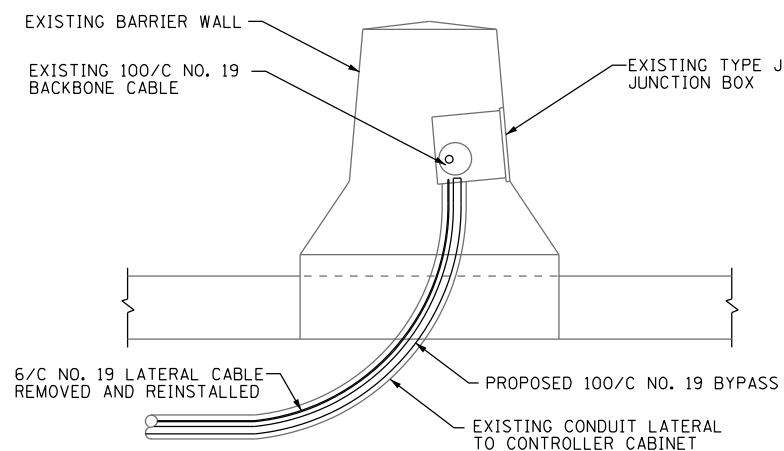
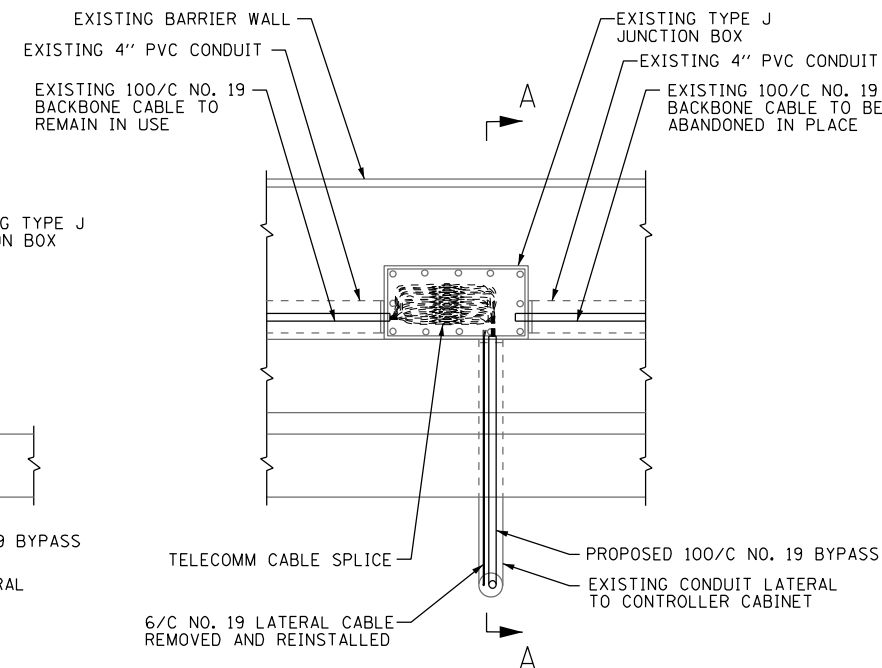


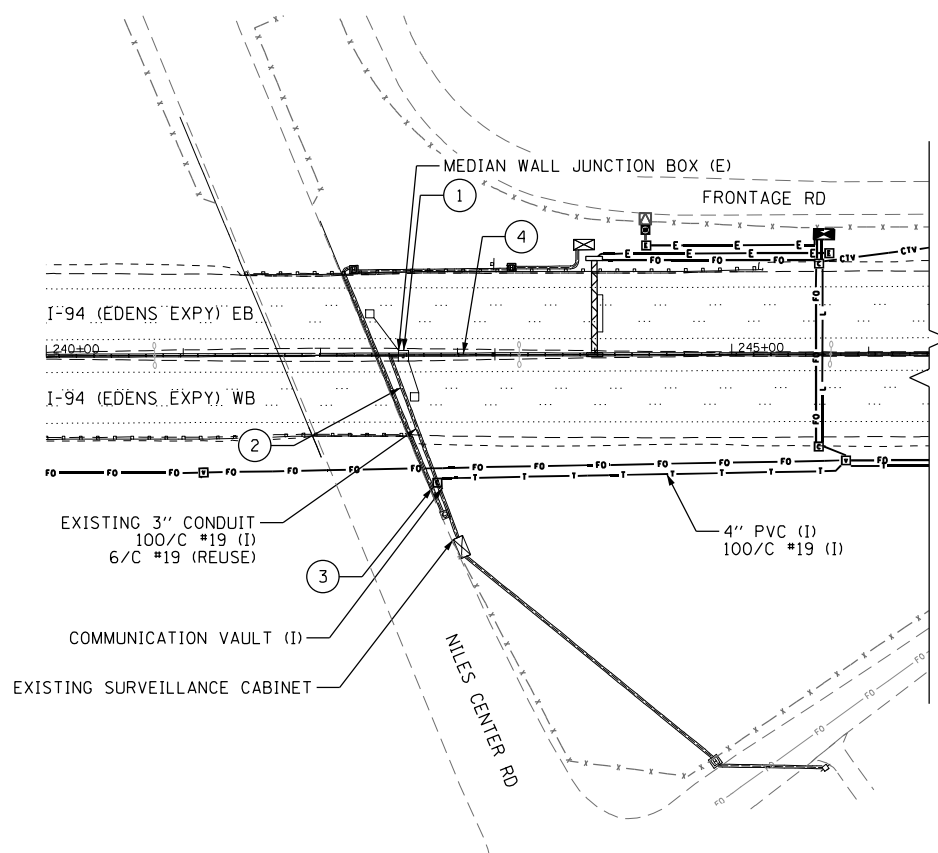
MEDIAN WALL TELECOMM JUNCTION BOX SPLICE
NOT TO SCALE



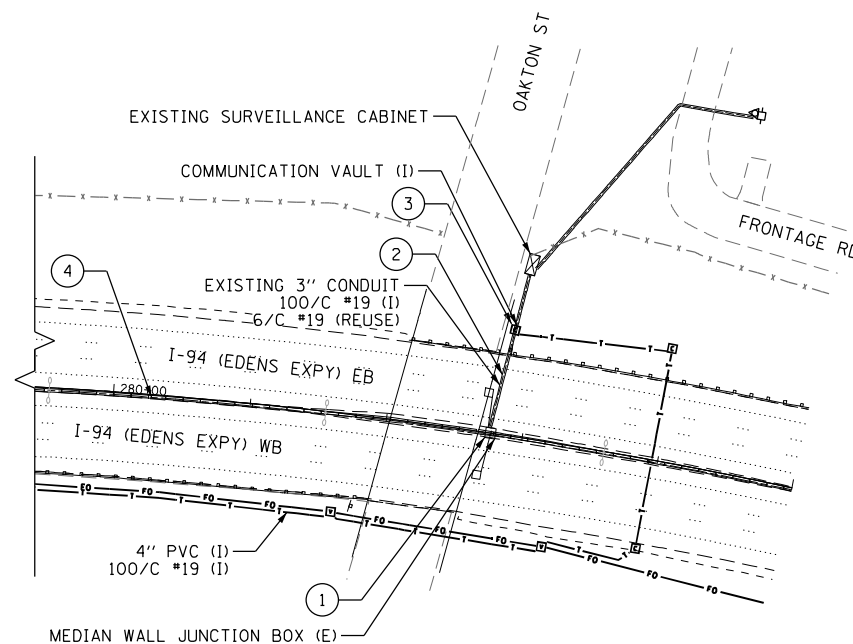
SECTION A-A
NOT TO SCALE



EXISTING MEDIAN WALL JUNCTION BOX DETAIL
NOT TO SCALE



NILES CENTER DMS BYPASS DETAILS
OTHER LOCATIONS SIMILAR; NOT TO SCALE



BYPASS SCOPE CALLOUTS:

- ① EXISTING MEDIAN WALL TELECOMM JUNCTION BOX.
 - A. SEVER EXISTING 100 CONDUCTOR, 19 AWG CABLE IN JUNCTION BOX AND ABANDON IN PLACE THE CABLE SECTION THROUGH THE NEW DMS SIGN.
 - B. DOCUMENT CONDUCTOR COLOR CODING AND EXISTING LATERAL CONNECTIONS TO SURVEILLANCE CABINET.
 - C. SPLICE NEW BYPASS TELECOMMUNICATION CABLE AND EXISTING LATERAL 6 CONDUCTOR CABLE FOR SURVEILLANCE CABINET TO THE EXISTING TRUNK 100 CONDUCTOR CABLE THAT REMAINS.
- ② EXISTING 3" LATERAL CONDUIT.
 - A. PULL OUT EXISTING LATERAL 6 CONDUCTOR 19 AWG CABLE FOR SURVEILLANCE CABINET. CABLES SHALL BE REUSED.
 - B. PULL NEW 100 CONDUCTOR AND EXISTING 6 CONDUCTOR CABLES THROUGH THE 3" CONDUIT TO THE MEDIAN WALL JUNCTION BOX.
- ③ NEW COMMUNICATION VAULT.
 - A. MODIFY EXISTING 3" LATERAL CONDUIT INTO AND OUT OF THE PROPOSED COMMUNICATION VAULT.
 - B. ROUTE NEW 100 CONDUCTOR BYPASS CABLE FROM THE 3" LATERAL CONDUIT INTO THE PROPOSED 4" DUCT. NO SPLICING ALLOWED.
 - C. ROUTE THE EXISTING 6 CONDUCTOR SURVEILLANCE CABLE FROM THE SURVEILLANCE CABINET THROUGH HAND HOLE TO THE MEDIAN JUNCTION BOX.
- ④ ABANDON IN PLACE EXISTING 100/C 19 AWG TELECOMM CABLE.

NOTES:

1. THE BYPASS CABLE WILL INTERCEPT AND CONNECT TO THE EXISTING MEDIAN CABLE IN AN EXISTING MEDIAN WALL JUNCTION BOX. THE BYPASS CABLE WILL TRAVEL TO THE ROADSIDE VIA AN EXISTING 3" CONDUIT AND RUN PARALLEL TO THE ROADWAY IN A PROPOSED 4" CONDUIT TO THE NEXT MEDIAN JUNCTION BOX.
2. NILES CENTER ROAD DMS SIGN DETAILS SHOWN. OTHER LOCATIONS SIMILAR, SEE ITS PLANS FOR BYPASS LOCATIONS.
3. EXISTING 100 CONDUCTOR 19 AWG TELECOMMUNICATION CABLE SHALL BE SEVERED AND ABANDONED IN PLACE BETWEEN JUNCTION BOXES.
4. THE CONTRACTOR SHALL SUBMIT A DETAILED PLAN FOR EACH BYPASS CUTOVER THAT WILL MINIMIZE THE DOWNTIME FOR EACH BYPASS TO ONE WEEKEND (FRIDAY 8:00 PM - MONDAY 5:00 AM).
5. THE NEW TELECOMMUNICATION BYPASS CABLE SHALL BE CONTINUOUS FROM JUNCTION BOX TO JUNCTION BOX, NO SPLICES ARE ALLOWED.

p:\US\ASB-APP\666CS_jacobson\com\Niles\Documents\194\194_U.S.-41\194\928680\780\adda713\tr\62079 (Fiber)\H1B.DIP\9137613-sheet-DET-18.DMS telecom bypass detail.dgn

Jacobs

USER NAME = zvolanjj	DESIGNED - DAD	REVISED -
PLOT SCALE =	DRAWN - DU	REVISED -
PLOT DATE = 2/27/2020	CHECKED - CRH	REVISED -
	DATE - 02/28/2020	REVISED -

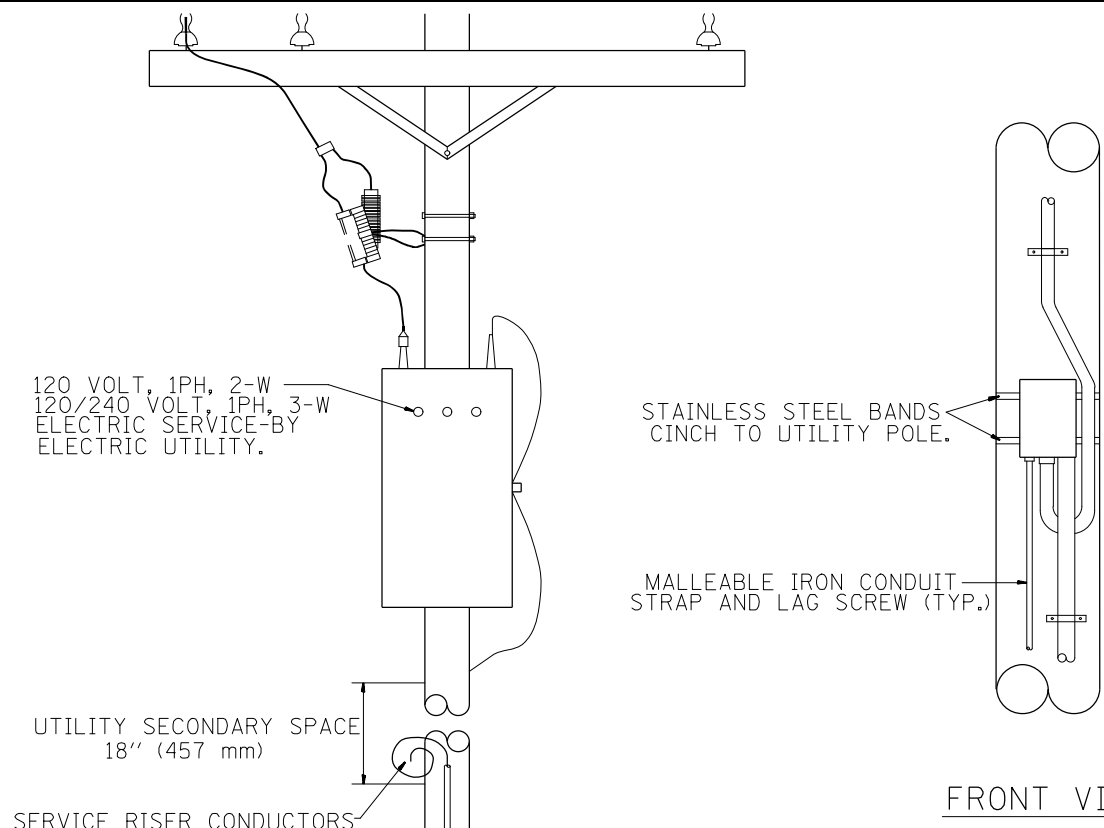
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TELECOMM BYPASS DETAIL

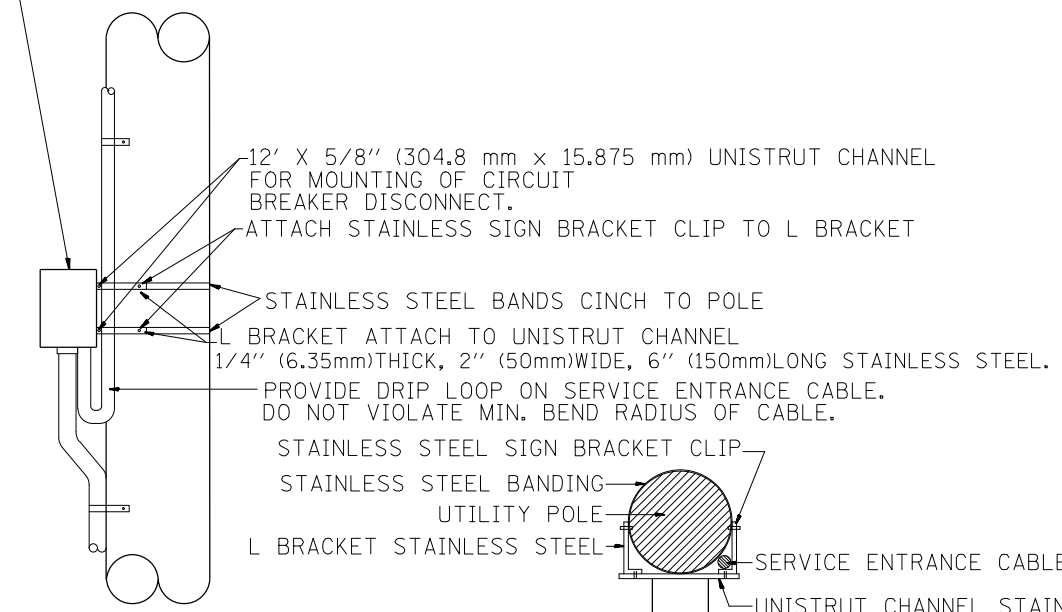
SCALE: NTS SHEET 18 OF 23 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	201
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

DET-18



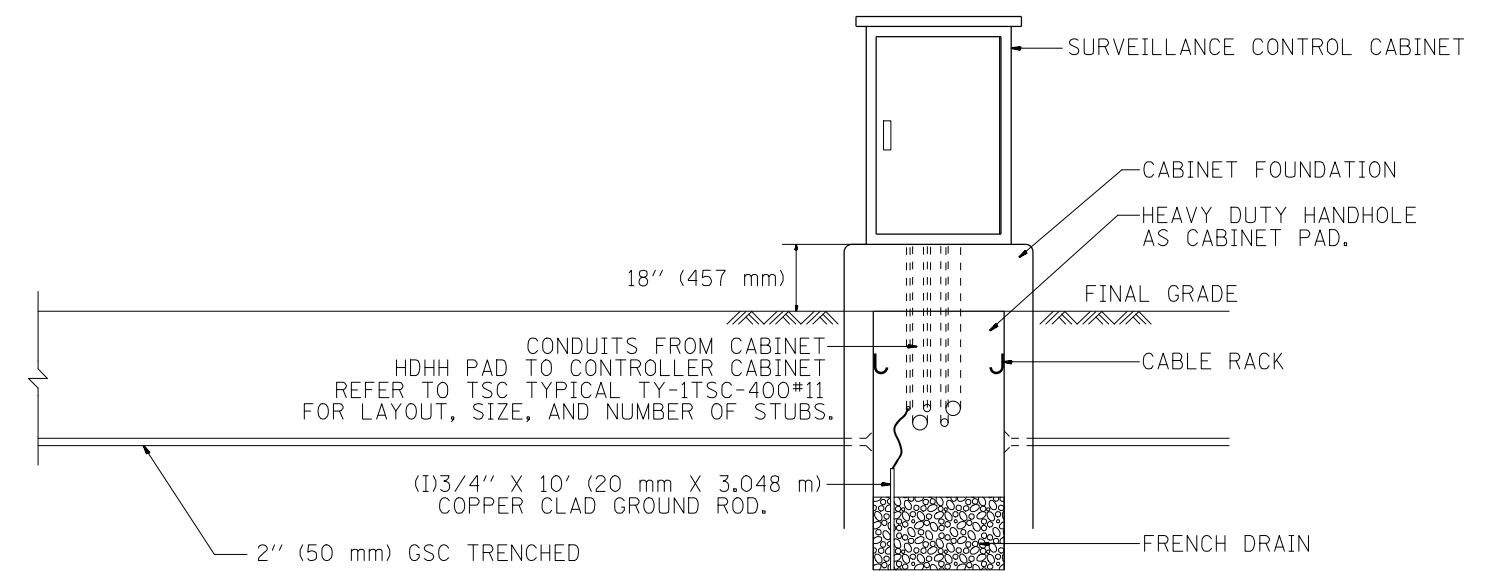
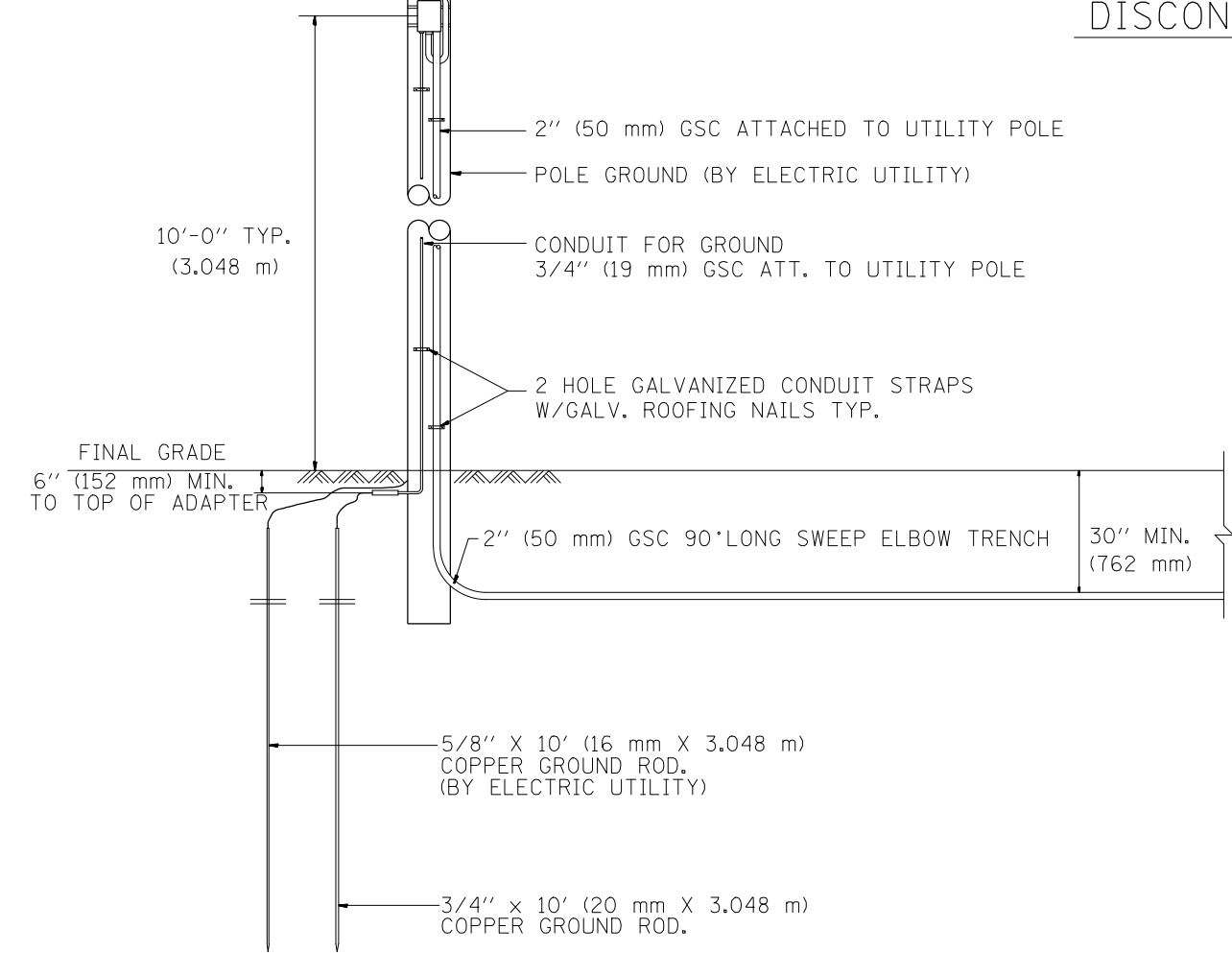
18"H X 12"W X 8"D (450 mm X 300 mm X 200 mm)
CIRCUIT BREAKER/DISCONNECT IN NEMA 4X ENCLOSURE.

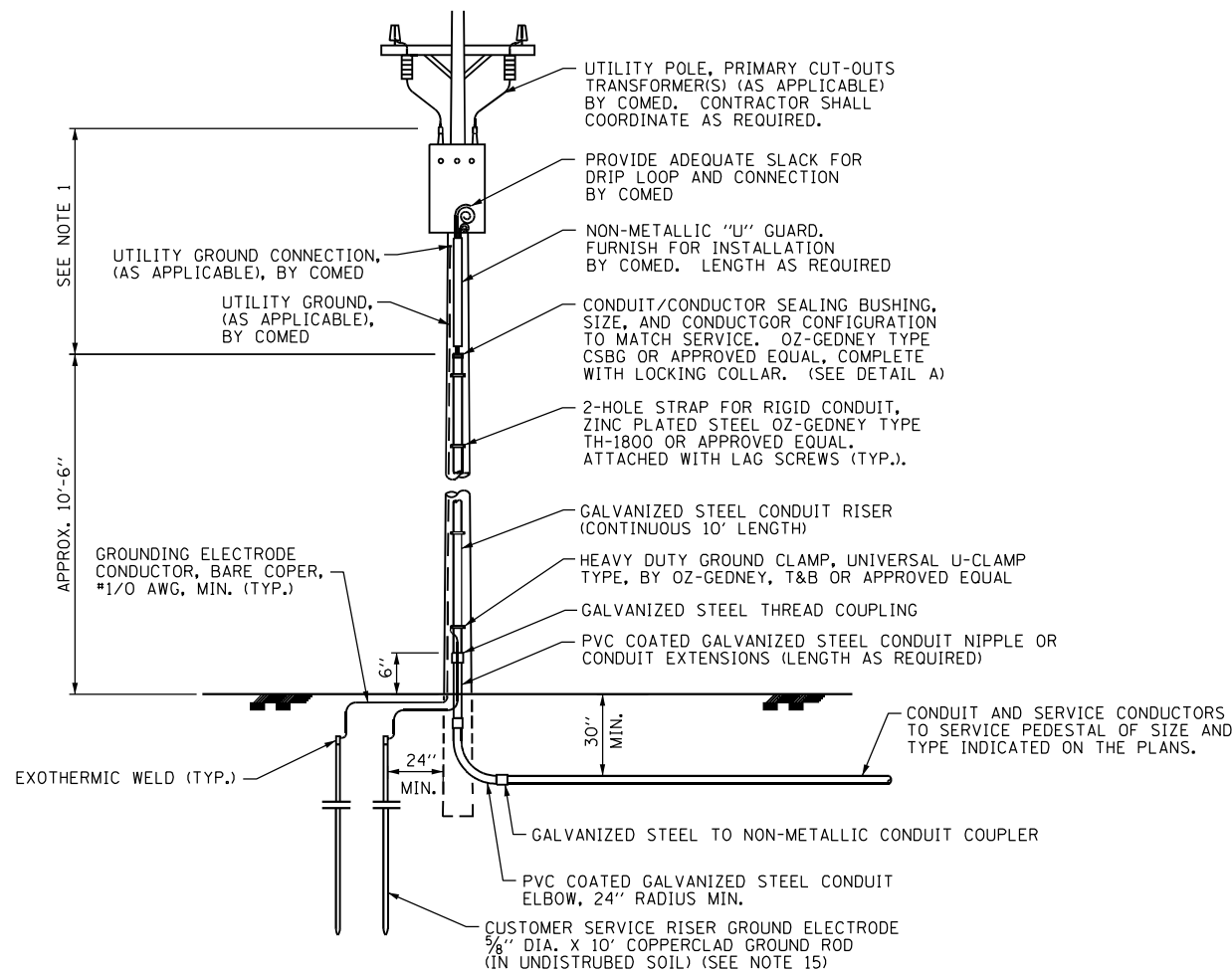


- NOTES:**
- 1.- ALL CONDUIT BUSHINGS SHALL HAVE AN ISOLATED THROAT.
 - 2.- PROVIDE HEAT SHRINK BOOT AT THE TOP OF THE SERVICE ENTRANCE CABLE FOR MOISTURE PROOFING.
 - 3.- ALL CONNECTIONS TO GROUND RODS SHALL BE EXOTHERMIC UNLESS OTHERWISE NOTED.
 - 4.- ATTACH INCOMING ELECTRIC SERVICE CABLE TO UTILITY POLE EVERY 5 FEET USING INSULATED U-NAIL.
 - 5.- PROVIDE CABLE RACK IN HANDHOLES.
 - 6.- ALL CONDUCTORS SHALL BE COPPER.
 - 7.- PROVIDE STAINLESS STEEL HARDWARE TO ATTACH L BRACKETS TO UNISTRUT AND TO SIGN HANGER.

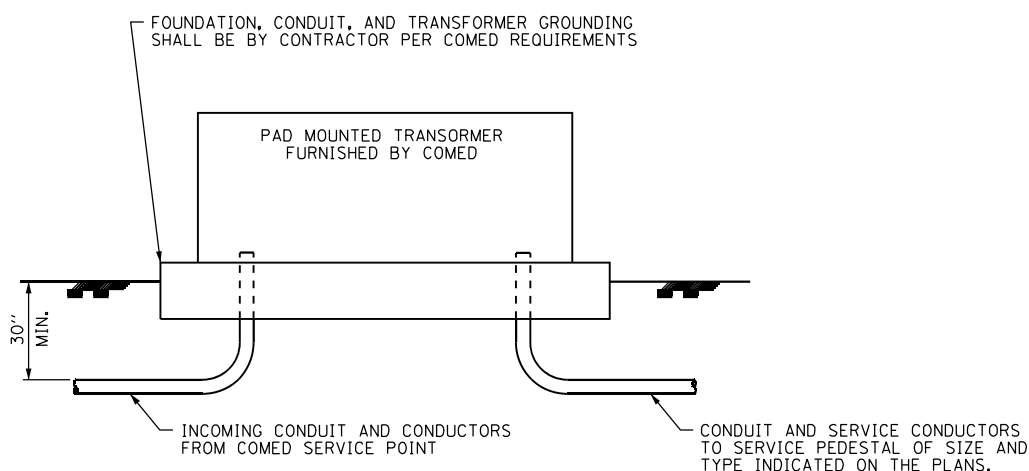
FRONT VIEW SIDE VIEW TOP VIEW

NTS
DISCONNECT MOUNTING DETAIL





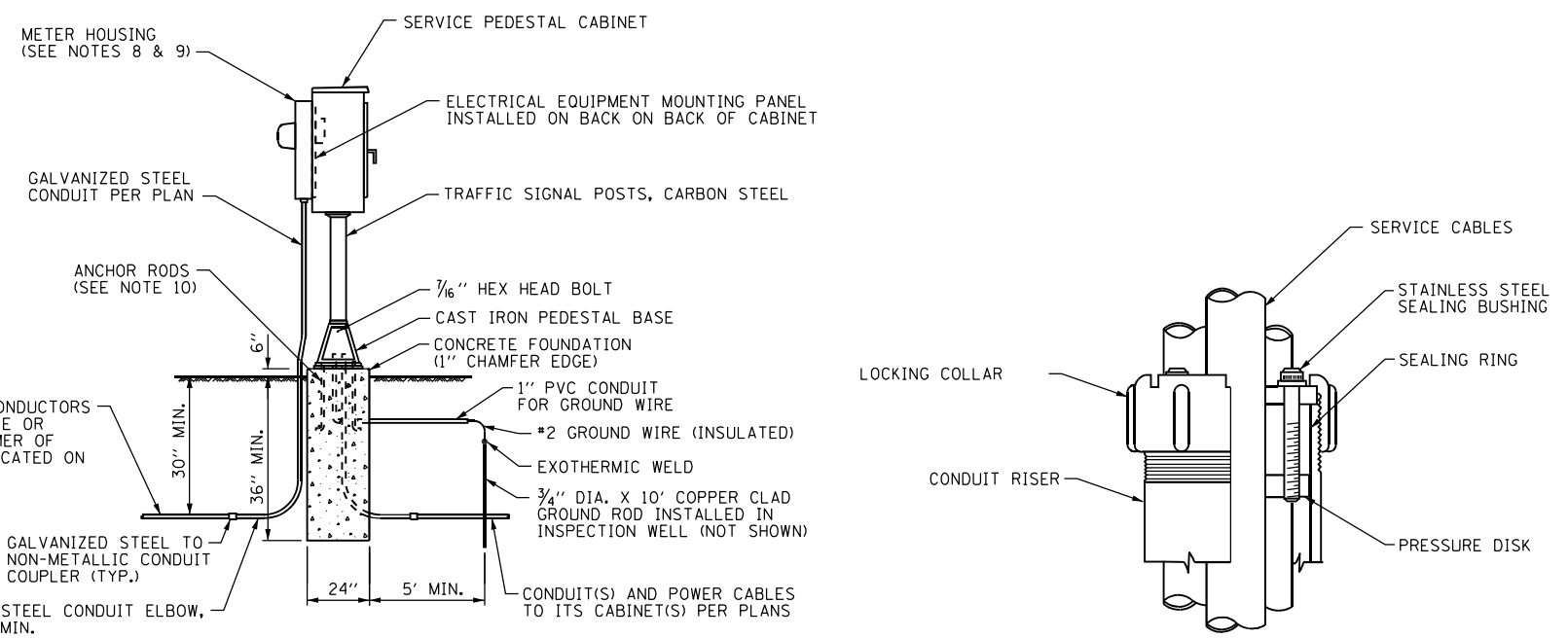
UTILITY SERVICE POLE



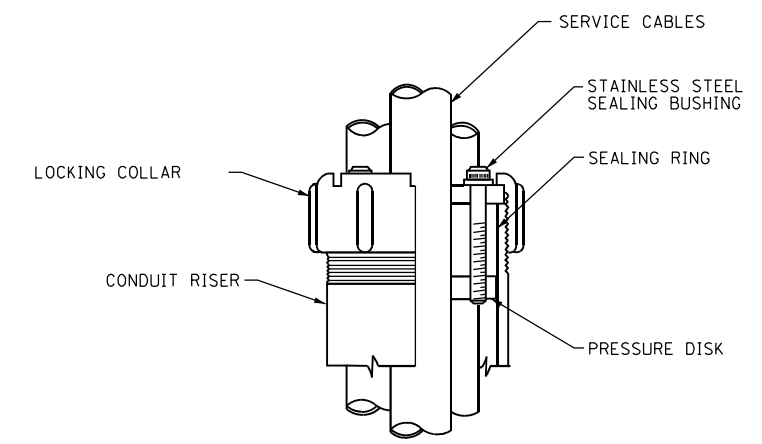
UTILITY PAD-MOUNTED TRANSFORMER

NOTES:

1. ASCERTAIN AND ASSURE CLEARANCE FROM UTILITY SECONDARY SPACE AS APPLICABLE.
2. CABINET SHALL BE FABRICATED ALUMINUM NEMA TYPE 3R WITH MINIMUM THICKNESS OF 0.1875", MINIMUM INTERIOR CABINET SPACE SHALL BE 36" X 20"W X 15" D.
3. THE CABINET DOOR SHALL BE HINGED ON THE RIGHT SIDE WHEN FACING THE CABINET. THE DOOR SHALL BE FURNISHED WITH A GASKET THAT SHALL FORM A WEATHER TIGHT SEAL BETWEEN THE CABINET AND DOOR. THE HINGES SHALL BE CONTINUOUS AND BOLTED TO THE CABINET AND DOOR UTILIZING 1/4-20 STAINLESS STEEL CARRIAGE BOLTS AND NY-LOCKNUTS. THE HINGES WILL BE MADE OF STAINLESS STEEL WITH A 0.25 INCH (6.35 mm) DIAMETER STAINLESS STEEL HINGE PIN. THE HINGE PIN SHALL BE CAPPED TOP AND BOTTOM BY WELD TO RENDER IT TAMPER PROOF.
4. THE LATCHING MECHANISM SHALL BE A 3 POINT DRAW ROLLER TYPE. THE CENTER CATCH AND PUSHRODS SHALL BE EITHER CADMIUM OR ZINC PLATED, TYPE II CLASS I. PUSHRODS WILL BE TURNED EDGEWISE AT THE OUTWARD SUPPORTS AND SHALL BE 0.25 INCH BY 0.75 INCH, MINIMUM. ROLLERS SHALL HAVE A MINIMUM DIAMETER OF 0.875 INCH AND WILL BE MADE OF NYLON. THE CENTER CATCH SHALL BE FABRICATED FROM 0.14 INCH (3.55 mm) STEEL, MINIMUM. WHEN THE DOOR IS CLOSED AND LATCHED, IT WILL BE LOCKED. THE LATCHING HANDLE SHALL HAVE A PROVISION FOR PADLOCKING IN THE CLOSED POSITION. AN OPERATING HANDLE SHALL BE FURNISHED WITH EACH LOCK. THE HANDLE WILL BE STAINLESS STEEL WITH A 0.75 INCH DIAMETER SHANK.
5. CABINET DOOR SHALL NOT HAVE COMPARTMENT DOORS OR LOUVERS.
6. ALL FIELD CABINETS SHALL BE FITTED WITH BRASS LOCKS.
7. POST TOP MOUNTED CABINETS, SHALL HAVE A 0.25 INCH BOTTOM OF CABINET WELDED.
8. METER HOUSING SHALL BE MOUNTED TO BACK WALL OF SERVICE PEDESTAL CABINET.
9. CABLES FROM METER HOUSING SHALL PASS THROUGH BACK WALL OF OF CABINET.
10. CONTRACTOR SHALL COORDINATE WITH PEDESTAL BASE MANUFACTURER AND FURNISH COMPATIBLE ANCHOR BOLTS.
11. ALL EQUIPMENT SHALL BE GROUNDED AND BONDED IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE AND NATIONAL ELECTRICAL SAFETY CODE.
12. UNLESS OTHERWISE INDICATED, ITEMS AND WORK SHOWN ON THIS SHEET SHALL BE INCLUDED UNDER PAY ITEM "ELECTRIC SERVICE INSTALLATION".
13. CONDUIT AND SERVICE CONDUCTORS SHALL BE OF THE SIZE AND TYPE INDICATED ON THE PLANS.
14. PVC COATED RACEWAYS AND ACCESSORIES SHALL BE INSTALLED WITH MANUFACTURER RECOMMENDED TOOLS AND PROCEDURES TO AVOID DAMAGE. ANY DAMAGED COMPONENTS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
15. THE CONTRACTOR SHALL OBTAIN INSPECTION AND APPROVAL BY THE ENGINEER OF THE SERVICE RISER GROUND ELECTRODE, RISER ELBOW, NIPPLE, AND CONNECTION TO SERVICE CONDUCTOR RACEWAY EXTENSION PRIOR TO BACK FILLING AND SHALL ALSO OBTAIN INSPECTION OF SERVICE RISER AND SEALING BUSHING BEFORE UTILITY "U" GUARD INSTALLATION AND SERVICE CONNECTION.
16. PLANS AND DETAILS INDICATE THE GENERAL NATURE AND REQUIREMENTS OF ELECTRIC SERVICE INSTALLATION. THEY DO NOT SHOW EVERY ACCESSORY AND ATTACHMENT, AND THEY DO NOT RELIEVE THE CONTRACTOR OF THE REQUIREMENTS OF THE SPECIFICATIONS AND SPECIAL PROVISIONS IN TO ASCERTAIN UTILITY REQUIREMENTS AND TO COORDINATE ACCORDINGLY. FURNISHING ALL ITEMS AND WORK NOT PROVIDED BY COMED, BUT NECESSARY FOR COMPLETE ELECTRIC SERVICE INSTALLATION IS REQUIRED AND SHALL BE INCLUDED IN PAY ITEM "ELECTRIC SERVICE INSTALLATION".



SERVICE PEDESTAL WITH METER



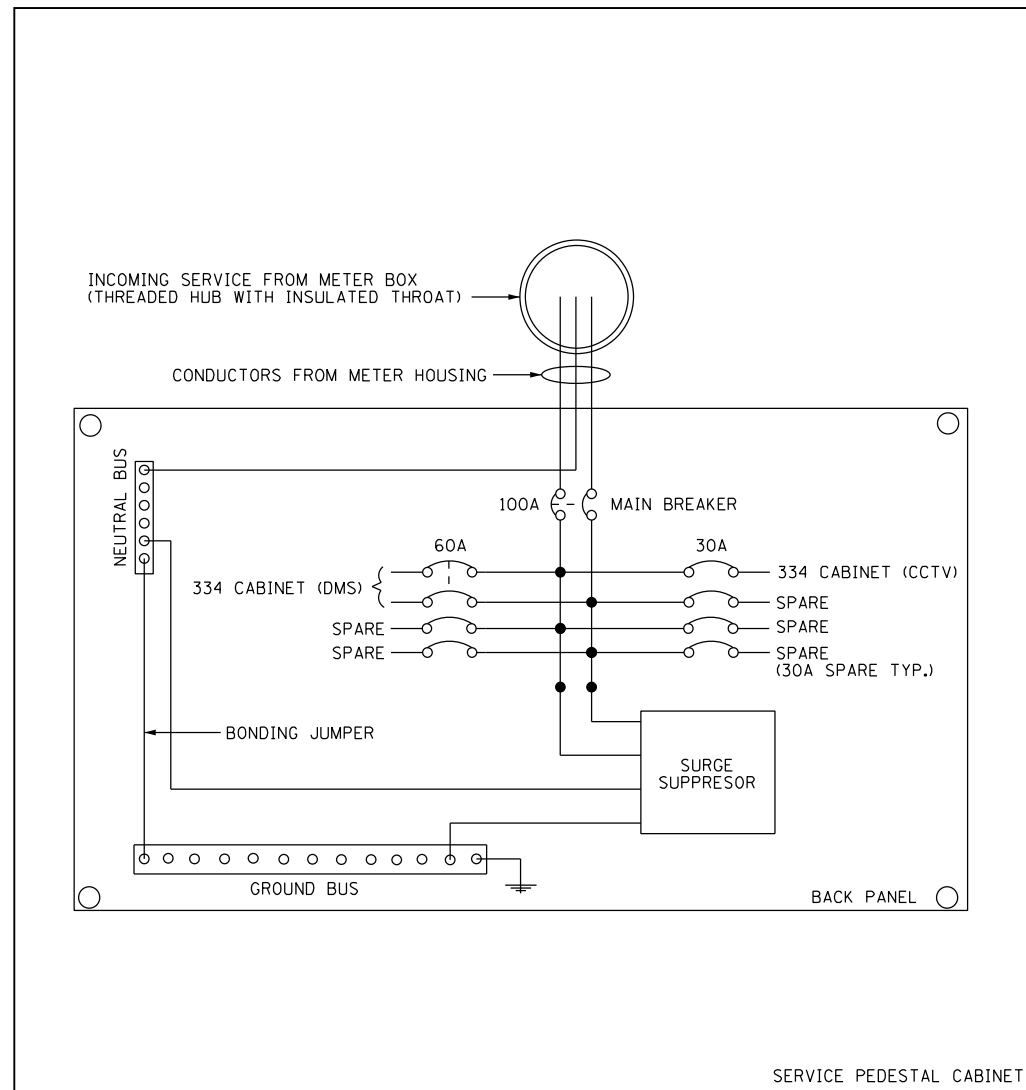
DETAIL A

DET-20

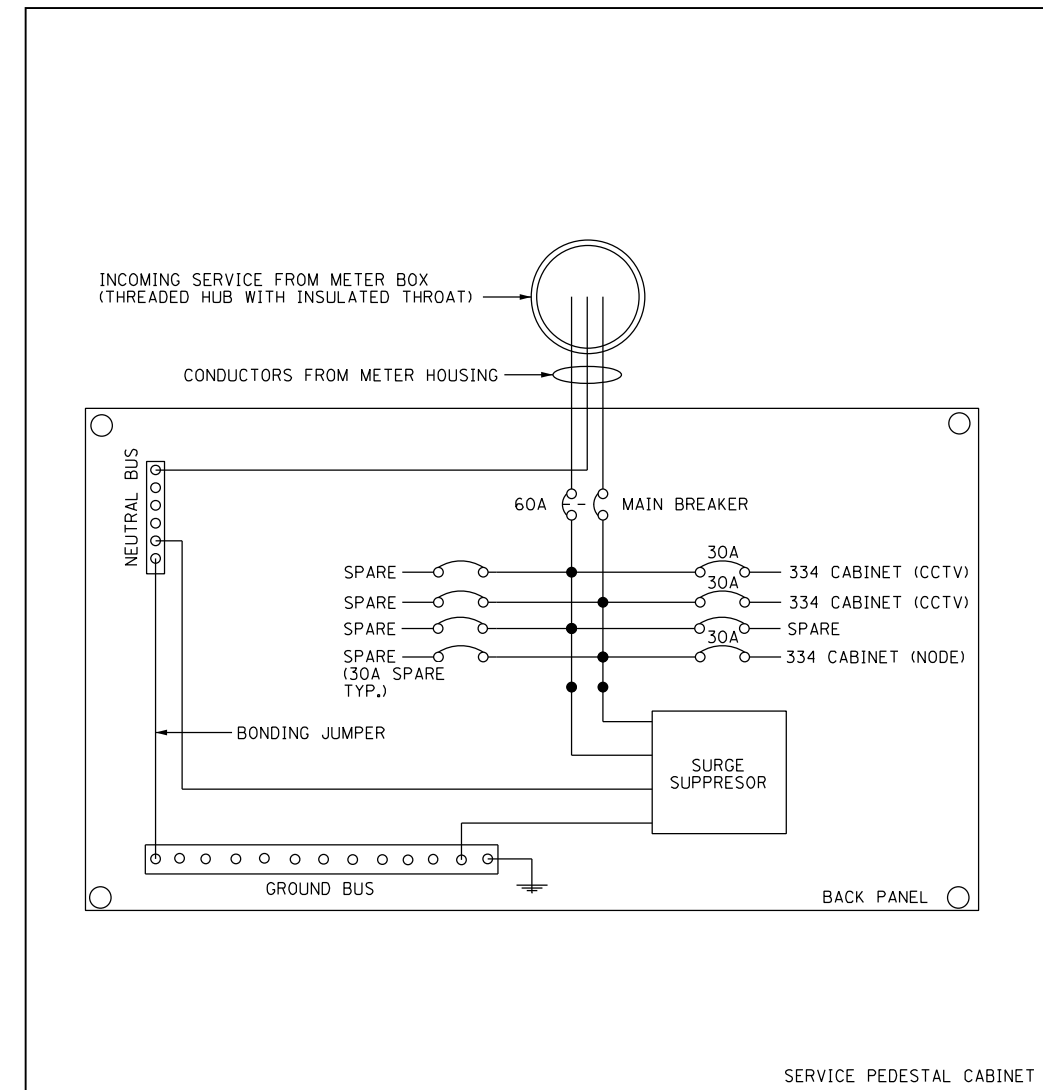
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	PLOT SCALE = #SCALE#	CHECKED - RAS	REVISED -			94	2016-068I	COOK/LAKE	388	203
	PLOT DATE = #DATE#	DATE - 02/28/2020	REVISED -			CONTRACT NO. 62079			ILLINOIS FED. AID PROJECT	
SCALE: NTS					SHEET 20 OF 23 SHEETS STA.		TO STA.			

NOTES:

1. CABINET SHALL BE EQUIPED WITH A MAIN BREAKER OF THE SIZE INDICATED FOR DEVICE LOCATIONS FED FROM THE CABINET PER THE PLANS. SEPERATE CIRCUIT BRAKERS SHALL BE INSTALLED FOR EACH DEVICE LOCATION FED FROM THE SERVICE PEDESTAL. THE NUMBER, SIZE, AND TYPE OF CICRCUIT BREAKERS VARIES BETWEEN SEVICE LOCATIONS.
2. THE ELECTRIC SERVICE EQUIPMENT ASSEMBLY SHALL BE UL LABELED, SUITABLE FOR USE AS SERVICE EQUIPMENT. CIRCUIT BREAKERS SHALL BE THERMAL MAGNETIC BOLT-ON TYPE WITH A MINIMUM INTERRUPTING CAPACITY OF 65,000 SYMETRICAL AMPERES AT 240 VOLTS. 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 240/120 VOLT SINGLE PHASE 60HZ AC ELECTRICAL SERVICE, WITH A SURGE ENERGY CAPABILITY OF >3600 JOULES OR BETTER AT 8/20 MICROSECONDS, RATED -40 TO 65 DEGREES C., WITH LED OPERATING INDICATORS, AND SHALL BE UL LISTED PER UL 1449, CUTLER-HAMMER CMOV 230L065XST OR APPROVED EQUAL.
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. THE HEADS OF GROUND SCREWS SHALL BE PAINTED GREEN. THE HEADS OF NEUTRAL SCREWS SHALL BE PAINTED WHITE.
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. A 2-COLOR ENGRAVED PLASTIC NAMEPLATE, ATTACHED WITH SCREWS, AND ENGRAVED AS INDICATED, SHALL BE PROVIDED FOR EACH MAIN BREAKER.



