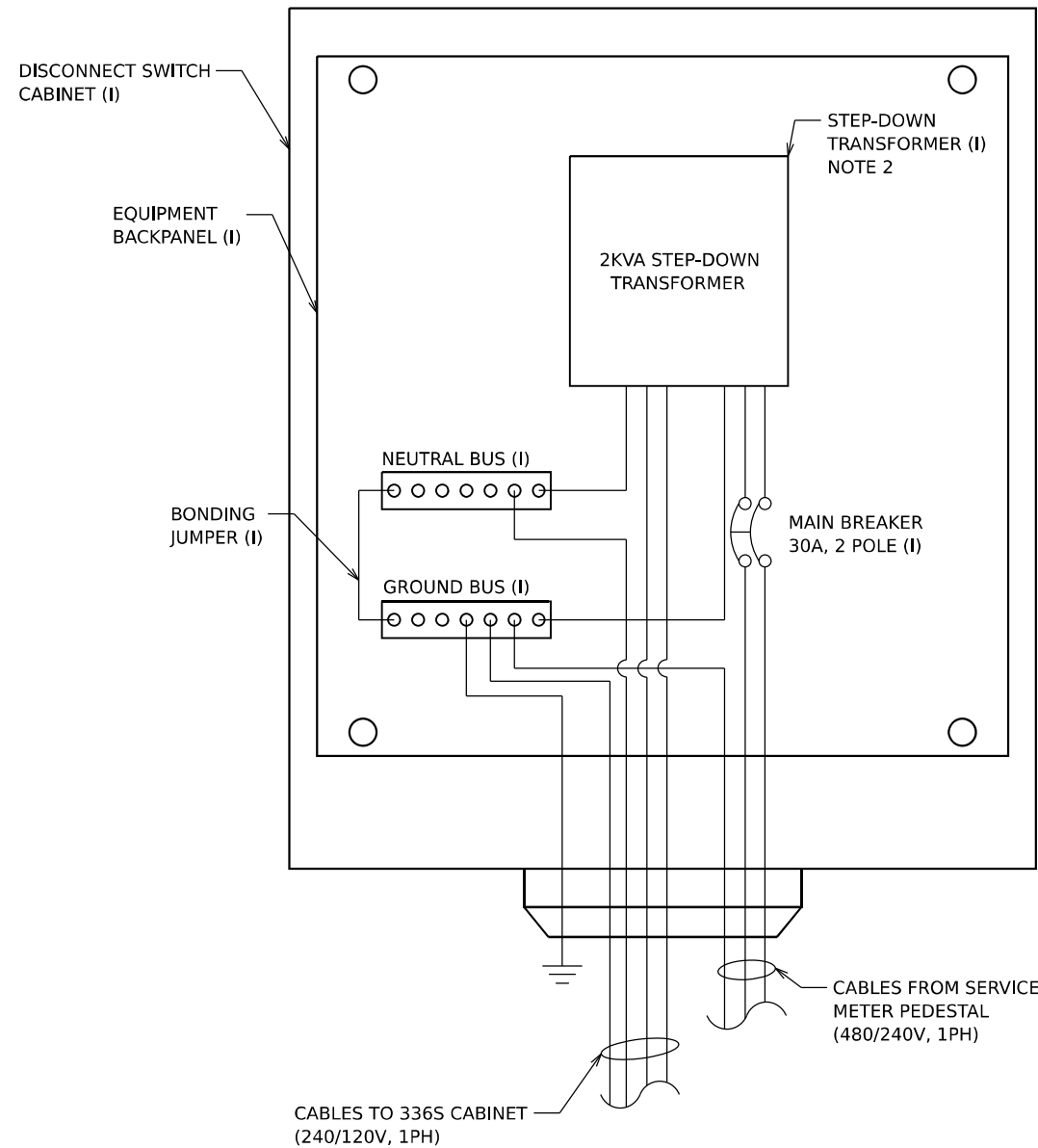
ATLAS
 ATLAS TECHNICAL CONSULTANTS, LLC
 100 S. WACKER DRIVE, SUITE 400
 CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - REL	REVISED -
PLOT SCALE = 0.16666667 1/ IN.	DRAWN - DJM	REVISED -
PLOT DATE = 11/12/2025	CHECKED - WDS	REVISED -
	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-80 DISCONNECT SWITCH DETAILS			
SCALE: N.T.S.	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	317
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



DISCONNECT SWITCH WITH STEP-DOWN TRANSFORMER FOR ITS SITE

ABOVE DETAIL IS APPLICABLE TO THE FOLLOWING LOCATIONS:

STATION	OFFSET	SITE ID
171+42	81' RT	IE40A
187+13	90' RT	IE40
222+50	81' RT	IE39A
241+50	87' RT	IE39

STATION	OFFSET	SITE ID
259+50	83' LT	IE38B
278+50	95' LT	IE38A
296+00	98' LT	IE38
315+75	73' RT	IE37D

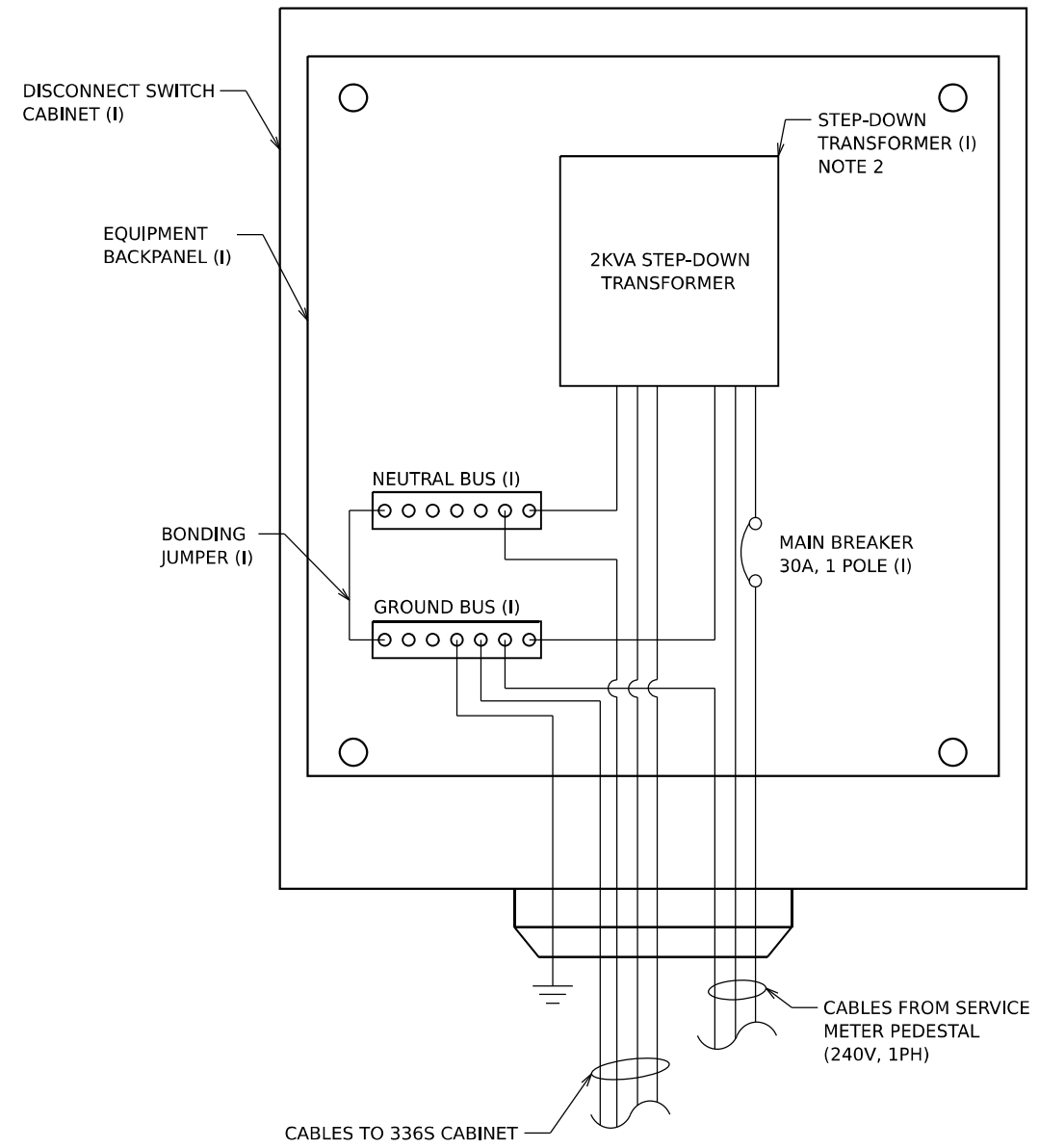
STATION	OFFSET	SITE ID
369+00	100' LT	IE36B
384+50	83.5' LT	IE36A
411+00	95' RT	IE36
436+25	146' RT	IE35A

STATION	OFFSET	SITE ID
451+65	71' LT	IE35
477+00	110' RT	IE34B
520+75	85' LT	IE34
555+47	100' LT	IE33

STATION	OFFSET	SITE ID
725+59	146' RT	IE30A
732+25	93' RT	IE30
817+73	353' LT	IE28A
829+00	110' LT	IE28

NOTES

- UNLESS OTHERWISE INDICATED, ALL ITEMS AND WORK SHOWN SHALL BE INCLUDED AND PAID AS PART OF THE DISCONNECT SWITCH PAY ITEM (X8570100).
- THIS ITEM SHALL BE MEASURED SEPARATELY FOR PAYMENT.

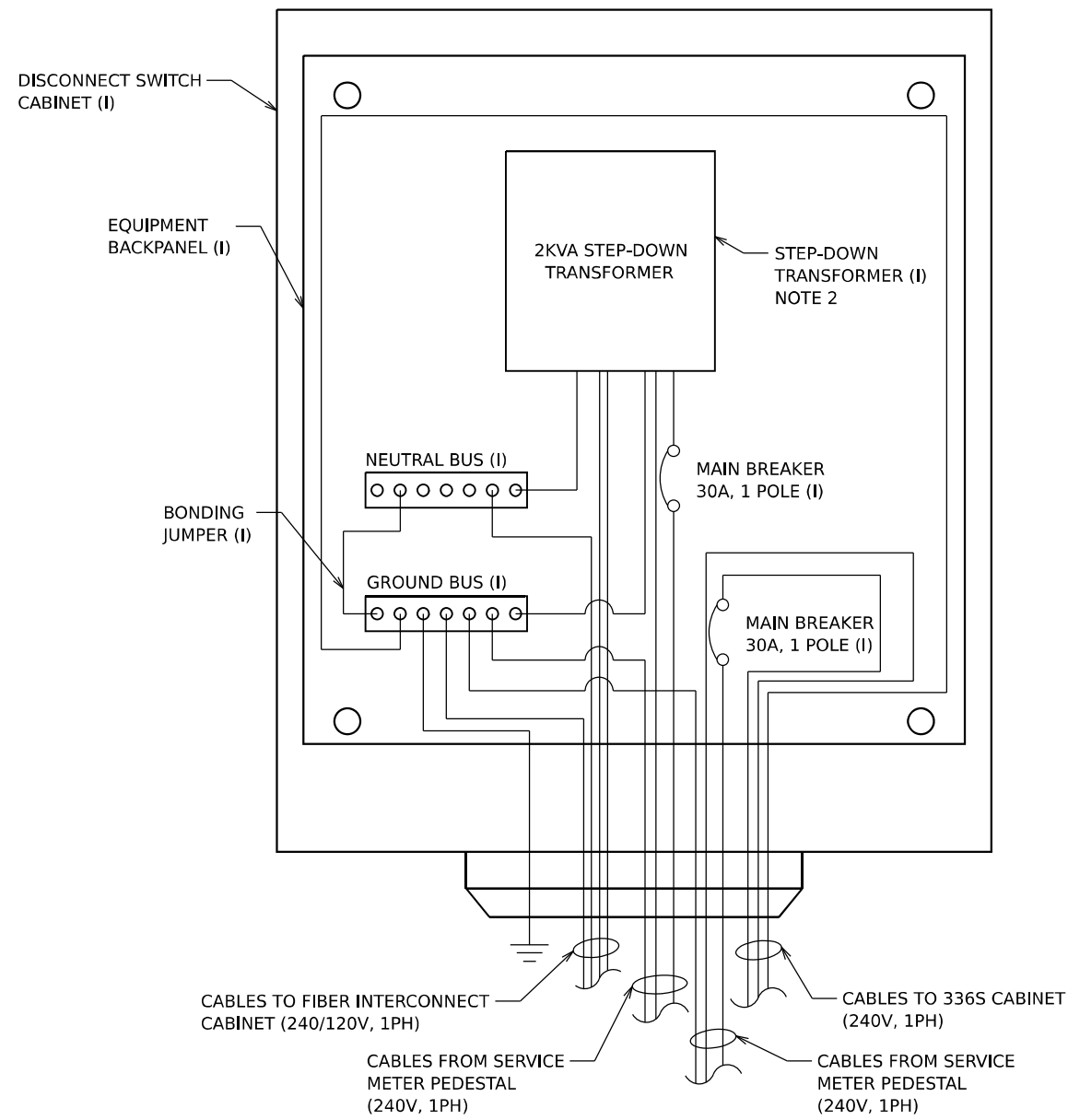


DISCONNECT SWITCH WITH STEP-DOWN TRANSFORMER FOR ITS SITE

ABOVE DETAIL IS APPLICABLE TO THE FOLLOWING LOCATIONS:

STATION	OFFSET	SITE ID
586+74	131' RT	IE32C
596+75	88' LT	IE32B
612+25	97' LT	IE32A

MODEL: 20 SHEET 14
FILE NAME: C:\TRANSMISSIONS\LOCAL\TRANSMISSIONS-PW\01\DM62R19-SHT-ITS-POWER-14.DGN



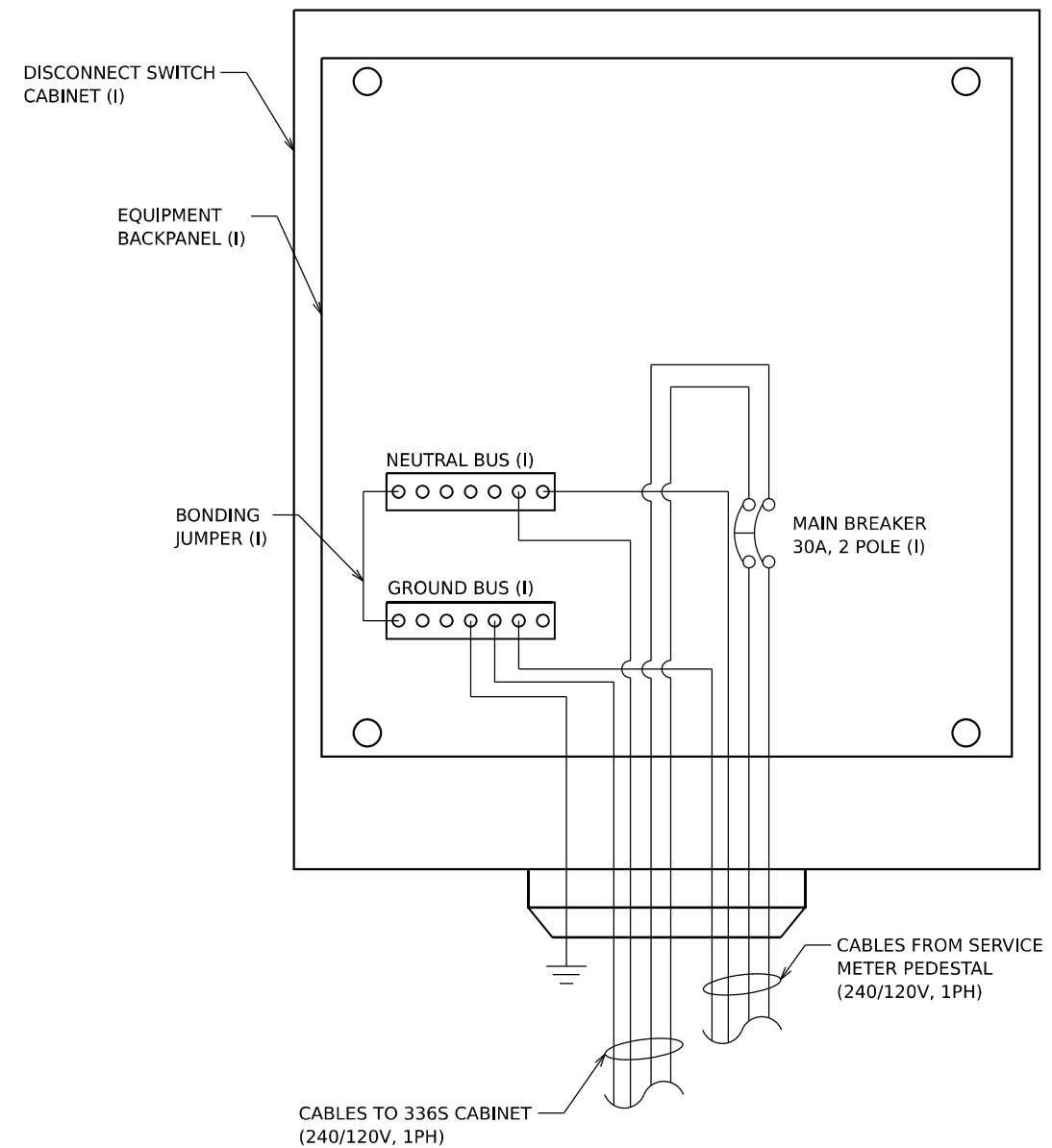
DISCONNECT SWITCH WITH STEP-DOWN TRANSFORMER FOR ITS SITE & FIBER INTERCONNECT CABINET

ABOVE DETAIL IS APPLICABLE TO THE FOLLOWING LOCATION:

STATION	OFFSET	SITE ID
205+63	72' RT	IE39B

NOTES

- UNLESS OTHERWISE INDICATED, ALL ITEMS AND WORK SHOWN SHALL BE INCLUDED AND PAID AS PART OF THE DISCONNECT SWITCH PAY ITEM (X8570100).
- THIS ITEM SHALL BE MEASURED SEPARATELY FOR PAYMENT.



DISCONNECT SWITCH FOR ITS SITE

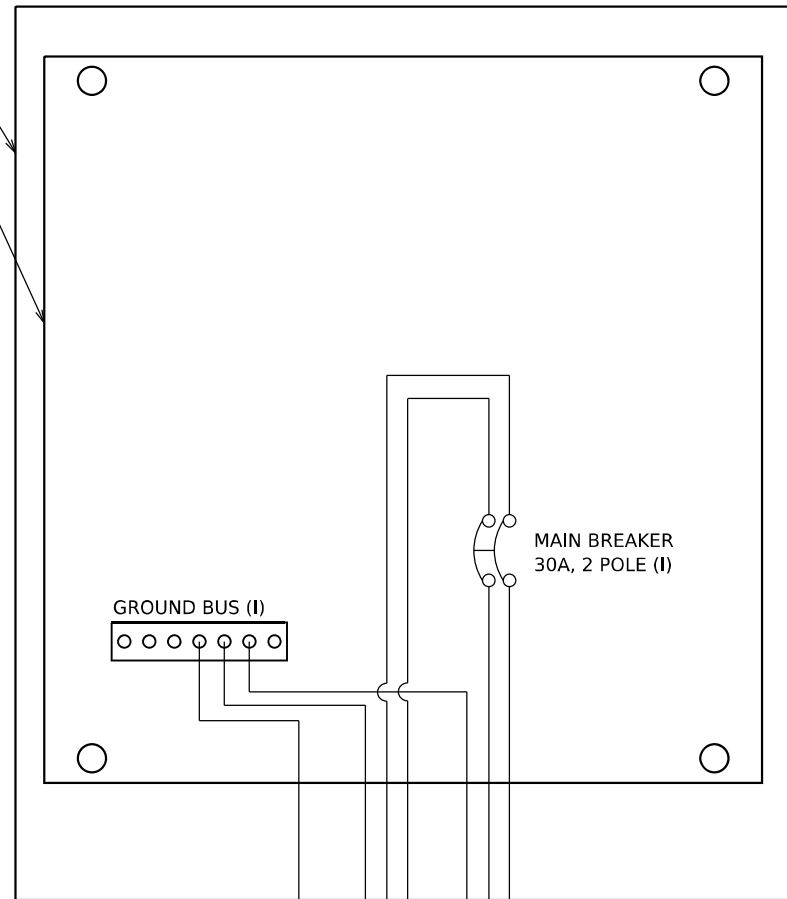
ABOVE DETAIL IS APPLICABLE TO THE FOLLOWING LOCATION:

STATION	OFFSET	SITE ID
895+10	96' RT	IE26B

MODEL: 20 SHEET 14
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS-PW\01\DM62R19-SHT-ITS-POWER-15.DGN

DISCONNECT SWITCH
CABINET (I)

EQUIPMENT
BACKPANEL (I)



MAIN BREAKER
30A, 2 POLE (I)

GROUND BUS (I)

CABLES FROM SERVICE
METER PEDESTAL
(480/240V, 1PH)

CABLES TO TRANSFORMER
ON OHSS (480/240V, 1PH)

**DISCONNECT SWITCH
FOR DMS SITE**

ABOVE DETAIL IS APPLICABLE TO THE FOLLOWING LOCATIONS:

STATION	OFFSET	SITE ID
501+00	87' RT	DMS-48
854+00	100' RT	DMS-41
869+46	72' LT	DMS-47

NOTES

- UNLESS OTHERWISE INDICATED, ALL ITEMS AND WORK SHOWN SHALL BE INCLUDED AND PAID AS PART OF THE DISCONNECT SWITCH PAY ITEM (X8570100).
- THIS ITEM SHALL BE MEASURED SEPARATELY FOR PAYMENT.

MODEL: 2D SHEET 14
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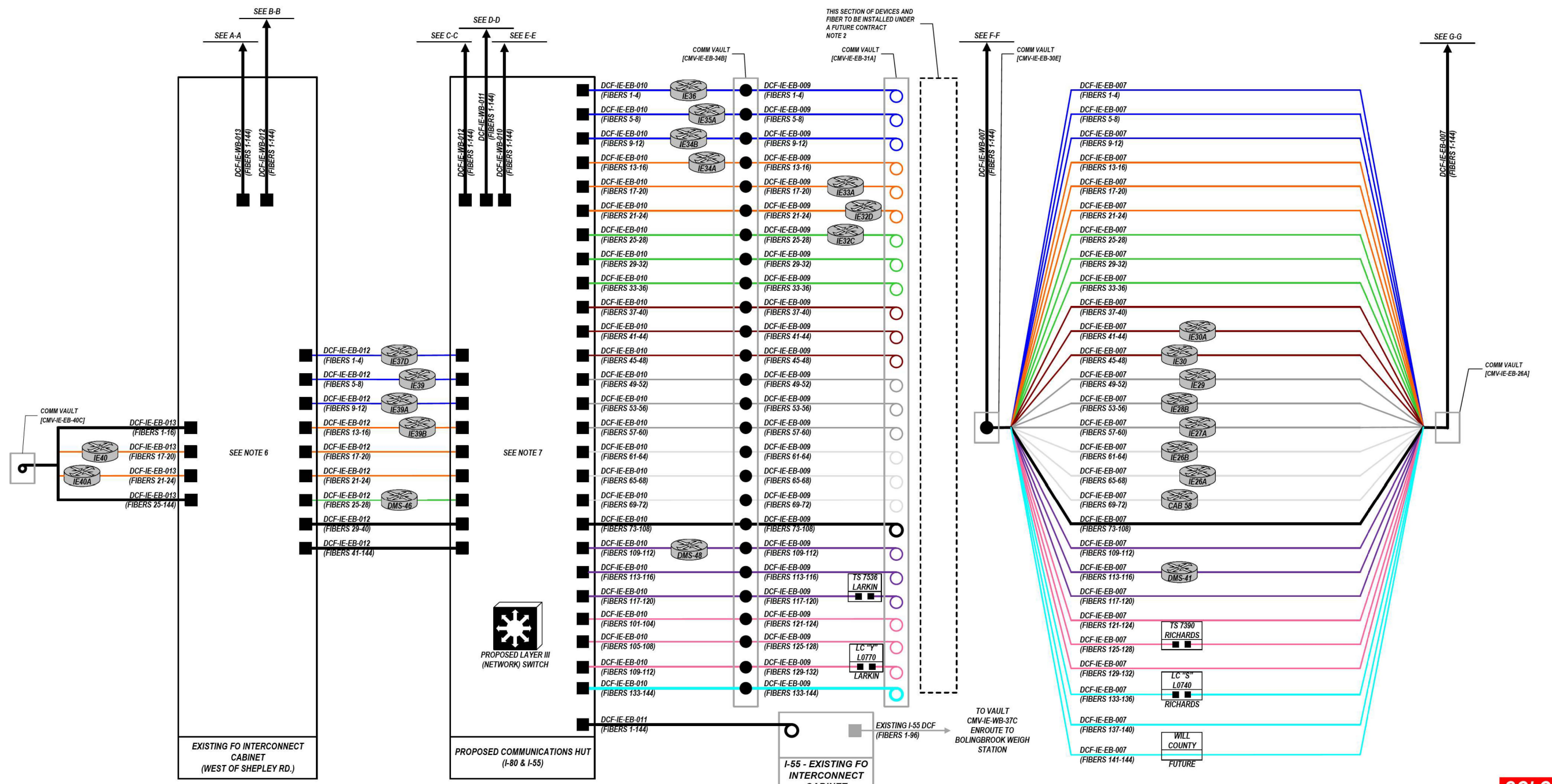
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PLOT DATE = 11/12/2025	CHECKED - WDS	REVISED -
	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80
DISCONNECT SWITCH DETAILS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	320
CONTRACT NO. 62R19			ILLINOIS FED. AID PROJECT	



- NOTES**
1. THE CONTRACTOR SHALL COORDINATE WITH THE IDOT EMC ENGINEER FOR ALL LAYER III NETWORK SWITCH PORT ASSIGNMENTS.
 2. DCF-IE-EB-007 FIBERS 29-40 AND 101-104 ARE RESERVED FOR DEVICES TO BE INSTALLED UNDER A FUTURE CONTRACT.
 3. SEE SHEET 461 FOR PROPOSED I-80 COMMUNICATIONS HUT RACK LAYOUT DETAILS.
 4. SEE SHEETS 325 TO 338 FOR NETWORK SINGLE LINE DIAGRAMS FOR DETAILS.
 5. SEE SHEETS 424 TO 439 FOR FIBER ASSIGNMENT TABLES.
 6. SEE SHEETS 220 FOR FIBER OPTIC JUMPER INSTALLATION SCHEDULE AT EXISTING FIBER OPTIC INTERCONNECT CABINET (WEST OF SHEPLEY).
 7. SEE SHEETS 462 FOR FIBER OPTIC JUMPER INSTALLATION SCHEDULE AT PROPOSED COMMUNICATIONS HUT (I-88 & I-55).

IDOT DCF FIBER – I-80 EASTBOUND

COLOR PLOT

LEGEND

- LAYER II NETWORK SWITCH
- LAYER III NETWORK SWITCH
- TRUNK/ DISTRIBUTION FO CABLE
- FIBER JUMPERS
- FIBER OPTIC CABLE COIL
- FIBER OPTIC FUSION SPLICE
- FIBER OPTIC TERMINATION

MODEL: 02_SHEET_V
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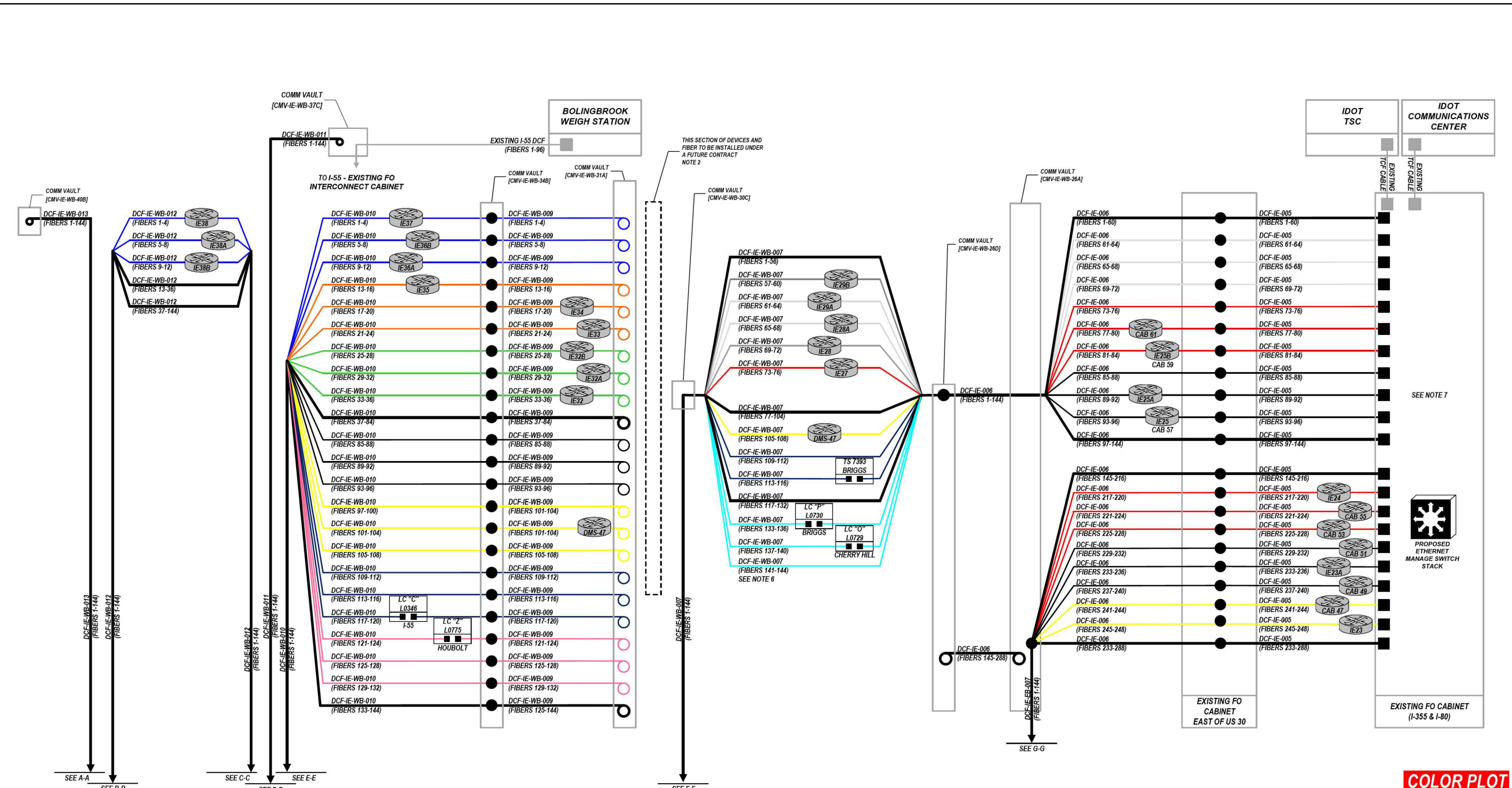


USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - JAM	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: N.T.S.		I-80		F.A.I. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		COMMUNICATION NETWORK OVERVIEW		80	FAI 80 21 VLS	VARIOUS	467	322	
SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 62R19		ILLINOIS		FED. AID PROJECT			

MODEL: DP_SHEET_V
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- NOTES**
- THE CONTRACTOR SHALL COORDINATE WITH THE IDOT EMC ENGINEER FOR ALL LAYER III NETWORK SWITCH PORT ASSIGNMENTS.
 - DCF-IE-WB-007 FIBERS 109-112 AND 125-132 ARE RESERVED FOR DEVICES TO BE INSTALLED UNDER A FUTURE CONTRACT.
 - SEE SHEET 461 FOR PROPOSED I-80 COMMUNICATIONS HUT RACK LAYOUT DETAILS.
 - SEE SHEETS 325 TO 338 FOR NETWORK SINGLE LINE DIAGRAMS FOR DETAILS.
 - SEE SHEETS 424 TO 439 FOR FIBER ASSIGNMENT TABLES.
 - FIBERS 141-144 ARE ASSIGNED FOR US 6 MOVEABLE BRIDGES WHICH WILL BE A FUTURE CONNECTION BY OTHERS.
 - SEE SHEETS 247 FOR FIBER OPTIC JUMPER INSTALLATION SCHEDULE AT EXISTING FIBER OPTIC INTERCONNECT CABINET (I-88/I-355).

IDOT DCF FIBER - I-80 WESTBOUND

COLOR PLOT

LEGEND

- LAYER II NETWORK SWITCH
- LAYER III NETWORK SWITCH
- TRUNK/ DISTRIBUTION FO CABLE
- FIBER JUMPERS
- FIBER OPTIC CABLE COIL
- FIBER OPTIC FUSION SPLICE
- FIBER OPTIC TERMINATION

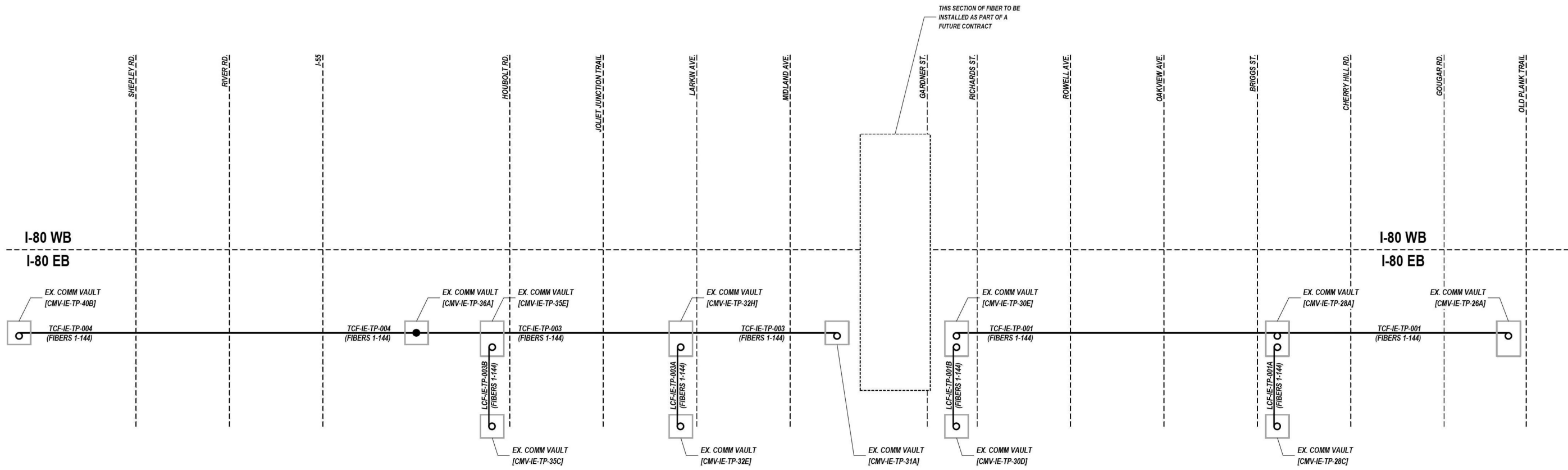


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PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 COMMUNICATION NETWORK OVERVIEW			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 323
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



NOTES

- CONTRACTOR TO SPLICE CABLE ONLY AT LOCATIONS SHOWN ON THE PLANS. NO ADDITIONAL SPLICES SHALL BE ALLOWED UNLESS APPROVED BY THE ENGINEER.

THIRD PARTY FIBER

LEGEND

- LAYER II NETWORK SWITCH
- LAYER III NETWORK SWITCH
- TRUNK/ DISTRIBUTION FO CABLE
- FIBER JUMPERS
- FIBER OPTIC CABLE COIL
- FIBER OPTIC FUSION SPLICE
- FIBER OPTIC TERMINATION

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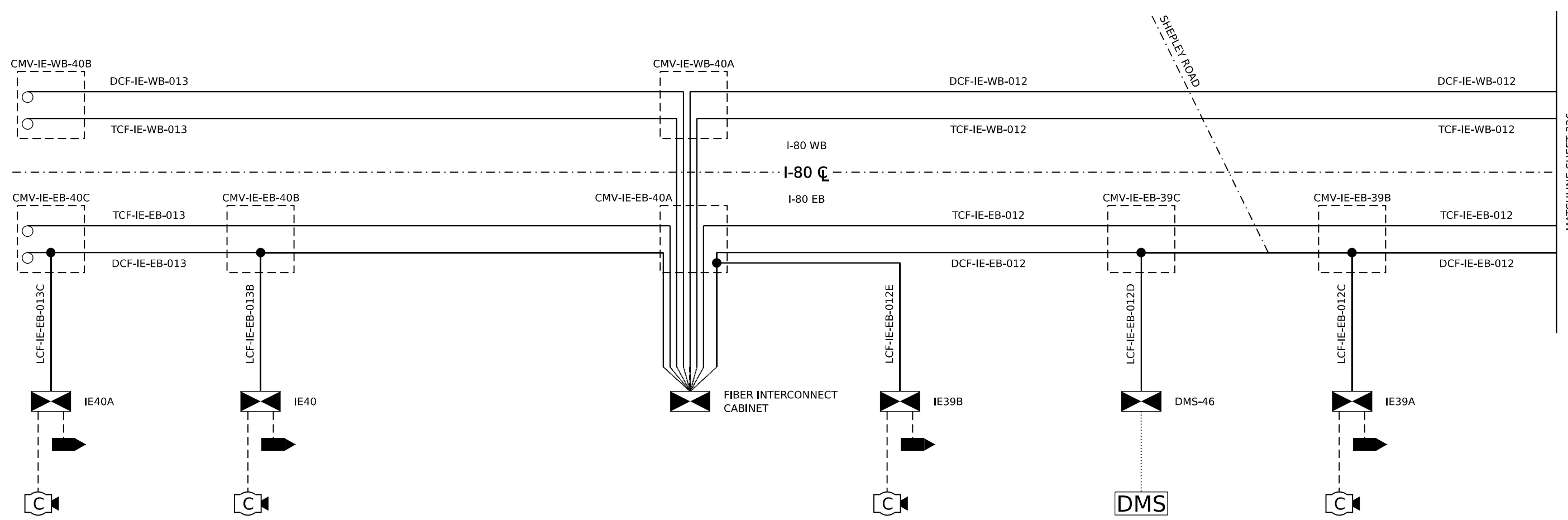
ATLAS
 ATLAS TECHNICAL CONSULTANTS, LLC
 100 S. WACKER DRIVE, SUITE 400
 CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
	DRAWN - JAM	REVISED -
PLOT SCALE = 0.16666667 1/ IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - DJM 25	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-80	
COMMUNICATION NETWORK OVERVIEW	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	324
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	



MODEL: 20 SHEET 14
 FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS-PW\01\DM323656\62R19-SHT-ITS-SLD-01.DGN

LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

CLOSED CIRCUIT TELEVISION DOME CAMERA
 DYNAMIC MESSAGE SIGN
 WIRELESS VEHICLE DETECTION RADIO
 RADAR VEHICLE SENSING DEVICE
 ITS CABINET
 LIGHTING CONTROLLER CABINET
 TRAFFIC SIGNAL CABINET
 FIBER OPTIC CABLE
 CAT-6 CABLE
 NETWORK/COMMUNICATION CABLE
 DMS CABLE(S)
 COILED FIBER CABLE IN VAULT
 FIBER SPLICE (SEE NOTE 1)

IDENTIFICATION TAGS

CMV-IE-XB-XXX COMMUNICATION VAULT
 DCF-IE-XB-XXX DISTRIBUTION CABLE FIBER
 DMS-XX DYNAMIC MESSAGE SIGN
 IEXX OR CAB XX CABINET ID
 LCF-IE-XB-XXXX LATERAL CABLE FIBER
 TCF-IE-XB-XXXX TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.



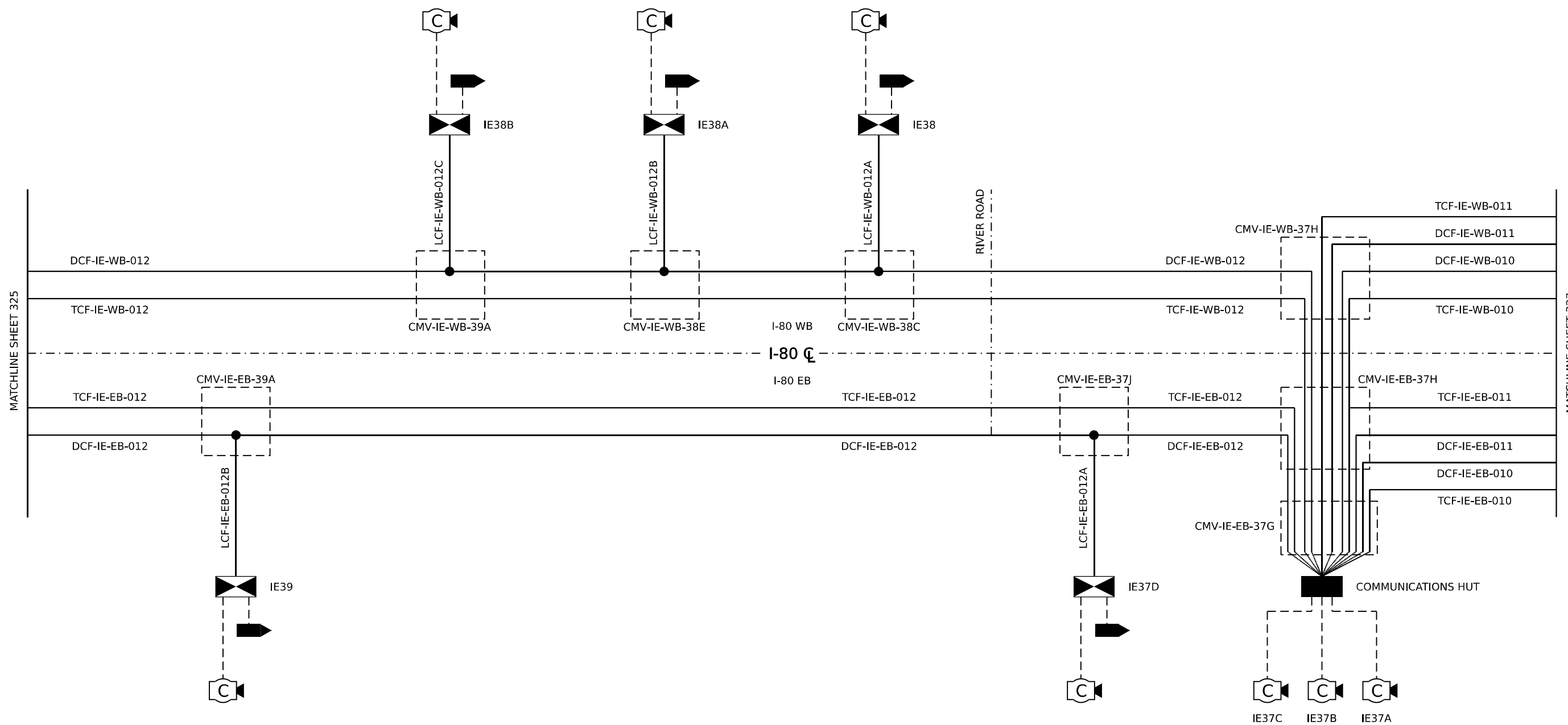
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PLOT SCALE = 0.16666667 "/> <td>DRAWN - JAM</td> <td>REVISED -</td>	DRAWN - JAM	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80
SINGLE LINE DIAGRAM**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	325
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

CLOSED CIRCUIT TELEVISION DOME CAMERA
 DYNAMIC MESSAGE SIGN
 WIRELESS VEHICLE DETECTION RADIO
 RADAR VEHICLE SENSING DEVICE
 ITS CABINET
 LIGHTING CONTROLLER CABINET
 TRAFFIC SIGNAL CABINET
 FIBER OPTIC CABLE
 CAT-6 CABLE
 NETWORK/COMMUNICATION CABLE
 DMS CABLE(S)
 COILED FIBER CABLE IN VAULT
 FIBER SPLICE (SEE NOTE 1)

IDENTIFICATION TAGS

CMV-IE-XB-XXX	COMMUNICATION VAULT
DCF-IE-XB-XXX	DISTRIBUTION CABLE FIBER
DMS-XX	DYNAMIC MESSAGE SIGN
IEXX OR CAB XX	CABINET ID
LCF-IE-XB-XXXX	LATERAL CABLE FIBER
TCF-IE-XB-XXXX	TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.

MODEL: 2D SHEET 14
 FILE NAME: C:\TRANSPORT\SYSTEMS\PHW\01\DM32365\62R19-SHT-ITS-SLD-02.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
	DRAWN - JAM	REVISED -
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PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

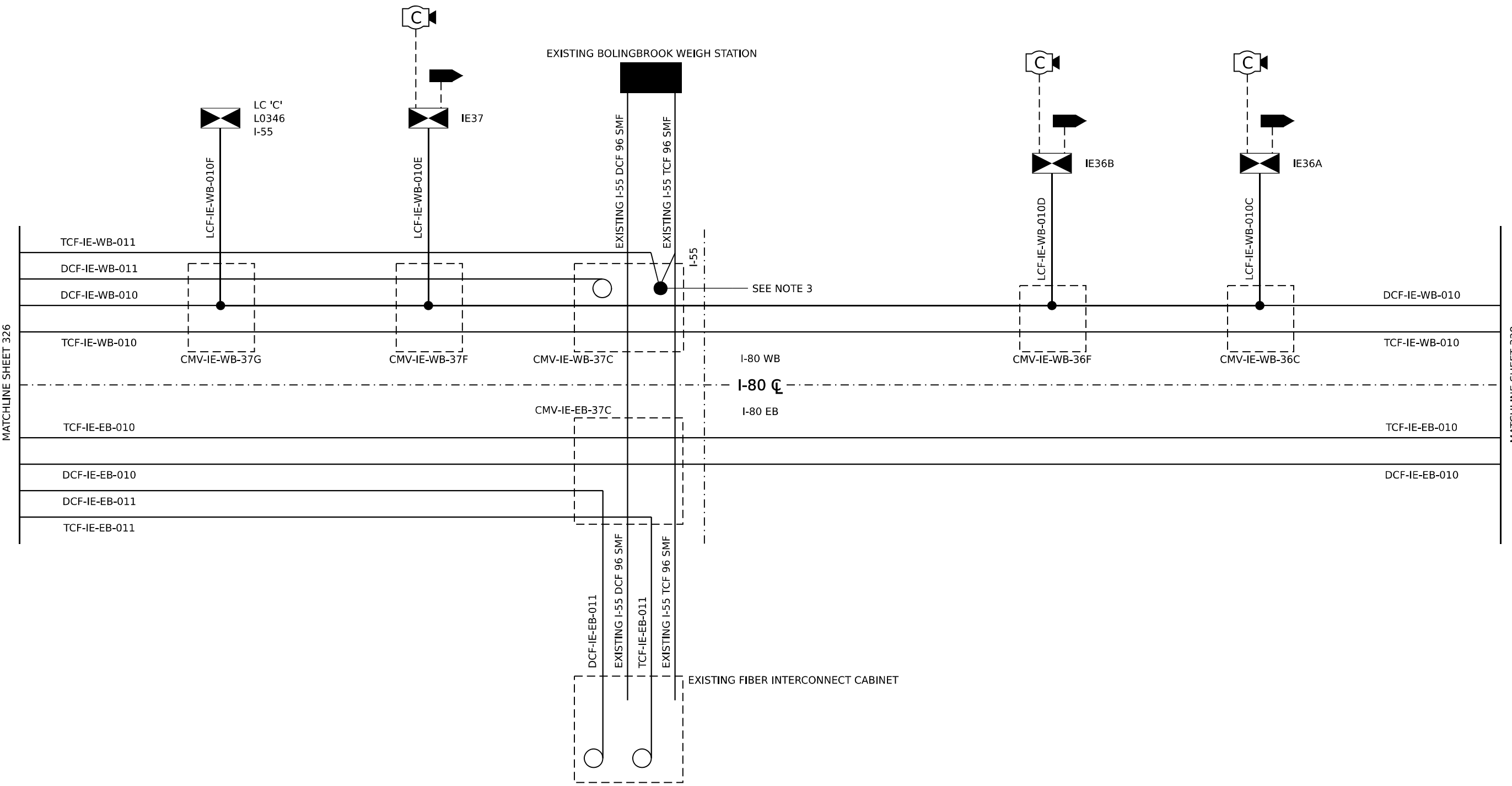
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80
SINGLE LINE DIAGRAM**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	326
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

MODEL: 20 SHEET 14
 FILE NAME: C:\TRANSMEDIA\LOCAL\TRANSMEDIA\SYSTEMS-PHW\01\DM323656\62R19-SHT-ITS-SLD-03.DGN



LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

CLOSED CIRCUIT TELEVISION DOME CAMERA
 DYNAMIC MESSAGE SIGN
 WIRELESS VEHICLE DETECTION RADIO
 RADAR VEHICLE SENSING DEVICE
 ITS CABINET
 LIGHTING CONTROLLER CABINET
 TRAFFIC SIGNAL CABINET
 FIBER OPTIC CABLE
 CAT-6 CABLE
 NETWORK/COMMUNICATION CABLE
 DMS CABLE(S)
 COILED FIBER CABLE IN VAULT
 FIBER SPLICE (SEE NOTE 1)

IDENTIFICATION TAGS

CMV-IE-XB-XXX	COMMUNICATION VAULT
DCF-IE-XB-XXX	DISTRIBUTION CABLE FIBER
DMS-XX	DYNAMIC MESSAGE SIGN
IEXX OR CAB XX	CABINET ID
LCF-IE-XB-XXXX	LATERAL CABLE FIBER
TCF-IE-XB-XXXX	TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.
- ALL SPLICING TO THE EXISTING IDOT FIBER SHALL BE COORDINATED WITH THE IDOT EMC ENGINEER.



USER NAME = SALASL	DESIGNED - JAM	REVISED -
	DRAWN - JAM	REVISED -
PLOT SCALE = 0.16666667 "/> <td>CHECKED - DJM</td> <td>REVISED -</td>	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

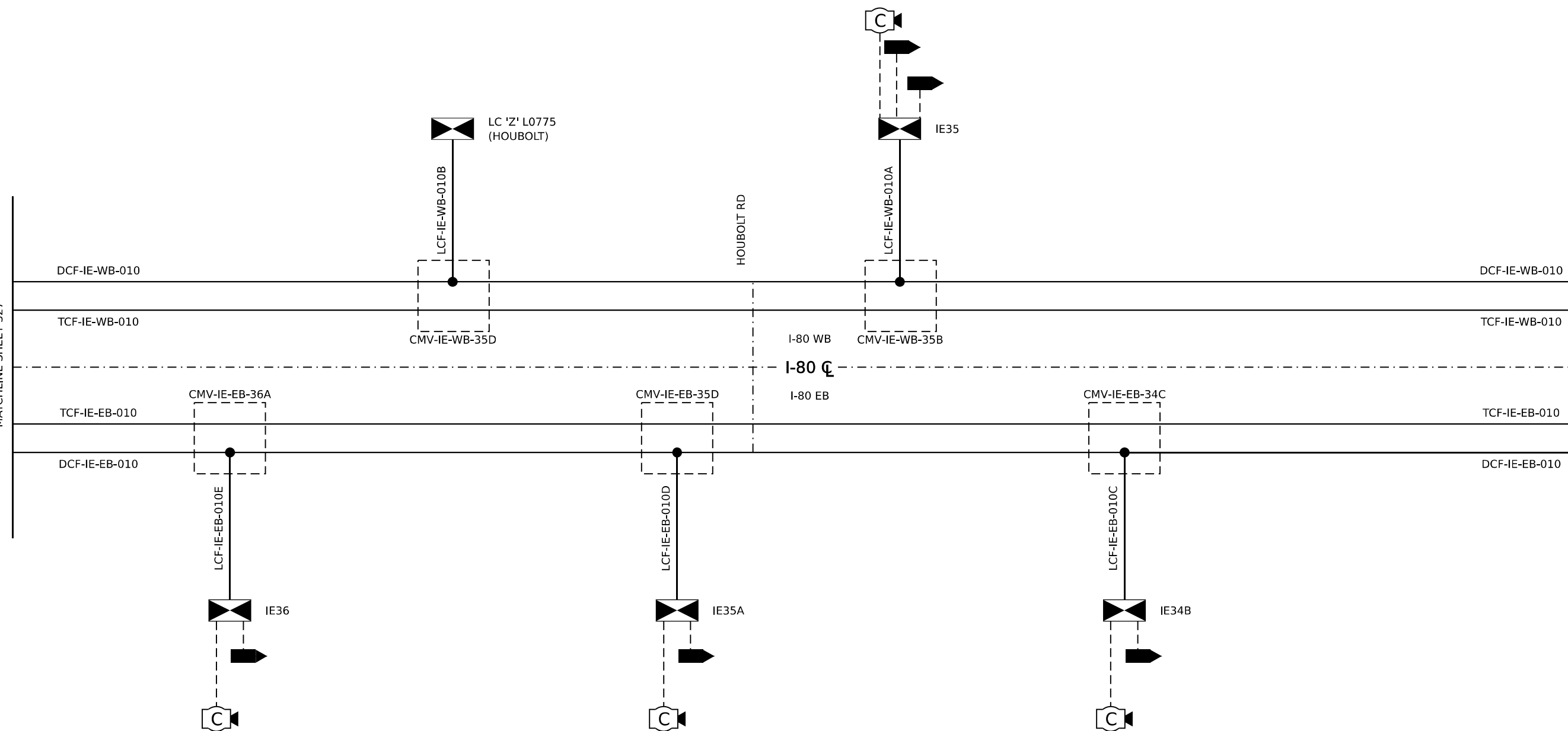
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 SINGLE LINE DIAGRAM			
SCALE: N.T.S.	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	327
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

MATCHLINE SHEET 327

MATCHLINE SHEET 329



LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

IDENTIFICATION TAGS

CMV-IE-XB-XXX	COMMUNICATION VAULT
DCF-IE-XB-XXX	DISTRIBUTION CABLE FIBER
DMS-XX	DYNAMIC MESSAGE SIGN
IEXX OR CAB XX	CABINET ID
LCF-IE-XB-XXXX	LATERAL CABLE FIBER
TCF-IE-XB-XXXX	TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.

MODEL: 20 SHEET 14
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS-PW\01\DM532656\62R19-SHT-ITS-SLD-04.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
	DRAWN - JAM	REVISED -
PLOT SCALE = 0.16666667 "/> <td>CHECKED - DJM</td> <td>REVISED -</td>	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

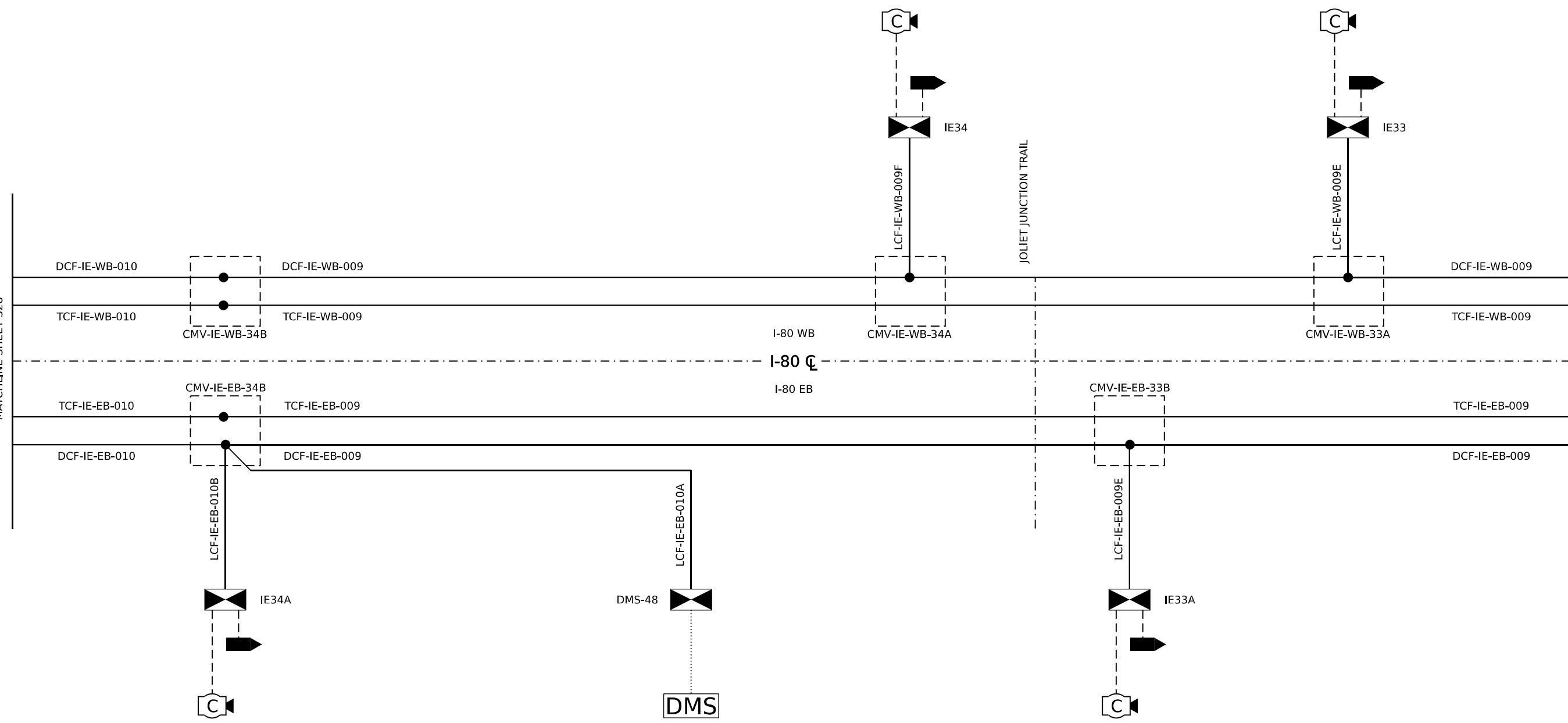
**I-80
SINGLE LINE DIAGRAM**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	328
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

MATCHLINE SHEET 328

MATCHLINE SHEET 330



LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

IDENTIFICATION TAGS

CMV-IE-XB-XXX	COMMUNICATION VAULT
DCF-IE-XB-XXX	DISTRIBUTION CABLE FIBER
DMS-XX	DYNAMIC MESSAGE SIGN
IEXX OR CAB XX	CABINET ID
LCF-IE-XB-XXXX	LATERAL CABLE FIBER
TCF-IE-XB-XXXX	TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSMITSYSTEMS\PIV\LOCAL\TRANSMITSYSTEMS-PIV\01\DM532656\62R19-SHT-ITS-SLD-05.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
	DRAWN - JAM	REVISED -
PLOT SCALE = 0.16666667 1/ IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

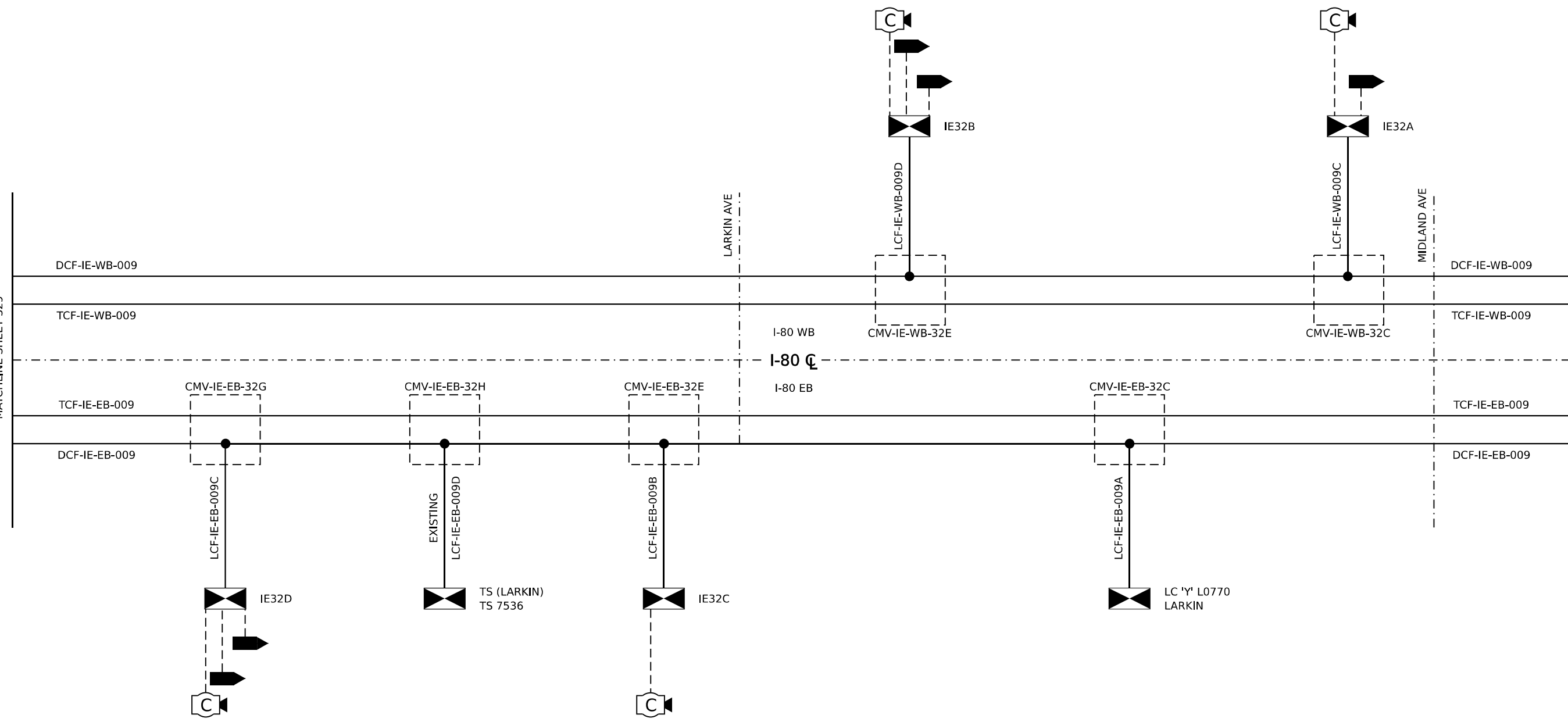
**I-80
SINGLE LINE DIAGRAM**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	329
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

MATCHLINE SHEET 329

MATCHLINE SHEET 331



LEGEND

EXISTING		PROPOSED	
	CLOSED CIRCUIT TELEVISION DOME CAMERA		FIBER OPTIC CABLE
	DYNAMIC MESSAGE SIGN		CAT-6 CABLE
	WIRELESS VEHICLE DETECTION RADIO		NETWORK/COMMUNICATION CABLE
	RADAR VEHICLE SENSING DEVICE		DMS CABLE(S)
	ITS CABINET		COILED FIBER CABLE IN VAULT
	LIGHTING CONTROLLER CABINET		FIBER SPLICE (SEE NOTE 1)
	TRAFFIC SIGNAL CABINET		

IDENTIFICATION TAGS

CMV-IE-XB-XXX	COMMUNICATION VAULT
DCF-IE-XB-XXX	DISTRIBUTION CABLE FIBER
DMS-XX	DYNAMIC MESSAGE SIGN
IEXX OR CAB XX	CABINET ID
LCF-IE-XB-XXXX	LATERAL CABLE FIBER
TCF-IE-XB-XXXX	TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.