**SERVICE PEDESTAL CABINET WIRING AND EQUIPMENT LAYOUT
DMS LOCATIONS**



**SERVICE PEDESTAL CABINET WIRING AND EQUIPMENT LAYOUT
CCTV CAMERA AND ITS NODE LOCATIONS**

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

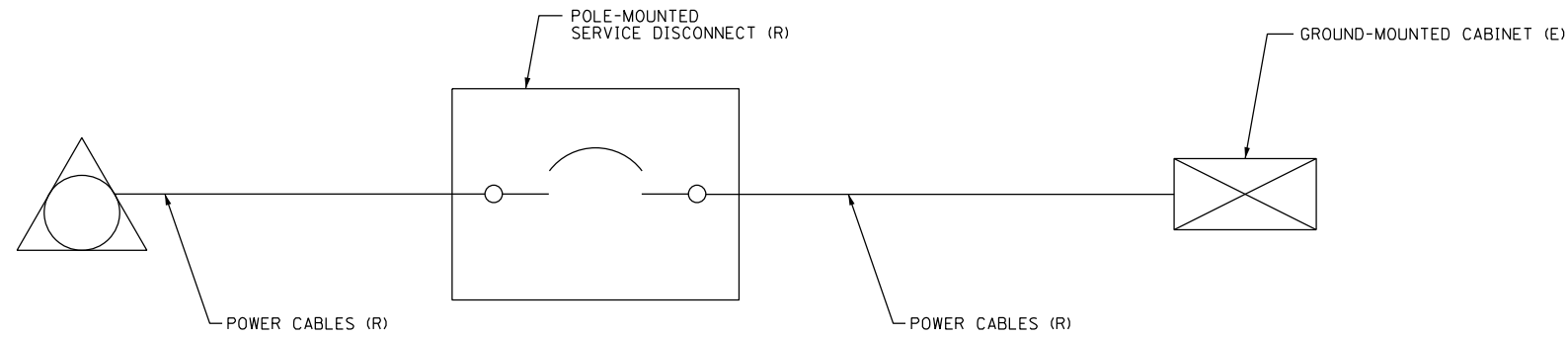
**ELECTRIC SERVICE INSTALLATION DETAILS
SHEET 2 OF 2**

SCALE: NTS SHEET 21 OF 23 SHEETS STA. TO STA.

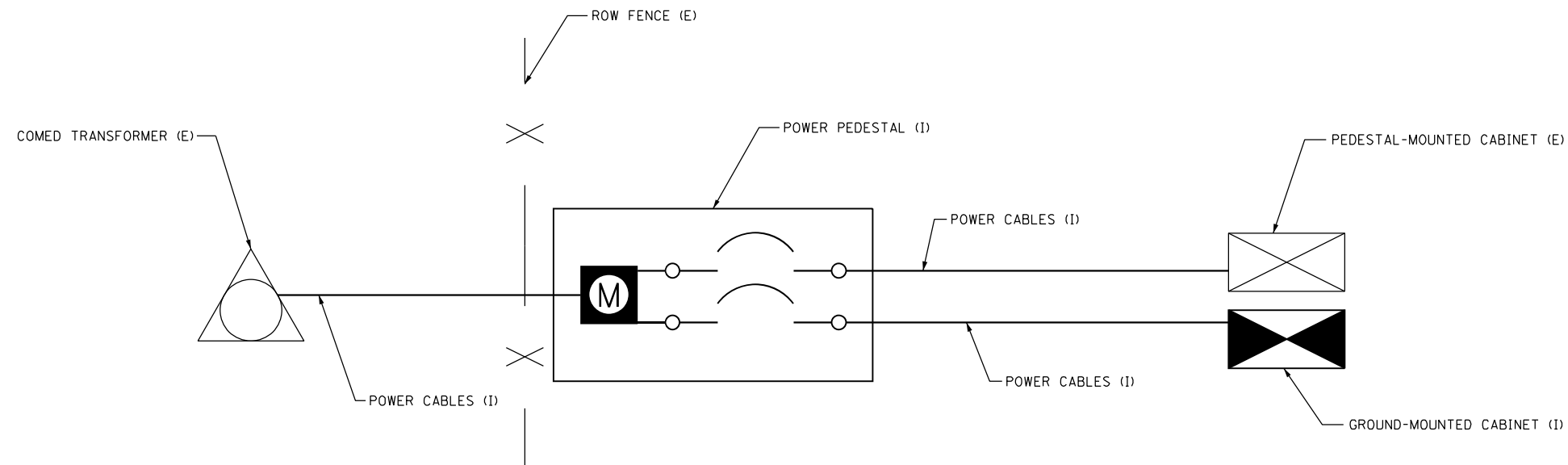
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94	2016-068I	COOK/LAKE	388	204
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

DET-21

- NOTES:
1. THIS DETAIL IS TYPICAL FOR MODIFICATION OF AN EXISTING NONMETERED SERVICE.
 2. THE EXISTING CONDUIT INFRASTRUCTURE SHALL BE REUSED AND TIED INTO AS REQUIRED. POWER SHUTDOWNS REQUIRED FOR CONDUIT AND CABLE INSTALLATION SHALL BE COORDINATED WITH THE ENGINEER.



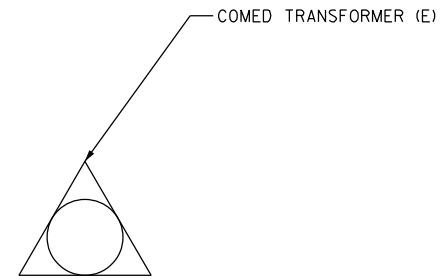
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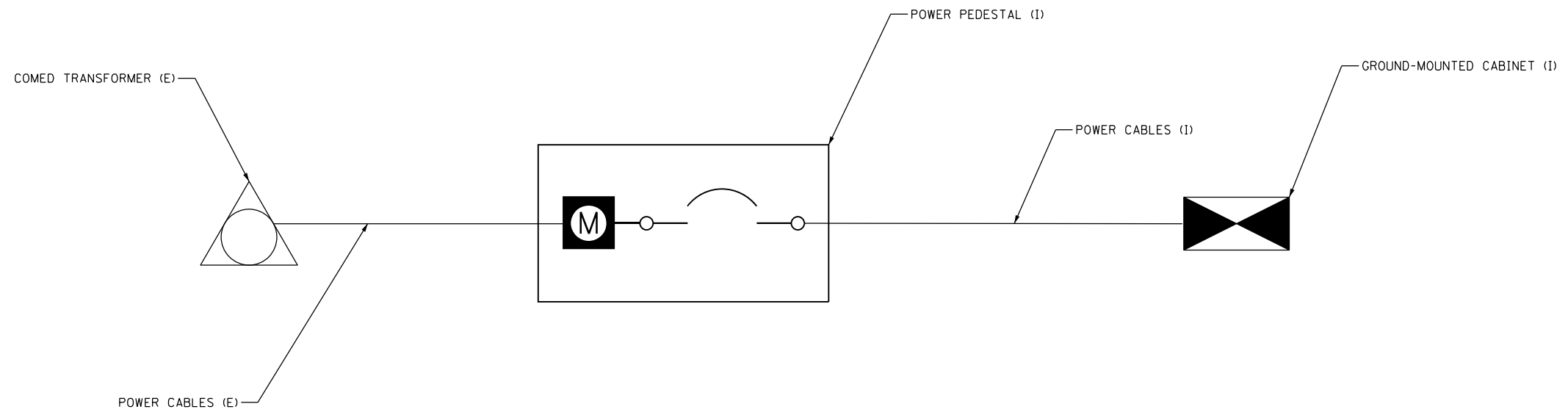
PROPOSED

DET-22

Jacobs	USER NAME = #USER#	DESIGNED - KM	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SERVICE METER RETROFIT SCHEMATIC	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	DATE - 02/28/2020	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE: NTS						SHEET 22 OF 23 SHEETS STA.		TO STA.		



EXISTING



PROPOSED

DET-23

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PLOT DATE = #DATE#	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NEW SERVICE SCHEMATIC

SCALE: NTS SHEET 23 OF 23 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	206
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications")

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

DESIGN STRESSES:

Field Units
 $f_c = 3,500$ p.s.i.
 $f_y = 60,000$ p.s.i. (reinforcement)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53.

All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer.

The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2)(d) of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

U-BOLTS AND EYEBOLTS: U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: Shall conform to ASTM F1554 Gr. 105.

CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Concrete Sealer in accordance with the Standard Specifications.

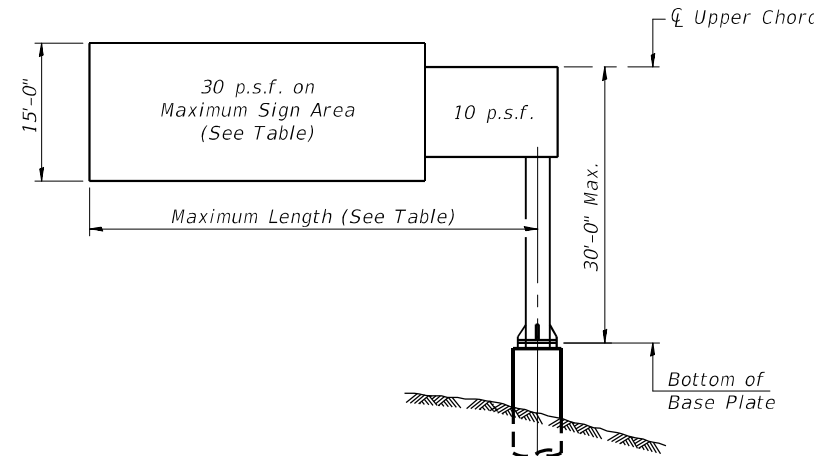
REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

FOUNDATIONS: The contract unit price for Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.

Structure Number	Station	Design Truss Type	Cantilever Length (L)	Elev. A	Dim. D	Ds	Total Sign Area
1C0161094L044.9	*	III-C-A	40'	577.85	9.0'	8.0'	240 SF
1C0491094L018.2	1355+00	III-C-A	35'	682.05	8.0'	8.0'	240 SF
1C0491094R016.2	1455+83	III-C-A	35'	697.87	8.0'	8.0'	240 SF

* LATITUDE: 41°56'58.25 LONGITUDE: 87°43'20.92

Truss Type	Maximum Sign Area	Maximum Length
I-C-A	170 Sq. Ft.	25 Ft.
II-C-A	340 Sq. Ft.	30 Ft.
III-C-A	400 Sq. Ft.	40 Ft.



DESIGN WIND LOADING DIAGRAM

Parameters shown are basis for I.D.O.T. Standards. Installations not within dimensional limits shown require special analysis for all components.

Note:

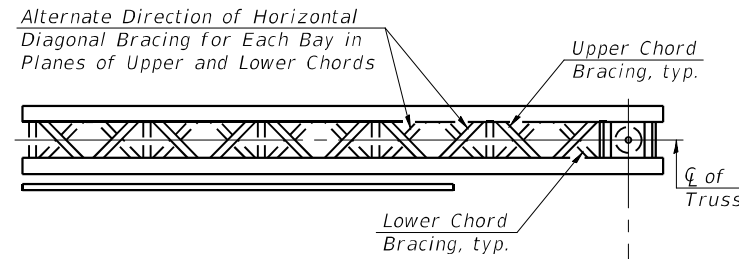
Trusses shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The contractor is responsible for maintaining the configuration and protection of the trusses.

- ① After adjustments to level truss and insure adequate vertical clearance, all top and leveling nuts shall be tightened against the base plate with a minimum torque of 200 lb.-ft. Stainless steel mesh shall then be placed around the perimeter of the base plate. Secure to base plate with stainless steel banding.

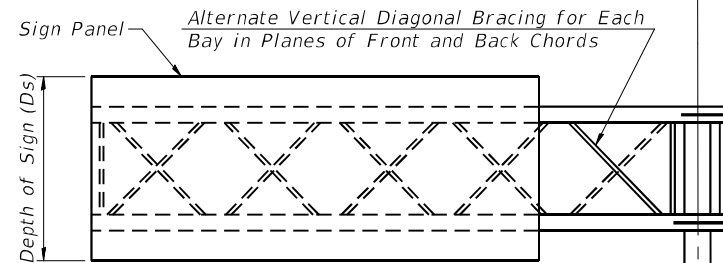
* If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for galvanizing and welding.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE CANTILEVER TYPE I-C-A	Foot	
OVERHEAD SIGN STRUCTURE CANTILEVER TYPE II-C-A	Foot	
OVERHEAD SIGN STRUCTURE CANTILEVER TYPE III-C-A	Foot	110
OVERHEAD SIGN STRUCTURE WALKWAY, TYPE A	Foot	106
ROCK EXCAVATION FOR STRUCTURES	Cu. Yds.	7
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	31.5



TYPICAL PLAN
(Walkway not shown)



TYPICAL ELEVATION

Looking in Direction of Traffic

Sign support structures may be subject to damaging vibrations and oscillations when sign panels are not in place during erection or maintenance of the structure. To avoid these vibrations and oscillations, consideration should be given to attaching temporary blank sign panels to the structure.

Elev. A = Elevation at point of minimum clearance to sign, walkway support or truss.

OSC-A-1

2-17-2017

Jacobs

USER NAME = patelhv	DESIGNED - JSD	REVISED -
PLOT SCALE =	DRAWN - JTB	REVISED -
PLOT DATE = 2/28/2020	CHECKED - JRB	REVISED -
	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

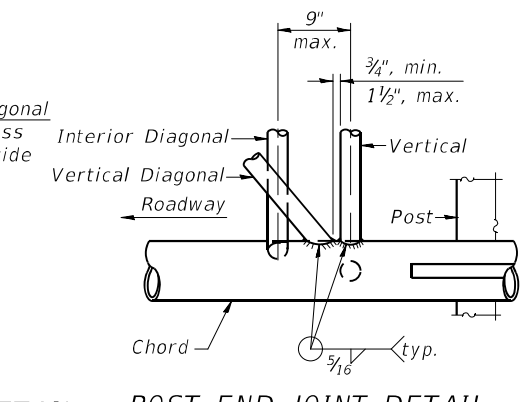
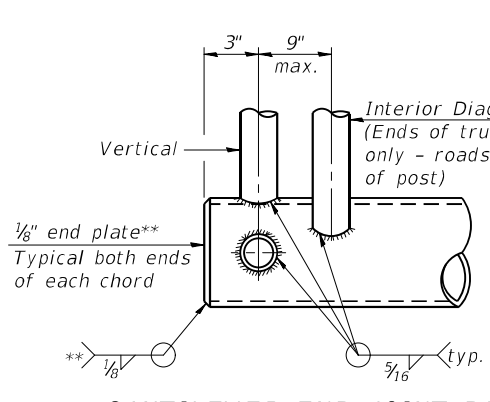
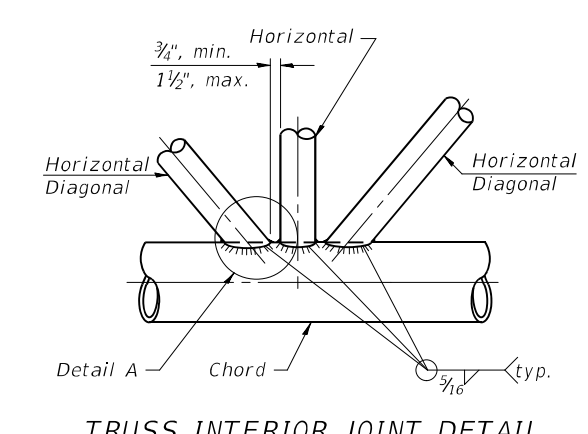
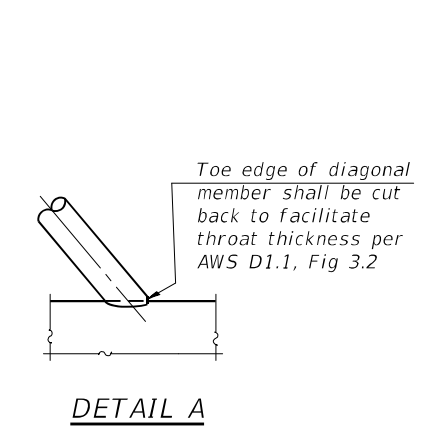
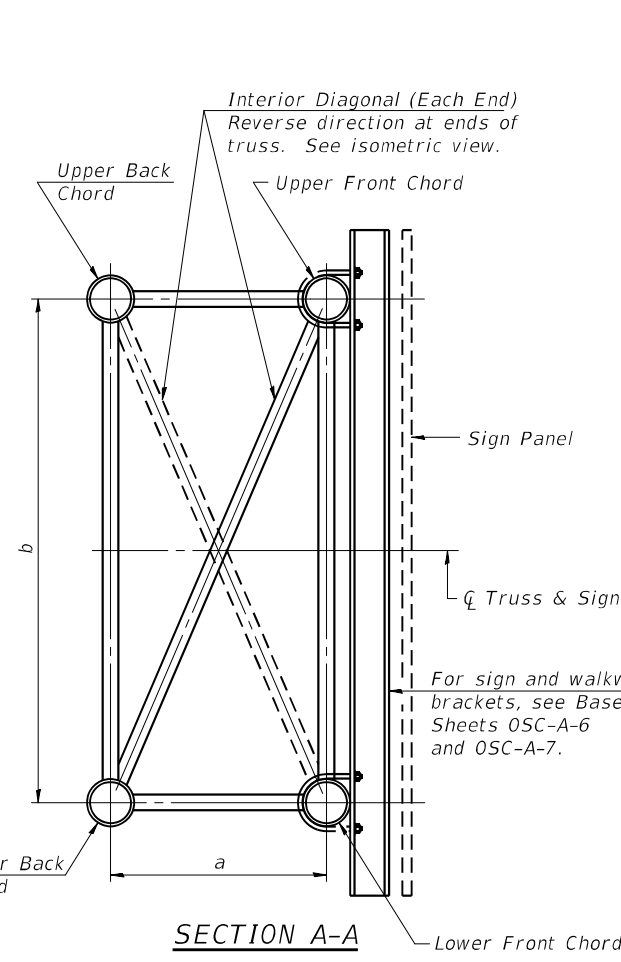
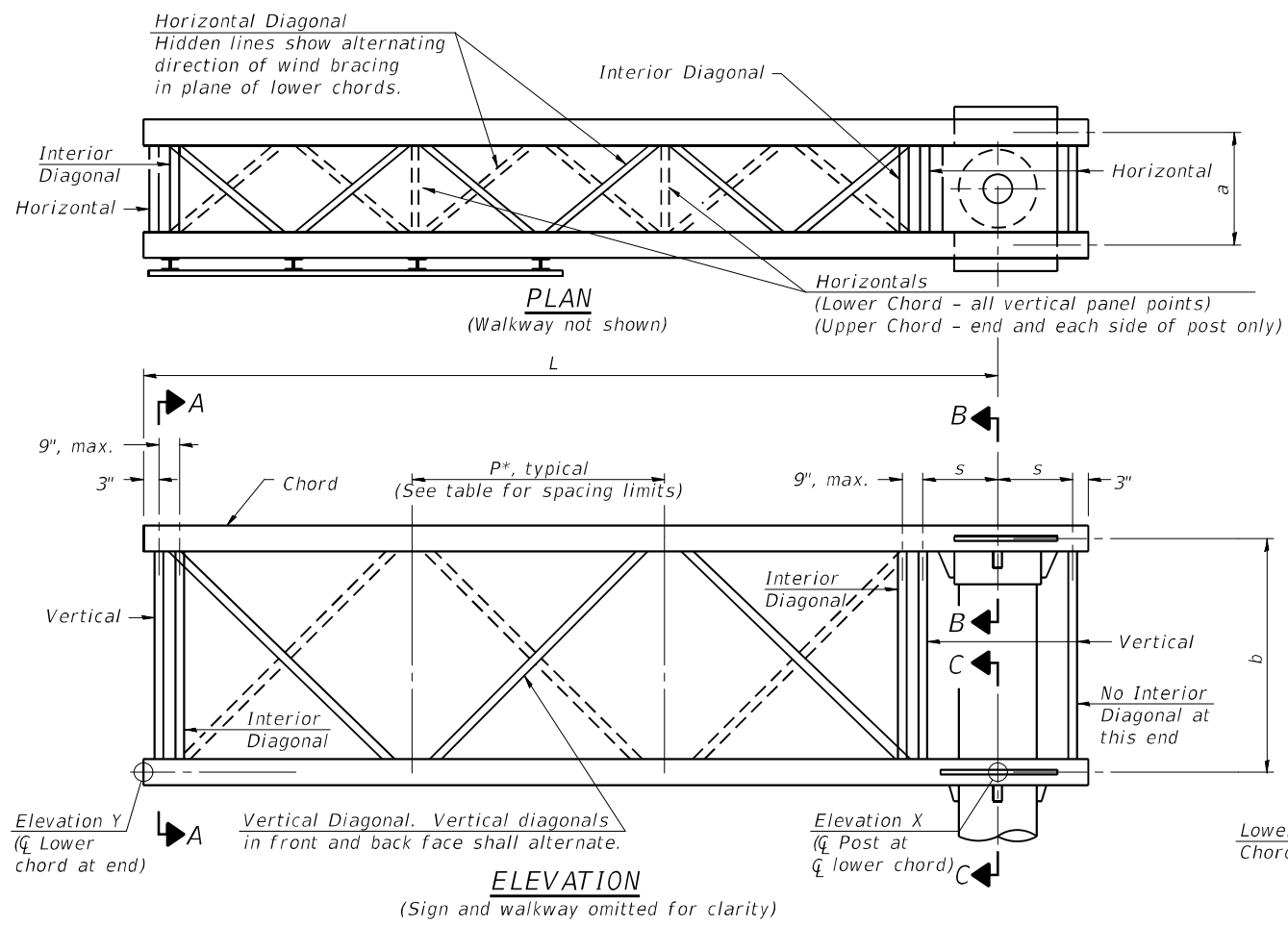
**CANTILEVER SIGN STRUCTURES - GENERAL PLAN & ELEVATION
ALUMINUM TRUSS & STEEL POST**

SCALE: NTS SHEET 1 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-0681	COOK/LAKE	388	207
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

STR-01

part:\US\ASB-APP\666CS_hecobtr.com\NA\Documents\CS\206600_1-94_U.S.-41\CX\206600\700-00-00\713-tr-06\62079 (Fiber)\G12.D162080-sh-L-DMS-SIGN-CANT_1.dgn



Note: For Section B-B and Section C-C, see Base Sheet OSC-A-3.

There are twice as many horizontal diagonals as there are vertical diagonals.

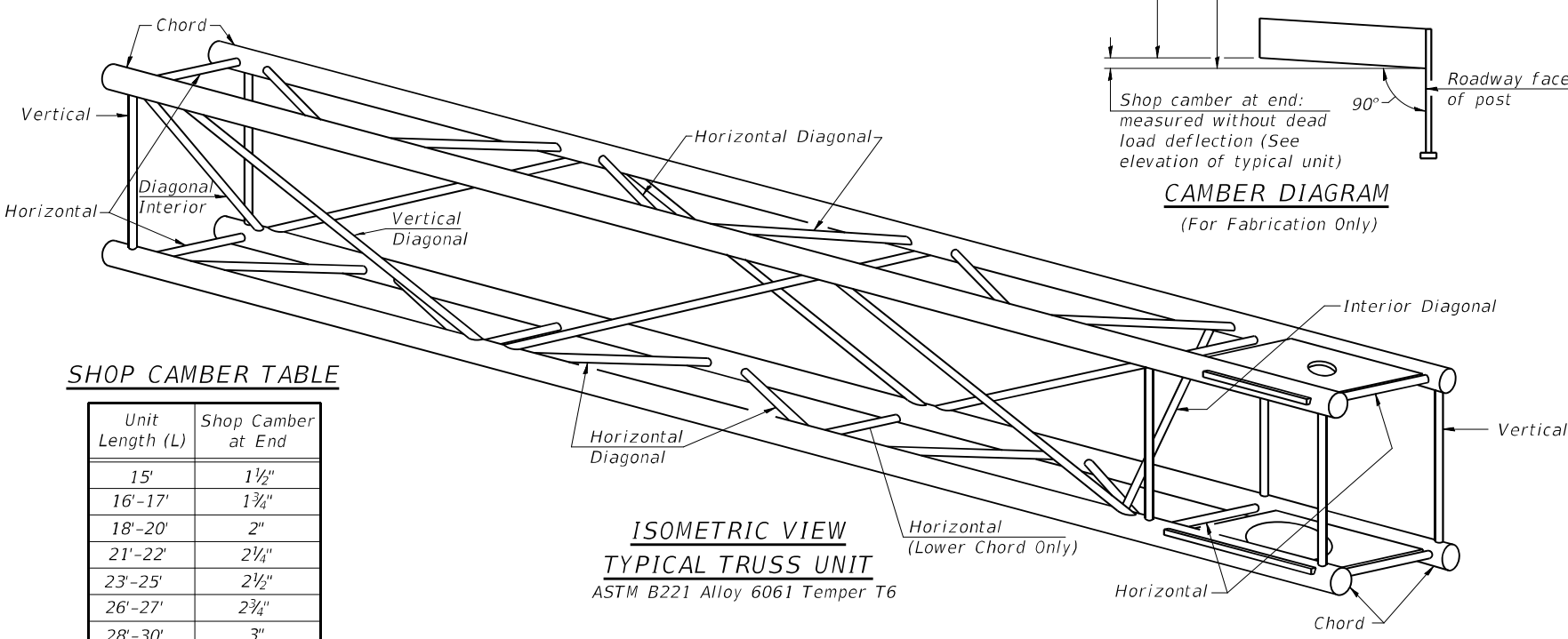
TRUSS UNIT TABLE

Truss Type	Dimension "a"	Dimension "b"	Dimension "s"	Limits for Panel Spacing (P)*	Up. & Low. Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals	
					O.D.	Wall	O.D.	Wall
I-C-A	24"	54"	16"	36" min. to 48" max.	5"	5/16"	2 1/2"	5/16"
II-C-A	36"	66"	21"	42" min. to 54" max.	6 1/2"	5/16"	3 1/4"	5/16"
III-C-A (35' Max.)	36"	84"	21"	48" min. to 66" max.	7"	3/8"	3 1/2"	3/8"
III-C-A (>35' to 40')	36"	84"	21"	48" min. to 66" max.	8"	3/8"	3 1/2"	3/8"

$$*p = \frac{L - s - 3"}{\# \text{ Panels}}$$

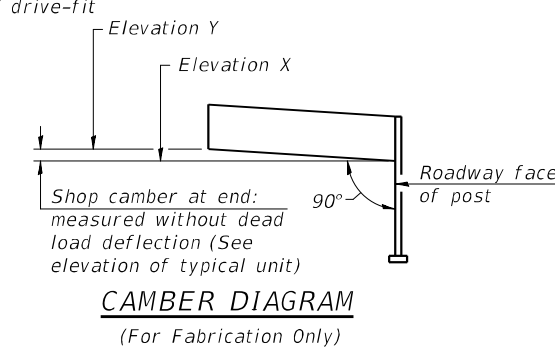
Structure Number	Station	Truss Type	Design Length (L)	Number of Panels Per Unit	Panel Length (P)*
IC016I094L044.9	**	III-C-A	40'	7	5'-5"
IC049I094L018.2	1355+00	III-C-A	35'	6	5'-6"
IC049I094R016.2	1455+83	III-C-A	35'	6	5'-6"

** LATITUDE: 41°56'58.25 LONGITUDE: 87°43'20.92



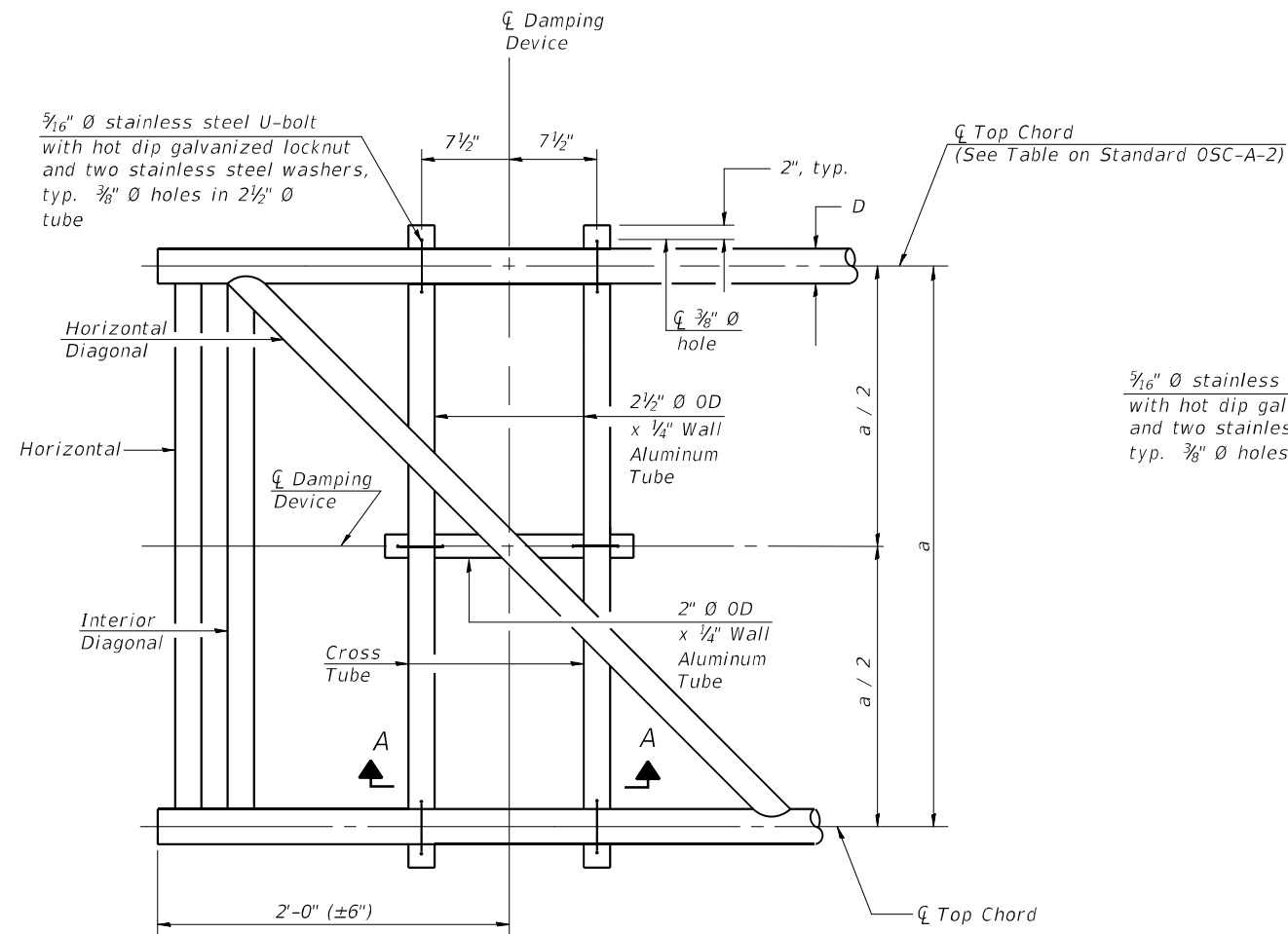
SHOP CAMBER TABLE

Unit Length (L)	Shop Camber at End
15'	1 1/2"
16'-17'	1 3/4"
18'-20'	2"
21'-22'	2 1/4"
23'-25'	2 1/2"
26'-27'	2 3/4"
28'-30'	3"
31'-32'	3 1/4"
33'-35'	3 1/2"
36'-37'	4"
38'-40'	4 1/2"

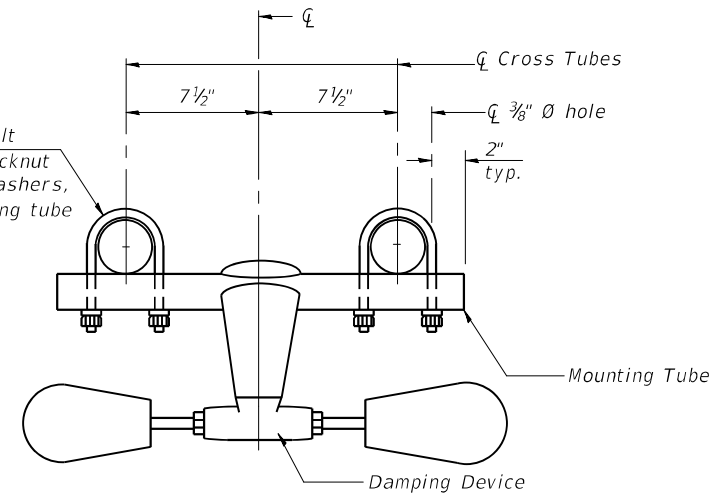


OSC-A-2

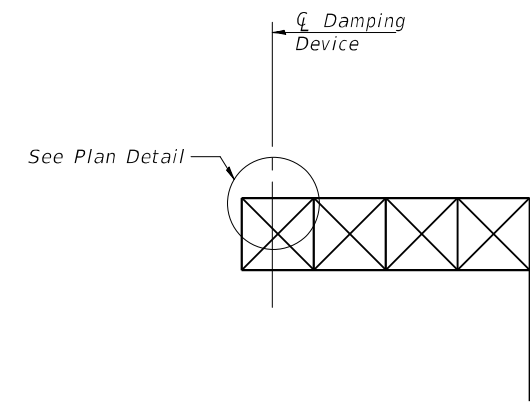
STR-02



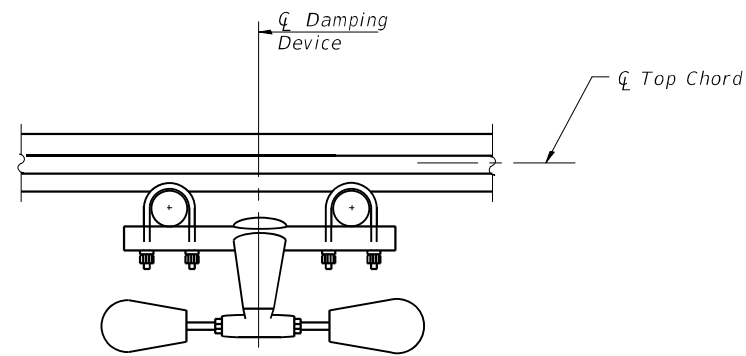
PLAN DETAIL



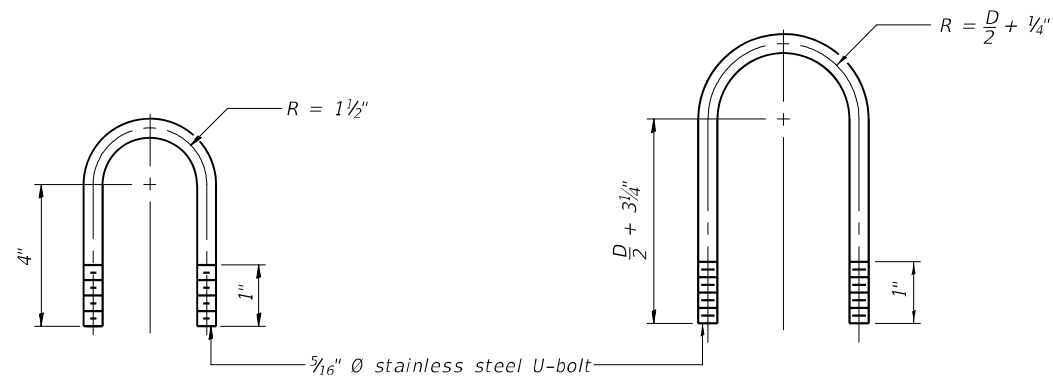
TRUSS DAMPING DEVICE CONNECTION DETAIL



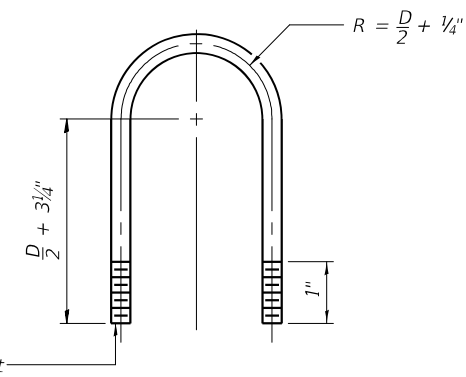
ELEVATION
Aluminum Cantilever Sign Structure



SECTION A-A



DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL
(Typical)



TOP CHORD TO CROSS TUBE U-BOLT DETAIL
(Typical)

GENERAL NOTES

- Damper: One damper per truss. (31 lbs. Stockbridge-Type Aluminum-29" minimum between ends of weights)
- Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6

OSC-A-D

2-17-2017

Jacobs

USER NAME = patelhv	DESIGNED - JSD	REVISED -
PLOT SCALE =	DRAWN - JTB	REVISED -
PLOT DATE = 2/28/2020	CHECKED - JRB	REVISED -
	DATE - 02/28/2020	REVISED -

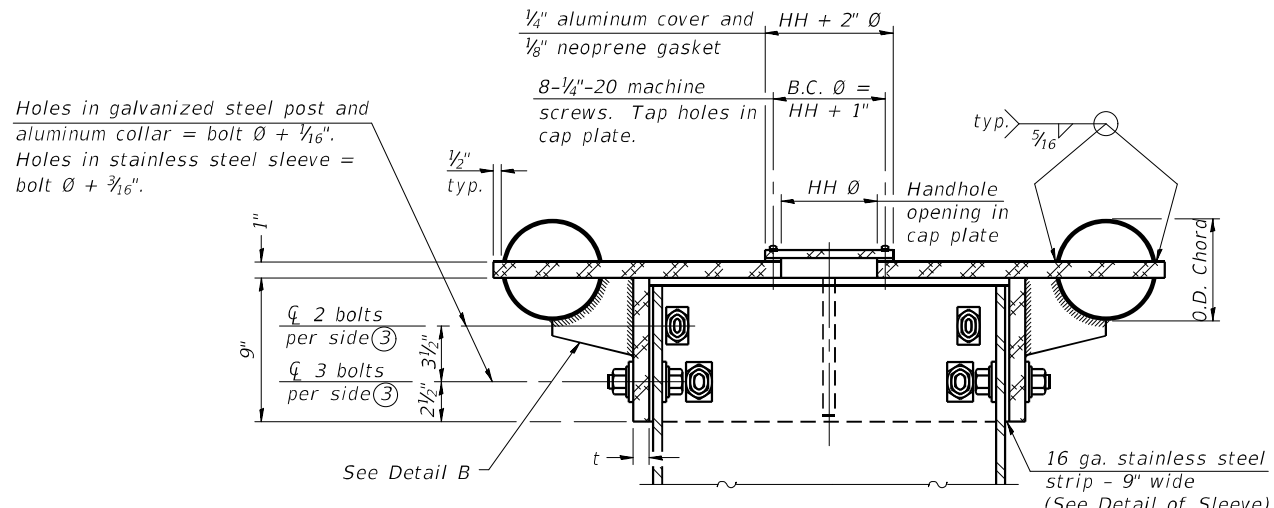
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CANTILEVER SIGN STRUCTURE
DAMPING DEVICE**

SCALE: NTS SHEET 3 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-0681	COOK/LAKE	388	209
CONTRACT NO. 62079			ILLINOIS FED. AID PROJECT	

STR-03



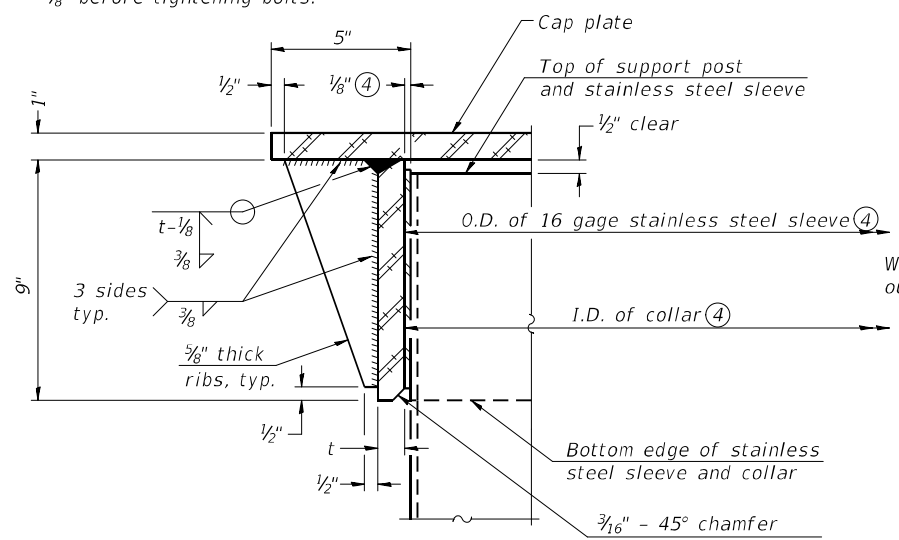
Holes in galvanized steel post and aluminum collar = bolt $\varnothing + 1/16$ ".
Holes in stainless steel sleeve = bolt $\varnothing + 3/16$ ".

$1/4$ " aluminum cover and $1/8$ " neoprene gasket
 $8-1/4$ "-20 machine screws. Tap holes in cap plate.

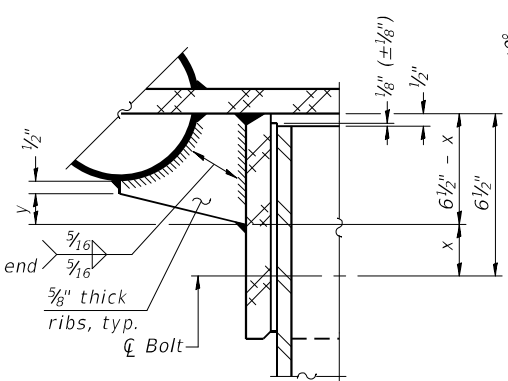
SECTION B-B

Bolts, washers (including contoured washers), and locknuts shall be stainless steel.

④ Collar I.D. shall be manufactured to correspond to O.D. of actual galvanized post and stainless steel sleeve plus $1/8$ " ($\pm 1/16$ "). Maximum gap between post and collar at any location equals $1/8$ " before tightening bolts.

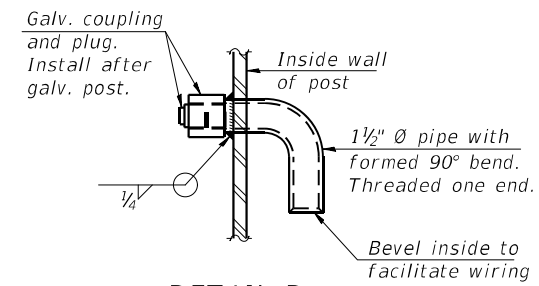


DETAIL A
(Two locations)

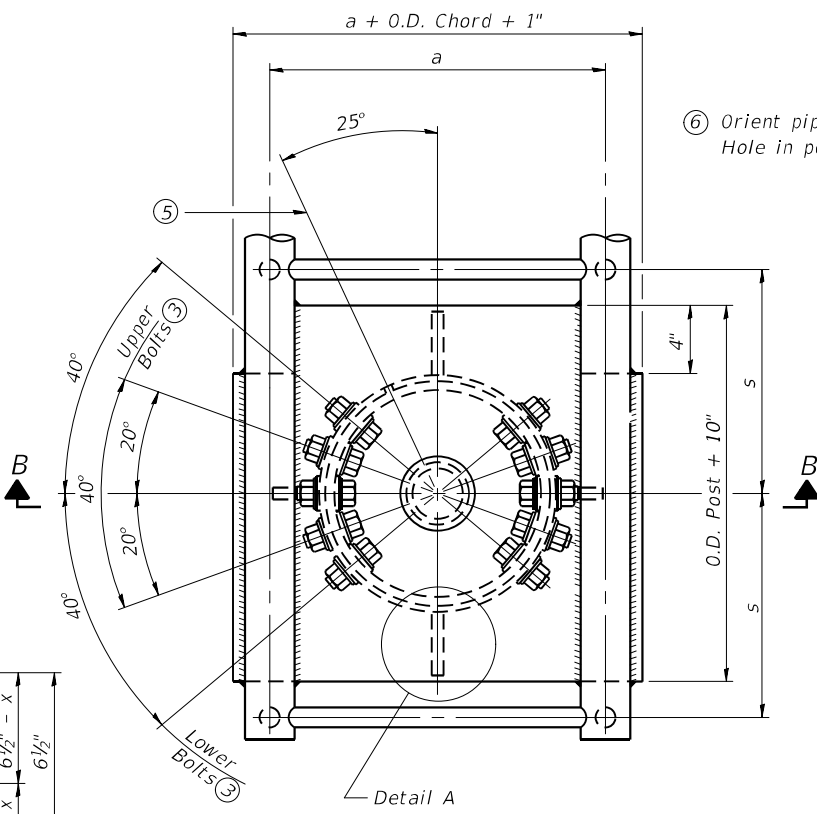


DETAIL B

Two locations
(For details not shown, see Detail C)

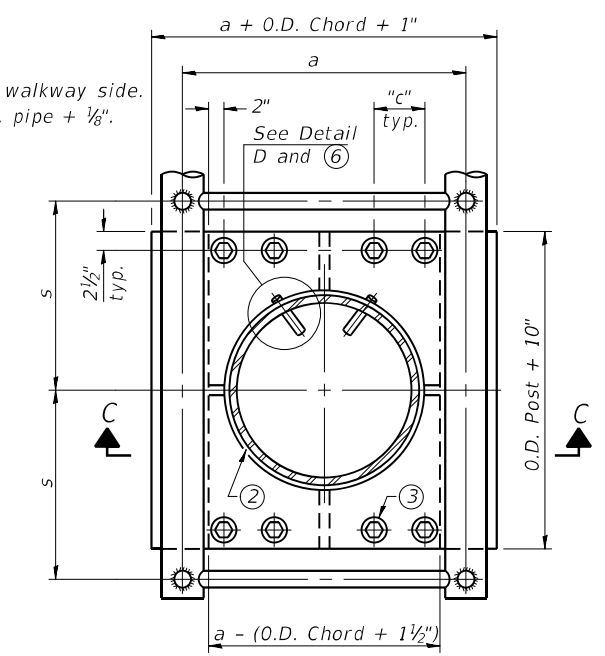


DETAIL D



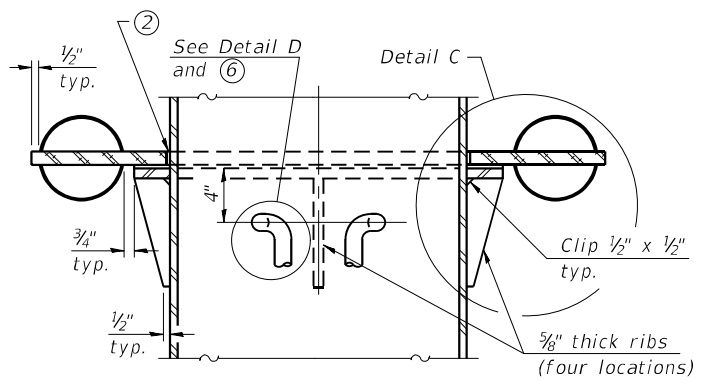
PLAN VIEW - TOP OF COLUMN

⑤ Optional full penetration weld in collar.
(Two locations maximum....(180° apart)....X-ray or UT 100%)

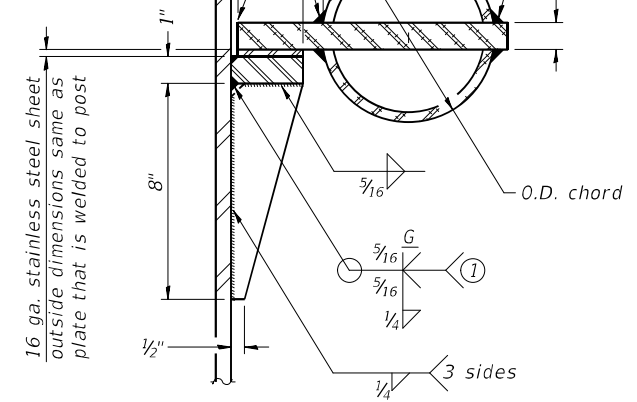


SECTION THRU POST ABOVE LOWER CHORDS

Hole in aluminum plate (and 16 ga. stnl. stl. sheet) to be O.D. post + $1/2$ "



SECTION C-C



DETAIL C

CONTOURED WASHERS

Bolt Size	Contoured Washers	
	Hole Dia.	B
7/8"	1"	2 1/2"
1"	1 1/8"	3"
1 1/4"	1 3/8"	3 1/4"

DETAIL OF STAINLESS STEEL SLEEVE

Weld to post after galvanizing.
(Prepare post surface to insure tight, uniform fit and allow welding.)
Welds to be 1 1/2" long at 6" cts. along top edge and at 1/4" opening.