MODEL: 2D SHEET 1
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS-PW\01\DM323656\62R19-SHT-ITS-SLD-06.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
	DRAWN - JAM	REVISED -
PLOT SCALE = 0.16666667 1/ IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

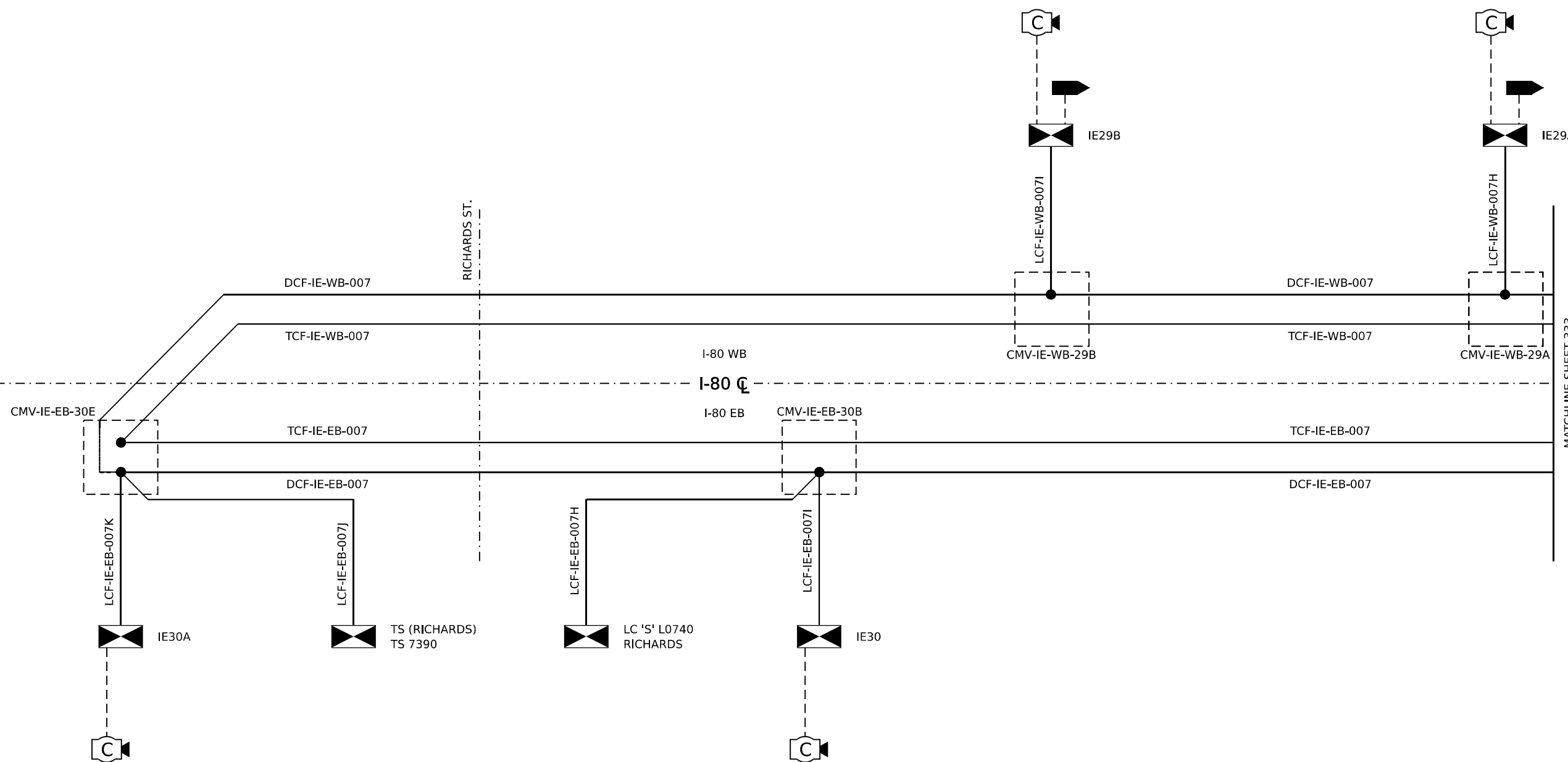
**I-80
SINGLE LINE DIAGRAM**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	330
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

MATCHLINE SHEET 331

MATCHLINE SHEET 333



LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

IDENTIFICATION TAGS

CMV-IE-XB-XXX	COMMUNICATION VAULT
DCF-IE-XB-XXX	DISTRIBUTION CABLE FIBER
DMS-XX	DYNAMIC MESSAGE SIGN
IEXX OR CAB XX	CABINET ID
LCF-IE-XB-XXXX	LATERAL CABLE FIBER
TCF-IE-XB-XXXX	TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.

MODEL: 2D SHEET 14
FILE NAME: C:\TRANSMEDIA\LOCAL\TRANSMEDIA\SYSTEMS-PW\01\DM323656\62R19-SHT-ITS-SLD-08.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
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PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

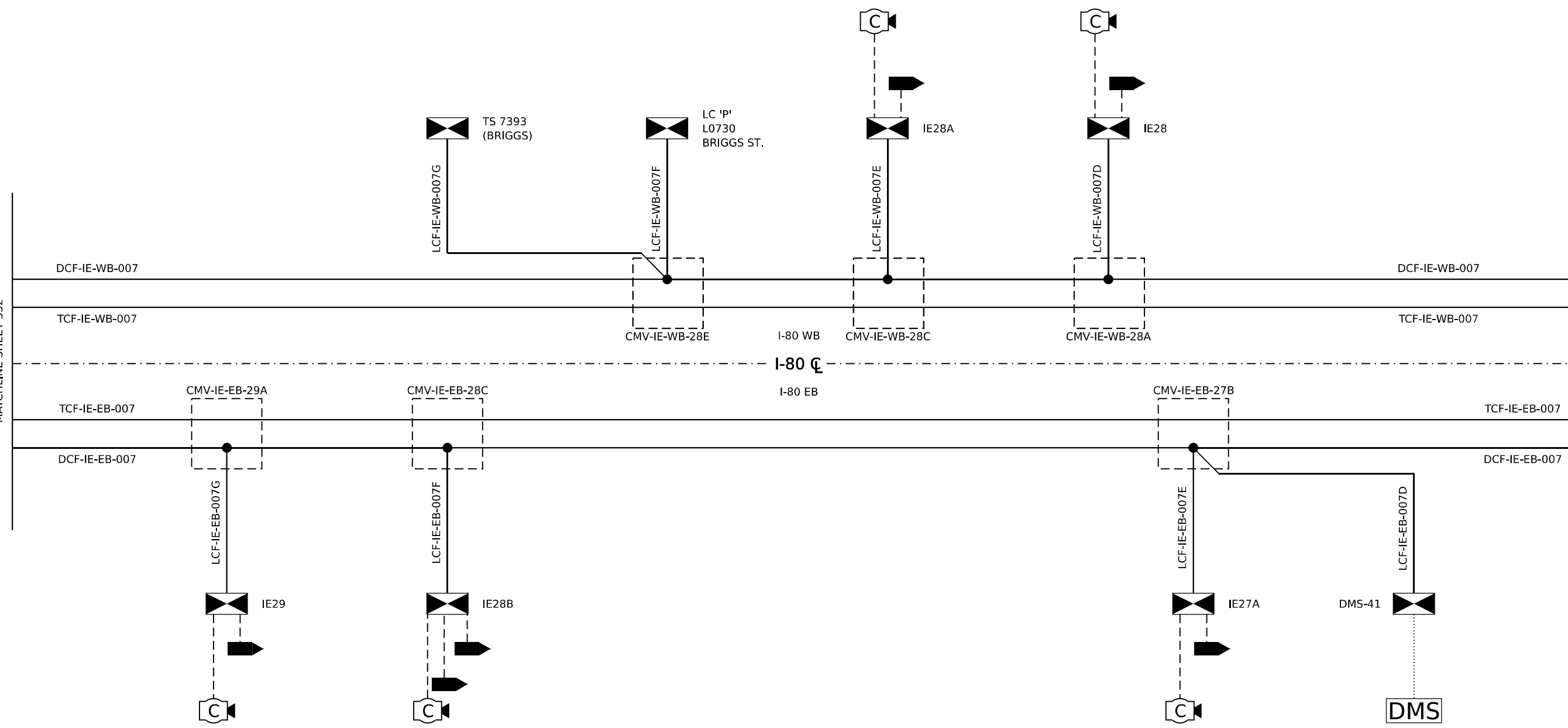
**I-80
SINGLE LINE DIAGRAM**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	332
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

MATCHLINE SHEET 332

MATCHLINE SHEET 334



LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

CLOSED CIRCUIT TELEVISION DOME CAMERA
 DYNAMIC MESSAGE SIGN
 WIRELESS VEHICLE DETECTION RADIO
 RADAR VEHICLE SENSING DEVICE
 ITS CABINET
 LIGHTING CONTROLLER CABINET
 TRAFFIC SIGNAL CABINET
 FIBER OPTIC CABLE
 CAT-6 CABLE
 NETWORK/COMMUNICATION CABLE
 DMS CABLE(S)
 COILED FIBER CABLE IN VAULT
 FIBER SPLICE (SEE NOTE 1)

IDENTIFICATION TAGS

CMV-IE-XB-XXX COMMUNICATION VAULT
 DCF-IE-XB-XXX DISTRIBUTION CABLE FIBER
 DMS-XX DYNAMIC MESSAGE SIGN
 IEXX OR CAB XX CABINET ID
 LCF-IE-XB-XXXX LATERAL CABLE FIBER
 TCF-IE-XB-XXXX TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.

MODEL: 20 SHEET 14
 FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS-PW\01\DM632656\62R19-SHT-ITS-SLD-09.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
	DRAWN - JAM	REVISED -
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PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

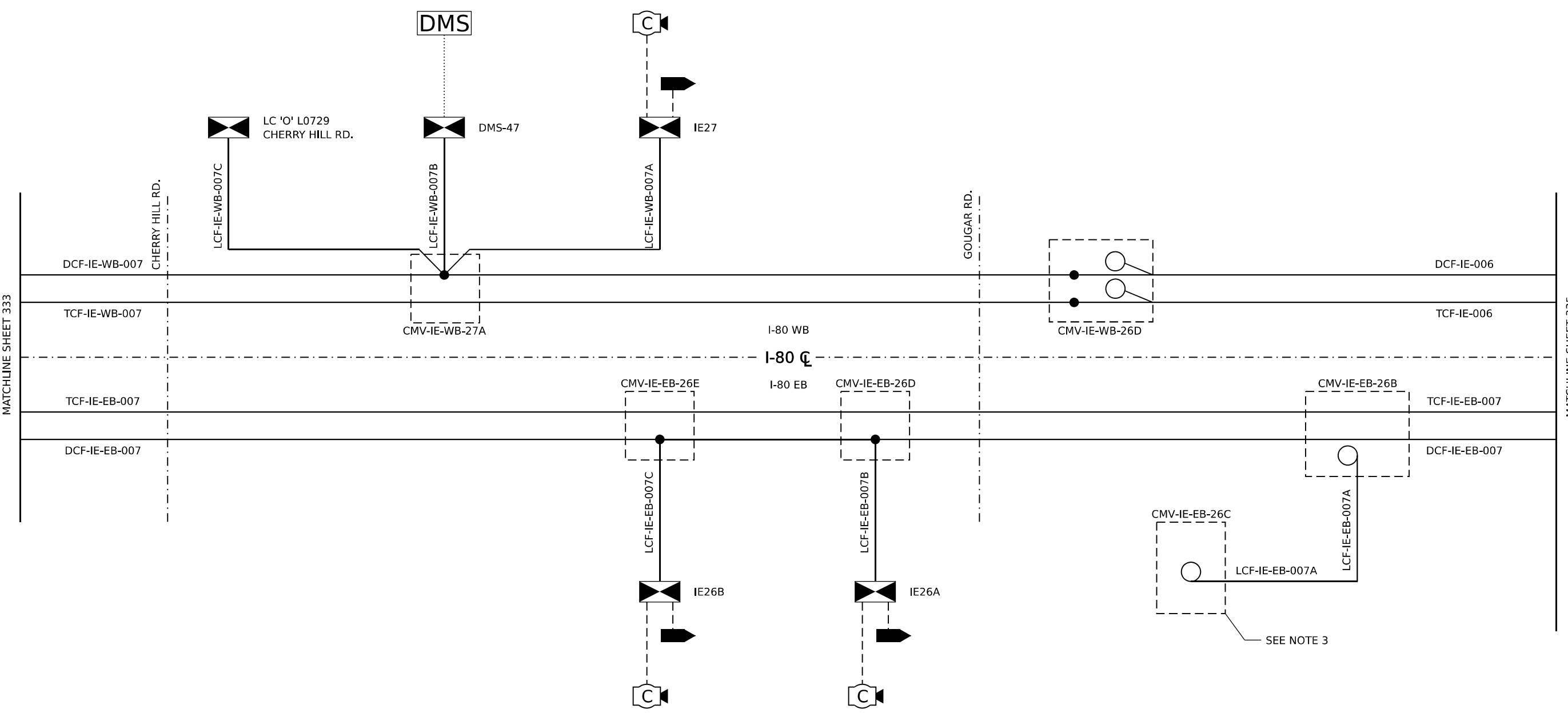
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80
SINGLE LINE DIAGRAM**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	333
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

MODEL: 20 SHEET 14
 FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS-PW\01\DM532656\62R19-SHT-ITS-SLD-10.DGN

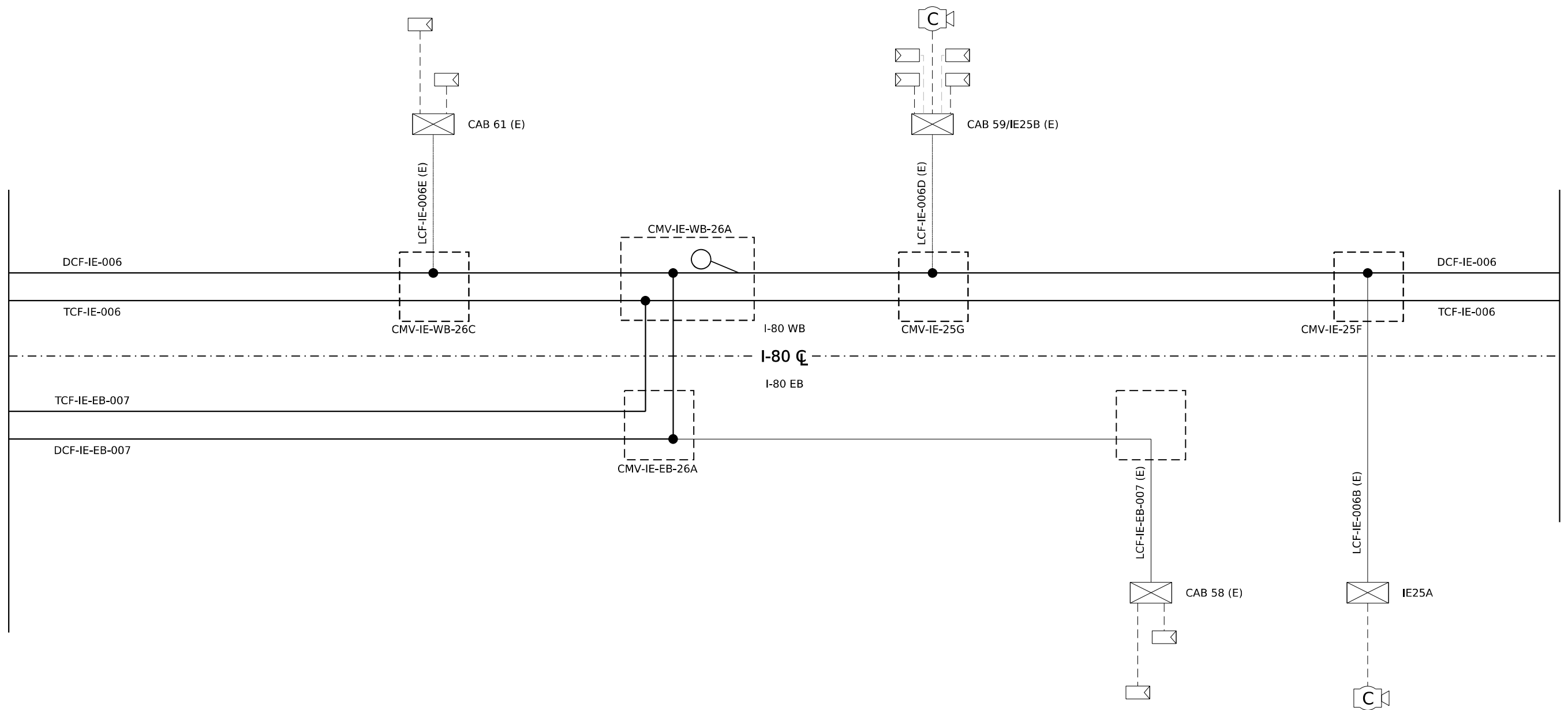


LEGEND		EXISTING		PROPOSED		IDENTIFICATION TAGS		NOTES	
	EXISTING		EXISTING		PROPOSED	CMV-IE-XB-XXX	COMMUNICATION VAULT	1. SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS. 2. THIRD PARTY FIBER IS NOT SHOWN. 3. FUTURE WILL COUNTY CONNECTION.	
	EXISTING		EXISTING		PROPOSED	DCF-IE-XB-XXX	DISTRIBUTION CABLE FIBER		
	EXISTING		EXISTING		PROPOSED	DMS-XX	DYNAMIC MESSAGE SIGN		
	EXISTING		EXISTING		PROPOSED	IEXX OR CAB XX	CABINET ID		
	EXISTING		EXISTING		PROPOSED	LCF-IE-XB-XXXX	LATERAL CABLE FIBER		
	EXISTING		EXISTING		PROPOSED	TCF-IE-XB-XXXX	TRUNK CABLE FIBER		
	EXISTING		EXISTING		PROPOSED	---	COILED FIBER CABLE IN VAULT		
	EXISTING		EXISTING		PROPOSED	---	FIBER SPLICING (SEE NOTE 1)		
	EXISTING		EXISTING		PROPOSED	---	---		
	EXISTING		EXISTING		PROPOSED	---	---		
	EXISTING		EXISTING		PROPOSED	---	---		
	EXISTING		EXISTING		PROPOSED	---	---		

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				I-80 SINGLE LINE DIAGRAM				SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.
ATLAS ATLAS TECHNICAL CONSULTANTS, LLC 100 S. WACKER DRIVE, SUITE 400 CHICAGO, IL 60606		USER NAME = SALASL DESIGNED - JAM DRAWN - JAM CHECKED - DJM DATE - 11/12/2025	REVISED - REVISED - REVISED - REVISED -	F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 80 FAI 80 21 VLS VARIOUS 467 334		CONTRACT NO. 62R19 ILLINOIS FED. AID PROJECT			

MATCHLINE SHEET 334

MATCHLINE SHEET 336



LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

IDENTIFICATION TAGS

CMV-IE-XB-XXX	COMMUNICATION VAULT
DCF-IE-XB-XXX	DISTRIBUTION CABLE FIBER
DMS-XX	DYNAMIC MESSAGE SIGN
IEXX OR CAB XX	CABINET ID
LCF-IE-XB-XXXX	LATERAL CABLE FIBER
TCF-IE-XB-XXXX	TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.

MODEL: 20 SHEET 14
 FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS-PW\01\DM532656\62R19-SHT-ITS-SLD-11.DGN



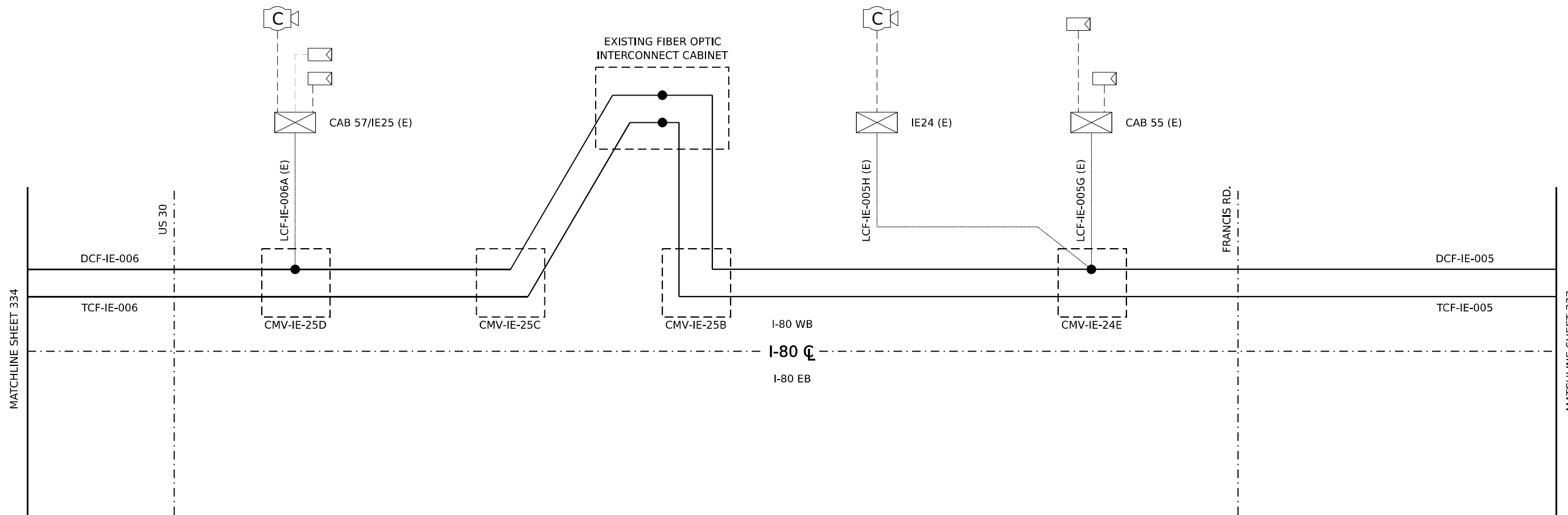
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	DRAWN - JAM	REVISED -
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PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80
SINGLE LINE DIAGRAM**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	335
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

IDENTIFICATION TAGS

CMV-IE-XB-XXX	COMMUNICATION VAULT
DCF-IE-XB-XXX	DISTRIBUTION CABLE FIBER
DMS-XX	DYNAMIC MESSAGE SIGN
IEXX OR CAB XX	CABINET ID
LCF-IE-XB-XXXX	LATERAL CABLE FIBER
TCF-IE-XB-XXXX	TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.

MODEL: 20 SHEET 14
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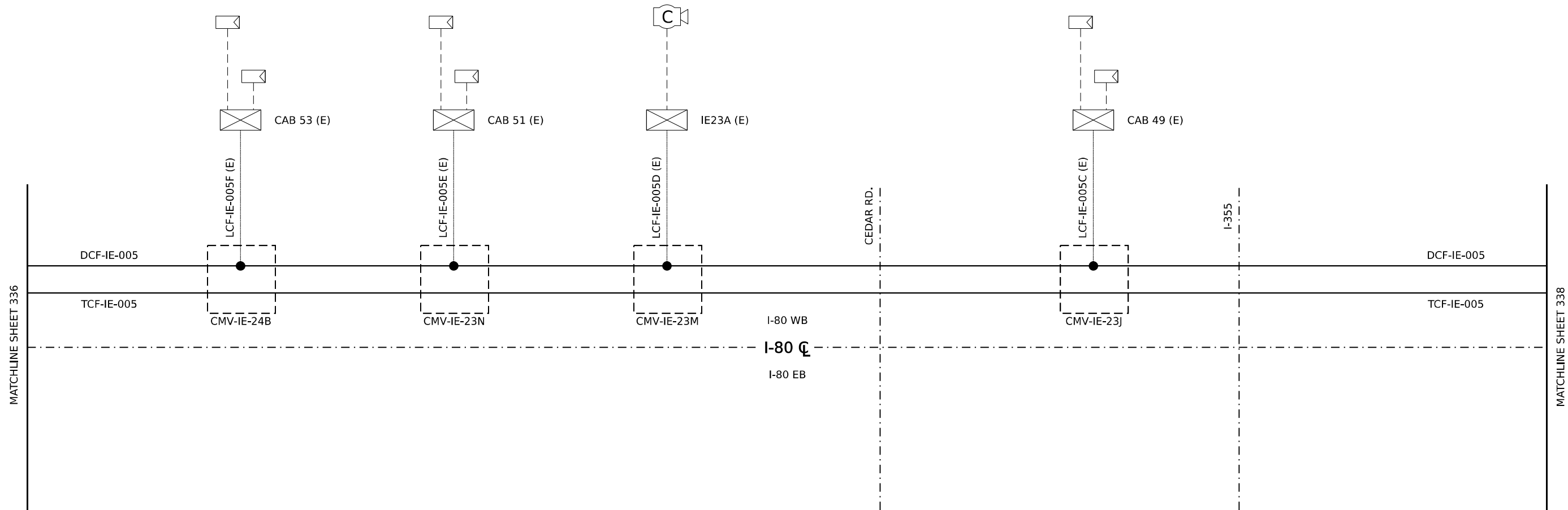


USER NAME = SALASL	DESIGNED - JAM	REVISED -
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PLOT SCALE = 0.16666667 "/> <td>CHECKED - DJM</td> <td>REVISED -</td>	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80			
SINGLE LINE DIAGRAM			
SCALE: N.T.S.	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	336
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				



MODEL: 20 SHEET 14
 FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS-PW\01\DM532656\62R19-SHT-ITS-SLD-13.DGN

LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

IDENTIFICATION TAGS

CMV-IE-XB-XXX	COMMUNICATION VAULT
DCF-IE-XB-XXX	DISTRIBUTION CABLE FIBER
DMS-XX	DYNAMIC MESSAGE SIGN
IEXX OR CAB XX	CABINET ID
LCF-IE-XB-XXXX	LATERAL CABLE FIBER
TCF-IE-XB-XXXX	TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.



USER NAME = SALASL	DESIGNED - JAM	REVISED -
	DRAWN - JAM	REVISED -
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PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

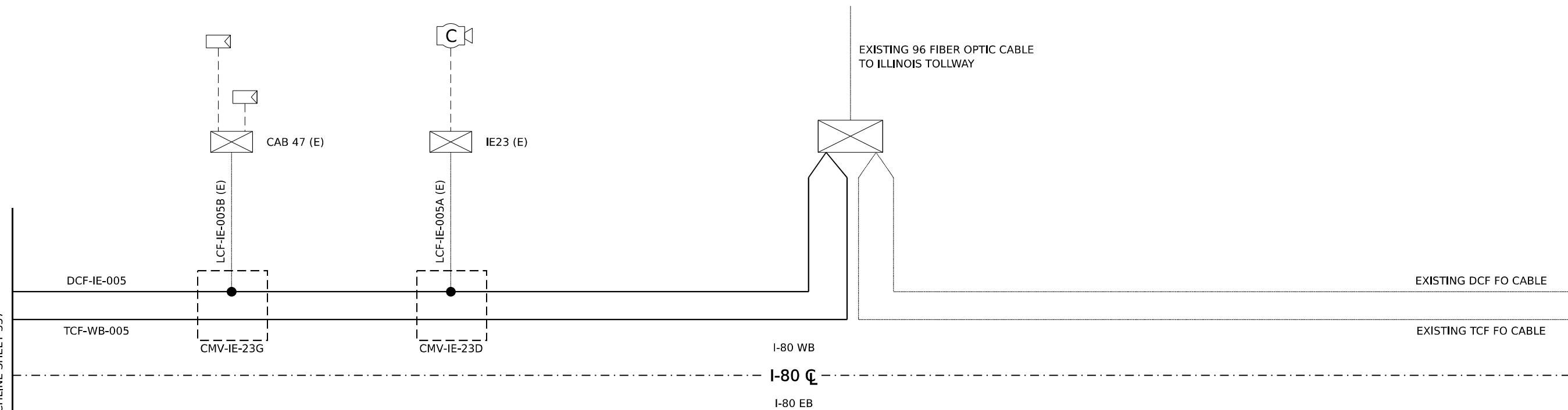
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80
SINGLE LINE DIAGRAM**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	337
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

MATCHLINE SHEET 337



LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

CLOSED CIRCUIT TELEVISION DOME CAMERA
 DYNAMIC MESSAGE SIGN
 WIRELESS VEHICLE DETECTION RADIO
 RADAR VEHICLE SENSING DEVICE
 ITS CABINET
 LIGHTING CONTROLLER CABINET
 TRAFFIC SIGNAL CABINET

FIBER OPTIC CABLE
 CAT-6 CABLE
 NETWORK/COMMUNICATION CABLE
 DMS CABLE(S)
 COILED FIBER CABLE IN VAULT
 FIBER SPLICE (SEE NOTE 1)

IDENTIFICATION TAGS

CMV-IE-XB-XXX COMMUNICATION VAULT
 DCF-IE-XB-XXX DISTRIBUTION CABLE FIBER
 DMS-XX DYNAMIC MESSAGE SIGN
 IEXX OR CAB XX CABINET ID
 LCF-IE-XB-XXXX LATERAL CABLE FIBER
 TCF-IE-XB-XXXX TRUNK CABLE FIBER

NOTES

- SEE SHEETS 339 TO 407 FOR FIBER SPLICING DETAILS.
- THIRD PARTY FIBER IS NOT SHOWN.

MODEL: 20 SHEET 14
 FILE NAME: C:\TRAFFIC\SYSTEMS\LOCAL\SYSTEMS\PHW\01\DM32365\62R19-SHT-ITS-SLD-14.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
	DRAWN - JAM	REVISED -
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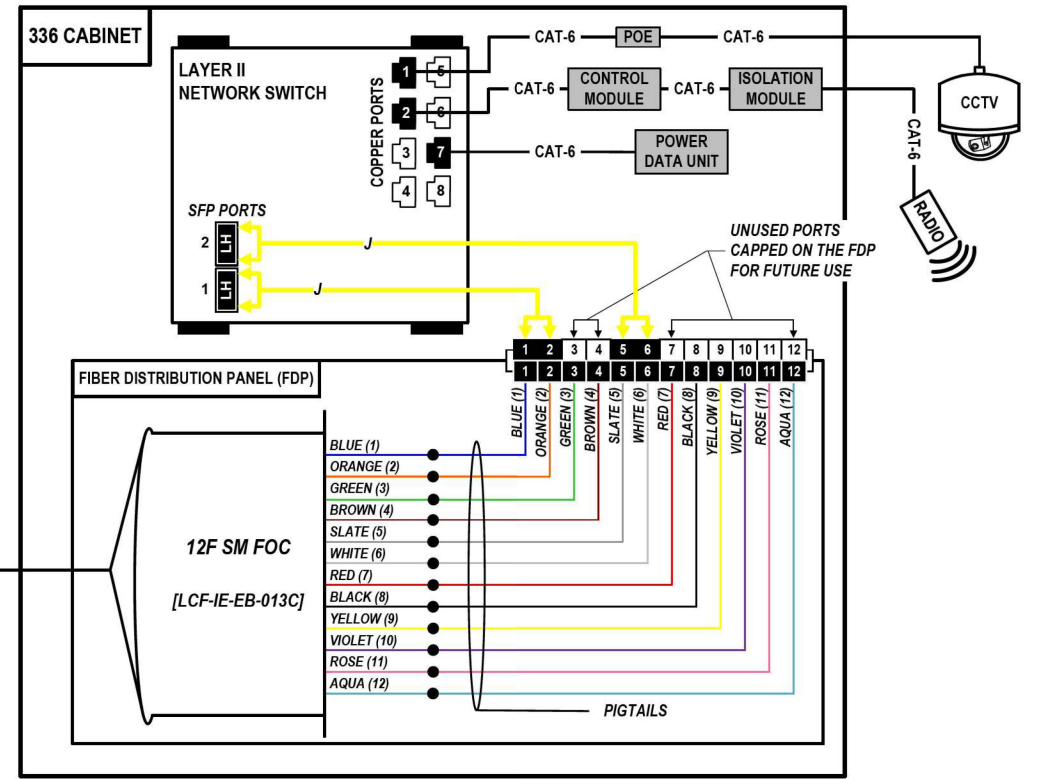
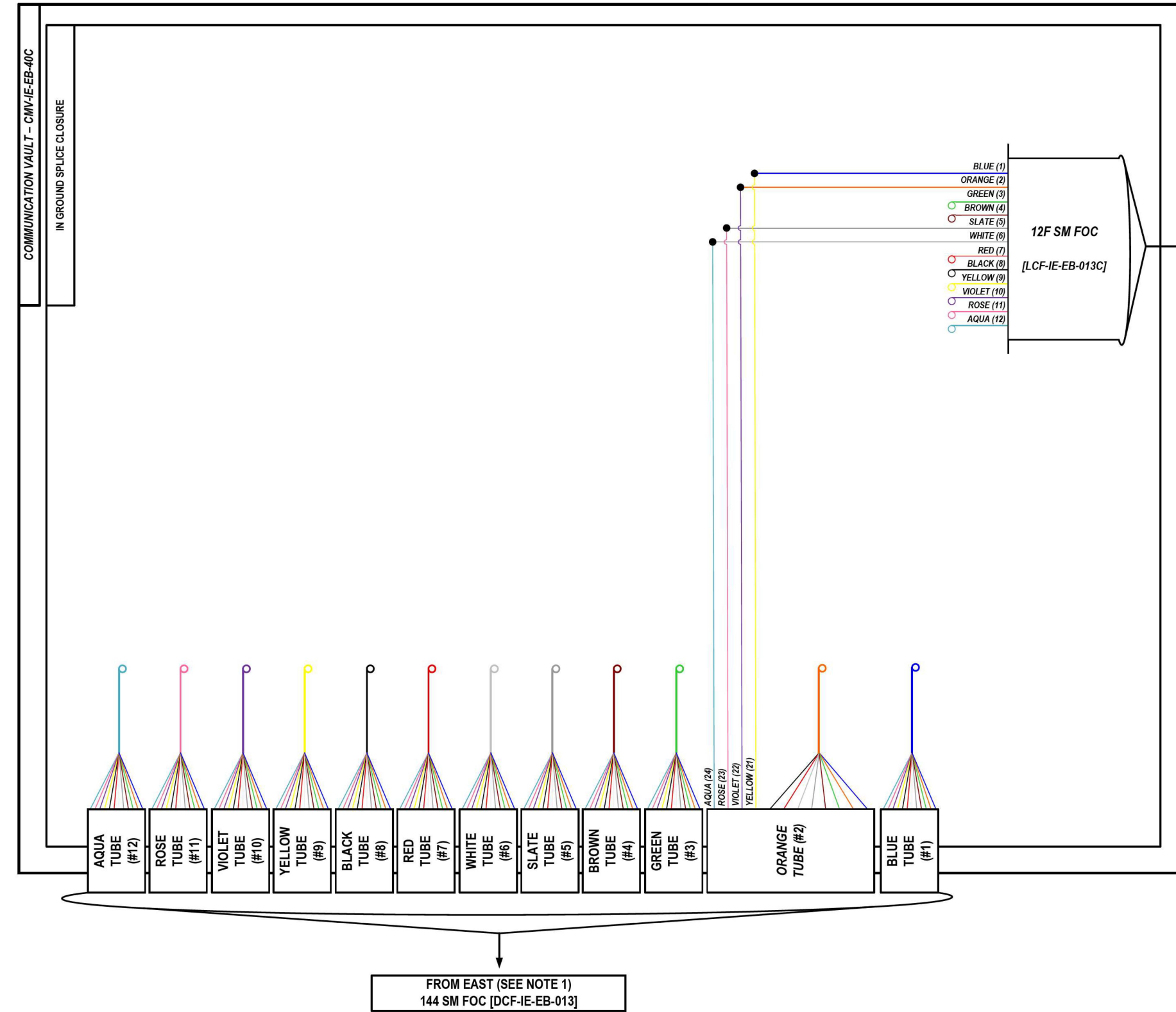
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**I-80
 SINGLE LINE DIAGRAM**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	338
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

LOCATION ID: IE40A



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS-PW-01\DM523565662R19-SHT-ITS-SPLICE-01.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

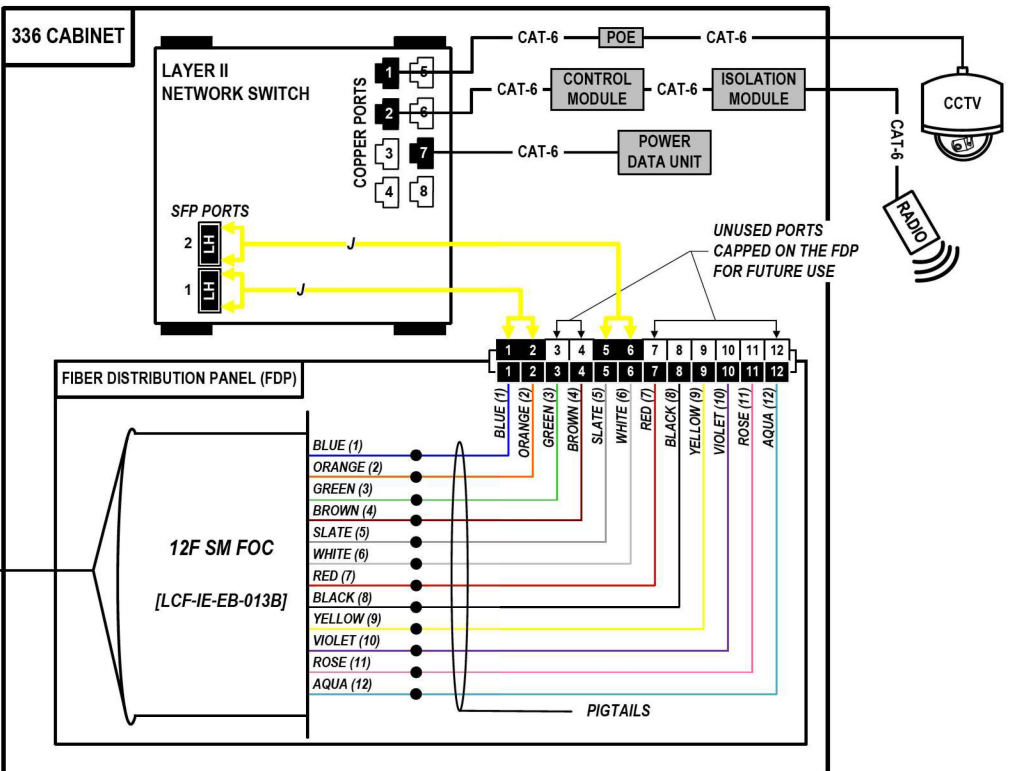
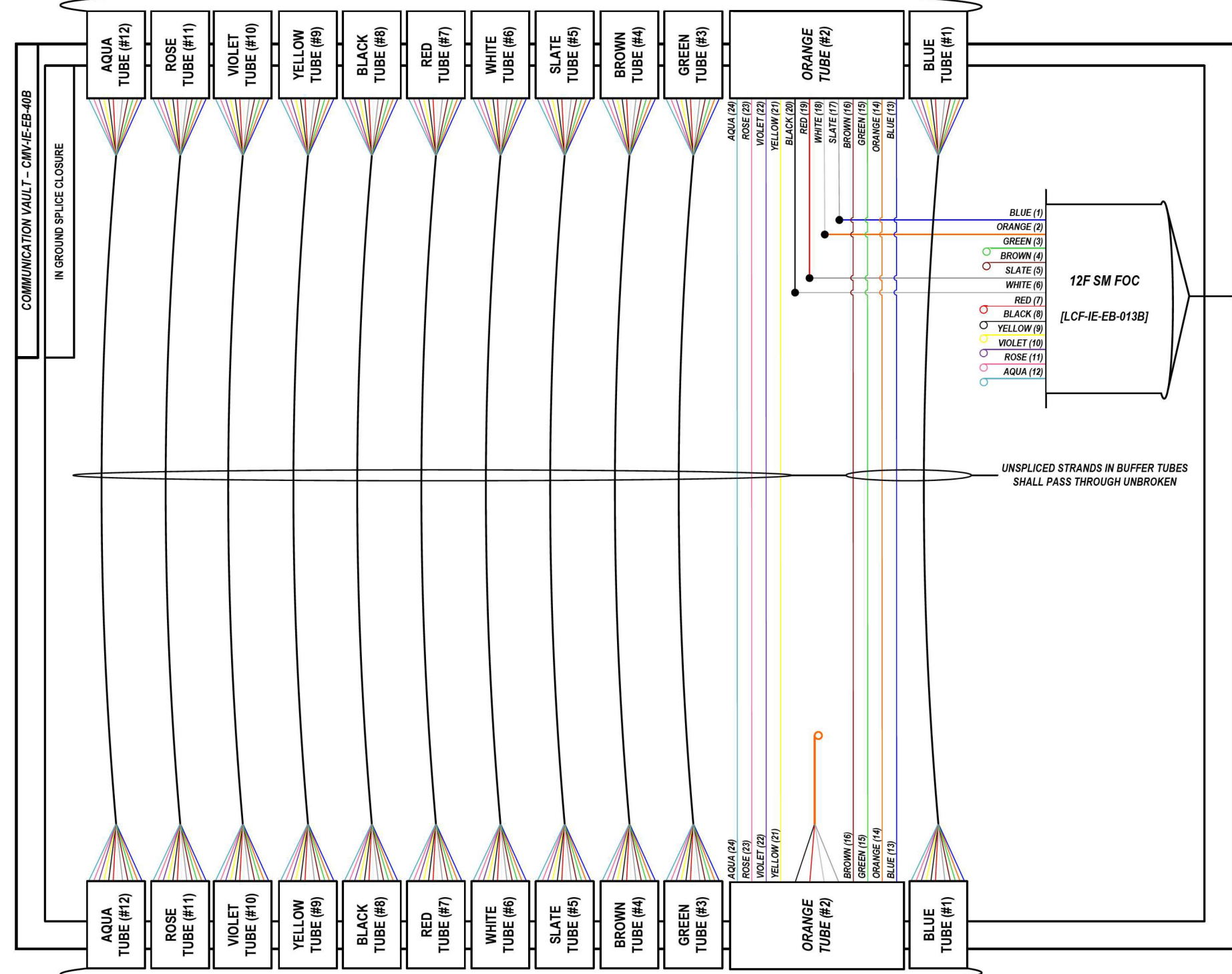
I-80
SPlice DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	339
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-013]

LOCATION ID: IE40



UNSPUNDED STRANDS IN BUFFER TUBES SHALL PASS THROUGH UNBROKEN

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-021\DM525656\62R19-SHT-ITS-SPLICE-02.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

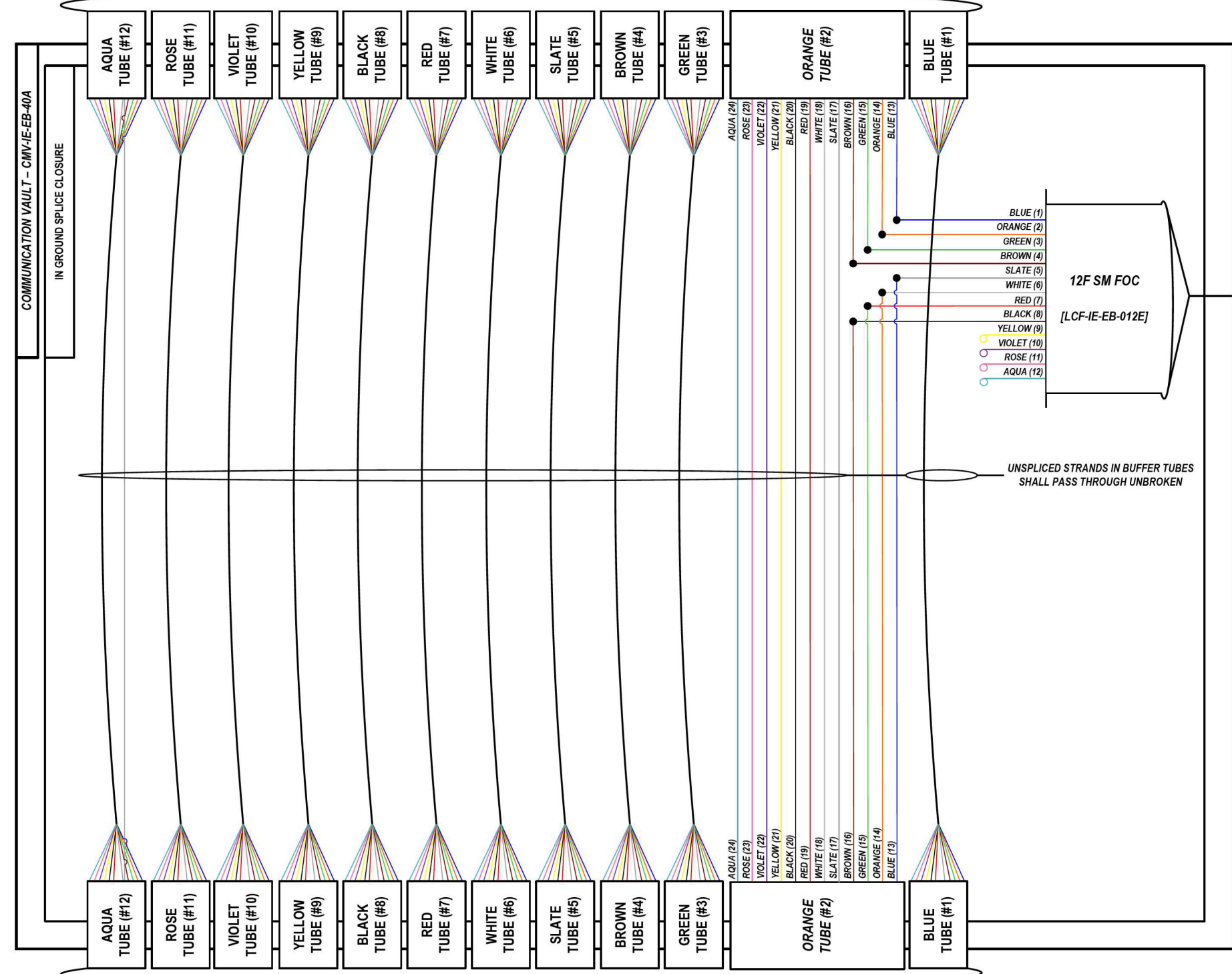
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

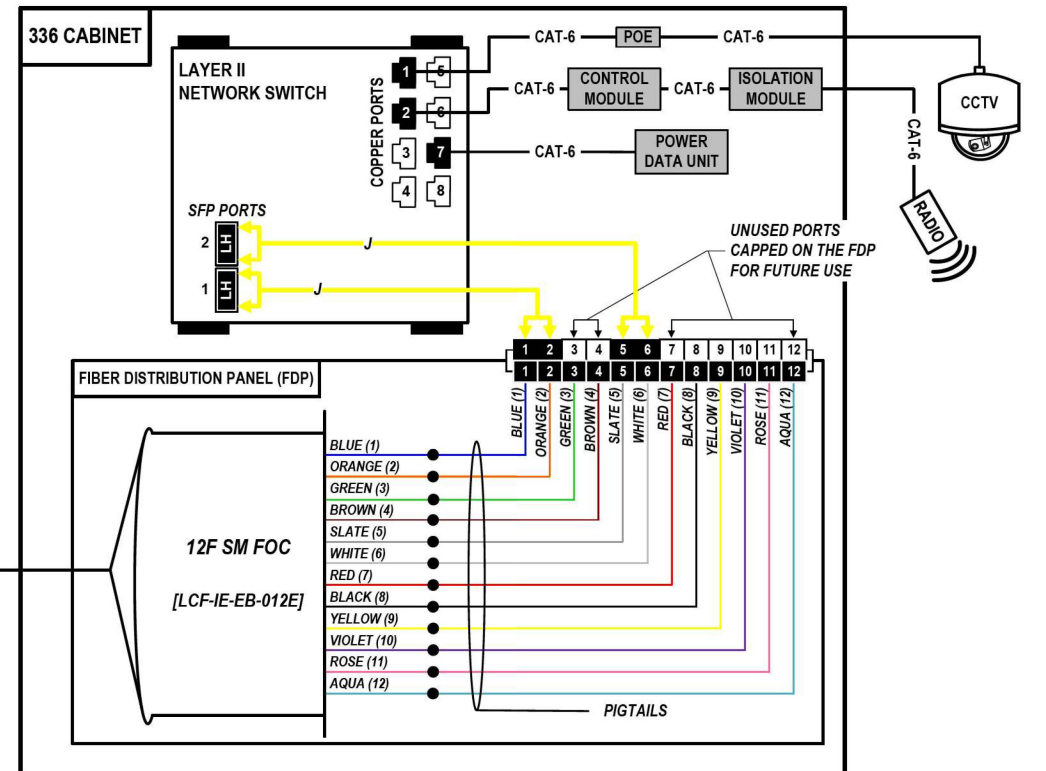
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	340
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-012]

LOCATION ID: IE39B



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-013]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-021\DM525656\2019-SHT-ITS-SPLICE-03.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
DRAWN - AJW	REVISOR -	
PLOT SCALE = 0.16666667 / IN.	CHECKED - DJM	REVISOR -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISOR -

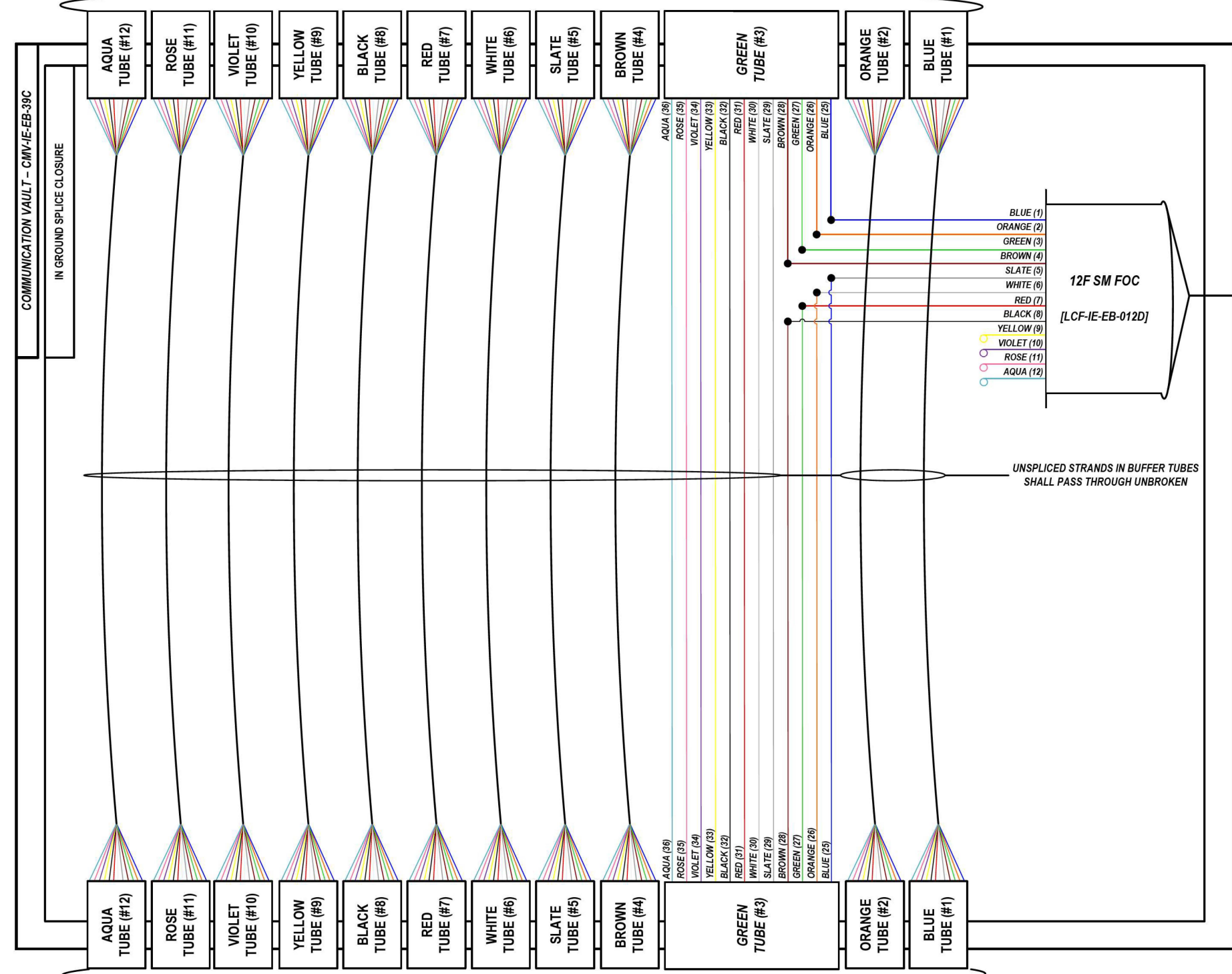
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
SPLICE DETAILS
SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

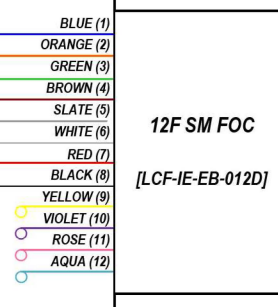
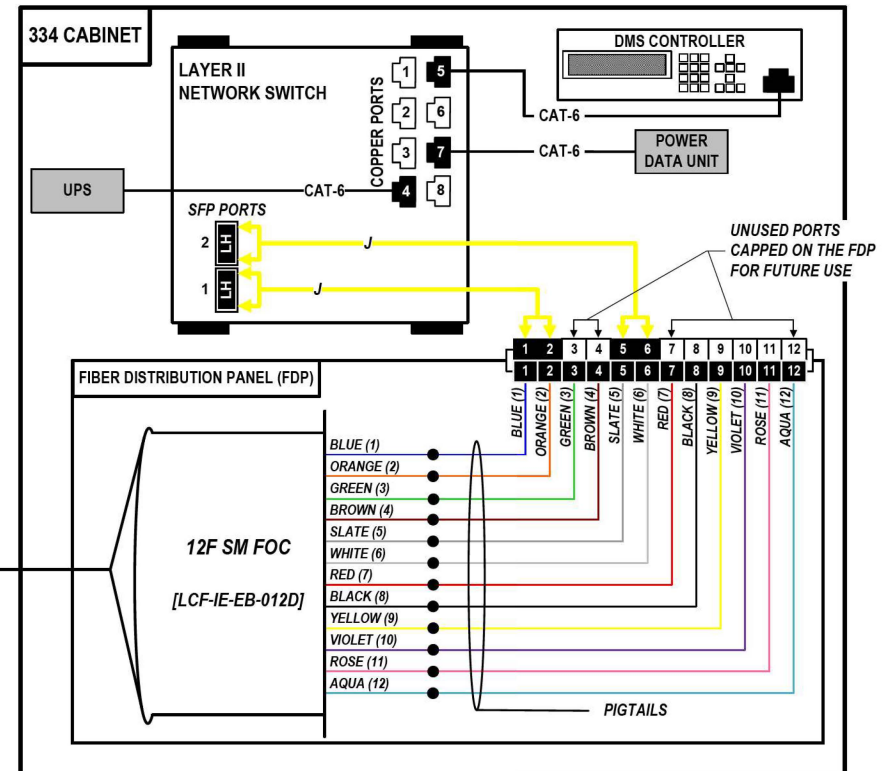
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	341
CONTRACT NO. 62R19			ILLINOIS FED. AID PROJECT	

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-012]

LOCATION ID: DMS-46



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-012]



UNSPliced STRANDS IN BUFFER TUBES SHALL PASS THROUGH UNBROKEN

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP SHEET V
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS\PIV\01\DMSE2565662R19-SHRT-ITS-SPLICE-04.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 1/IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

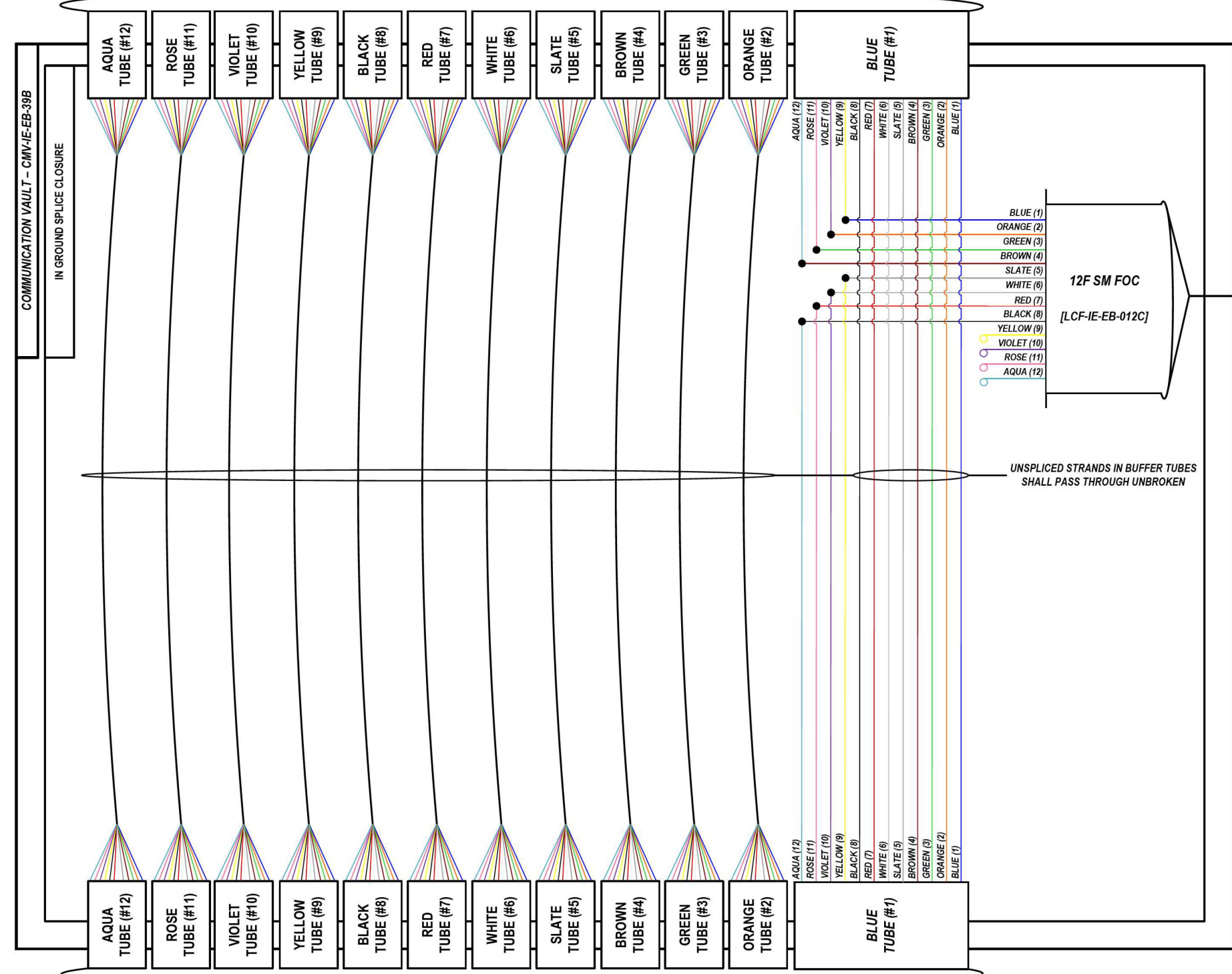
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SPlice DETAILS		80	FAI 80 21 VLS	VARIOUS	467	342
SCALE: N.T.S.	SHEET OF SHEETS	STA.	TO STA.			

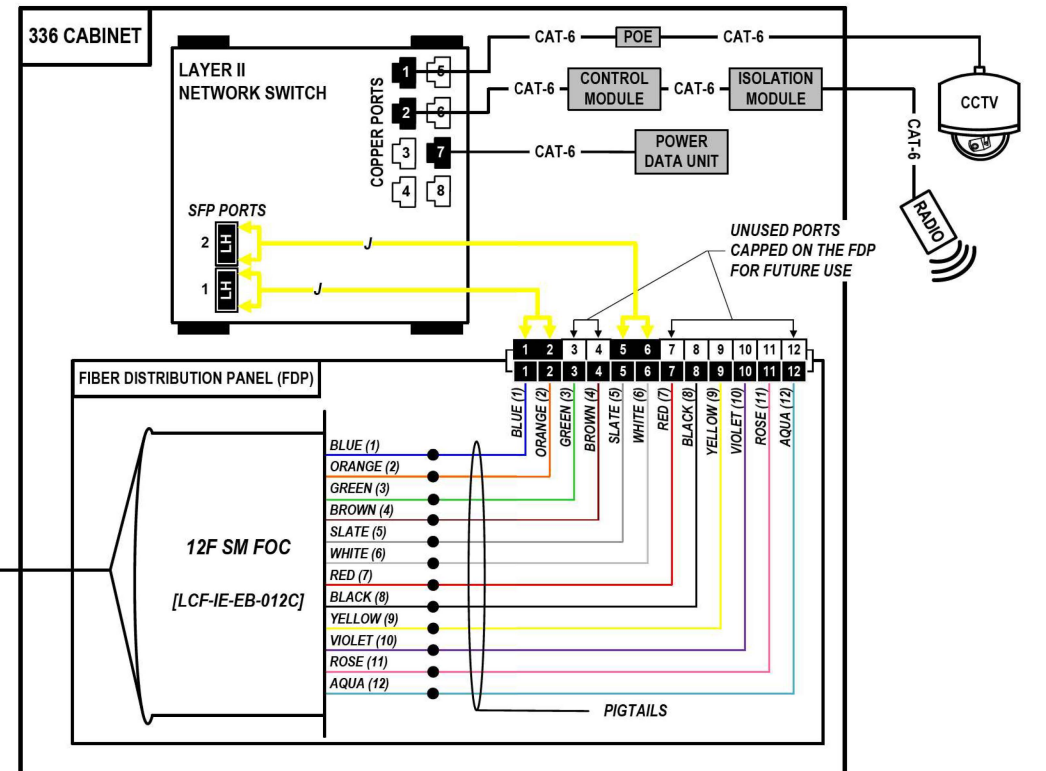
CONTRACT NO. 62R19		ILLINOIS FED. AID PROJECT	
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FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-012]

LOCATION ID: IE39A



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-012]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-021\DM525656\2019-SHT-ITS-SPLICE-05.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

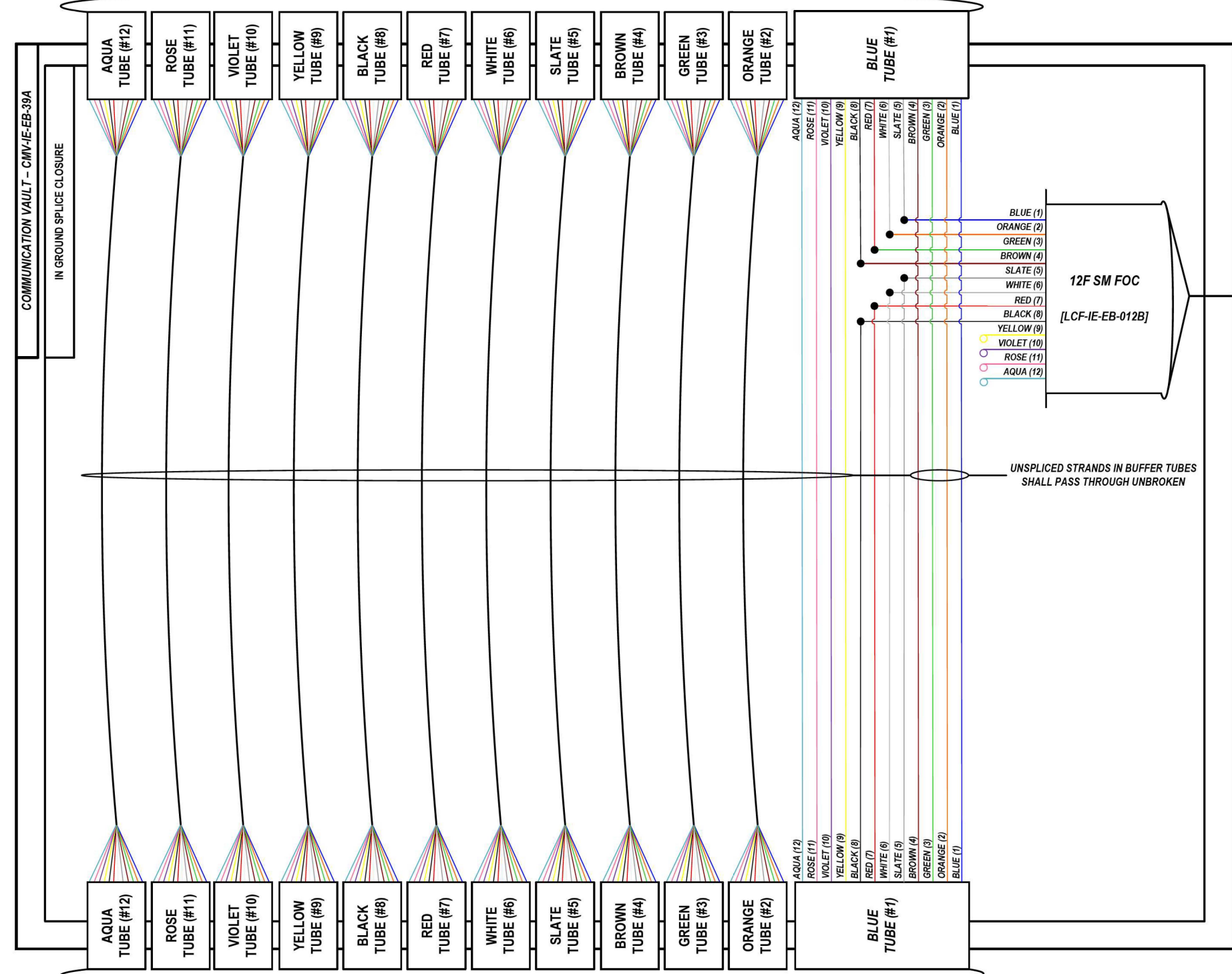
I-80
SPlice DETAILS

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

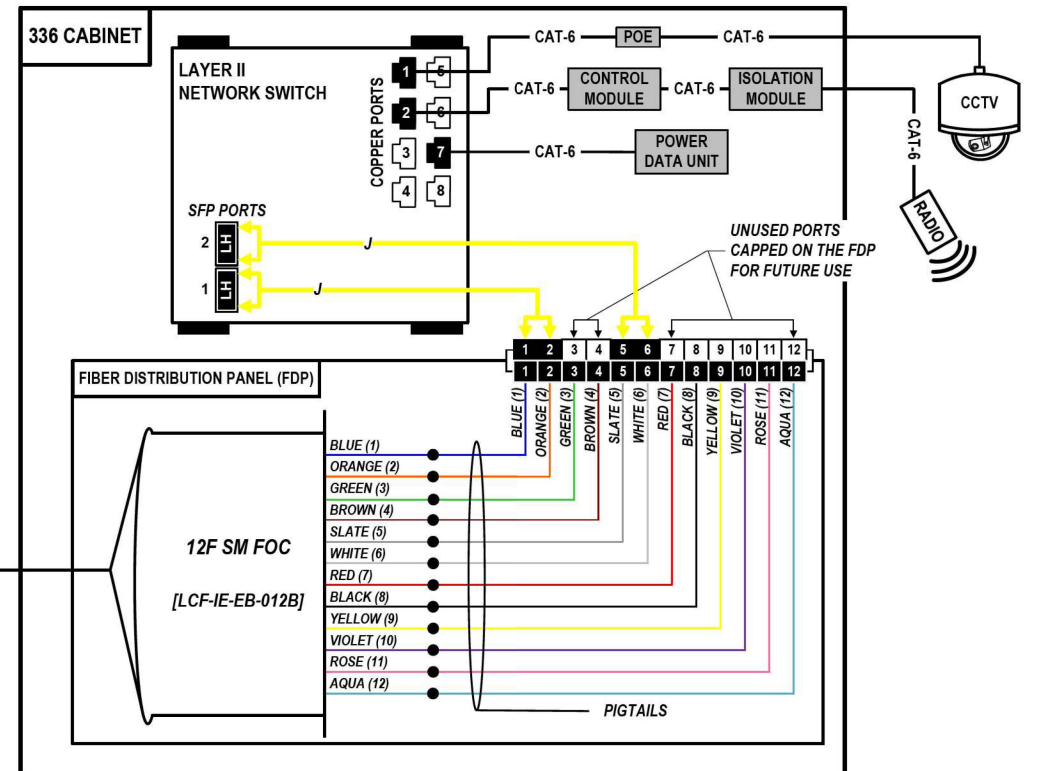
F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 343
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-012]

LOCATION ID: IE39



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-012]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-021\DM5232556\62R19-SHT-ITS-SPLICE-06.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

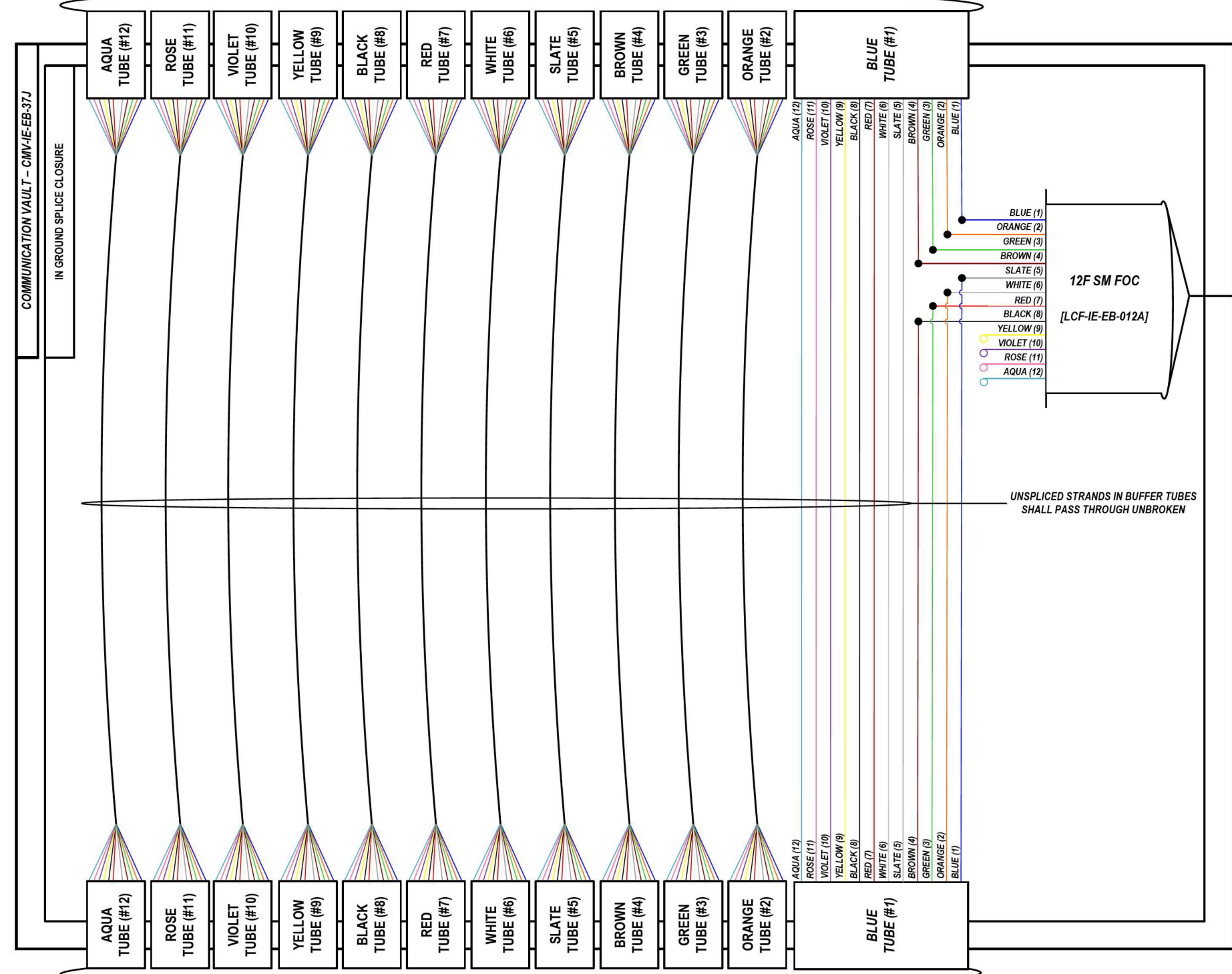
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SPlice DETAILS		80	FAI 80 21 VLS	VARIOUS	467	344
SCALE: N.T.S.	SHEET OF SHEETS	STA.	TO STA.			

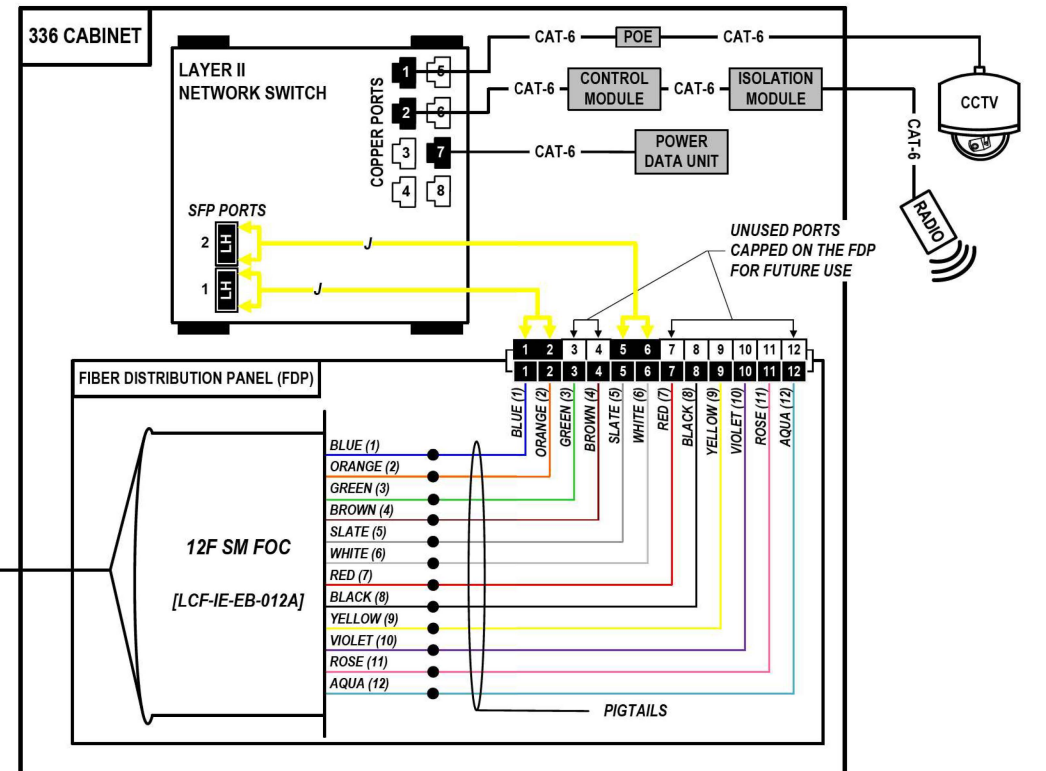
CONTRACT NO. 62R19		ILLINOIS FED. AID PROJECT	
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FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-012]

LOCATION ID: IE37D



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-012]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP SHEET V
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS\PIV-021\DM525656\62R19-SHT-ITS-SPLICE-07.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 1/IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

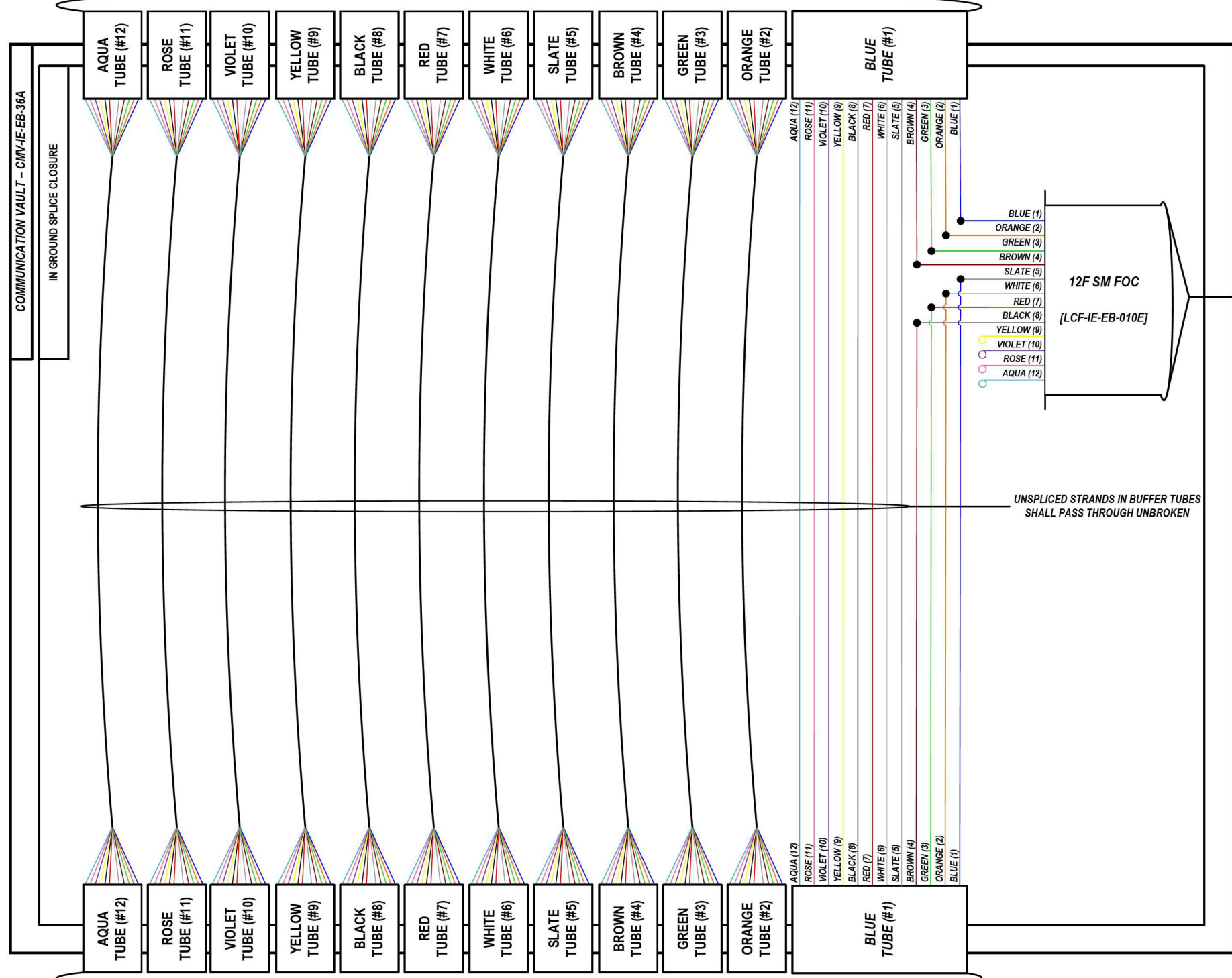
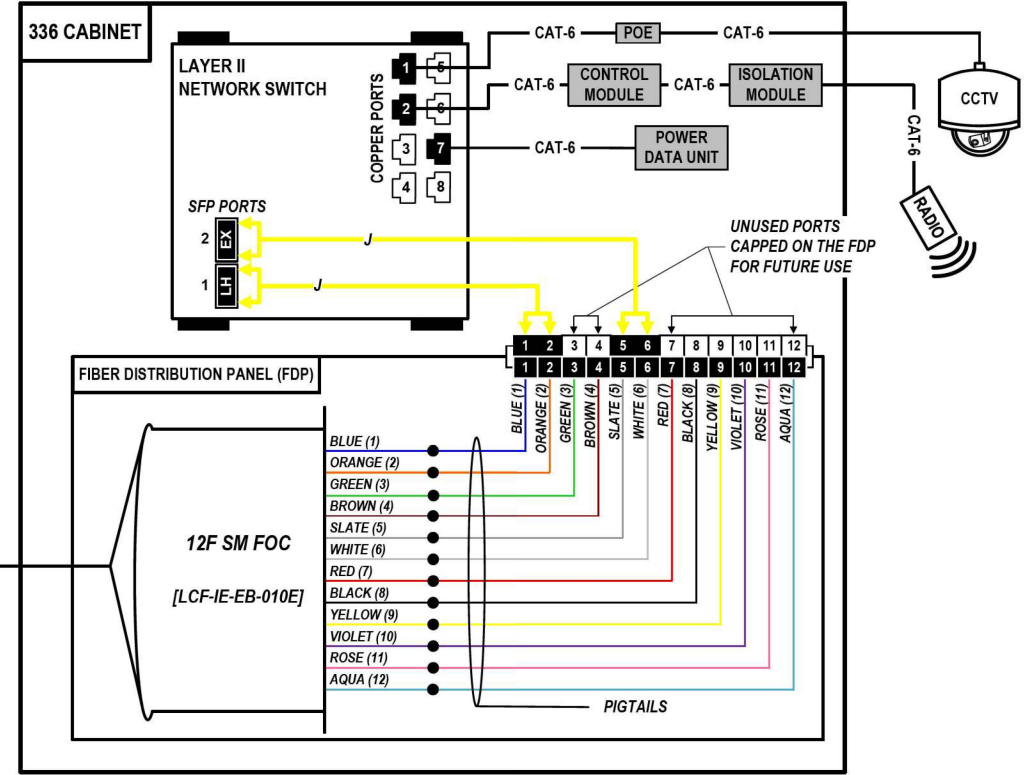
I-80
SPlice DETAILS

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

F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 345
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-010]

LOCATION ID: IE36



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-010]

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPlicing.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPlice
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS\62R19-SHT-ITS-SPlice-08.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
DRAWN - AJW	REVISiED -	
PLOT SCALE = 0.16666667 / IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

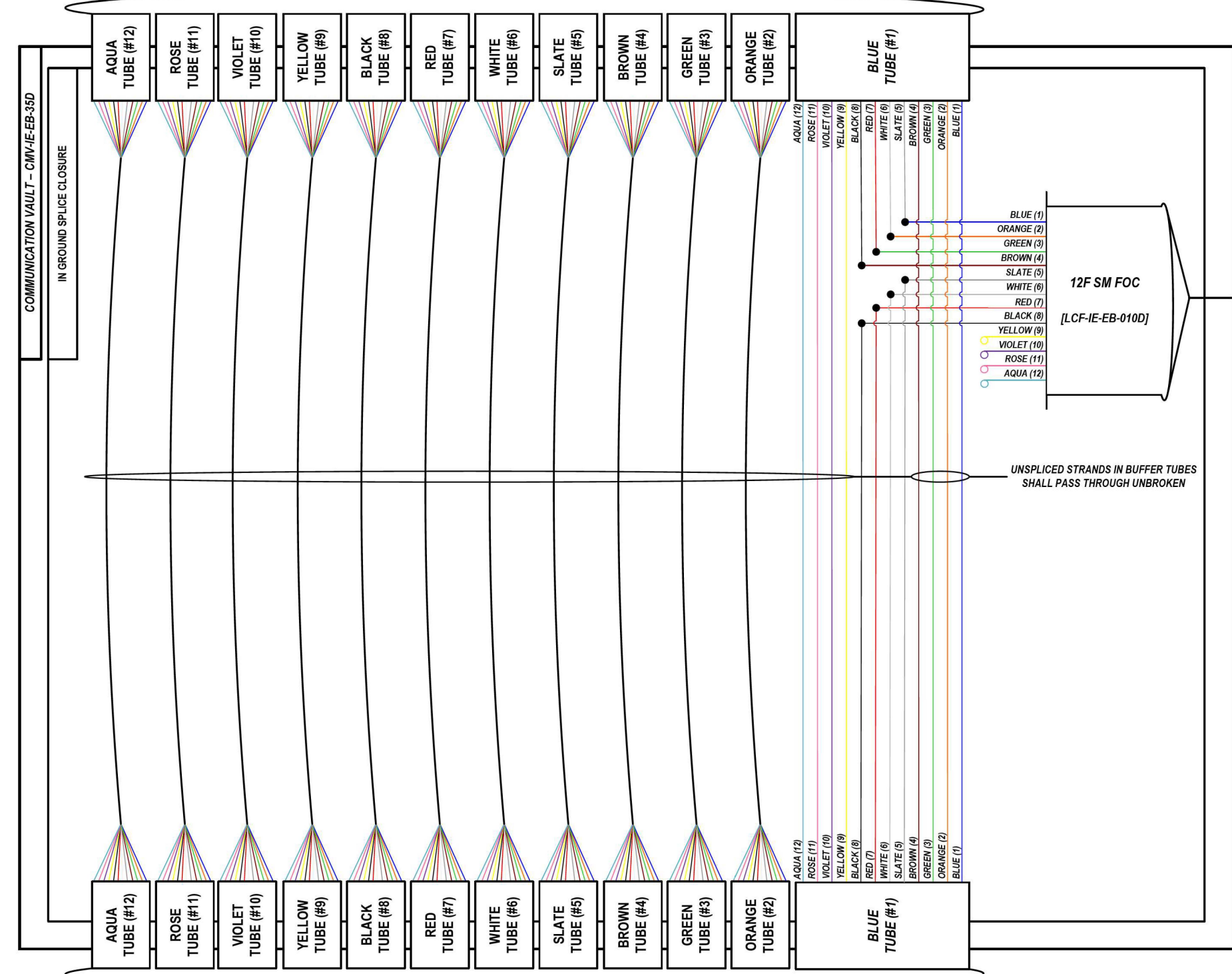
I-80
SPlice DETAILS

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

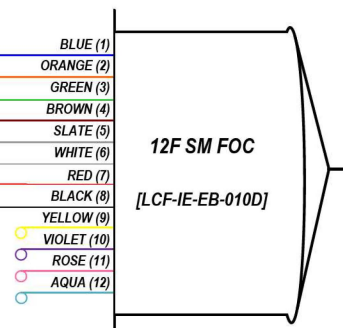
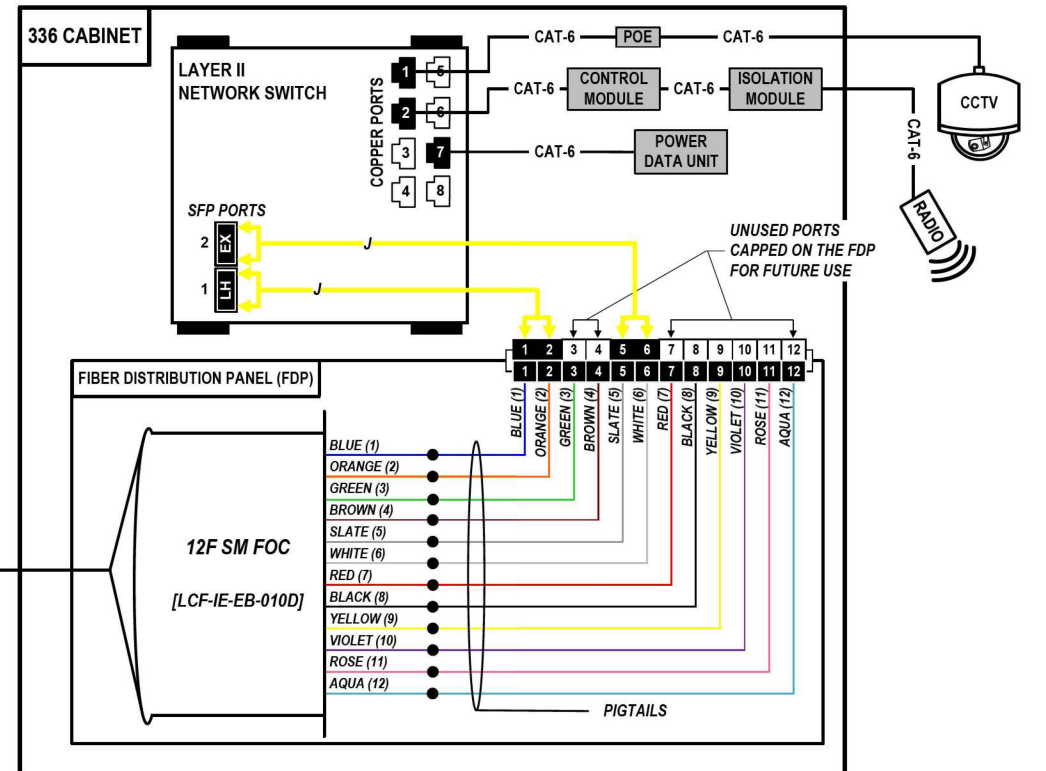
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	346
CONTRACT NO. 62R19			ILLINOIS FED. AID PROJECT	

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-010]

LOCATION ID: IE35A



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-010]



UNSPliced STRANDS IN BUFFER TUBES SHALL PASS THROUGH UNBROKEN

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-021\DM525656\62R19-SHT-ITS-SPLICE-09.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
DRAWN - AJW	CHECKED - DJM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DATE - 11/12/2025	REVISED -
PLOT DATE = 11/12/2025		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

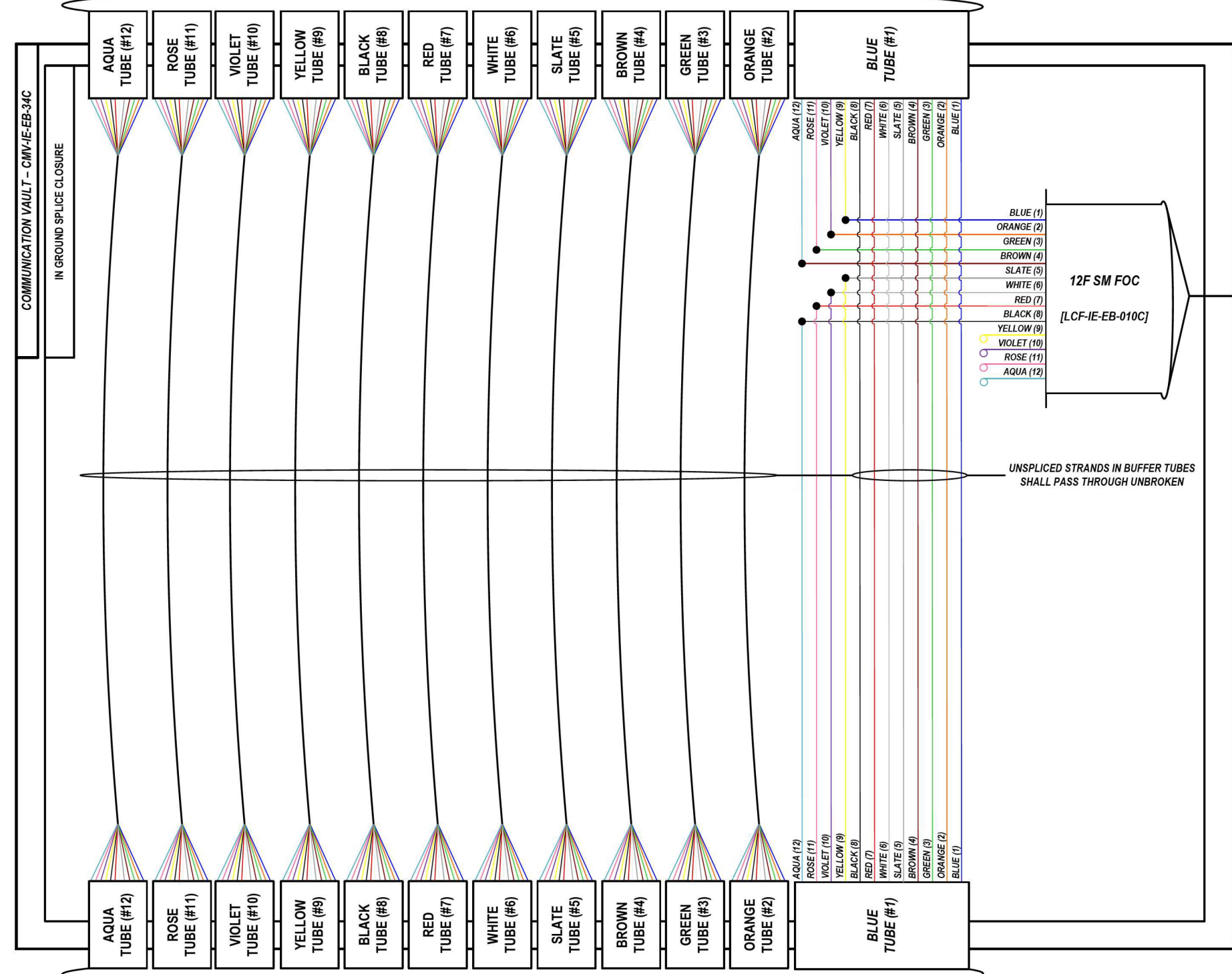
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SPLICE DETAILS

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

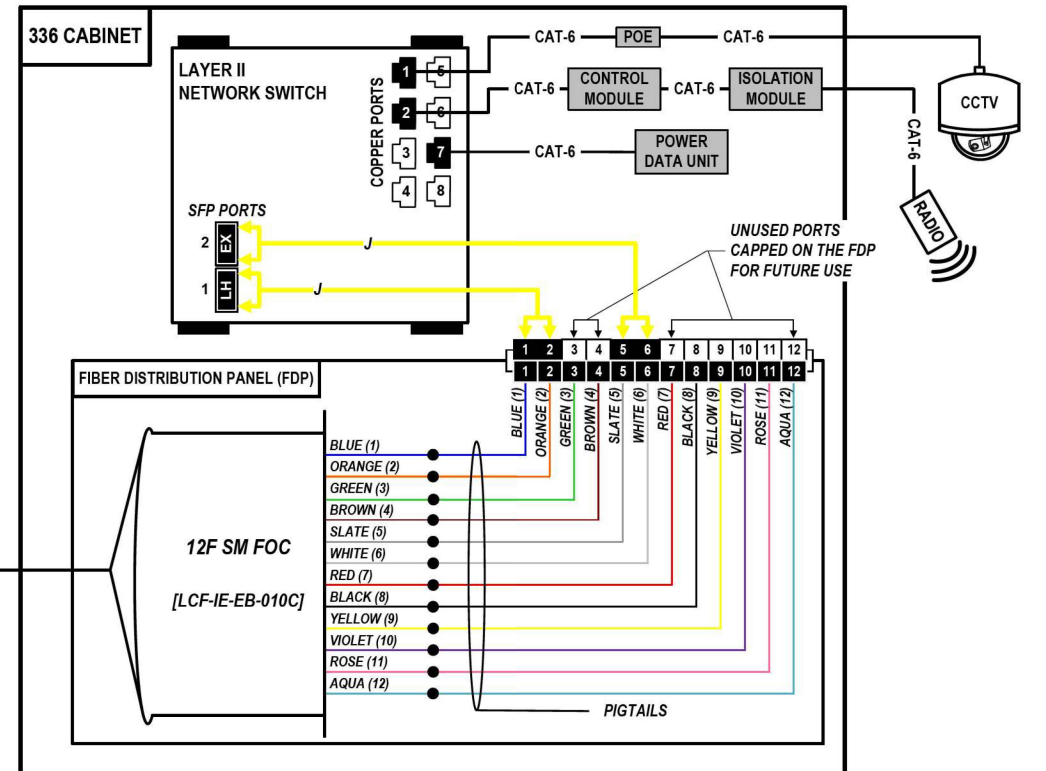
F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 347
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-010]

LOCATION ID: IE34B



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-010]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSMITSYSTEMS\PIV_LOCAL\TRANSMITSYSTEMS\PIV-021\DM525656\62R19-SHT-ITS-SPLICE-10.DGN

ATLAS
 ATLAS TECHNICAL CONSULTANTS, LLC
 100 S. WACKER DRIVE, SUITE 400
 CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

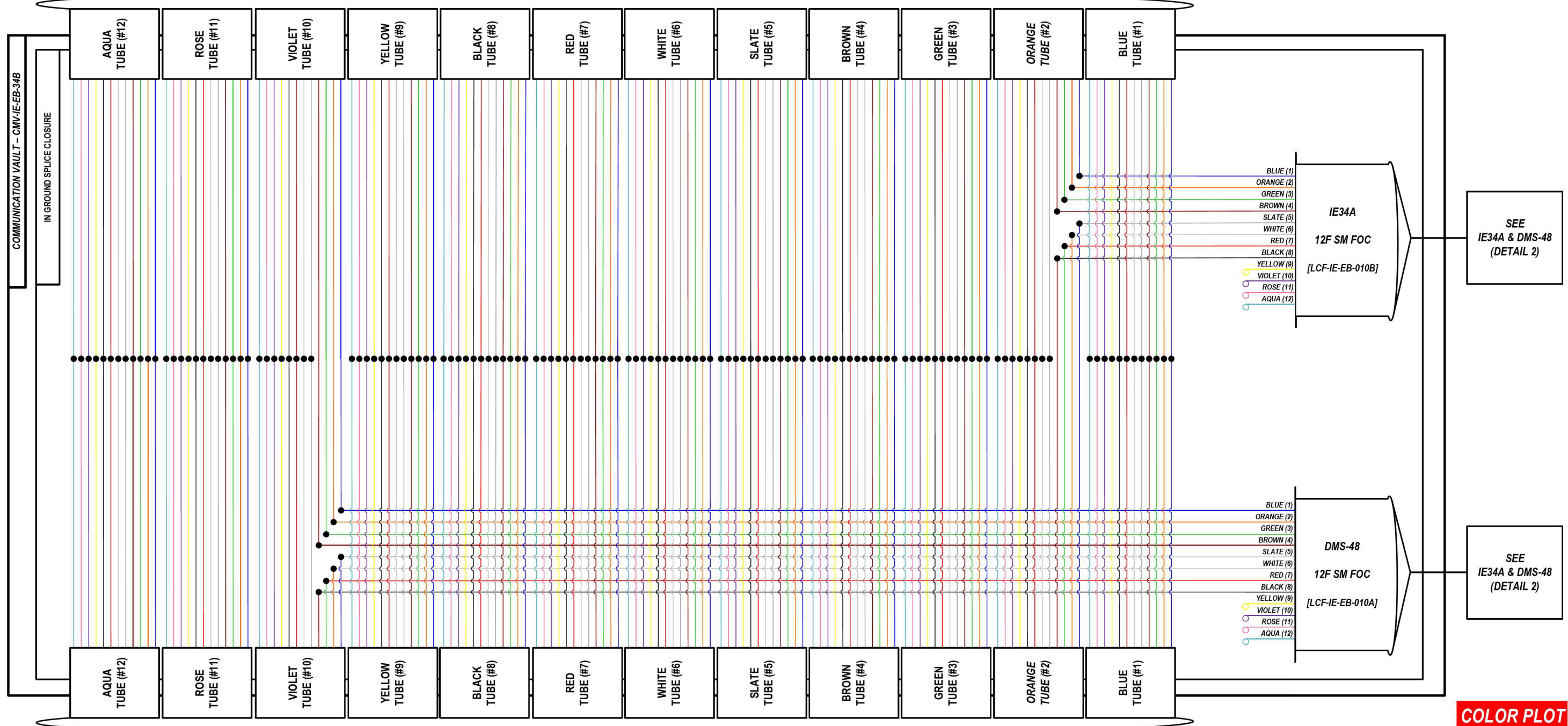
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	348
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-010]

LOCATION ID: IE34A & DMS-48 (DETAIL 1)



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-009]

NOTES:
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

	FIBER OPTIC JUMPER, SINGLE MODE
	FIBER OPTIC FUSION SPLICE
	FIBER COIL
	FIBER OPTIC TERMINATION

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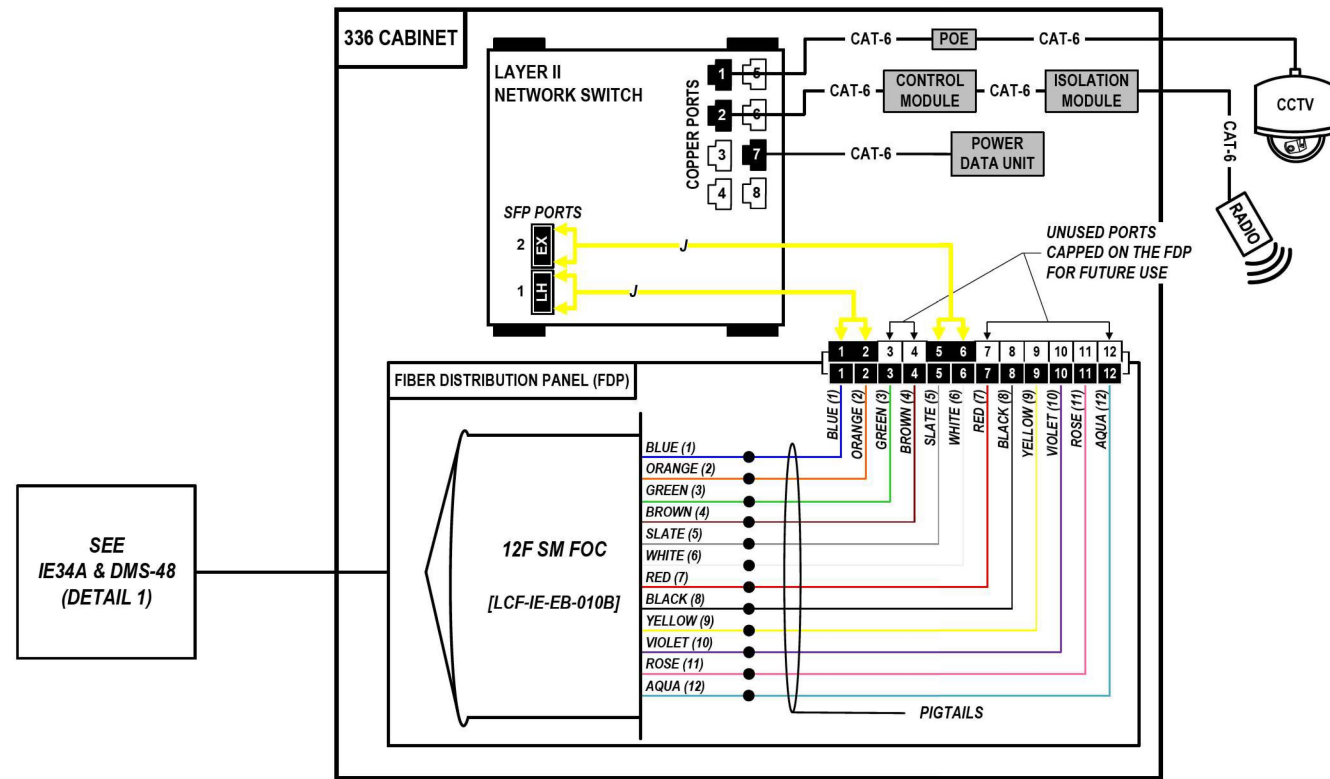
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PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

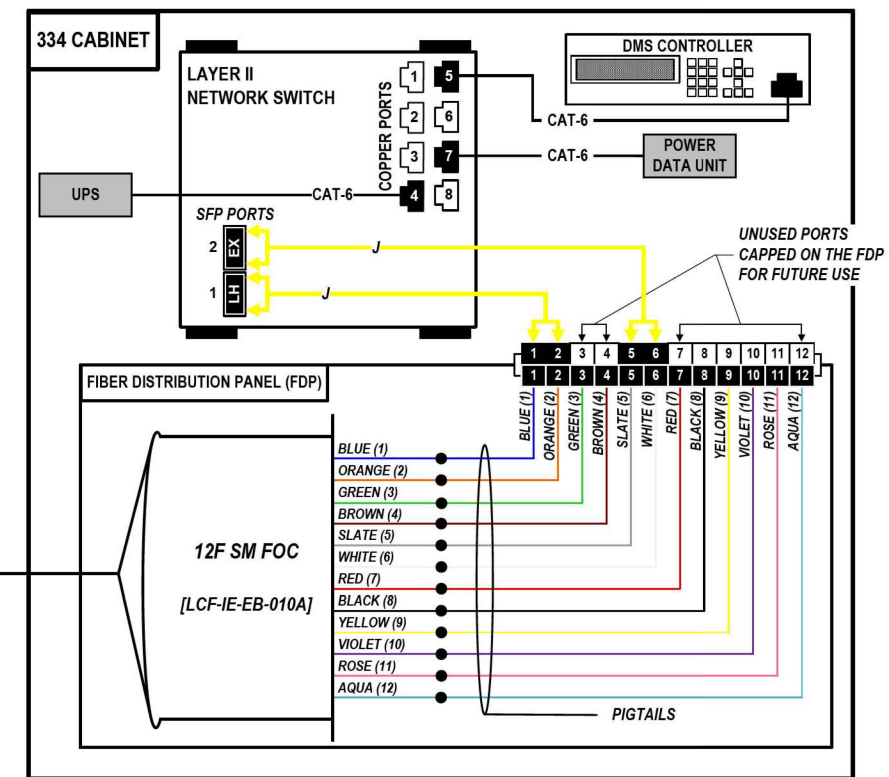
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	349
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

LOCATION ID: IE34A & DMS-48 (DETAIL 2)



SEE
IE34A & DMS-48
(DETAIL 1)

SEE
IE34A & DMS-48
(DETAIL 1)



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

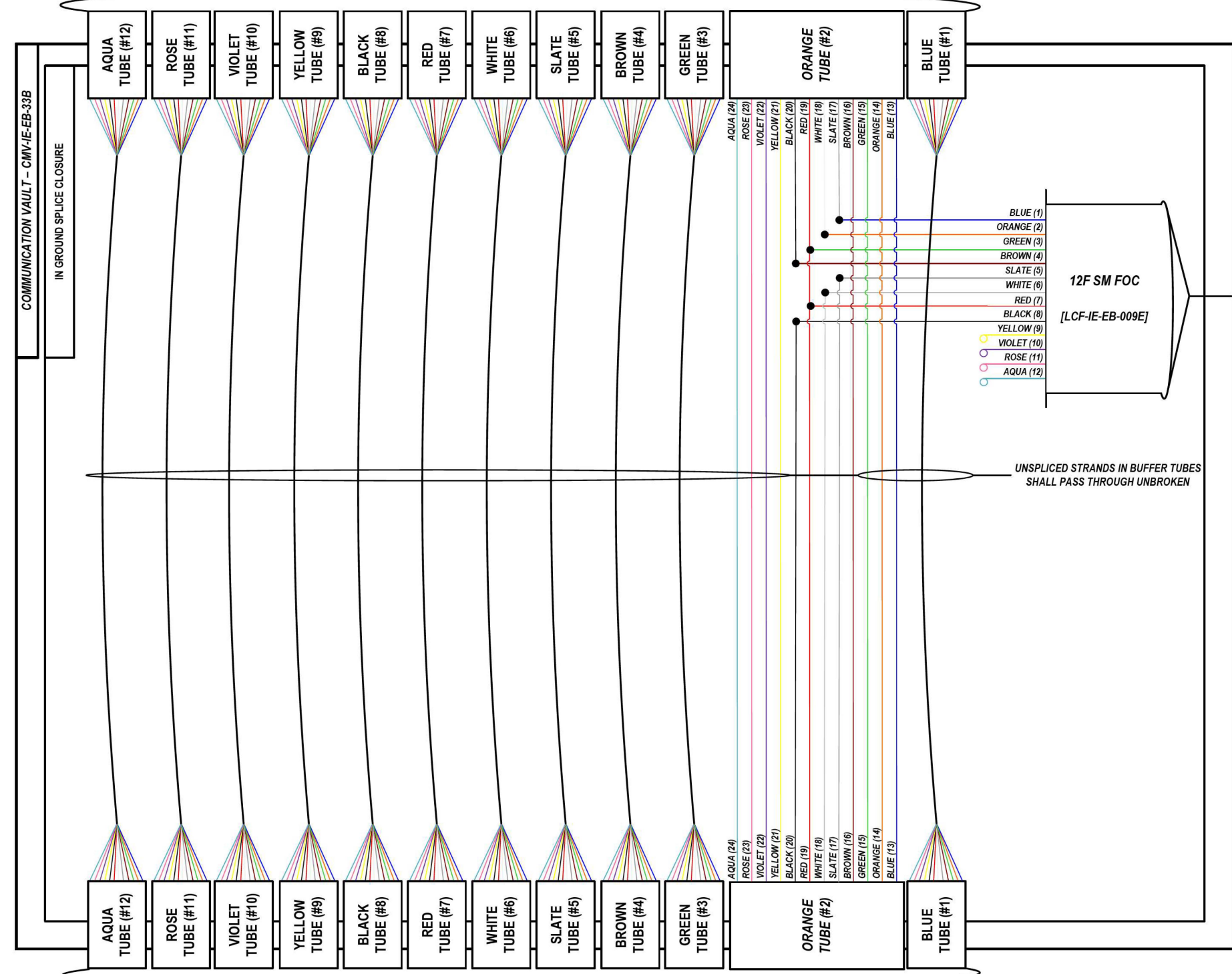
LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

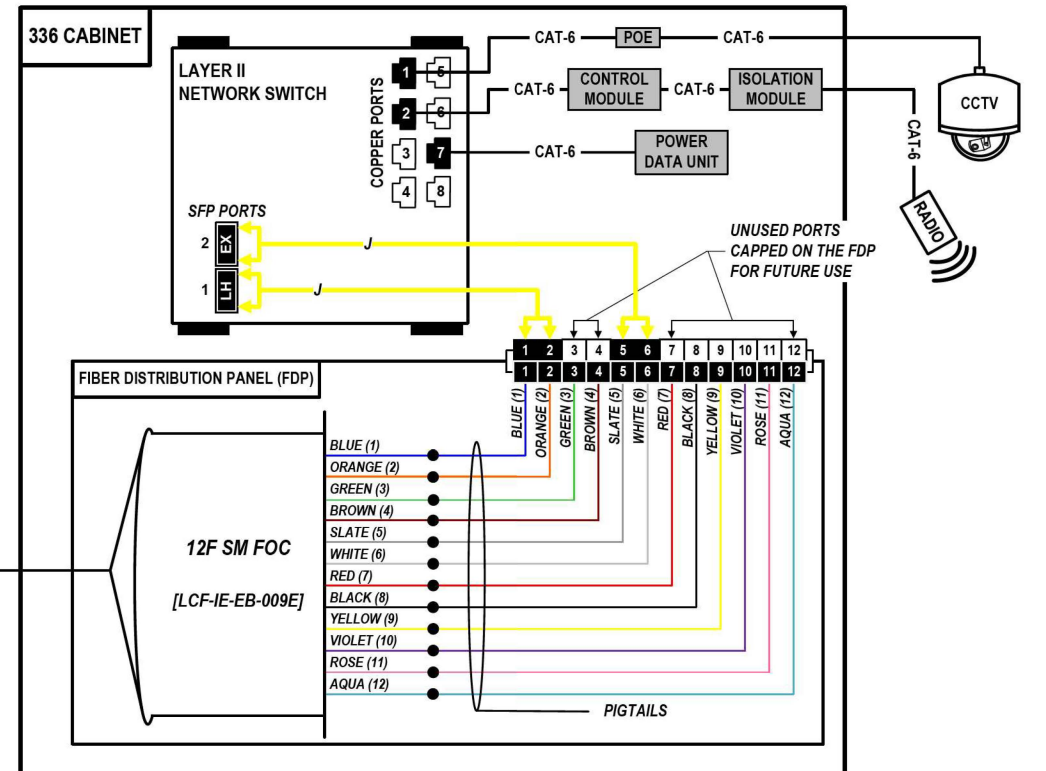
MODEL: DP_SHEET_V
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FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-009]

LOCATION ID: IE33A



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-009]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\62R19-SHT-ITS-SPLICE-13.DGN

ATLAS
 ATLAS TECHNICAL CONSULTANTS, LLC
 100 S. WACKER DRIVE, SUITE 400
 CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
DRAWN - AJW	REVISIED -	
PLOT SCALE = 0.16666667 / IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

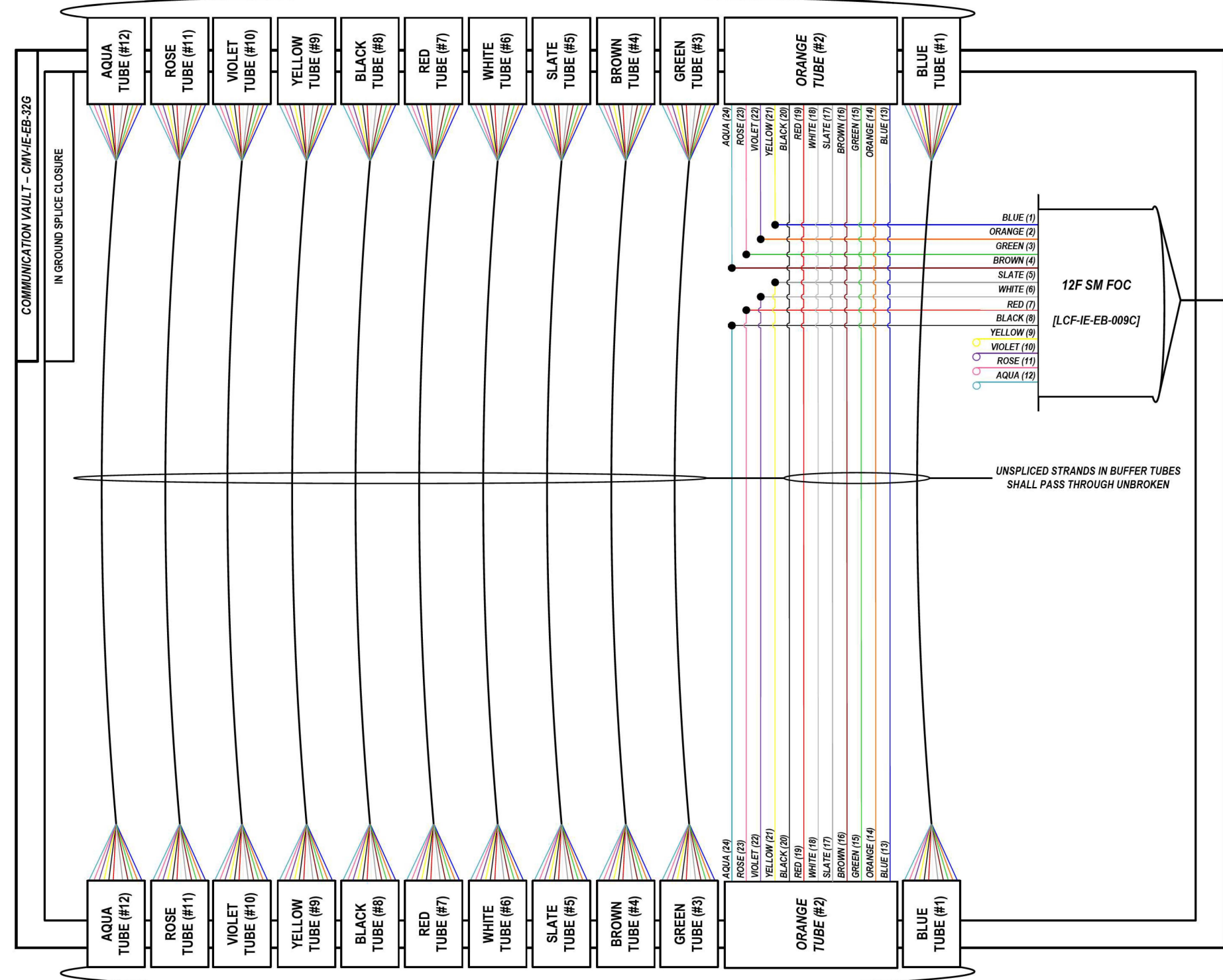
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-80 SPLICE DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

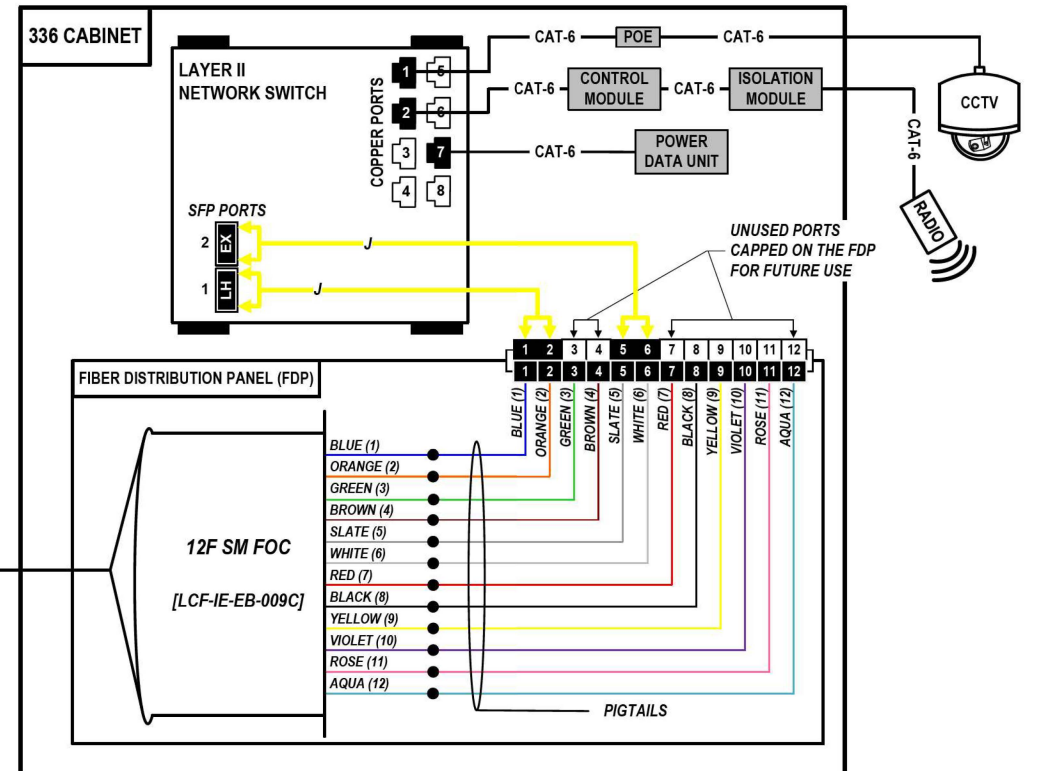
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	351
CONTRACT NO. 62R19			ILLINOIS FED. AID PROJECT	

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-009]

LOCATION ID: IE32D



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-009]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\PHW-011\DM525256562019-SHT-ITS-SPLICE-14.DGN

ATLAS
 ATLAS TECHNICAL CONSULTANTS, LLC
 100 S. WACKER DRIVE, SUITE 400
 CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
DRAWN - AJW	REVISED -	
PLOT SCALE = 0.16666667 / IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

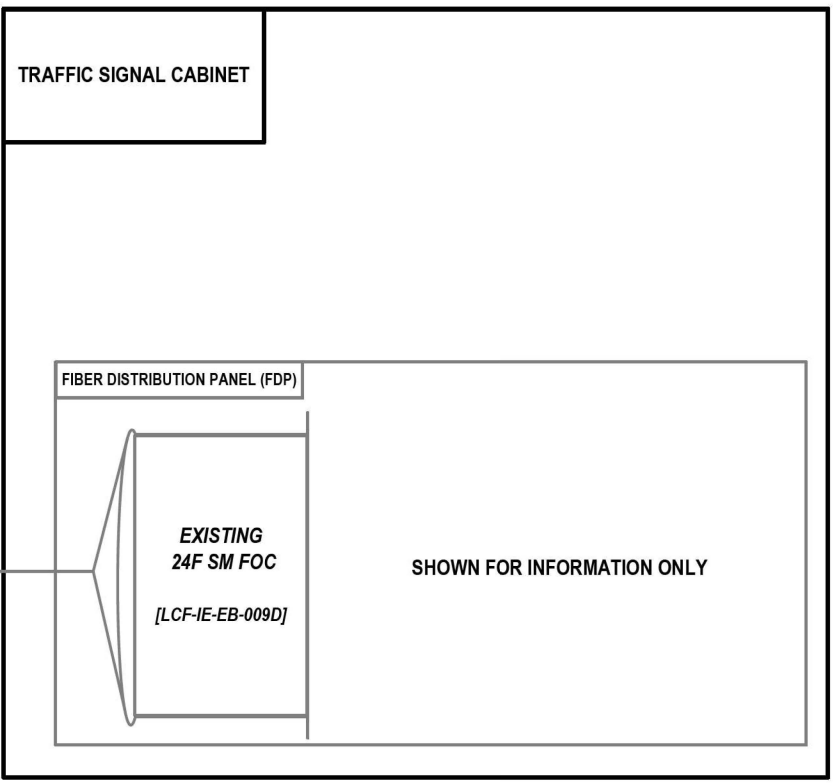
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS		F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 352
SCALE: N.T.S.	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 62R19			

ILLINOIS	FED. AID PROJECT
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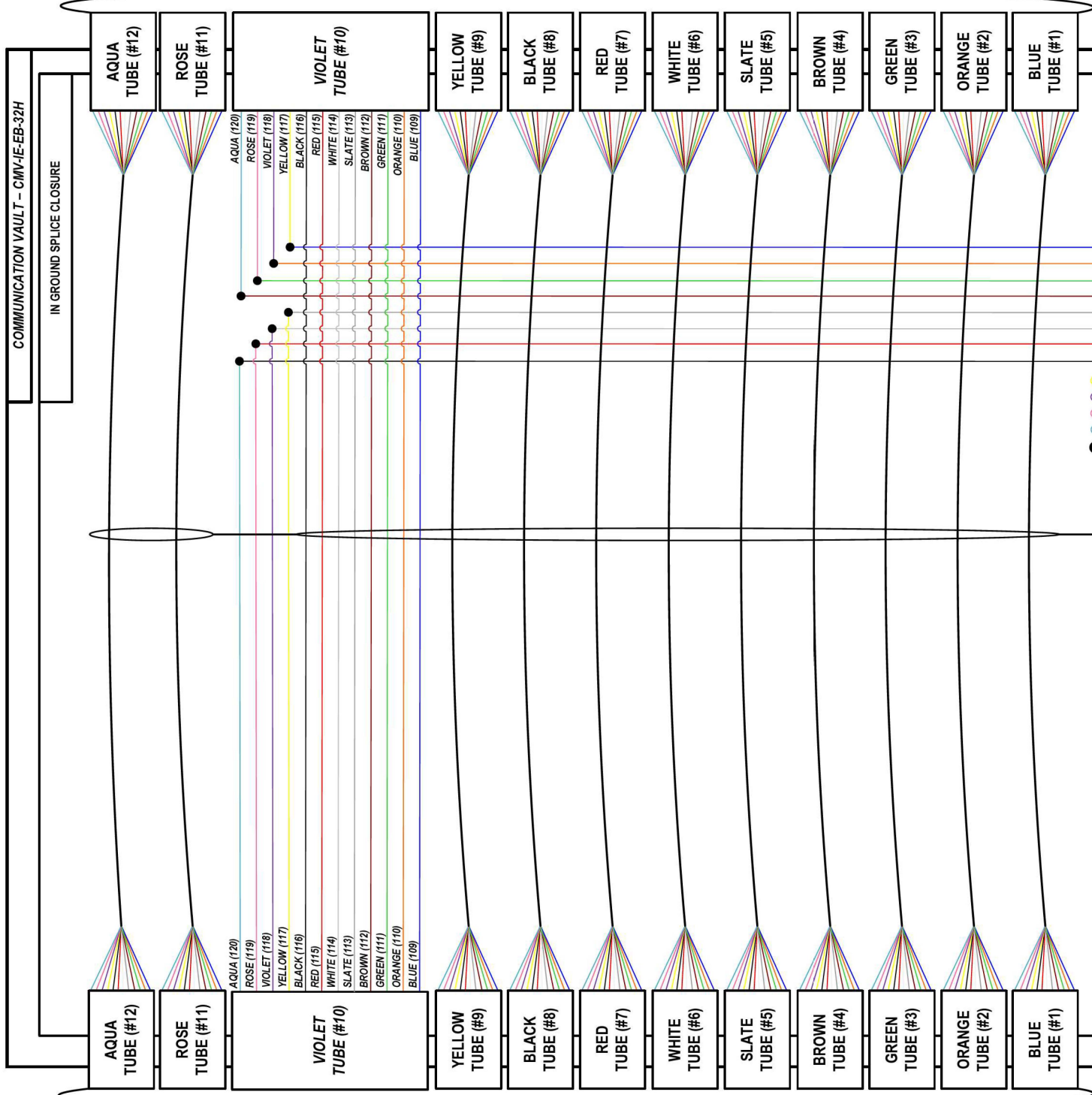
FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-009]

LOCATION ID: TS7536 (LARKIN AVE.)