Truss Type	Post Size	Upper & Lower Connection Bolt Diameter ③	Lower Juncture Bolt Spacing Dimension "c" ③	Opening in Cap Plate "HH"	Collar Thickness (t)	Side Ribs	
						x	y
I-C-A	16" \varnothing (83#/')	7/8"	3 1/4"	8"	5/8"	1 3/4"	2 1/4"
II-C-A	24" \varnothing (125#/')	1"	3 1/2"	12"	7/8"	2"	1 1/4"
III-C-A (35' max.)	24" \varnothing (125#/')	1 1/4"	3 1/2"	12"	7/8"	2"	1"
III-C-A (>35' to 40')	24" \varnothing (171#/')	1 1/4"	3 1/2"	12"	7/8"	2"	1"

- ① Grind top if required to fully seat aluminum plate and stainless steel sheet.
- ② After tightening lower connection bolts, fill gap with non-hardening, silicone caulk suitable for exterior exposure and acceptable to the Engineer. Cost is included in Overhead Sign Structure Cantilever.
- ③ Upper and lower connection bolts in collar and bolts at lower chord connection shall be high strength with matching locknuts. Connection bolts shall have 2 stainless steel flat washers each.

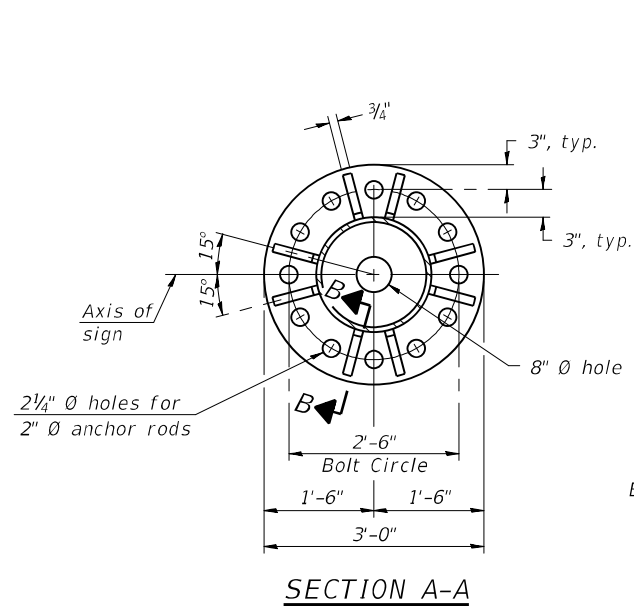
OSC-A-3 MODIFIED

STR-04

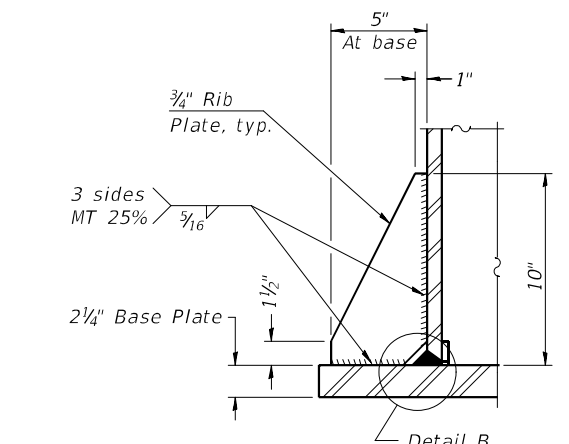
	USER NAME = patelhv	DESIGNED - JSD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CANTILEVER SIGN STRUCTURES - JUNCTURE DETAILS ALUMINUM TRUSS & STEEL POST	F.A.I RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - JRB	REVISED -			94	2016-06BI	COOK/LAKE	388	210
	PLOT DATE = 2/28/2020	DATE - 02/28/2020	REVISED -			CONTRACT NO. 62079		ILLINOIS FED. AID PROJECT		

SCALE: NTS SHEET 4 OF 25 SHEETS STA. TO STA.

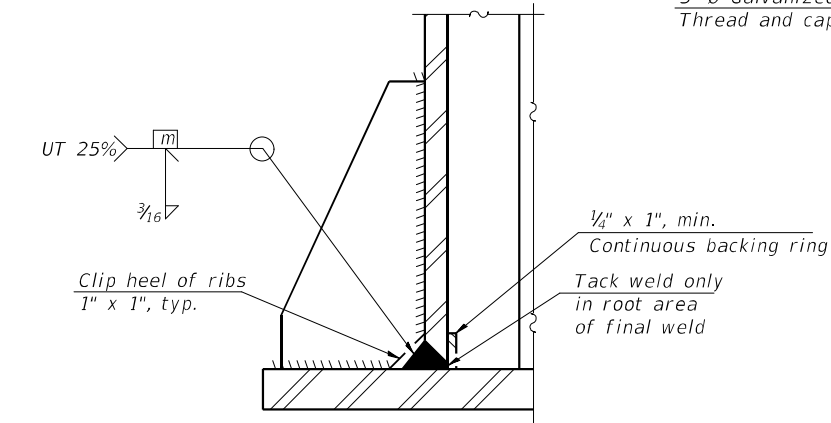
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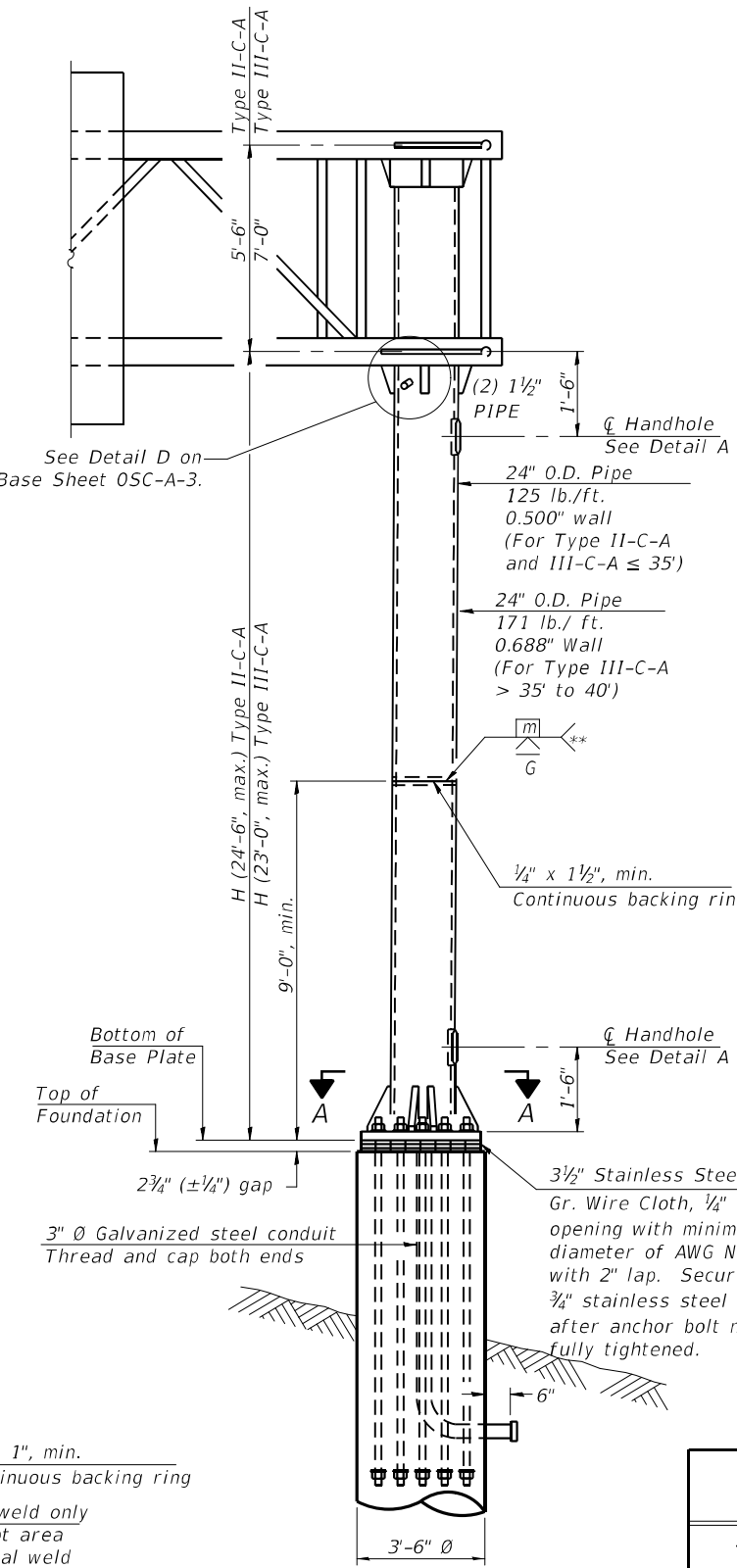
SECTION A-A



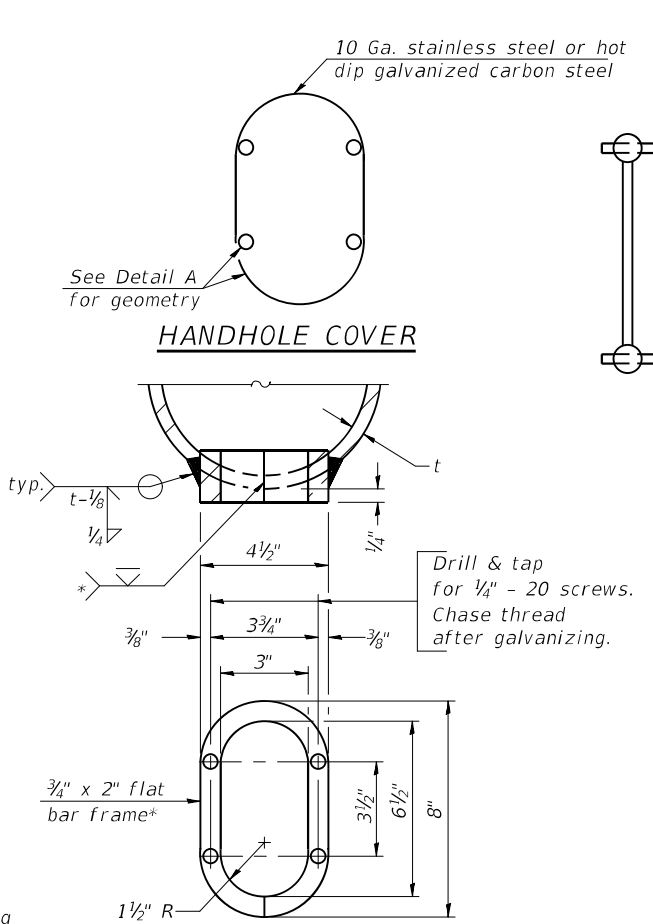
SECTION B-B



DETAIL B
(Typical rib)



FRONT ELEVATION
For Foundation Details see Base Sheet OSC-A-9.



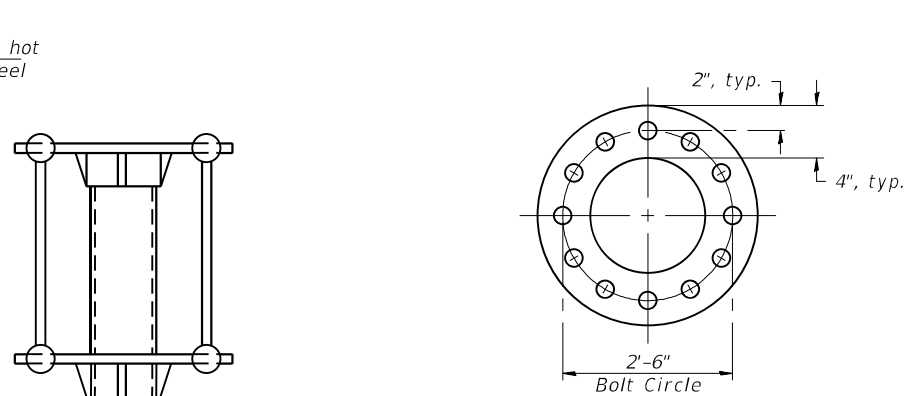
DETAIL A

* Bent bars may be butt welded top and bottom or bottom only. In lieu of fabricated handhole frame as shown, may cut from 2 inch plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500μ in or less.

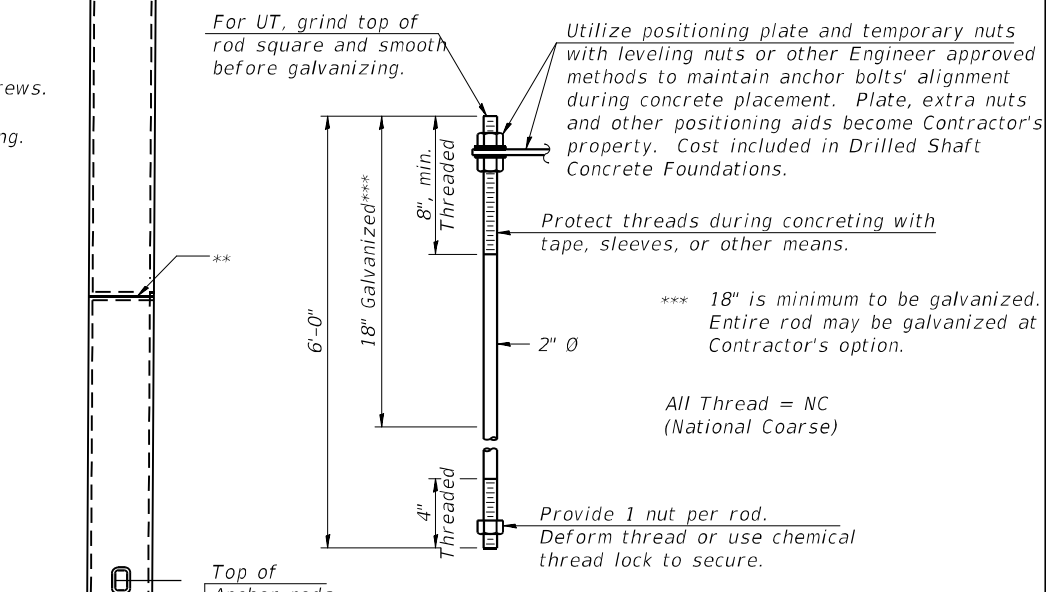
** Butt welded joint in post is only allowed for post heights (H) over 20 ft. in length. If used, weld procedure must be preapproved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

Structure Number	Station	H
1C0161094L044.9	41°56'58.25" 87°43'20.92"	20' - 1 1/2"
1C0491094L018.2	1355+00	21' - 0 1/2"
1C0491094R016.2	1455+83	21' - 6 1/2"

Note: "H" based on 15'-0" or actual sign height, whichever is greater.



SUGGESTED POSITIONING PLATE



ANCHOR ROD DETAIL

Anchor rods shall conform to ASTM F1554 Grade 105. Galvanize the upper 18" (minimum***), and associated AASHTO M291, Grade A, C or DH heavy hex nuts and hardened washers per AASHTO M232. No welding shall be permitted on rods. Provide a nut at bottom, a hexagon locknut and washer above base plate and a leveling nut and washer below base plate. Nuts shall each be tightened with 200 lb.-ft. minimum torque against base plate. Before or after threading, but before galvanizing, each anchor rod shall be ultrasonically tested (UT) by a Level II or III inspector, qualified in accord with ANSI guidelines, to insure no rejectable flaws exist in the upper 18" (tension criteria). Cost of testing included in Drilled Shaft Concrete Foundations.

SIDE ELEVATION

OSC-A-5 MODIFIED



USER NAME = patelhv	DESIGNED - JSD	REVISED -
PLOT SCALE =	DRAWN - JTB	REVISED -
PLOT DATE = 2/28/2020	CHECKED - JRB	REVISED -
	DATE - 02/28/2020	REVISED -

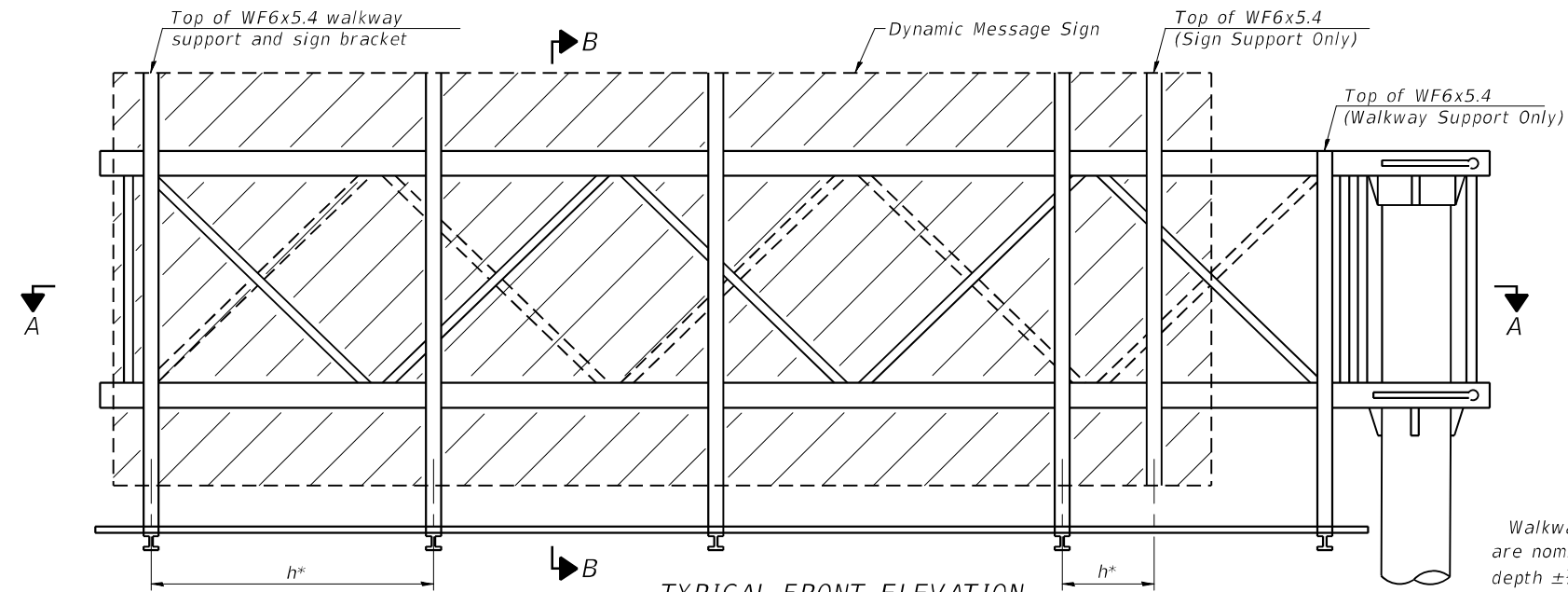
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES - TYPE II-C-A & III-C-A
TRUSS SUPPORT POST - ALUMINUM TRUSS & STEEL POST

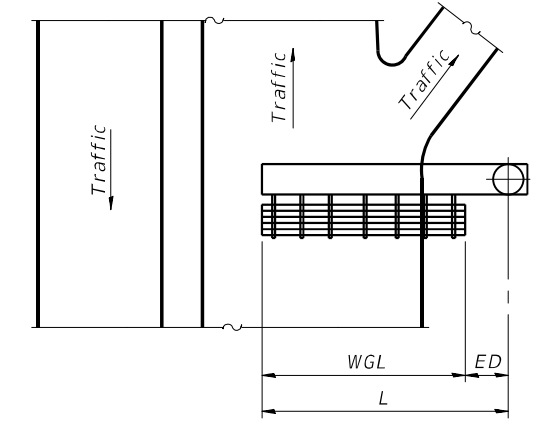
F.A.I. RTE. 94	SECTION 2016-06BI	COUNTY COOK/LAKE	TOTAL SHEETS 388	SHEET NO. 211
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

SCALE: NTS SHEET 5 OF 25 SHEETS STA. TO STA.

STR-05

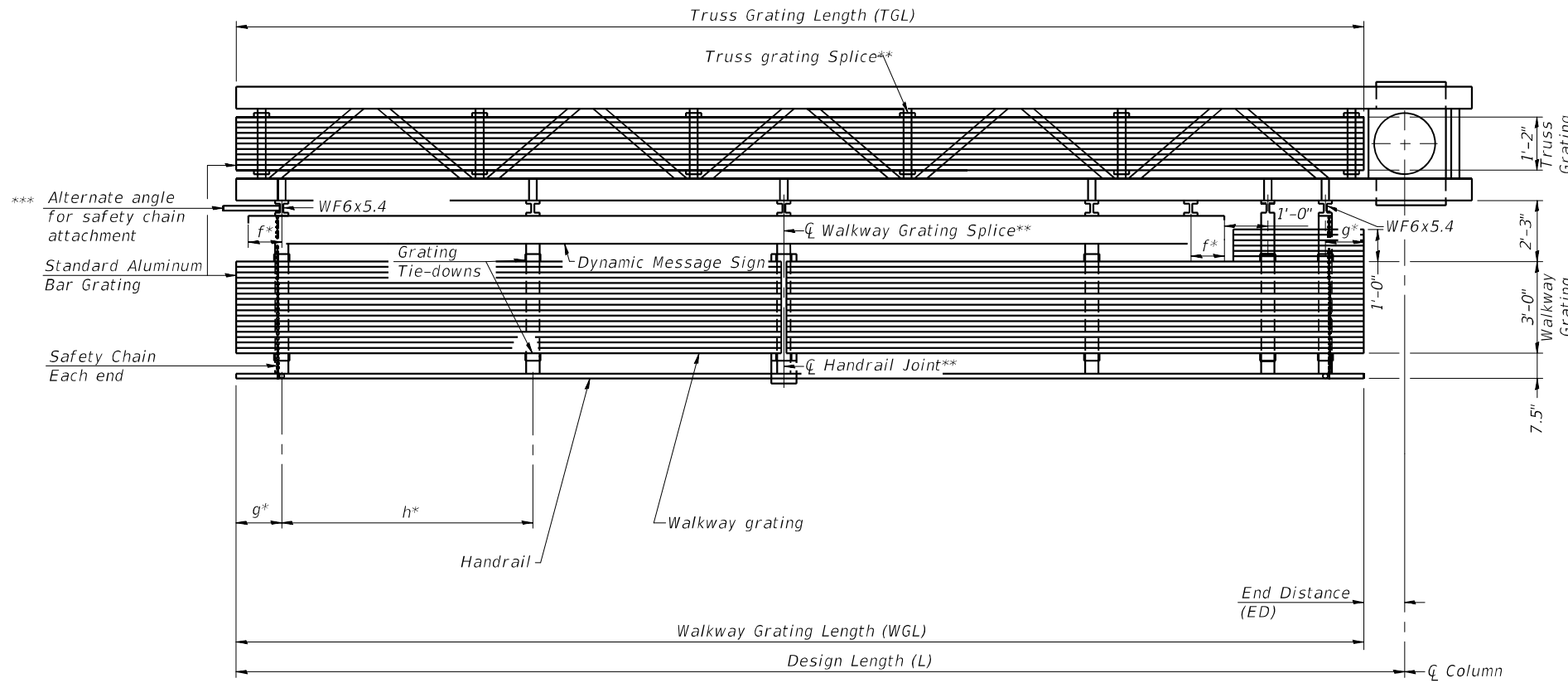


TYPICAL FRONT ELEVATION
With lights and handrail omitted for clarity.



PLAN WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)

Walkway and truss grating dimensions are nominal and may vary (width ±1/2", depth ±1/2") based on available standard widths.



SECTION A-A

Truss grating to facilitate inspection shall run full length of cantilevers. Cost of truss grating is included in Overhead Sign Structure Cantilever.

Handrail and walkway grating shall span a minimum of three brackets between splices.
** Use and location of handrail joints or grating splices are optional, based on lengths needed and material availability.

$$TGL = L - \left(\frac{\text{Post O.D.}}{2} + 6'' \right)$$

Structure Number	Station	WGL	ED	TGL
1C0161094L044.9	*	38.5'	1.5'	38.5'
1C0491094L018.2	1355+00	33.5'	1.5'	33.5'
1C0491094R016.2	1455+83	33.5'	1.5'	33.5'

* LATITUDE: 41°56'58.25 LONGITUDE: 87°43'20.92

Notes:
* Space walkway brackets WF6x5.4 and sign brackets WF6x5.4 for efficiency and within limits shown:

f = 12" maximum, 4" minimum (End of sign to center of nearest bracket)
g = 12" maximum, 4" minimum (End of walkway to center of nearest bracket)
h = 6'-0" maximum (center to center sign and/or walkway support brackets, WF6x5.4)

*** If walkway bracket at safety chain location is behind sign, add angle to bracket. See alternate safety chain attachment on base sheet OSC-A-8

For details of sign placement, sign/walkway brackets, truss and walkway gratings, grating splices and Section B-B, see Base Sheet OSC-A-7.
For details of handrail, handrail joint, safety chain and Details F and G, see Base Sheet OSC-A-8.

BRACKET TABLE

WF6x5.4 ASTM B308, Alloy 6061-T6		
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

OSC-A-6 MODIFIED



USER NAME = patelhv	DESIGNED - JSD	REVISED -
PLOT SCALE =	DRAWN - JTB	REVISED -
PLOT DATE = 2/28/2020	CHECKED - JRB	REVISED -
	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

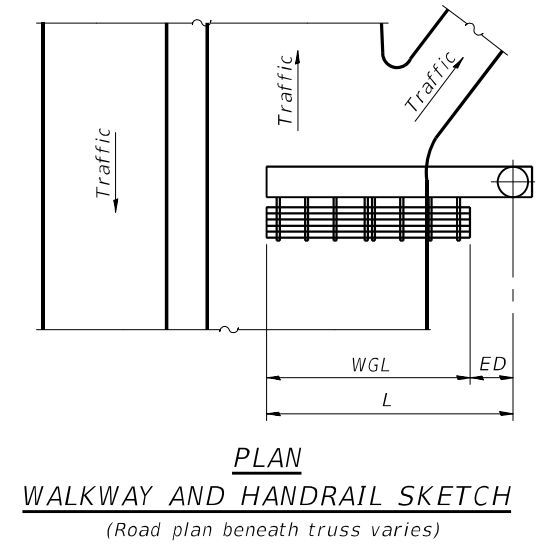
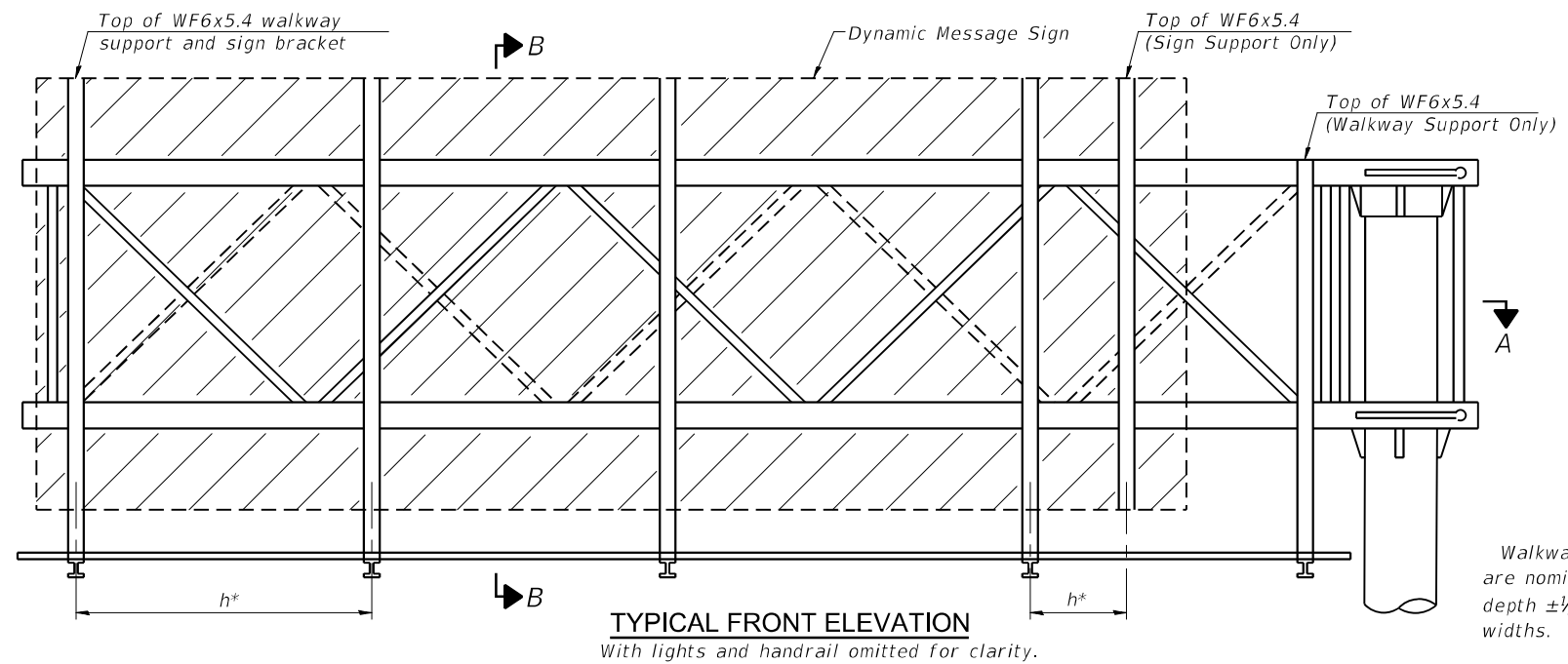
**CANTILEVER SIGN STRUCTURES - ALUMINUM WALKWAY
DETAILS - ALUMINUM TRUSS & STEEL POST**

SCALE: NTS SHEET 6 OF 25 SHEETS STA. TO STA.

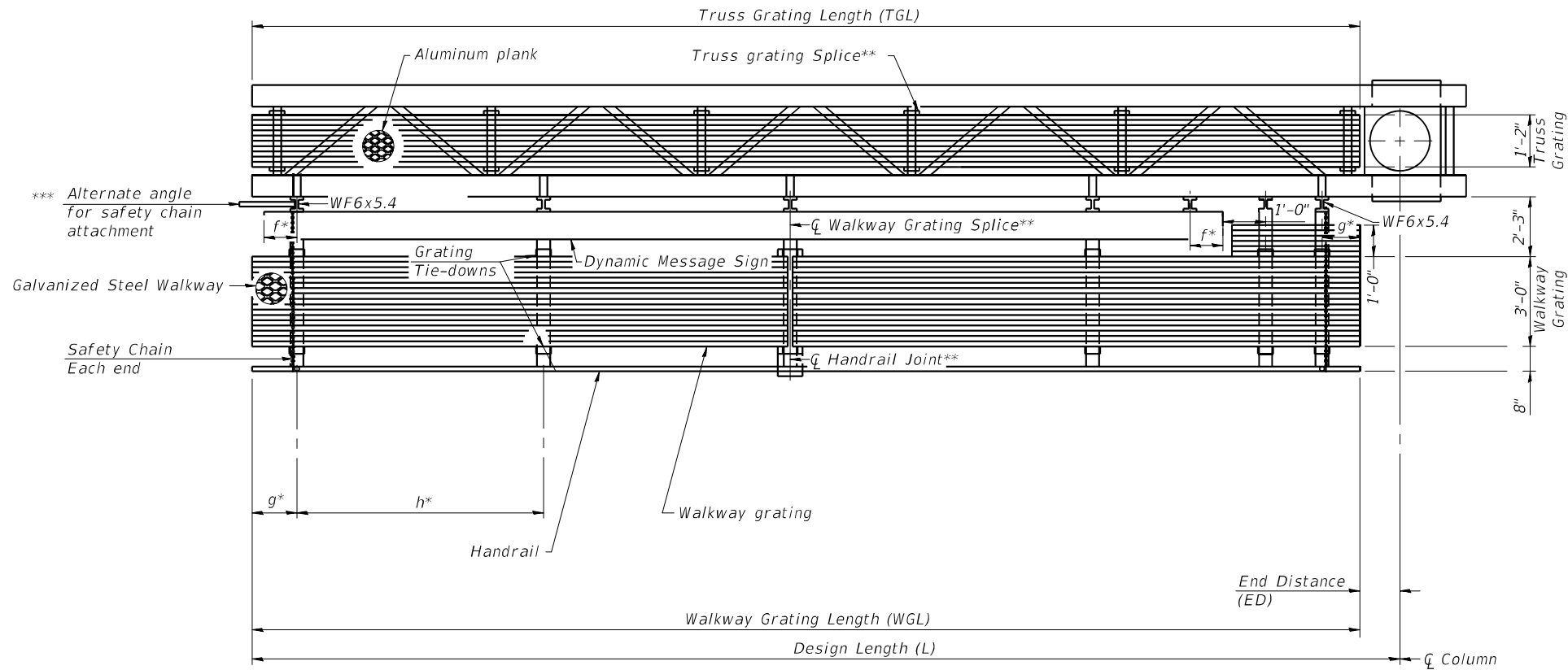
F.A.I RTE. 94	SECTION 2016-06BI	COUNTY COOK/LAKE	TOTAL SHEETS 388	SHEET NO. 212
CONTRACT NO. 62079			ILLINOIS FED. AID PROJECT	

STR-06

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Walkway and truss grating dimensions are nominal and may vary (width ±1/2", depth ±1/2") based on available standard widths.



Structure Number	Station	WGL	ED	TGL
1C0161094L044.9	**	38.5'	1.5'	38.5'
1C0491094L018.2	1355+00	33.5'	1.5'	33.5'
1C0491094R016.2	1455+83	33.5'	1.5'	33.5'

** LATITUDE: 41°56'58.25 LONGITUDE: 87°43'20.92

Notes:

- * Space walkway brackets WF6x5.4 and sign brackets WF6x5.4 for efficiency and within limits shown:
- f = 12" maximum, 4" minimum (End of sign to center of nearest bracket)
- g = 12" maximum, 4" minimum (End of walkway to center of nearest bracket)
- h = 6'-0" maximum (center to center sign and/or walkway support brackets, WF6x5.4)

*** If walkway bracket at safety chain location is behind sign, add angle to bracket. See alternate safety chain attachment on base sheet OSC-A-8.

For details of sign placement, sign/walkway brackets, truss and walkway gratings, grating splices and Section B-B, see Base Sheet OSC-A-7S.

For details of handrail, handrail joint, safety chain and Details F and G, see Base Sheet OSC-A-8.

SECTION A-A

Truss grating to facilitate inspection shall run full length of cantilevers. Cost of truss grating is included in Overhead Sign Structure Cantilever.

** Handrail and walkway grating shall span a minimum of three brackets between splices. Use and location of handrail joints or grating splices are optional, based on lengths needed and material availability.

$$TGL = L - \left(\frac{\text{Post O.D.}}{2} + 6" \right)$$

BRACKET TABLE

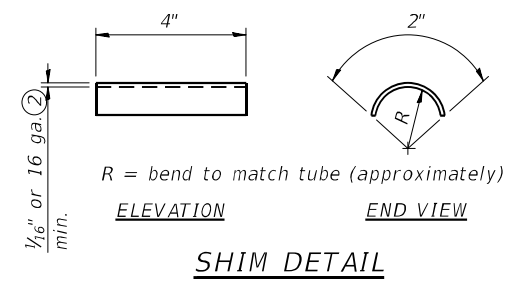
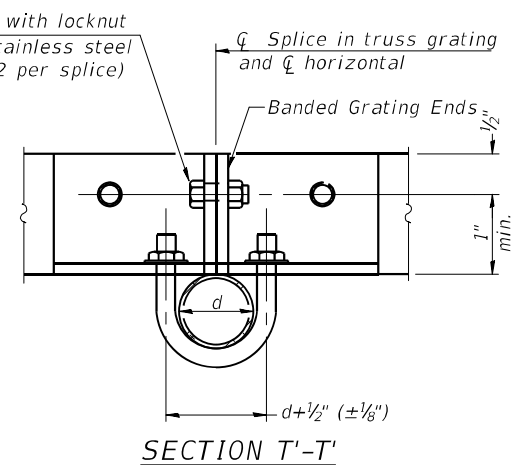
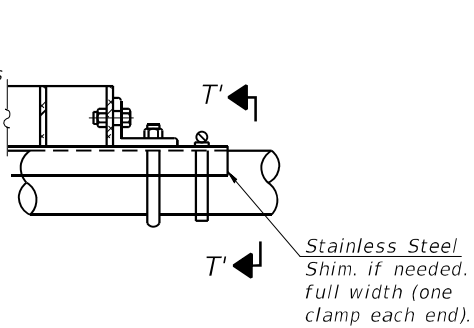
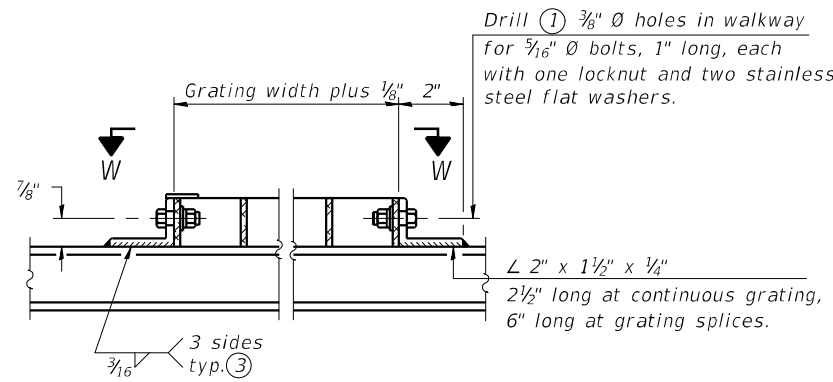
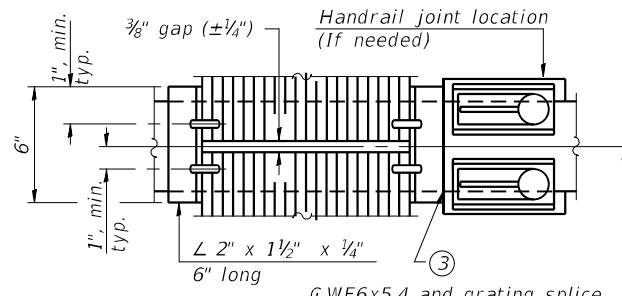
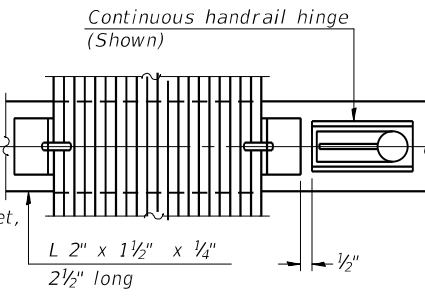
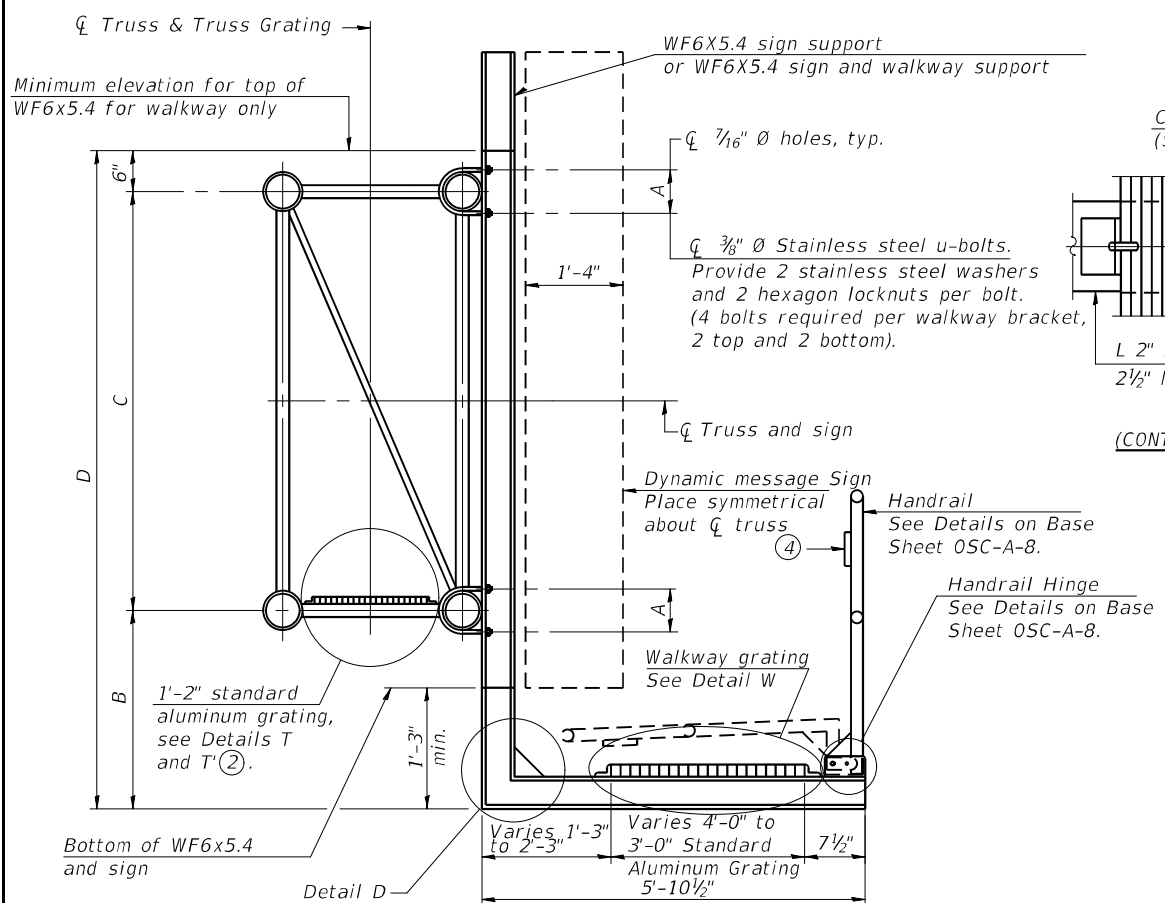
WF6x5.4 ASTM B308, Alloy 6061-T6		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

OSC-A-6S MODIFIED

STR-07

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Jacobs	USER NAME = patelehv	DESIGNED - JSD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CANTILEVER SIGN STRUCTURES – ALTERNATE STEEL WALKWAY DETAILS – ALUMINUM TRUSS & STEEL POST	F.A.I RTE. 94	SECTION 2016-06BI	COUNTY COOK/LAKE	TOTAL SHEETS 388	SHEET NO. 213
	PLOT SCALE =	CHECKED - JRB	REVISED -			SCALE: NTS	SHEET 7 OF 25 SHEETS STA.	CONTRACT NO. 62079		ILLINOIS FED. AID PROJECT
	PLOT DATE = 2/28/2020	DATE - 02/28/2020	REVISED -			TO STA.				



SPECIFICATIONS FOR STANDARD ALUMINUM GRATING

Main Bearing Bars (MBB) shall be $\frac{3}{16}$ " x 1 $\frac{1}{2}$ " on 1 $\frac{3}{16}$ " centers and conform to ASTM B211 Alloy 6061-T6.

Cross bars (CB) shall be $\frac{3}{16}$ " x 1 $\frac{1}{2}$ " on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

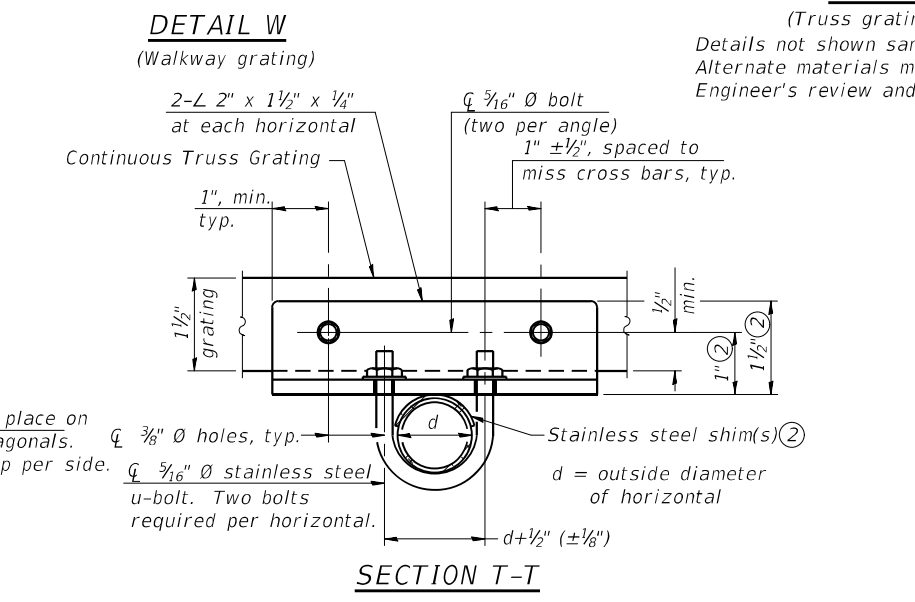
OR

Aluminum Grating with modified "t" sections for main bearing bars shall meet the following requirements:

Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.³ per bar, a depth of 1 $\frac{1}{2}$ ", spaced on 1 $\frac{3}{16}$ " centers.

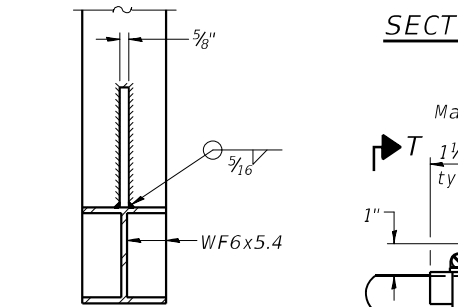
Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

- ① Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- ② Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- ③ If Handrail Joint present, weld angle to WF6 and $\frac{1}{4}$ " extension bars. (See Base Sheet OSC-A-8.)
- ④ $\frac{1}{8}$ " x $\frac{1}{2}$ " x 2" welded to handrail posts to protect locations that contact grating.
- ⑤ Tube to grating gap may vary from 0 to $\frac{1}{2}$ ", max. to align walkway, allow for camber, etc.
- ⑥ Based on actual sign height, Ds, given on OSC-A-1.

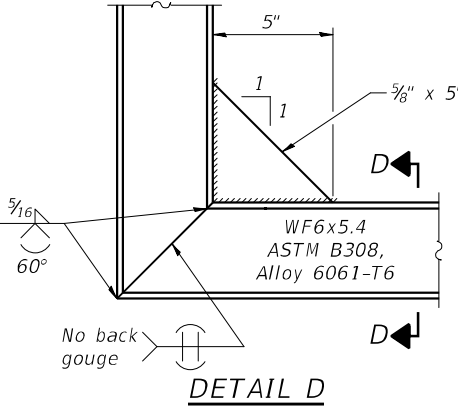
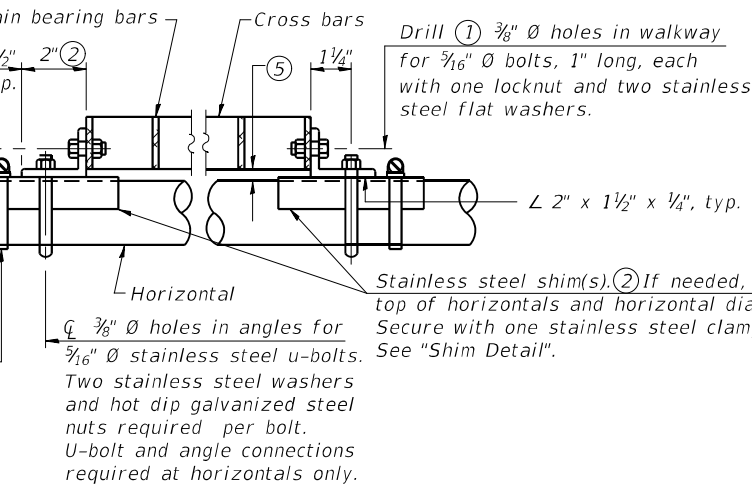
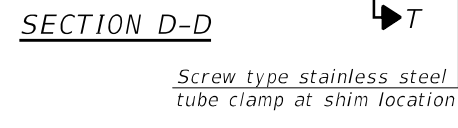


Structure Number	Station	A	⑥ B	C	⑥ D
1C016I094L044.9	**	8.5"	1'-9"	7'-0"	9'-3"
1C049I094L018.2	1355+00	7.5"	1'-9"	7'-0"	9'-3"
1C049I094R016.2	1455+83	7.5"	1'-9"	7'-0"	9'-3"

** LATITUDE: 41°56'58.25 LONGITUDE: 87°43'20.92



Sign shall be even with the top of the bracket, but it may extend no more than 6" above the top of the bracket for field adjustments.