- BLUE (1)
- ORANGE (2)
- GREEN (3)
- BROWN (4)
- SLATE (5)
- WHITE (6)
- RED (7)
- BLACK (8)
- YELLOW (9)
- VIOLET (10)
- ROSE (11)
- AQUA (12)
- (13-24)

UNSPliced STRANDS IN BUFFER TUBES
SHALL PASS THROUGH UNBROKEN



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-009]

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-021\DM525656\62R19-SHT-TS-SPLICE-LS.DGN

ATLAS
 ATLAS TECHNICAL CONSULTANTS, LLC
 100 S. WACKER DRIVE, SUITE 400
 CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

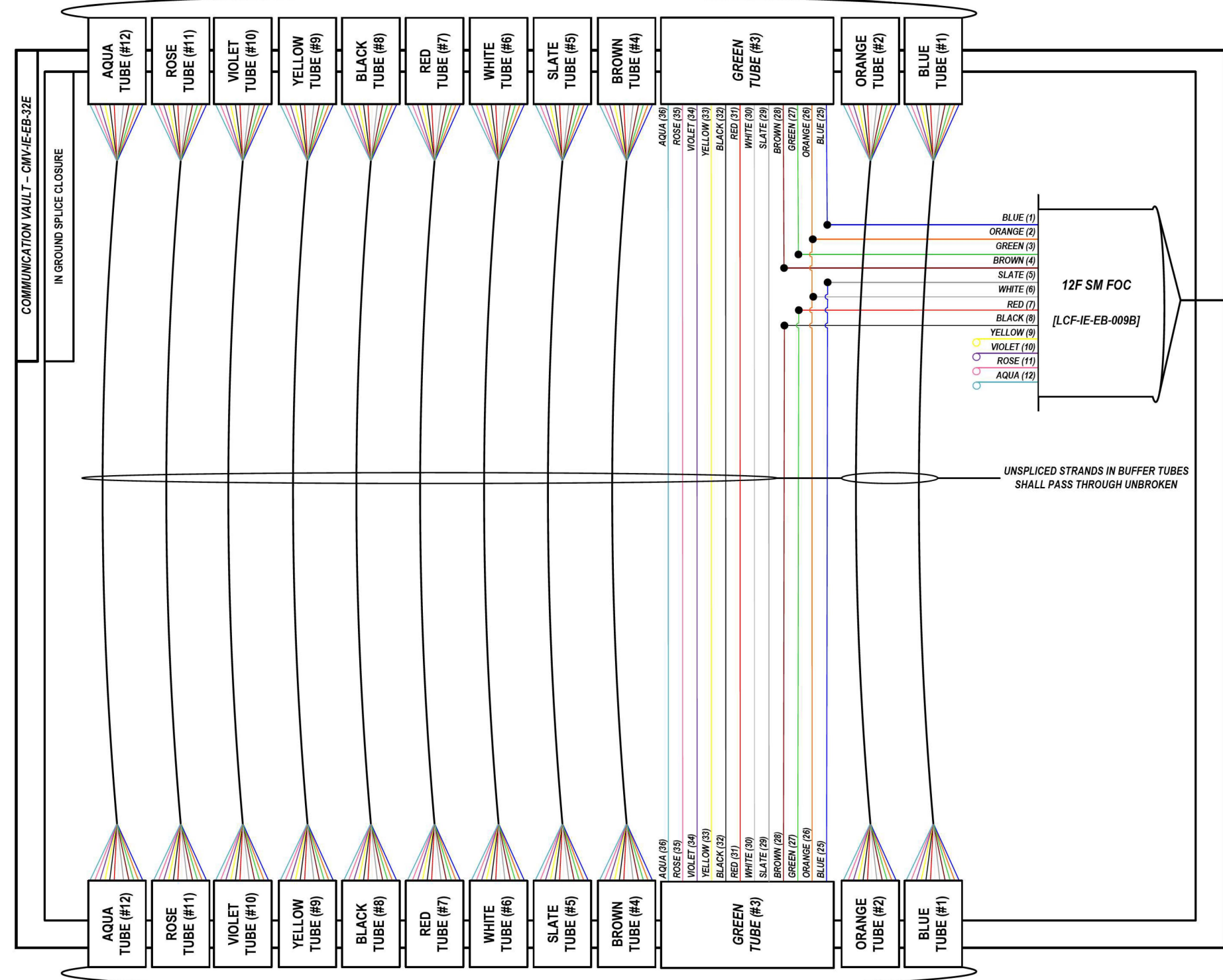
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80	
SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

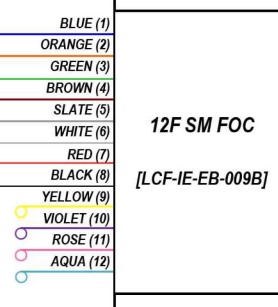
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	353
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-009]

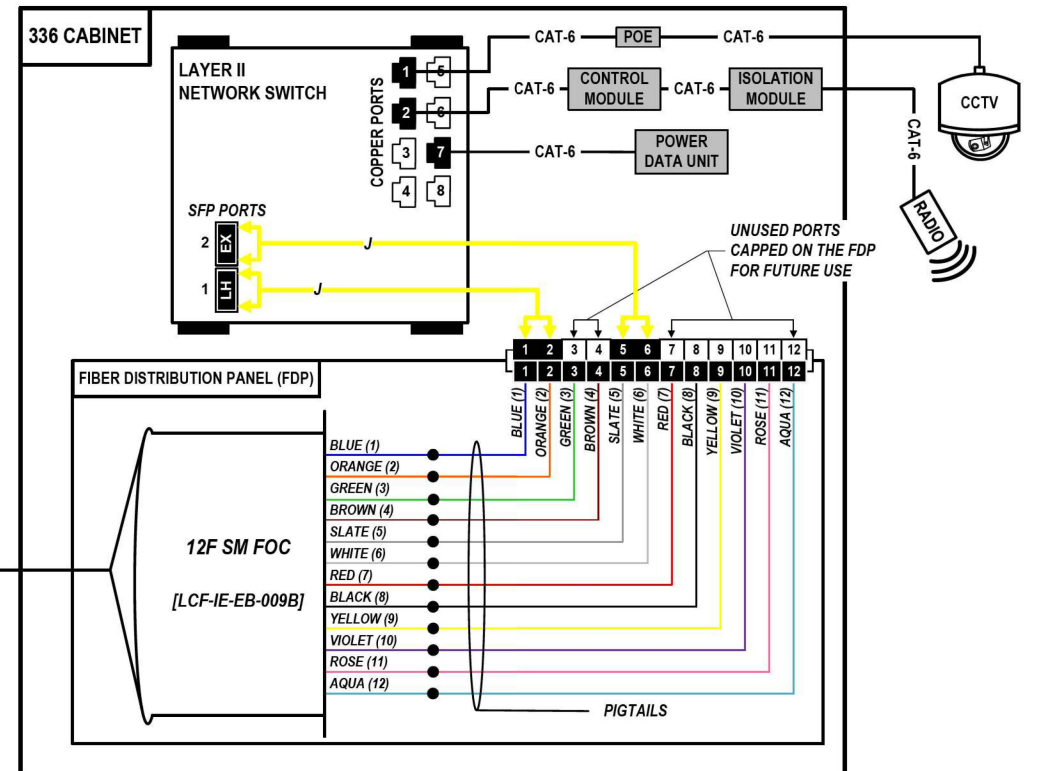
LOCATION ID: IE32C



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-009]



UNSPliced STRANDS IN BUFFER TUBES SHALL PASS THROUGH UNBROKEN



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\62R19-SHT-ITS-SPLICE-16.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

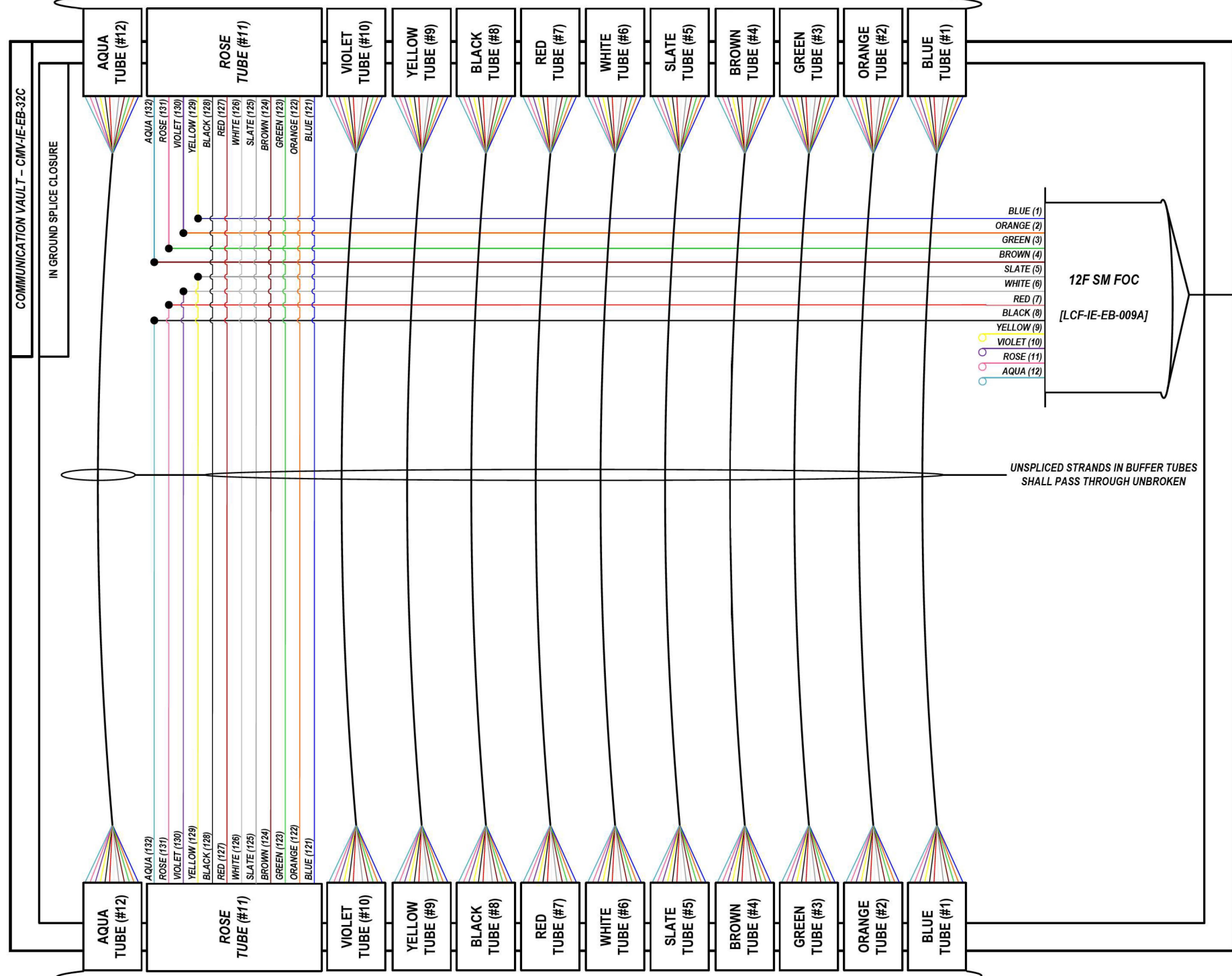
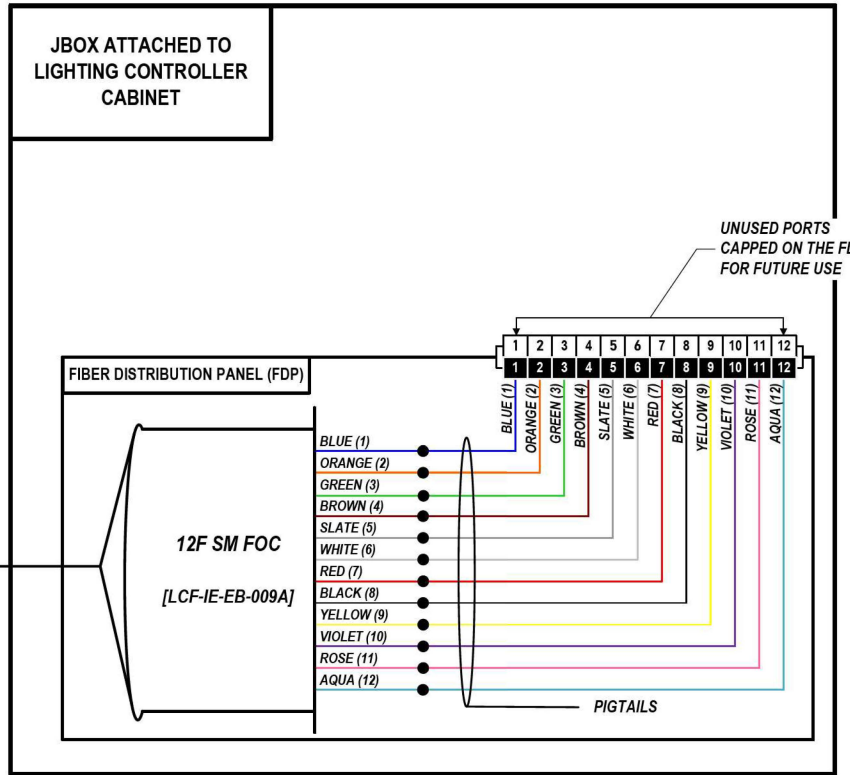
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 354
CONTRACT NO. 62R19			ILLINOIS FED. AID PROJECT	

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-009]

LOCATION ID: LC 'Y' L0770 (LARKIN AVE.)

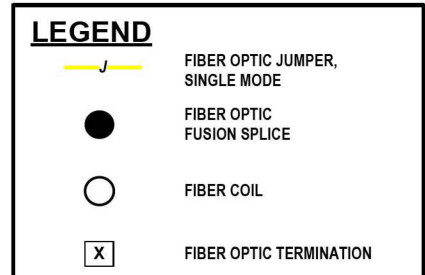


FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-009]

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.



MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\62R19-SHT-ITS-SPLICE-17.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
SPLICE DETAILS

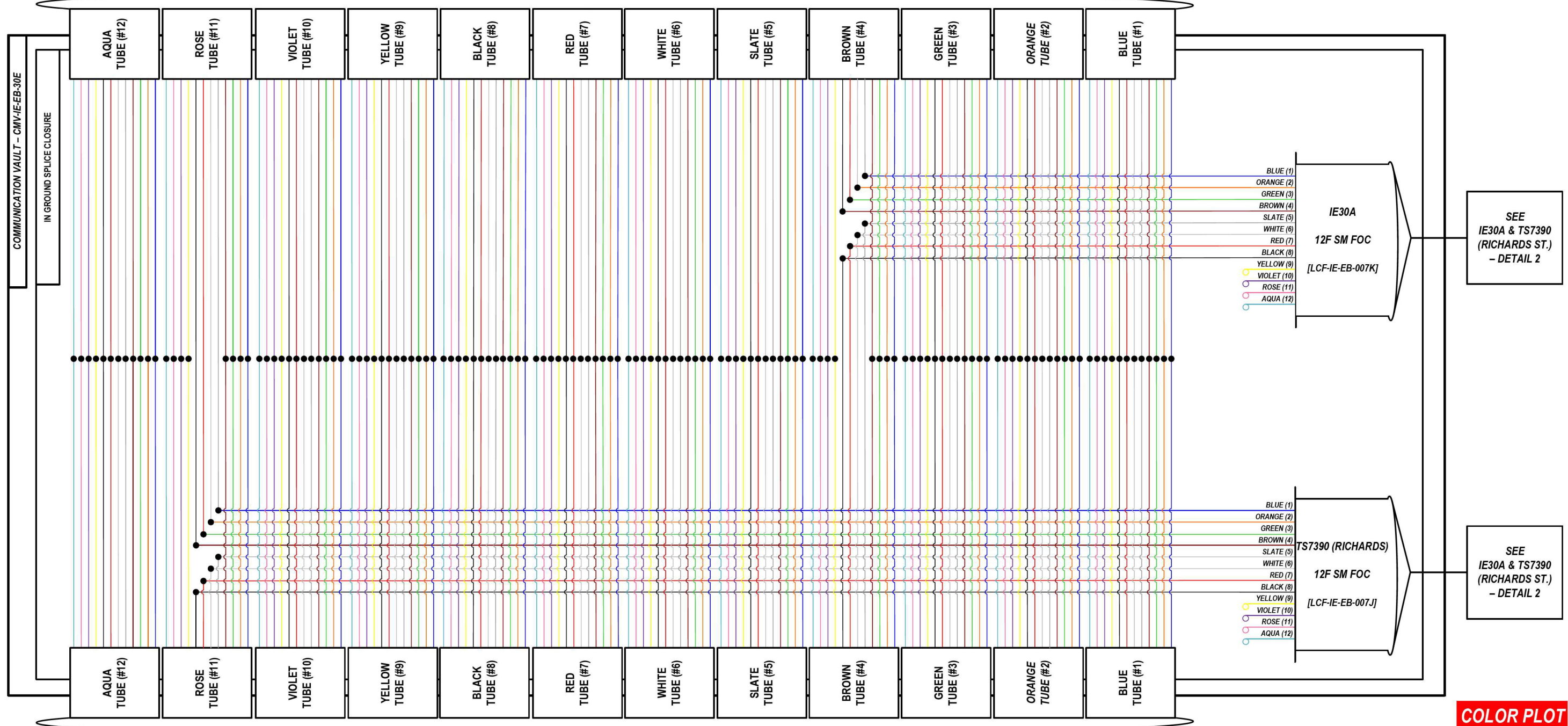
SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	355
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

LOCATION ID: IE30A & TS7390 (RICHARDS ST.) – DETAIL 1

144 SM FOC [DCF-IE-EB-007]

144 SM FOC [DCF-IE-WB-007]



COLOR PLOT

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

SEE
IE30A & TS7390
(RICHARDS ST.)
– DETAIL 2

SEE
IE30A & TS7390
(RICHARDS ST.)
– DETAIL 2

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-01\DM525656\62R19-SHT-ITS-SPLICE-18.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

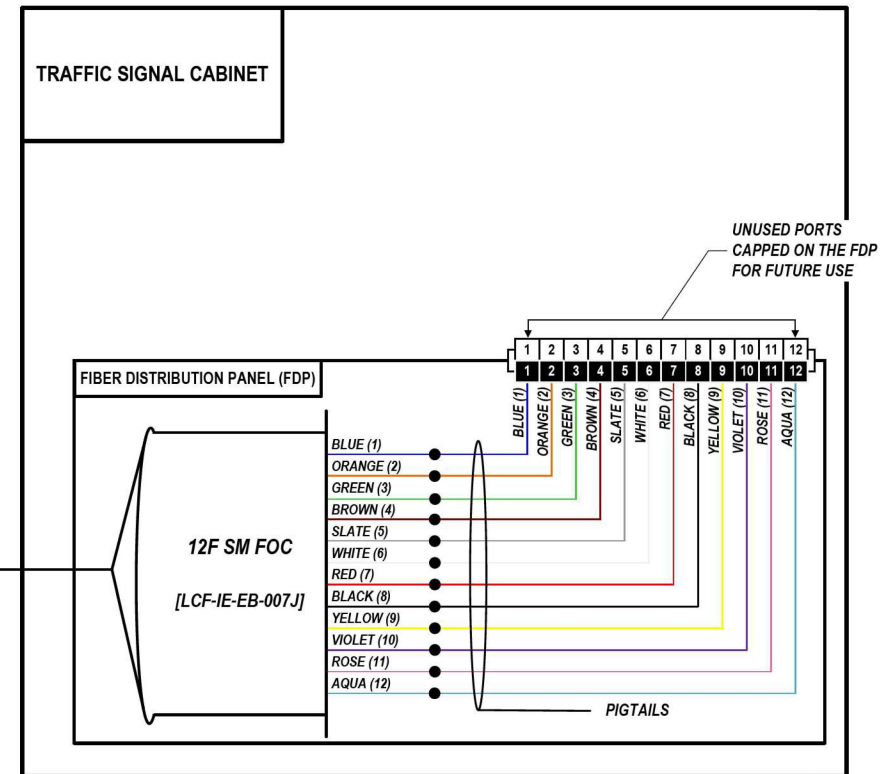
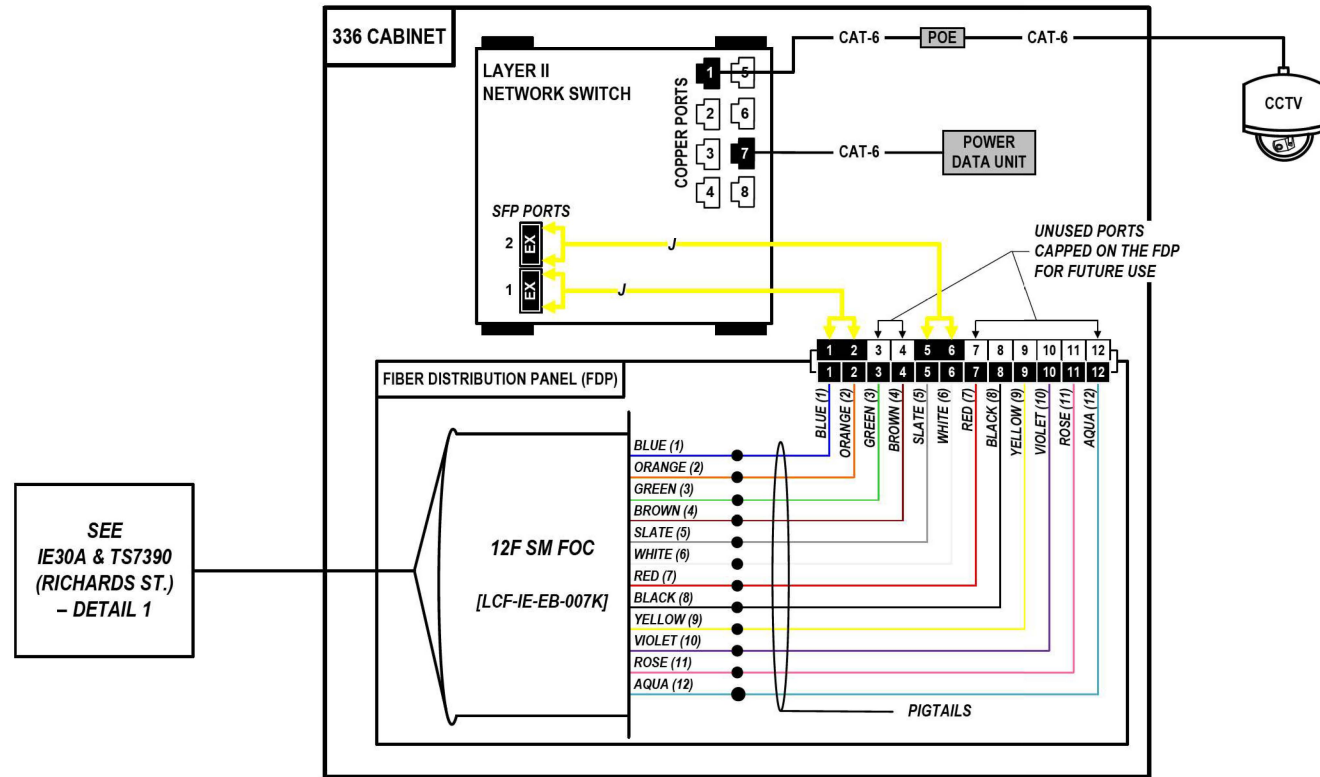
USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPLICE DETAILS		F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 356
SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.

ILLINOIS	FED. AID PROJECT
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LOCATION ID: IE30A & TS7390 (RICHARDS ST.) – DETAIL 2



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

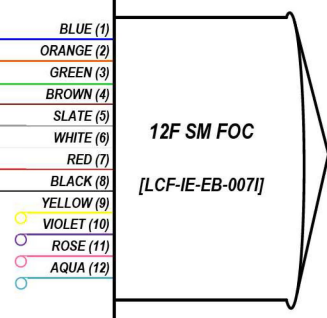
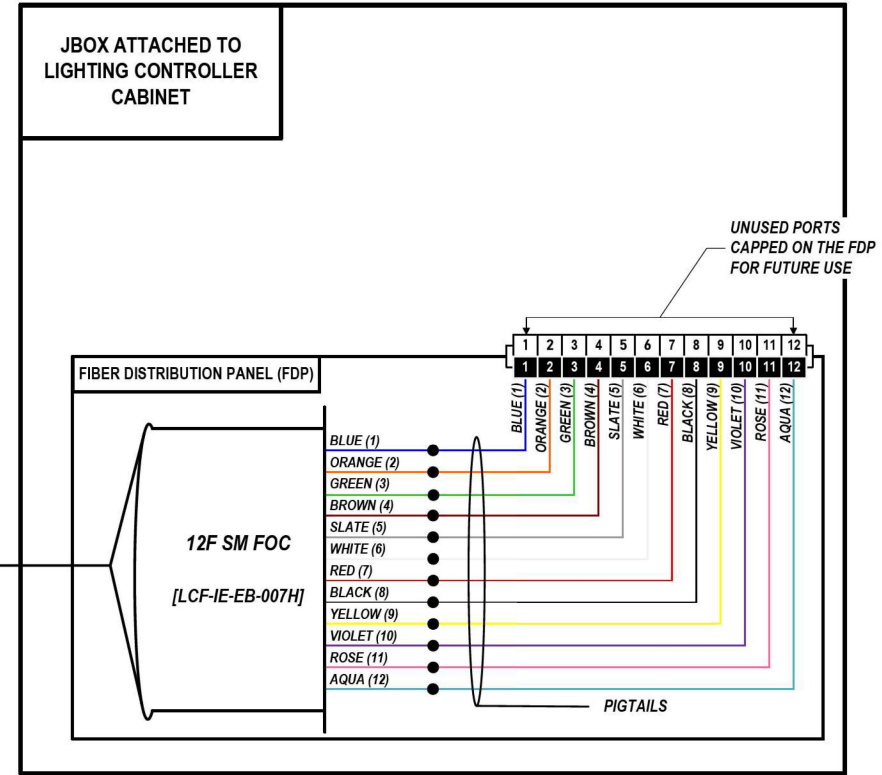
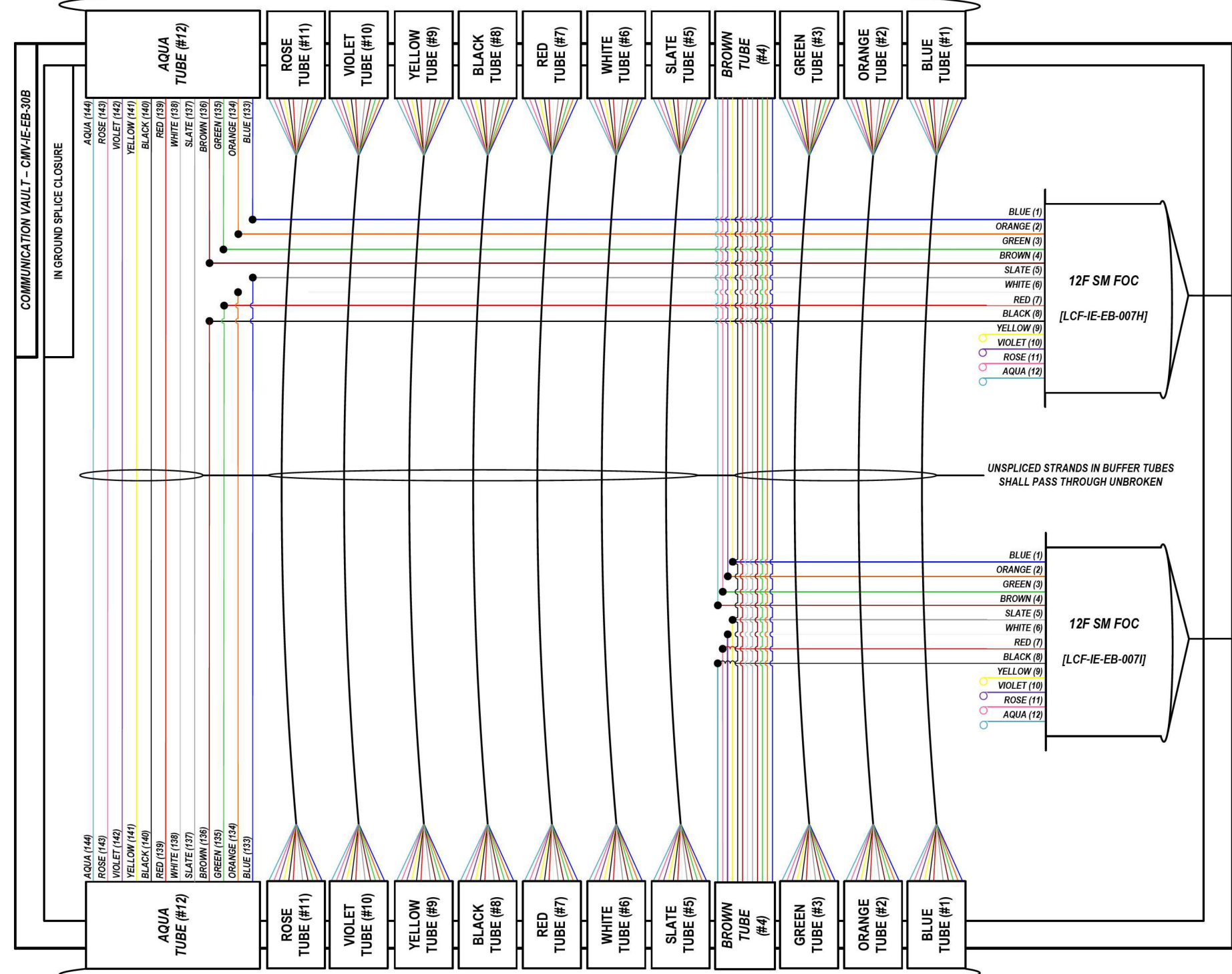
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USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJV	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	357
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]

LOCATION ID: LC 'S' L0740 (RICHARDS ST.)



SEE IE30
SPlicing
DETAIL SHEET

COLOR PLOT

NOTES:
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPlicing.

LEGEND	
	FIBER OPTIC JUMPER, SINGLE MODE
	FIBER OPTIC FUSION SPlice
	FIBER COIL
	FIBER OPTIC TERMINATION

MODEL: DP SHEET V
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\PW-011\DM525656\62R19-SHT-ITS-SPlice-20.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

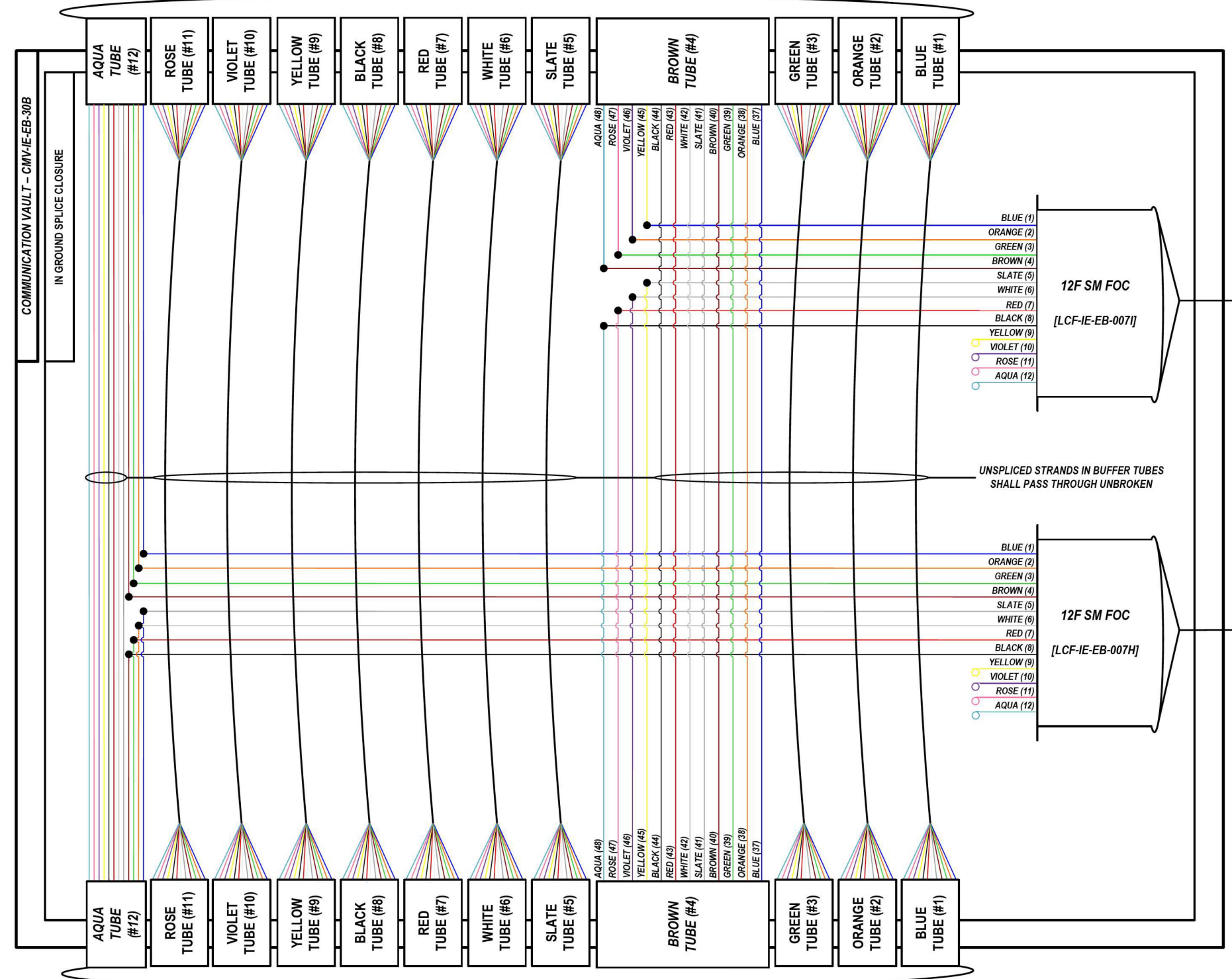
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlicing DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

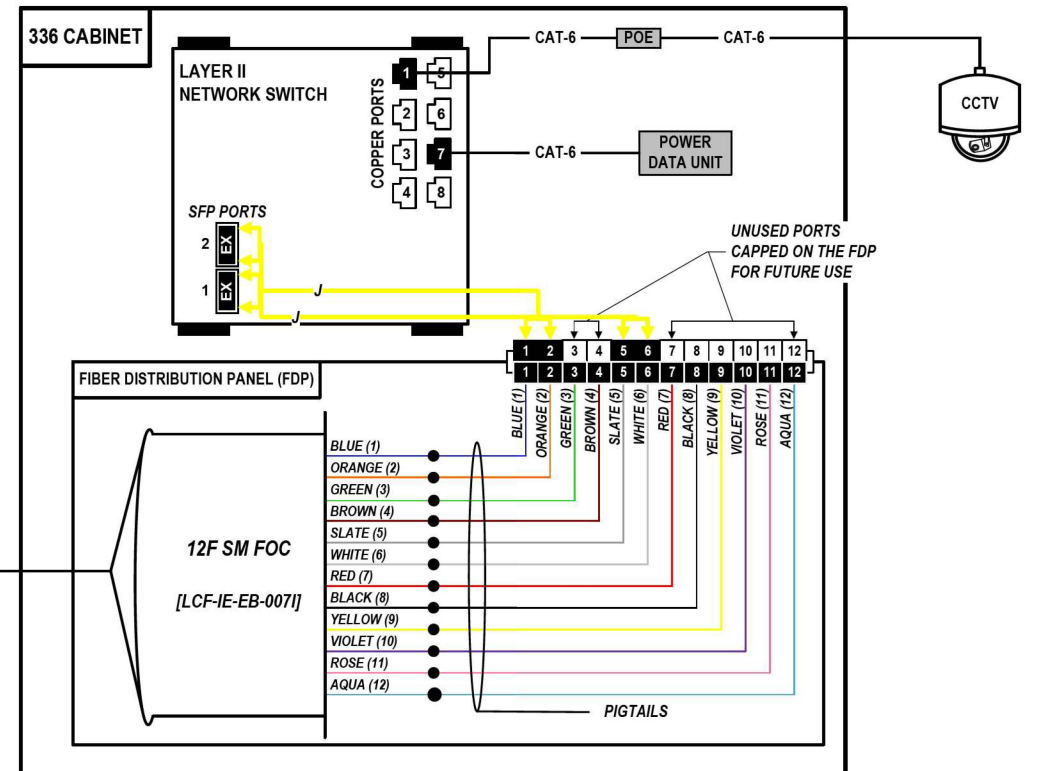
F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 358
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]

LOCATION ID: IE30



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-01\DM52565662019-SHT-ITS-SPLICE-21.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

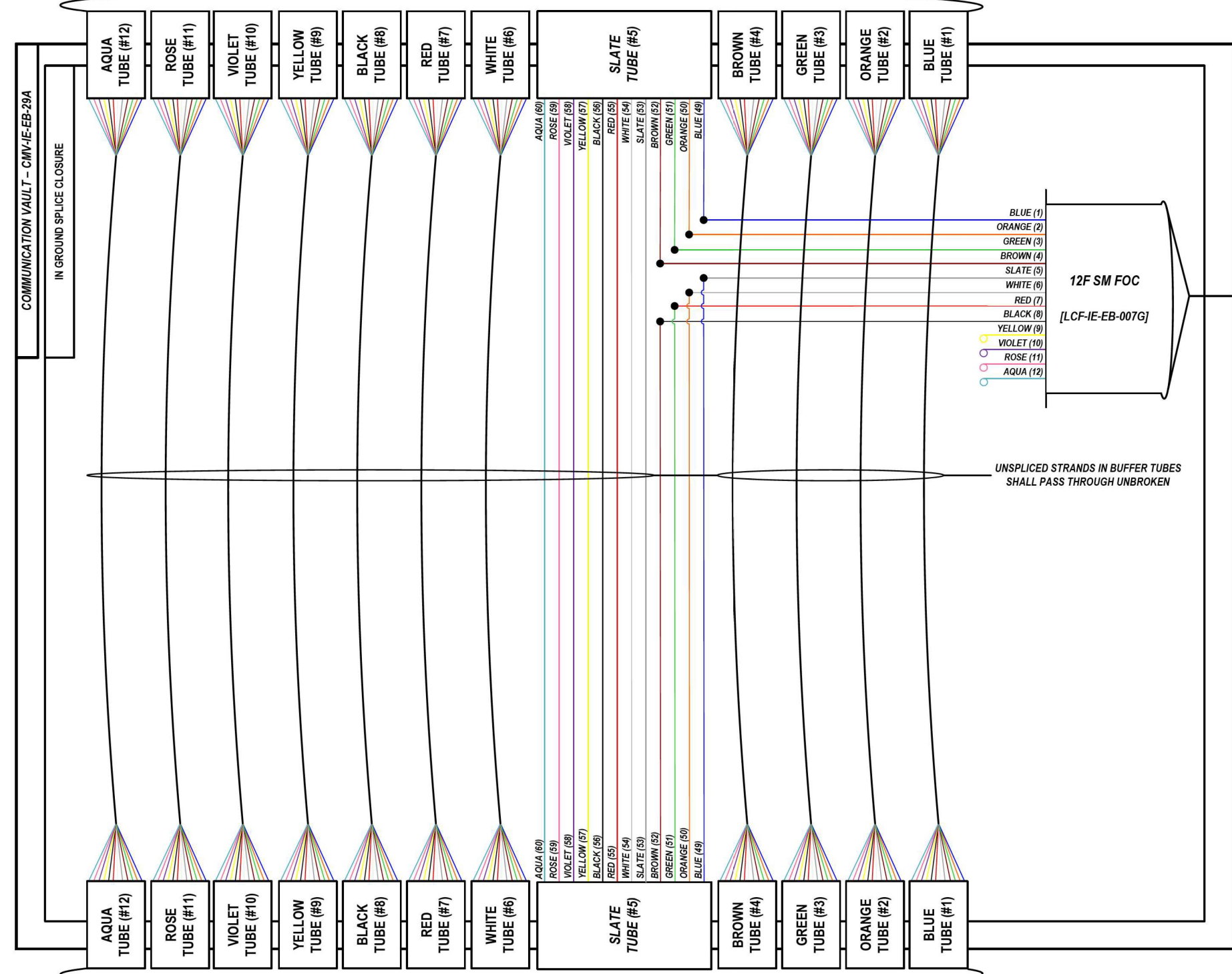
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SPlice DETAILS		80	FAI 80 21 VLS	VARIOUS	467	359
SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO	STA.

CONTRACT NO. 62R19		ILLINOIS	FED. AID PROJECT
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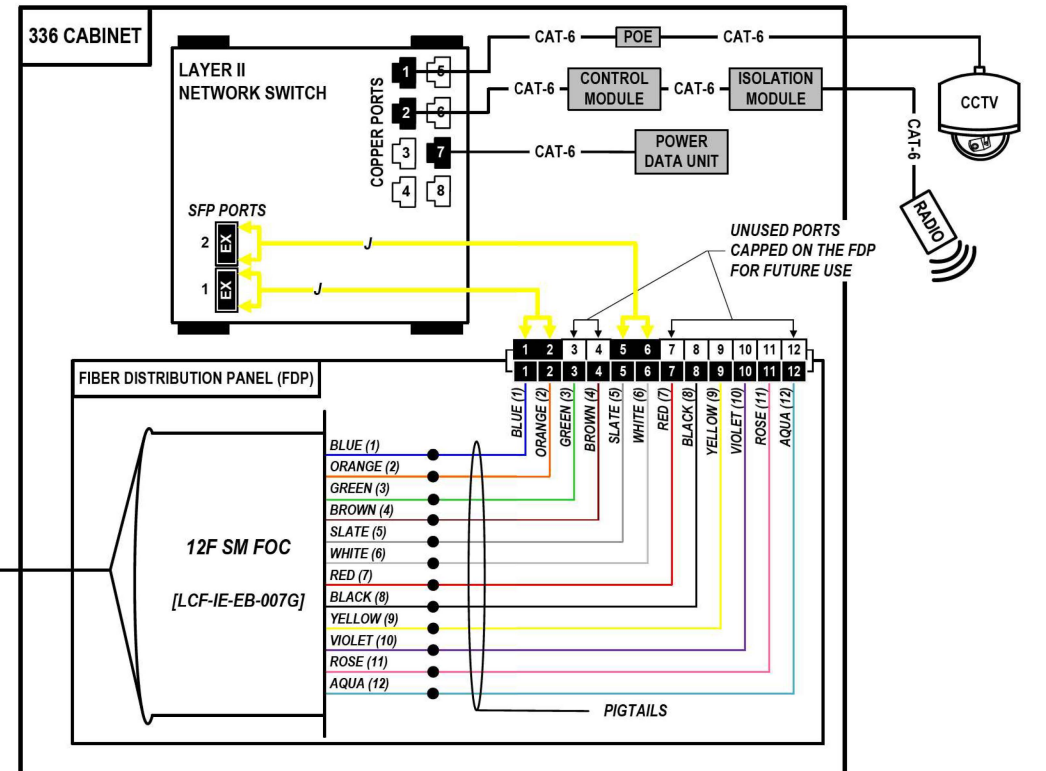
FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]

LOCATION ID: IE29



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]

COMMUNICATION VAULT - CMV-IE-EB-29A
IN GROUND SPLICE CLOSURE



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-021\DM525656\62R19-SHRT-ITS-SPLICE-22.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

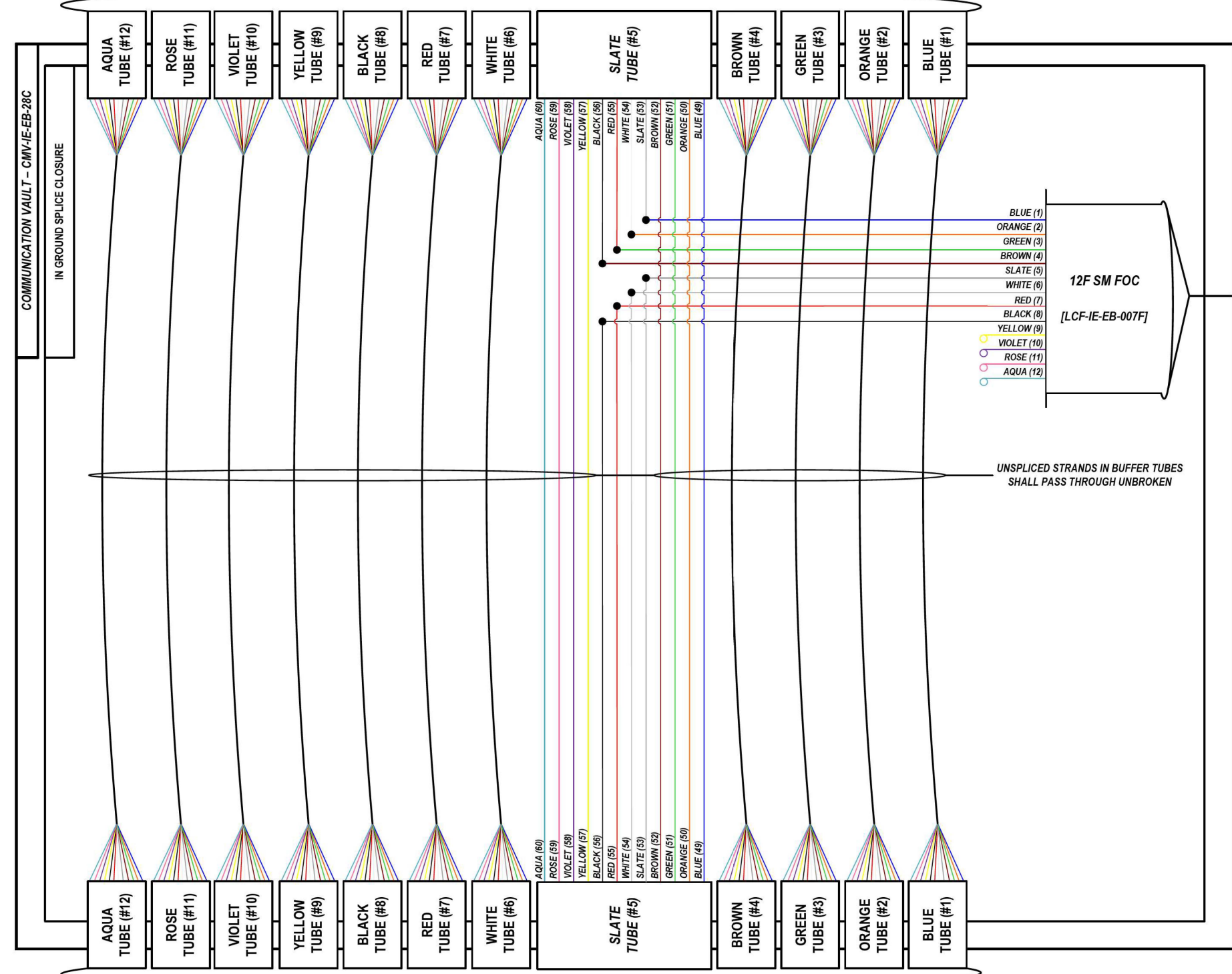
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

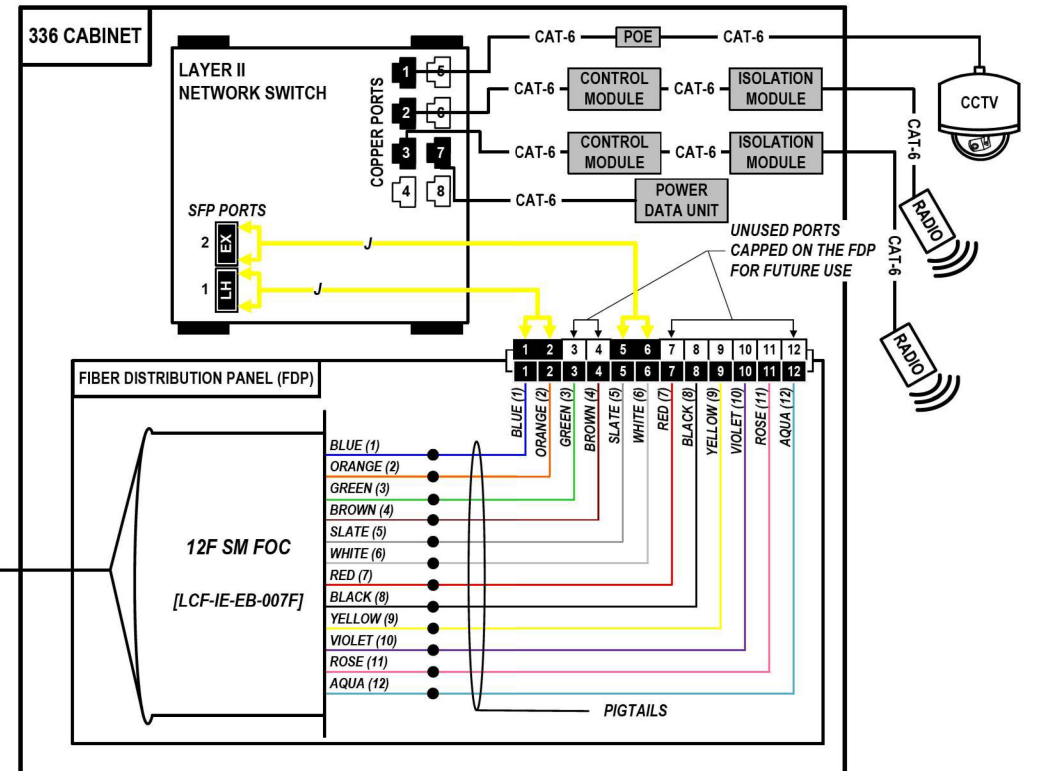
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	360
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]

LOCATION ID: IE28B



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPlicing.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\62R19-SHT-ITS-SPLICE-23.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

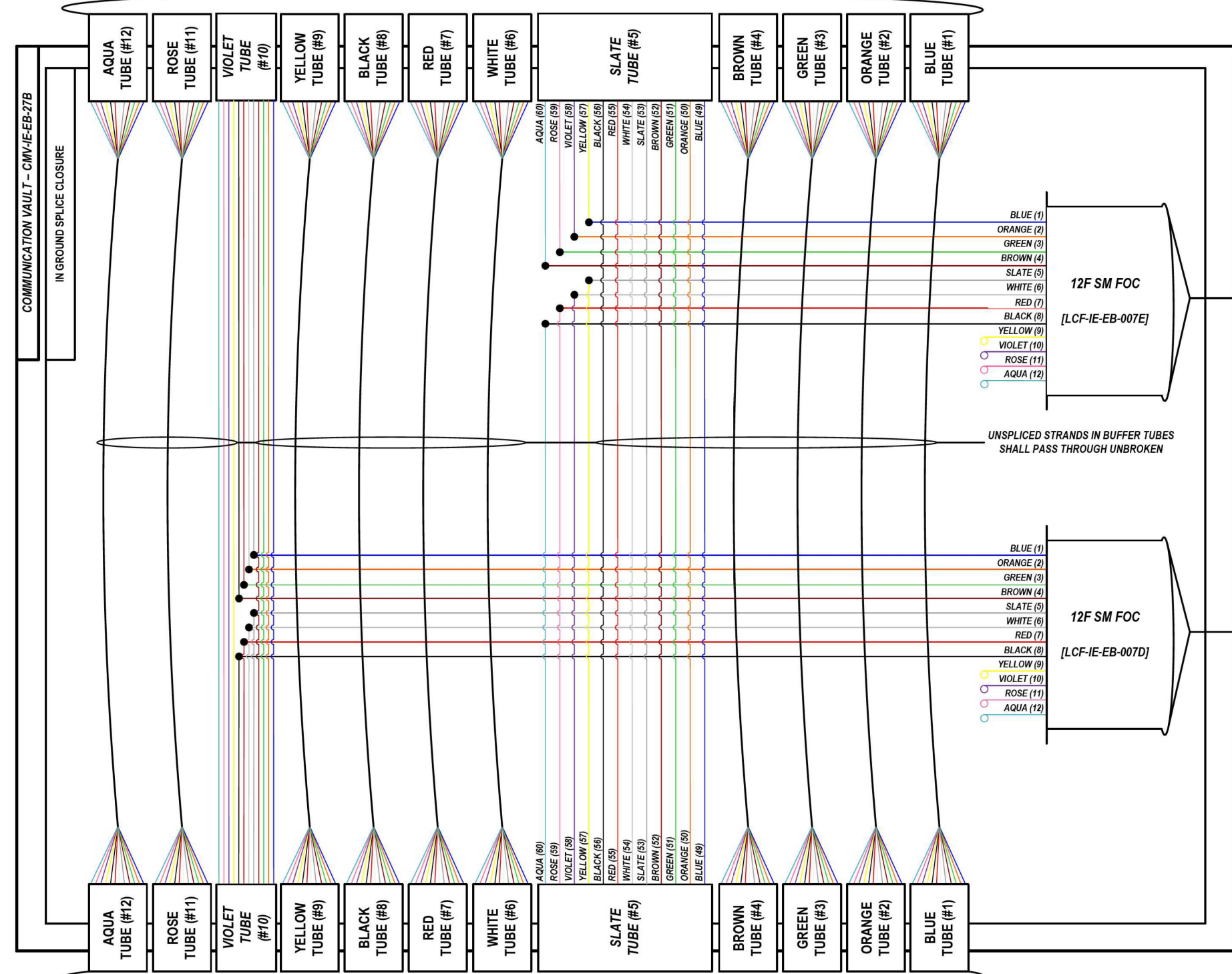
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

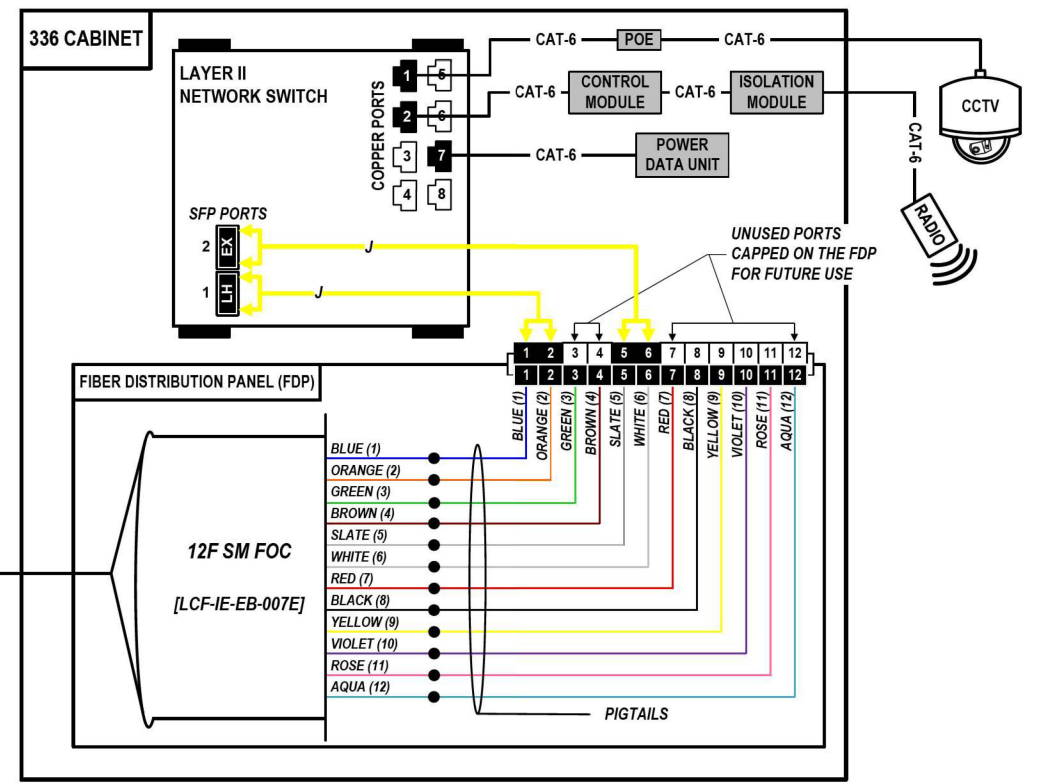
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	361
CONTRACT NO. 62R19			ILLINOIS FED. AID PROJECT	

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]

LOCATION ID: IE27A



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]



SEE DMS-41
SPLICING
DETAIL SHEET

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP SHEET V
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USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

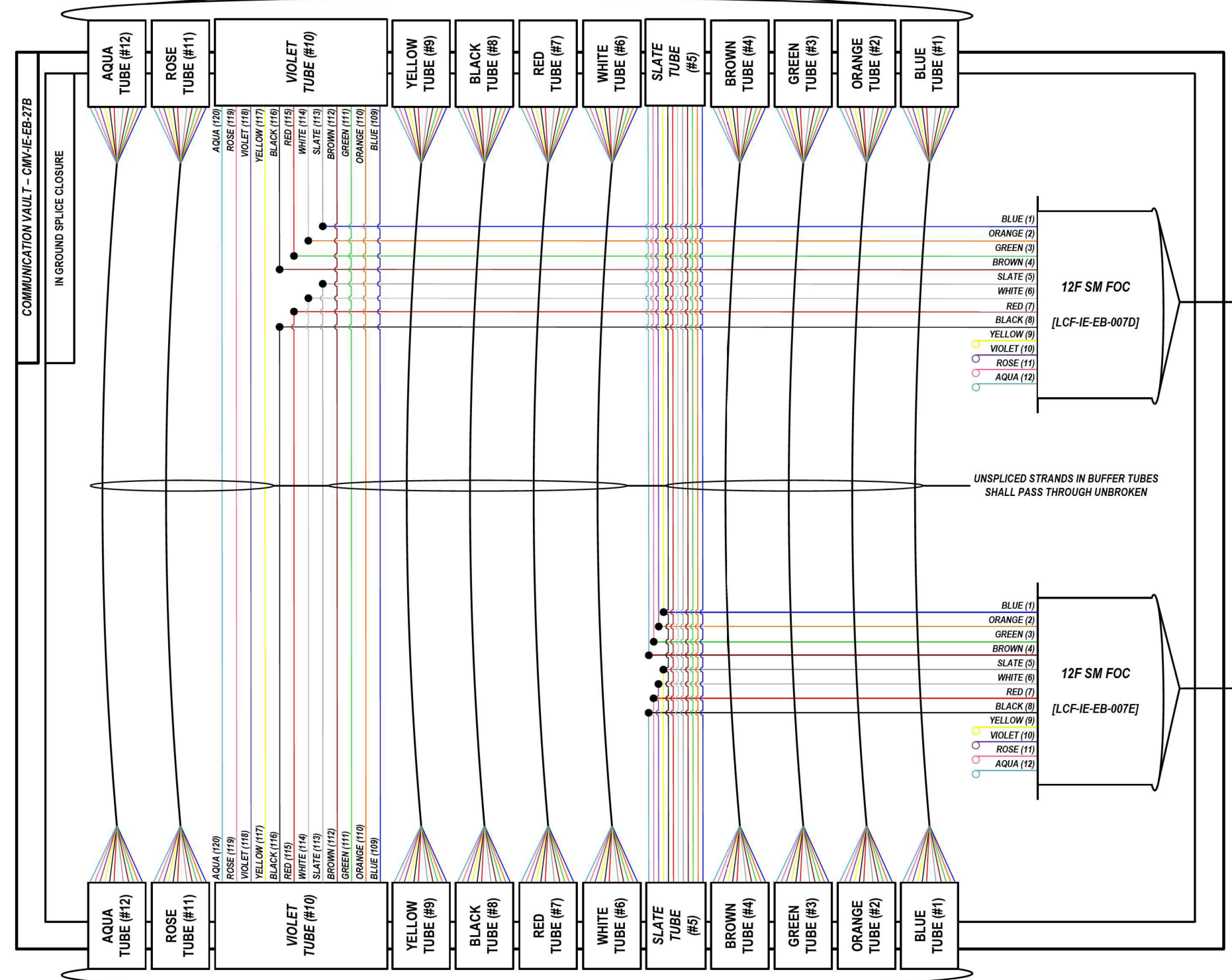
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80
SPlice DETAILS
SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

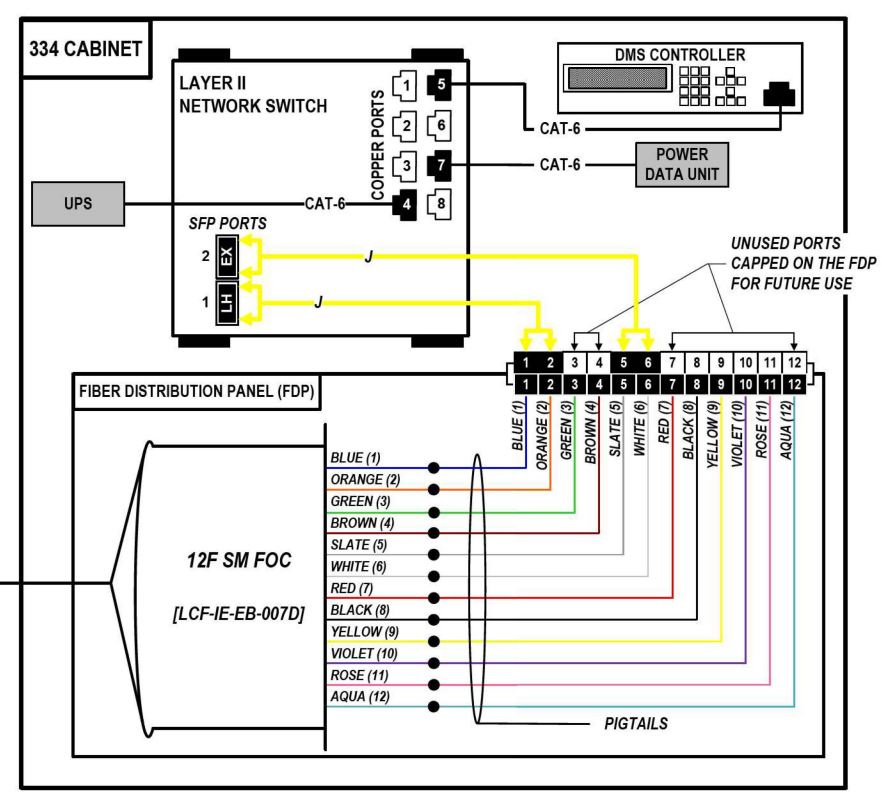
F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 362
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]

LOCATION ID: DMS-41



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]



SEE IE27A
SPlicing
DETAIL SHEET

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPlicing.