OSC-A-7 MODIFIED



USER NAME = patelhv	DESIGNED - JSD	REVISED -
PLOT SCALE =	DRAWN - JTB	REVISED -
PLOT DATE = 2/28/2020	CHECKED - JRB	REVISED -
	DATE - 02/28/2020	REVISED -

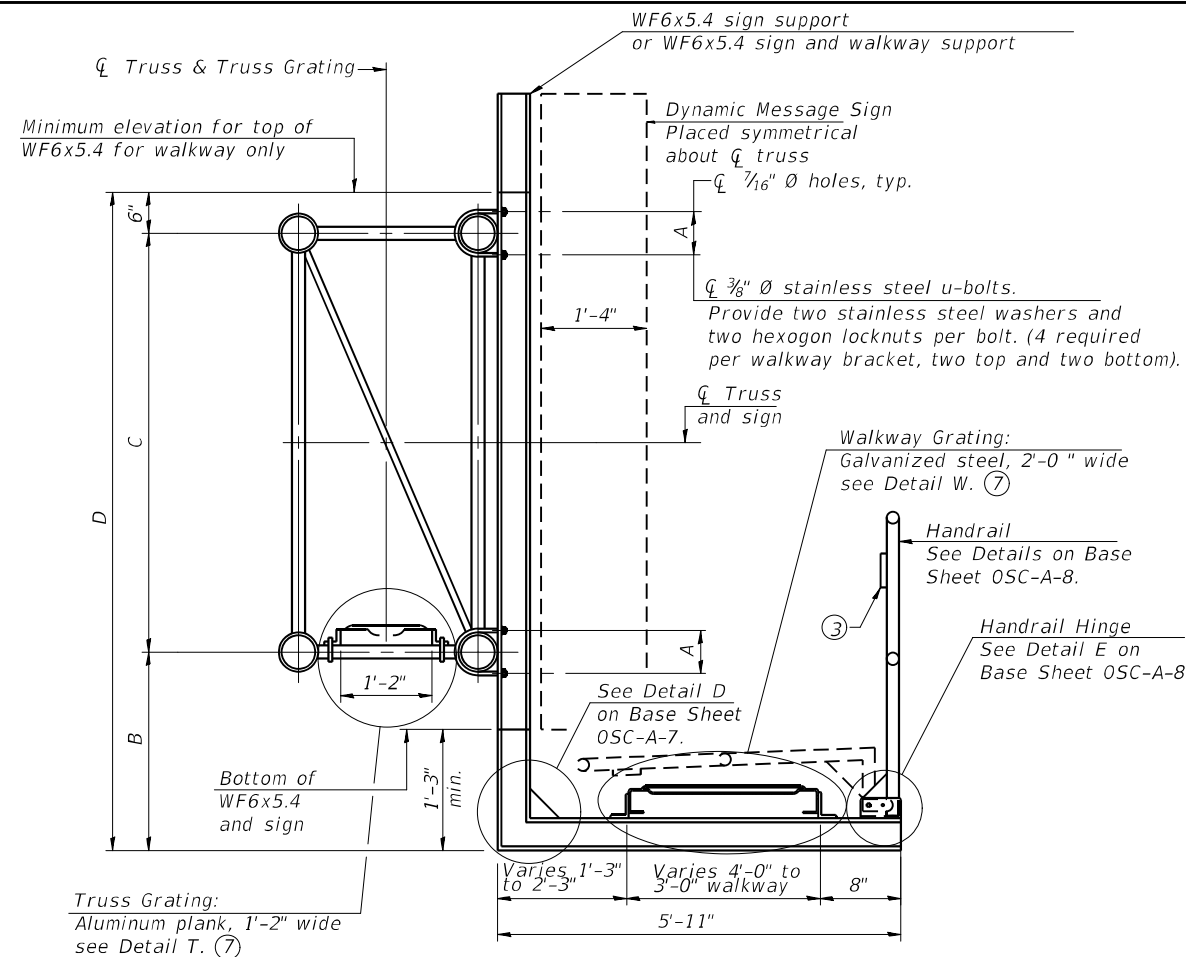
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES - WALKWAY DETAILS
ALUMINUM TRUSS & STEEL POST

SCALE: NTS SHEET 8 OF 25 SHEETS STA. TO STA.

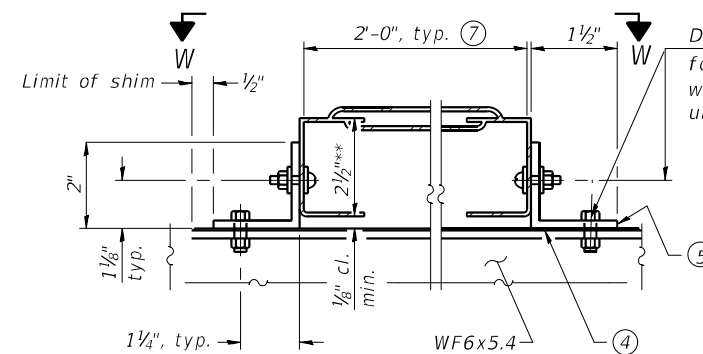
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	214
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

STR-08

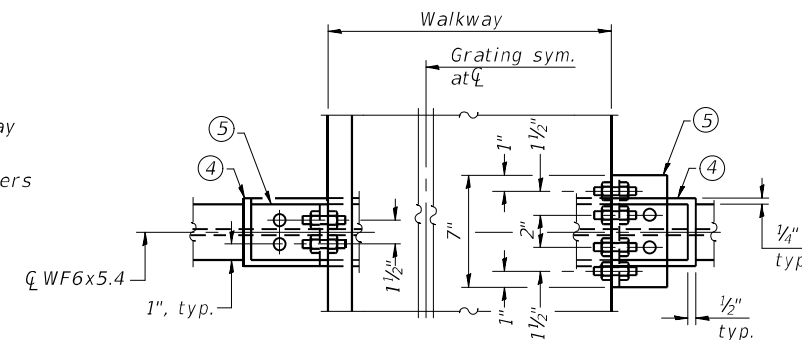


SECTION B-B

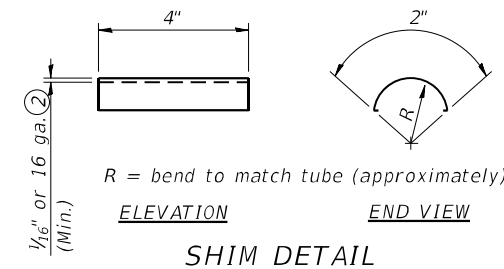
Sign shall be even with the top of the bracket, but it may extend no more than 6" above the top of the bracket for field adjustments.



DETAIL W
GALVANIZED STEEL WALKWAY GRATING



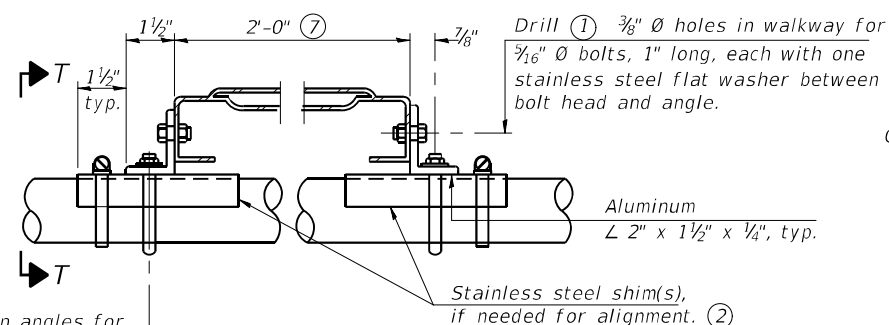
SECTION W-W
WALKWAY GRATING CONTINUOUS AT WALKWAY GRATING SPLICE



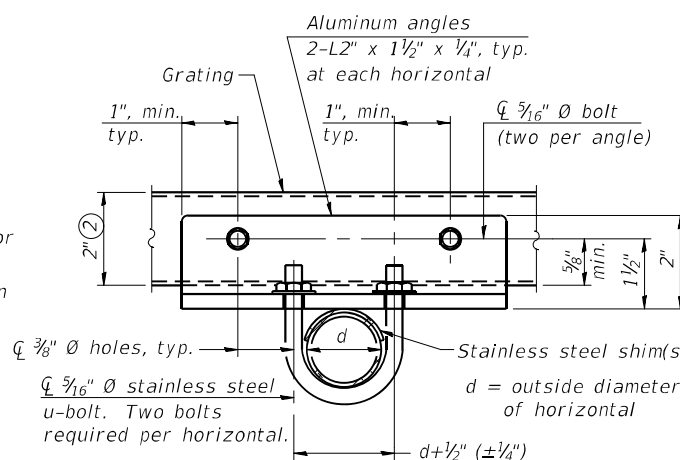
SHIM DETAIL

- ① Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- ② Stainless steel shims shall be placed under angles at horizontals and horizontal diagonals if needed to compensate for alignment variations and differences in horizontal diagonal pipe sizes beyond adjustment provided by angles. Secure with one stainless steel clamp per location, see "Shim Detail". Thicker shim plates may be used when needed subject to shims performing properly.
- ③ $R \frac{1}{8}'' \times \frac{1}{2}'' \times 2''$ welded to handrail posts to protect locations that contact grating.
- ④ $\frac{1}{16}''$ (or 16 ga.) $\times 2\frac{1}{2}'' \times 4''$ stainless steel shim adhered to top of WF6x5.4 beneath each galvanized angle, typ. Adhesives for shims shall be suitable for materials joined and full exposure conditions.
- ⑤ Galvanized steel $L 2'' \times 2'' \times \frac{1}{4}''$, $3\frac{1}{2}''$ long with continuous grating 7" long at grating splice.
- ⑥ Details shown are considered equal alternatives to Aluminum Walkway Details and may be substituted by Contractor at no charge in contract cost.
- ⑦ Perforated or expanded metal grating providing a skid resistant (non-serrated) surface and capable of supporting a 500 pound concentrated load with a 6'-0" clear span. Walkway and truss grating dimensions are nominal and may vary (width $\pm \frac{1}{2}''$, depth $\frac{1}{2}''$) based on available standard sizes. Cut ends of grating shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.
- ⑧ Based on actual sign height, D_s , given on OSC-A-1.

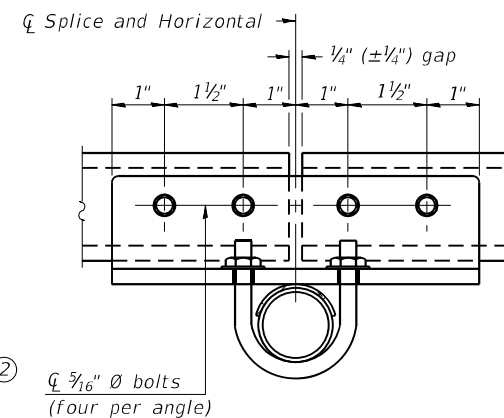
Truss Grating:
Aluminum plank, 1'-2" wide
see Detail T. ⑦



DETAIL T
(Truss grating at horizontal)



SECTION T-T
(Truss Grating Continuous)



SECTION T-T

(Truss Grating Splice)
Alternate splice details and locations may be used subject to the Engineer's review and approval.

ALUMINUM TRUSS GRATING

Structure Number	Station	A	⑧ B	C	⑧ D
1C016I094L044.9	**	8.5"	1'-9"	7'-0"	9'-3"
1C049I094L018.2	1355+00	7.5"	1'-9"	7'-0"	9'-3"
1C049I094R016.2	1455+83	7.5"	1'-9"	7'-0"	9'-3"

** LATITUDE: 41°56'58.25 LONGITUDE: 87°43'20.92

OSC-A-7S MODIFIED

Jacobs

USER NAME = patelhv	DESIGNED - JSD	REVISED -
PLOT SCALE =	DRAWN - JTB	REVISED -
PLOT DATE = 2/28/2020	CHECKED - JRB	REVISED -
	DATE - 02/28/2020	REVISED -

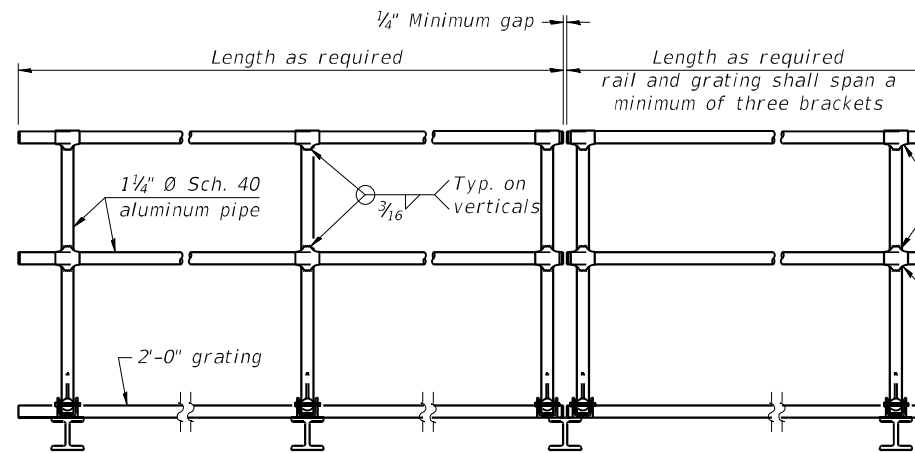
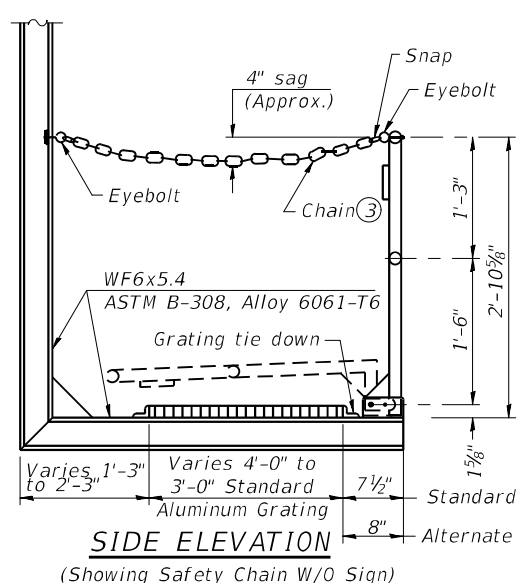
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES
ALTERNATE WALKWAY DETAILS

SCALE: NTS SHEET 9 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-06BI	COOK/LAKE	388	215
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

STR-09



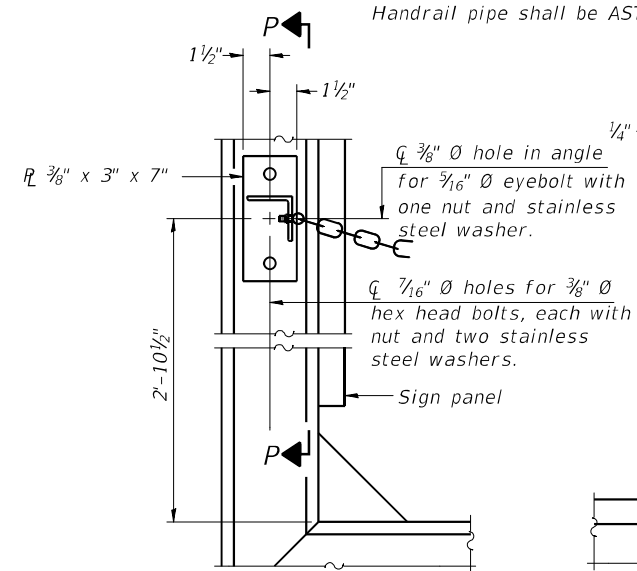
① Install standard force-fit end caps or weld 1/8" end plates with 1/8" c.f.w. and grind smooth. (All rail ends)

Fittings-ASTM B26, Alloy 356-T7 or 1 1/2" diameter aluminum pipe

② Horizontal handrail member shall be continuous thru fitting. Provide 7/16" diameter hole in fitting for 3/8" diameter bolt. Field drill 7/16" diameter hole in horizontal rail member. Provide locknut and two stainless steel washers for bolt. (Use 3/16" eyebolts in 7/16" diameter holes on top rail at ends only.)

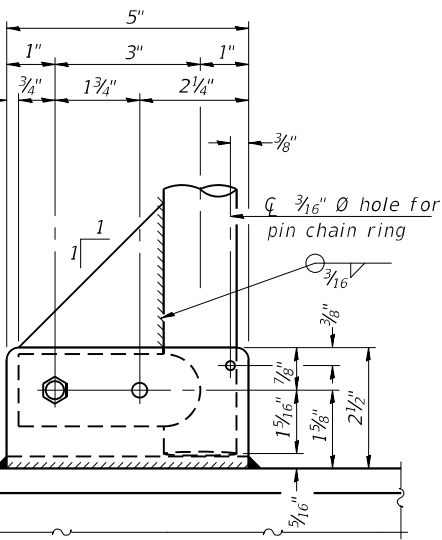
HANDRAIL DETAILS

Handrail pipe shall be ASTM B241 or B429, Alloy 6063-T6 or Alloy 6061-T6.

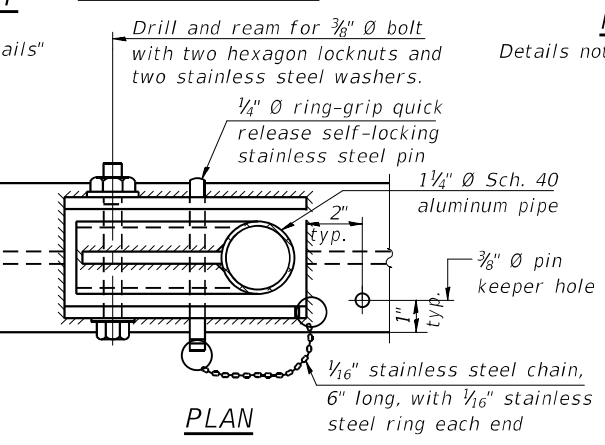


ALTERNATE SAFETY CHAIN ATTACHMENT (With Sign Present)

Items not shown same as "Side Elevation" of "Handrail Details"

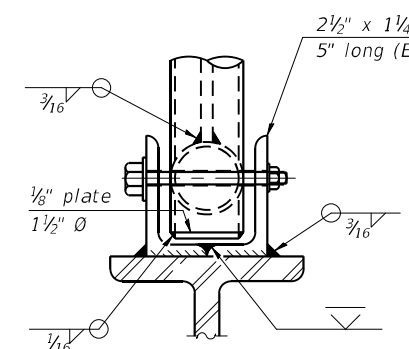


SIDE ELEVATION



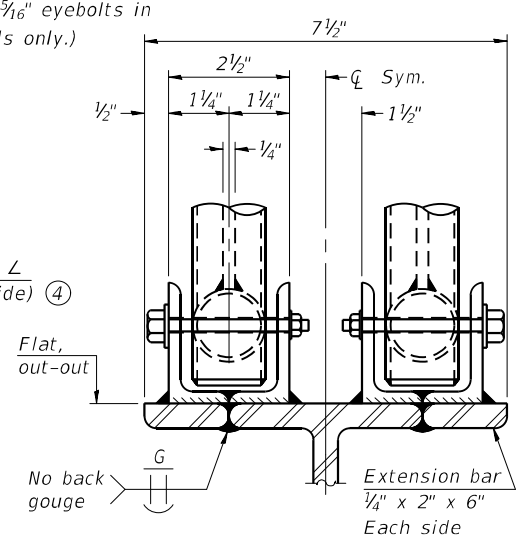
PLAN

DETAIL E HANDRAIL HINGE



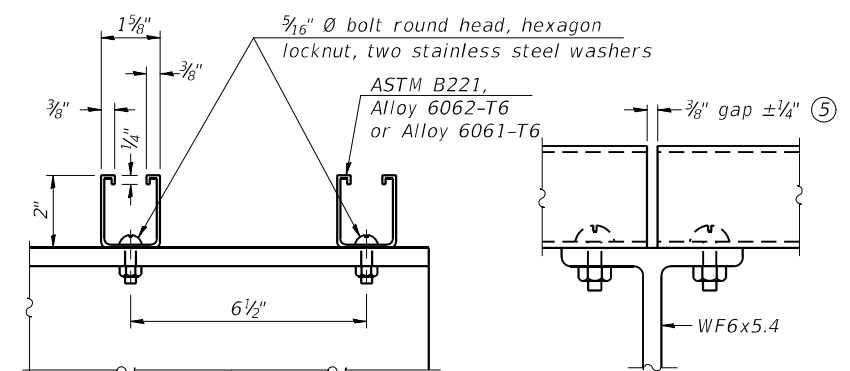
FRONT ELEVATION

Details not shown same as "ELEVATION" at right.



ELEVATION AT HANDRAIL JOINT

Details not shown same as "FRONT ELEVATION"

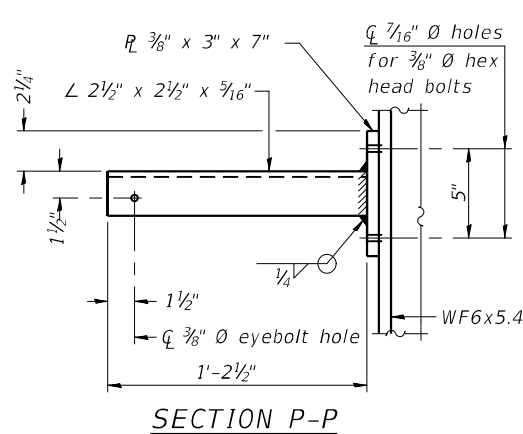


SECTION F-F

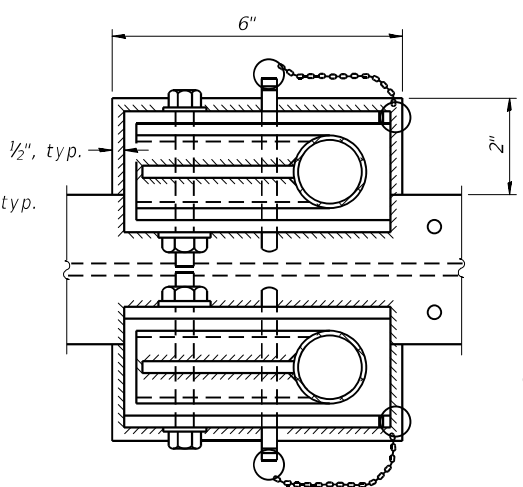
SECTION G-G

LIGHTING FIXTURE MOUNTS (IF REQUIRED)

⑤ Field cut ends of light support channels shall be free of burrs or hazardous projections and coated with zinc-rich primer or equivalent.

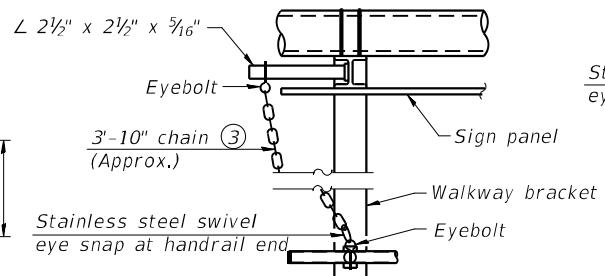


SECTION P-P



PLAN AT HANDRAIL JOINT

Details not shown same as "PLAN"

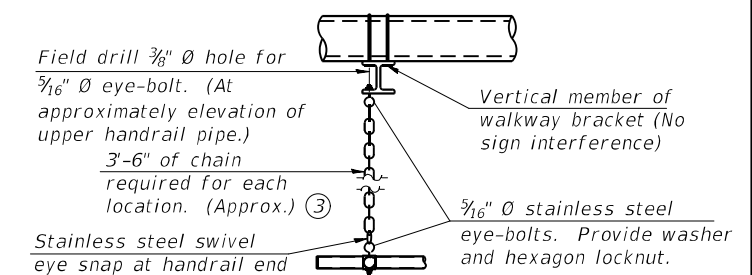


ALTERNATE SAFETY CHAIN ATTACHMENT

Details not shown similar to "Safety Chain" Details (Walkway omitted for clarity)

③ 3/16" Type 304L stainless steel chain, approximately 12 links per foot.

④ Extrusions may be used in lieu of the details shown, with approval of the Engineer.



SAFETY CHAIN

One required for each end of each walkway.

OSC-A-8 MODIFIED



USER NAME = patelhv	DESIGNED - JSD	REVISED -
PLOT SCALE =	DRAWN - JTB	REVISED -
PLOT DATE = 2/28/2020	CHECKED - JRB	REVISED -
	DATE - 02/28/2020	REVISED -

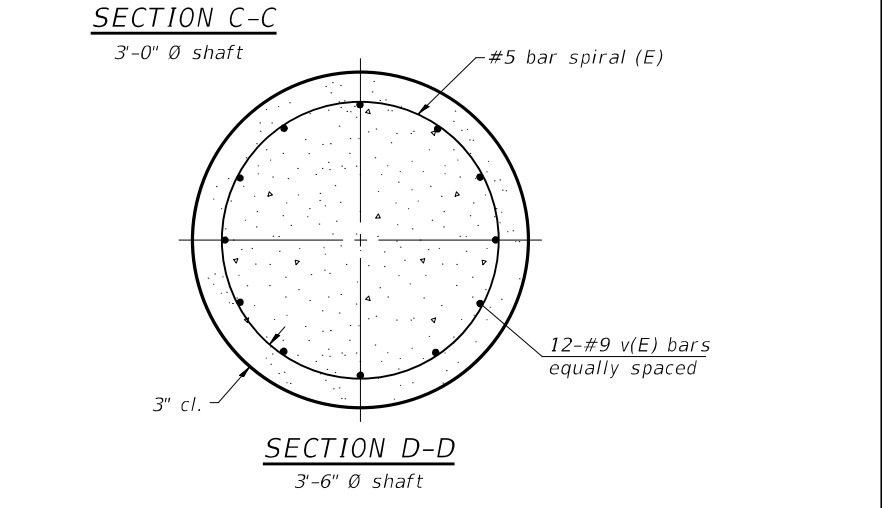
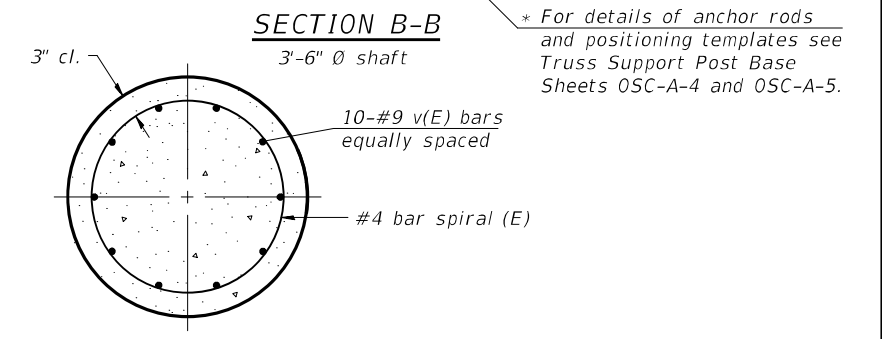
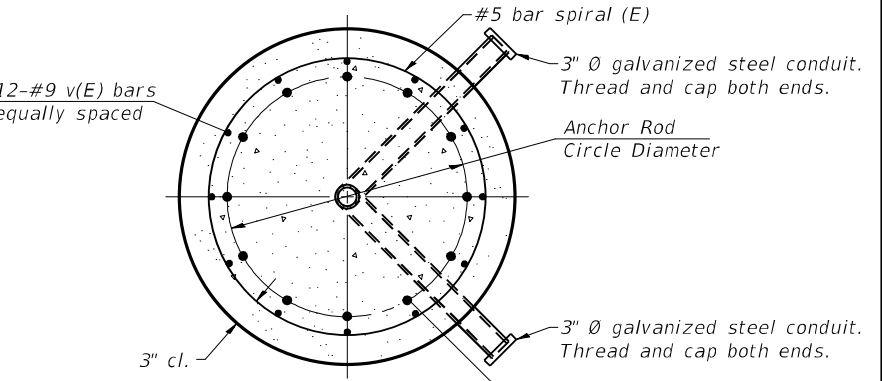
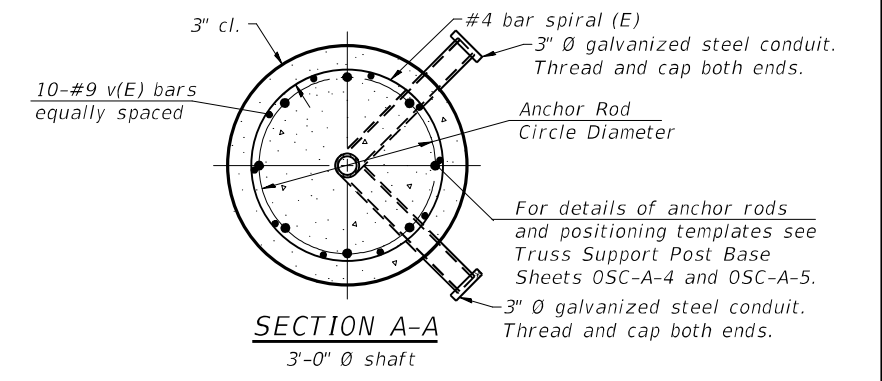
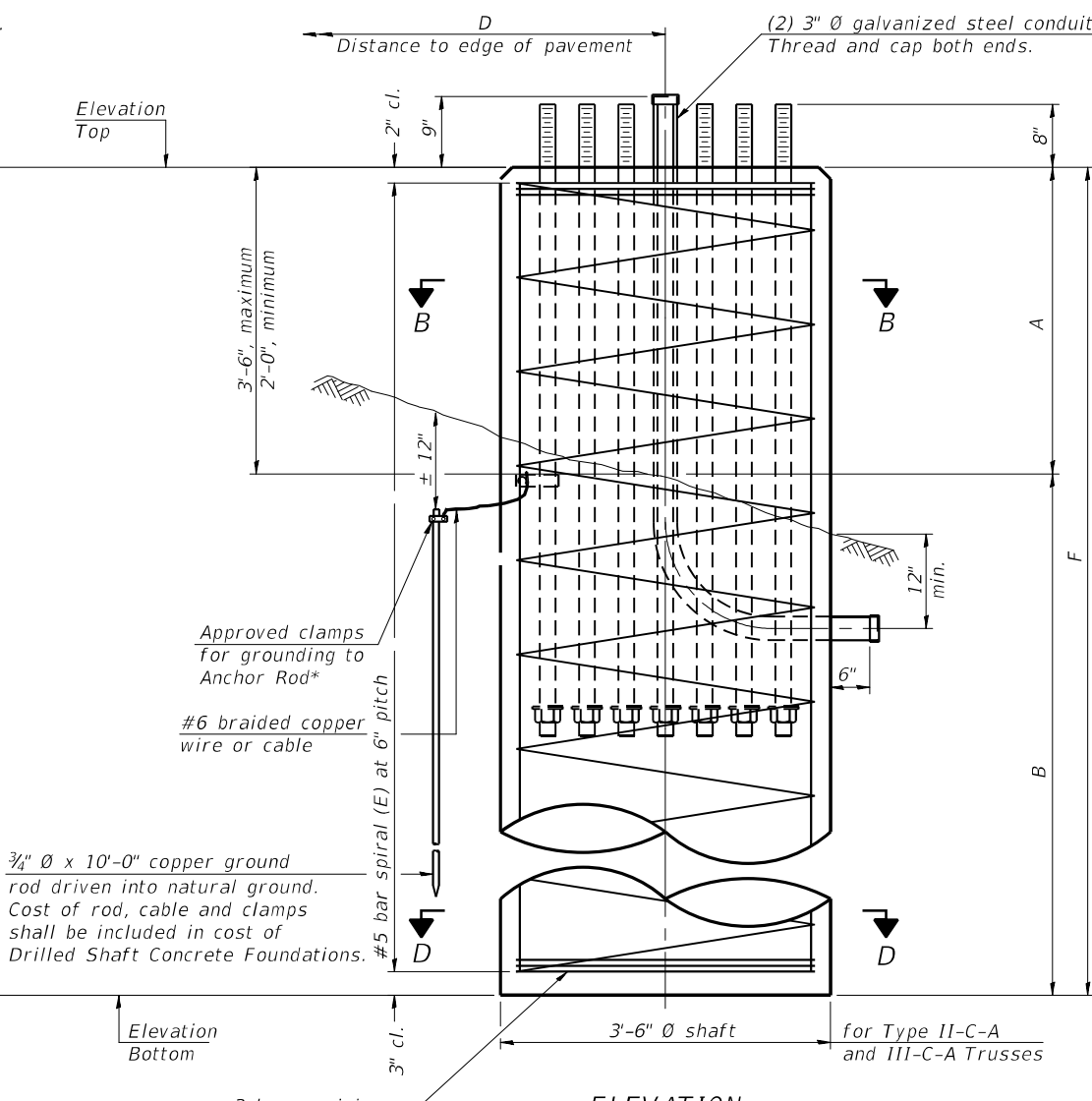
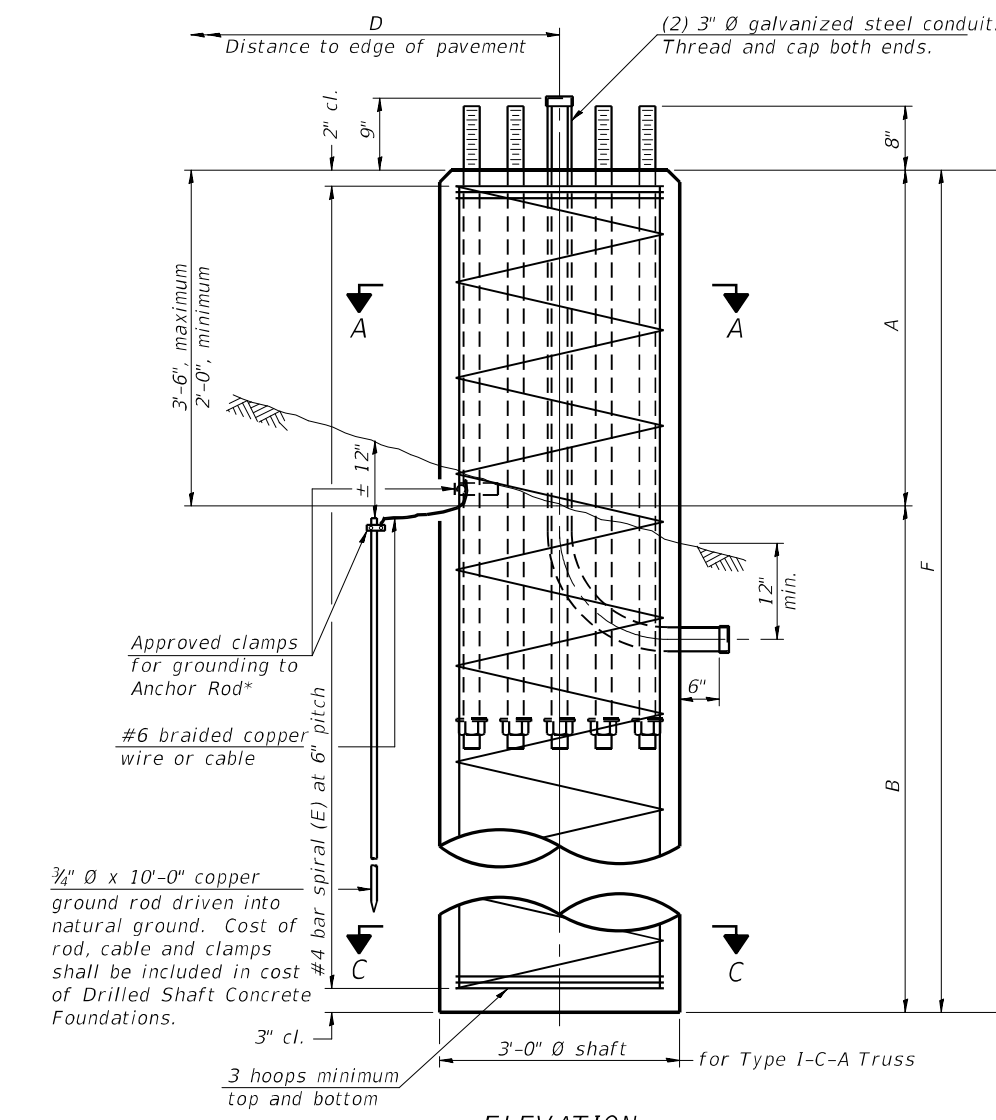
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CANTILEVER SIGN STRUCTURES - HANDRAIL DETAILS
ALUMINUM TRUSS & STEEL POST
SCALE: NTS SHEET 10 OF 25 SHEETS STA. TO STA.

F.A.I. RTE. 94	SECTION 2016-0681	COUNTY COOK/LAKE	TOTAL SHEETS 388	SHEET NO. 216
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

STR-10

* Grind anchor rod to bright finish at ground clamp location before installing clamp.



NOTES:
 The foundation dimensions shown in the Foundation Design Table are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown in the Foundation Data Table will be the result of site specific designs.
 If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.
 No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.
 Concrete shall be placed monolithically, without construction joints.
 Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.
 A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in "Drilled Shaft Concrete Foundation".

Truss Type	Post Base Sheet	Maximum Cantilever Length (ft)	Maximum Total Sign Area (sq ft)	Shaft Diameter (in)	"B" Depth (ft)	Anchor Rods		Anchor Rod Circle Diameter (in)
						No.	Diameter (in)	
I-C-A	OSC-A-4	25	170	3.0	16.0	8	2	22
II-C-A	OSC-A-5	30	170	3.5	17.0	12	2	30
II-C-A	OSC-A-5	30	340	3.5	21.5	12	2	30
III-C-A	OSC-A-5	35	170	3.5	19.0	12	2	30
III-C-A	OSC-A-5	35	250	3.5	22.5	12	2	30
III-C-A	OSC-A-5	35	400	3.5	26.5	12	2	30
III-C-A	OSC-A-5	40	400	3.5	32.0	12	2	30

Structure Number	Station	Truss Type	Shaft Diameter	Elevation Top	Elevation Bottom	Qu	A	B	F	Class DS Concrete Cubic Yards
1C016I094L044.9	**	III-C-A	3.5"	580.24	545.49***	1.25	2'-9"	32'-0"	34'-9"	12.50
1C049I094L018.2	1355+00	III-C-A	3.5"	683.53	658.28	2.5	2'-9"	22'-6"	25'-3"	9.50
1C049I094R016.2	1455+83	III-C-A	3.5"	698.83	673.58	1.5	2'-9"	22'-6"	25'-3"	9.50

** LATITUDE: 41°56'58.25 LONGITUDE: 87°43'20.92

***Bedrock encountered at Elevation 564.00'

OSC-A-9 MODIFIED

STR-11

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	USER NAME = patelhv	DESIGNED - JSD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CANTILEVER SIGN STRUCTURES - DRILLED SHAFT ALUMINUM TRUSS & STEEL POST	F.A.I. RTE. 94	SECTION 2016-068I	COUNTY COOK/LAKE	TOTAL SHEETS 388	SHEET NO. 217
	PLOT SCALE =	CHECKED - JRB	REVISED -			SCALE: NTS	SHEET 11 OF 25 SHEETS STA. TO STA.	CONTRACT NO. 62079		ILLINOIS FED. AID PROJECT
	PLOT DATE = 2/28/2020	DATE - 02/28/2020	REVISED -							

GENERAL NOTES

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications")

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

DESIGN STRESSES:
Field Units
f'c = 3,500 p.s.i.
fy = 60,000 p.s.i. (reinforcement)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53. All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer.

The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2)d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

U-BOLTS AND EYEBOLTS: U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: Shall conform to ASTM F1554 Gr. 105.

CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Concrete Sealer in accordance with the Standard Specifications.

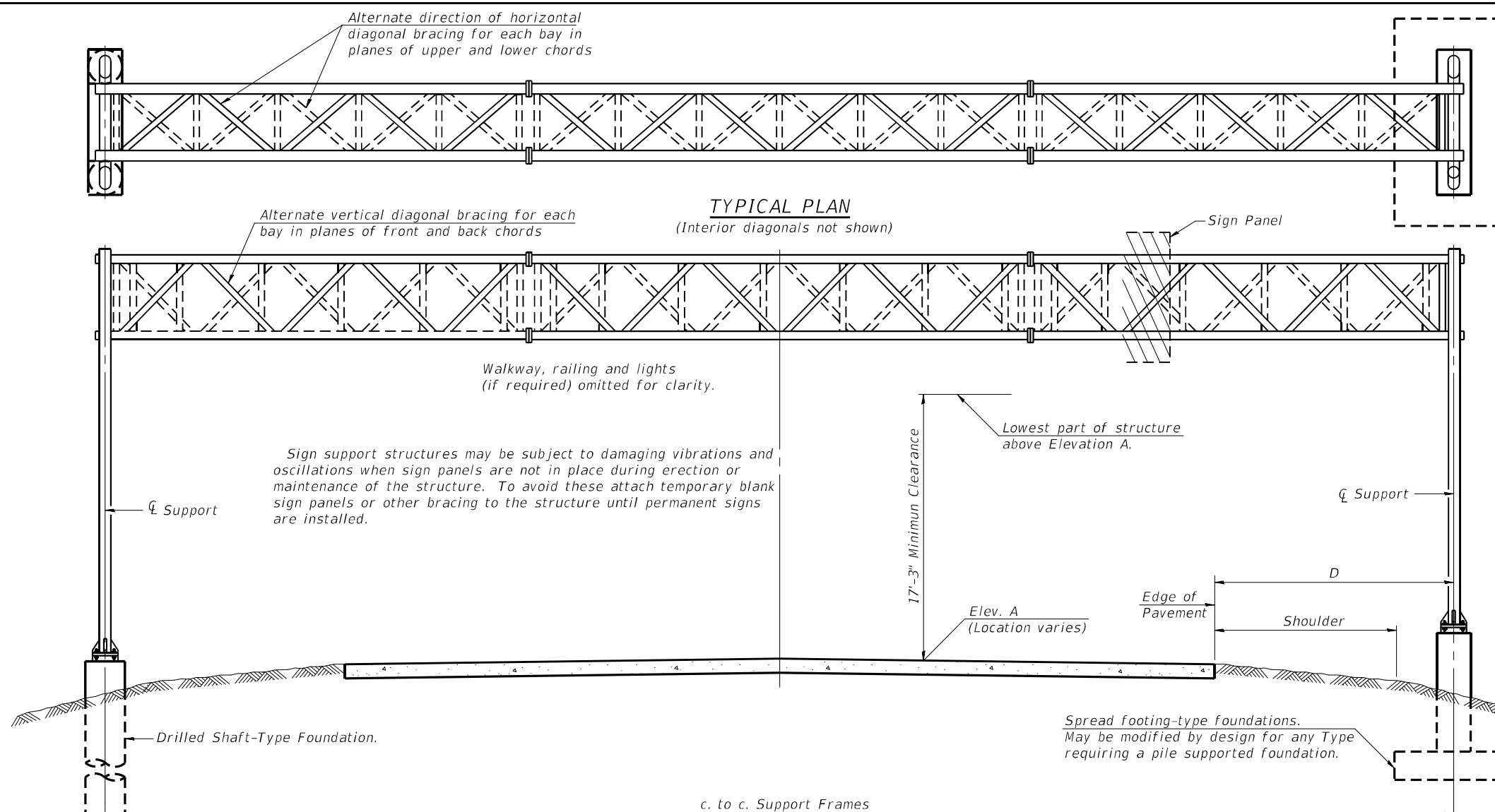
REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

FOUNDATIONS: The contract unit price for Concrete Foundations and Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
OVERHEAD SIGN STRUCTURE SPAN TYPE I-A	Foot	
OVERHEAD SIGN STRUCTURE SPAN TYPE II-A	Foot	
OVERHEAD SIGN STRUCTURE SPAN TYPE III-A	Foot	280
OVERHEAD SIGN STRUCTURE WALKWAY TYPE A	Foot	148
CONCRETE FOUNDATIONS	Cu. Yds.	22
DRILLED SHAFT CONCRETE FOUNDATIONS	Cu. Yds.	129

STR-12



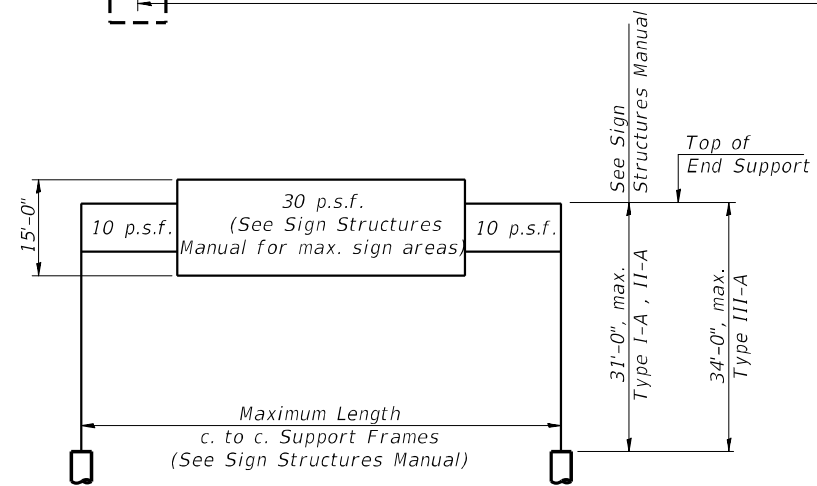
TYPICAL ELEVATION
(Looking at Face of Signs**)

Elev. A = Elevation at point of minimum clearance to sign, walkway support or truss.

Structure Number	Station	Design Truss Type	c. to c. Supports	Elev. A	Dim. D	Height of Tallest Sign	Total Sign Area
1S0161094R039.2	244+00	III-A	70'	612.35	18 FT	8 FT	240 SF
1S0161094R036.3	399+23	III-A	70'	653.45	18 FT	8 FT	240 SF
1S0161094R032.2	612+20	III-A	70'	628.99	22 FT	8 FT	240 SF
1S0161094L031.2	664+50	III-A	70'	630.38	18 FT	8 FT	240 SF

**Looking upstation for structures with signs both sides.

* If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for galvanizing and welding.



DESIGN WIND LOADING DIAGRAM

Parameters shown are basis for I.D.O.T. Standards and Sign Manual Tables. Installations not within dimensional limits shown require special analysis for all components.

05-A-1

2-17-2017

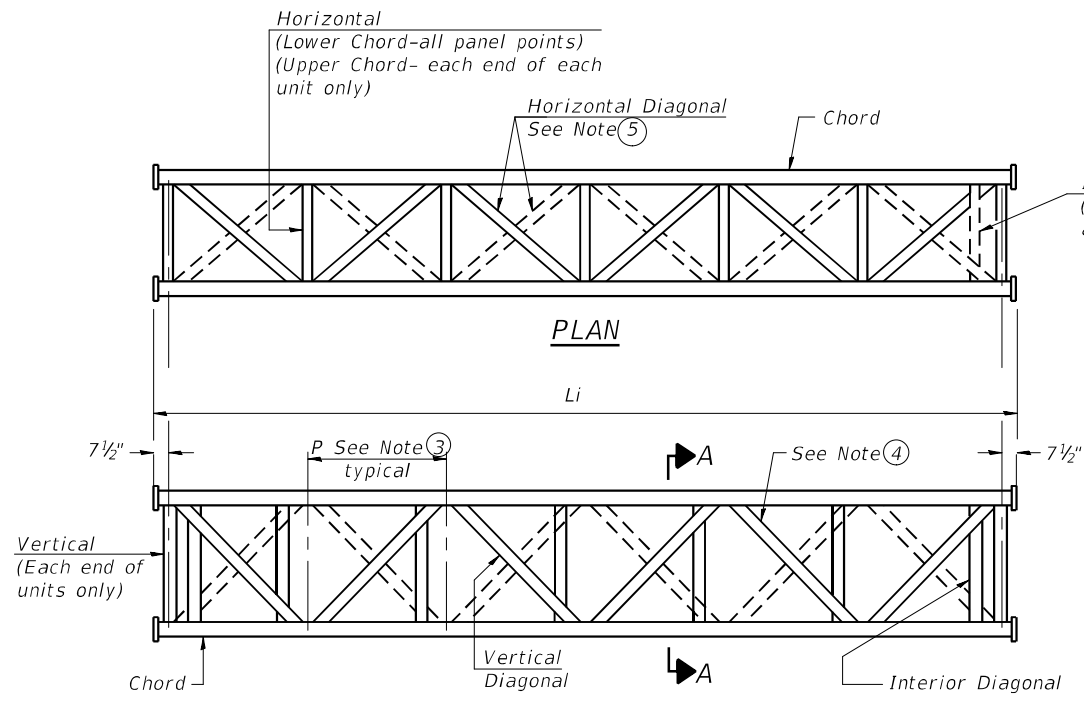
Jacobs	USER NAME = patelhv	DESIGNED - JSD	REVISED -
	PLOT SCALE =	DRAWN - JTB	REVISED -
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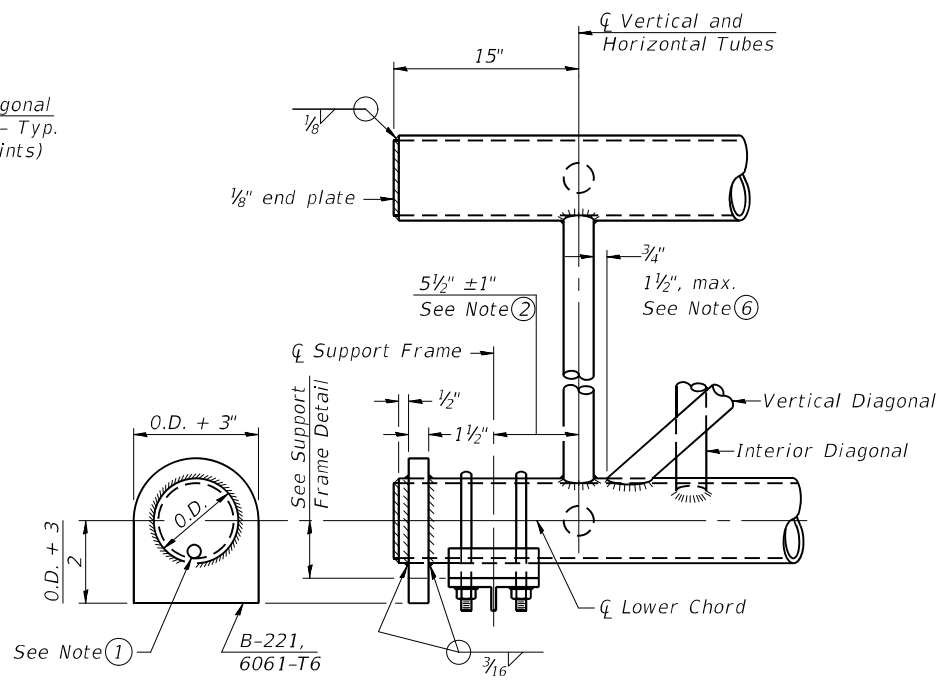
**OVERHEAD SIGN STRUCTURES - GENERAL PLAN &
ELEVATION - ALUMINUM TRUSS & STEEL SUPPORTS**

SCALE: NTS SHEET 12 OF 25 SHEETS STA. TO STA.