LEGEND			
	FIBER OPTIC JUMPER, SINGLE MODE		
	FIBER OPTIC FUSION SPlice		
	FIBER COIL		
	FIBER OPTIC TERMINATION		

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\PHW-01\DMS41\TRANSYSTEMS\PHW-01\IE-EB-007-ITS-SPlice-23.DWG



USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

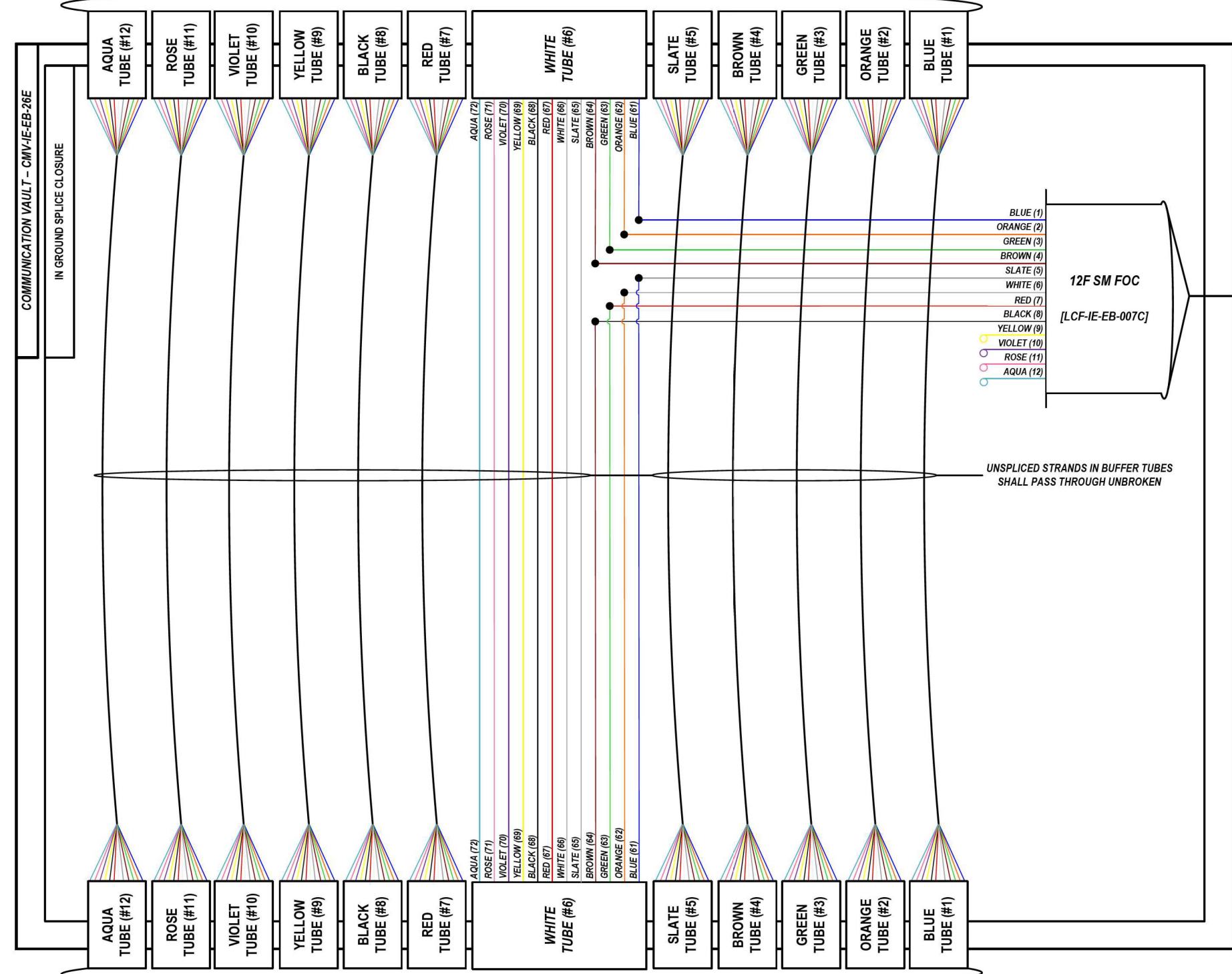
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

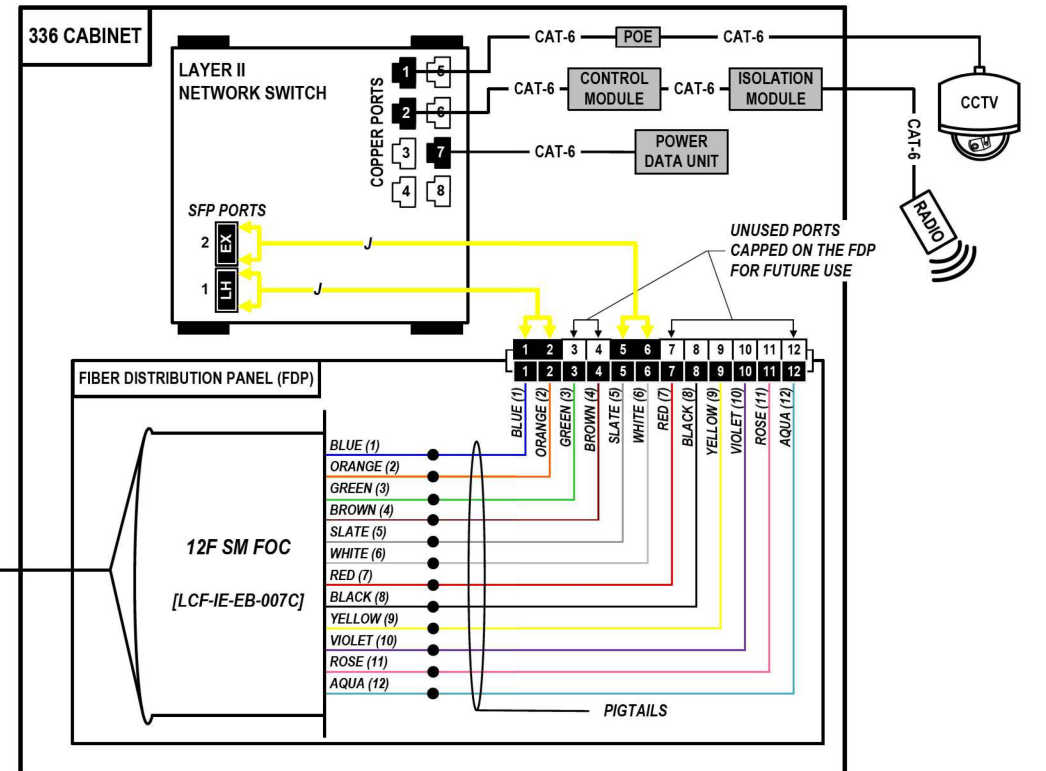
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	363
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]

LOCATION ID: IE26B



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\62R19-SHT-ITS-SPLICE-26.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 1/IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

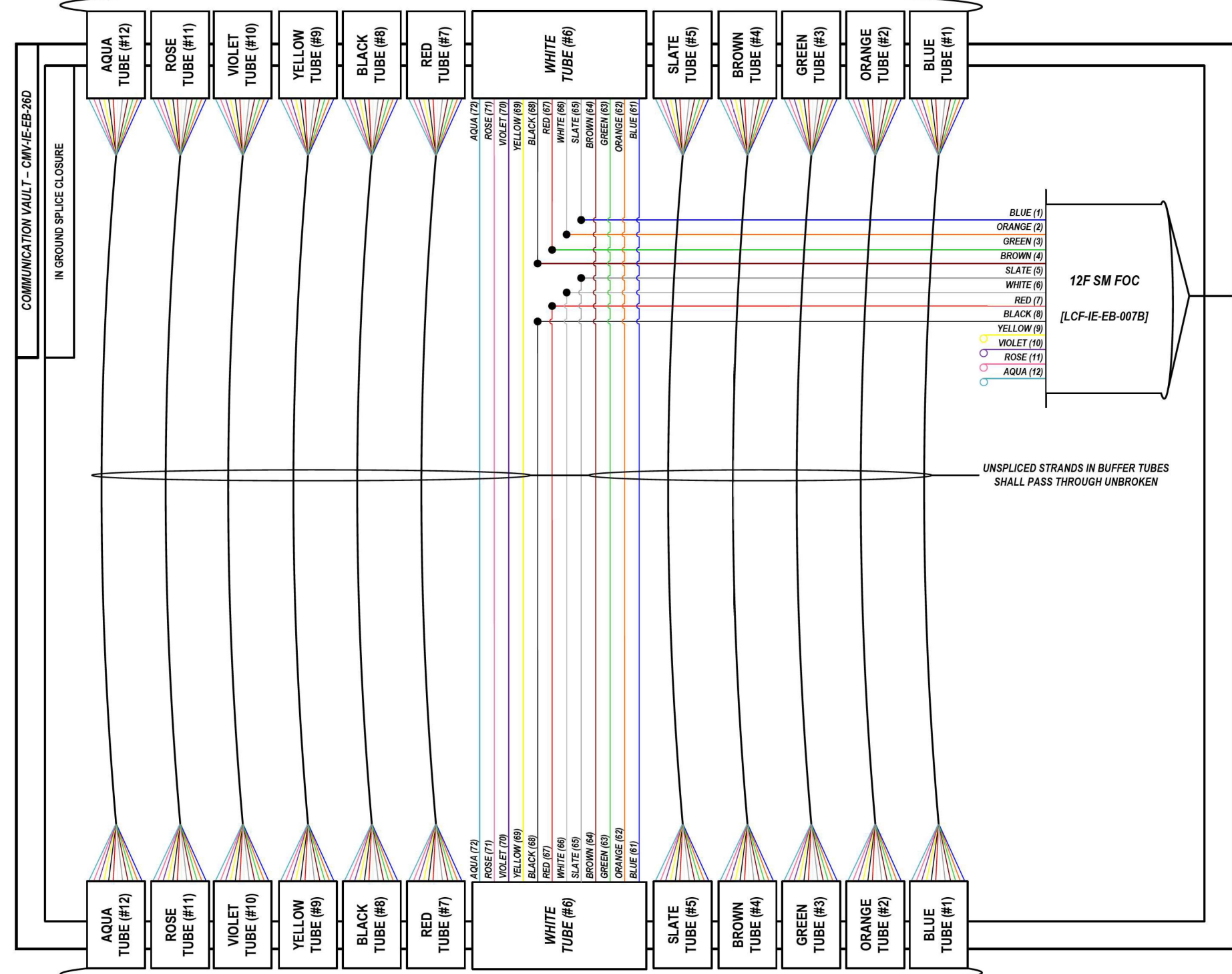
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

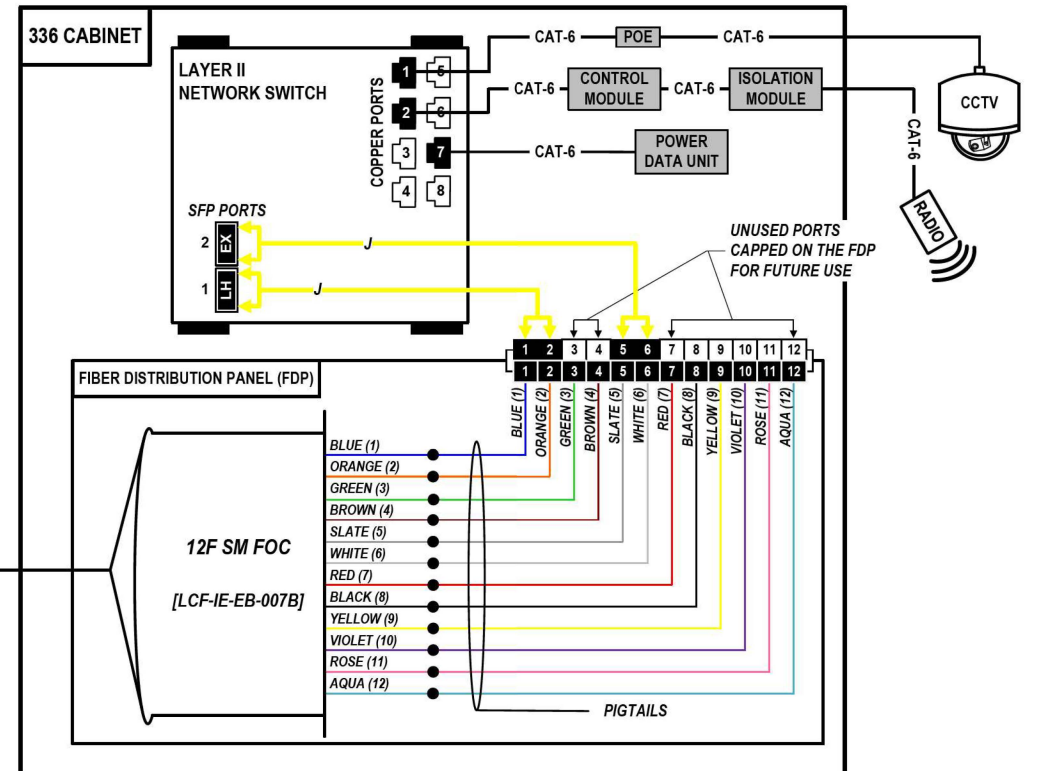
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	364
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]

LOCATION ID: IE26A



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS-PW-01\DM525656\2019-SHT-ITS-SPLICE-27.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

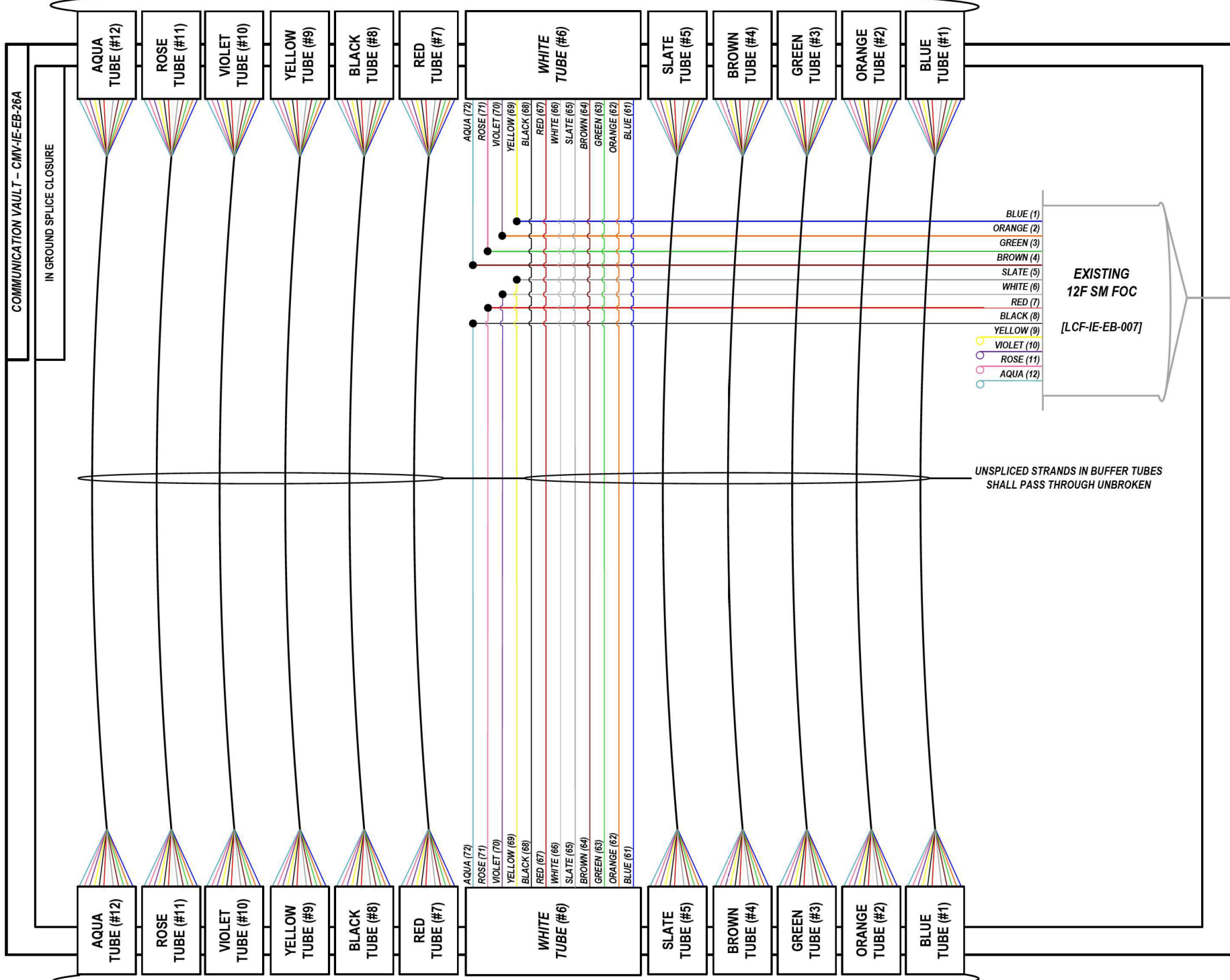
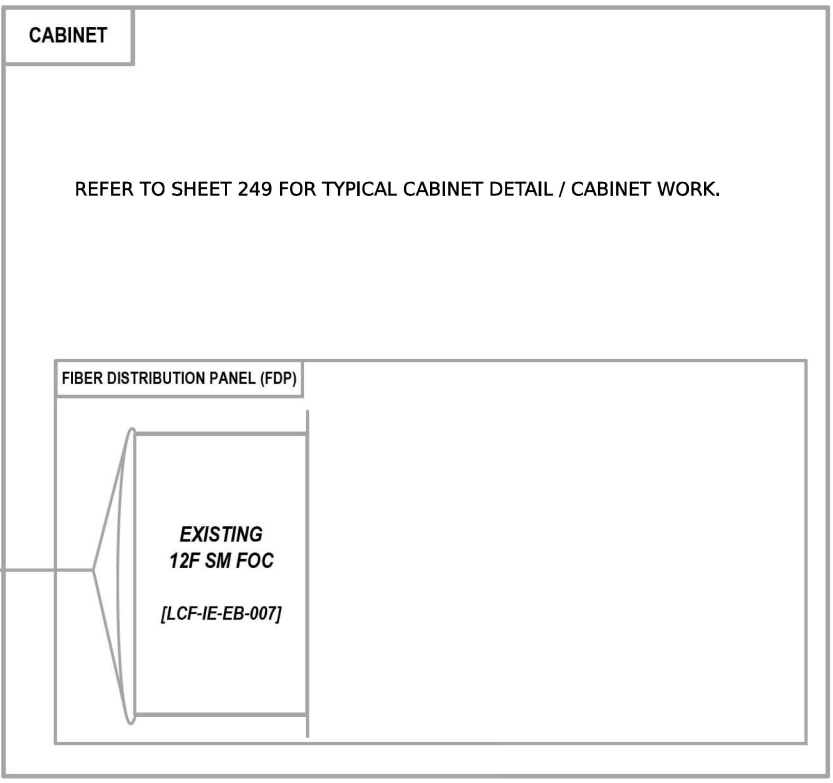
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	365
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]

LOCATION ID: CAB 58 (EXISTING)



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-EB-007]

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS\PIV-021\DM523256562019-SHT-ITS-SPLICE-28.DGN

ATLAS
 ATLAS TECHNICAL CONSULTANTS, LLC
 100 S. WACKER DRIVE, SUITE 400
 CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

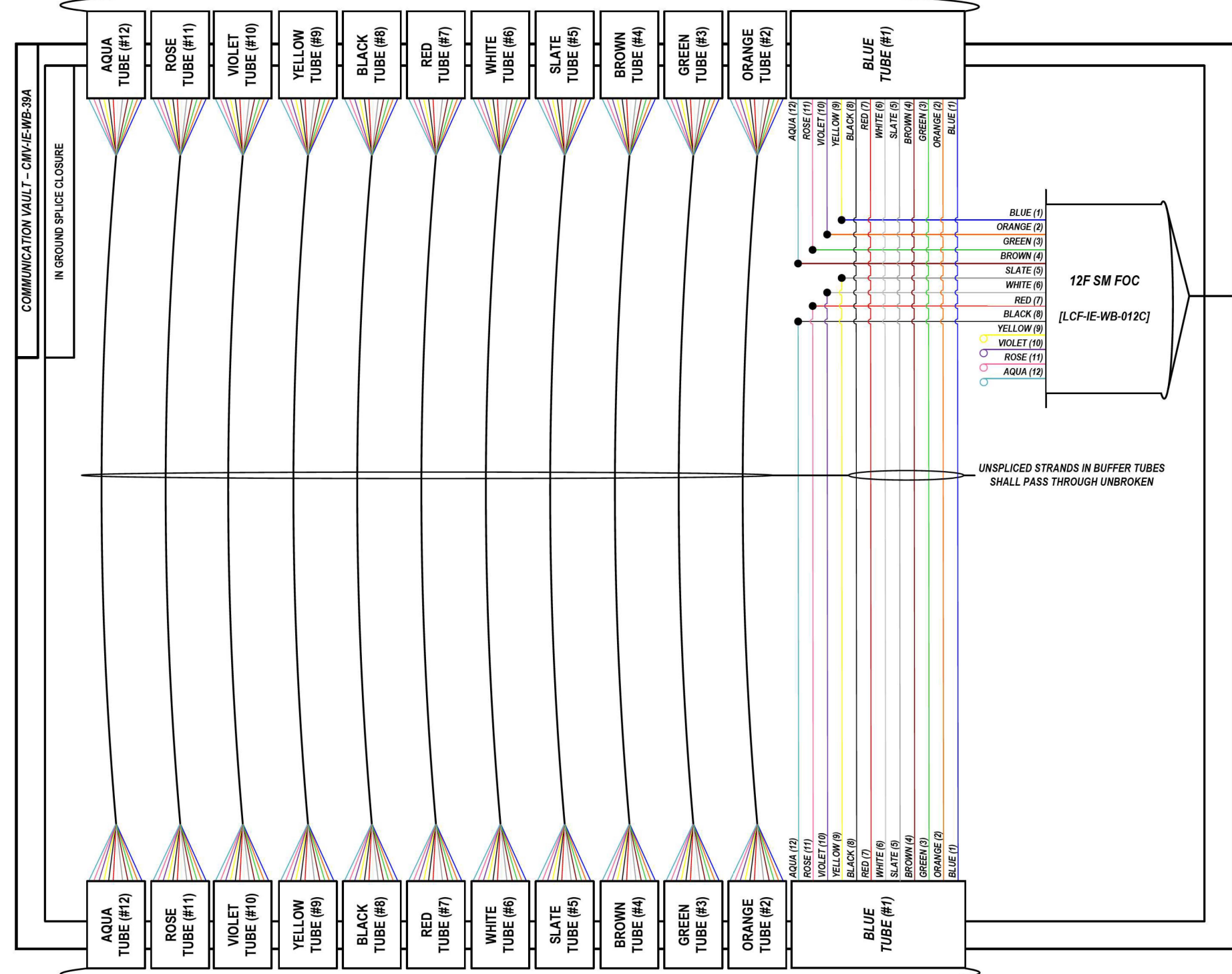
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 SPLICE DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

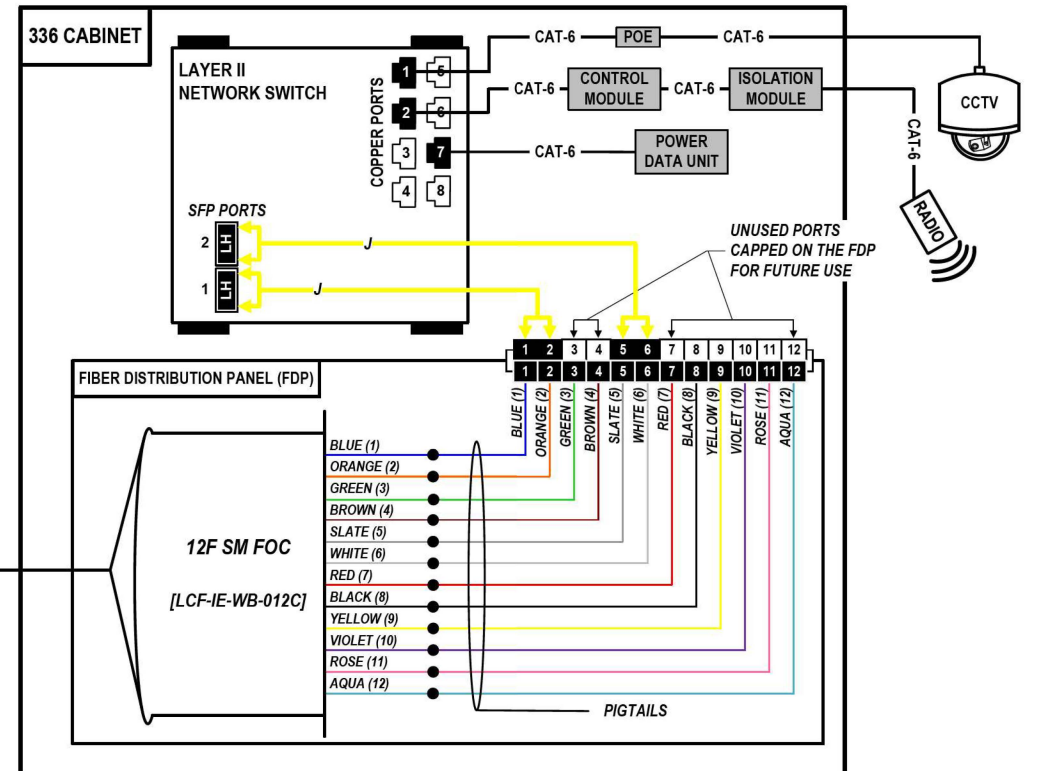
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	366
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-012]

LOCATION ID: IE38B



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-012]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\62R19-SHT-ITS-SPLICE-29.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

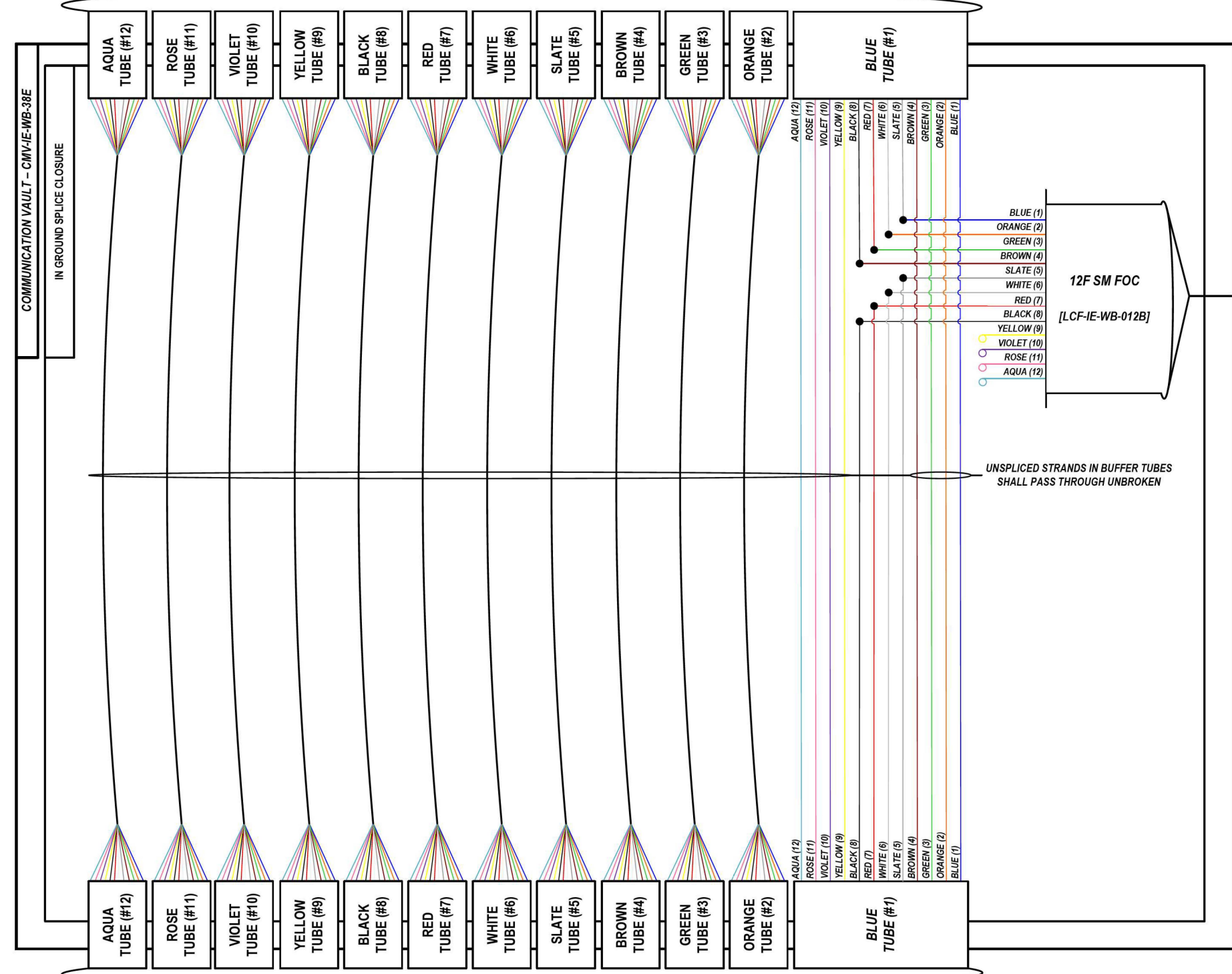
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80	
SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

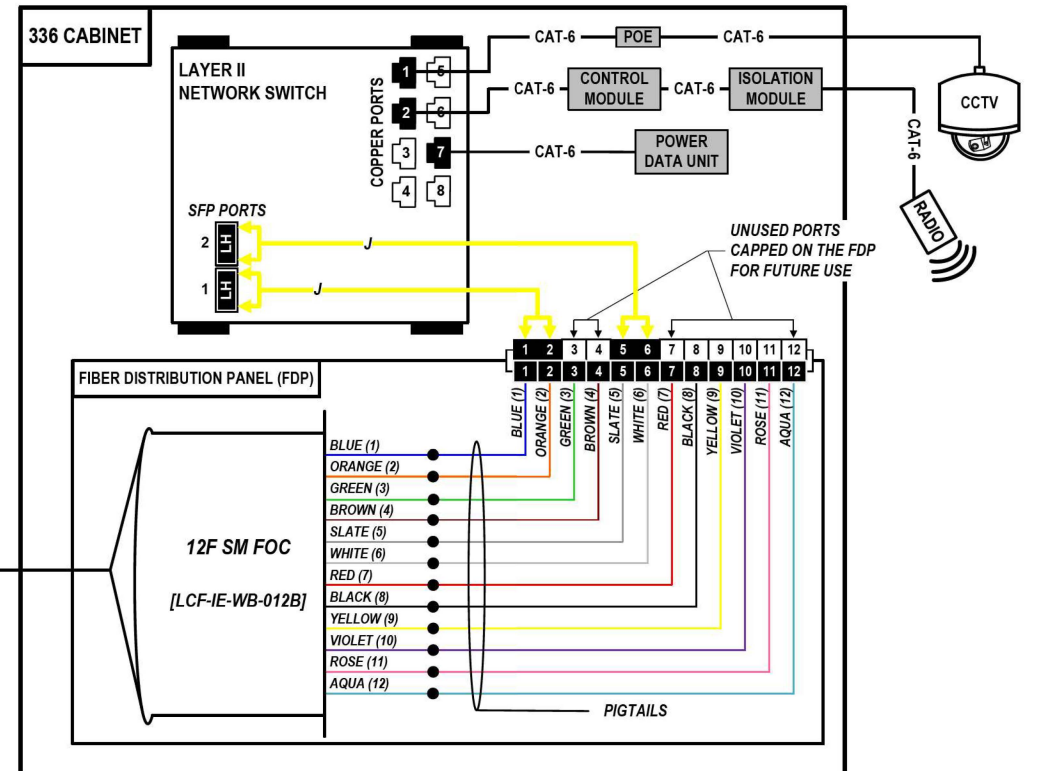
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	367
CONTRACT NO. 62R19			ILLINOIS FED. AID PROJECT	

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-012]

LOCATION ID: IE38A



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-012]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\62R19-SHT-ITS-SPLICE-30.DGN

ATLAS
 ATLAS TECHNICAL CONSULTANTS, LLC
 100 S. WACKER DRIVE, SUITE 400
 CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

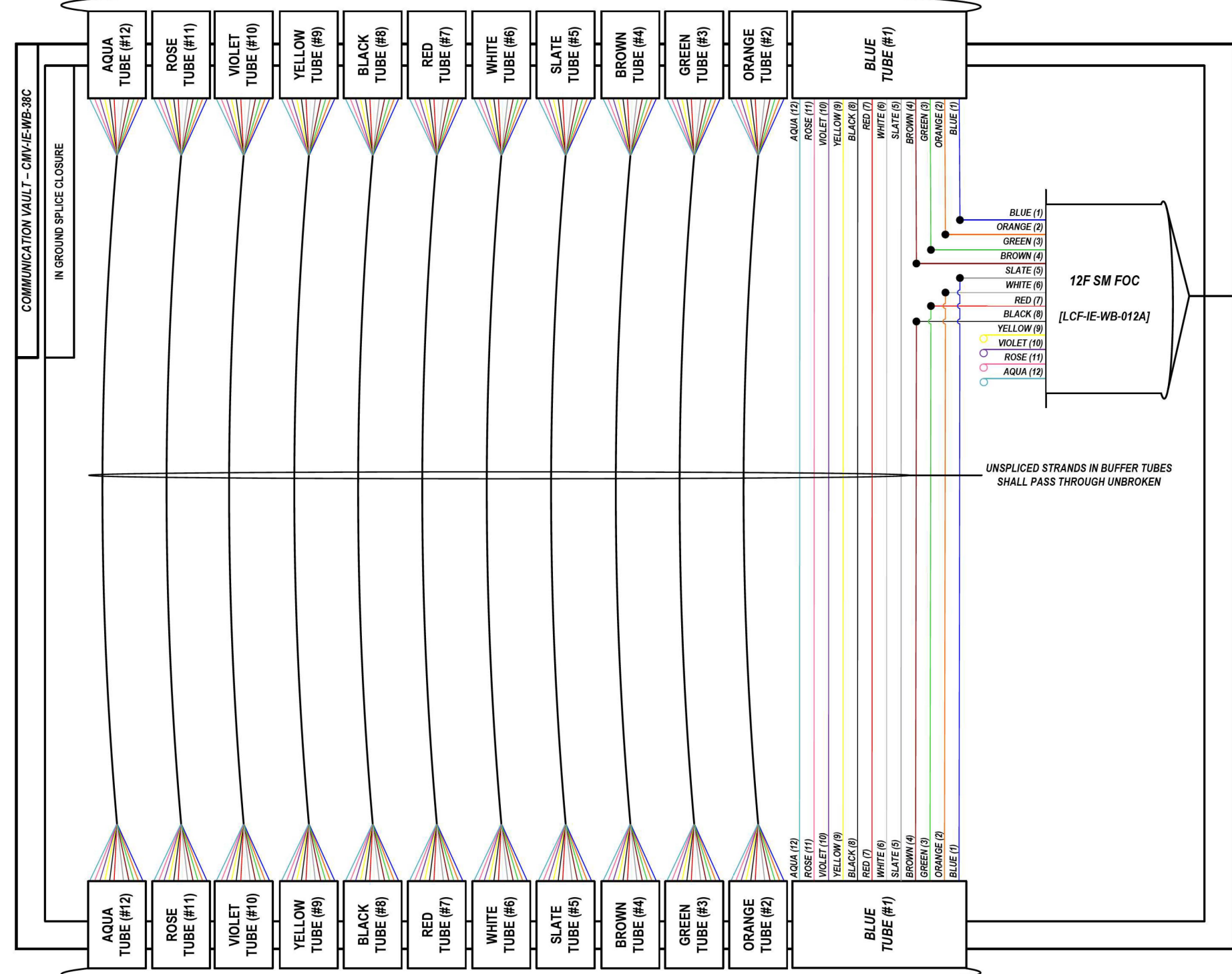
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SPLICE DETAILS		80	FAI 80 21 VLS	VARIOUS	467	368
SCALE: N.T.S.	SHEET OF SHEETS	STA.	TO STA.			

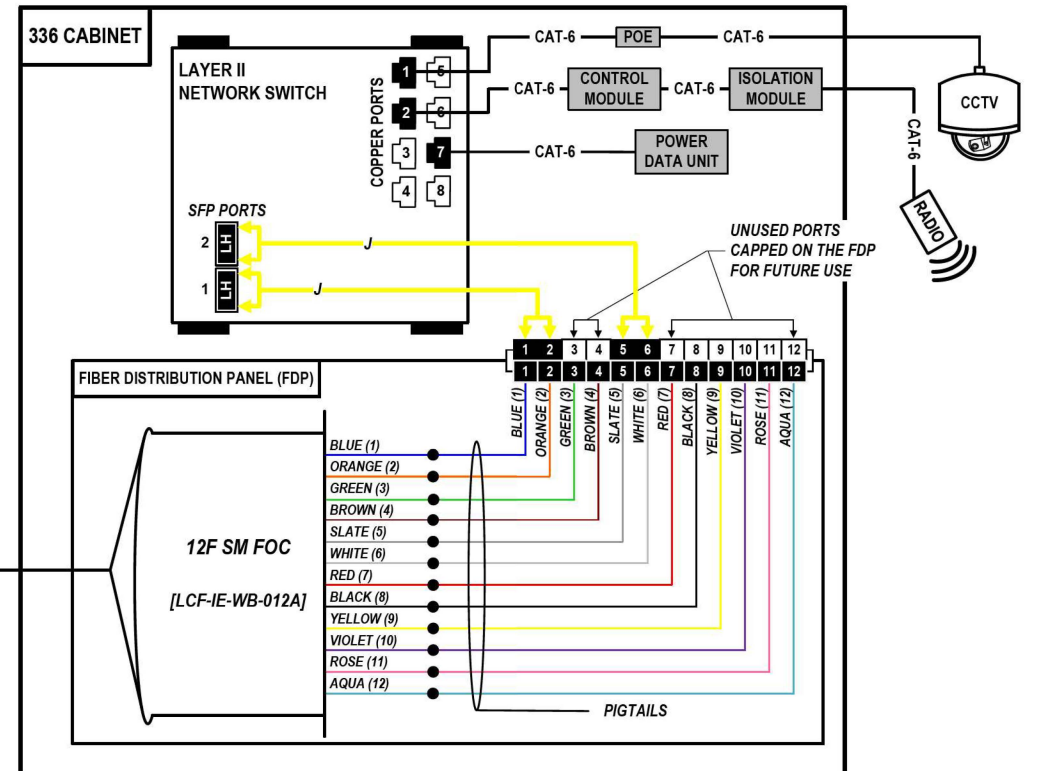
CONTRACT NO. 62R19		ILLINOIS FED. AID PROJECT	
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FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-012]

LOCATION ID: IE38



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-012]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\62R19-SHT-ITS-SPLICE-31.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

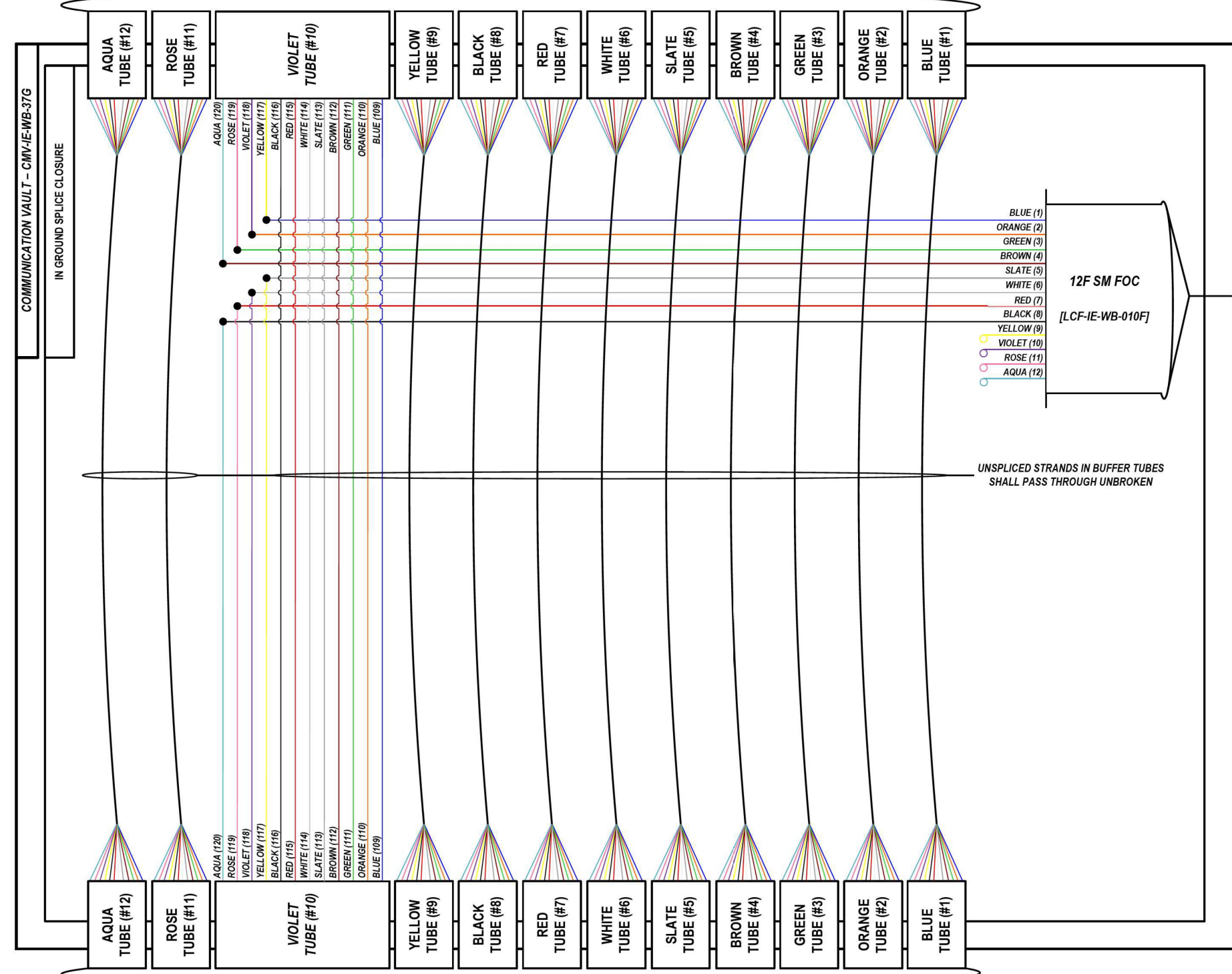
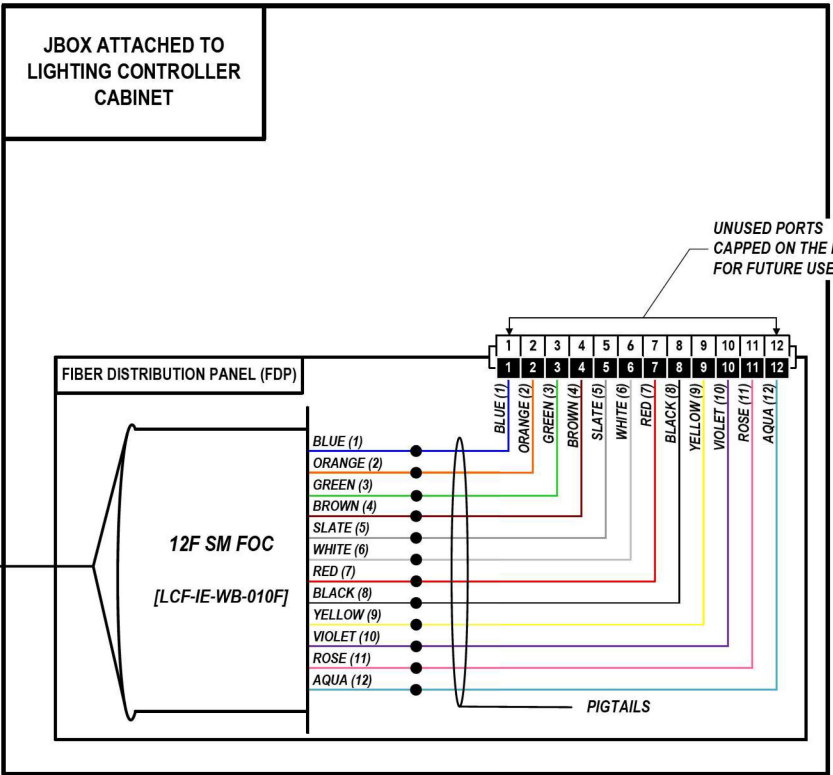
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	369
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-010]

LOCATION ID: LC 'C' L0346 (I-55)



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-010]

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

	FIBER OPTIC JUMPER, SINGLE MODE
	FIBER OPTIC FUSION SPLICE
	FIBER COIL
	FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\62R19-SHT-ITS-SPLICE-32.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

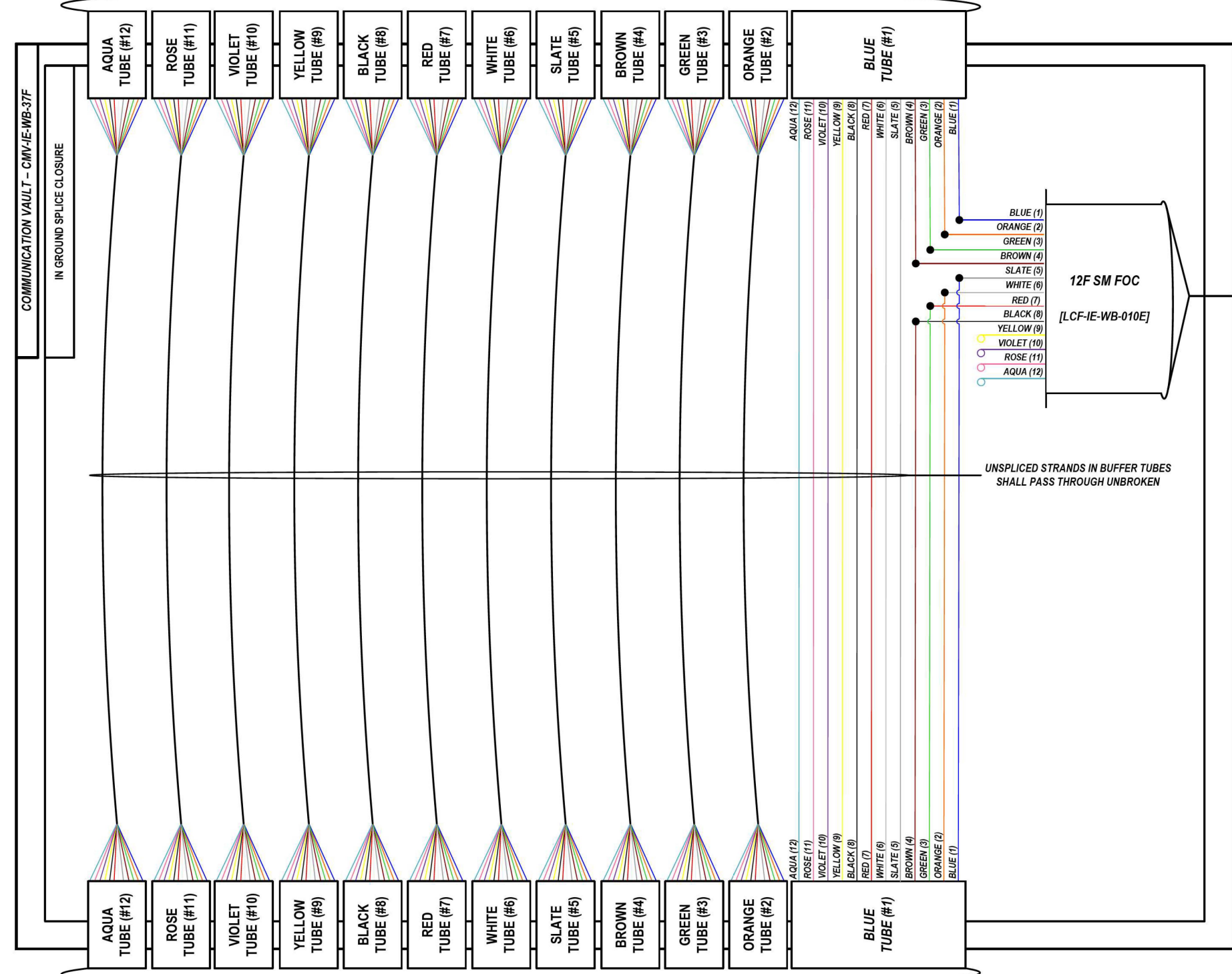
I-80
SPlice DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	370
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-010]

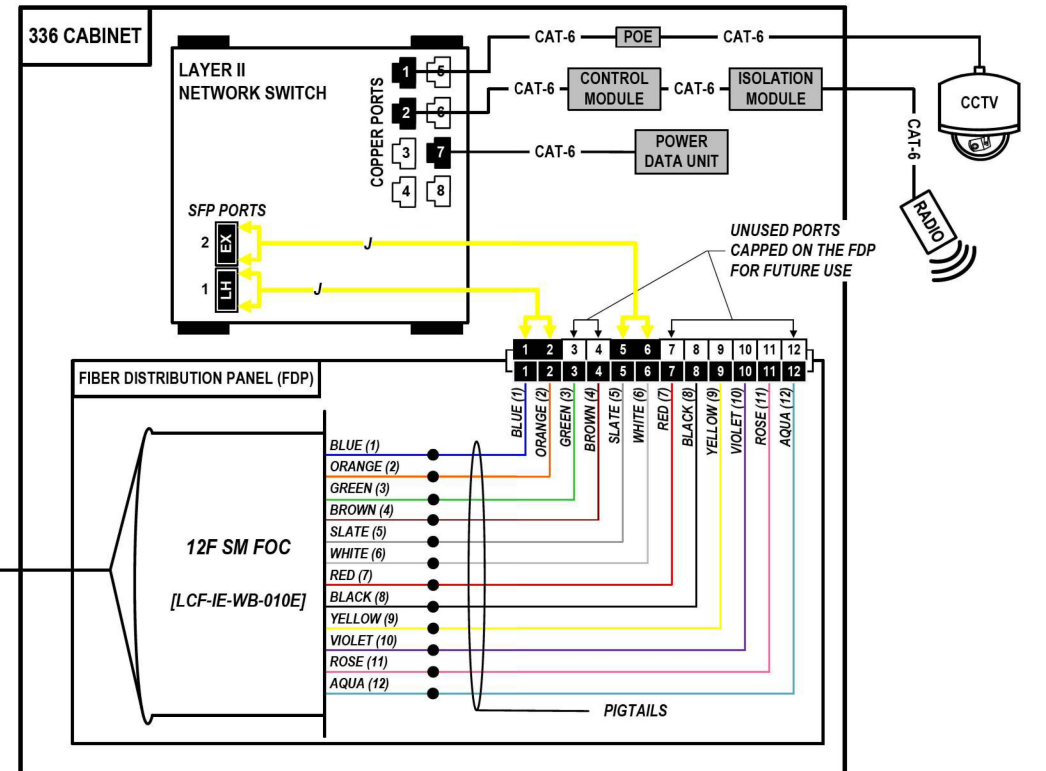
LOCATION ID: IE37



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-010]

COMMUNICATION VAULT - CMV-IE-WB-37F
IN GROUND SPLICE CLOSURE

UNSPliced STRANDS IN BUFFER TUBES SHALL PASS THROUGH UNBROKEN



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-011\DCS252556\62R19-SHT-ITS-SPLICE-33.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
DRAWN - AJW	REVISIION -	
PLOT SCALE = 0.16666667 / IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

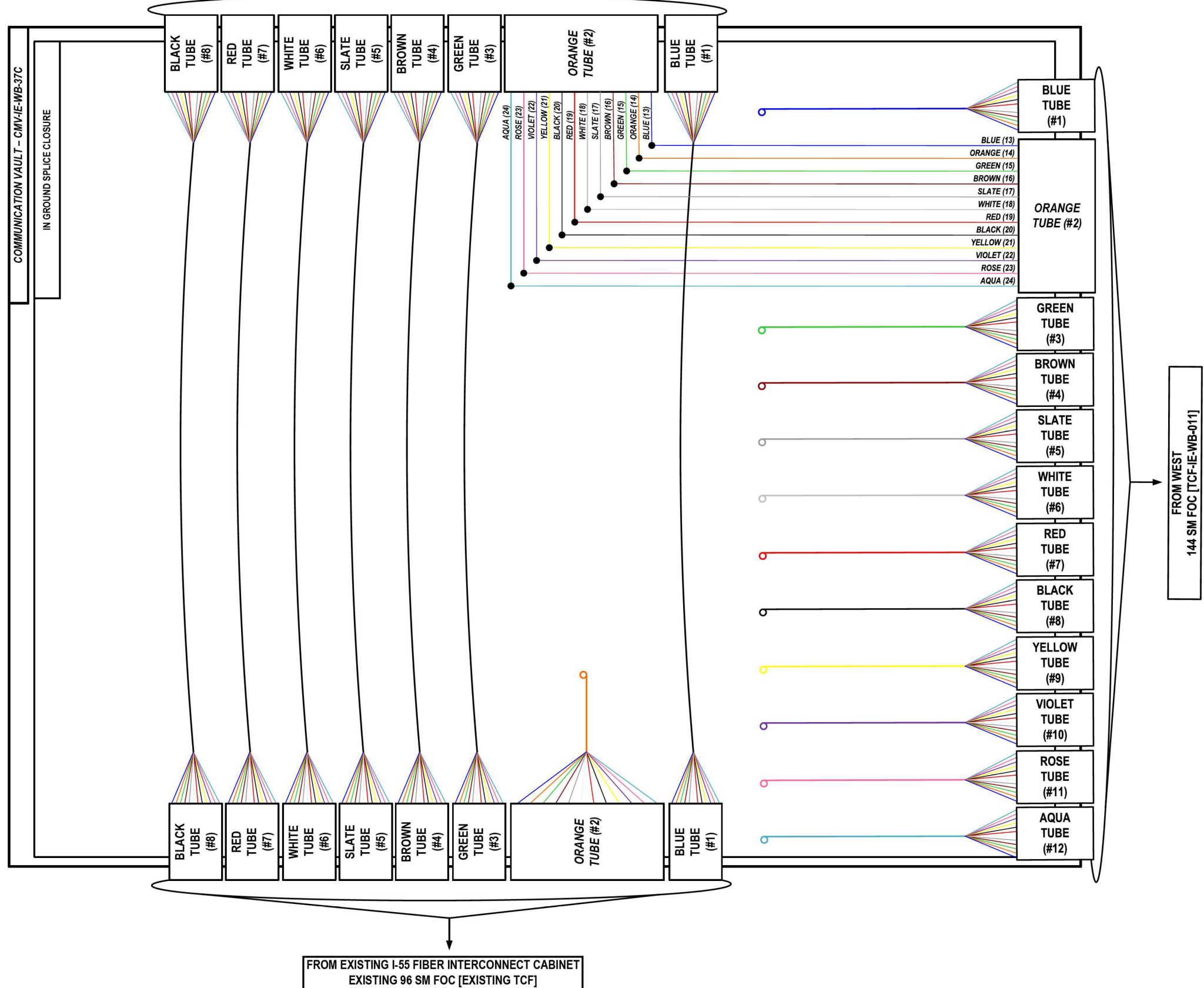
I-80
SPlice DETAILS

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

F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 371
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM BOLLINGBROOK WEIGH STATION
EXISTING 96 SM FOC [EXISTING TCF]





DETAIL ID: PROPOSED BOLINGBROOK TCF CONNECTION



FROM EXISTING I-55 FIBER INTERCONNECT CABINET
EXISTING 96 SM FOC [EXISTING TCF]

COLOR PLOT

LEGEND

-  FIBER OPTIC JUMPER, SINGLE MODE
-  FIBER OPTIC FUSION SPLICE
-  FIBER COIL
-  FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSSYSTEMS\PW\LOCAL\TRANSSYSTEMS\62R19-SHT-ITS-SPLICE-34.DGN

ATLAS
 ATLAS TECHNICAL CONSULTANTS, LLC
 100 S. WACKER DRIVE, SUITE 400
 CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 1/IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

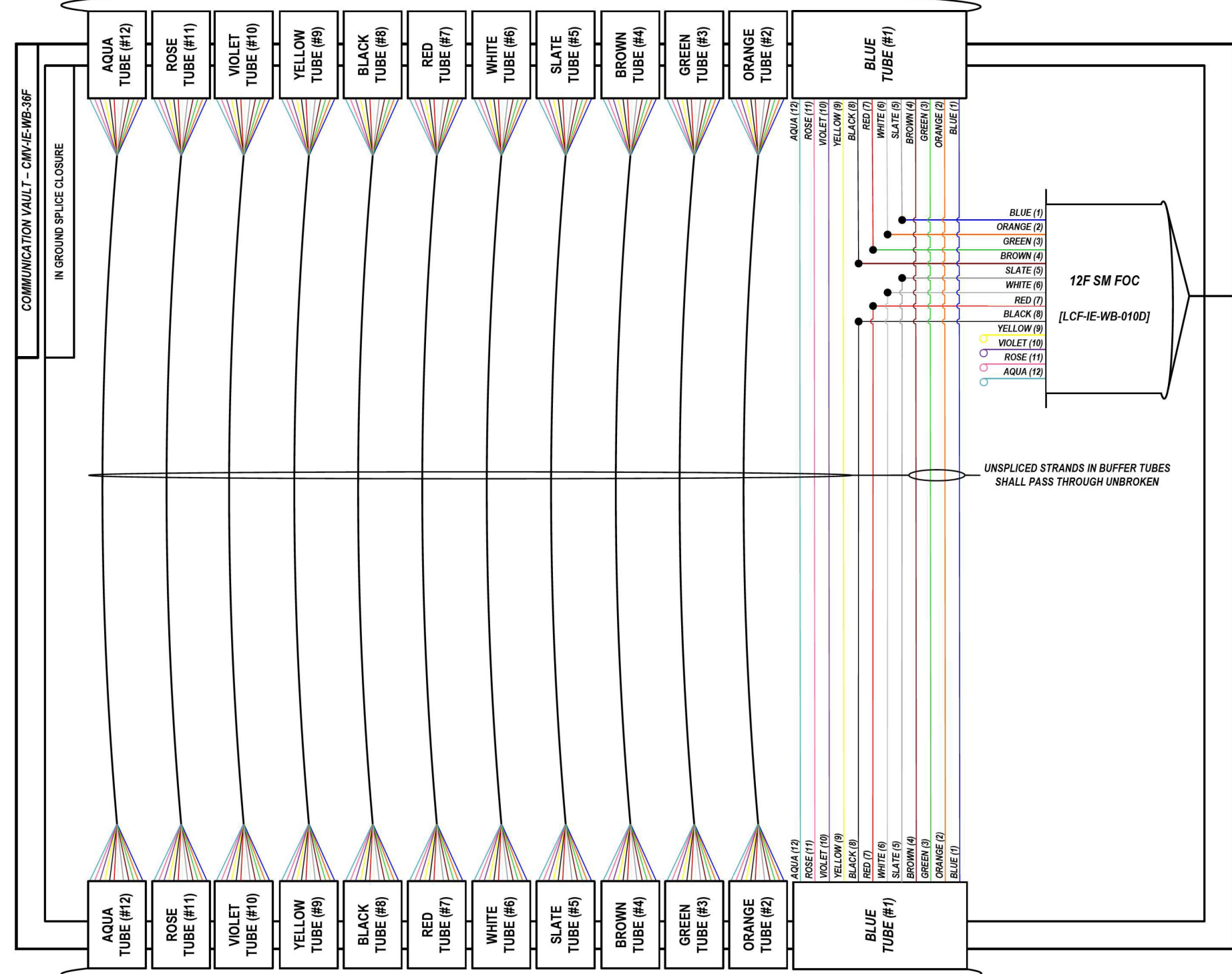
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 SPLICE DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

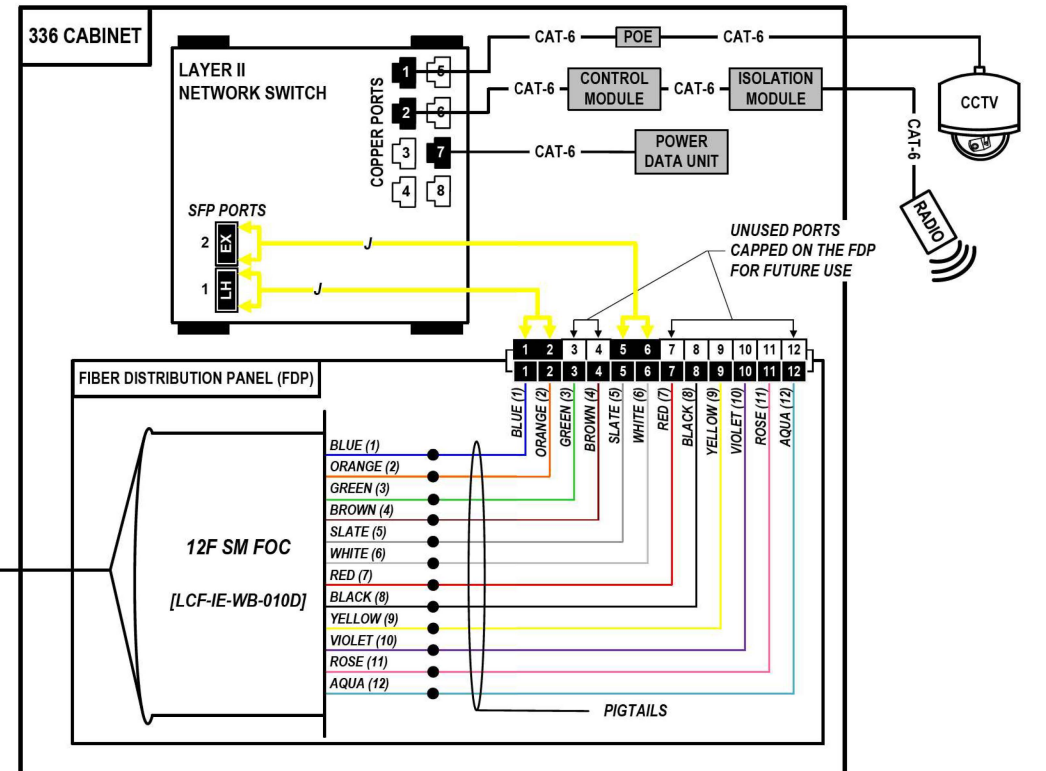
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	372
CONTRACT NO. 62R19				
ILLINOIS		FED. AID PROJECT		

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-010]

LOCATION ID: IE36B



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-010]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV_021\DM525656\62R19-SHT-ITS-SPLICE-35.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
DRAWN - AJW	REVISOR -	
PLOT SCALE = 0.16666667 / IN.	CHECKED - DJM	REVISOR -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISOR -

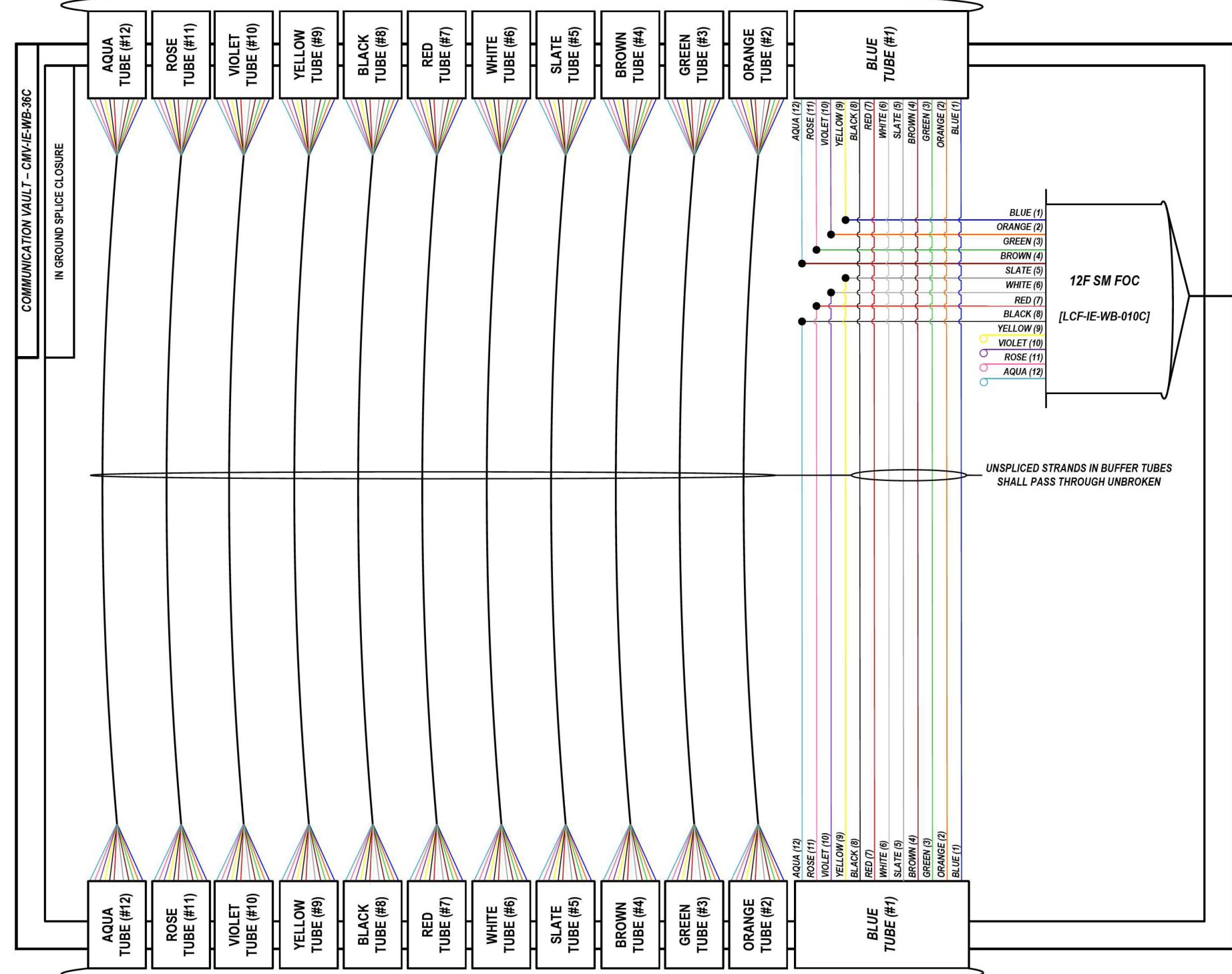
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

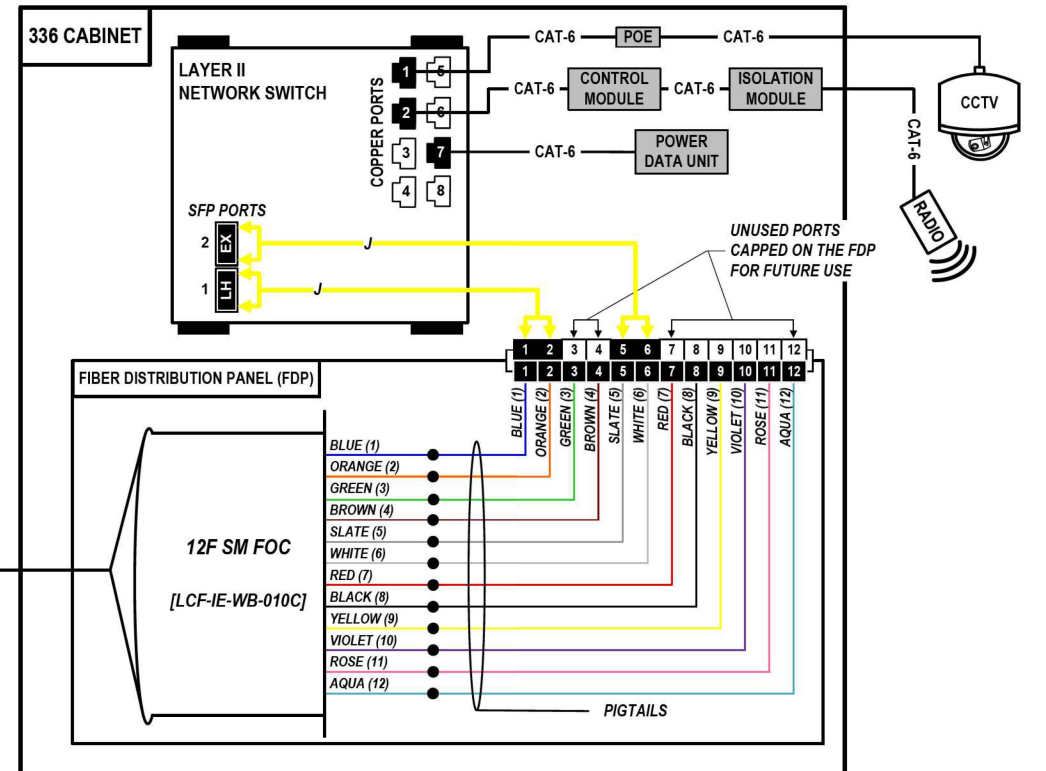
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	373
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-010]

LOCATION ID: IE36A



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-010]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\62R19-SHT-ITS-SPLICE-36.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

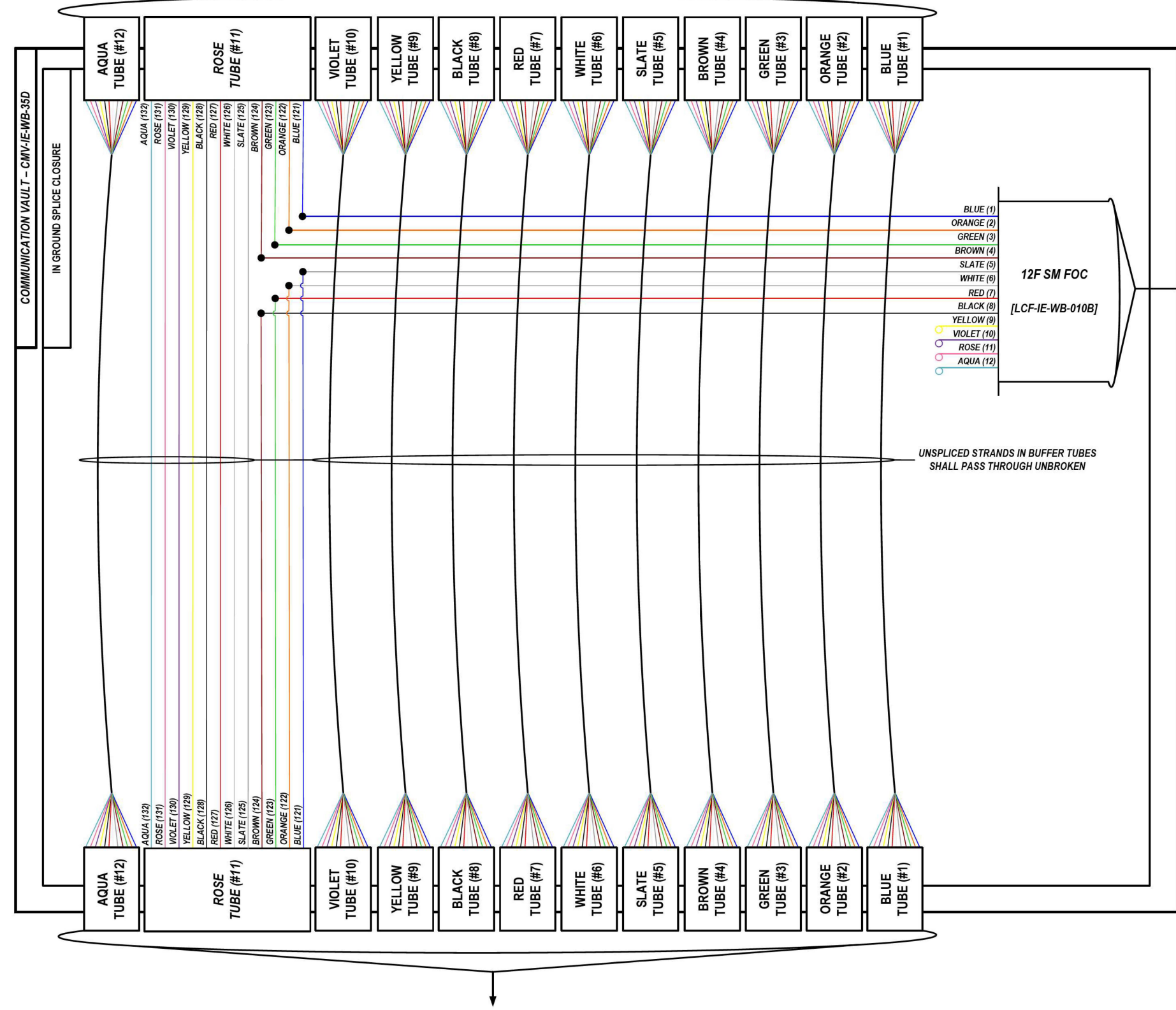
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

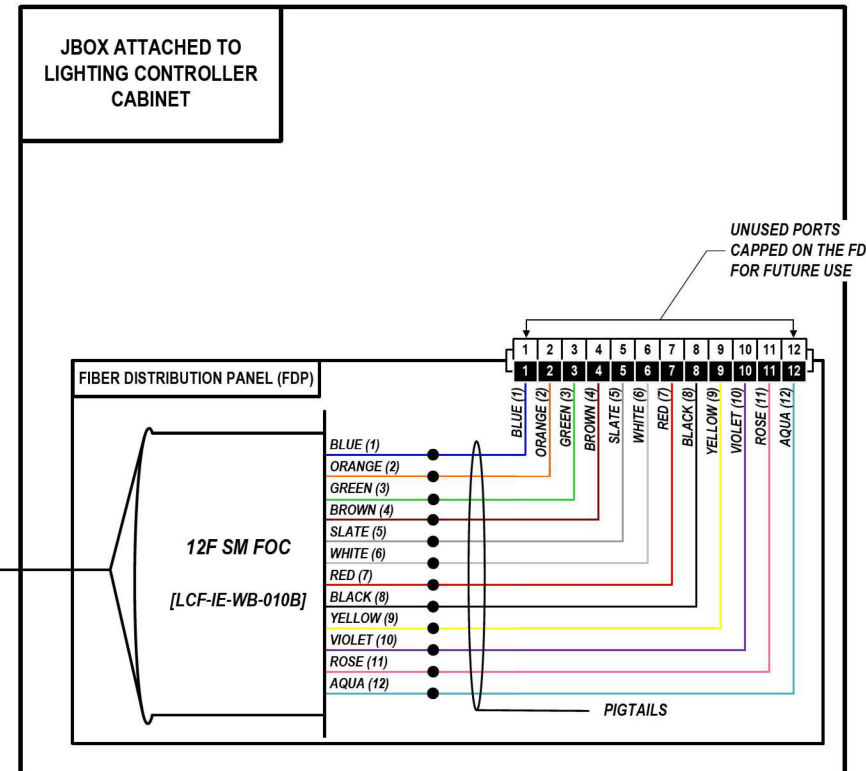
F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 374
			CONTRACT NO. 62R19	
ILLINOIS FED. AID PROJECT				

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-010]

LOCATION ID: LC 'Z' L0775 (HOUBOLT RD.)



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-010]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\62R19-SHT-ITS-SPLICE-37.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

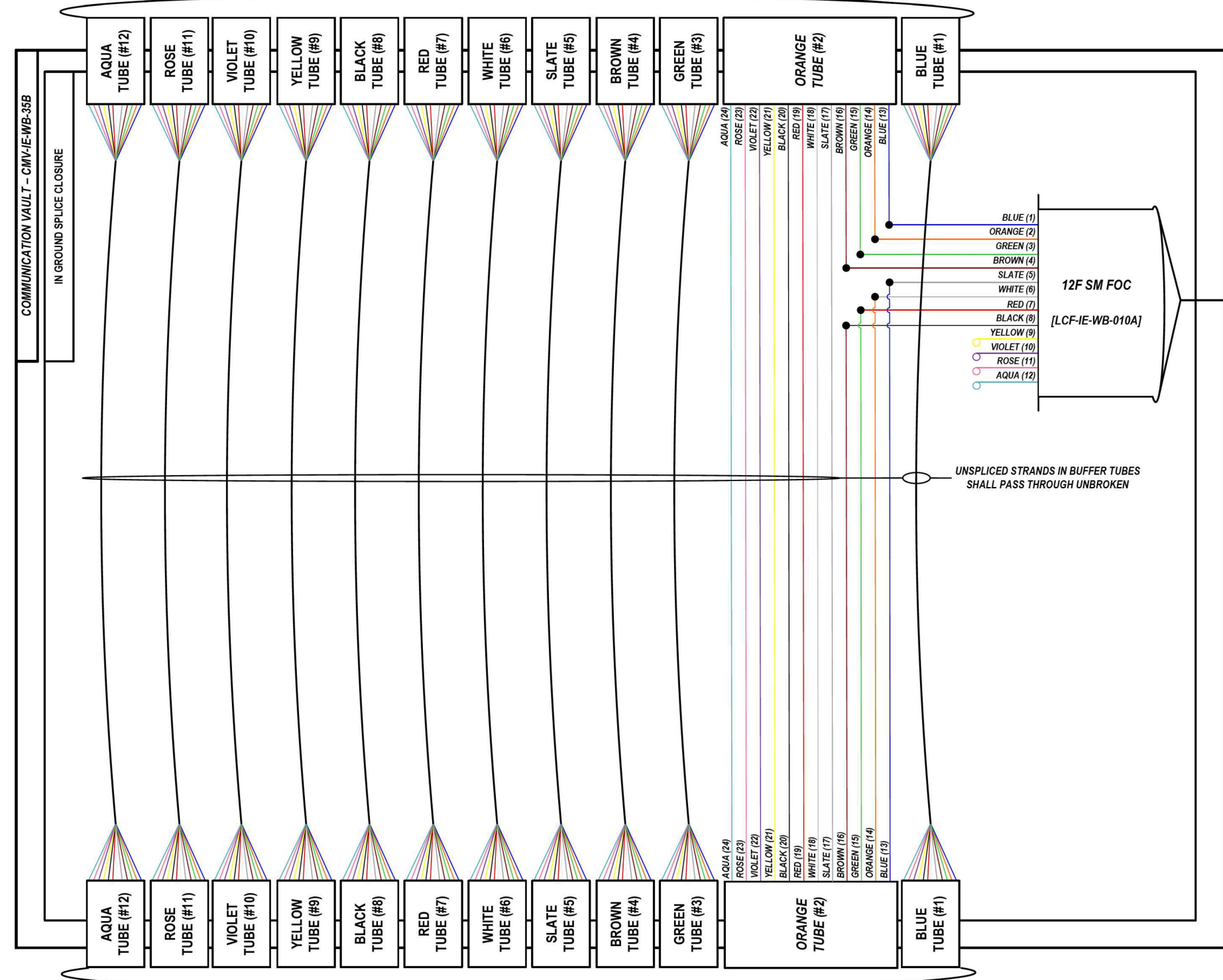
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

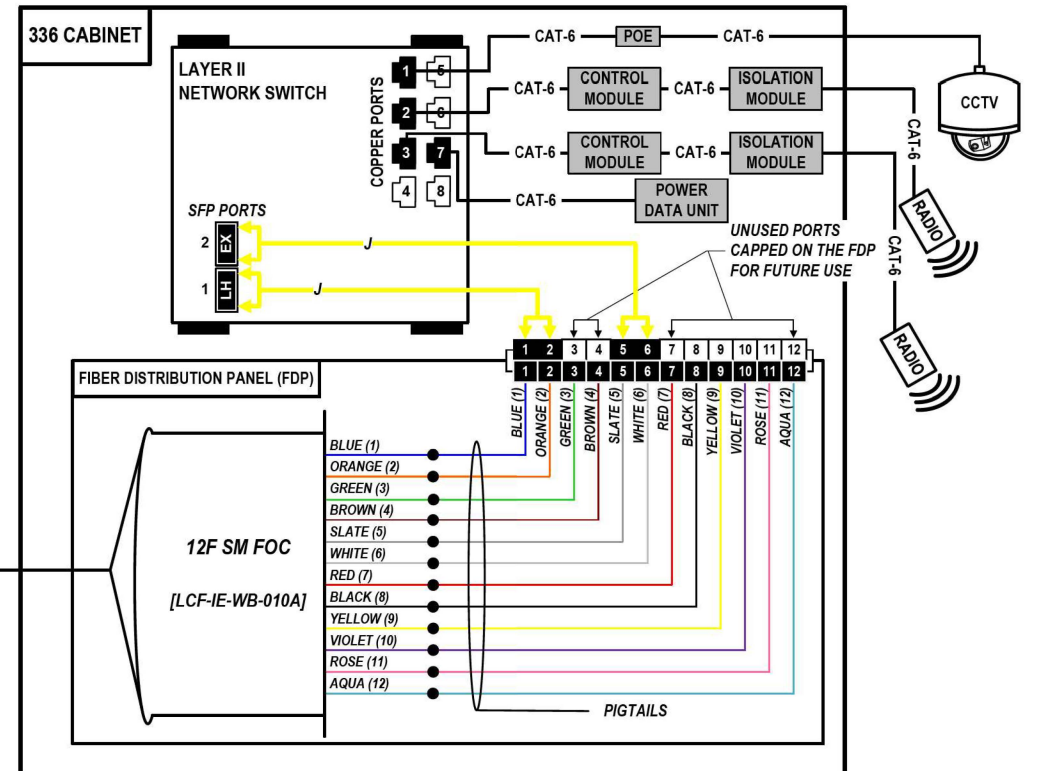
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	375
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-010]

LOCATION ID: IE35



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-010]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\62R19-SHT-ITS-SPLICE-38.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

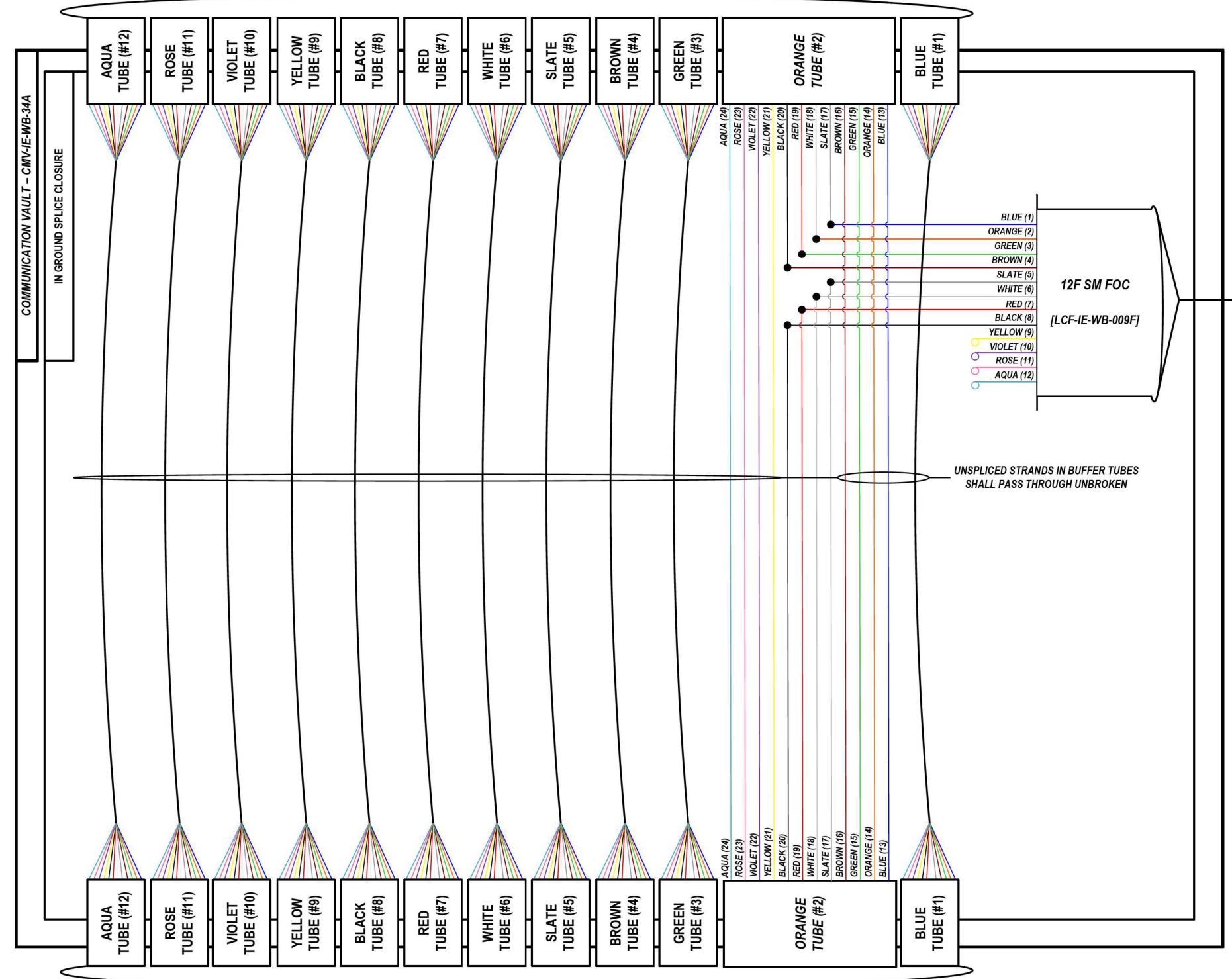
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

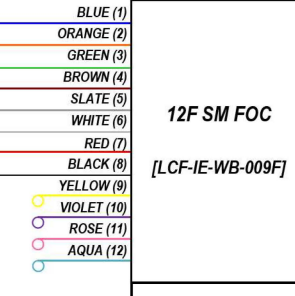
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	376
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-009]

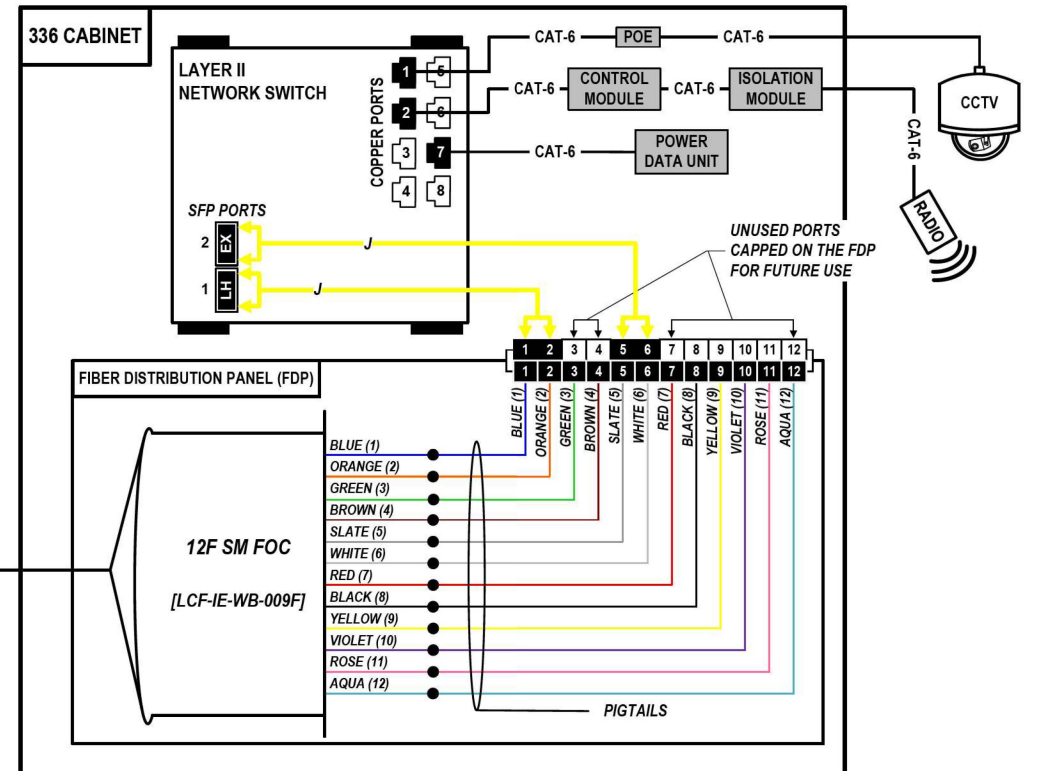
LOCATION ID: IE34



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-009]



UNSPliced STRANDS IN BUFFER TUBES SHALL PASS THROUGH UNBROKEN



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\62R19-SHT-ITS-SPLICE-39.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

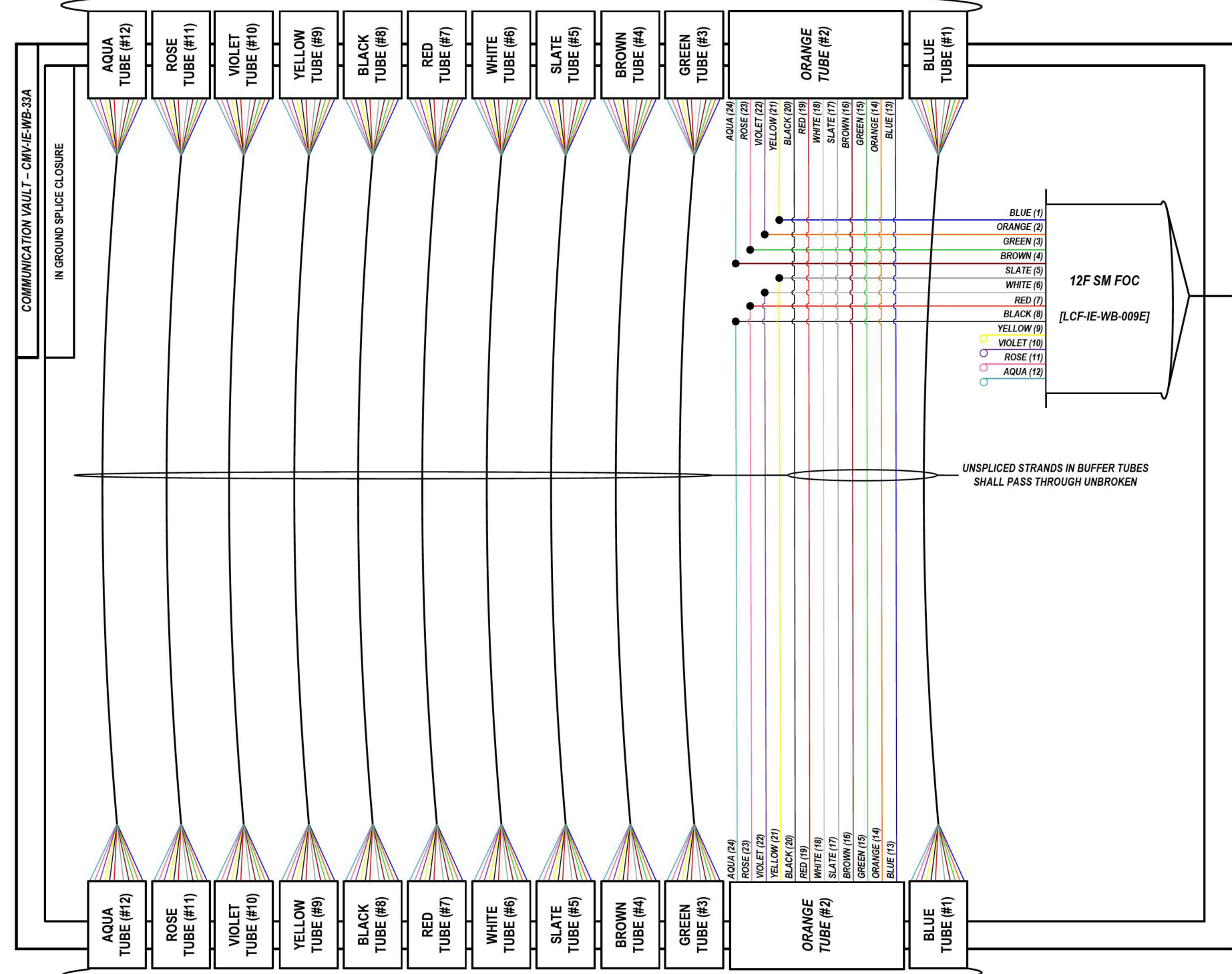
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

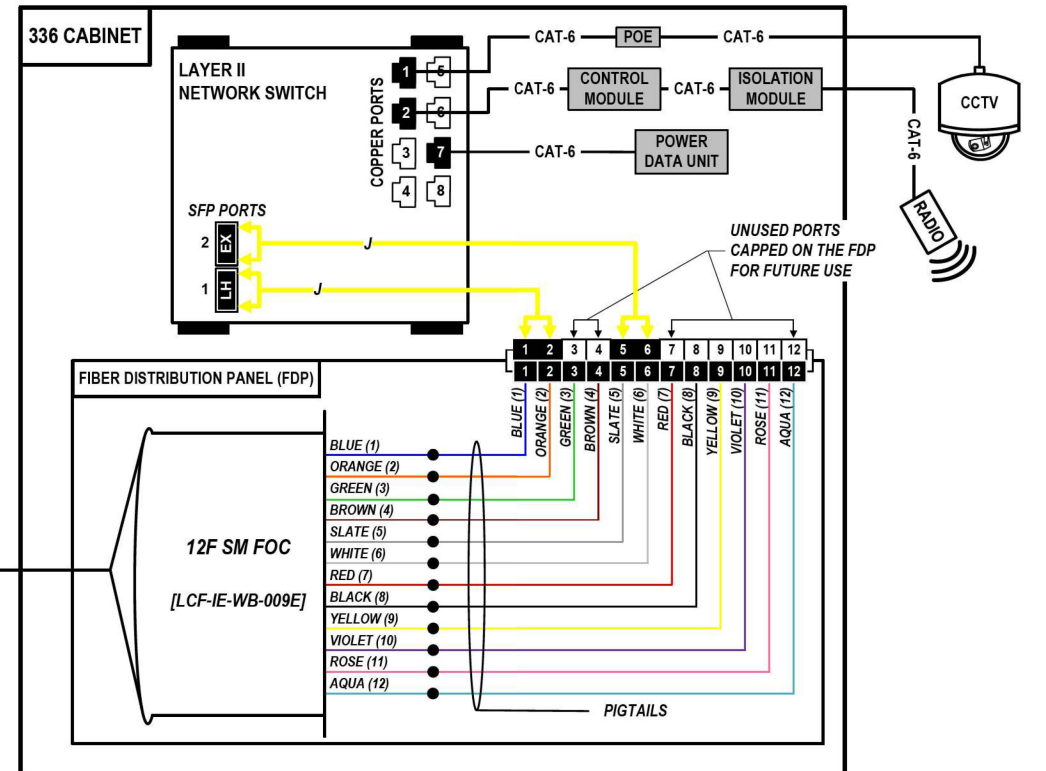
F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 377
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-009]

LOCATION ID: IE33



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-009]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\62R19-SHT-ITS-SPLICE-40.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
DRAWN - AJW	REVISIONS -	
PLOT SCALE = 0.16666667 / IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

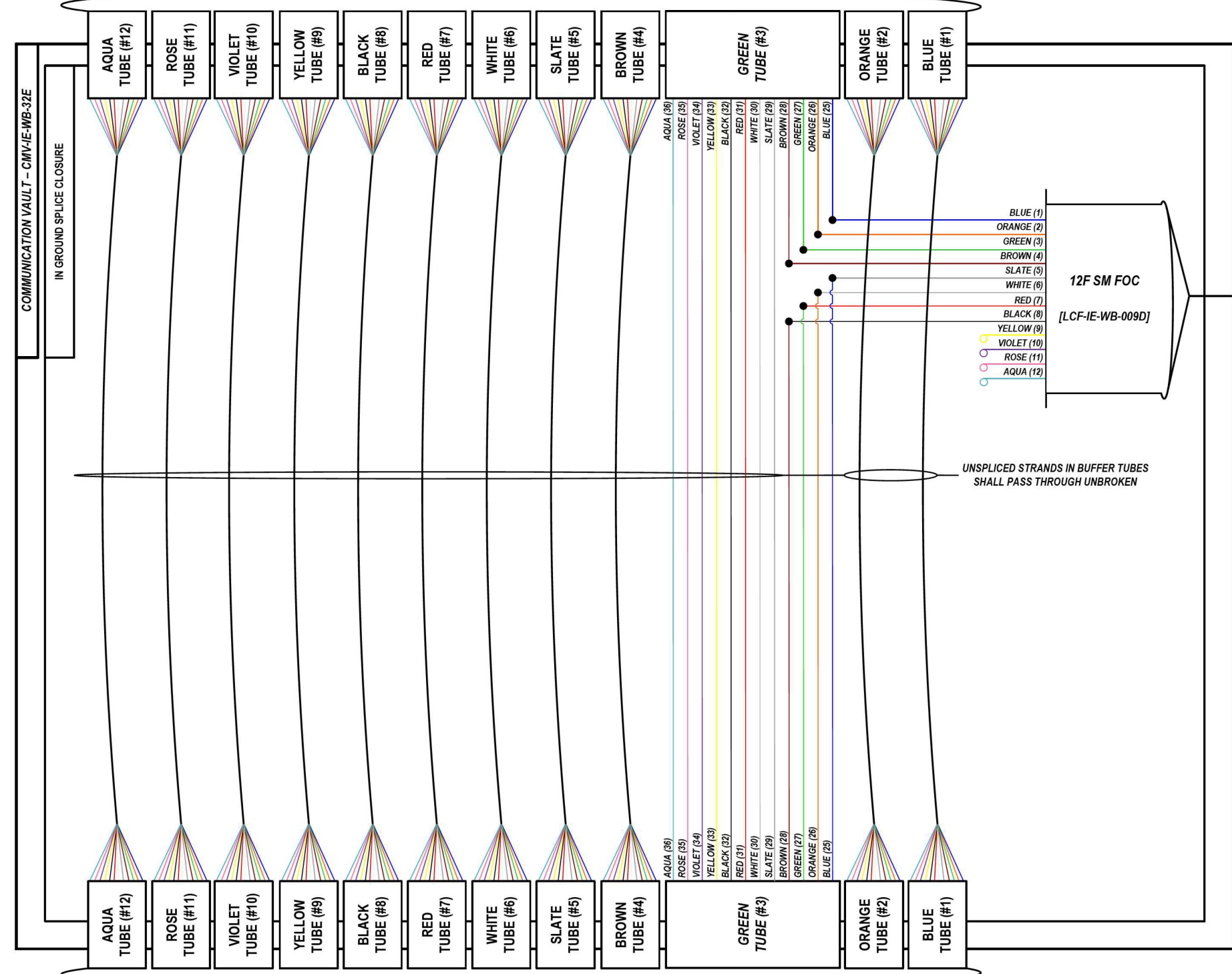
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS		F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 378
SCALE: N.T.S.	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 62R19			

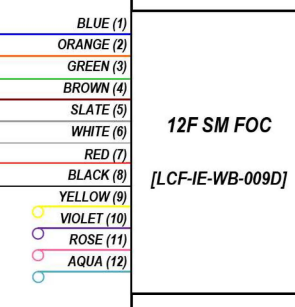
ILLINOIS	FED. AID PROJECT
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FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-009]

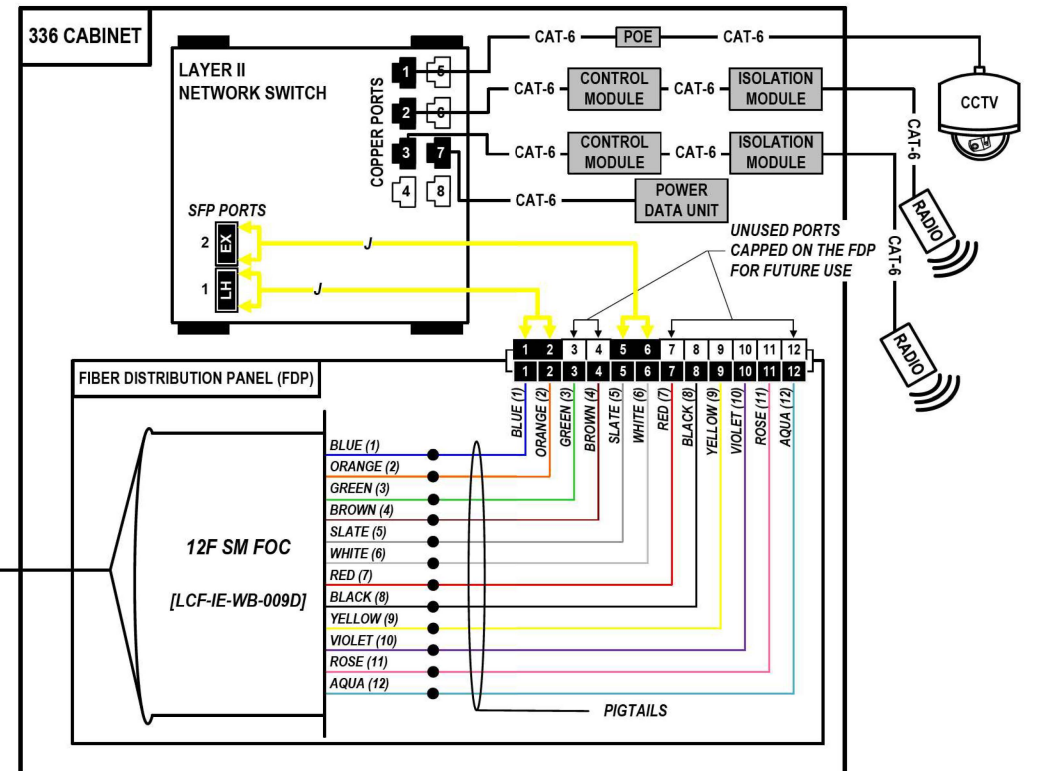
LOCATION ID: IE32B



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-009]



UNSPliced STRANDS IN BUFFER TUBES SHALL PASS THROUGH UNBROKEN



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\62R19-SHT-ITS-SPLICE-41.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
DRAWN - AJW	REVISIED -	
PLOT SCALE = 0.16666667 / IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

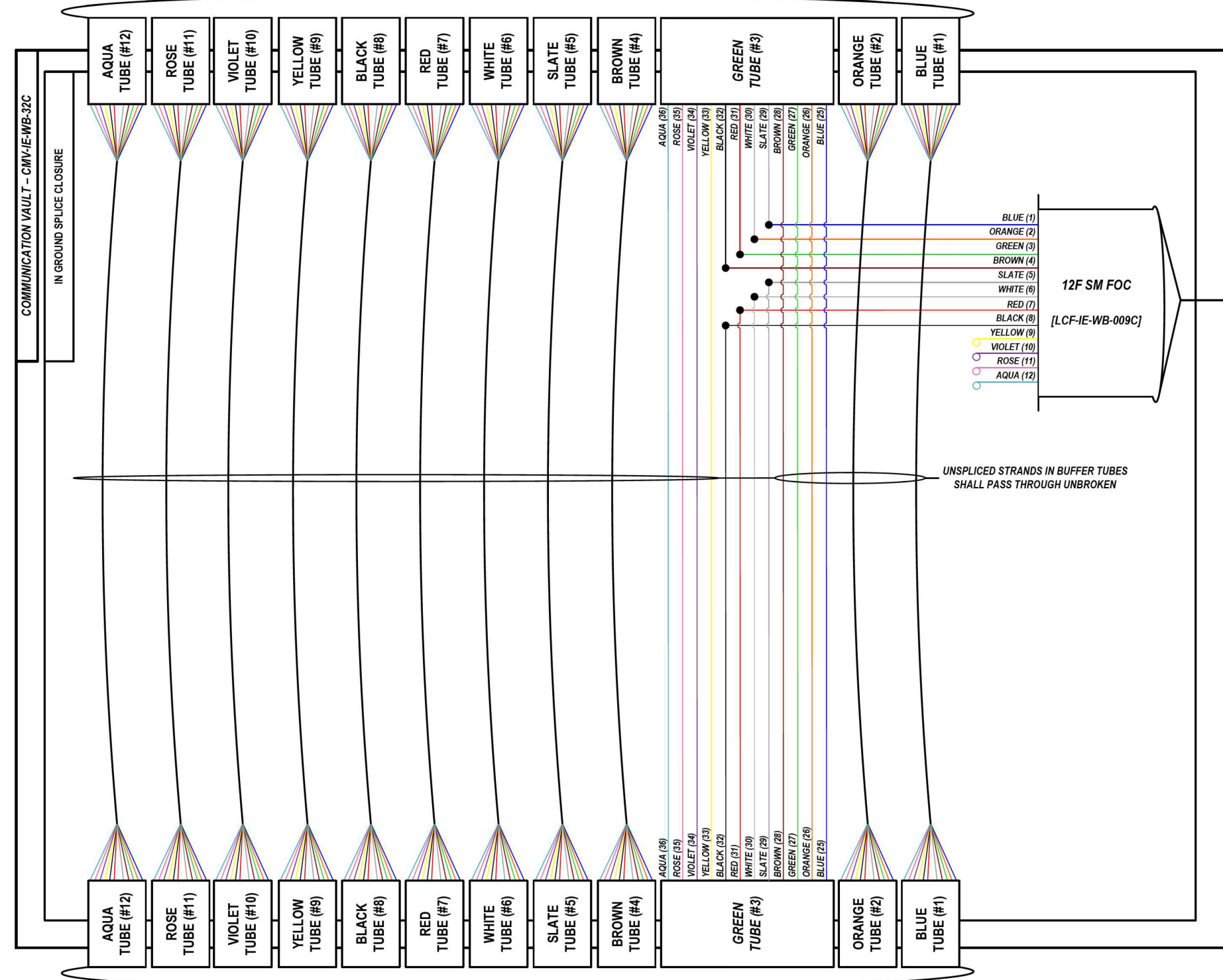
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

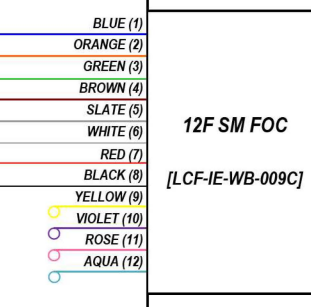
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	379
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-009]

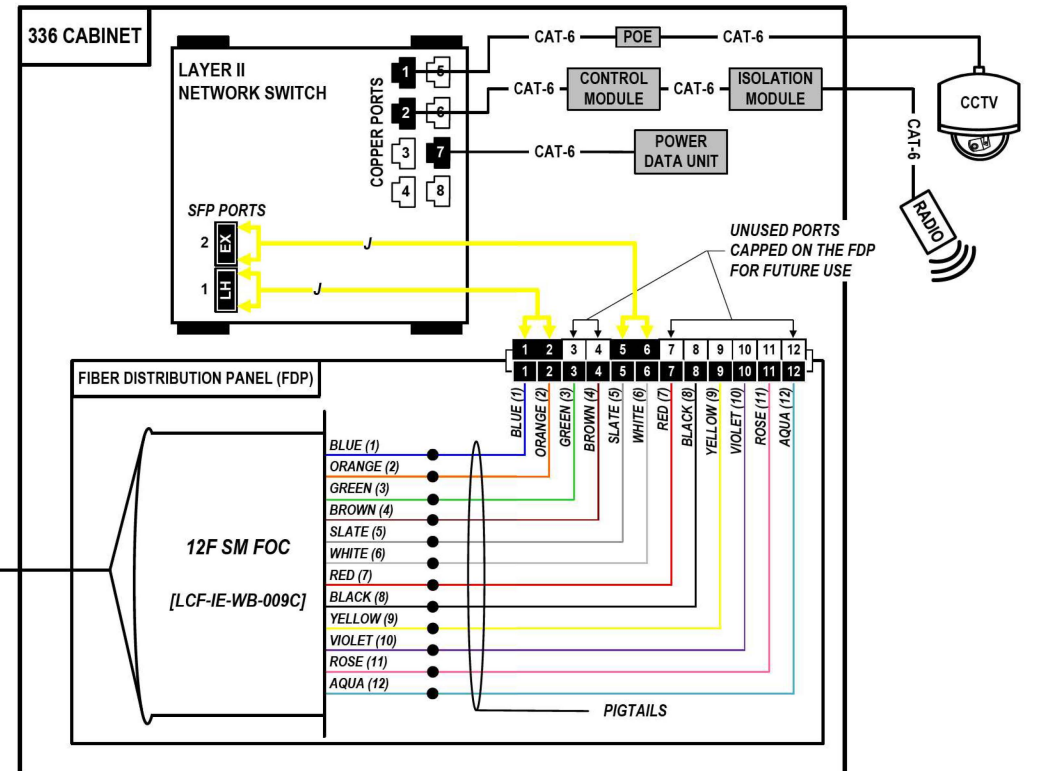
LOCATION ID: IE32A



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-009]



UNSPliced STRANDS IN BUFFER TUBES SHALL PASS THROUGH UNBROKEN



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\62R19-SHT-ITS-SPLICE-42.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
DRAWN - AJW	REVISIED -	
PLOT SCALE = 0.16666667 1/IN.	CHECKED - DJM	REVISED -
PLOT DATE = 11/12/2025	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

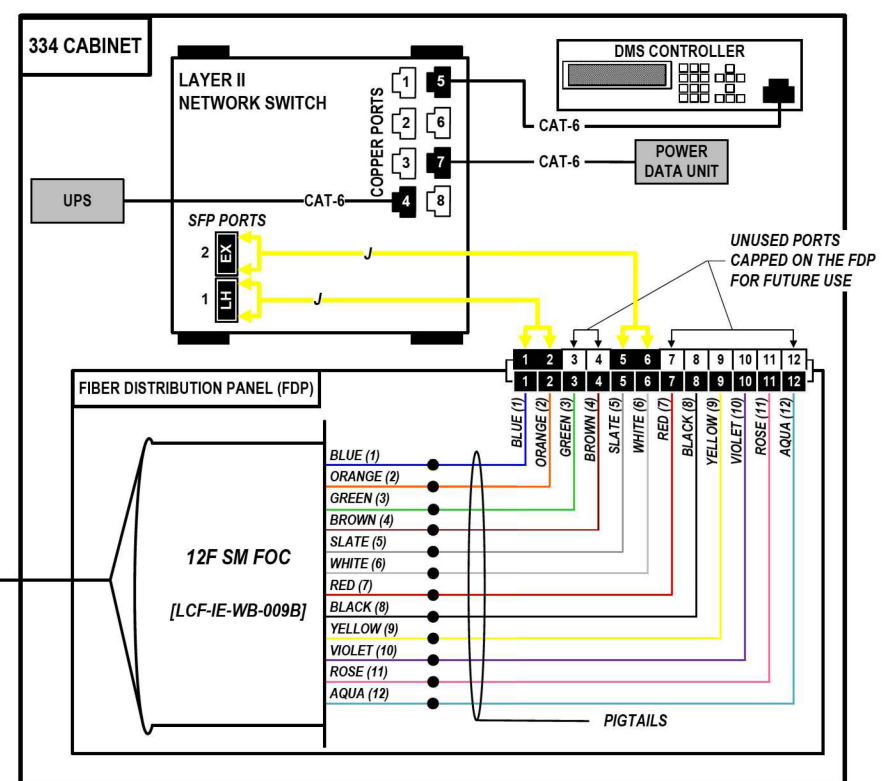
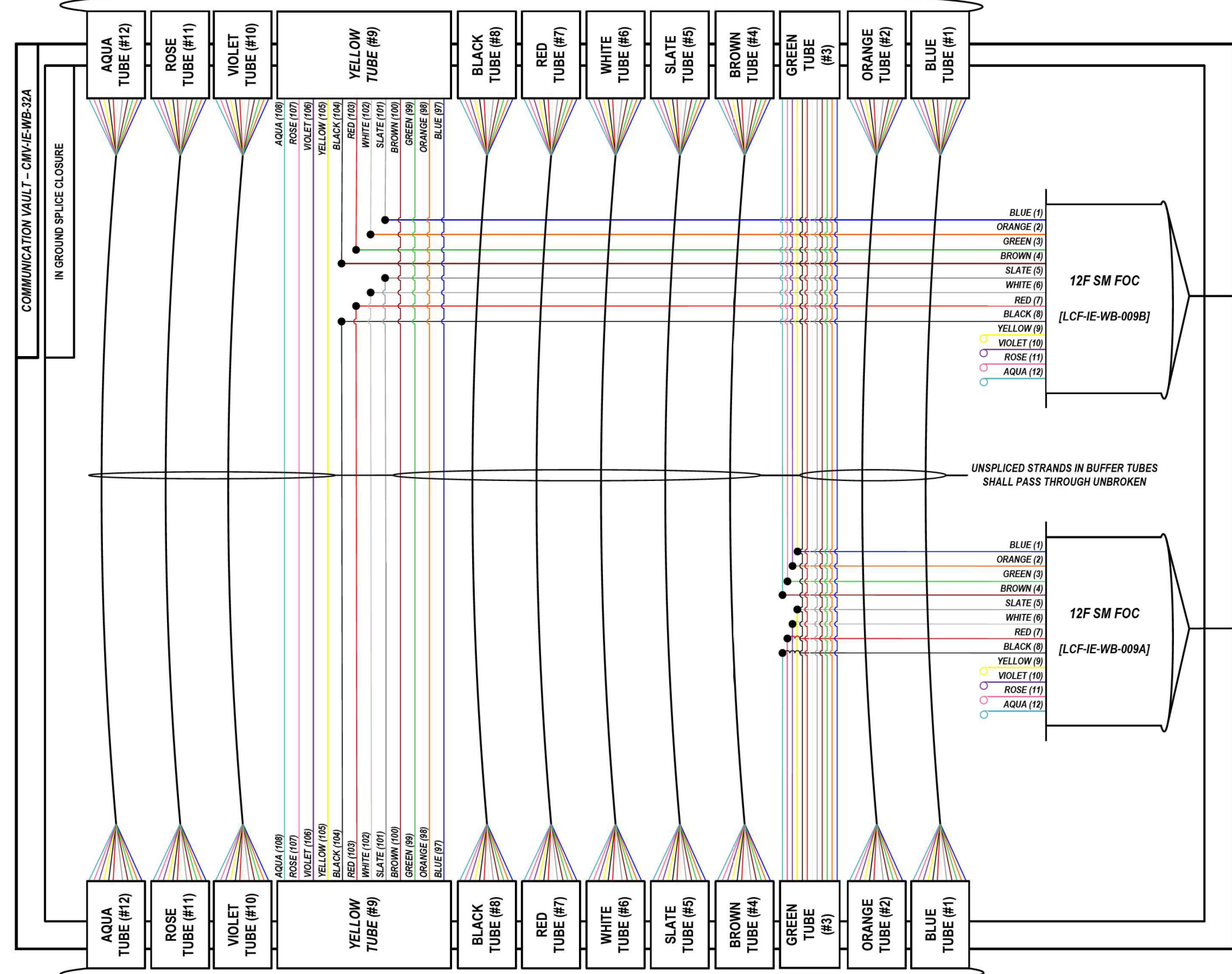
I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	380
CONTRACT NO. 62R19			ILLINOIS FED. AID PROJECT	

LOCATION ID: DMS-47

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-009]

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-009]



SEE IE32
SPlicing
DETAIL SHEET

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPlicing.