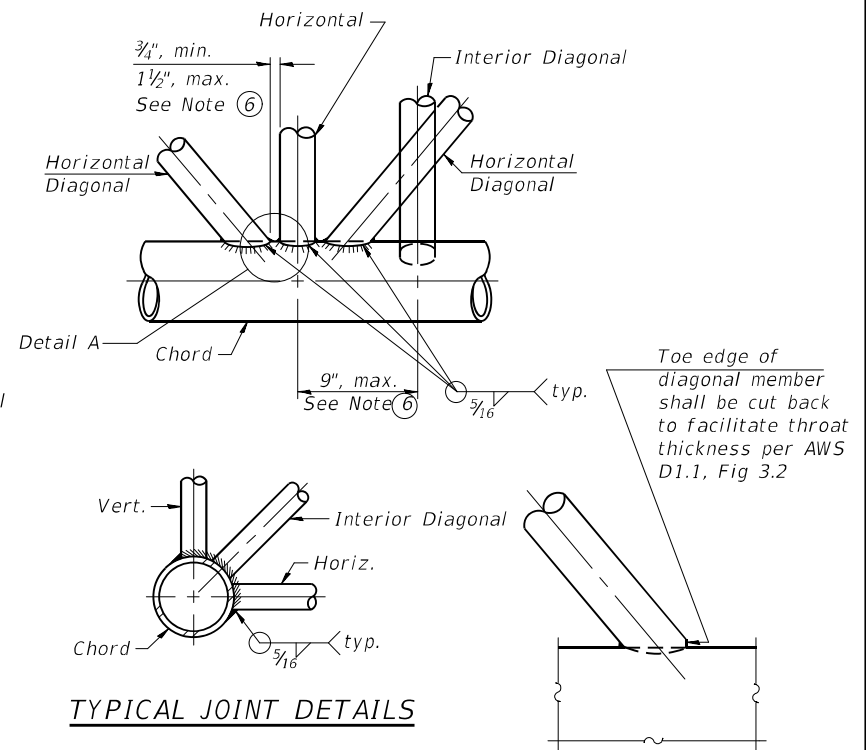
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	218
CONTRACT NO. 62079			ILLINOIS FED. AID PROJECT	



**ELEVATION
TYPICAL INTERIOR UNIT**
Even number of panels/interior unit required.

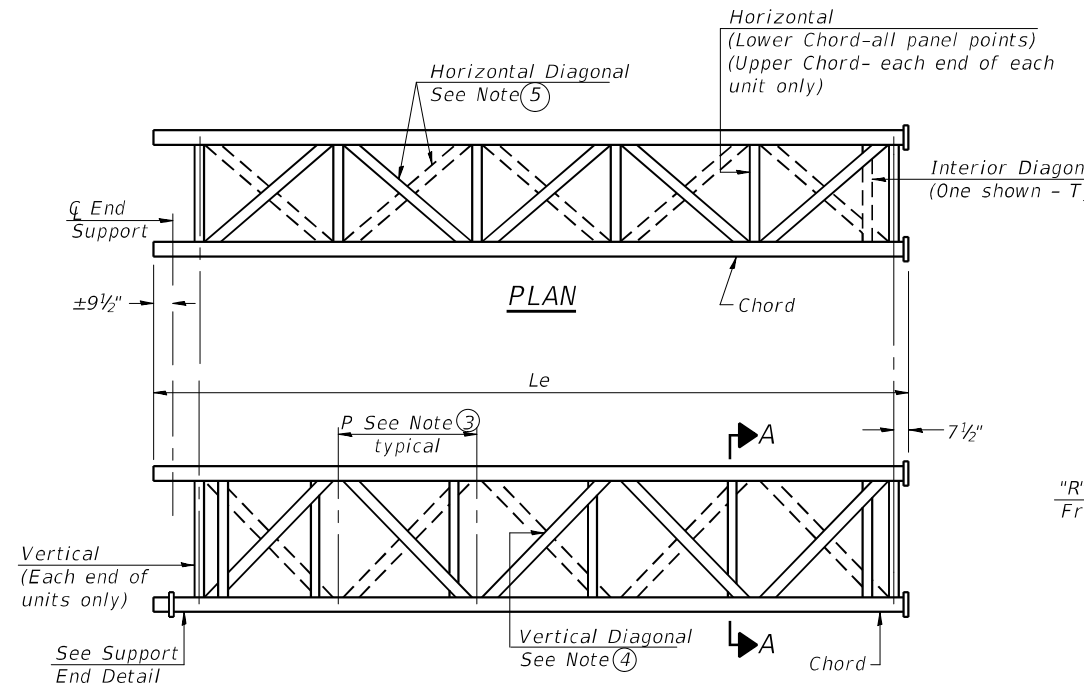


SUPPORT END DETAIL FOR EXTERIOR UNIT

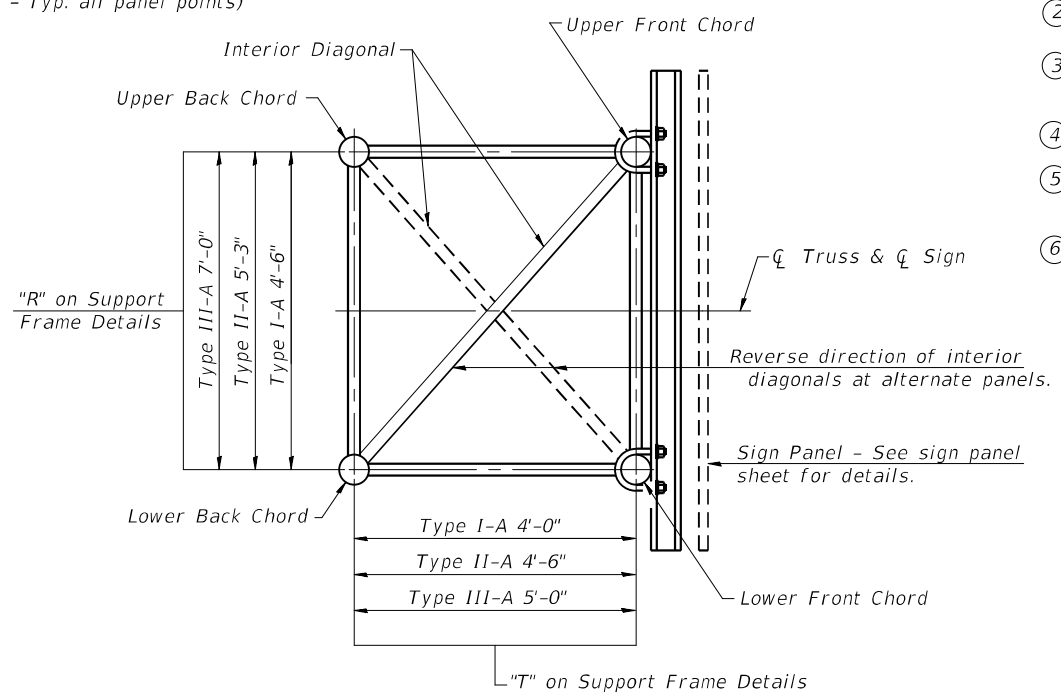


TYPICAL JOINT DETAILS

DETAIL A



**ELEVATION
TYPICAL EXTERIOR UNIT**
Even or odd number of panels/exterior units allowed.



SECTION A-A

- ① Contractor may alternatively use standard aluminum drive-fit cap to close end. 1/2" Ø drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- ② 5 1/2" end dimension may vary by ±1" to provide uniform panel spacing (P).
- ③ Panel spacing (P) shall be uniform for entire truss and between 4'-0" and 5'-0" for Type I-A or 4'-0" and 5'-6" for Types II-A and III-A.
- ④ Vertical Diagonals in front and back face shall alternate.
- ⑤ Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
- ⑥ All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a 3/4" minimum to 1 1/2" maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.

C:\Users\ASB-APP\666CS\pcc\pcc\com\NAA\Documents\C94286800_1-94_U.S.-41\C94286800_7800\adda\713\truss\62079\Fiber\NG24.DWG_SIGN_SIGN.SPAN_2.dwg
 05-A-2
 2-17-2017

05-A-2

2-17-2017

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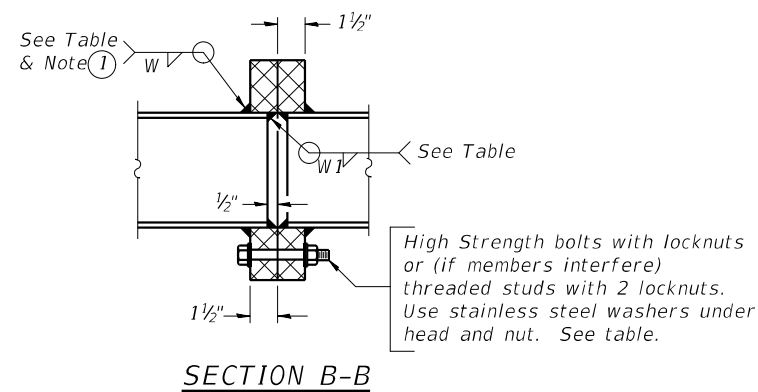
**OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS
DETAILS FOR TRUSS TYPES I-A, II-A AND III-A**
SCALE: NTS SHEET 13 OF 25 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	219
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

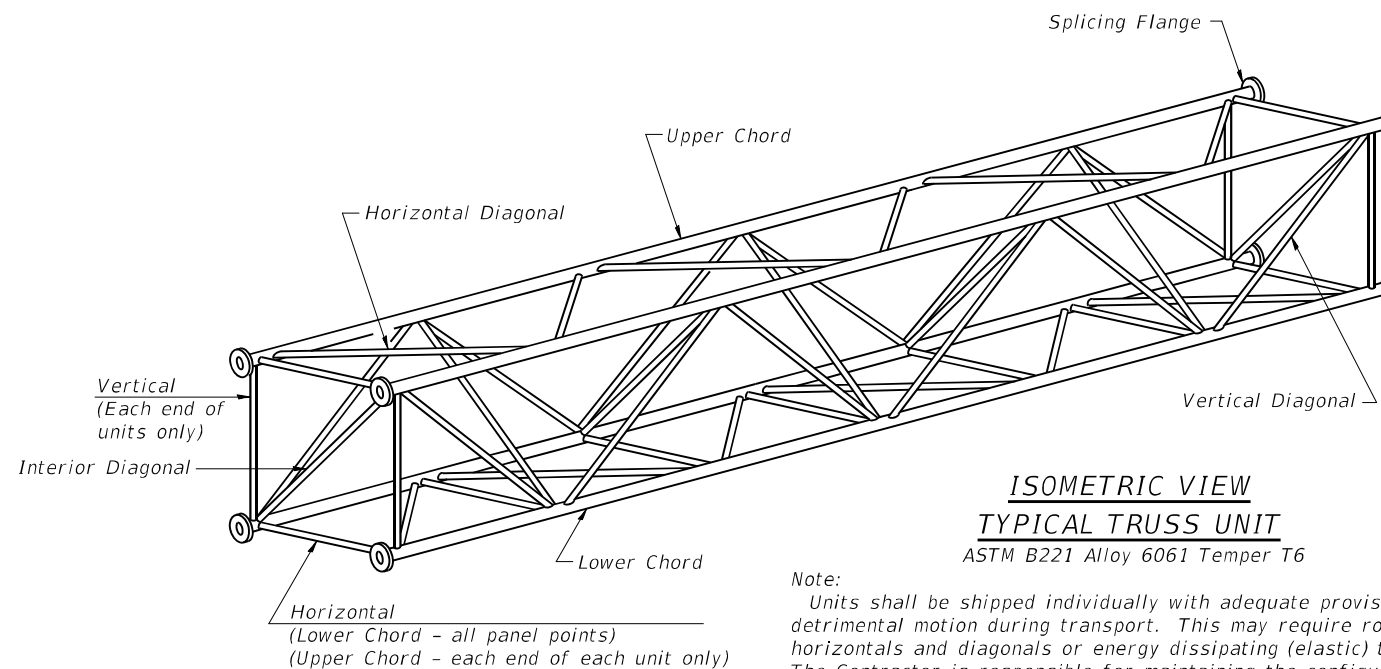
STR-13

TRUSS UNIT TABLE

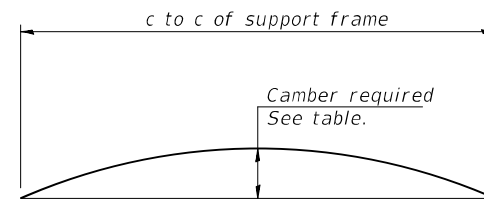
Structure Number	Station	Design Truss Type	Exterior Units (2)			Interior Unit				Upper & Lower Chord		Verticals; Horizontal; Vertical, Horizontal, and Interior Diagonals		Camber at Midspan	Splicing Flange					
			No. Panels per Unit	Unit Lgth.(Le)	Panel Lgth.(P)	No. Req'd.	No. Panels per Unit	Unit Lgth.(Li)	Panel Lgth.(P)	O.D.	Wall	O.D.	Wall		Bolts		Weld Sizes		A	B
															No./Splice	Dia.	W	WI		
1S0161094R039.2	244+00	III-A	7	35'-8 1/2"	4'-10"	0	0	0	0	7"	5/16"	3 1/4"	5/16"	7/8"	6	1"	7/16"	5/16"	11 1/2"	15"
1S0161094R036.3	399+23	III-A	7	35'-8 1/2"	4'-10"	0	0	0	0	7"	5/16"	3 1/4"	5/16"	7/8"	6	1"	7/16"	5/16"	11 1/2"	15"
1S0161094R032.2	612+20	III-A	7	35'-8 1/2"	4'-10"	0	0	0	0	7"	5/16"	3 1/4"	5/16"	7/8"	6	1"	7/16"	5/16"	11 1/2"	15"
1S0161094L031.2	664+50	III-A	7	35'-8 1/2"	4'-10"	0	0	0	0	7"	5/16"	3 1/4"	5/16"	7/8"	6	1"	7/16"	5/16"	11 1/2"	15"



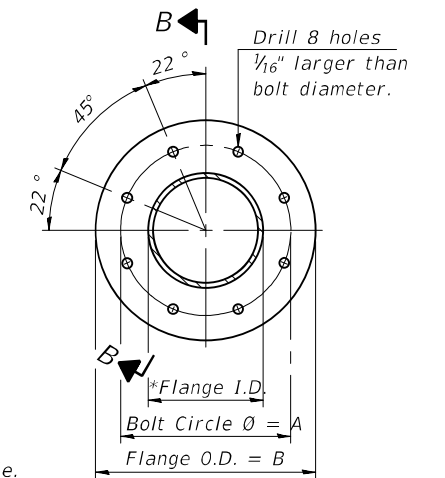
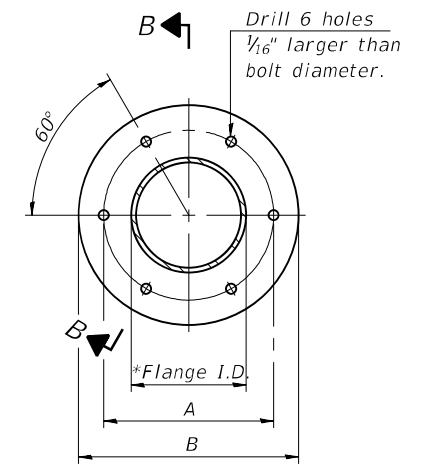
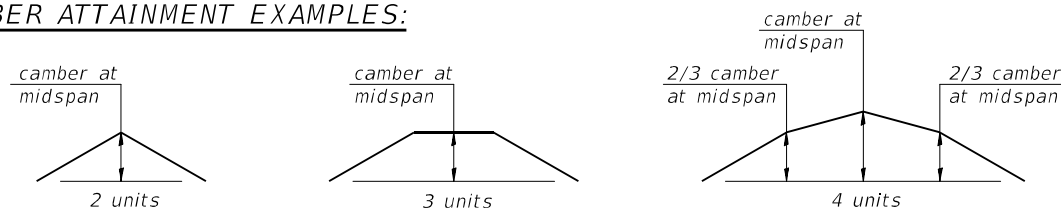
① Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining welds are made after disassembly. Adjacent flanges shall be "match marked" to insure proper field assembly.



Note:
Units shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The Contractor is responsible for maintaining the configuration and protection of the units.



CAMBER ATTAINMENT EXAMPLES:



054-A-2

2-17-2017

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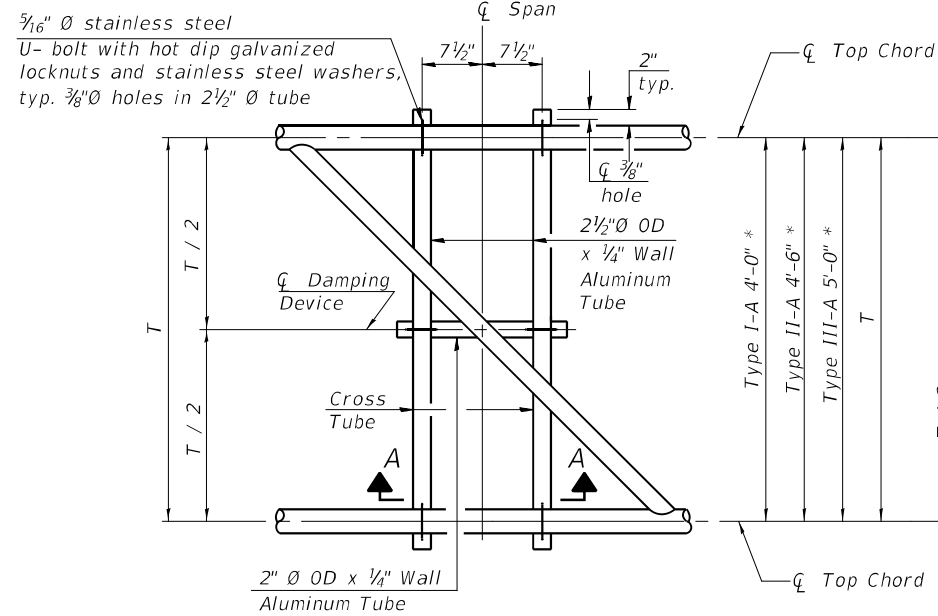
**OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS DETAILS
FOR TRUSS TYPES I-A, II-A AND III-A**

SCALE: NTS SHEET 14 OF 25 SHEETS STA. TO STA.

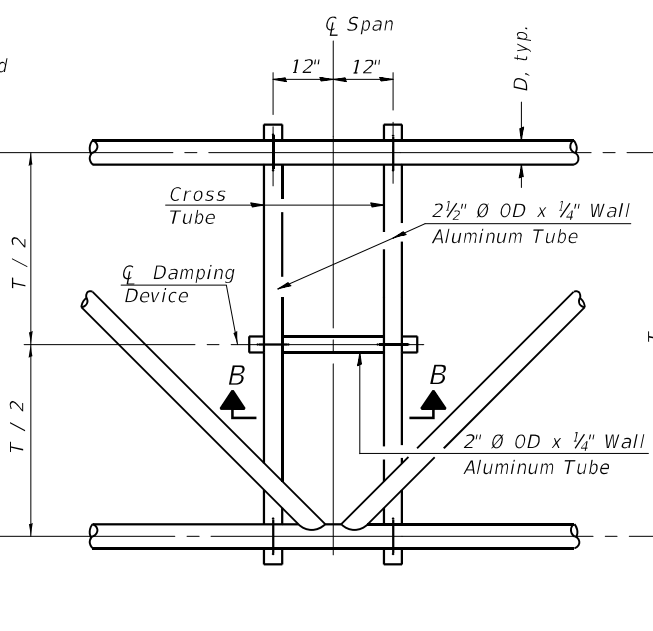
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	220
CONTRACT NO. 62079			ILLINOIS FED. AID PROJECT	

STR-14

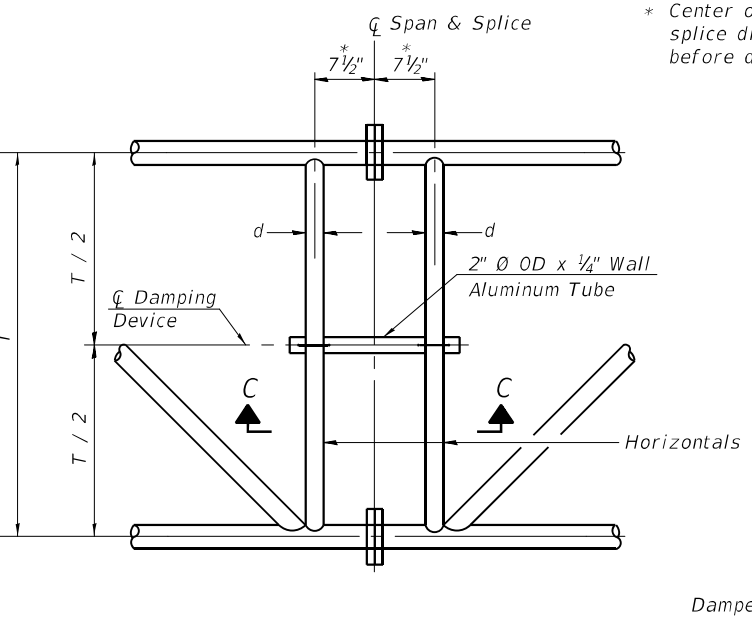
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PLAN DETAIL "A"
Span between Panel Points



PLAN DETAIL "B"
Span at Panel Point



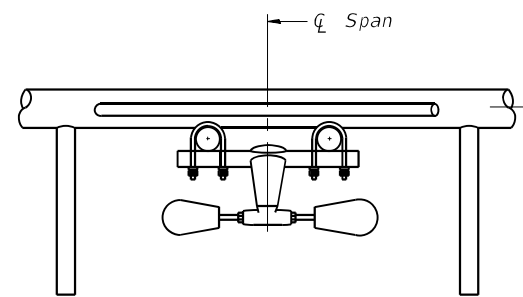
PLAN DETAIL "C"
Span at Chord Splice

* Center of horizontal to center of splice dimension may vary. Verify before drilling holes in mounting tube.

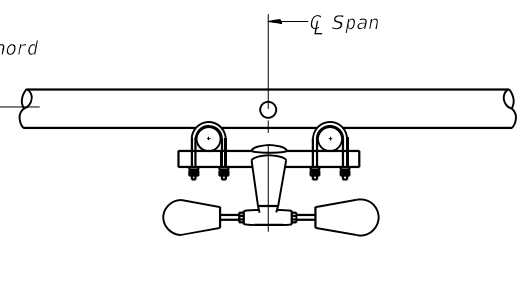
NOTES

Damper: One damper per truss. (31 lbs. minimum Stockbridge-Type Aluminum - 29" minimum between ends of weights) Cost included in Overhead Sign Structure...

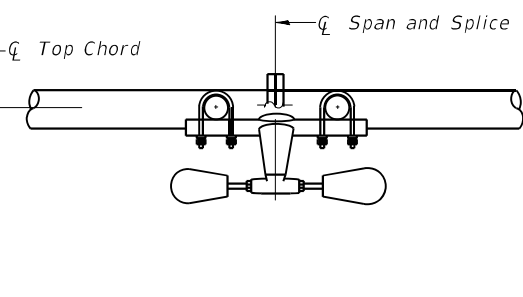
Materials: Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in Overhead Sign Structure...



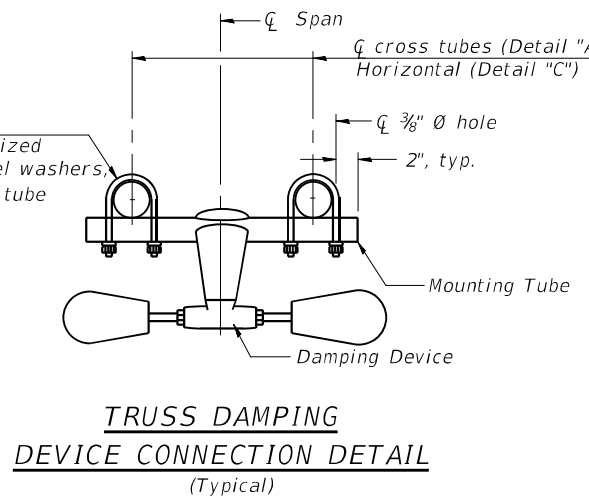
SECTION A-A



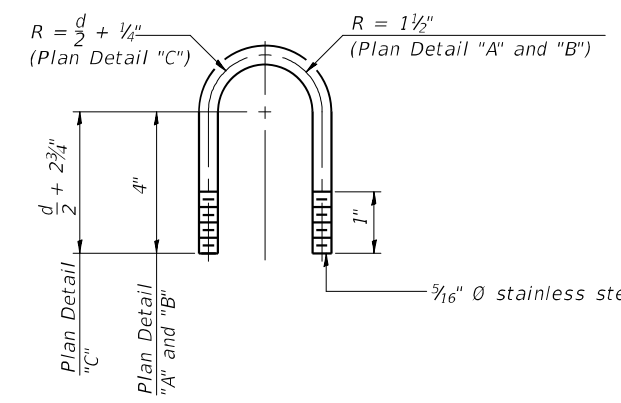
SECTION B-B



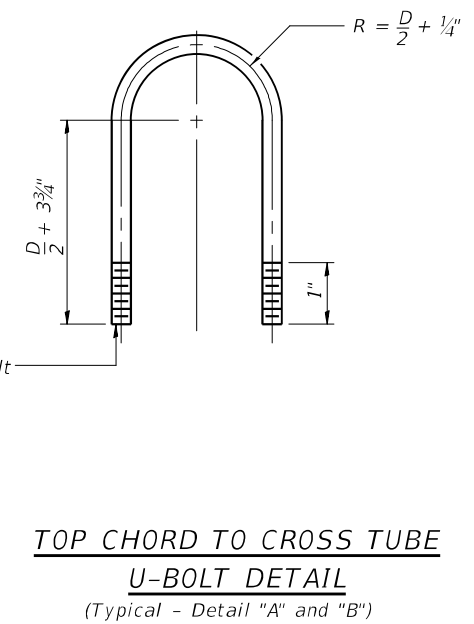
SECTION C-C



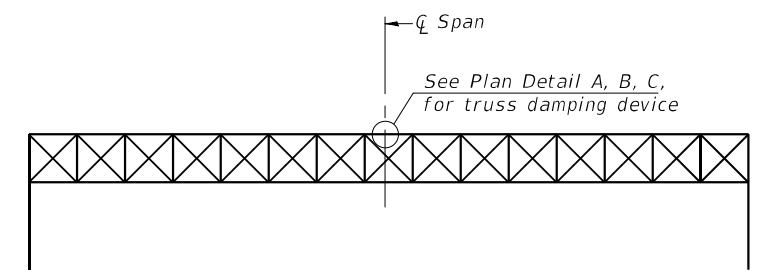
TRUSS DAMPING DEVICE CONNECTION DETAIL (Typical)



DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL (Typical)



TOP CHORD TO CROSS TUBE U-BOLT DETAIL (Typical - Detail "A" and "B")



ELEVATION
Aluminum Overhead Sign Truss

05-A-D

2-17-2017

STR-15

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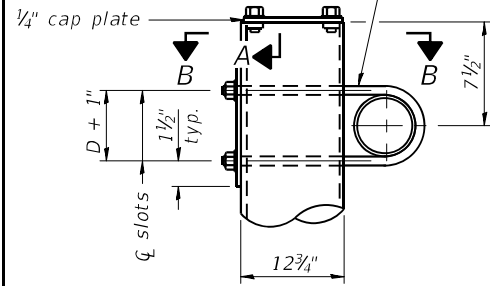
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURE
DAMPING DEVICE

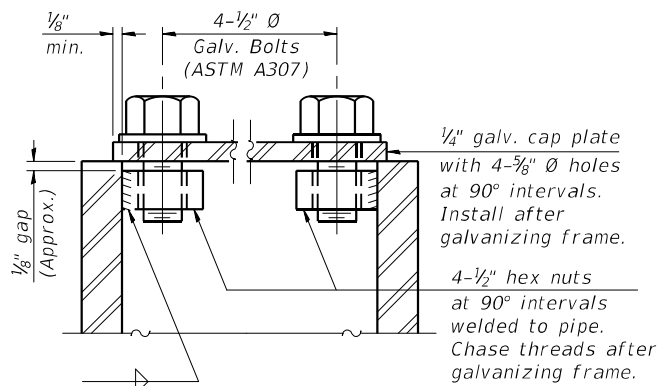
SCALE: NTS SHEET 15 OF 25 SHEETS STA. TO STA.

F.A.I RTE. 94	SECTION 2016-068I	COUNTY COOK/LAKE	TOTAL SHEETS 388	SHEET NO. 221
CONTRACT NO. 62079				ILLINOIS FED. AID PROJECT

3/4" Ø stainless steel U-bolt.
Provide two washers and two hexagon locknuts. (4)
1 3/16" x 2" slots on 1/2" Ø pipe.
(4 slots required per pipe)

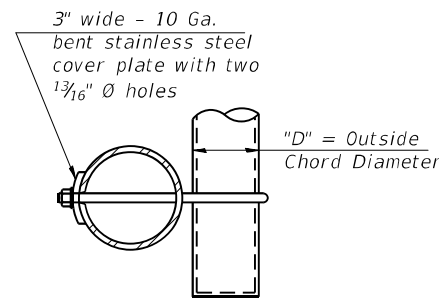


DETAIL A

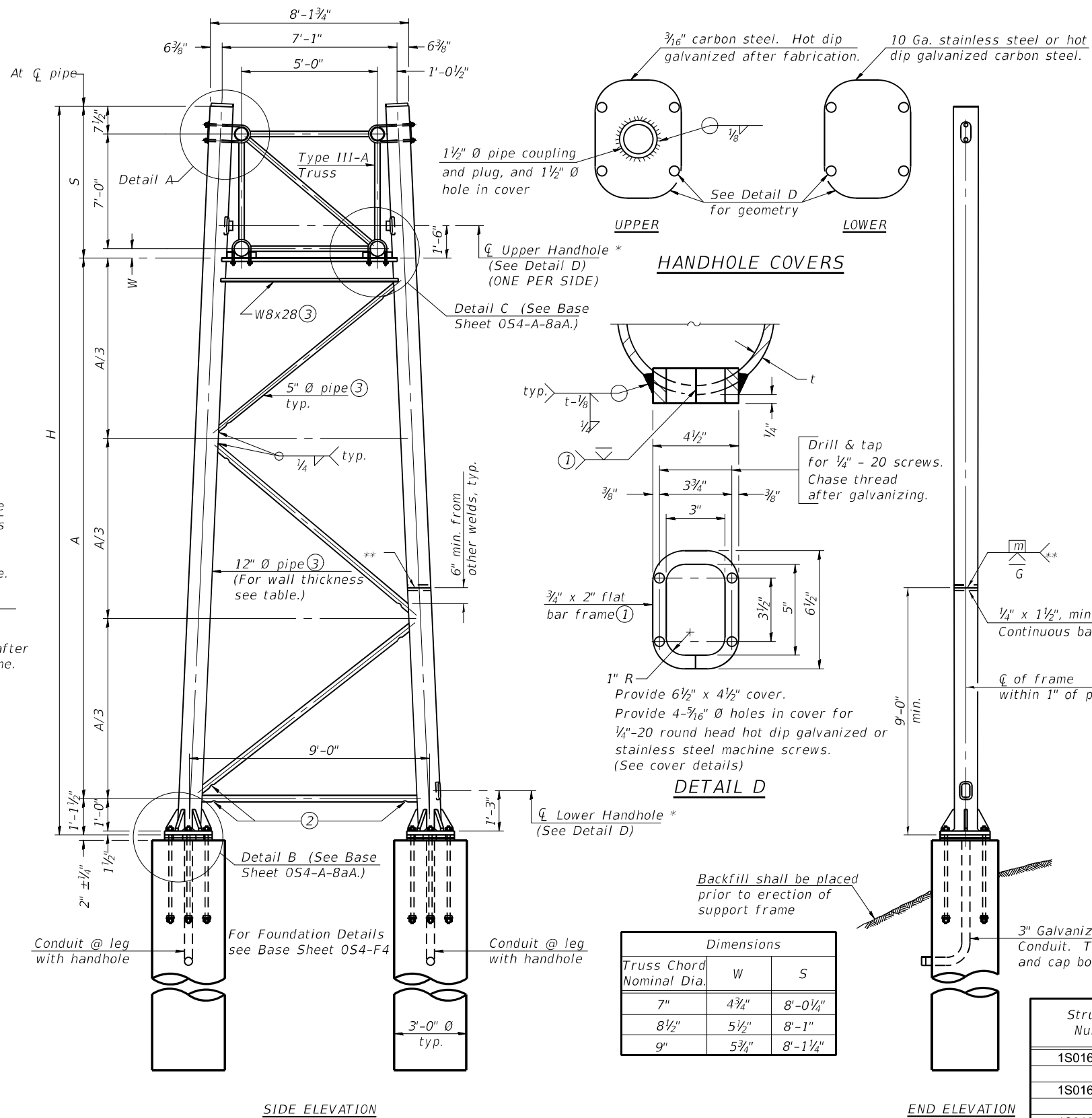


SECTION A-A

As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.



SECTION B-B



Dimensions		
Truss Chord Nominal Dia.	W	S
7"	4 3/4"	8'-0 1/4"
8 1/2"	5 1/2"	8'-1"
9"	5 3/4"	8'-1 1/4"

TRUSS SUPPORT DETAILS

(12" Ø Pipe-Type III-A Truss)

** One butt welded joint is allowed only on one post per support frame. If used, weld procedure must be pre-approved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

Support Design Loads: See Base Sheet 05-A-1 for design and loading criteria.

- Load combinations checked include deadload plus:
 - a) 100% wind normal to sign, 20% parallel to sign
 - b) 60% wind normal to sign, 30% parallel to sign

- In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 µin or less.
- Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet 05-A-1.
- See General Notes for fasteners.
- Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.
- "H" based on 15'-0" or actual sign height, whichever is greater.

* For dynamic message sign installations, provide upper and lower handholes in both legs of each support frame.

Structure Number	Station	Support		Pipe Wall Thickness	H (6)	A
		Left	Right			
1S016I094R039.2	244+00	X		.33	28'-0 1/8"	18'-11 1/8"
1S016I094R036.3	399+23	X	X	.33	29'-0 3/8"	19'-10 5/8"
1S016I094R032.2	612+20	X	X	.33	28'-3 1/4"	19'-1 1/2"
1S016I094L031.2	664+50	X		.33	27'-11 3/8"	18'-9 1/8"
			X	.33	30'-5 3/8"	21'-3 3/8"
			X	.33	29'-11"	20'-9 1/4"
				.33	27'-11 3/8"	18'-9 1/8"

054-A-8a MODIFIED

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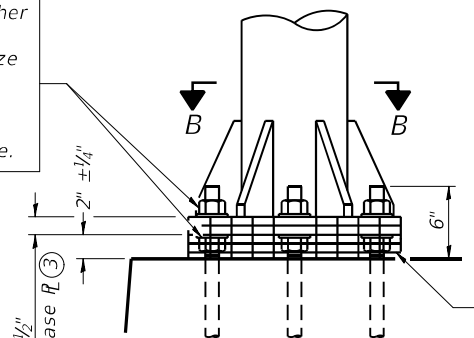
OVERHEAD SIGN STRUCTURES - SUPPORT FRAME
FOR TYPE III-A ALUMINUM TRUSS

SCALE: NTS SHEET 16 OF 25 SHEETS STA. TO STA.

F.A.I. RTE. 94	SECTION 2016-068I	COUNTY COOK/LAKE	TOTAL SHEETS 388	SHEET NO. 222
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

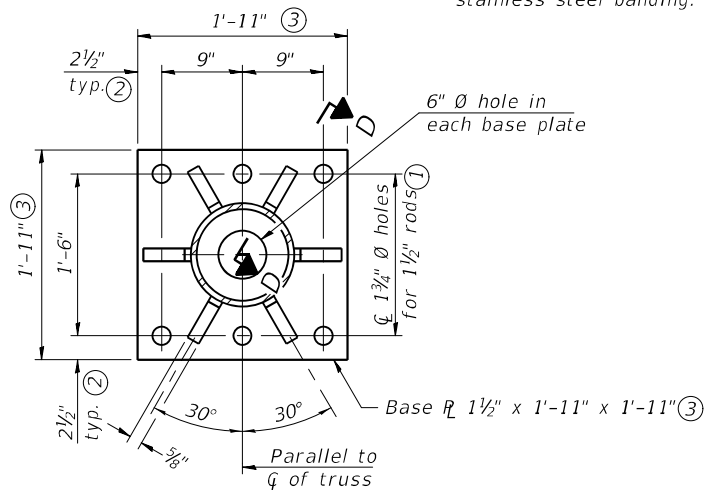
STR-16

Hexagon locknut and washer (top), leveling nut and washer (bottom). Galvanize per AASHTO M232. Nuts shall each be tightened against base plate with 200 lb.-ft. minimum torque.

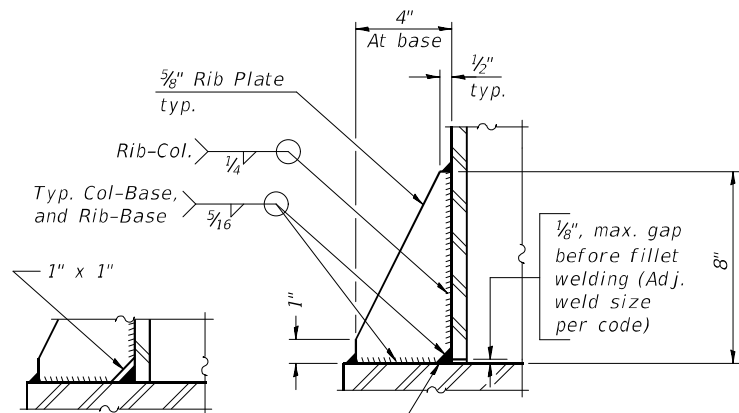


DETAIL B
Ribs shall be cut to fit slope of pipe.

Stainless Steel Standard Grade Wire Cloth, 3" wide, 1/4" maximum opening with a minimum wire diameter of AWG. No. 16 with a minimum 2" lap. Secure to base plate after erection with 3/4" stainless steel banding.



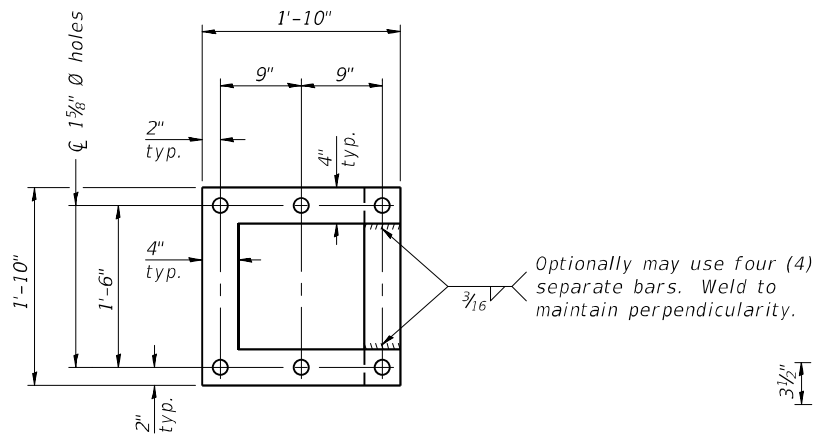
SECTION B-B



SECTION D-D

** Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4" from snip.

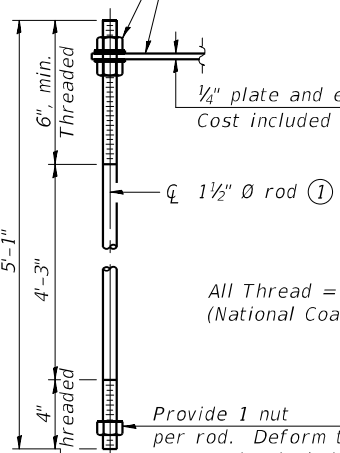
No snip req'd. at rib inside corner if placed before col. to base plate welding.**



POSITIONING PLATE(S)

Optionally may use four (4) separate bars. Weld to maintain perpendicularity.

At each location, provide 1/4" thick positioning plate(s) and six (6) additional nuts to be used with leveling nuts to maintain anchor bolts position during concrete placement.



ANCHOR ROD DETAIL

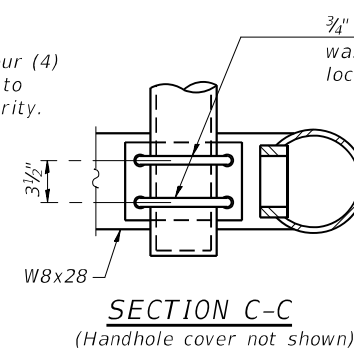
Anchor rods shall conform to ASTM F1554 Grade 105 Galvanize upper 12" minimum per AASHTO M232. No welding shall be permitted on rods.

TYPE III-A TRUSS

12" Ø PIPE SUPPORT FRAME DETAILS

Notes:
For Type III-A Truss spans greater than 150 ft, and up to 160 ft.:

- ① 1 3/4" Ø rod, 2" Ø holes
- ② 2 3/4" edge distance
- ③ Base Pl 1 1/2" x 1'-11 1/2" x 1'-11 1/2"



SECTION C-C
(Handhole cover not shown)

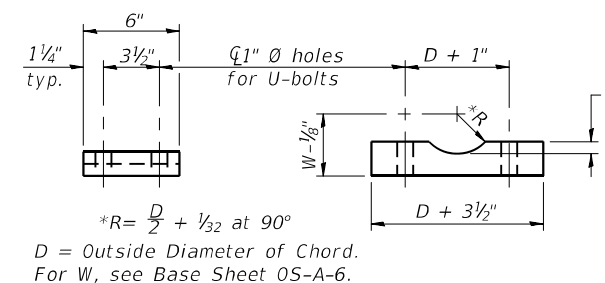
3/4" Ø U-bolts. Provide washers and hexagon locknuts. (2 required)

Field drill 1 5/16" Ø holes Touch up holes with galvanizing paint.

Drain hole (See Base Sheet OS-A-2.)

1/8" fabric or neoprene pad.

DETAIL C



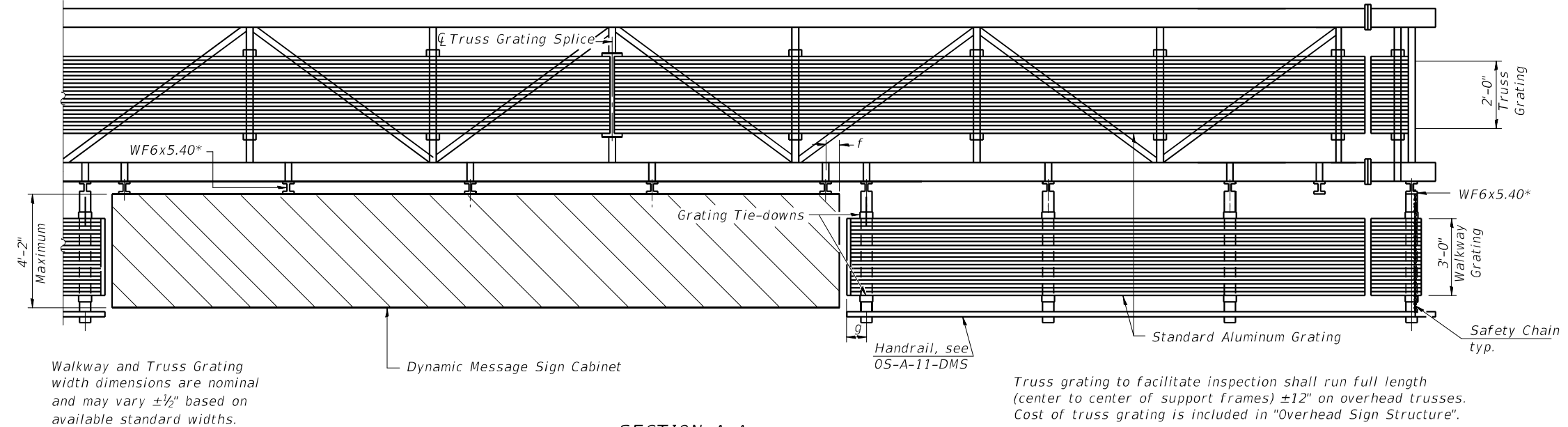
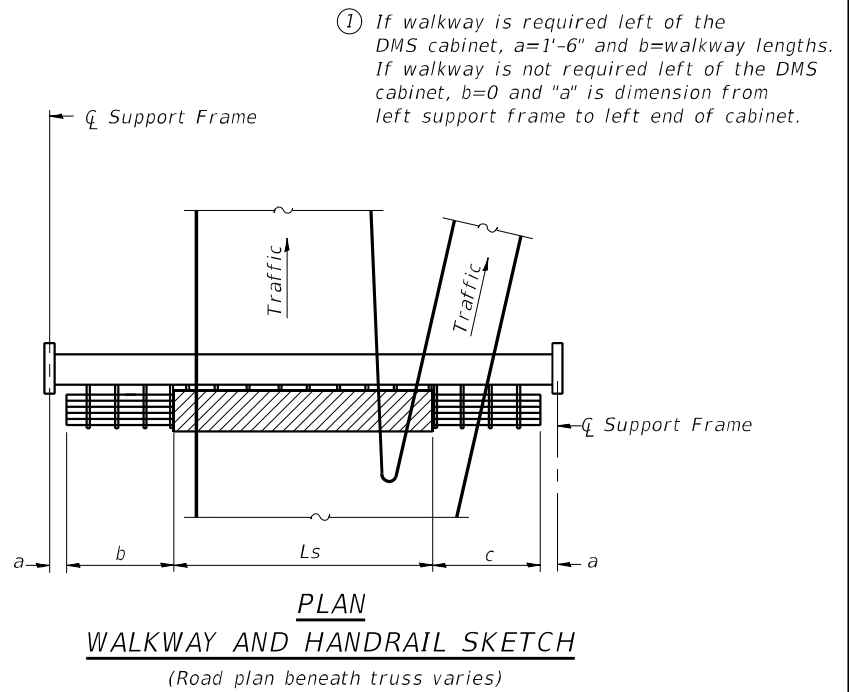
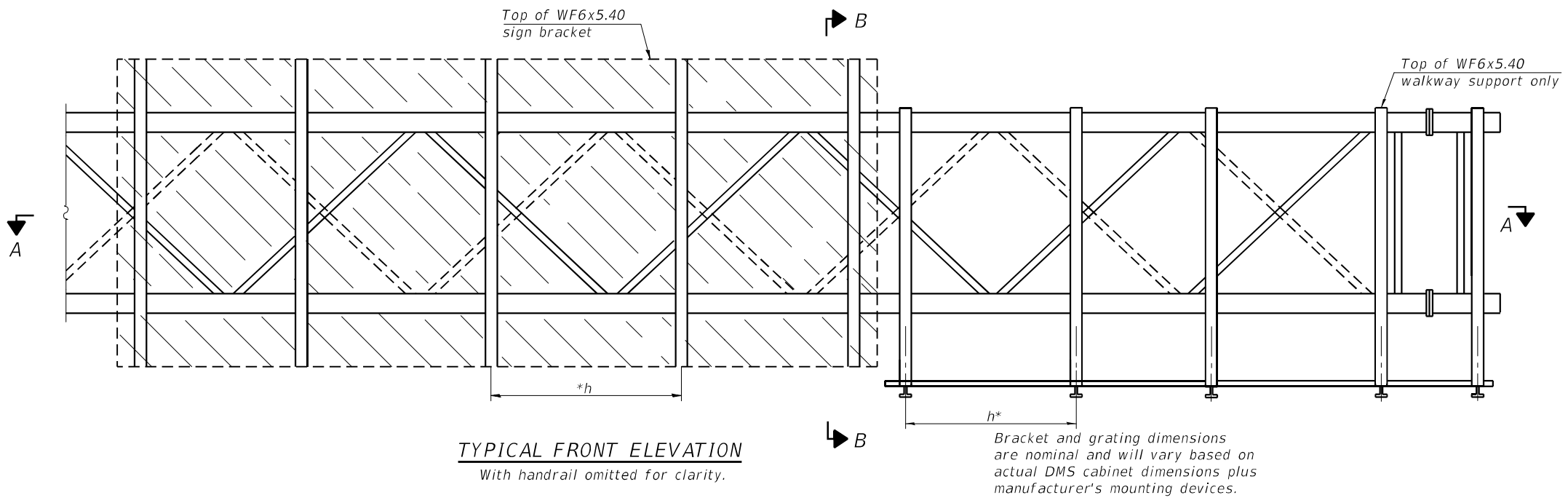
SADDLE SHIM DETAIL

ASTM B26 Alloy 356-F
or
ASTM B209 Alloy 6061-T651
(4 required per sign truss)

Truss Chord Nominal Dia.	a
7"	1"
8 1/2"	1 1/4"
9"	1 3/8"

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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-0681	COOK/LAKE	388	223
CONTRACT NO. 62079			ILLINOIS FED. AID PROJECT	



BRACKET TABLE

WF6x5.40 ASTM B308, Alloy 6061-T6		
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Grating and handrail splices placed as needed.