LEGEND	
	FIBER OPTIC JUMPER, SINGLE MODE
	FIBER OPTIC FUSION SPlice
	FIBER COIL
	FIBER OPTIC TERMINATION

MODEL: DP SHEET V
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\PHW-011\DMS47\IE-WB-009-19-SHT-ITS-SPL-CE-43.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

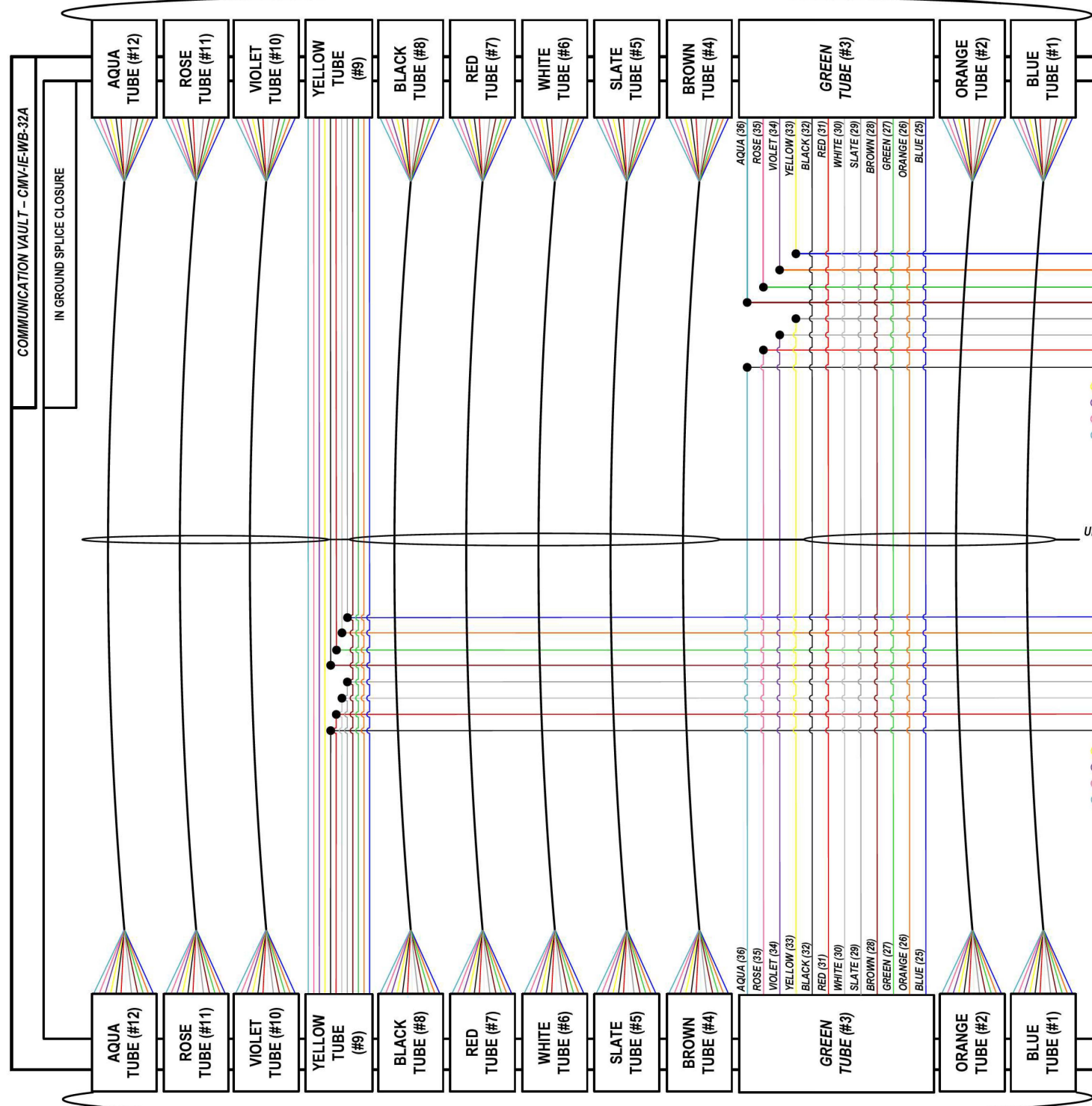
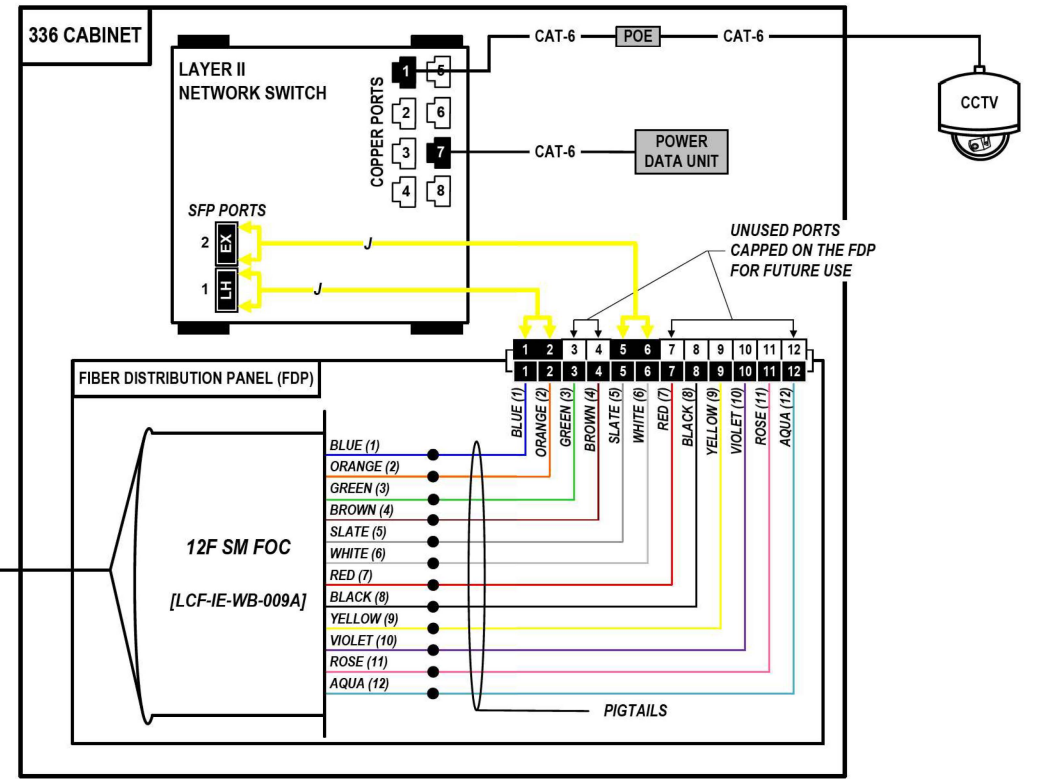
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlicing DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 381
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-009]

LOCATION ID: IE32



FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-009]

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP SHEET V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-021\DM525656\2019-SHT-ITS-SPLICE-44.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

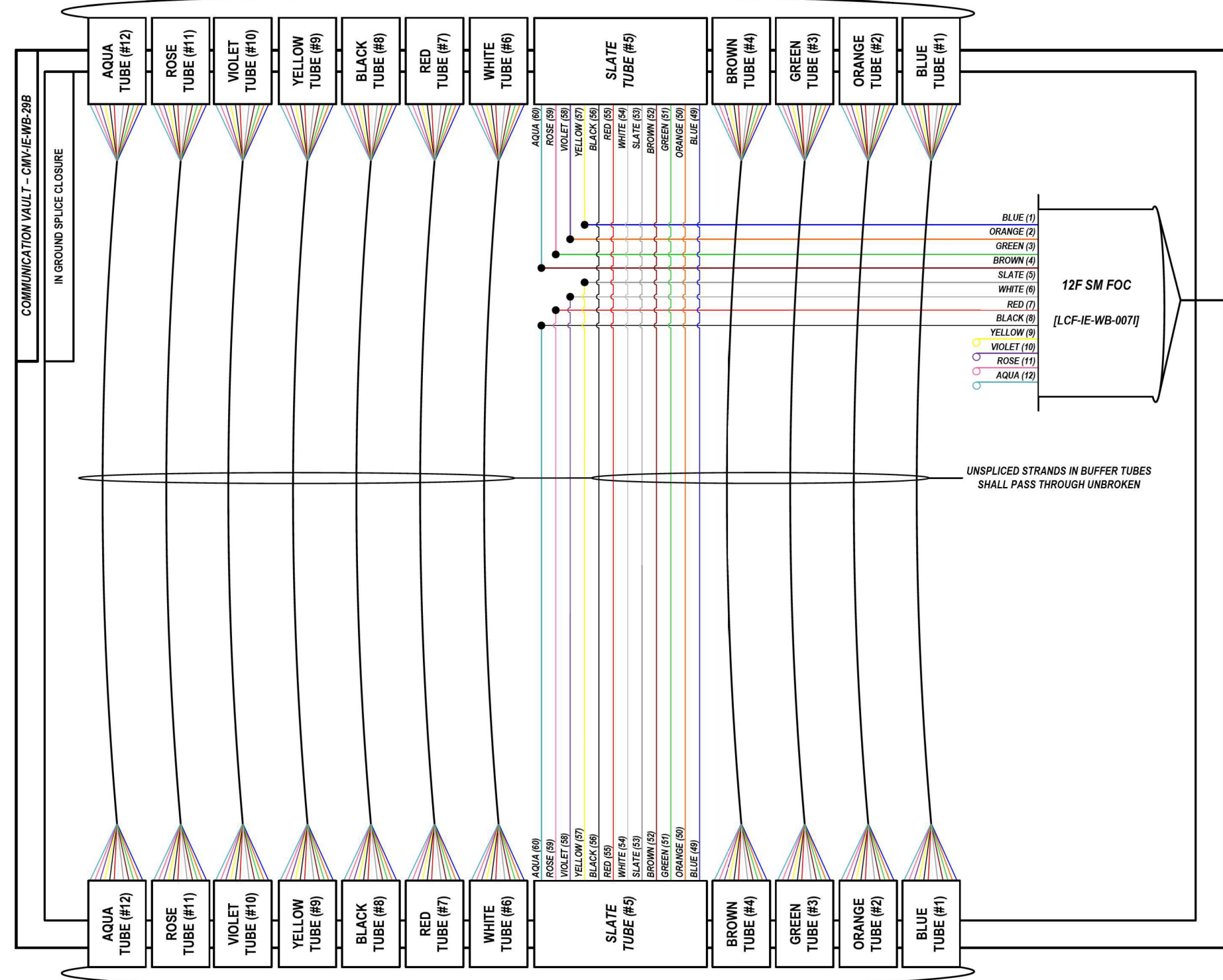
I-80
SPLICE DETAILS

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

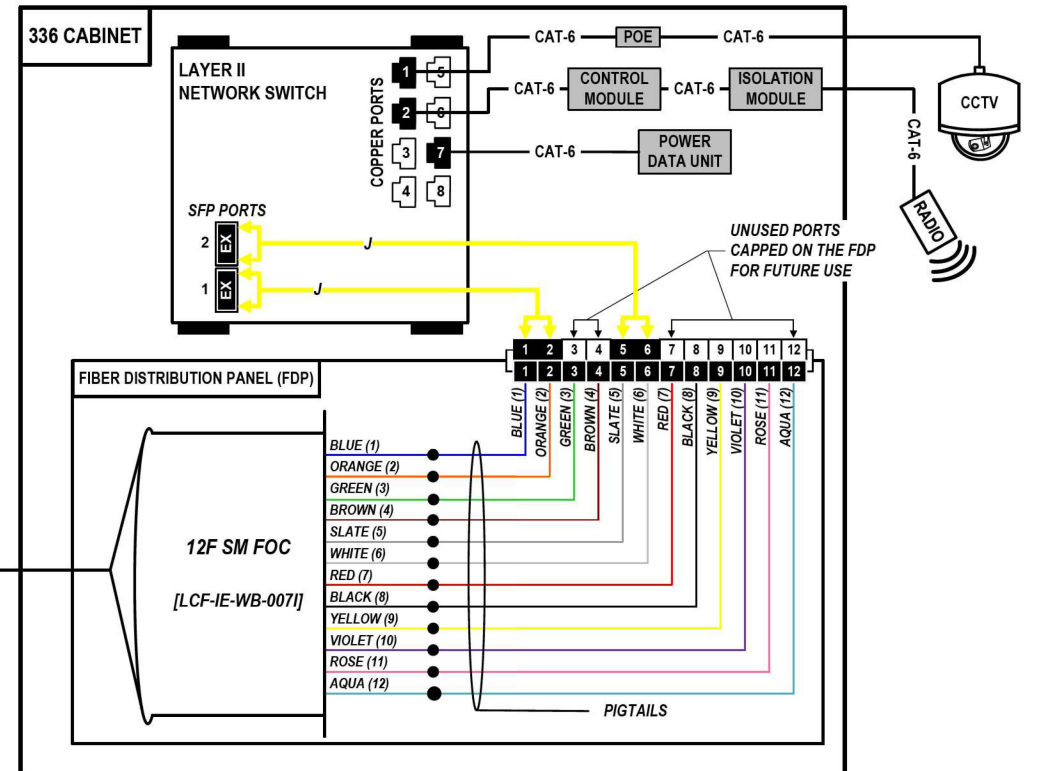
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	382
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]

LOCATION ID: IE29B



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\62R19-SHT-ITS-SPL-CE-45.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

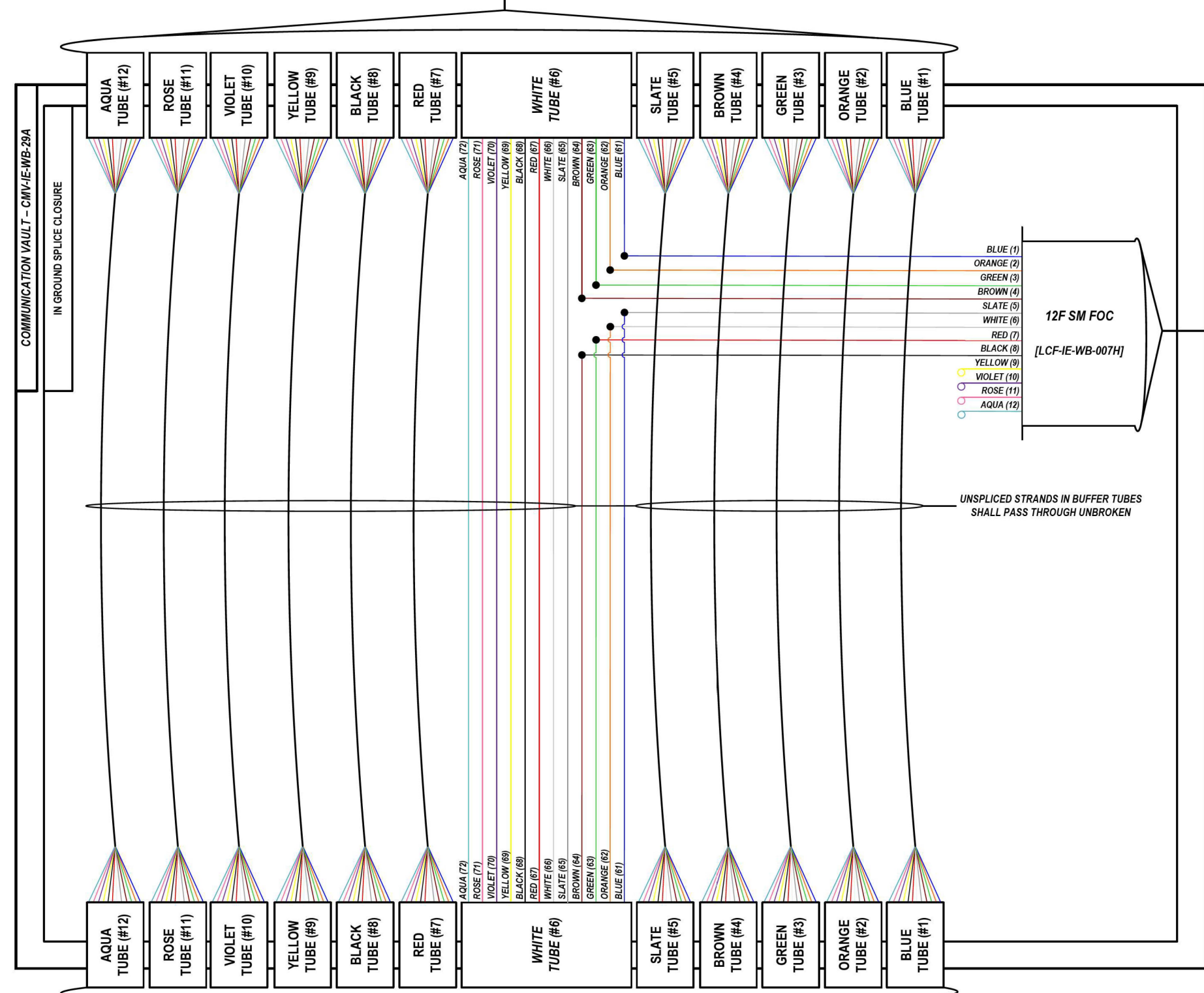
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

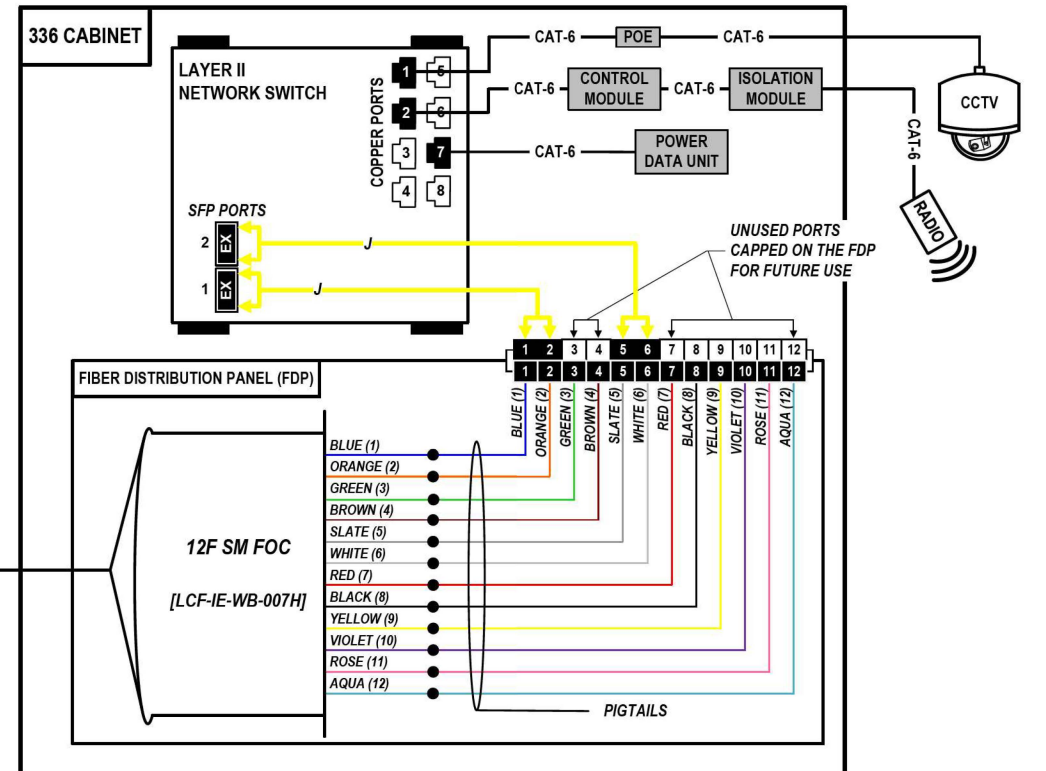
F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 383
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]

LOCATION ID: IE29A



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP SHEET V
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS\62R19-SHT-ITS-SPL-ICE-46.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 1/IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

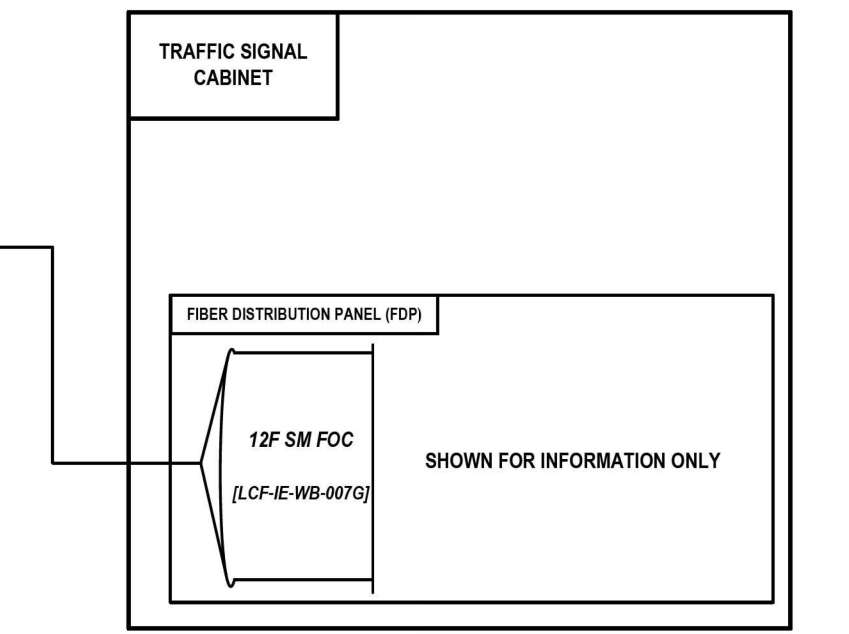
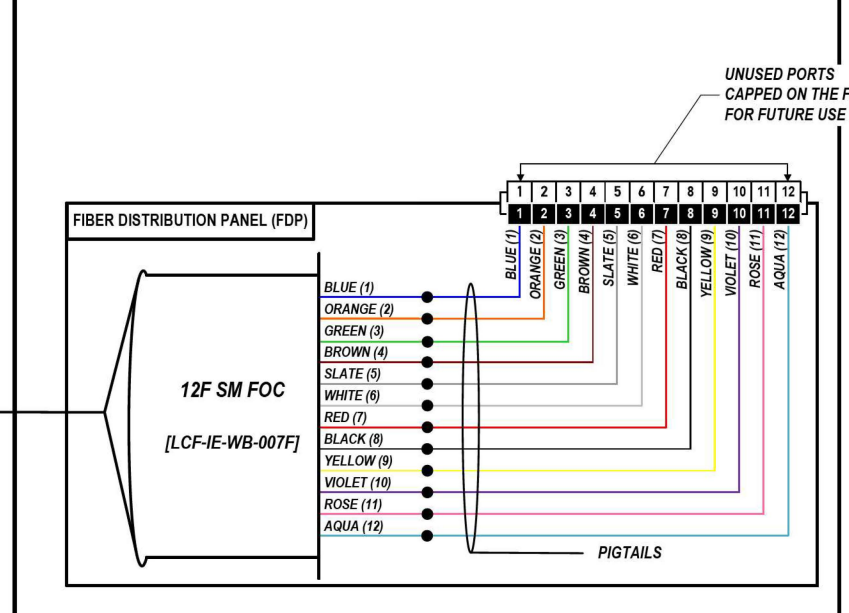
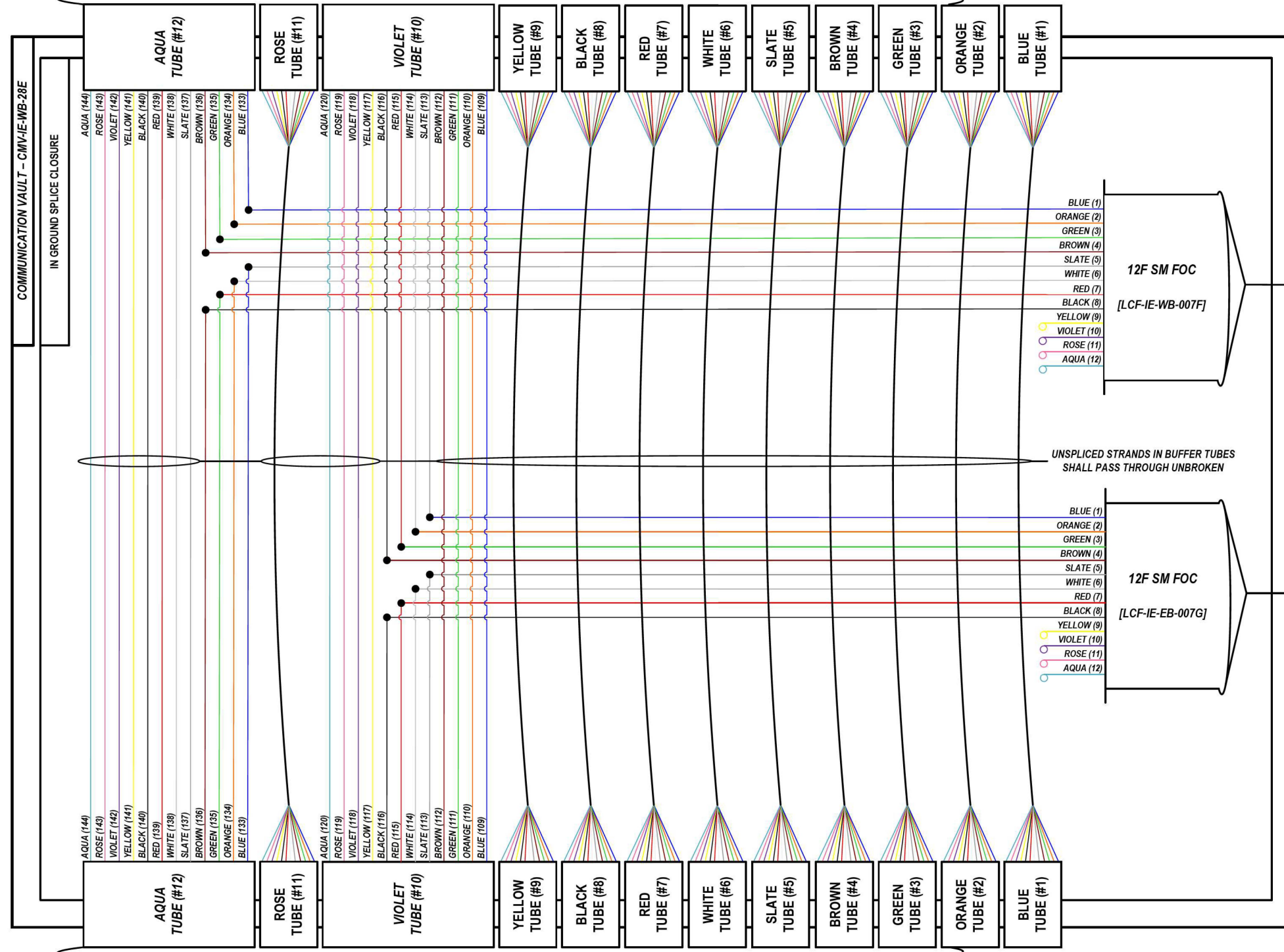
I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	384
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]

LOCATION ID: LC 'P' L0730 (BRIGGS ST.) & TS 7393 (BRIGGS ST.)

JBOX ATTACHED TO LIGHTING CONTROLLER CABINET



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

	FIBER OPTIC JUMPER, SINGLE MODE
	FIBER OPTIC FUSION SPLICE
	FIBER COIL
	FIBER OPTIC TERMINATION

MODEL: DP SHEET V
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS\PIV-021\DM523256562019-SHT-ITS-SPL-ICE-47.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

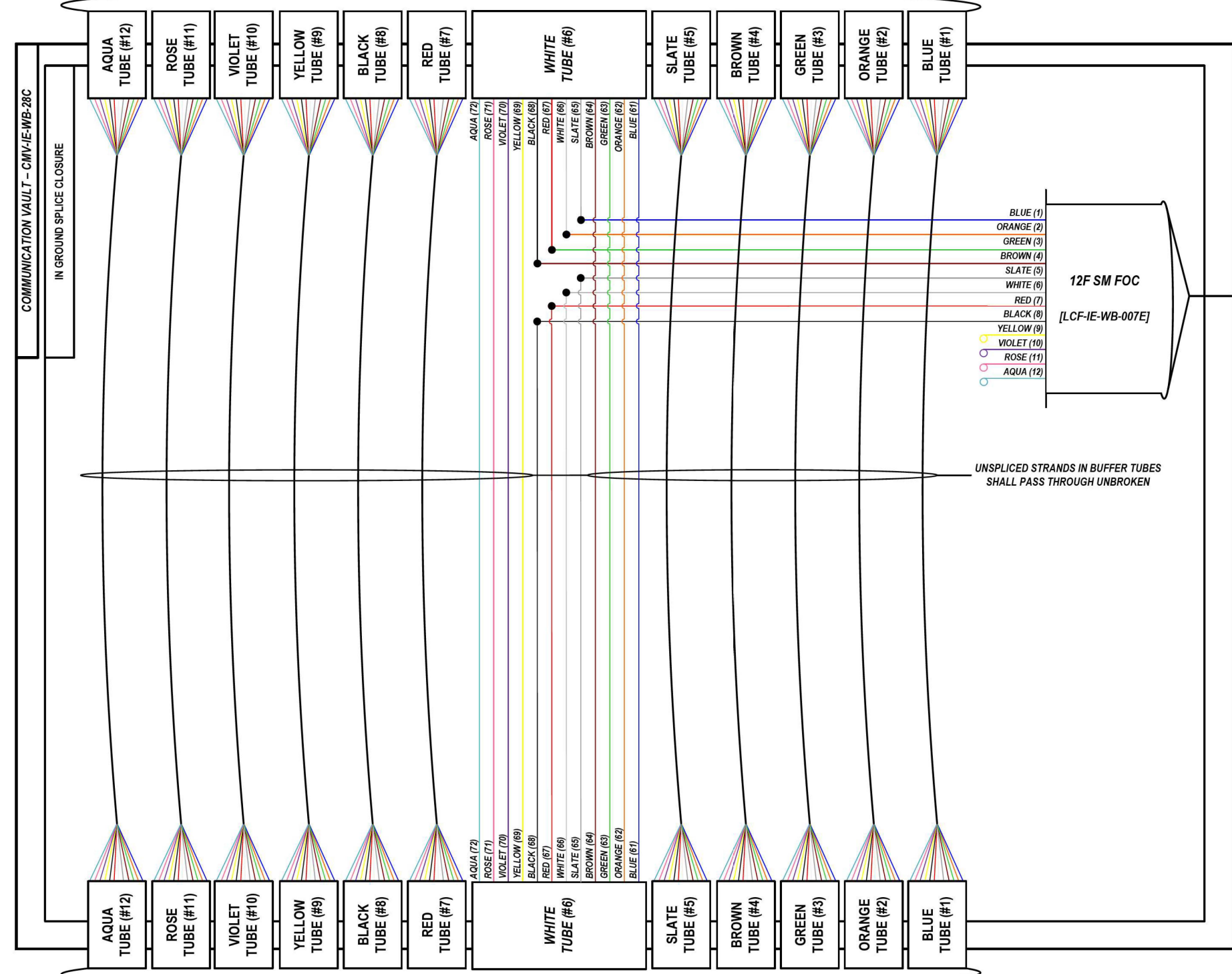
I-80
SPlice DETAILS

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

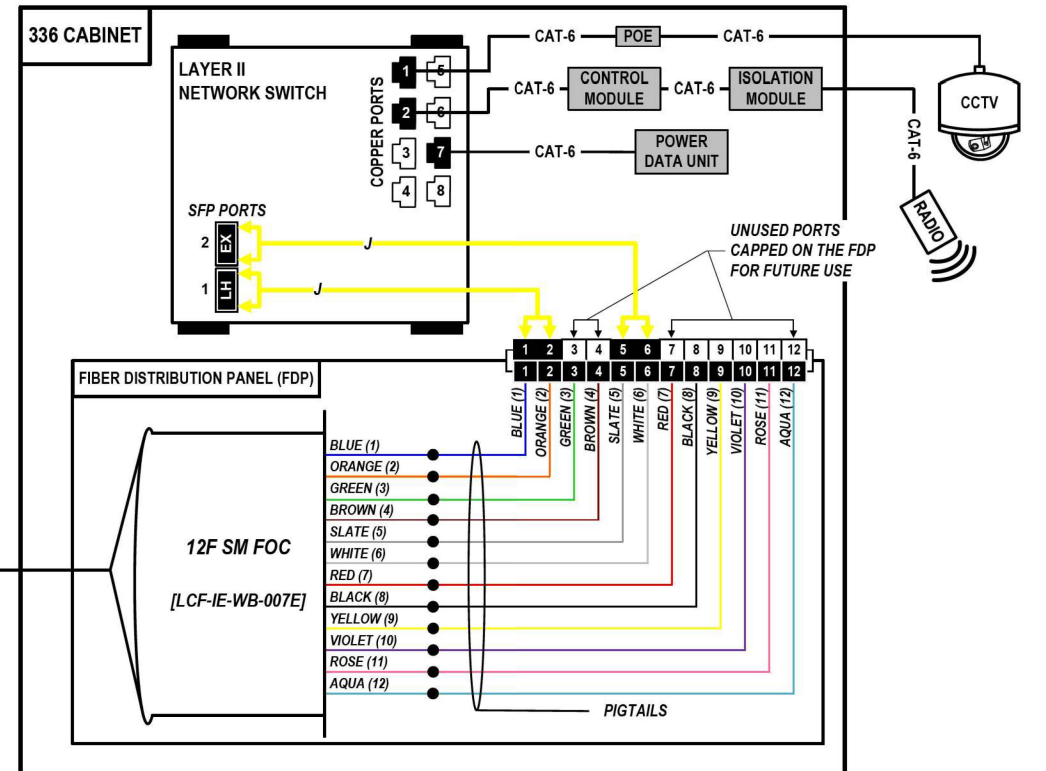
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	385
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]

LOCATION ID: IE28A



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPlicing.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\PHW-011\DM525256562019-SHT-ITS-SPLICE-48.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

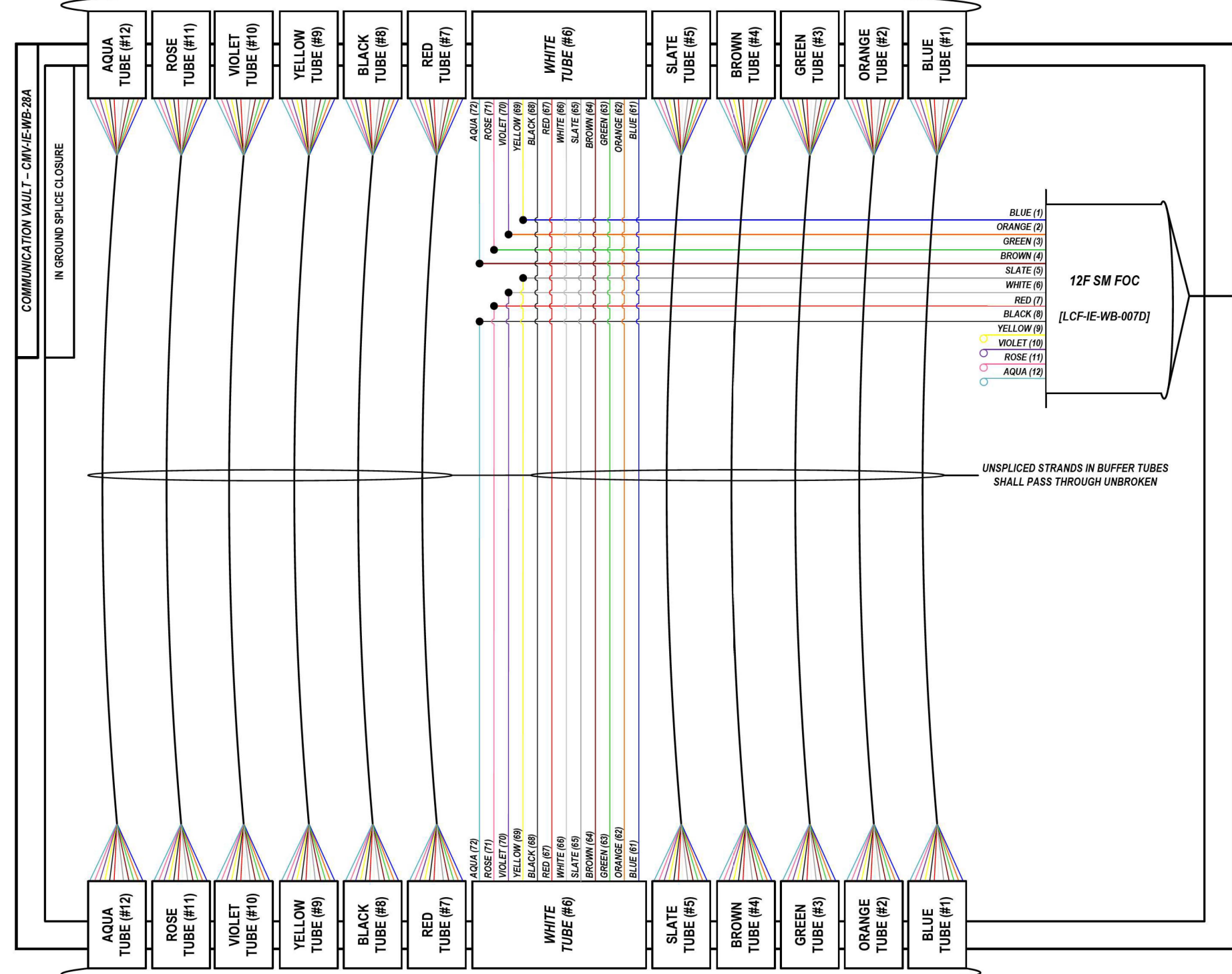
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

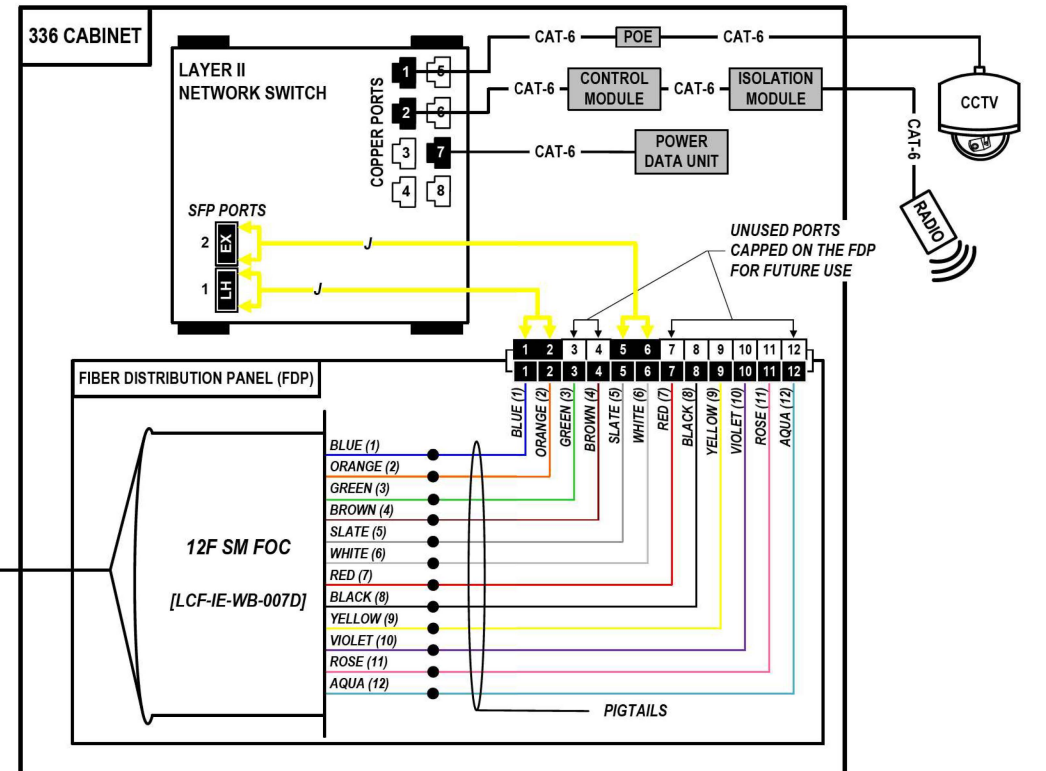
F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 386
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]

LOCATION ID: IE28



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPlicing.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP SHEET V
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\62R19-SHT-ITS-SPLICE-48.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

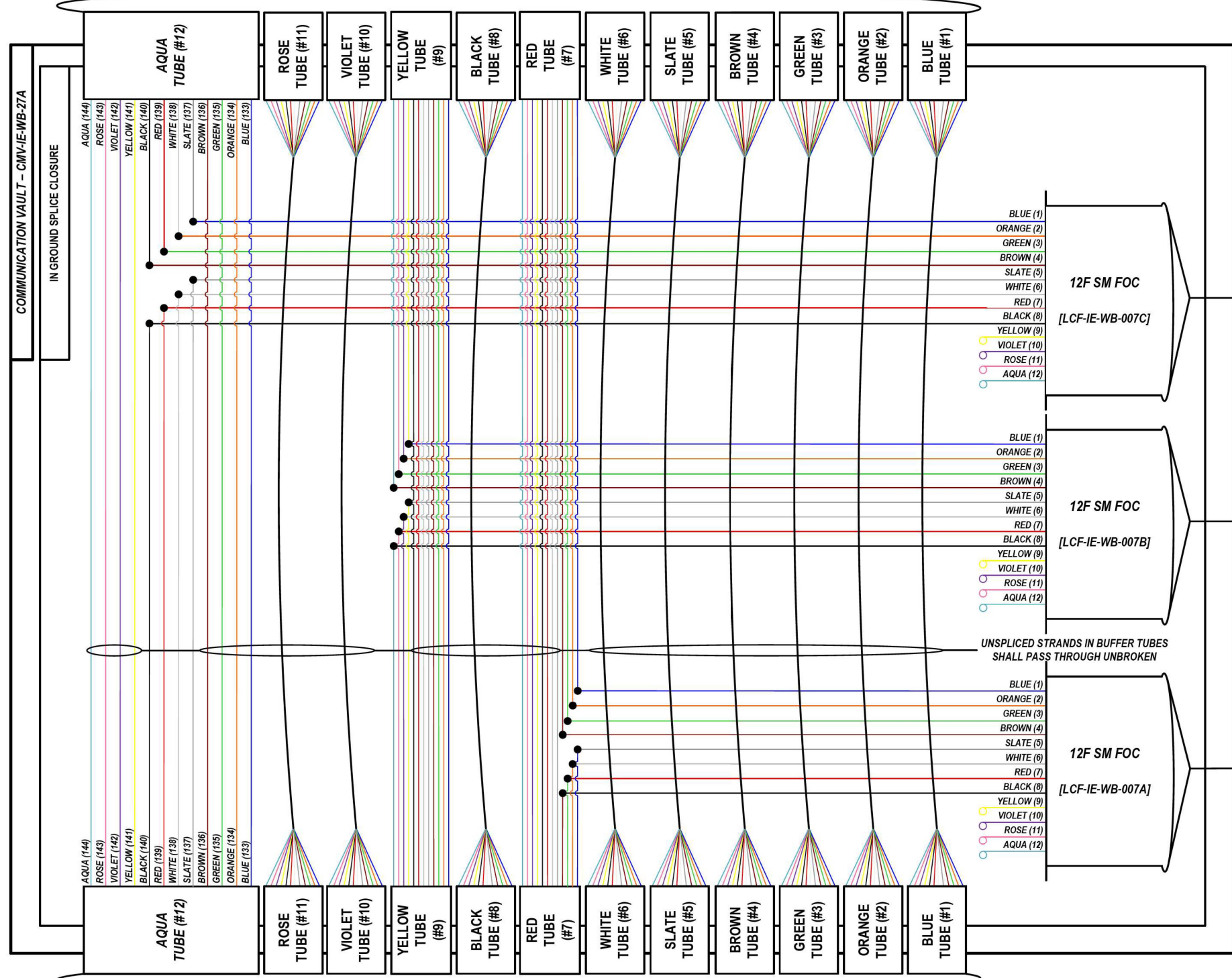
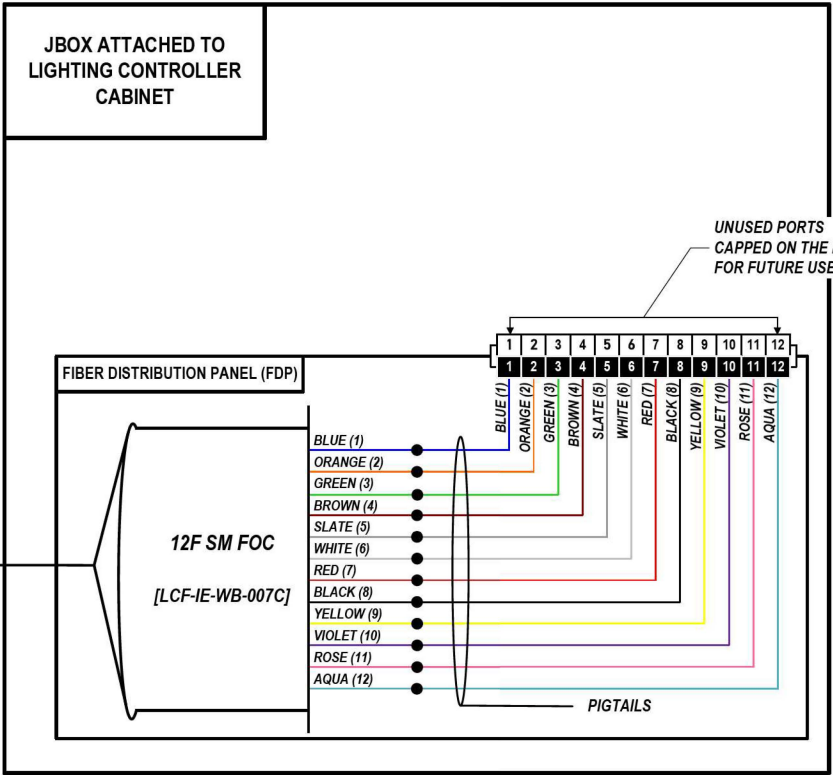
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 387
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]

LOCATION ID: LC 'O' L0729 (CHERRY HILL RD.)



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]

COMMUNICATION VAULT - CMV-IE-WB-27A
IN GROUND SPLICE CLOSURE

SEE DMS-47
SPLICING
DETAIL SHEET

SEE IE27
SPLICING
DETAIL SHEET

COLOR PLOT

NOTES:
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

	FIBER OPTIC JUMPER, SINGLE MODE
	FIBER OPTIC FUSION SPLICE
	FIBER COIL
	FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-021\DM52565662R19-SHRT-ITS-SPLICE-50.DWG

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

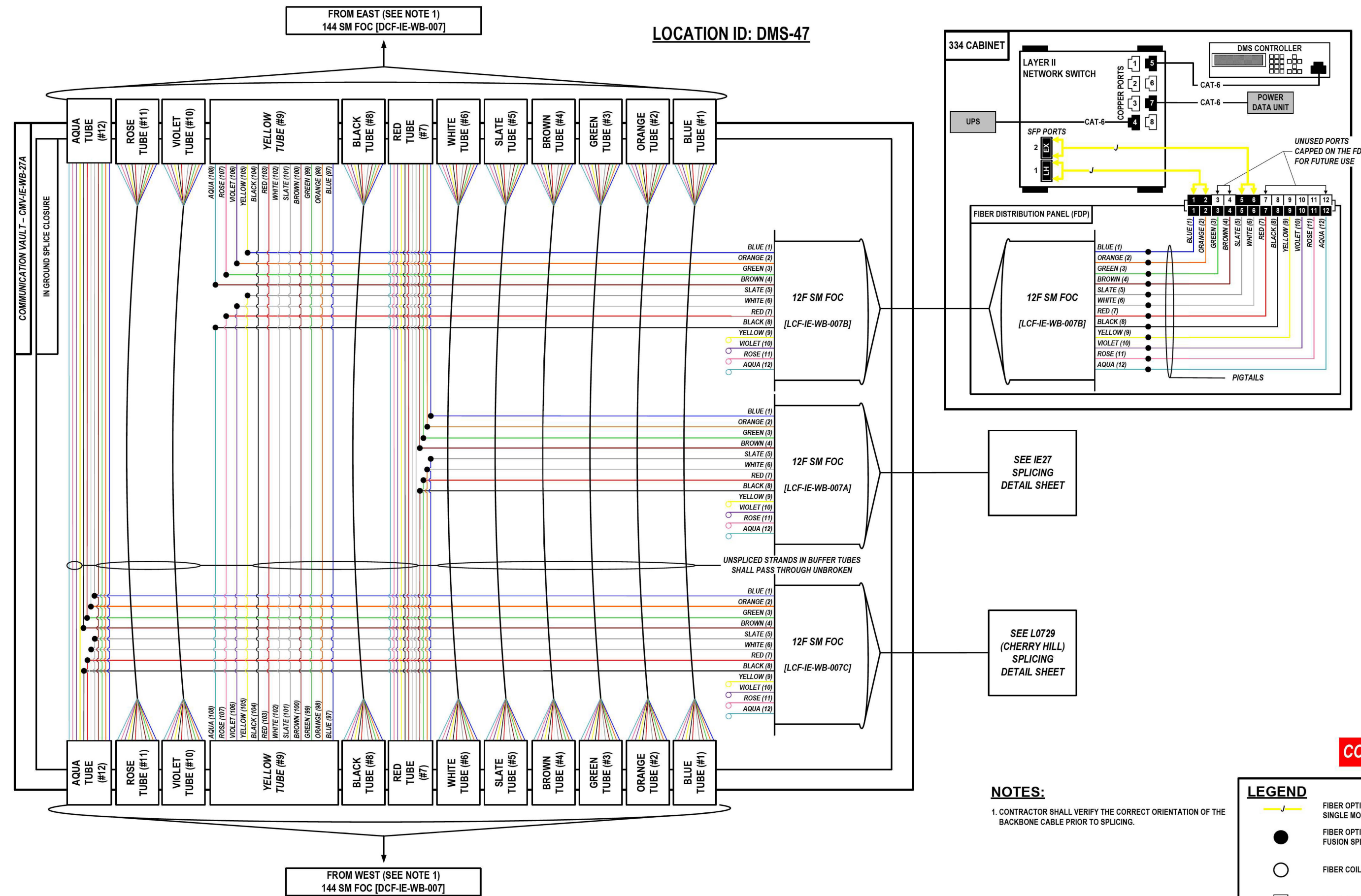
USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPLICE DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	388
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

LOCATION ID: DMS-47



SEE IE27
SPLICING
DETAIL SHEET

SEE L0729
(CHERRY HILL)
SPLICING
DETAIL SHEET

COLOR PLOT

NOTES:
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: 00 SHEET: 4
 FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS-PW-01\DMS47\IE-WB-007-19-SHT-ITS-SPL-CE-51.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

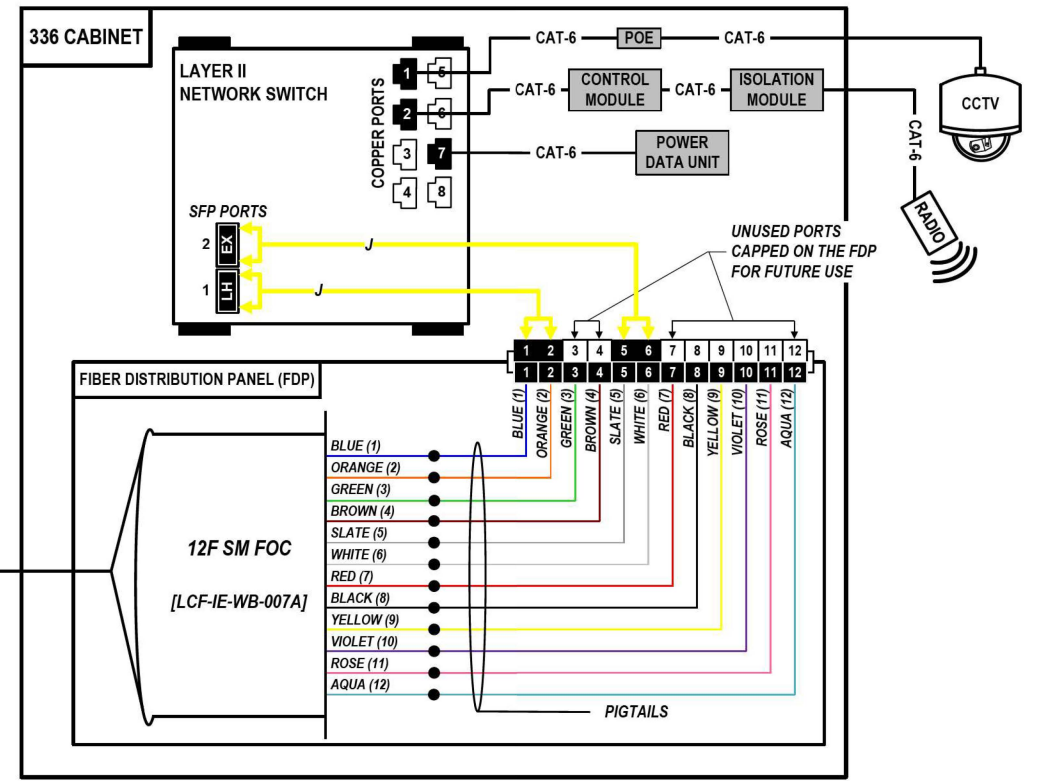
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80	
SPLICE DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	389
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

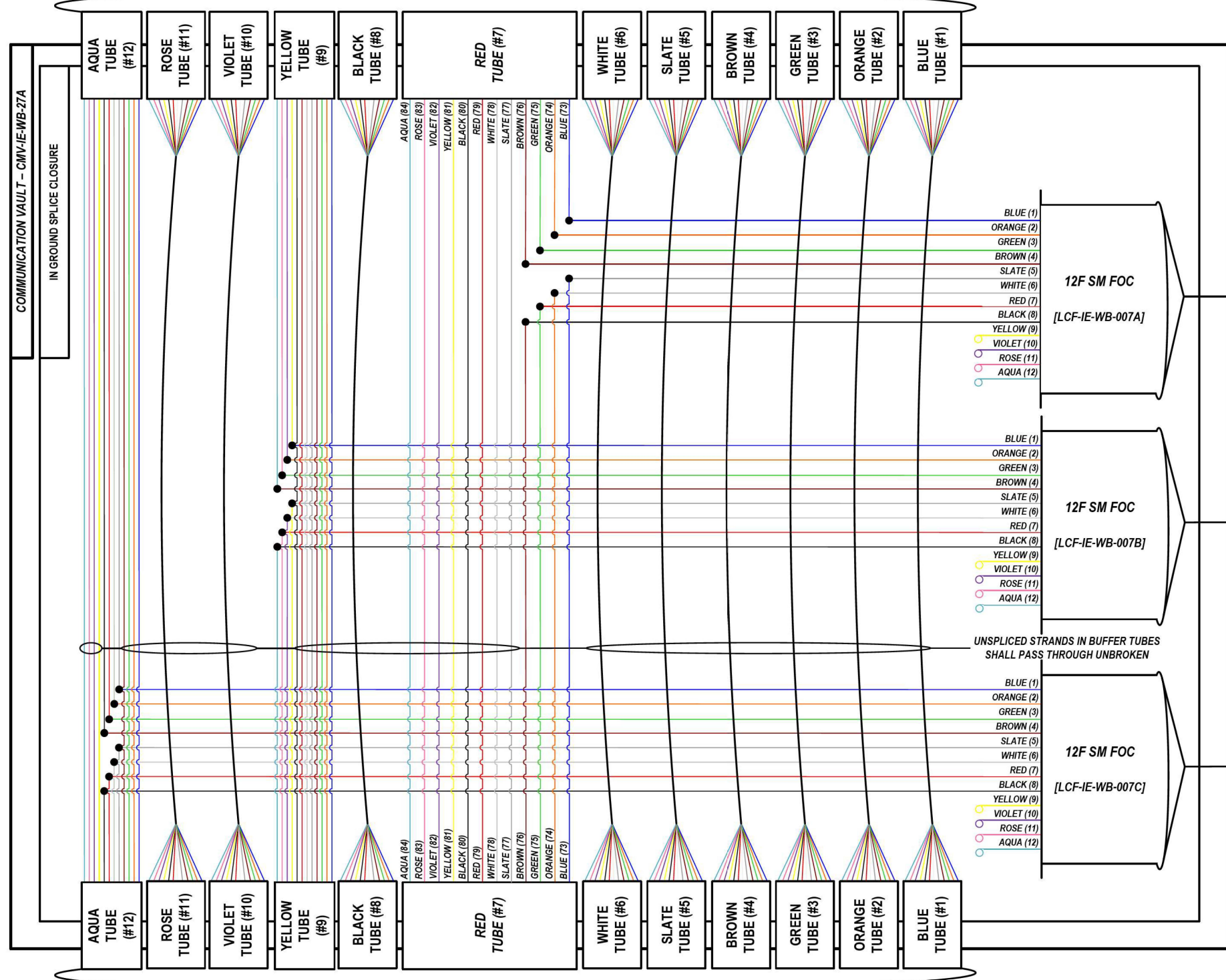
FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]

LOCATION ID: IE27



COMMUNICATION VAULT - CMV-IE-WB-27A

IN GROUND SPlice CLOSURE



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-WB-007]

SEE DMS-47
SPLICING
DETAIL SHEET

SEE L0729
SPLICING
DETAIL SHEET

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICING
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: 00 SHEET: 4
FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\PH-01\DM525256562019-SHT-ITS-SPLICE-52.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

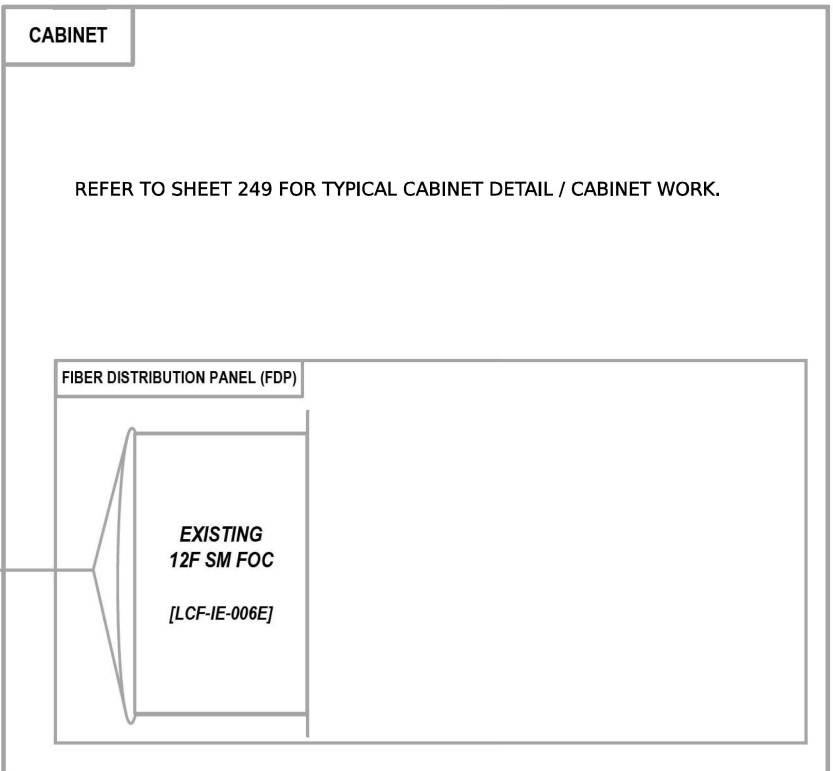
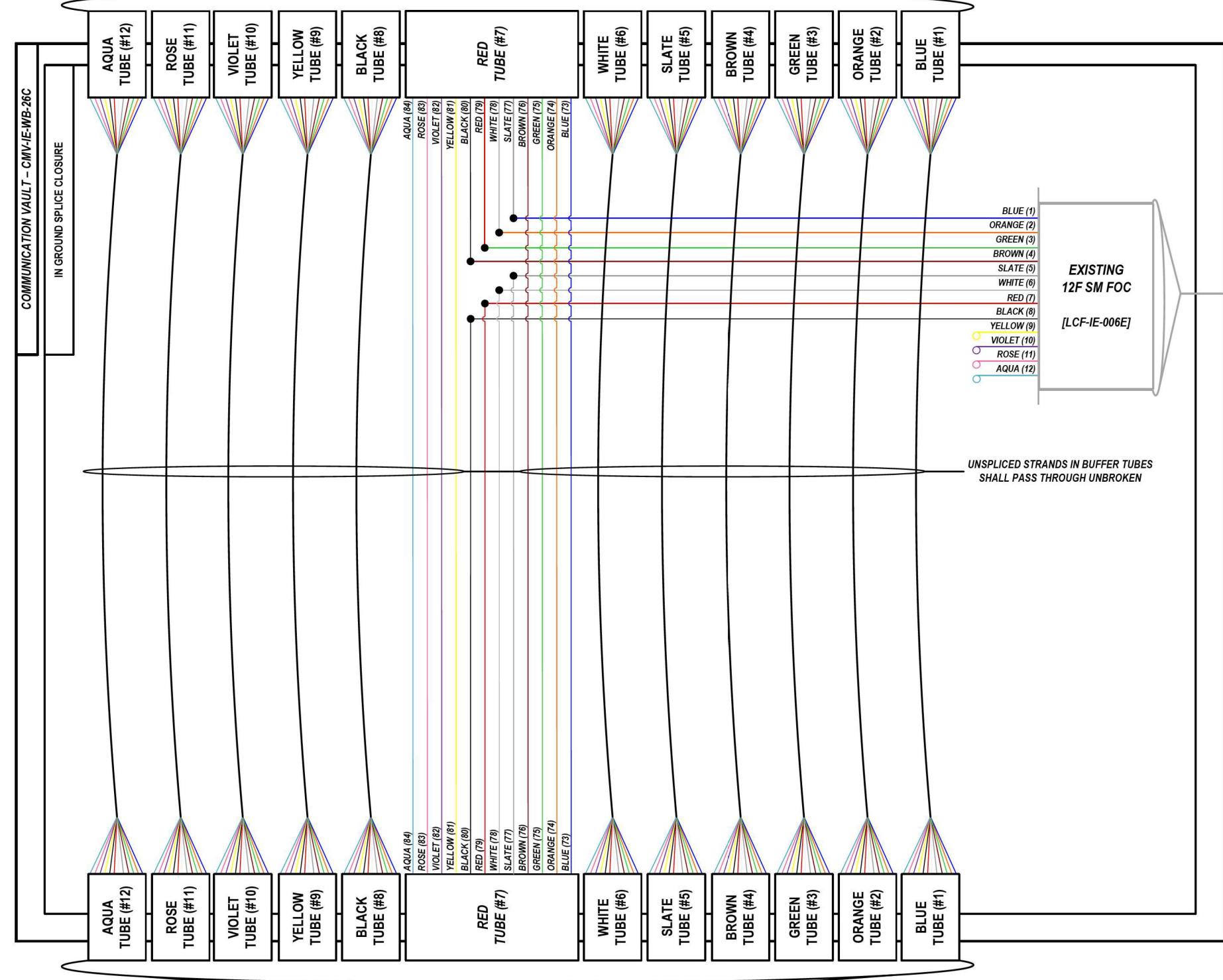
I-80
SPLICE DETAILS

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

F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 390
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-006]

LOCATION ID: EXISTING CAB 61



- BLUE (1)
- ORANGE (2)
- GREEN (3)
- BROWN (4)
- SLATE (5)
- WHITE (6)
- RED (7)
- BLACK (8)
- YELLOW (9)
- VIOLET (10)
- ROSE (11)
- AQUA (12)

UNSPliced STRANDS IN BUFFER TUBES SHALL PASS THROUGH UNBROKEN

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: 00 SHEET: 1
 FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS\PIV-021\DM52355662R19-SHT-ITS-SPLICE-53.DGN

ATLAS
 ATLAS TECHNICAL CONSULTANTS, LLC
 100 S. WACKER DRIVE, SUITE 400
 CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

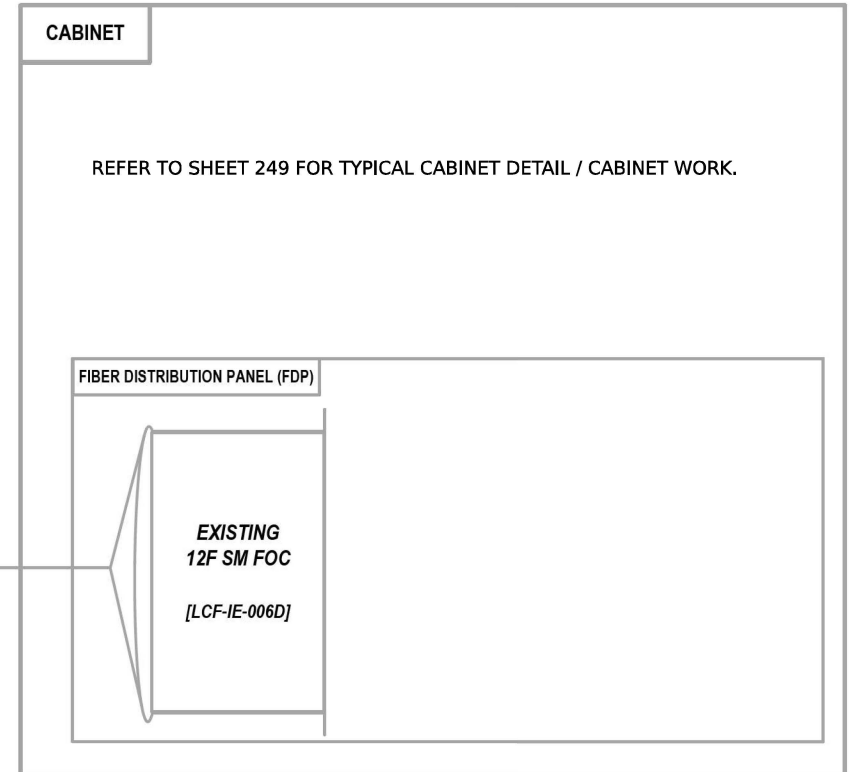
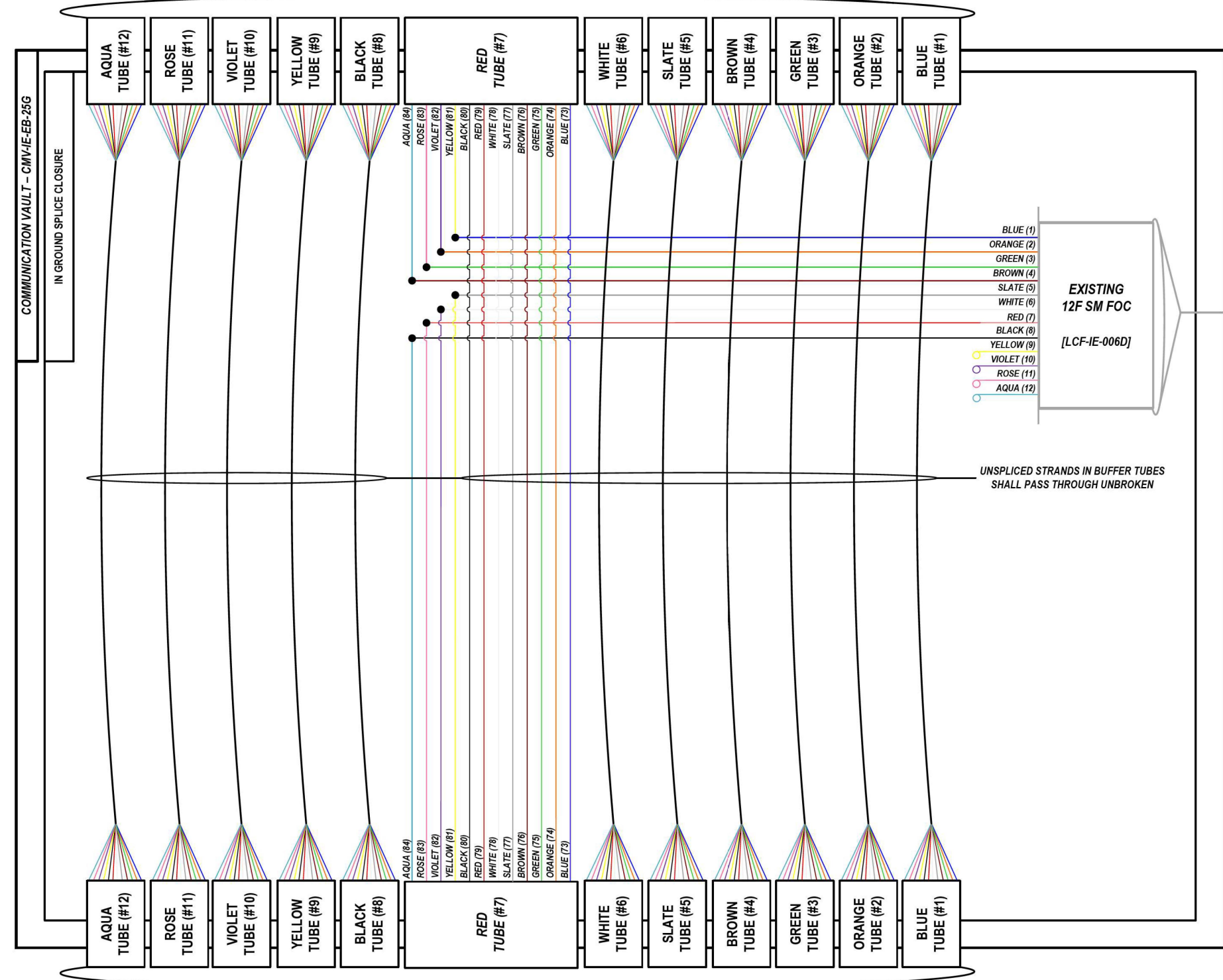
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SPlice DETAILS		80	FAI 80 21 VLS	VARIOUS	467	391
SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO STA.	