Structure Number	Station	a	b	c	Ls	Walkway Grating and Handrail Lengths
1S0161094R039.2	244+00	1'-6"	11.5'	25.5'	30'	37'
1S0161094R036.3	399+23	1'-6"	13.5'	23.5'	30'	37'
1S0161094R032.2	612+20	1'-6"	13.5'	23.5'	30'	37'
1S0161094L031.2	664+50	1'-6"	13.5'	23.5'	30'	37'

Notes:
 * Space walkway brackets WF6x5.40 for efficiency and within limits shown:
 f = 12" maximum, 4" minimum (End of sign to center of nearest bracket)
 g = 12" maximum, 4" minimum (End of walkway grating to center of nearest support bracket)
 h = 6'-0" maximum (center to center of sign and/or walkway support brackets, WF6x5.40)
 Maximum DMS weight = 5000 lbs. 4'-2" maximum cabinet depth includes depth of cabinet plus connection to WF6x5.40.
 For Section B-B and Grating Splice Details, see Base Sheet OS-A-10-DMS.
 For Handrail Splice Details, see Base Sheet OS-A-11-DMS.

OS-A-9-DMS

2-17-2017

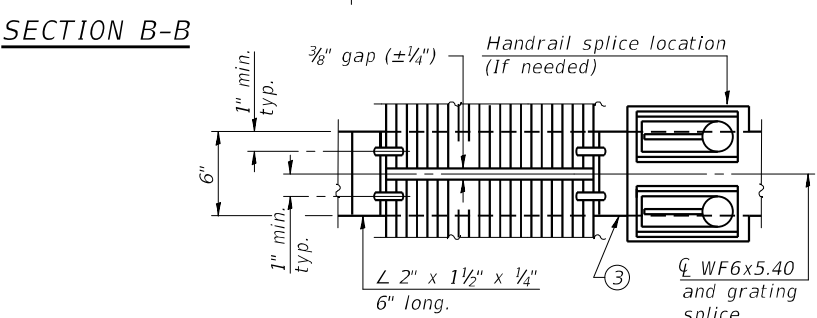
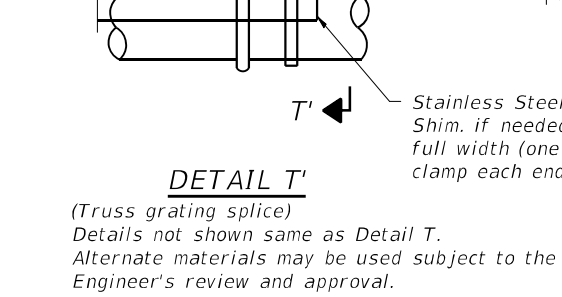
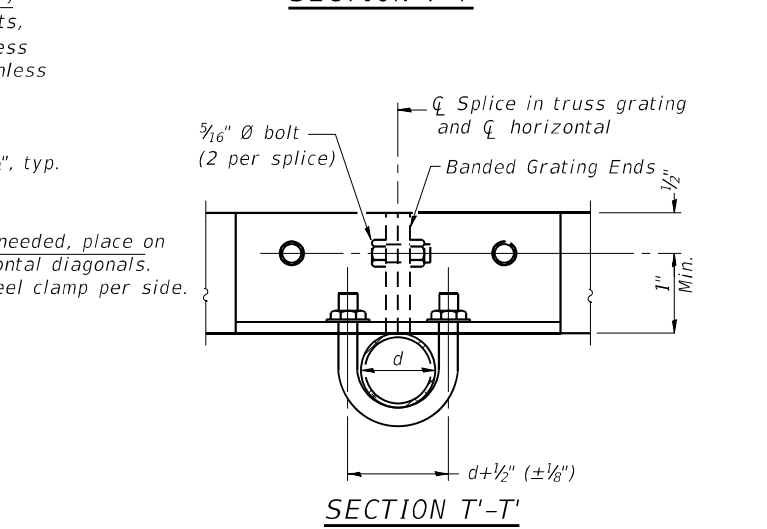
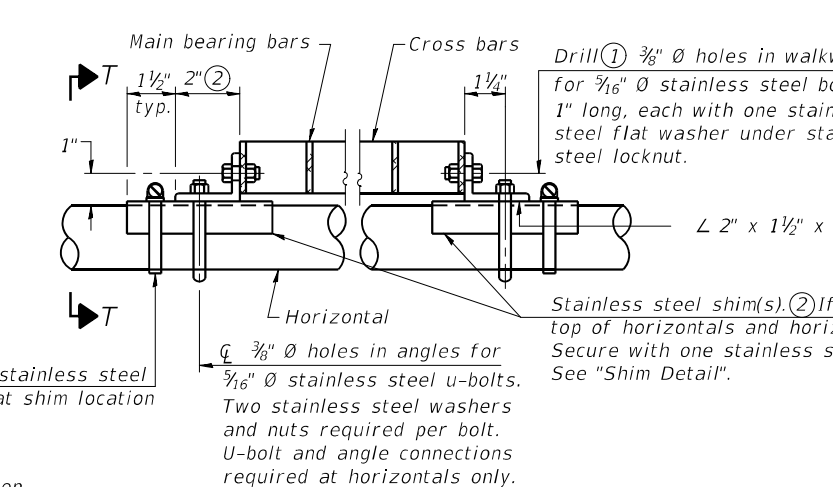
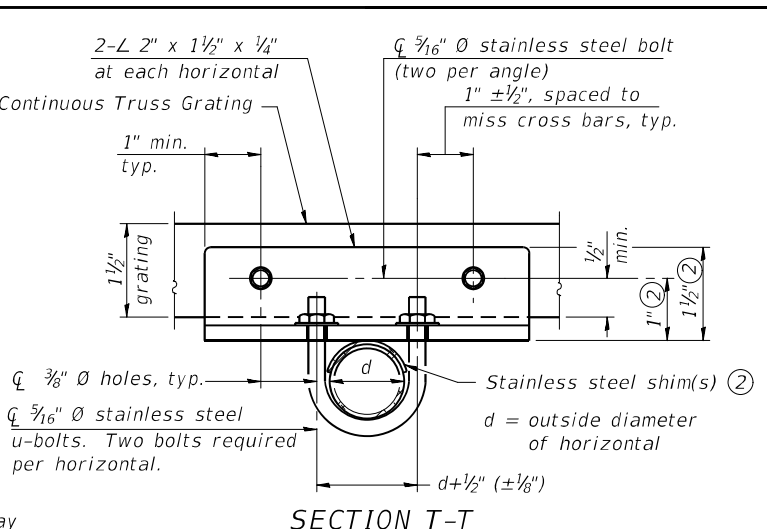
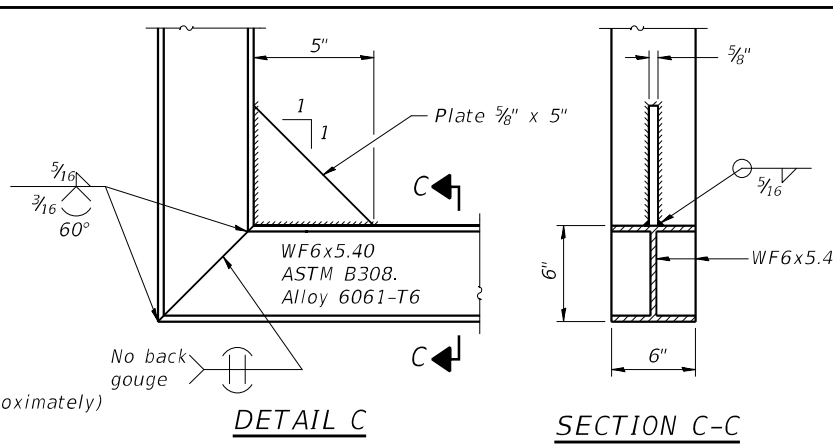
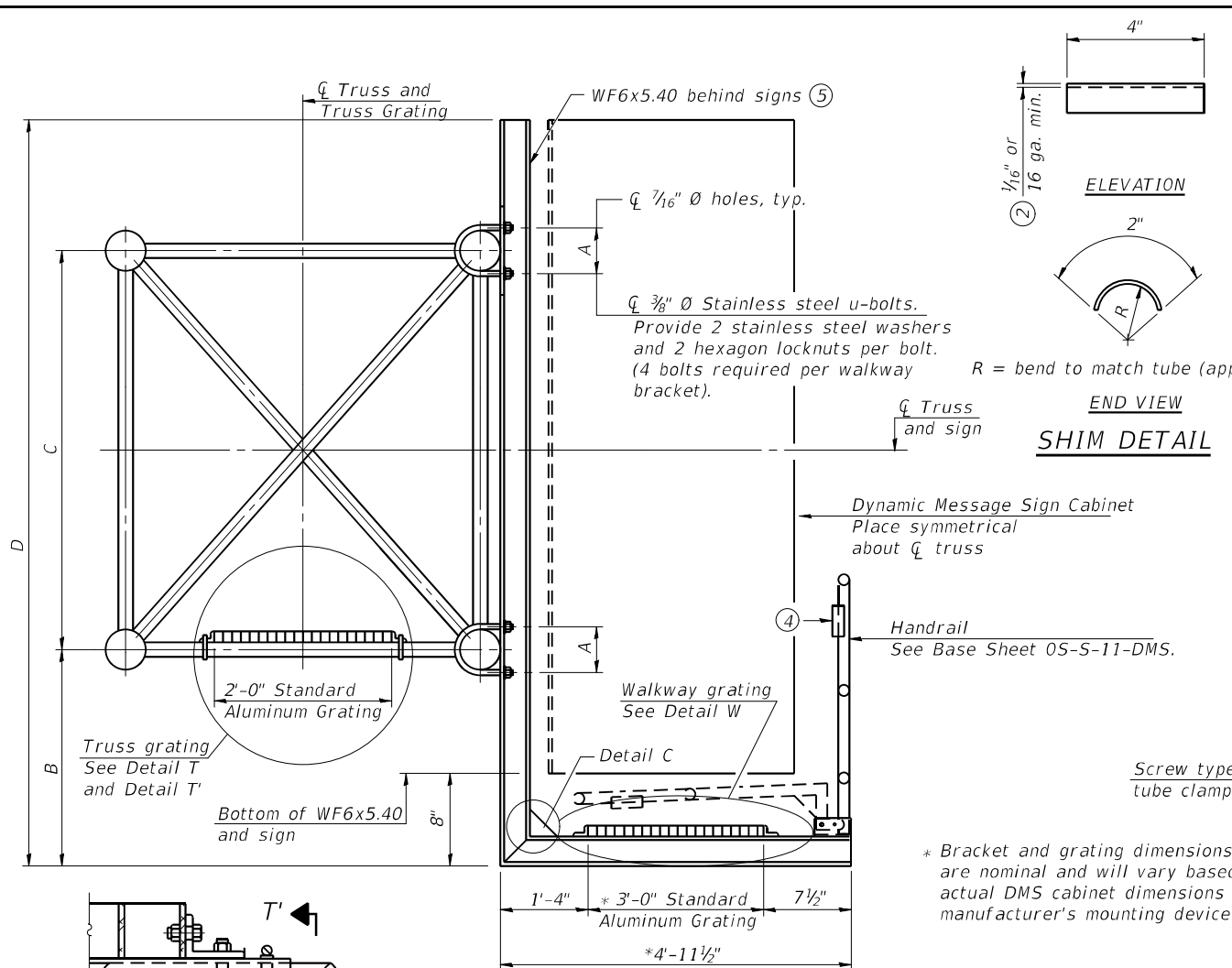
Jacobs	USER NAME = patelhv	DESIGNED - JSD	REVISED -
	PLOT SCALE =	DRAWN - JTB	REVISED -
	PLOT DATE = 2/28/2020	CHECKED - JRB	REVISED -
		DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**OVERHEAD SIGN STRUCTURES
ALTERNATE ALUMINUM WALKWAY DETAILS FOR DMS**
SCALE: NTS SHEET 18 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-0681	COOK/LAKE	388	224
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

STR-18



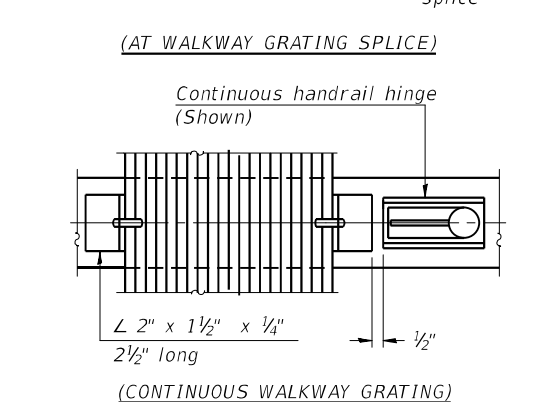
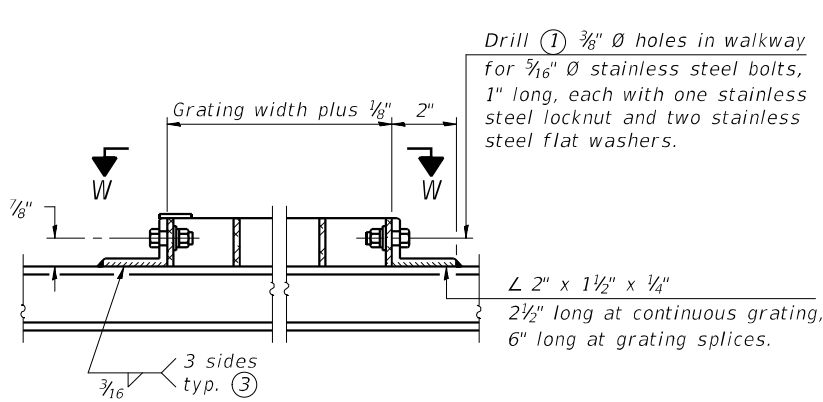
SPECIFICATIONS FOR STANDARD ALUMINUM GRATING

Main Bearing Bars shall be 3/16" x 1 1/2" on 1 3/16" centers and conform to ASTM B211 Alloy 6061-T6.
 Cross bars shall be 3/16" x 1 1/2" on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

OR

Aluminum Grating with modified "t" sections for main bearing bars shall meet the following requirements:

Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.³ per bar, a depth of 1 1/2", spaced on 1 3/16" centers.
 Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.



Structure Number	Station	A	⑥ B	C	⑥ D
1C016I094R039.2	244+00	7.5"	1'-2"	7'-0"	8'-8"
1C016I094R036.3	399+23	7.5"	1'-2"	7'-0"	8'-8"
1C016I094R032.2	612+20	7.5"	1'-2"	7'-0"	8'-8"
1C016I094L031.2	664+50	7.5"	1'-2"	7'-0"	8'-8"

- ① Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- ② Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- ③ If Handrail Joint present, weld angle to WF(A-N)4 and 1/4" extension bars. (See Base Sheet 05-A-11.)
- ④ L 1/8" x 1/2" x 2" welded to handrail posts to protect locations that contact grating.
- ⑤ Cabinet manufacturer must design and supply hardware for connection of cabinet to WF6's. Bolts must be stainless steel or hot dip galvanized high strength per IDOT specifications.
- ⑥ Based on actual height of tallest sign given on 05-A-1.

05-A-10-DMS 2-17-2017

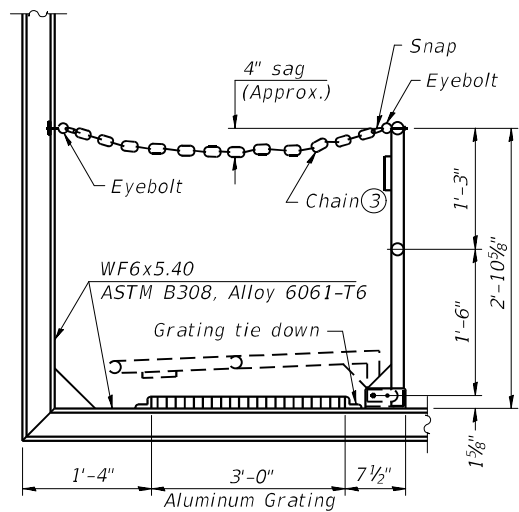
Jacobs	USER NAME = patelhv	DESIGNED - JSD	REVISED -
	PLOT SCALE =	DRAWN - JTB	REVISED -
	PLOT DATE = 2/28/2020	CHECKED - JRB	REVISED -
		DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

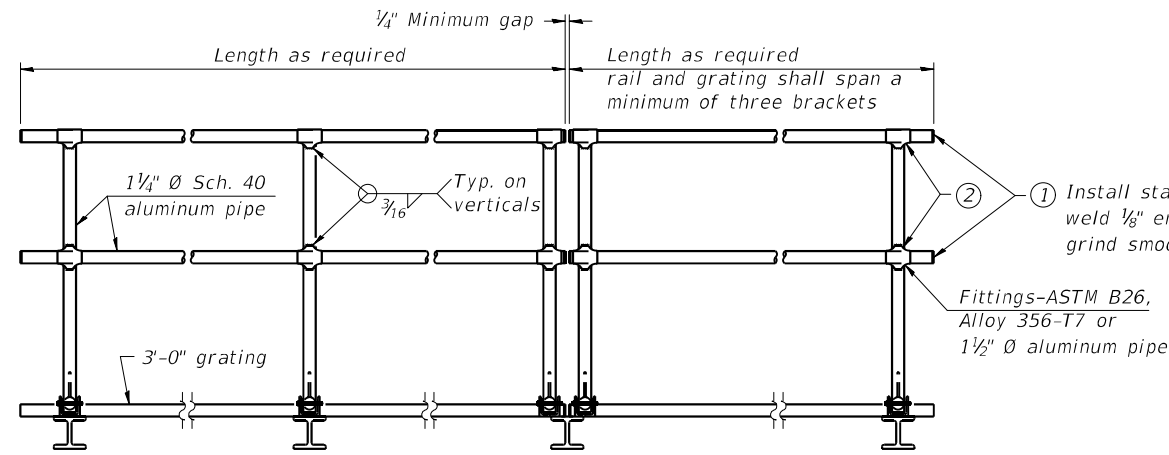
**OVERHEAD SIGN STRUCTURES
ALTERNATE ALUMINUM WALKWAY DETAILS FOR DMS**

SCALE: NTS SHEET 19 OF 25 SHEETS STA. TO STA.

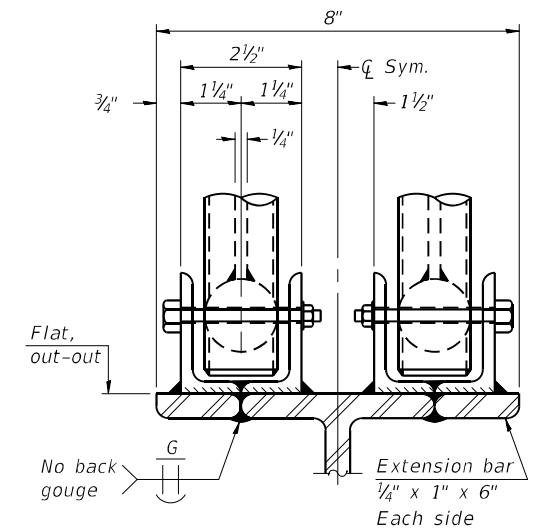
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	225
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				



SIDE ELEVATION
(Showing safety chain w/o sign)



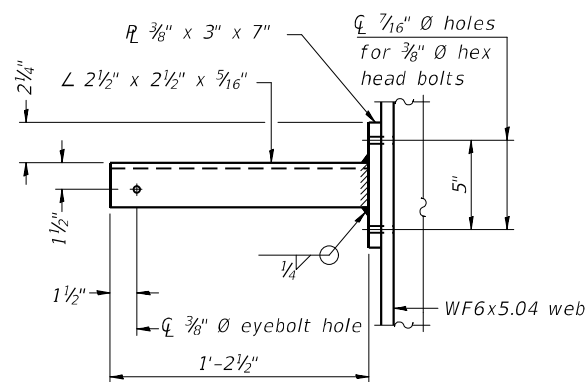
FRONT ELEVATION



ELEVATION AT HANDRAIL JOINT ④

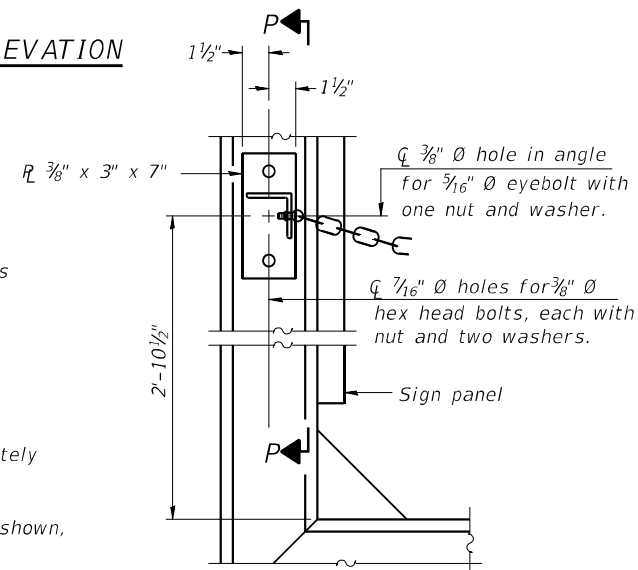
HANDRAIL DETAILS

Handrail pipe shall be ASTM B241, Alloy 6063-T6 or Alloy 6061-T6.



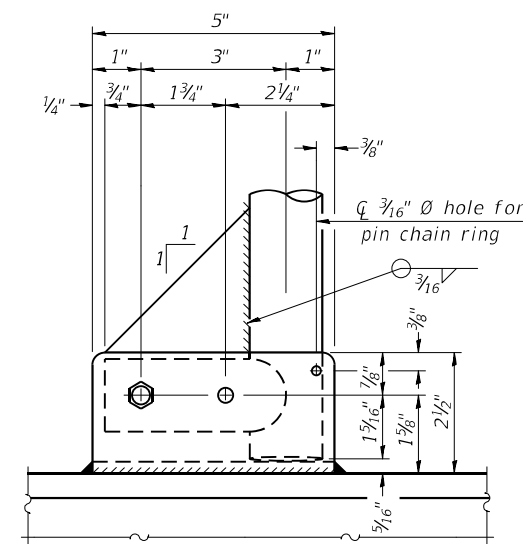
SECTION P-P

- ② Horizontal handrail member shall be continuous thru fitting. Provide 7/16" diameter hole in fitting for 3/8" diameter bolt. Field drill 7/16" diameter hole in horizontal rail member. Provide washer and locknut for bolt. (Use 5/16" eyebolts in 7/16" diameter holes on top rail at ends only.)
- ③ 5/16" type 304L stainless steel chain, approximately 12 links per foot.
- ④ Extrusions may be used in lieu of the details shown, with approval of the Engineer.

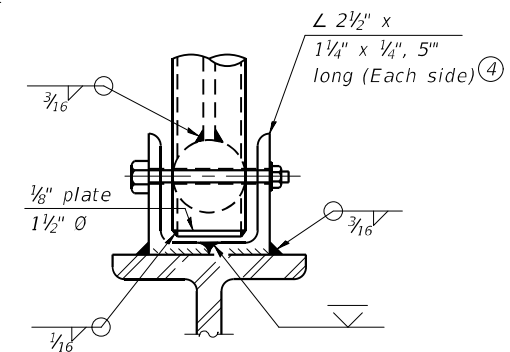


ALTERNATE SAFETY CHAIN ATTACHMENT

(With Sign Present)
Items not shown same as "Side Elevation" of "Handrail Details"

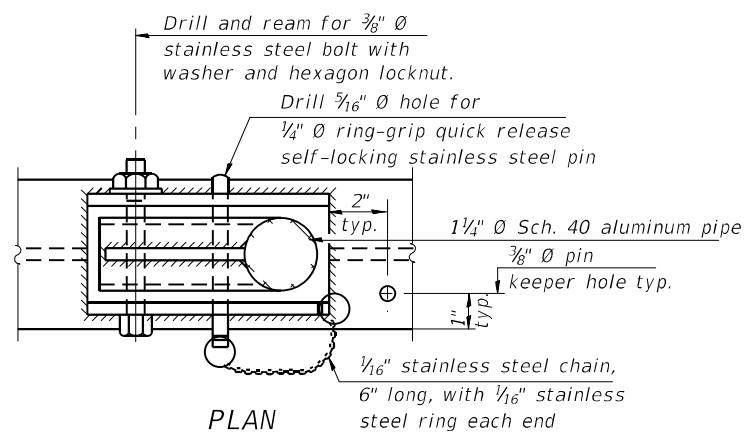


SIDE ELEVATION

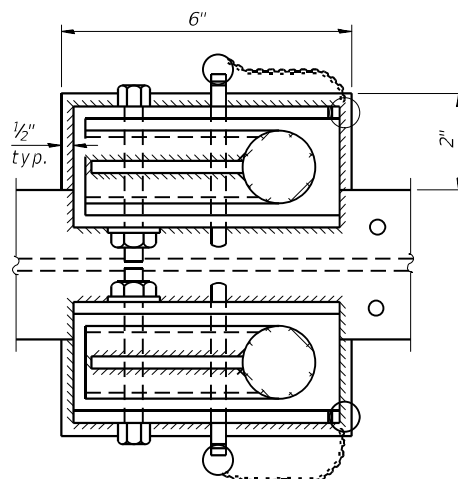


FRONT ELEVATION

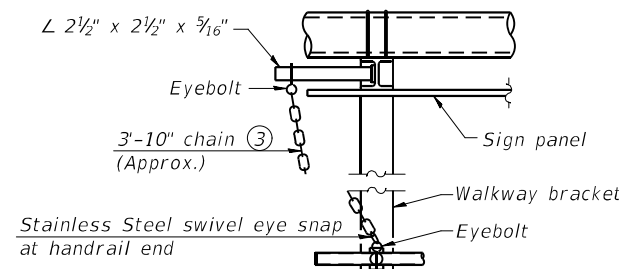
See "ELEVATION" at right for dimensions.



PLAN
DETAIL E HANDRAIL HINGE

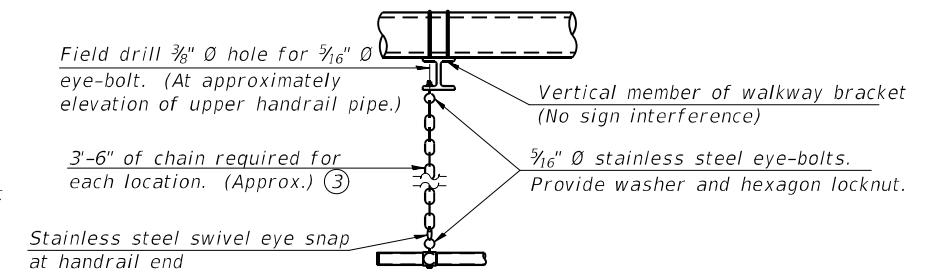


PLAN AT HANDRAIL JOINT
Details not shown same as "PLAN"



ALTERNATE SAFETY CHAIN ATTACHMENT

Details not shown similar to "Safety Chain" Details (Walkway omitted for clarity)



SAFETY CHAIN

One required for each end of each walkway.

05-A-11-DMS

2-17-2017

STR-20

Jacobs

USER NAME = patelhv	DESIGNED - JSD	REVISED -
PLOT SCALE =	DRAWN - JTB	REVISED -
PLOT DATE = 2/28/2020	CHECKED - JRB	REVISED -
	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
ALTERNATE ALUMINUM HANDRAIL DETAILS FOR DMS

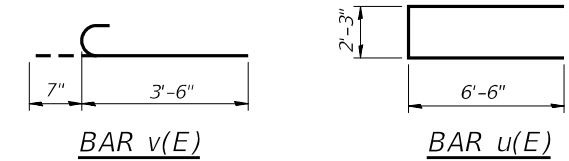
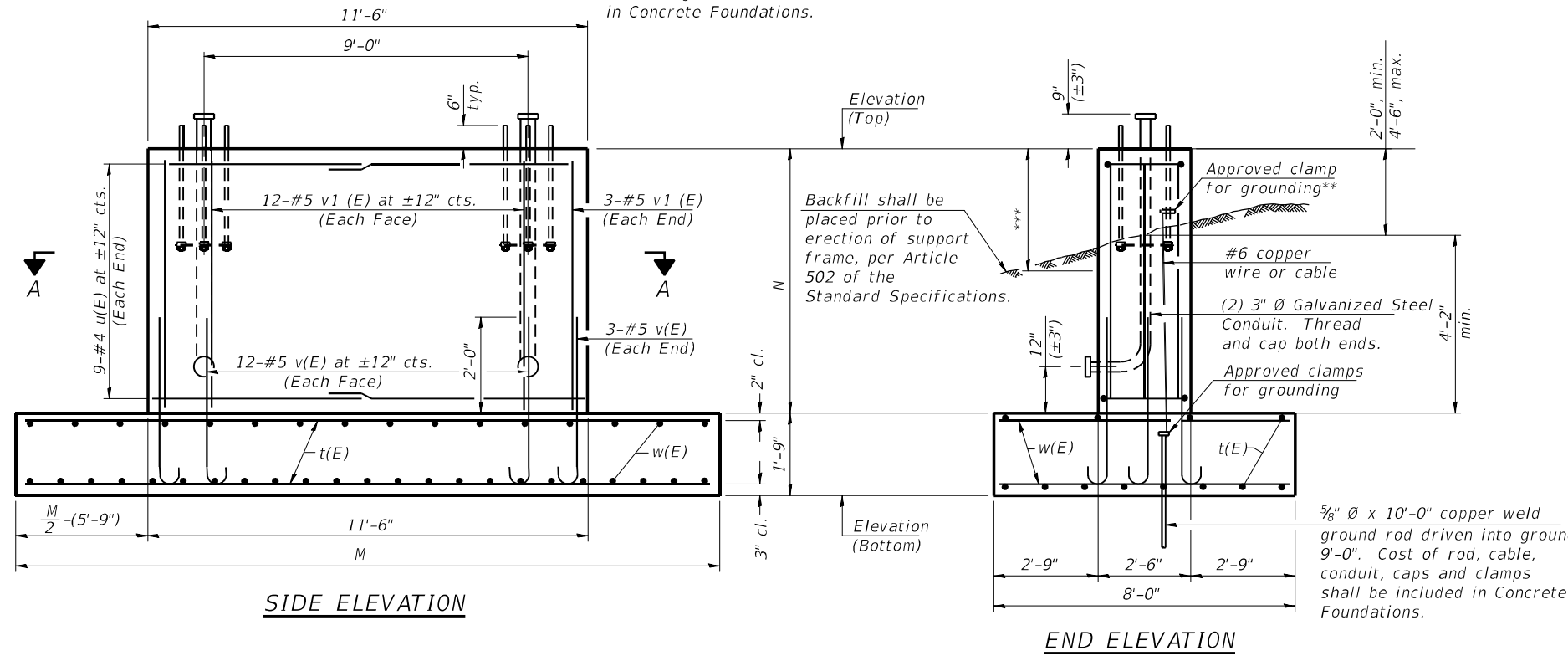
SCALE: NTS SHEET 20 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-06BI	COOK/LAKE	388	226
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

For anchor rod size and placement, see Support Frame Detail Sheet.

** Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

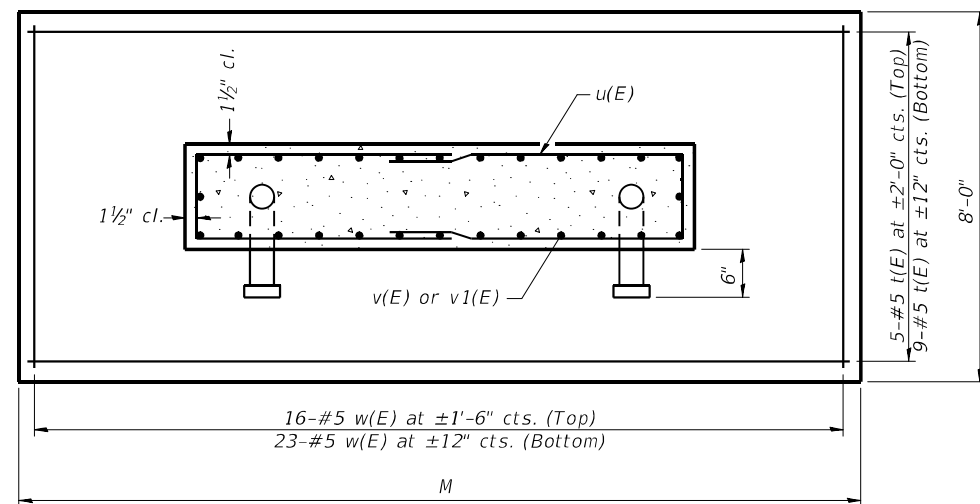
*** A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Concrete Foundations.



BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
t(E)	14	#5	*	—
u(E)	18	#4	15'-3"	—
v(E)	30	#5	4'-1"	U
v1(E)	30	#5	*	—
w(E)	39	#5	7'-9"	—

*Length of t(E) bar = (Dim. M) - 6"
v1(E) bar = (Dim. N) - 3"



SECTION A-A

	Station	Left Foundation				Right Foundation				Class SI Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	N	M	Elevation Top	Elevation Bottom	N	M	
1S016I094L031.2	664+50	630.14	621.47	6.92'	28'					21.9

Note:
The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.0 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.
During construction, if footing length or width or wall height change by more than 12", or if reinforcement is changed, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

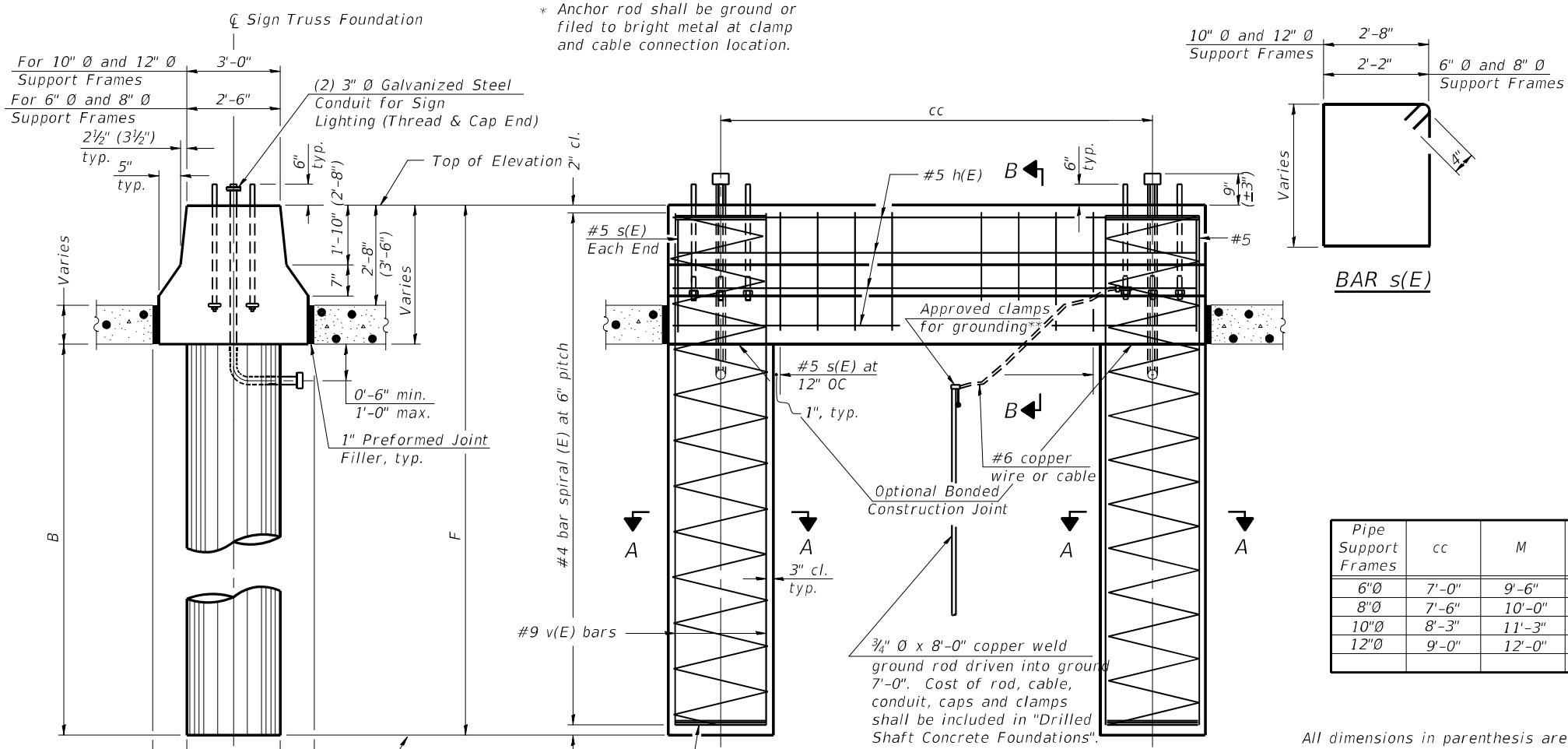
DETAILS FOR 12" Ø SUPPORT FRAME

0S-F4 MODIFIED

STR-21

C:\Users\ASB-APP\666CS\pcc\cbs\com\NA\Documents\C9428680\780\adda\713\p\6\62079 (Fiber)\G32.D1E2D8B-shc-DMS_SIGN_SPAN_10.dgn

	USER NAME = patelehv	DESIGNED - JSD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	OVERHEAD SIGN STRUCTURES SPREAD FOOTING DETAILS	F.A.I. RTE. = 94	SECTION = 2016-068I	COUNTY = COOK/LAKE	TOTAL SHEETS = 388	SHEET NO. = 227
	PLOT SCALE =	CHECKED - JRB	REVISED -			SCALE: NTS	SHEET 21 OF 25 SHEETS STA.	TO STA.	CONTRACT NO. 62079	
	PLOT DATE = 2/28/2020	DATE = 02/28/2020	REVISED -							



NOTES:
 The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.
 If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.
 No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.
 Concrete shall be placed monolithically, without construction joints.
 Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.
 A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.

BAR LIST - EACH FOUNDATION

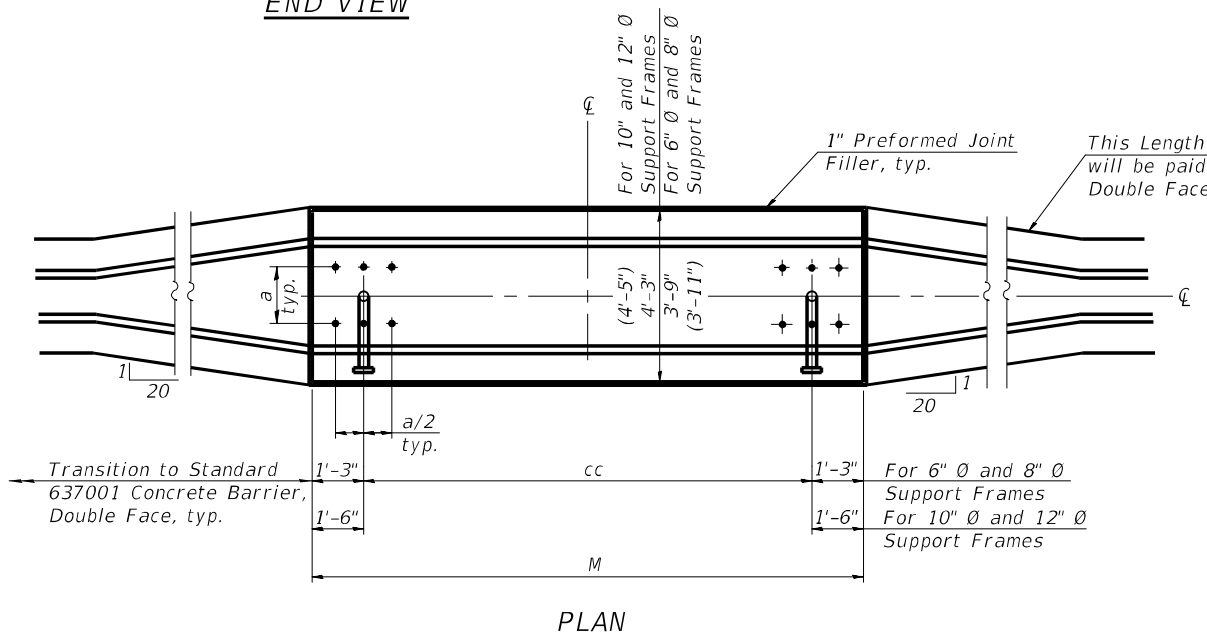
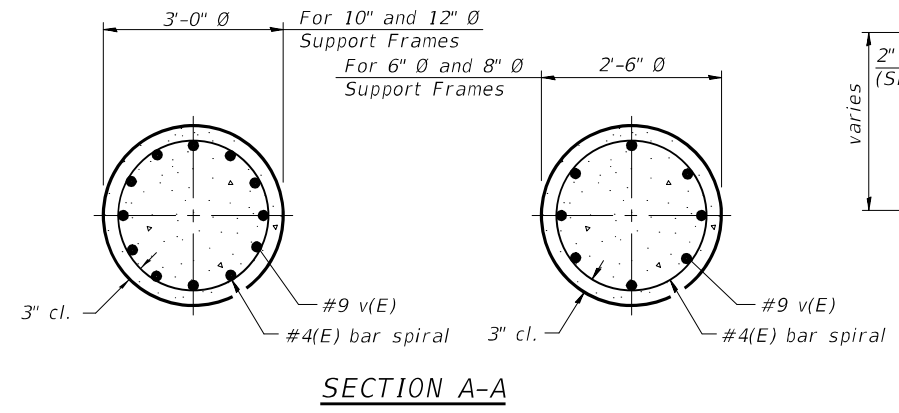
Pipe Support Frames	cc	M	a	a/2
6"Ø	7'-0"	9'-6"	0'-11"	5 1/2"
8"Ø	7'-6"	10'-0"	1'-1 1/2"	6 3/4"
10"Ø	8'-3"	11'-3"	1'-3"	7 1/2"
12"Ø	9'-0"	12'-0"	1'-6"	9"

Bar	Number	Size	Length	Shape
h(E)	10	#5	M less 4"	—
s(E)	Varies	#5	Varies	□
v(E)	16	#9	F less 0'-5"	—
v(E)	24	#9	F less 0'-5"	—
#4(E) bar spiral see Side Elevation				

SIDE ELEVATION

Concrete Foundation poured monolithically with no construction joint.

All dimensions in parenthesis are for 42" high barrier.



Structure Number	Station	Left Foundation				Right Foundation				Class DS Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	B	F	Elevation Top	Elevation Bottom	B	F	
1S0161094R032.2	612+20	630.77	609.27	18'	21.5'					15.6 CU YD
1S0161094L031.2	664+50					632.09	610.59	18'	21.5'	15.6 CU YD

OS4-MED MODIFIED

Jacobs	USER NAME = patelhv	DESIGNED - JSD	REVISED -
	PLOT SCALE =	DRAWN - JTB	REVISED -
	PLOT DATE = 2/28/2020	CHECKED - JRB	REVISED -
		DATE - 02/28/2020	REVISED -

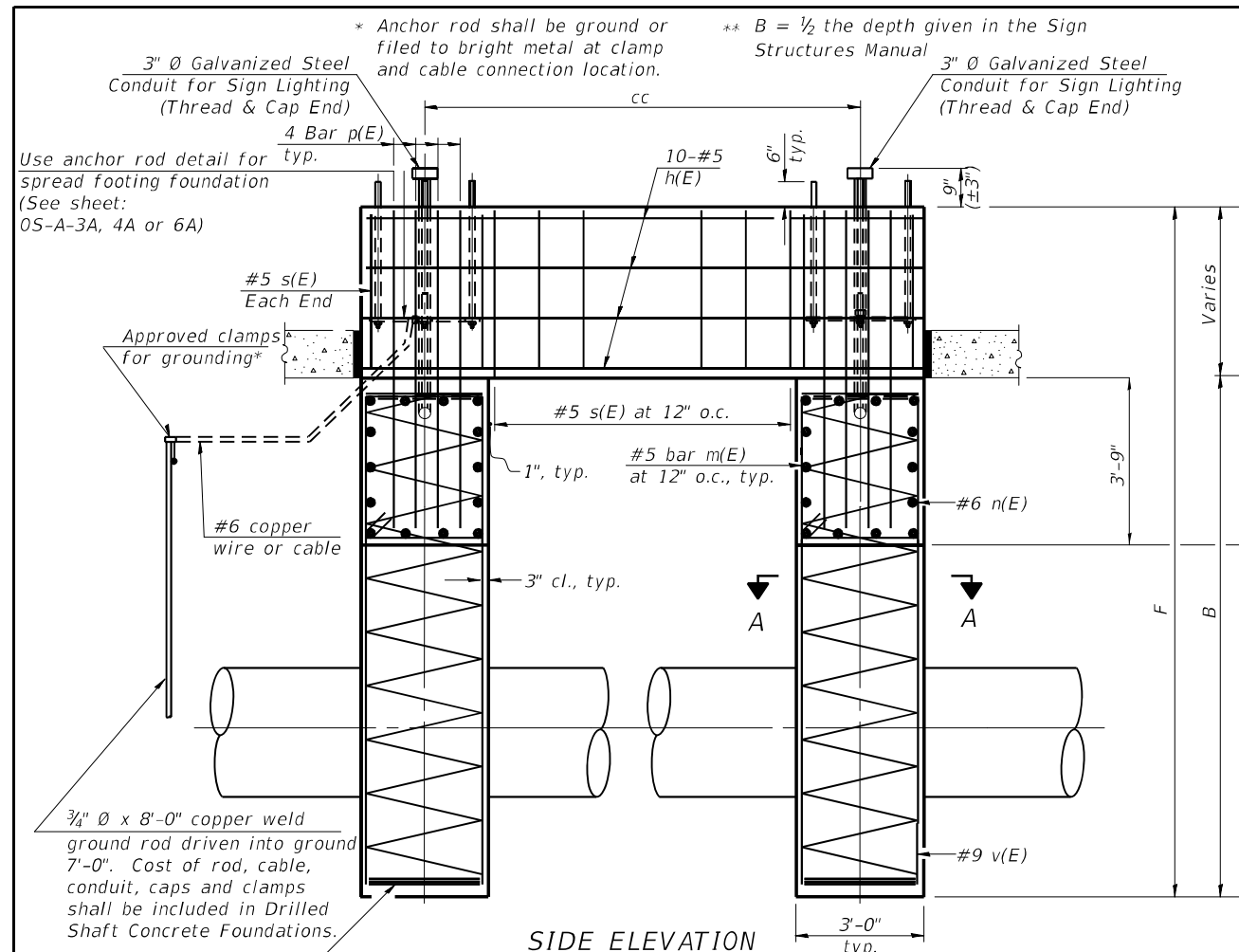
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
MEDIAN SUPPORT FOUNDATION DETAILS

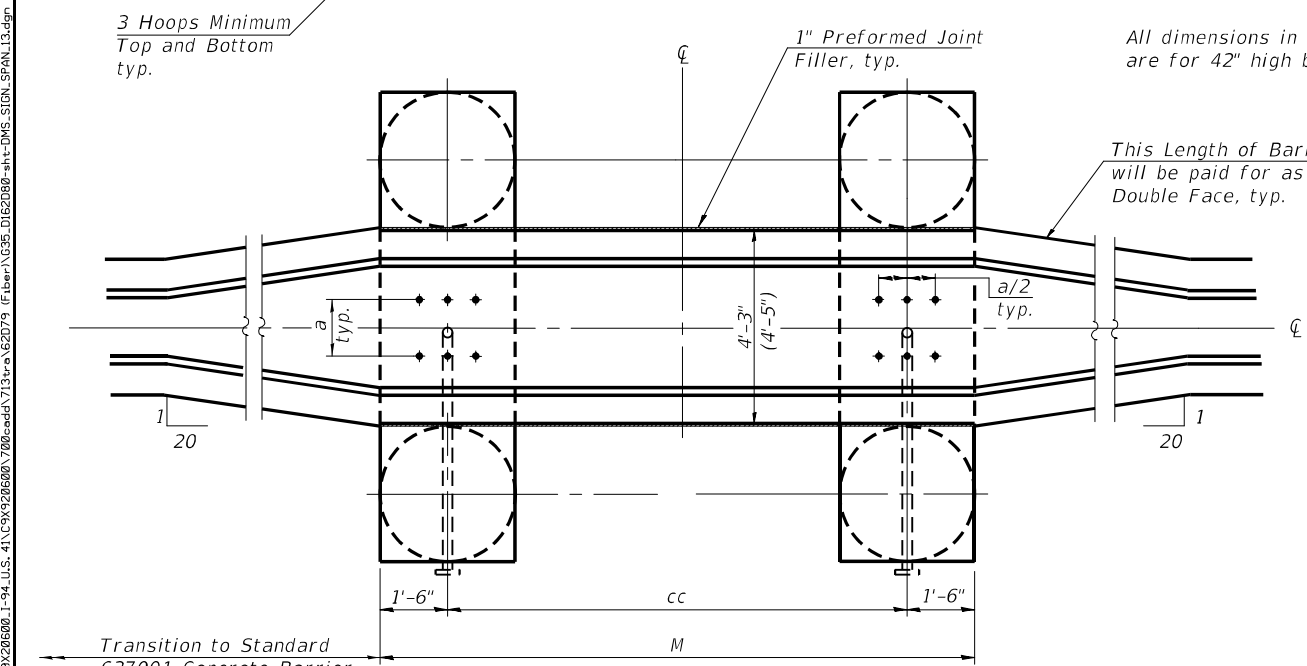
SCALE: NTS SHEET 23 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-0681	COOK/LAKE	388	229
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

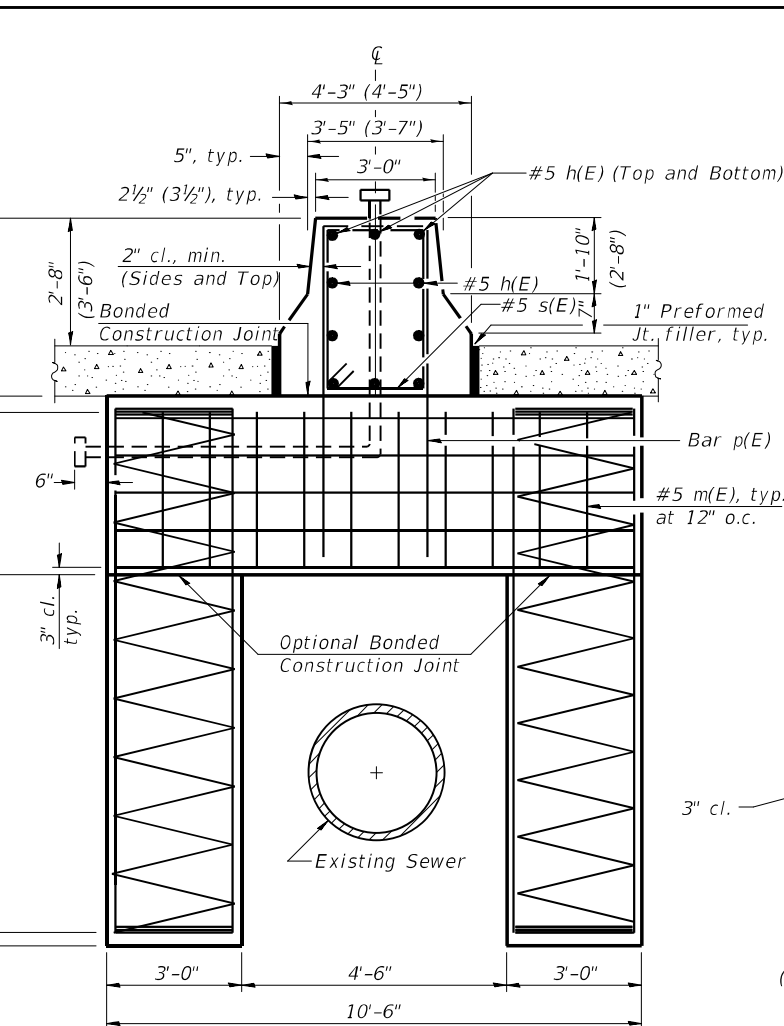
STR-23



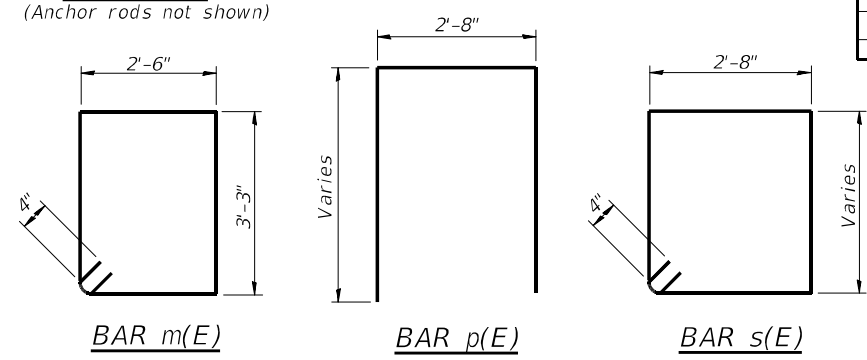
SIDE ELEVATION



PLAN



END VIEW



BAR m(E)

BAR p(E)

BAR s(E)

NOTES:
 The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Q_u) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.
 If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.
 No sonotubes or decomposable forms shall be used below the lower conduit entrance.
 Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.
 Concrete shall be placed monolithically, without construction joints.
 Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.
 A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.

BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
h(E)	10	#5	M less 4"	—
s(E)	Varies	#5	Varies	□
v(E)	48	#9	B less 0'-5"	—
m(E)	22	#5	12'-0"	□
n(E)	28	#6	10'-0"	—
p(E)	8	#5	Varies	⊏

#4 Bar Spiral - See Side Elevation

SECTION A-A
(Typical for 4 Shafts)

Pipe Support Frames	cc	M	a	a/2
6"Ø	7'-0"	9'-6"	0'-11"	5 1/2"
8"Ø	7'-6"	10'-0"	1'-1 1/2"	6 3/4"
10"Ø	8'-3"	11'-3"	1'-3"	7 1/2"
12"Ø	9'-0"	12'-0"	1'-6"	9"

Structure Number	Station	Left Foundation				Right Foundation				Class DS Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	B	F	Elevation Top	Elevation Bottom	B	F	
1S016I094R036.3	399+23	654.86	633.36	18'-0"	21'-6"					29.5

OS4-MED2

MODIFIED



USER NAME = patelhv	DESIGNED - JSD	REVISED -
PLOT SCALE =	DRAWN - JTB	REVISED -
PLOT DATE = 2/28/2020	CHECKED - JRB	REVISED -
	DATE - 02/28/2020	REVISED -

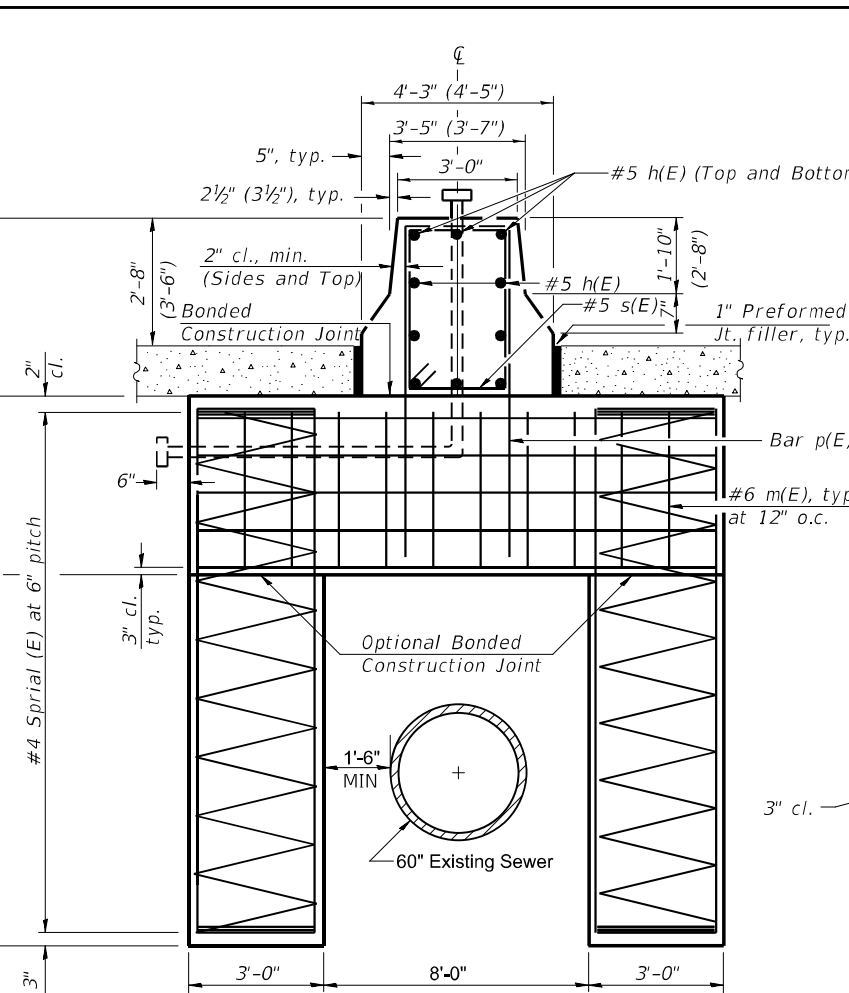
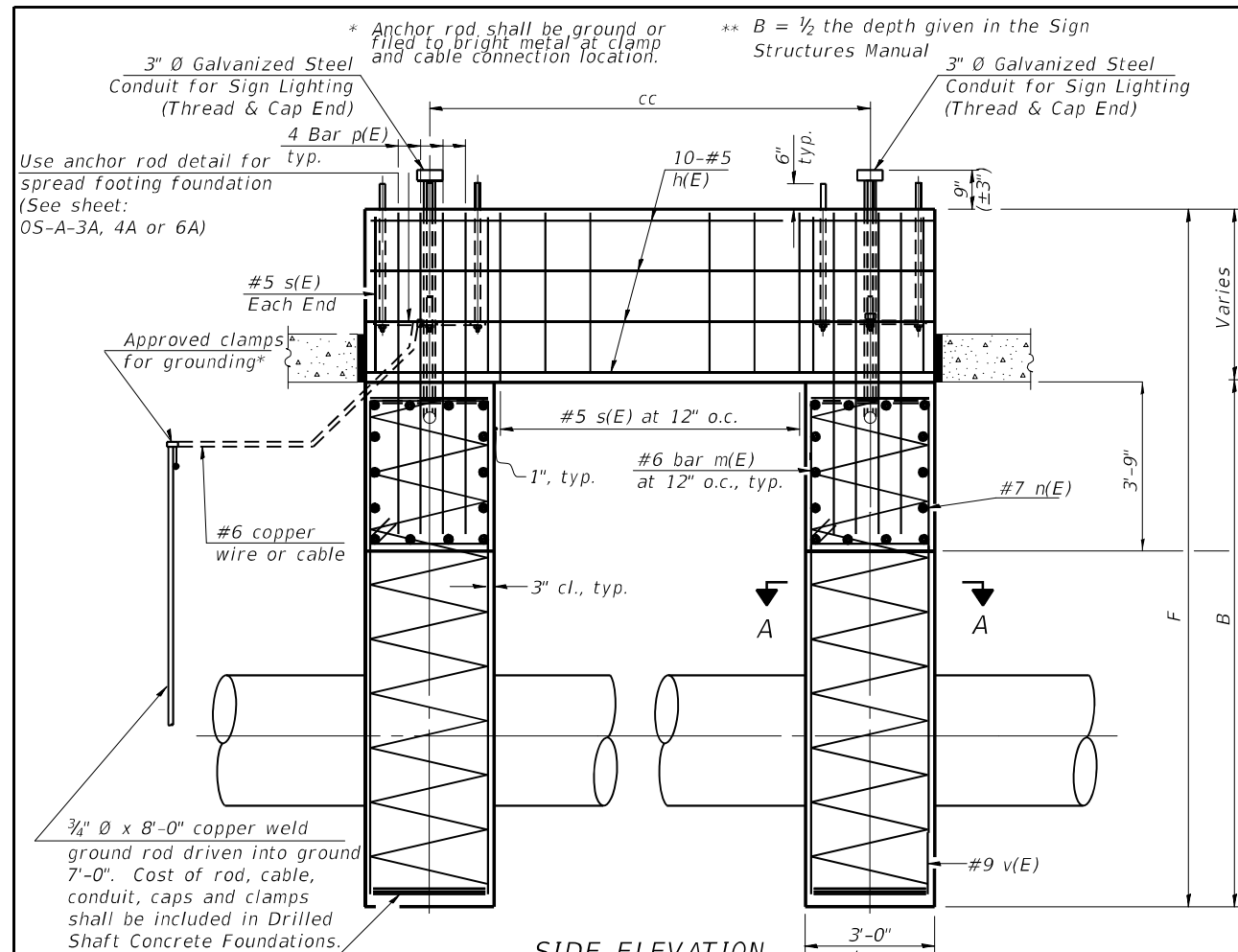
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
MEDIAN SUPPORT FOUNDATION DETAILS II

SCALE: NTS SHEET 24 OF 25 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	230
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

STR-24



NOTES:
 The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Q_u) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.
 If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.
 No sonotubes or decomposable forms shall be used below the lower conduit entrance.
 Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.
 Concrete shall be placed monolithically, without construction joints.
 Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.
 A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.

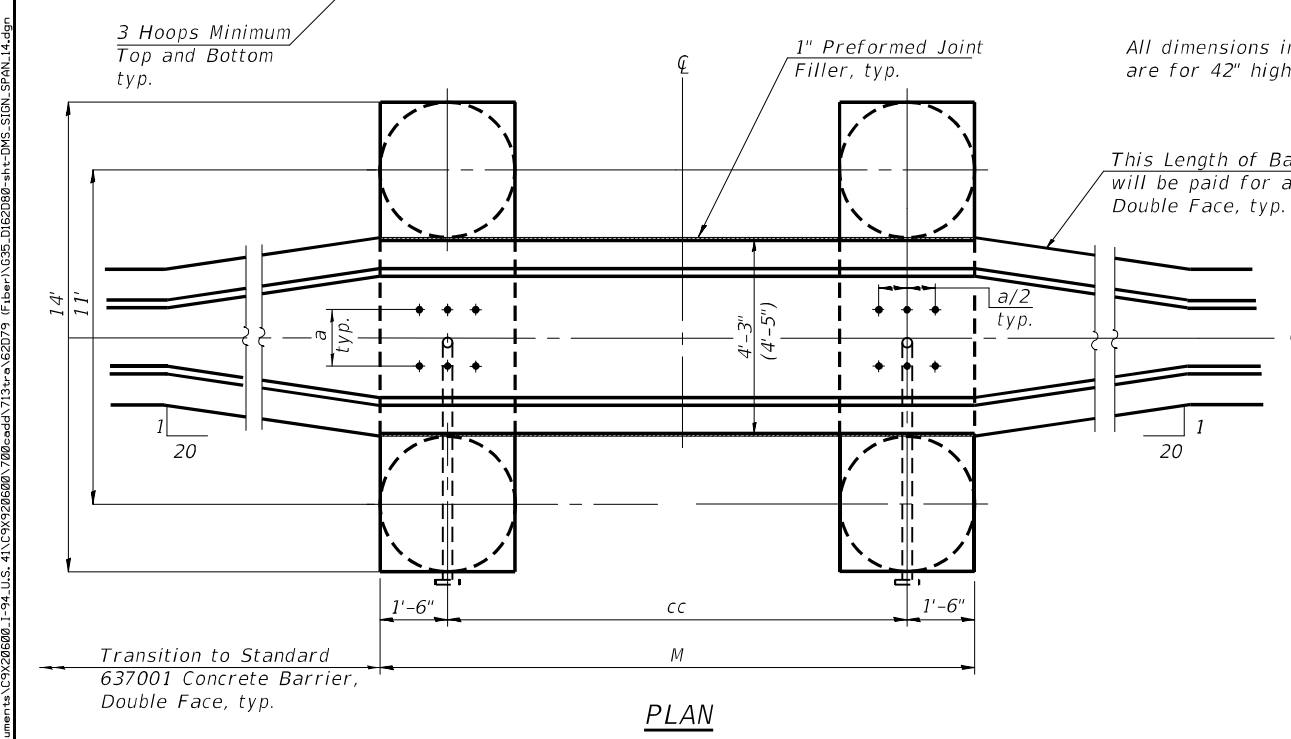
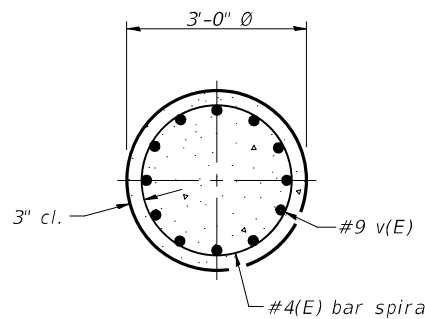
BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
h(E)	10	#5	M less 4"	—
s(E)	Varies	#5	Varies	□
v(E)	48	#9	B less 0'-5"	—
m(E)	30	#6	12'-0"	□
n(E)	28	#7	13'-6"	—
p(E)	8	#5	Varies	⊏

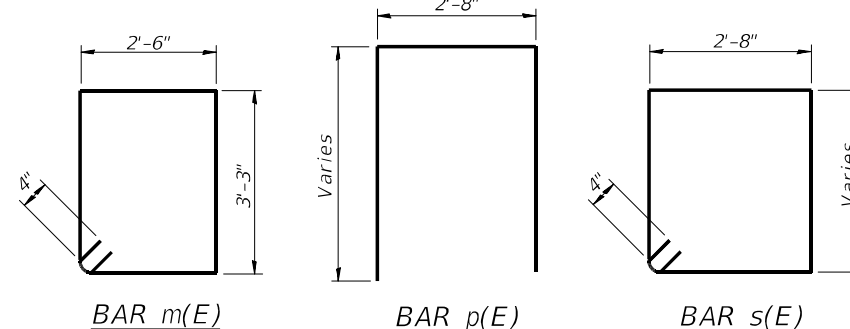
#4 Bar Spiral - See Side Elevation

Pipe Support Frames	cc	M	a	a/2
6"Ø	7'-0"	9'-6"	0'-11"	5½"
8"Ø	7'-6"	10'-0"	1'-1½"	6¾"
10"Ø	8'-3"	11'-3"	1'-3"	7½"
12"Ø	9'-0"	12'-0"	1'-6"	9"

SECTION A-A
(Typical for 4 Shafts)



END VIEW
(Anchor rods not shown)



Structure Number	Station	Left Foundation				Right Foundation				Class DS Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	B	F	Elevation Top	Elevation Bottom	B	F	
1S0161094R039.2	244+00	613.95	592.45	18'-0"	21'-6"					32.5

OS4-MED2 MODIFIED

Jacobs	USER NAME = patelhv	DESIGNED - JSD	REVISED -
	PLOT SCALE =	DRAWN - JTB	REVISED -
	PLOT DATE = 2/28/2020	CHECKED - JRB	REVISED -
		DATE - 02/28/2020	REVISED -

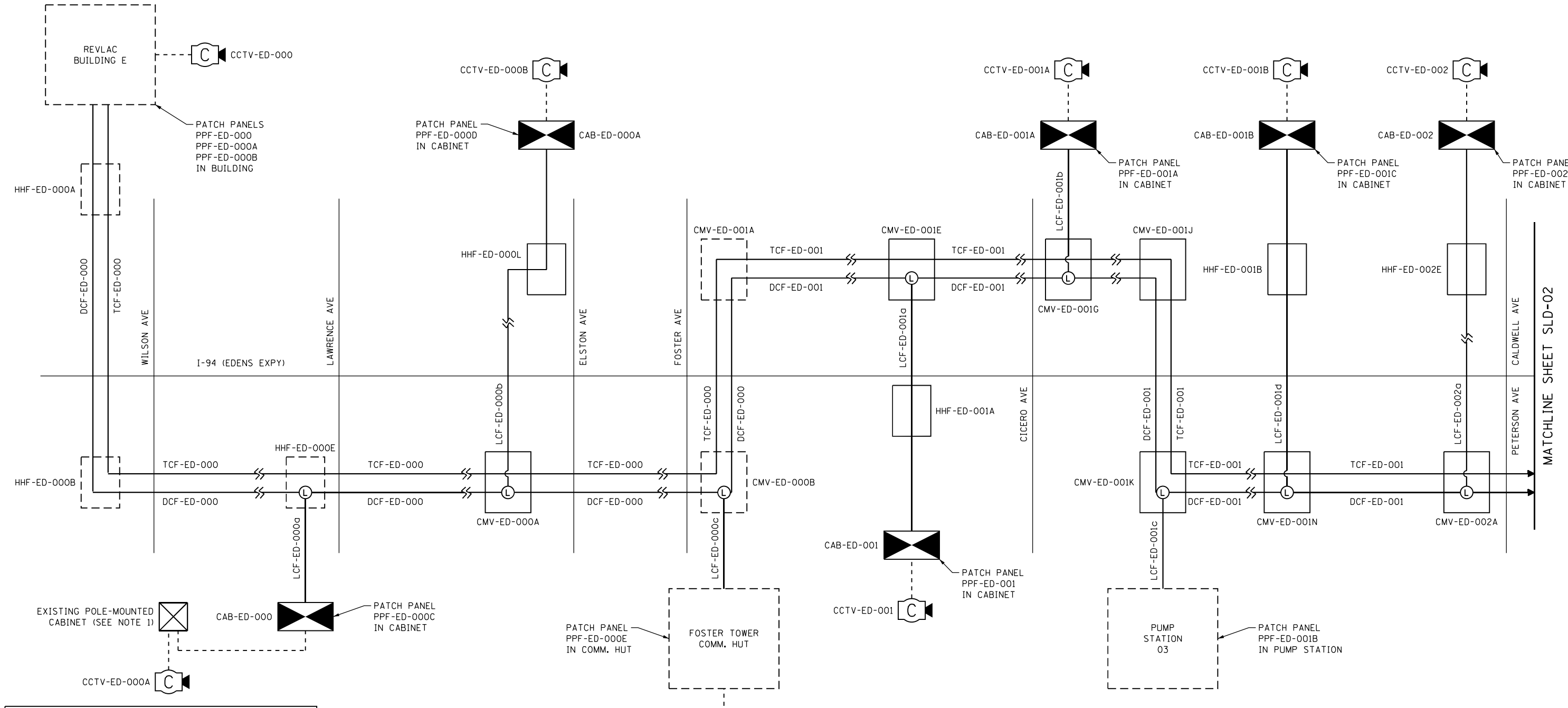
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OVERHEAD SIGN STRUCTURES
MEDIAN SUPPORT FOUNDATION DETAILS III
SCALE: NTS SHEET 25 OF 25 SHEETS STA. TO STA.

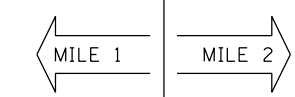
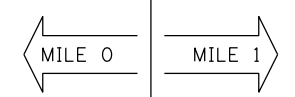
F.A.I. RTE. 94	SECTION 2016-068I	COUNTY COOK/LAKE	TOTAL SHEETS 388	SHEET NO. 231
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

STR-25

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LEGEND	
	FIBER OPTIC CABLE
	CAT-6 CABLE
	DYNAMIC MESSAGE SIGN CABLE
TCF-ED-001	ASSET I.D. TAG FOR FIBER CABLES
CMV-ED-001	ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
CCTV-ED-001	ASSET I.D. TAG FOR DEVICES
	UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
	GROUND-MOUNTED CABINET
	CCTV CAMERA
	DYNAMIC MESSAGE SIGN



NOTES:
 1. EXISTING CCTV CAMERAS AT THIS SITE NOT SHOWN FOR CLARITY. EXISTING CCTV CAMERAS, CABLES, AND EQUIPMENT TO REMAIN UNCHANGED.



USER NAME = zvolanjj
 DRAWN - HAR
 CHECKED - CRH
 DATE - 02/28/2020
 PLOT SCALE =
 PLOT DATE = 2/27/2020

DESIGNED - JJZ
 DRAWN - HAR
 CHECKED - CRH
 DATE - 02/28/2020

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CABLE
SINGLE LINE DIAGRAM

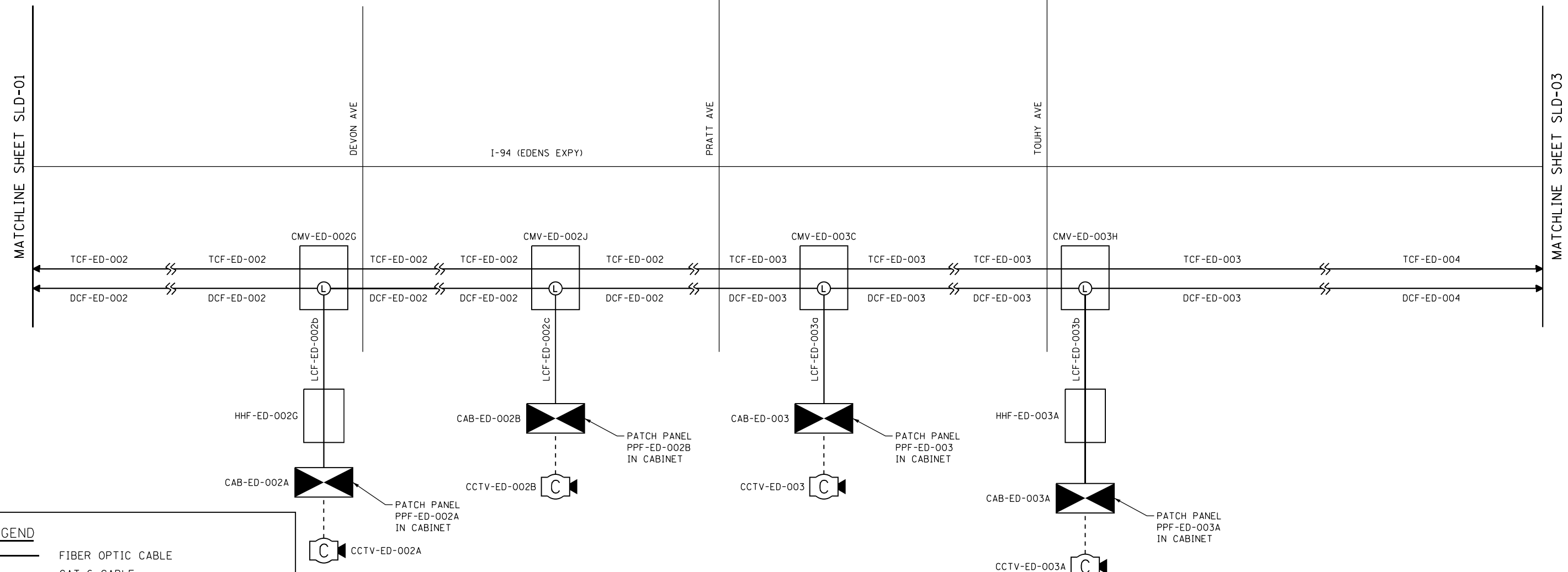
SCALE: NTS SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	232
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

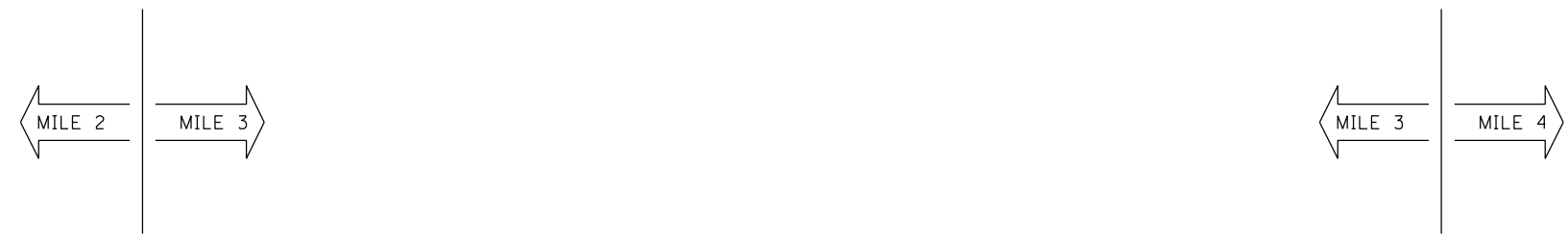
SLD-01

MATCHLINE SHEET SLD-02

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LEGEND	
	FIBER OPTIC CABLE
	CAT-6 CABLE
	DYNAMIC MESSAGE SIGN CABLE
TCF-ED-001	ASSET I.D. TAG FOR FIBER CABLES
CMV-ED-001	ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
CCTV-ED-001	ASSET I.D. TAG FOR DEVICES
	UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
	GROUND-MOUNTED CABINET
	CCTV CAMERA
	DYNAMIC MESSAGE SIGN

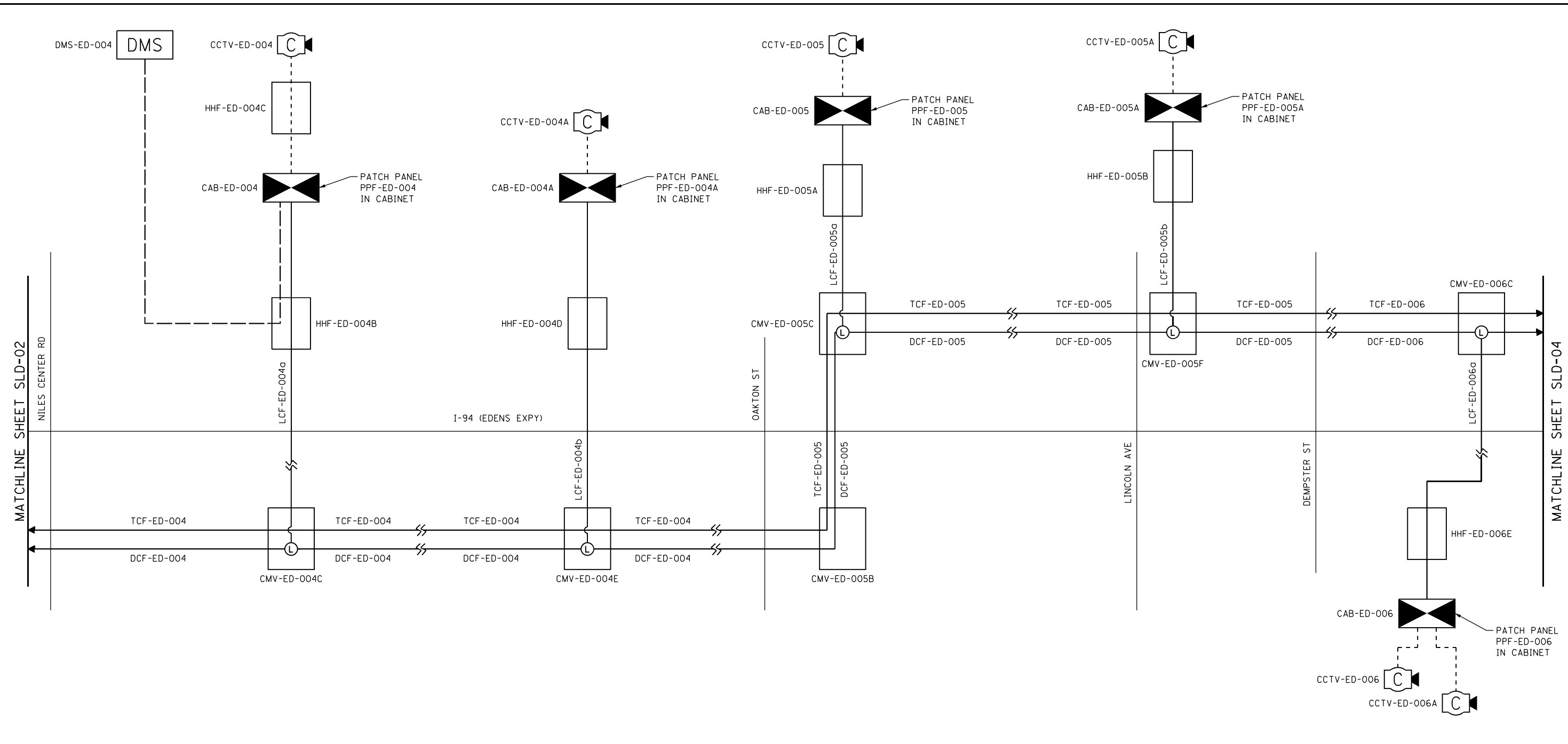


SLD-02

	USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FIBER OPTIC CABLE SINGLE LINE DIAGRAM	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - CRH	REVISED -			94	2016-068I	COOK/LAKE	388	233
	PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -			CONTRACT NO. 62079			ILLINOIS FED. AID PROJECT	

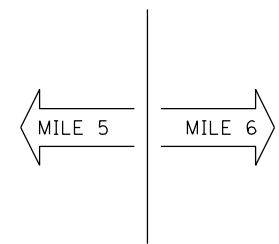
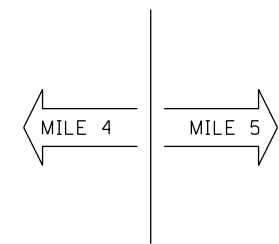
SCALE: NTS SHEET 2 OF 9 SHEETS STA. TO STA.

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LEGEND

- FIBER OPTIC CABLE
- - - - CAT-6 CABLE
- · - · - DYNAMIC MESSAGE SIGN CABLE
- TCF-ED-001 ASSET I.D. TAG FOR FIBER CABLES
- CMV-ED-001 ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
- CCTV-ED-001 ASSET I.D. TAG FOR DEVICES
- ⊙ UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
- ⊠ GROUND-MOUNTED CABINET
- ⓐ CCTV CAMERA
- Ⓜ DMS DYNAMIC MESSAGE SIGN



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
DRAWN - HAR	REVISED -	
PLOT SCALE =	CHECKED - CRH	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC CABLE
SINGLE LINE DIAGRAM

SCALE: NTS SHEET 3 OF 9 SHEETS STA. TO STA.

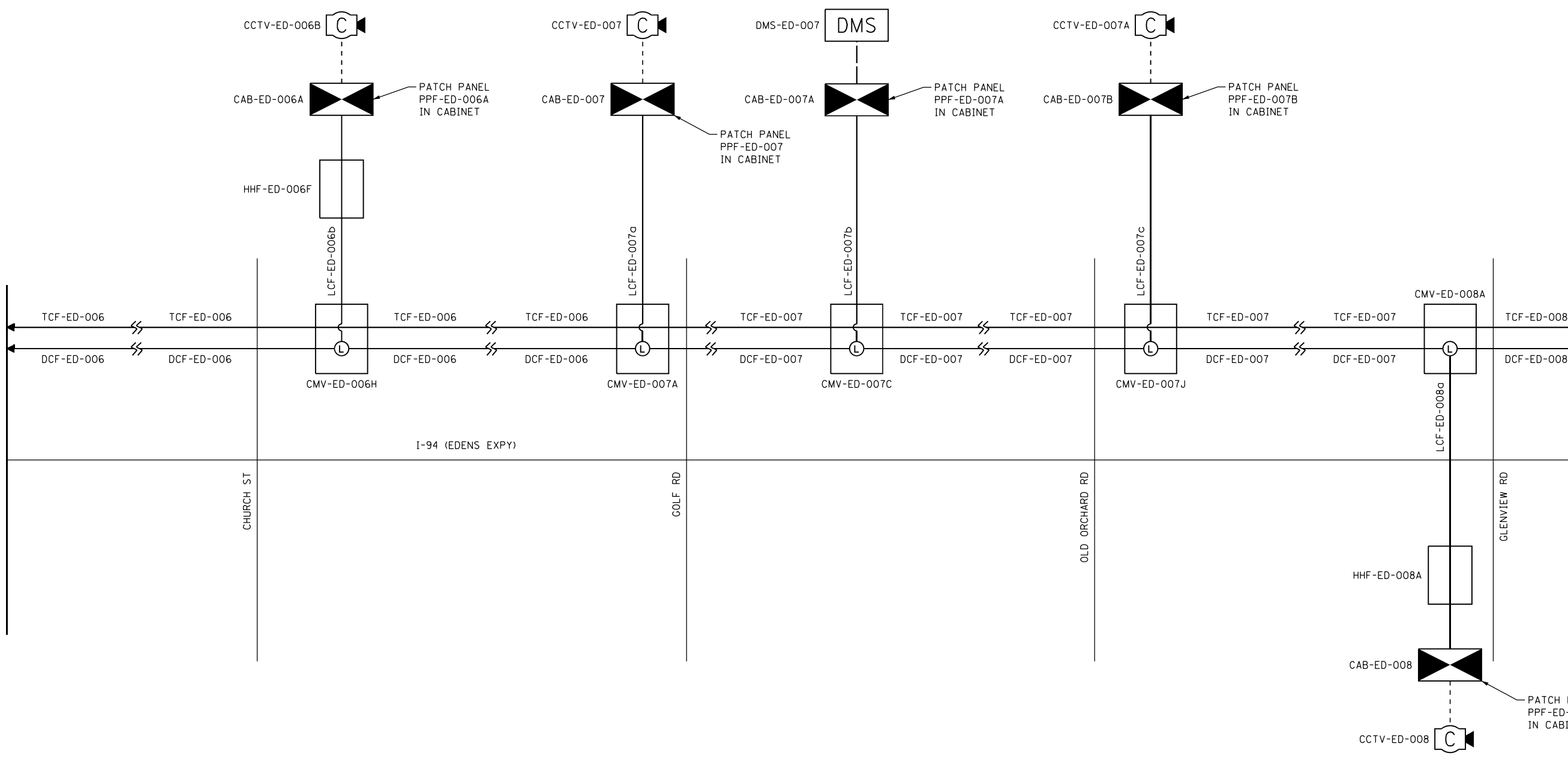
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	234
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

SLD-03

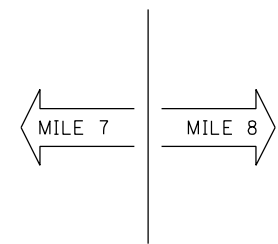
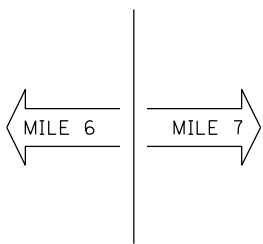
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MATCHLINE SHEET SLD-03

MATCHLINE SHEET SLD-05



LEGEND	
	FIBER OPTIC CABLE
	CAT-6 CABLE
	DYNAMIC MESSAGE SIGN CABLE
TCF-ED-001	ASSET I.D. TAG FOR FIBER CABLES
CMV-ED-001	ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
CCTV-ED-001	ASSET I.D. TAG FOR DEVICES
	UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
	GROUND-MOUNTED CABINET
	CCTV CAMERA
	DYNAMIC MESSAGE SIGN



SLD-04



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - HAR	REVISED -
PLOT SCALE =	CHECKED - CRH	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

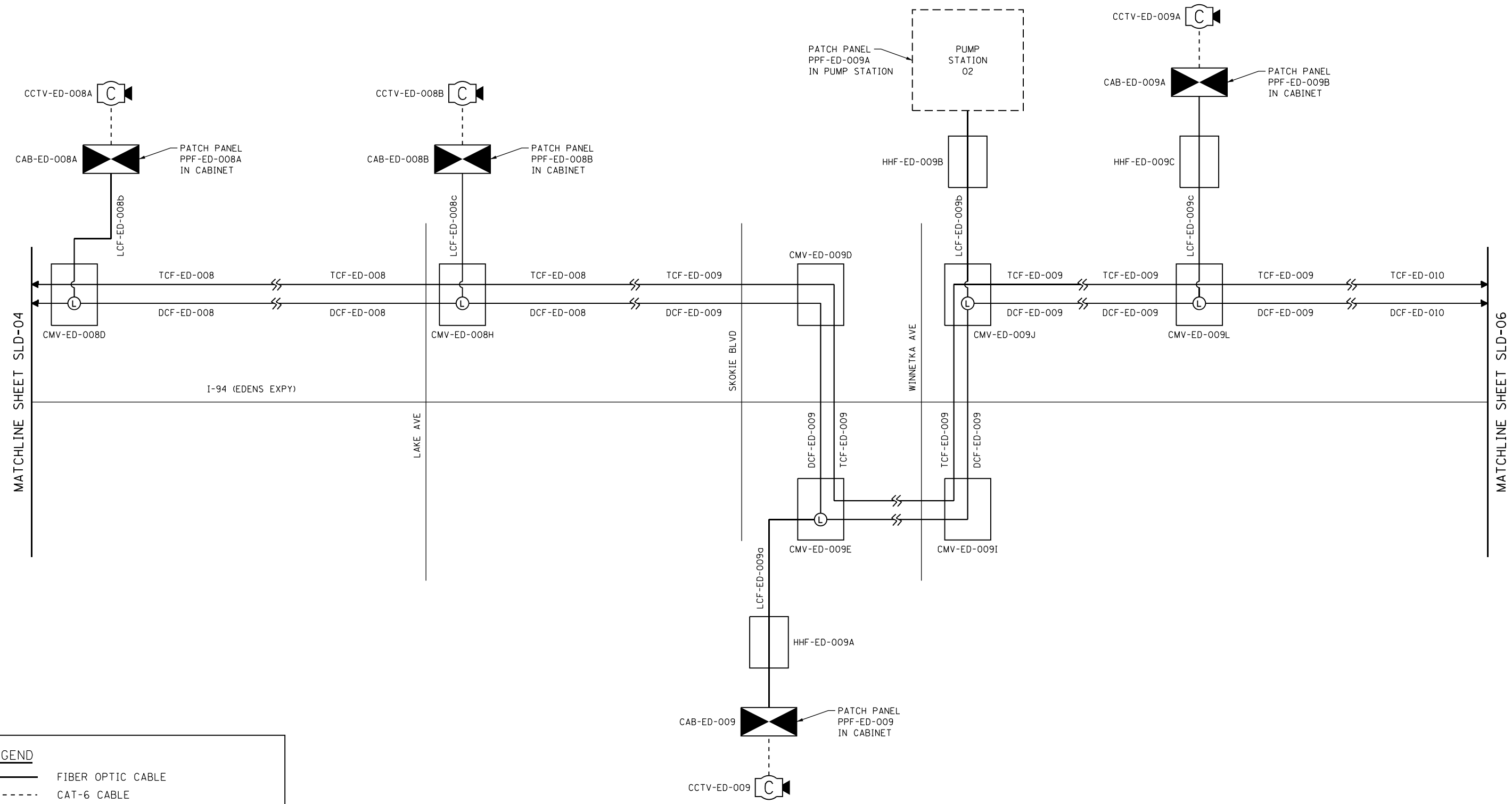
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FIBER OPTIC CABLE
SINGLE LINE DIAGRAM**

SCALE: NTS SHEET 4 OF 9 SHEETS STA. TO STA.

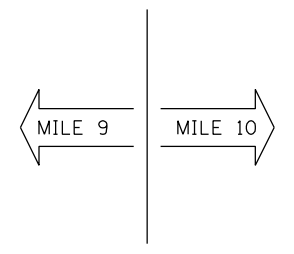
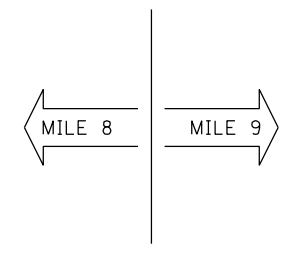
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	235
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

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LEGEND

- FIBER OPTIC CABLE
- CAT-6 CABLE
- DYNAMIC MESSAGE SIGN CABLE
- TCF-ED-001 ASSET I.D. TAG FOR FIBER CABLES
- CMV-ED-001 ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
- CCTV-ED-001 ASSET I.D. TAG FOR DEVICES
- ⊙ UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
- ⊠ GROUND-MOUNTED CABINET
- 📹 CCTV CAMERA
- DMS DYNAMIC MESSAGE SIGN



USER NAME = zvoianjj	DESIGNED - JJZ	REVISED -
	DRAWN - HAR	REVISED -
PLOT SCALE =	CHECKED - CRH	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

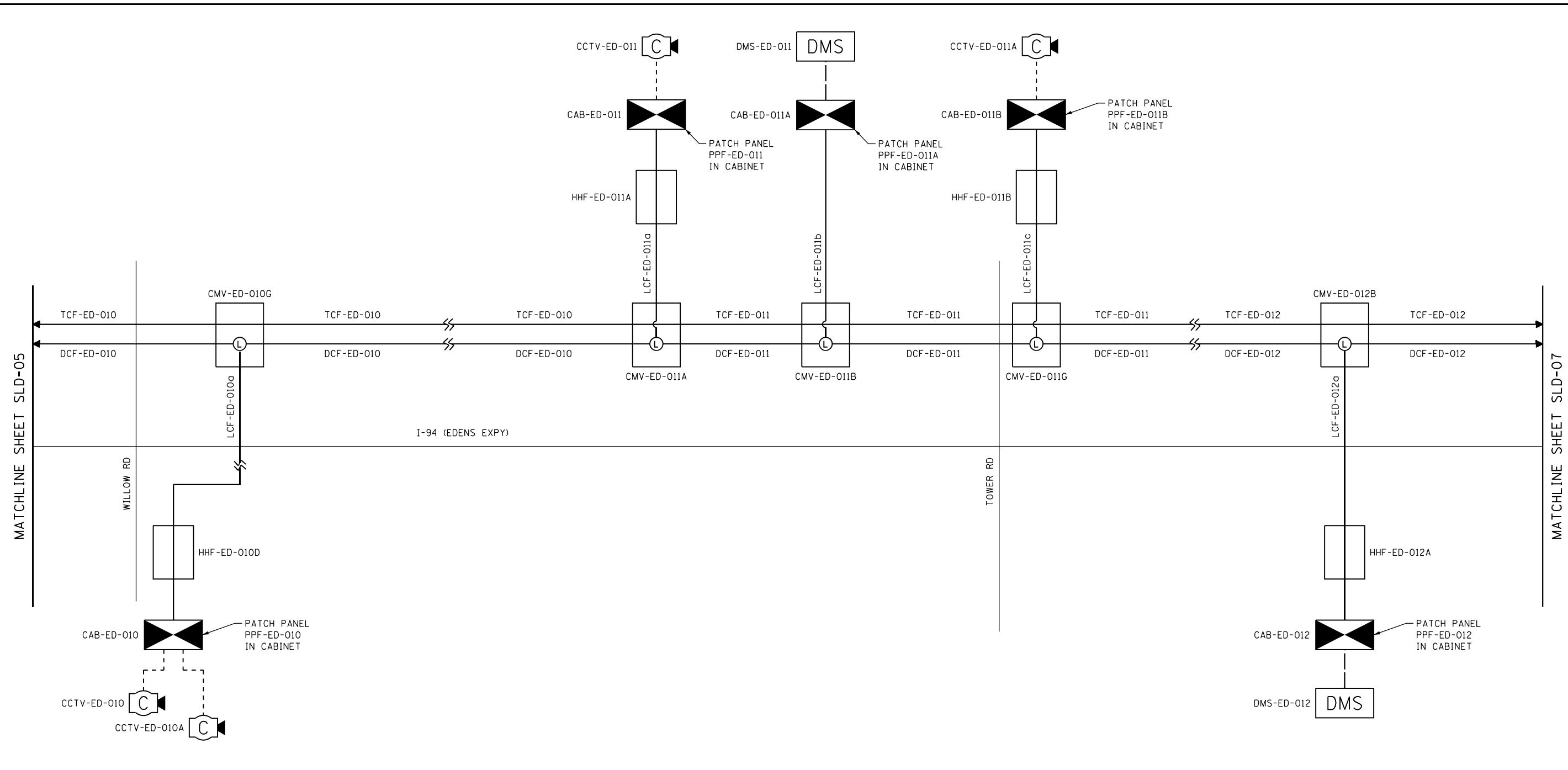
**FIBER OPTIC CABLE
SINGLE LINE DIAGRAM**

SCALE: NTS SHEET 5 OF 9 SHEETS STA. TO STA.