CONTRACT NO. 62R19		ILLINOIS	FED. AID PROJECT
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FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-006]

LOCATION ID: CAB 59/IE25B



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-006]

COLOR PLOT

NOTES:
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

	FIBER OPTIC JUMPER, SINGLE MODE
	FIBER OPTIC FUSION SPLICE
	FIBER COIL
	FIBER OPTIC TERMINATION

MODEL: 00 SHEET: 1
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS\PIV-021\DM52565662R19-SHRT-ITS-SPLICE-54.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 1/ IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

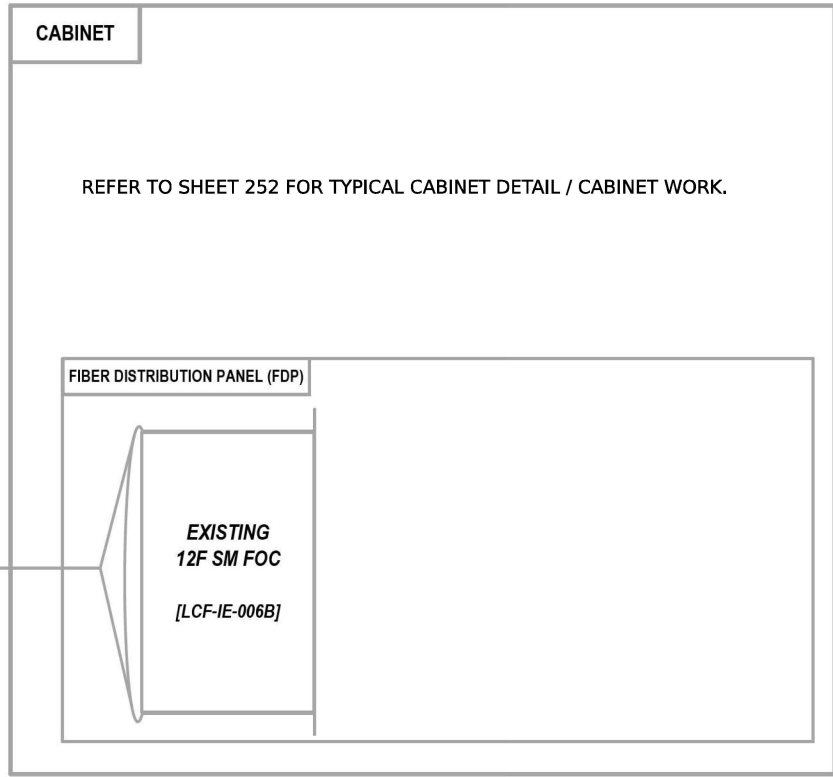
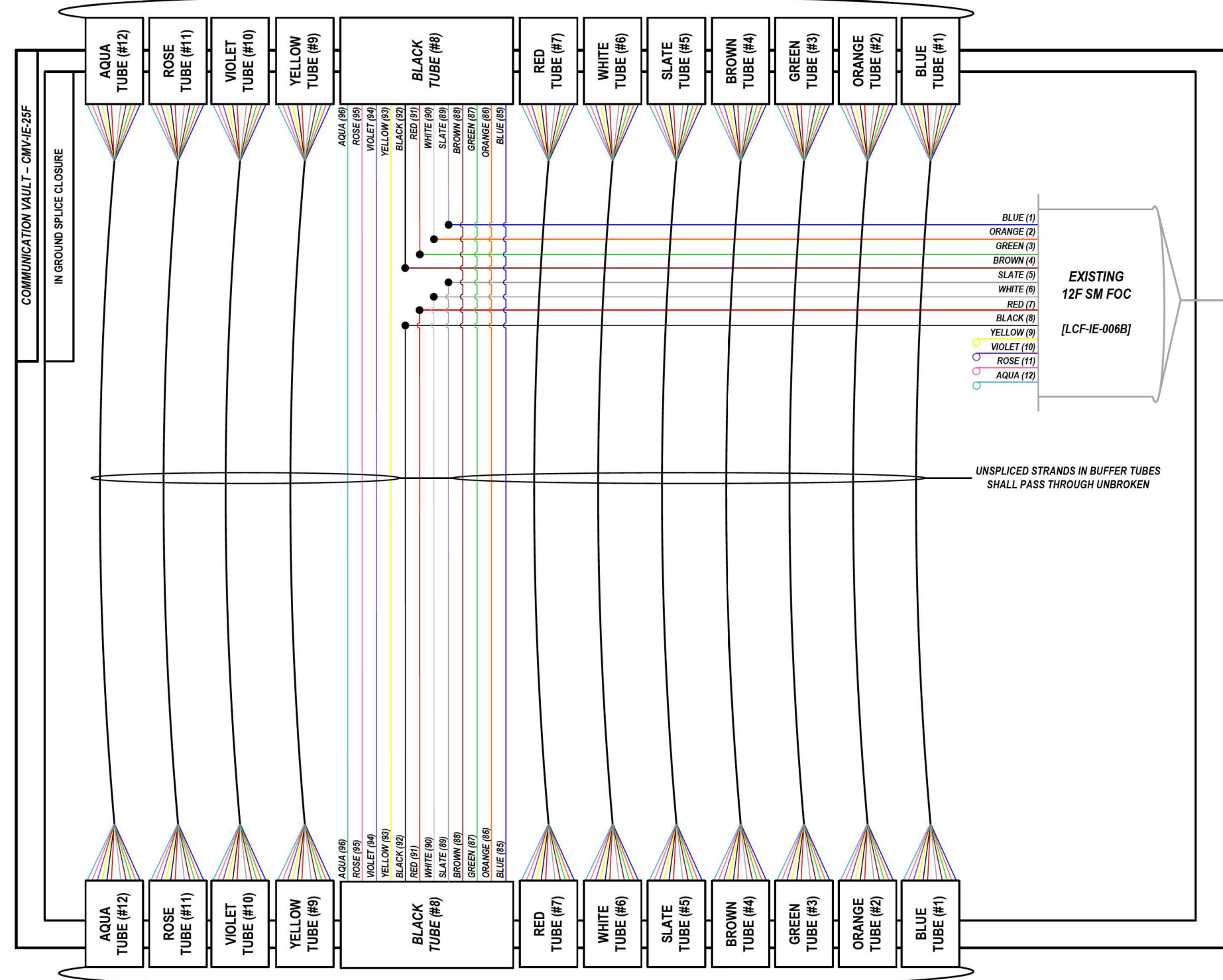
SCALE: N.T.S.		SHEET OF SHEETS		STA.	TO STA.
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I-80
SPlice DETAILS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	392
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-006]

LOCATION ID: EXISTING IE25A



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-006]

COLOR PLOT

NOTES:
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-021\DM52565662R19-SHT-ITS-SPLICE-55.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

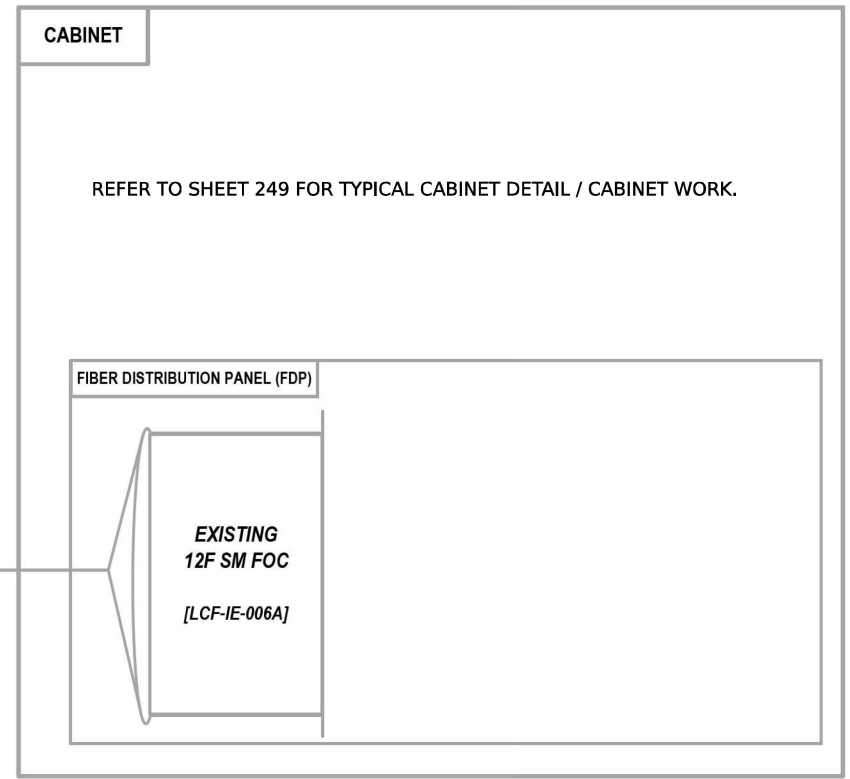
I-80
SPlice DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	393
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

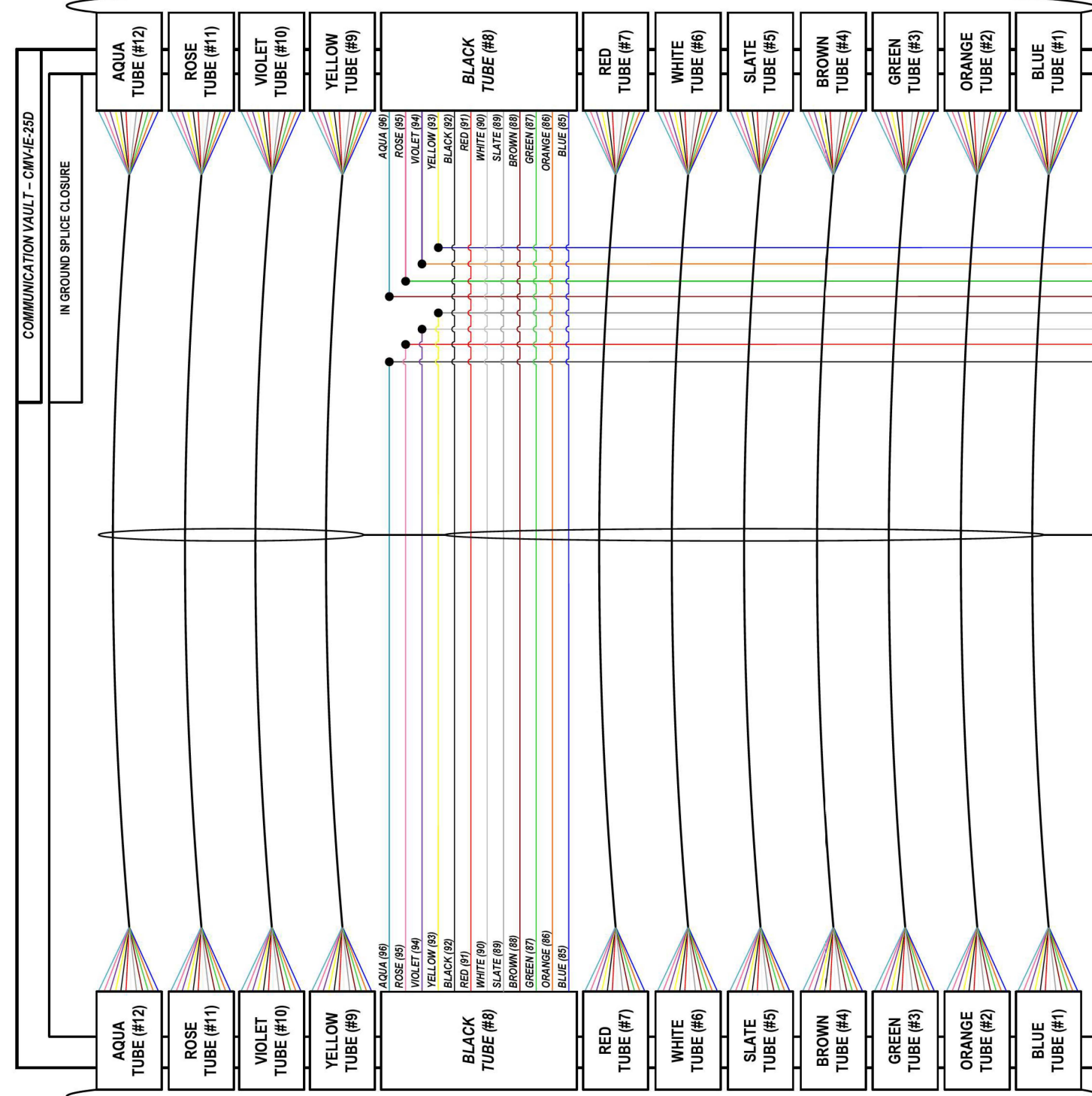
FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-006]

LOCATION ID: EXISTING CAB 57/IE25



- BLUE (1)
- ORANGE (2)
- GREEN (3)
- BROWN (4)
- SLATE (5)
- WHITE (6)
- RED (7)
- BLACK (8)
- YELLOW (9)
- VIOLET (10)
- ROSE (11)
- AQUA (12)

UNSPliced STRANDS IN BUFFER TUBES SHALL PASS THROUGH UNBROKEN



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-006]

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

	FIBER OPTIC JUMPER, SINGLE MODE
	FIBER OPTIC FUSION SPLICE
	FIBER COIL
	FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSMITSYSTEMS\LOCAL\TRANSMITSYSTEMS\PHW-01\DM523256562R19-SHT-ITS-SPLICE-56.DGN

ATLAS
 ATLAS TECHNICAL CONSULTANTS, LLC
 100 S. WACKER DRIVE, SUITE 400
 CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 1/ IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

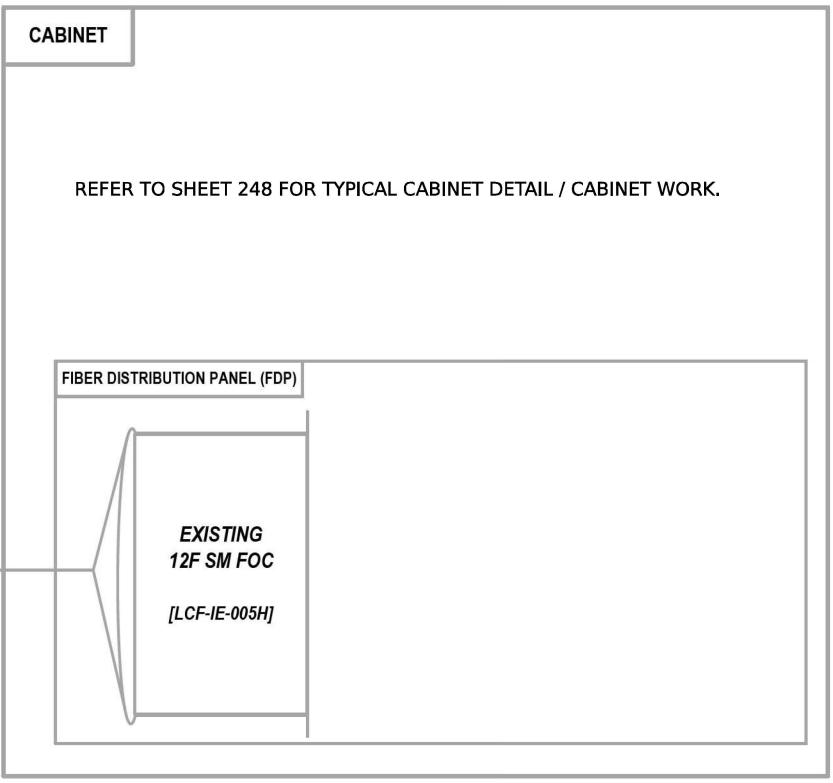
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 SPLICE DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	394
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62R19	

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-005]

LOCATION ID: EXISTING IE24

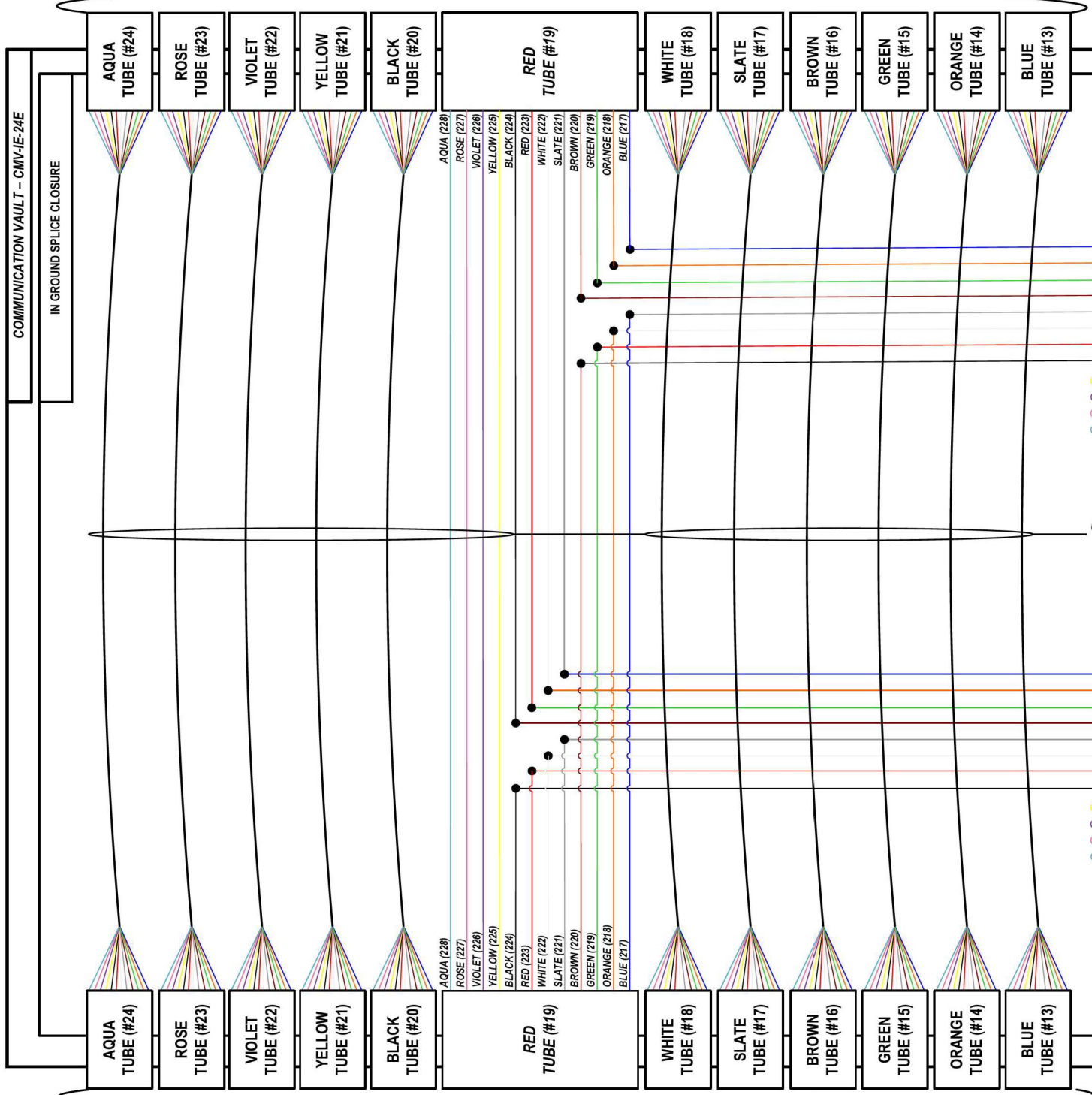


SEE EXISTING
CAB 55
SPLICING
DETAIL SHEET

- BLUE (1)
- ORANGE (2)
- GREEN (3)
- BROWN (4)
- SLATE (5)
- WHITE (6)
- RED (7)
- BLACK (8)
- YELLOW (9)
- VIOLET (10)
- ROSE (11)
- AQUA (12)

- BLUE (1)
- ORANGE (2)
- GREEN (3)
- BROWN (4)
- SLATE (5)
- WHITE (6)
- RED (7)
- BLACK (8)
- YELLOW (9)
- VIOLET (10)
- ROSE (11)
- AQUA (12)

UNSPliced STRANDS IN BUFFER TUBES
SHALL PASS THROUGH UNBROKEN



FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-005]

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-01\DM52325662R19-SHT-ITS-SPLICE-57.DGN



USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

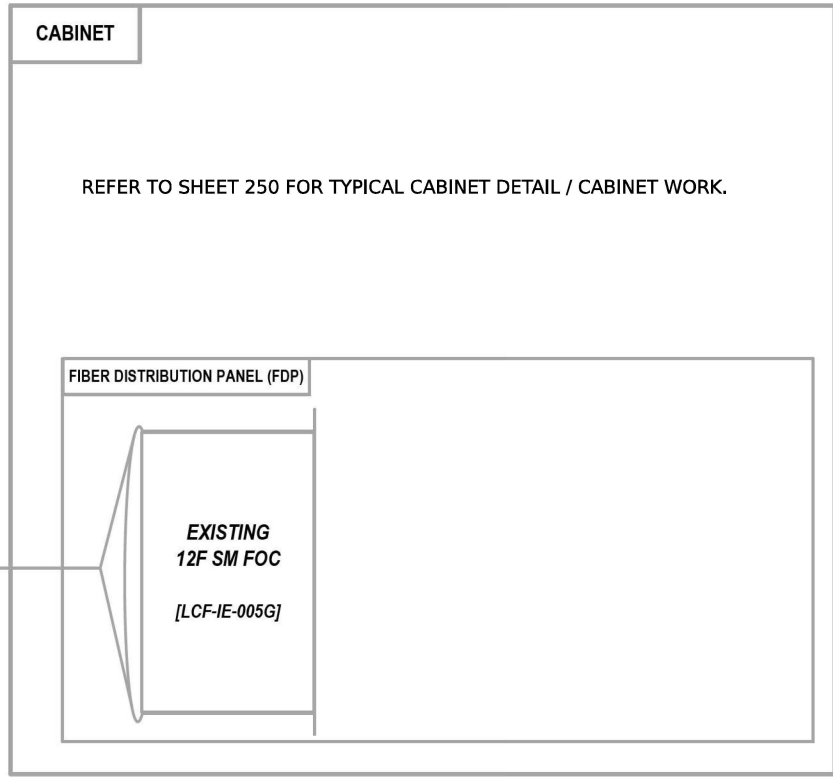
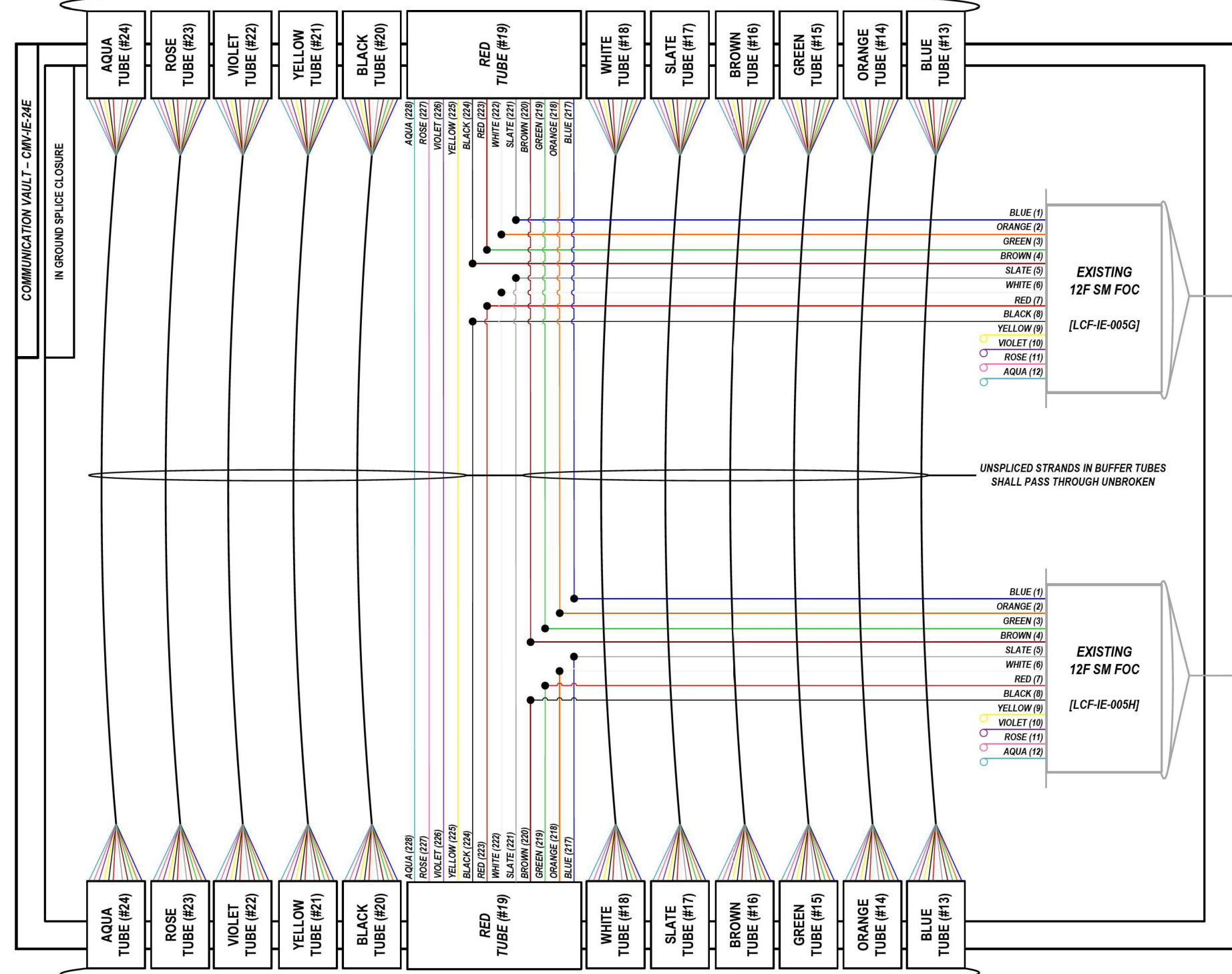
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SPlice DETAILS		80	FAI 80 21 VLS	VARIOUS	467	395
SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO STA.	

CONTRACT NO. 62R19		ILLINOIS	FED. AID PROJECT
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FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-005]

LOCATION ID: EXISTING CAB 55



SEE EXISTING IE24 SPLICING DETAIL SHEET

FROM WEST (SEE NOTE 1)
144 SM FOC [DCF-IE-005]

COLOR PLOT

NOTES:
1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND	
	FIBER OPTIC JUMPER, SINGLE MODE
	FIBER OPTIC FUSION SPLICE
	FIBER COIL
	FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-021\DWG\2525662R19-SHT-ITS-SPLICE-58.DWG

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

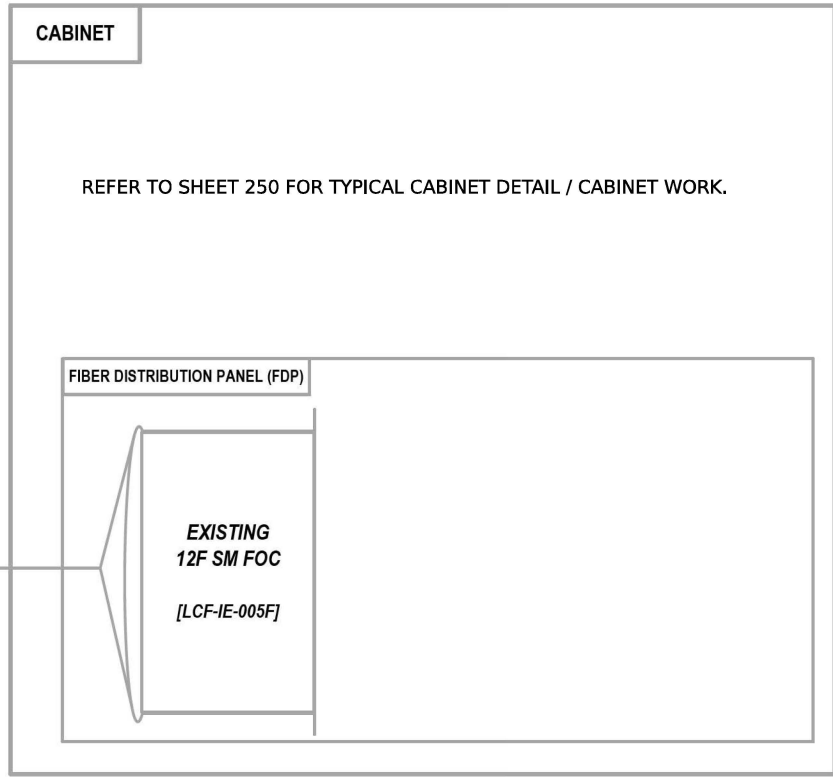
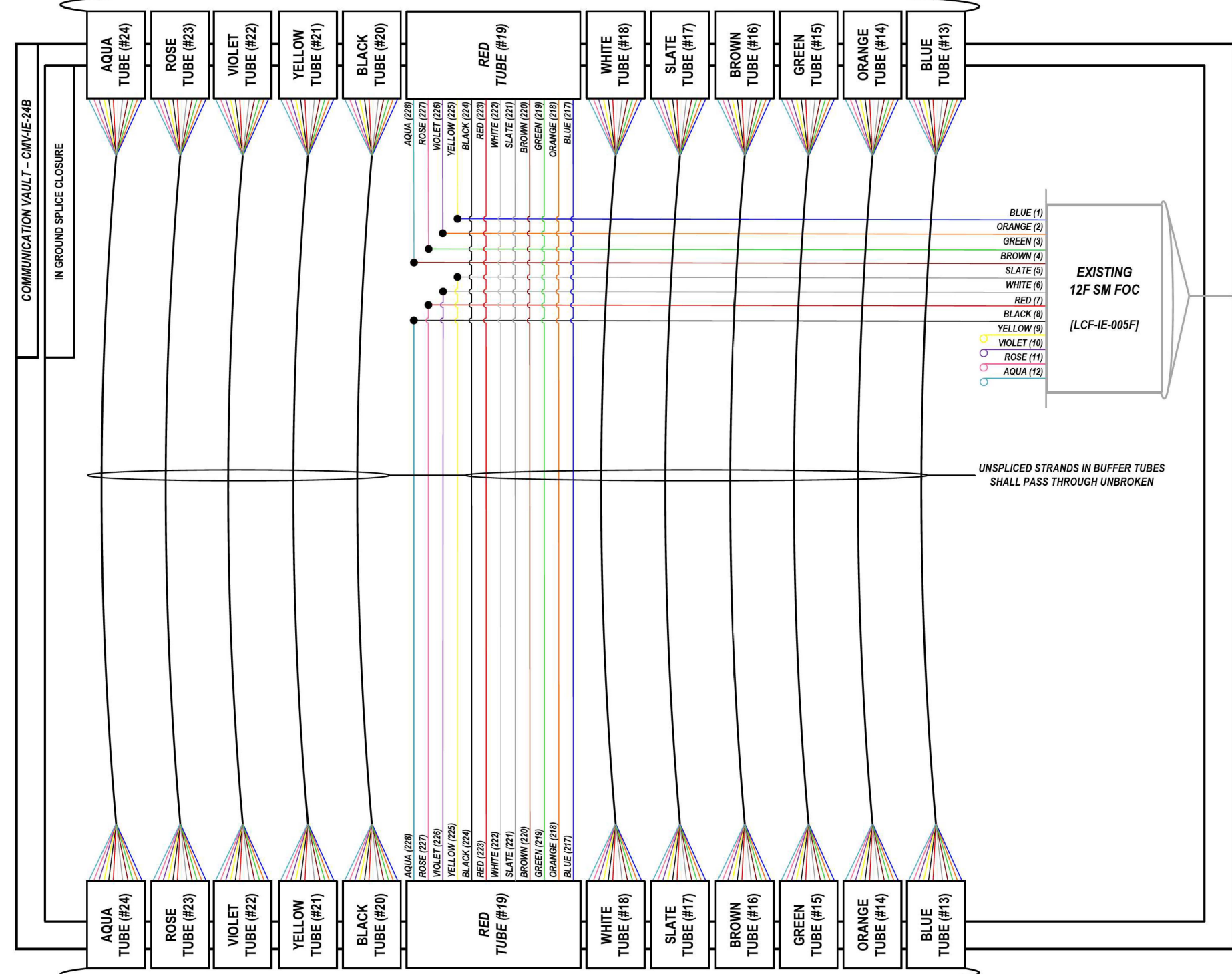
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	396
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-005]

LOCATION ID: EXISTING CAB 53



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: 00 SHEET: 1
FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS\PIV-021\DM523256562R19-SHT-ITS-SPLICE-59.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

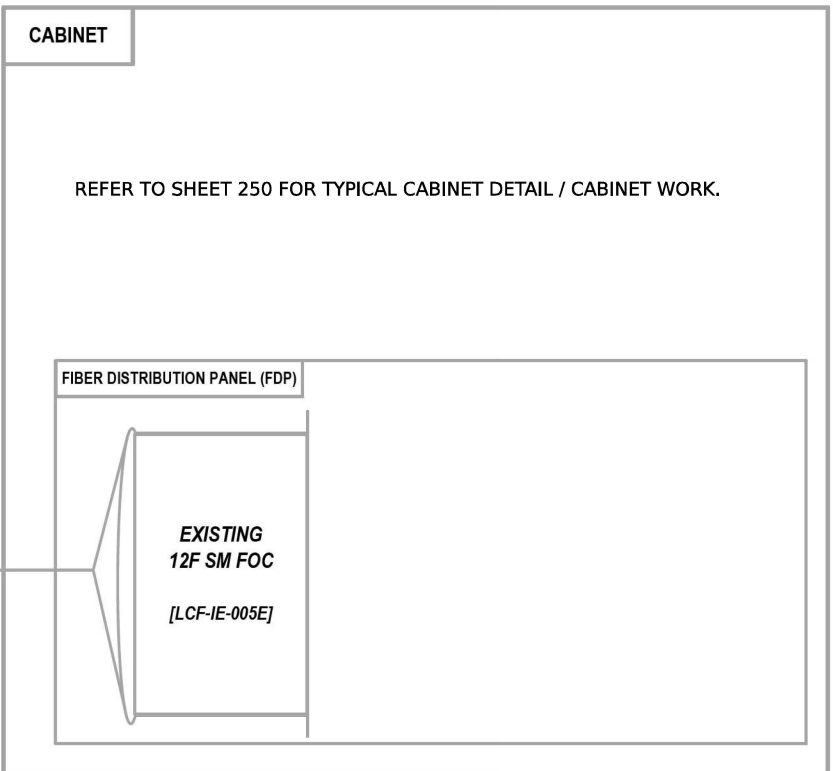
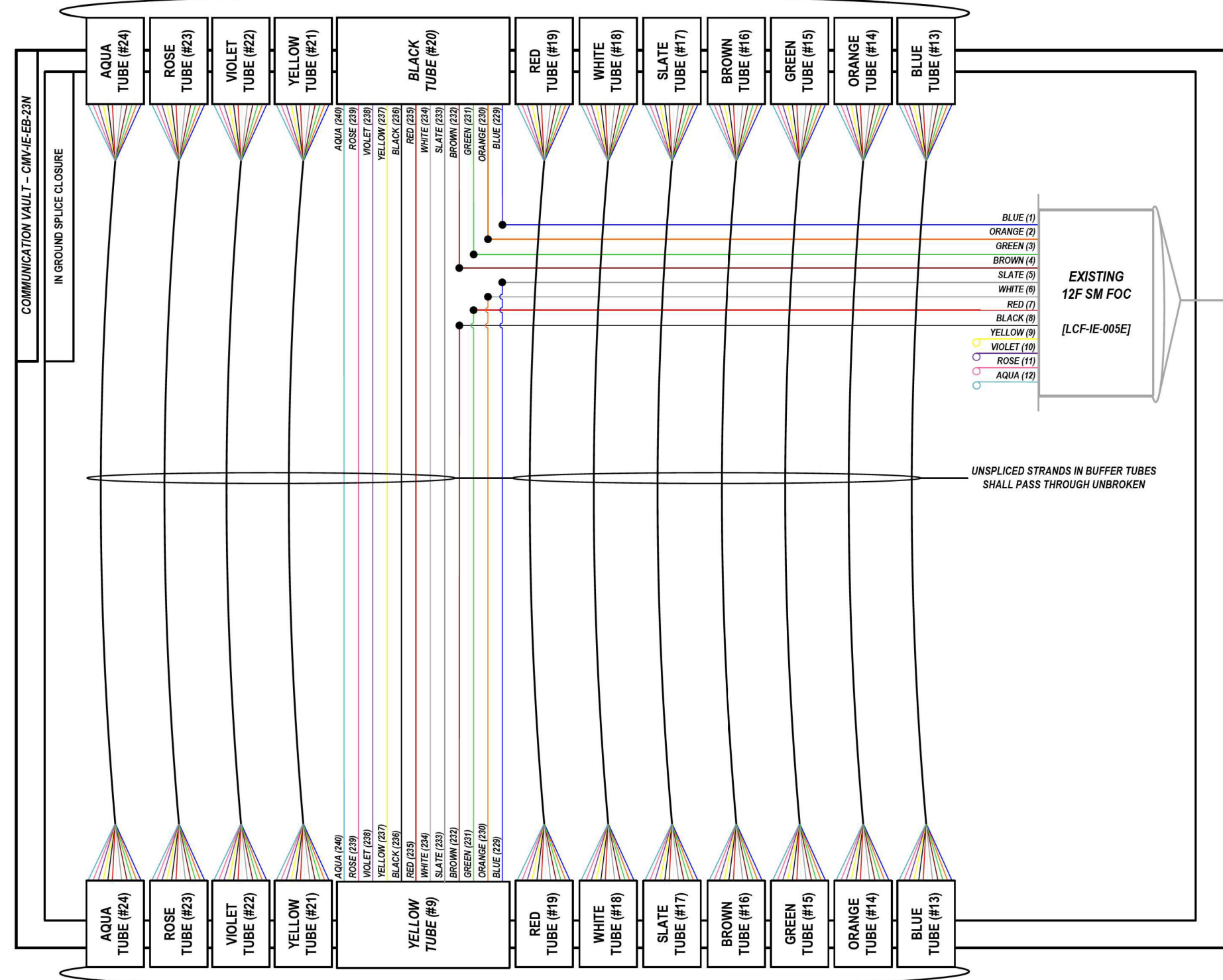
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS			
SCALE: N.T.S.	SHEET	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	397
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				

FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-005]

LOCATION ID: EXISTING CAB 51



COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

	FIBER OPTIC JUMPER, SINGLE MODE
	FIBER OPTIC FUSION SPLICE
	FIBER COIL
	FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSMITSYSTEMS\PW-01\DM52356562R19-SHT-ITS-SPLICE-60.DGN

ATLAS
ATLAS TECHNICAL CONSULTANTS, LLC
100 S. WACKER DRIVE, SUITE 400
CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

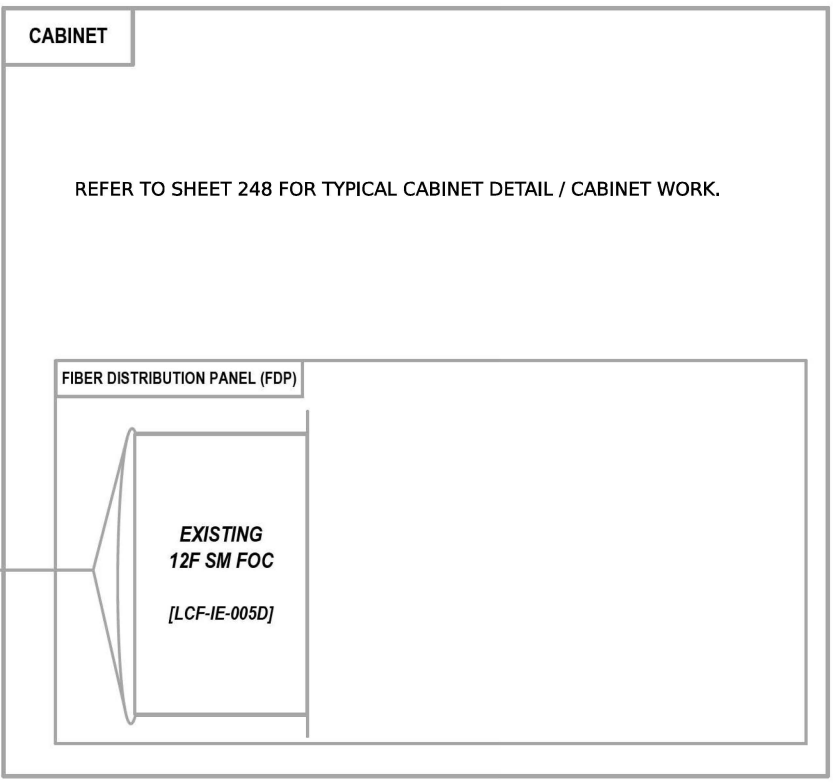
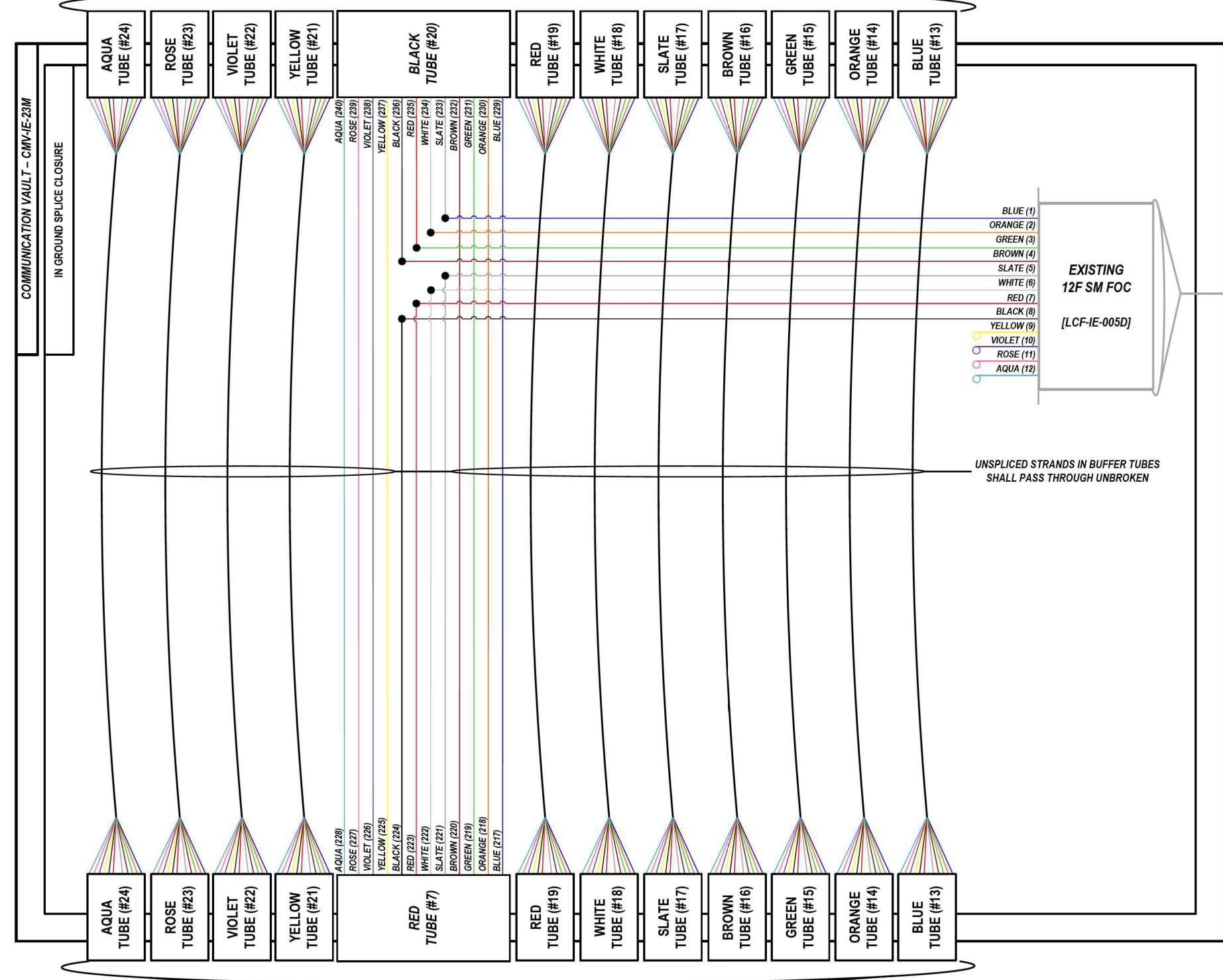
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS		F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 398
SCALE: N.T.S.	SHEET	OF	SHEETS	STA.	TO STA.	

CONTRACT NO. 62R19		ILLINOIS	FED. AID PROJECT
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FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-005]

LOCATION ID: EXISTING IE23A



- BLUE (1)
- ORANGE (2)
- GREEN (3)
- BROWN (4)
- SLATE (5)
- WHITE (6)
- RED (7)
- BLACK (8)
- YELLOW (9)
- VIOLET (10)
- ROSE (11)
- AQUA (12)

UNSPliced STRANDS IN BUFFER TUBES SHALL PASS THROUGH UNBROKEN

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSSYSTEMS\PIV\LOCAL\TRANSSYSTEMS\PIV-021\DM523565662R19-SHT-ITS-SPLICE-61.DGN

ATLAS
 ATLAS TECHNICAL CONSULTANTS, LLC
 100 S. WACKER DRIVE, SUITE 400
 CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

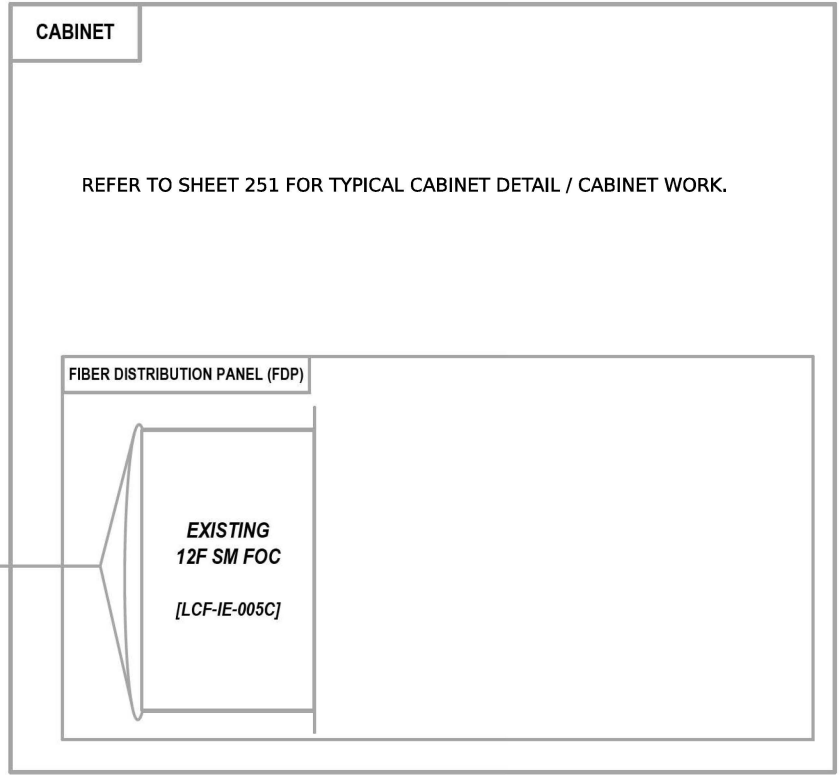
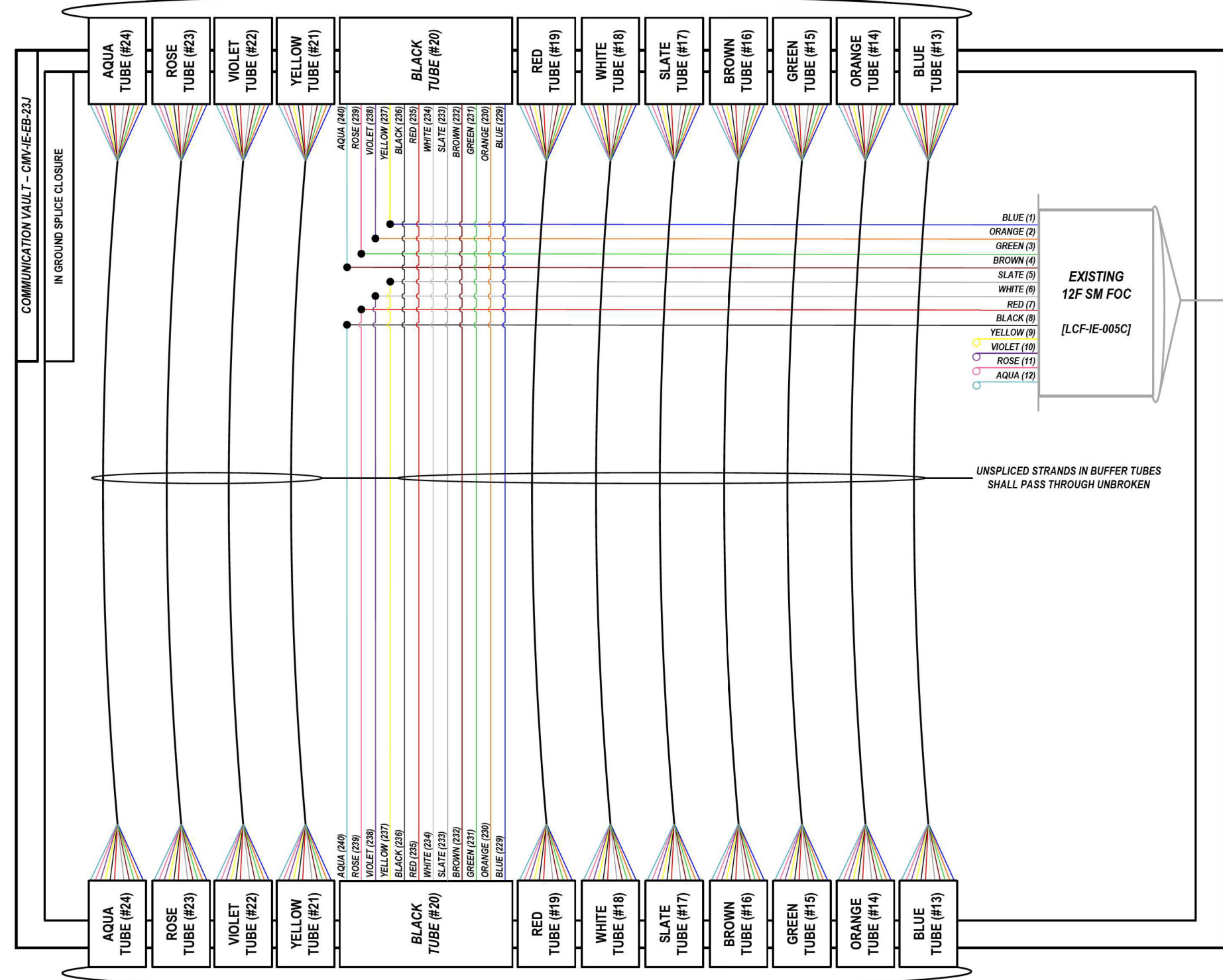
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 SPlice DETAILS		F.A.I. RTE. 80	SECTION FAI 80 21 VLS	COUNTY VARIOUS	TOTAL SHEETS 467	SHEET NO. 399
SCALE: N.T.S	SHEET	OF	SHEETS	STA.	TO STA.	

CONTRACT NO. 62R19		ILLINOIS	FED. AID PROJECT
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FROM EAST (SEE NOTE 1)
144 SM FOC [DCF-IE-005]

LOCATION ID: EXISTING CAB 49



- BLUE (1)
- ORANGE (2)
- GREEN (3)
- BROWN (4)
- SLATE (5)
- WHITE (6)
- RED (7)
- BLACK (8)
- YELLOW (9)
- VIOLET (10)
- ROSE (11)
- AQUA (12)

COLOR PLOT

NOTES:

1. CONTRACTOR SHALL VERIFY THE CORRECT ORIENTATION OF THE BACKBONE CABLE PRIOR TO SPLICING.

LEGEND

- FIBER OPTIC JUMPER, SINGLE MODE
- FIBER OPTIC FUSION SPLICE
- FIBER COIL
- FIBER OPTIC TERMINATION

MODEL: DP_SHEET_V
 FILE NAME: C:\TRANSSYSTEMS\PIV_LOCAL\TRANSSYSTEMS\PIV-021\DWG\235662R19-SHT-ITS-SPLICE-02.DWG

ATLAS
 ATLAS TECHNICAL CONSULTANTS, LLC
 100 S. WACKER DRIVE, SUITE 400
 CHICAGO, IL 60606

USER NAME = SALASL	DESIGNED - JAM	REVISED -
PLOT SCALE = 0.16666667 / IN.	DRAWN - AJW	REVISED -
PLOT DATE = 11/12/2025	CHECKED - DJM	REVISED -
	DATE - 11/12/2025	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-80 SPlice DETAILS	
SCALE: N.T.S.	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	FAI 80 21 VLS	VARIOUS	467	400
CONTRACT NO. 62R19				
ILLINOIS FED. AID PROJECT				