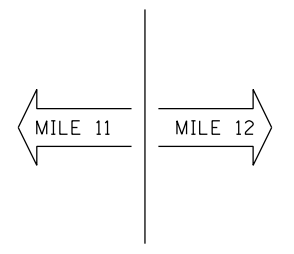
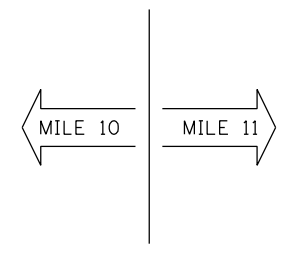
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	236
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

SLD-05

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LEGEND	
	FIBER OPTIC CABLE
	CAT-6 CABLE
	DYNAMIC MESSAGE SIGN CABLE
TCF-ED-001	ASSET I.D. TAG FOR FIBER CABLES
CMV-ED-001	ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
CCTV-ED-001	ASSET I.D. TAG FOR DEVICES
	UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
	GROUND-MOUNTED CABINET
	CCTV CAMERA
	DYNAMIC MESSAGE SIGN



SLD-06



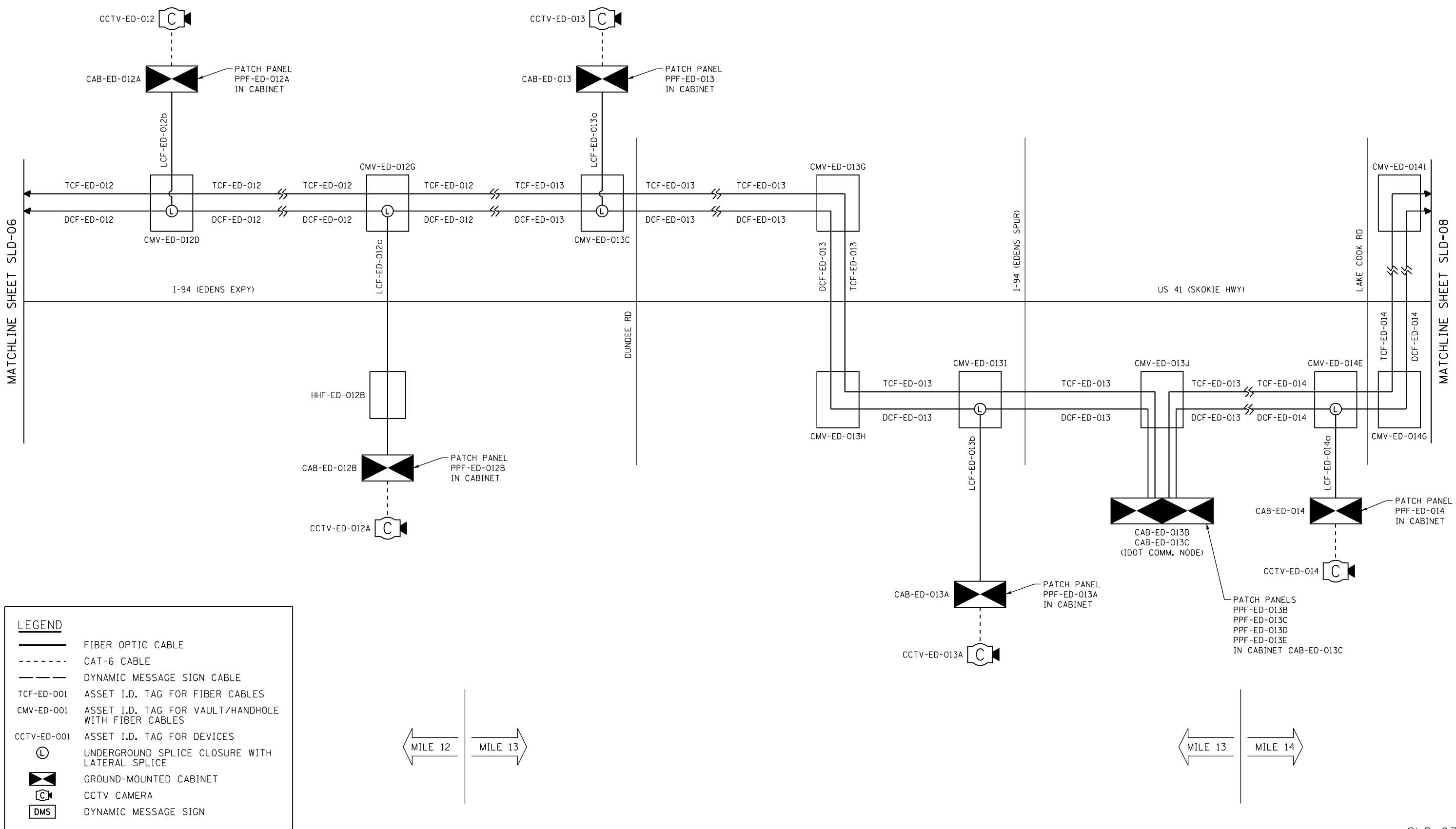
USER NAME = zvoianjj	DESIGNED - JJZ	REVISED -
	DRAWN - HAR	REVISED -
PLOT SCALE =	CHECKED - CRH	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

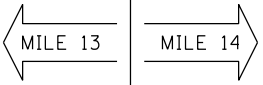
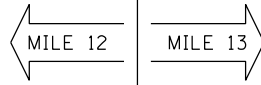
FIBER OPTIC CABLE			
SINGLE LINE DIAGRAM			
SCALE: NTS	SHEET 6	OF 9 SHEETS STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	237
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

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LEGEND	
	FIBER OPTIC CABLE
	CAT-6 CABLE
	DYNAMIC MESSAGE SIGN CABLE
TCF-ED-001	ASSET I.D. TAG FOR FIBER CABLES
CMV-ED-001	ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
CCTV-ED-001	ASSET I.D. TAG FOR DEVICES
	UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
	GROUND-MOUNTED CABINET
	CCTV CAMERA
	DYNAMIC MESSAGE SIGN



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - HAR	REVISED -
PLOT SCALE =	CHECKED - CRH	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

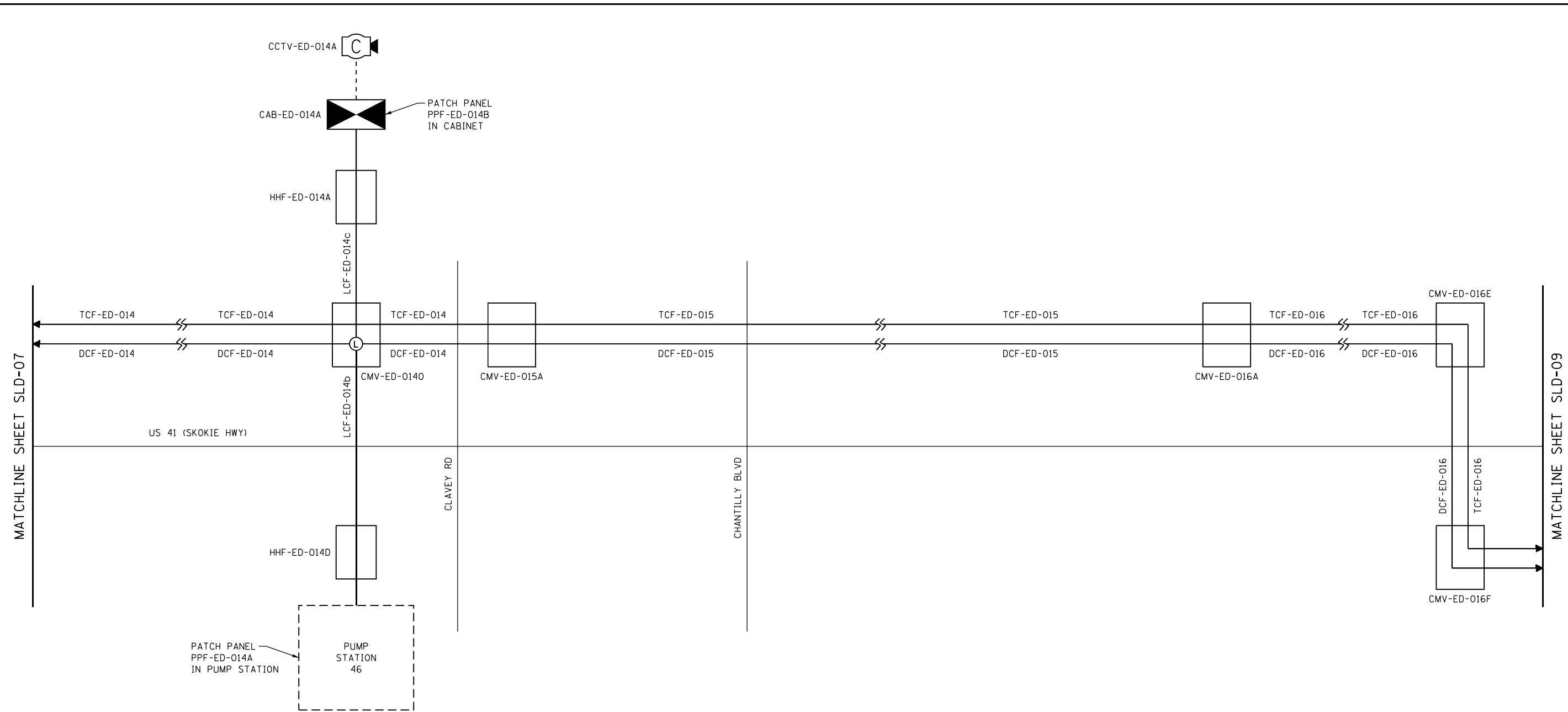
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

FIBER OPTIC CABLE SINGLE LINE DIAGRAM			
SCALE: NTS	SHEET 7	OF 9 SHEETS STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	238
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

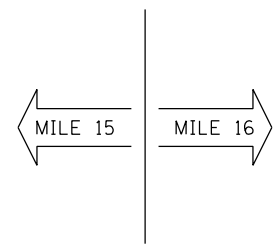
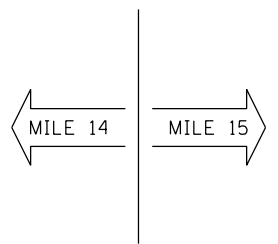
SLD-07

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LEGEND

- FIBER OPTIC CABLE
- CAT-6 CABLE
- DYNAMIC MESSAGE SIGN CABLE
- TCF-ED-001 ASSET I.D. TAG FOR FIBER CABLES
- CMV-ED-001 ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
- CCTV-ED-001 ASSET I.D. TAG FOR DEVICES
- ⊙ UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
- ⊠ GROUND-MOUNTED CABINET
- 📷 CCTV CAMERA
- DMS DYNAMIC MESSAGE SIGN



SLD-08



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - HAR	REVISED -
PLOT SCALE =	CHECKED - CRH	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

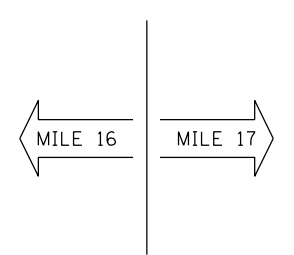
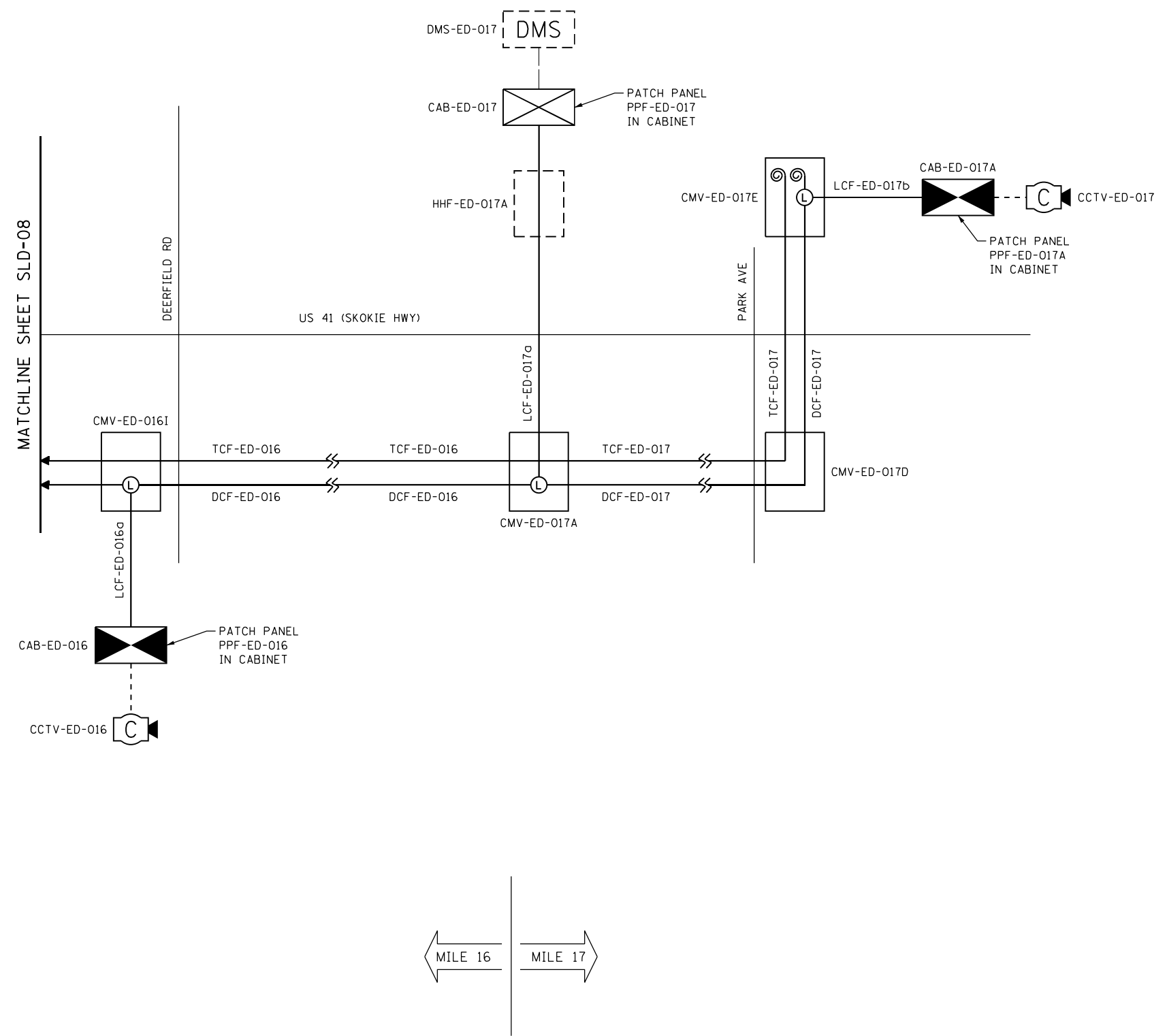
FIBER OPTIC CABLE
SINGLE LINE DIAGRAM

SCALE: NTS SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	239
CONTRACT NO. 62079			ILLINOIS FED. AID PROJECT	

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LEGEND		
PROPOSED	EXISTING	
		FIBER OPTIC CABLE
		CAT-6 CABLE
		DYNAMIC MESSAGE SIGN CABLE
TCF-ED-001		ASSET I.D. TAG FOR FIBER CABLES
CMV-ED-001		ASSET I.D. TAG FOR VAULT/HANDHOLE WITH FIBER CABLES
CCTV-ED-001		ASSET I.D. TAG FOR DEVICES
		UNDERGROUND SPLICE CLOSURE WITH LATERAL SPLICE
		GROUND-MOUNTED CABINET
		CCTV CAMERA
		DYNAMIC MESSAGE SIGN



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - HAR	REVISED -
PLOT SCALE =	CHECKED - CRH	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

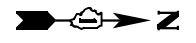
FIBER OPTIC CABLE
SINGLE LINE DIAGRAM

SCALE: NTS SHEET 9 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	240
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

SLD-09

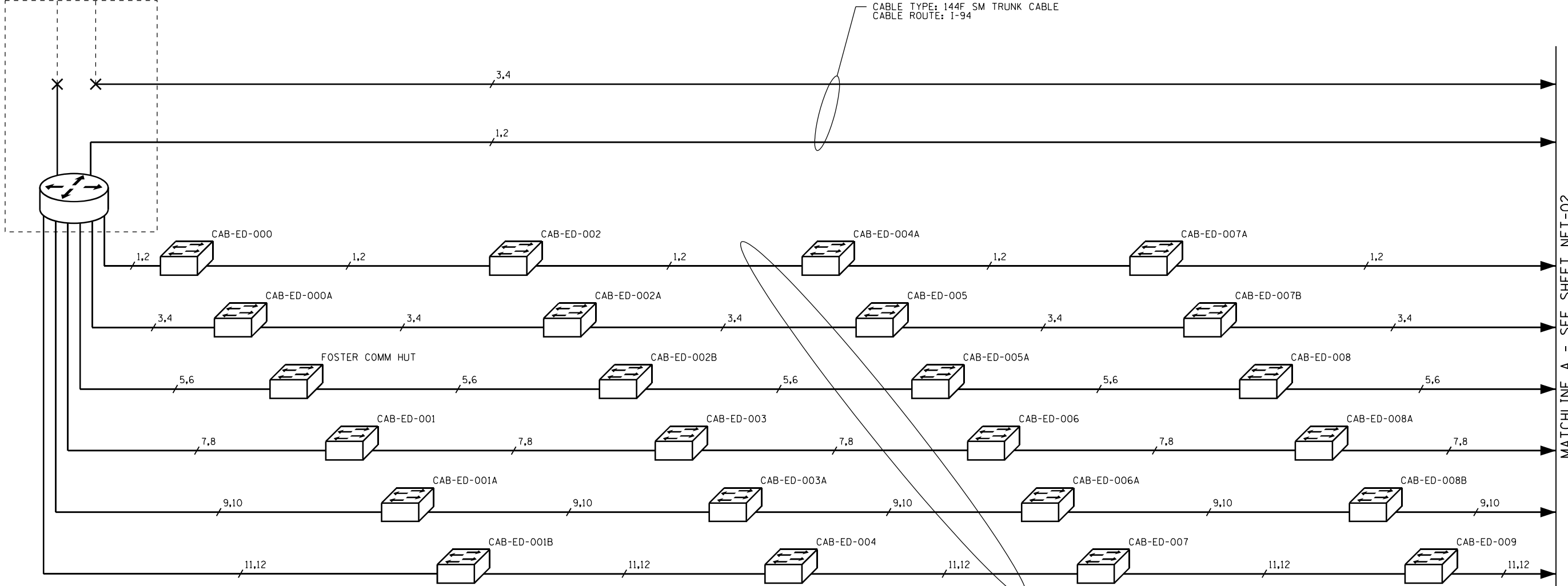
BACKHAUL TO IDOT



CABLE TYPE: EXISTING TRUNK
CABLE ROUTE: I-90

CABLE TYPE: 144F SM TRUNK CABLE
CABLE ROUTE: I-94

REVLAC BUILDING E



CABLE TYPE: 144F SM DISTRIBUTION CABLE
CABLE ROUTE: I-94

MATCHLINE A - SEE SHEET NET-02

NETWORK LEGEND

PROPOSED	EXISTING	
		FIBER OPTIC LINK (# OF STRANDS USED)
		FIBER OPTIC FUSION SPLICE (KEY LOCATION)
		LAYER 3 (NETWORK) SWITCH
		LAYER 3 (NODE) SWITCH OR CORE SWITCH

NOTES:

1. FIBER OPTIC LATERAL SPLICES ARE NOT SHOWN FOR CLARITY.
2. DARK FIBERS ARE NOT SHOWN FOR CLARITY.

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USER NAME = zvoianjj	DESIGNED - JJZ	REVISED -
PLOT SCALE =	DRAWN - HAR	REVISED -
PLOT DATE = 2/27/2020	CHECKED - CRH	REVISED -
	DATE - 02/28/2020	REVISED -

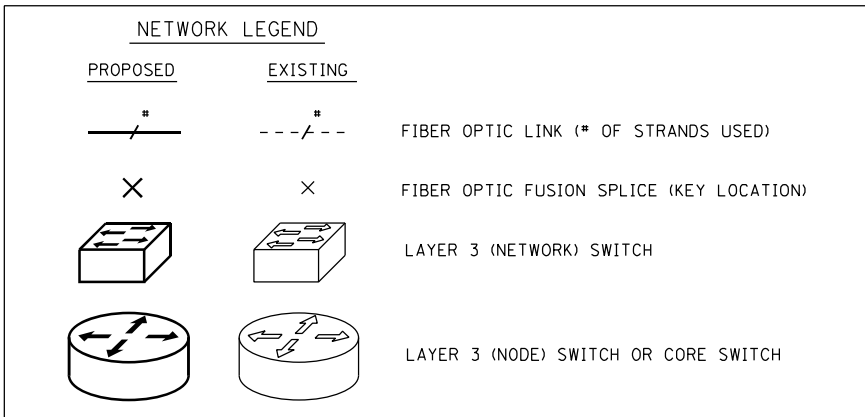
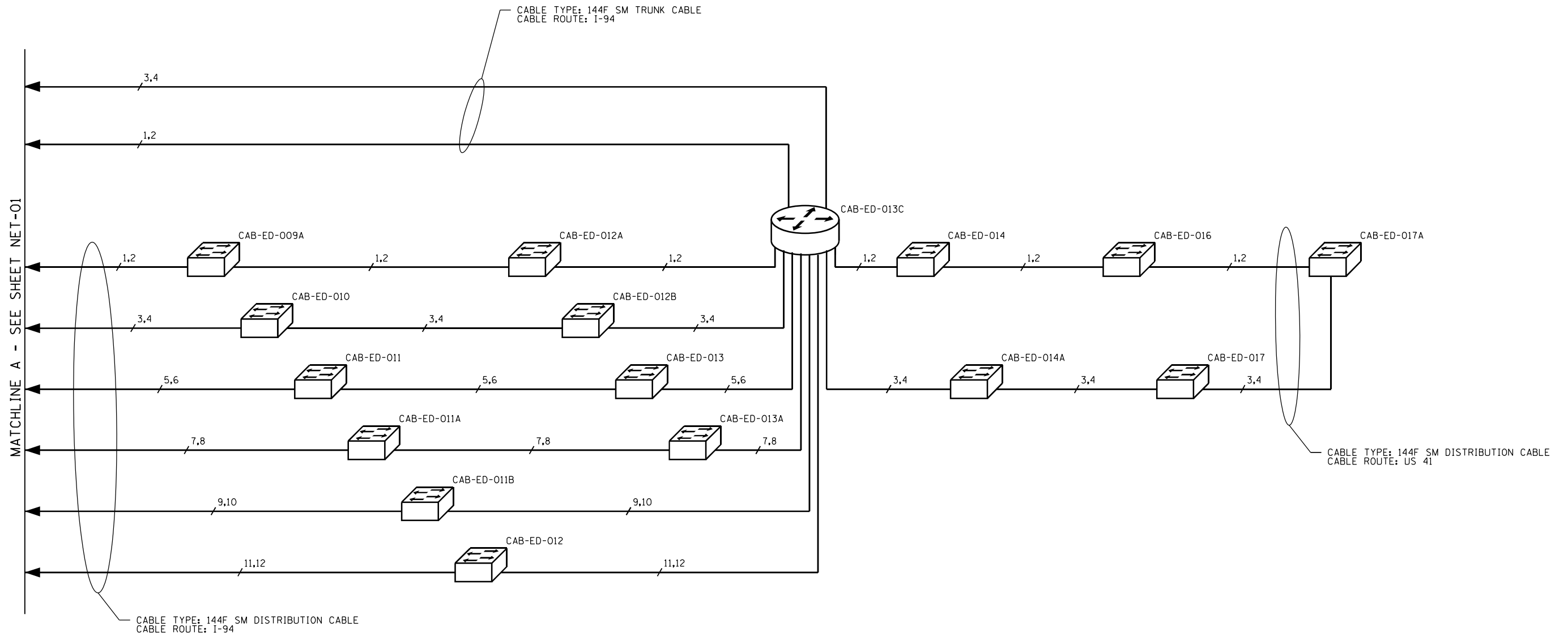
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

COMMUNICATION NETWORK
OVERVIEW

SCALE: NTS SHEET 1 OF 22 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	241
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

NET-01



NOTES:

1. FIBER OPTIC LATERAL SPLICES ARE NOT SHOWN FOR CLARITY.
2. DARK FIBERS ARE NOT SHOWN FOR CLARITY.

NET-02

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USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
PLOT SCALE =	DRAWN - HAR	REVISED -
PLOT DATE = 2/27/2020	CHECKED - CRH	REVISED -
	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

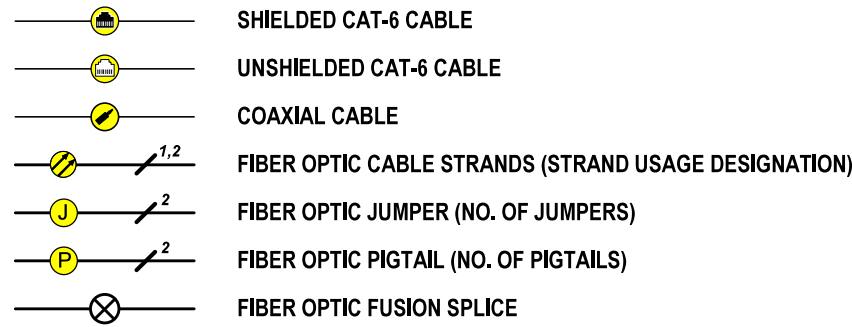
**COMMUNICATION NETWORK
OVERVIEW**

SCALE: NTS SHEET 2 OF 22 SHEETS STA. TO STA.

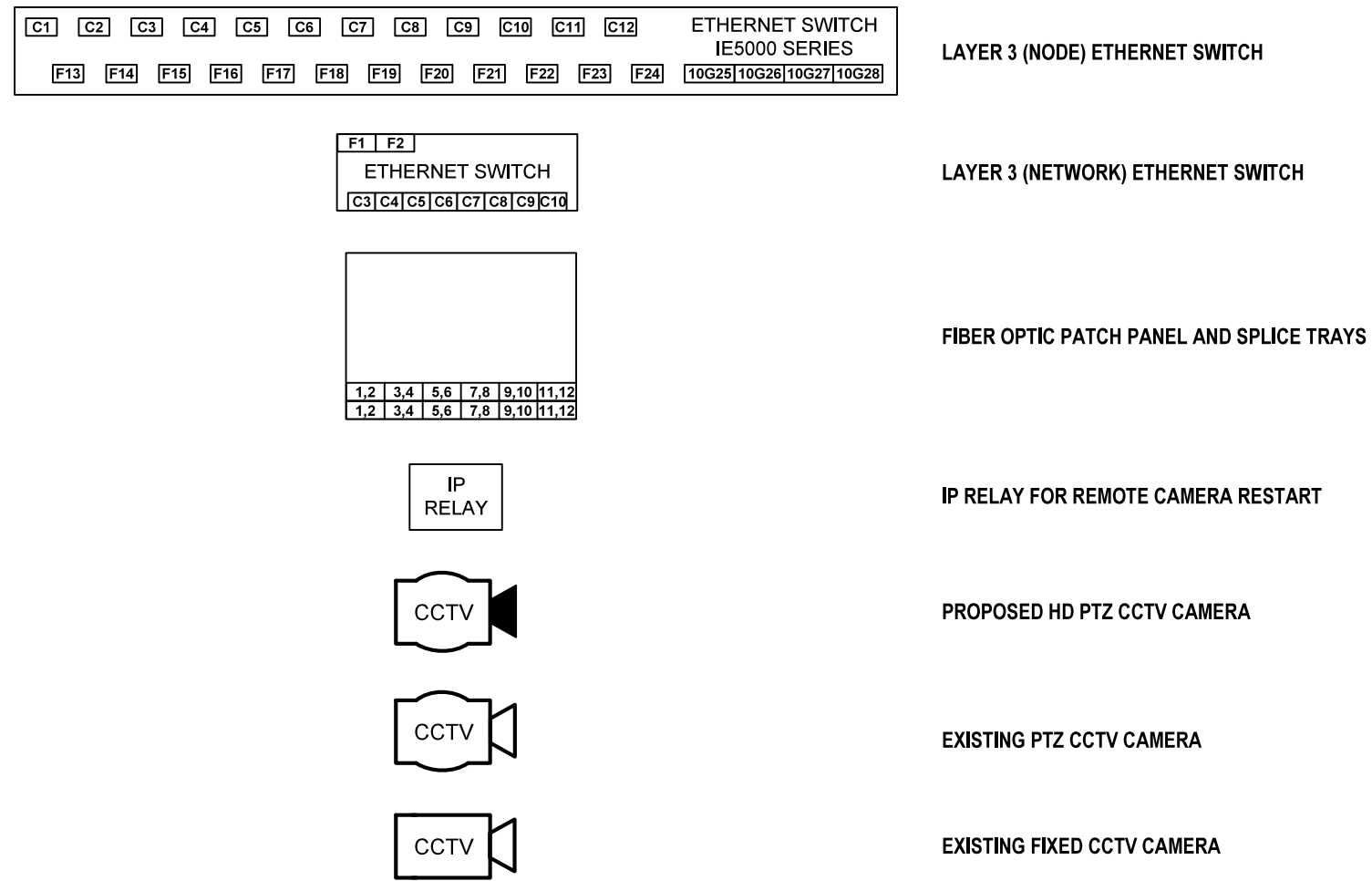
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	242
CONTRACT NO. 62079			ILLINOIS FED. AID PROJECT	

NETWORK DIAGRAM LEGEND

CABLES



FIELD DEVICES AND CABINET EQUIPMENT



GENERAL NOTES

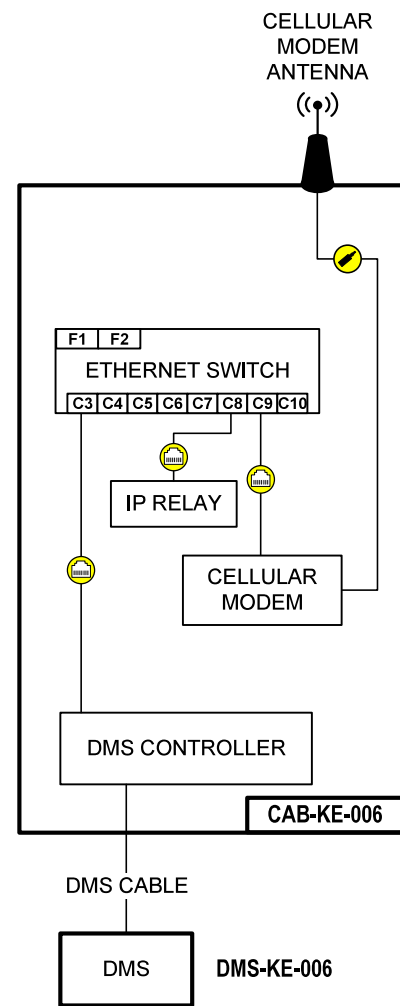
- NOTES:
1. DASHED LINES INDICATE EXISTING EQUIPMENT, CABLES, AND ENCLOSURES.
 2. ONLY COMMUNICATIONS VAULTS AT KEY LOCATION SHOWN FOR CLARITY.
 3. NOT ALL FIBERS ARE SHOWN FOR CLARITY. ONLY FIBERS USED FOR NETWORK ACTIVE NETWORK LINKS ARE SHOWN.
 4. SEE FIBER OPTIC SPLICING SHEETS FOR ALL FIBER STRAND TREATMENTS AT EACH SPLICING LOCATION.

NET-03

Jacobs	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NETWORK DIAGRAM LEGEND			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$\$SCALE\$	DRAWN HAH	REVISED -		194	2016-0681		388	243			
	PLOT DATE = \$DATES	CHECKED CRH	REVISED -		CONTRACT NO. 62D79							
	PLOT DATE = \$DATES	DATE 02/28/2020	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.	ILLINOIS	FED. AID PROJECT		

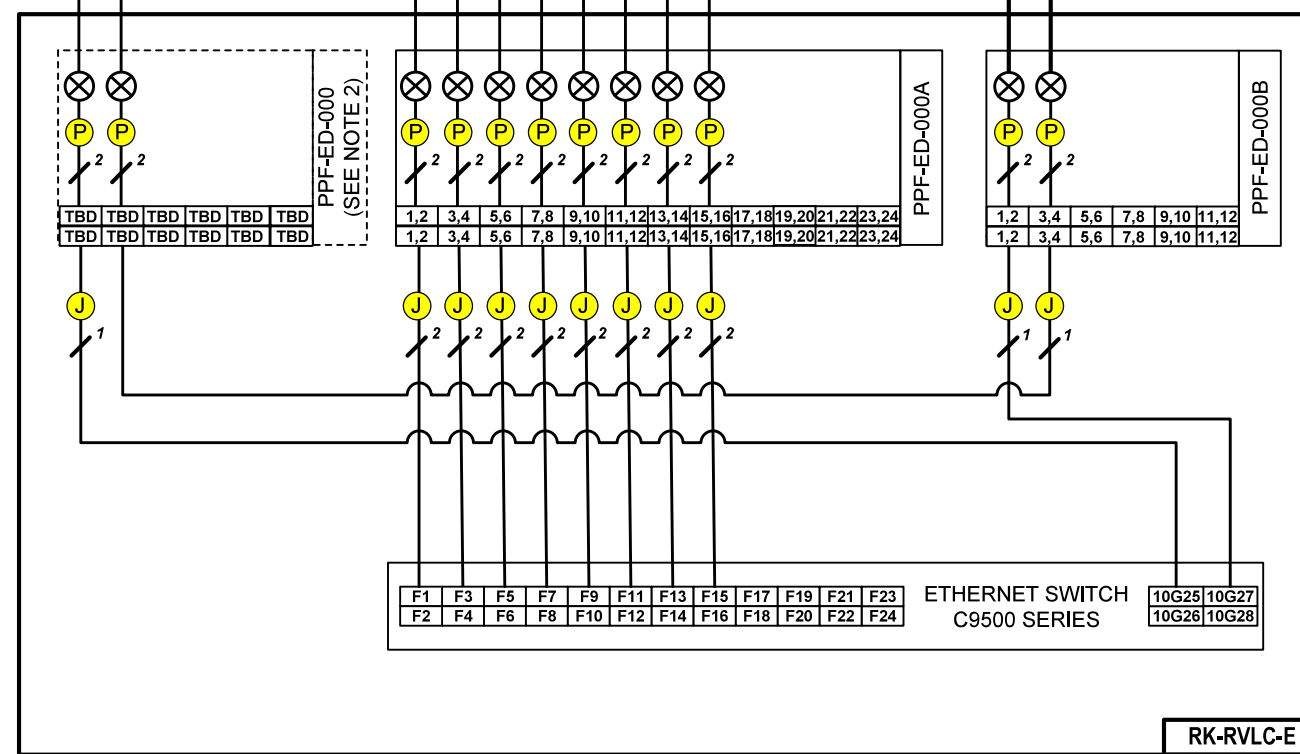
NOTES:

1. ALL FIBERS ON ALL CABLES ARE TERMINATED IN FIBER CABINET. DARK FIBERS ARE NOT SHOWN FOR CLARITY.
2. PATCH PANEL PORT ASSIGNMENTS AND BACKHAUL FIBERS TO IDOT DISTRICT 1 HEADQUARTERS TO BE PROVIDED BY THE ENGINEER.

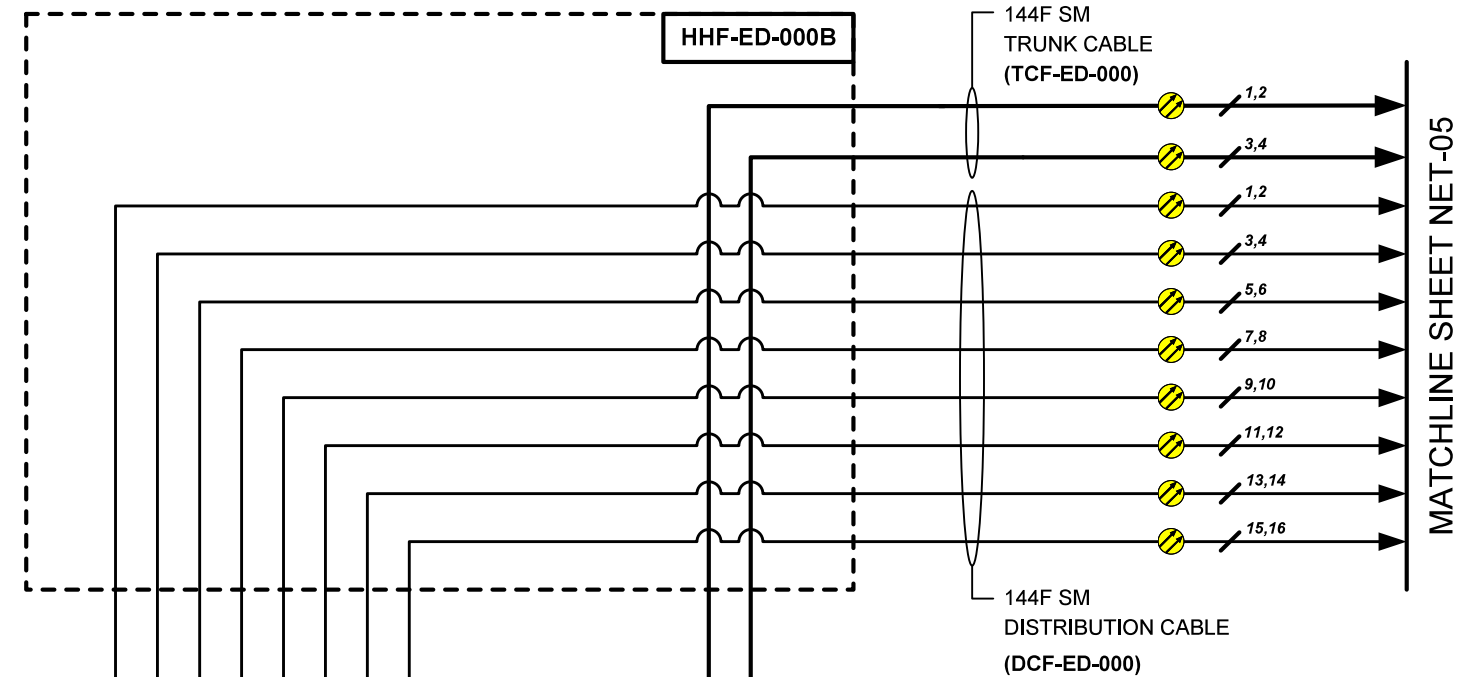


I-94 / SOUTH OF IRVING PARK RD
(SEE SHEET ITS-09)

BACKHAUL TO IDOT



I-94 / REVLA C BUILDING E
(SEE SHEET ITS-10)



MATCHLINE SHEET NET-05



USER NAME = \$USERS	DESIGNED JJZ	REVISED -
	DRAWN HAH	REVISED -
PLOT SCALE = \$SCALES	CHECKED CRH	REVISED -
PLOT DATE = \$DATES	DATE 02/28/2020	REVISED -

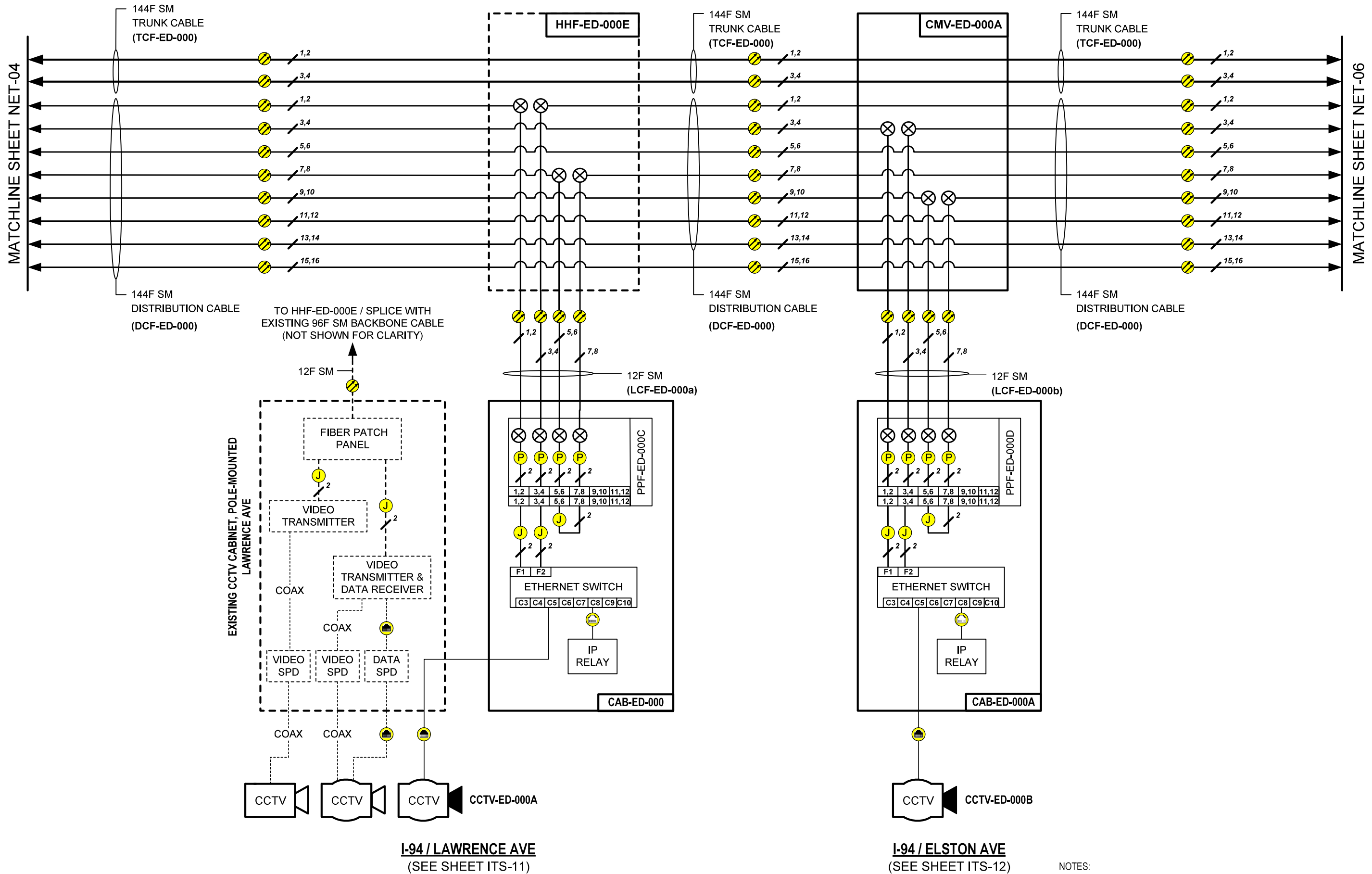
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NETWORK COMMUNICATION LINK DIAGRAM

SCALE: SHEET NO. 1 OF 14 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
I94	2016-068I	COOK	388	244
CONTRACT NO. 62D79				
ILLINOIS FED. AID PROJECT				

NET-04



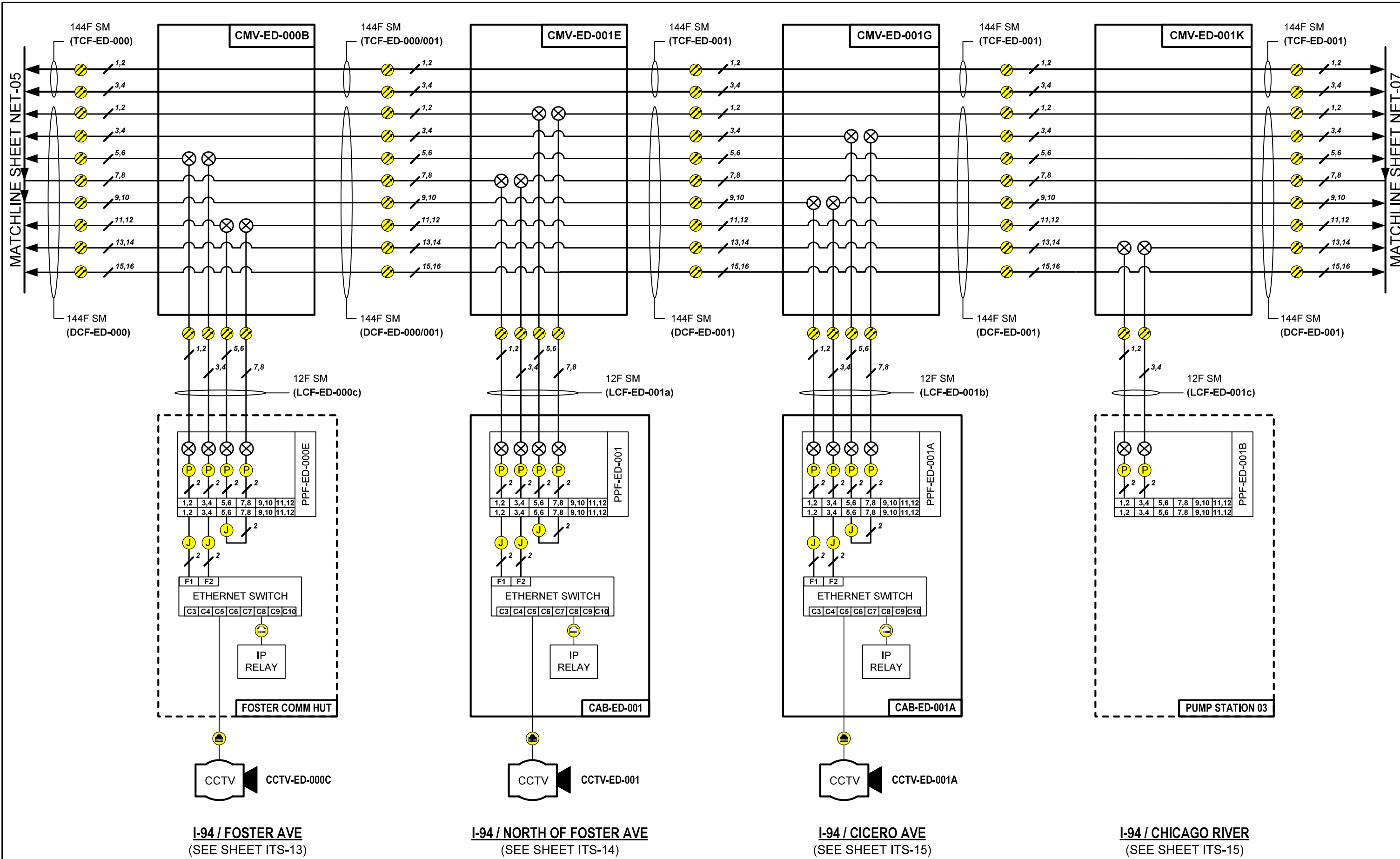
NOTES:
 1. ONLY NETWORK EQUIPMENT USED FOR I-94 VIDEO SURVEILLANCE SHOWN FOR CLARITY.

NET-05

	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NETWORK COMMUNICATION LINK DIAGRAM	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALES	DRAWN HAH	REVISED -			I94	2016-0681	COOK	388	245	
	PLOT DATE = \$DATES	CHECKED CRH	REVISED -			CONTRACT NO. 62D79					
	PLOT DATE = \$DATES	DATE 02/28/2020	REVISED -			ILLINOIS	FED. AID PROJECT				

FILE NAME = \$FILES

SCALE: SHEET NO. 2 OF 14 SHEETS STA. TO STA.



I-94 / FOSTER AVE
(SEE SHEET ITS-13)

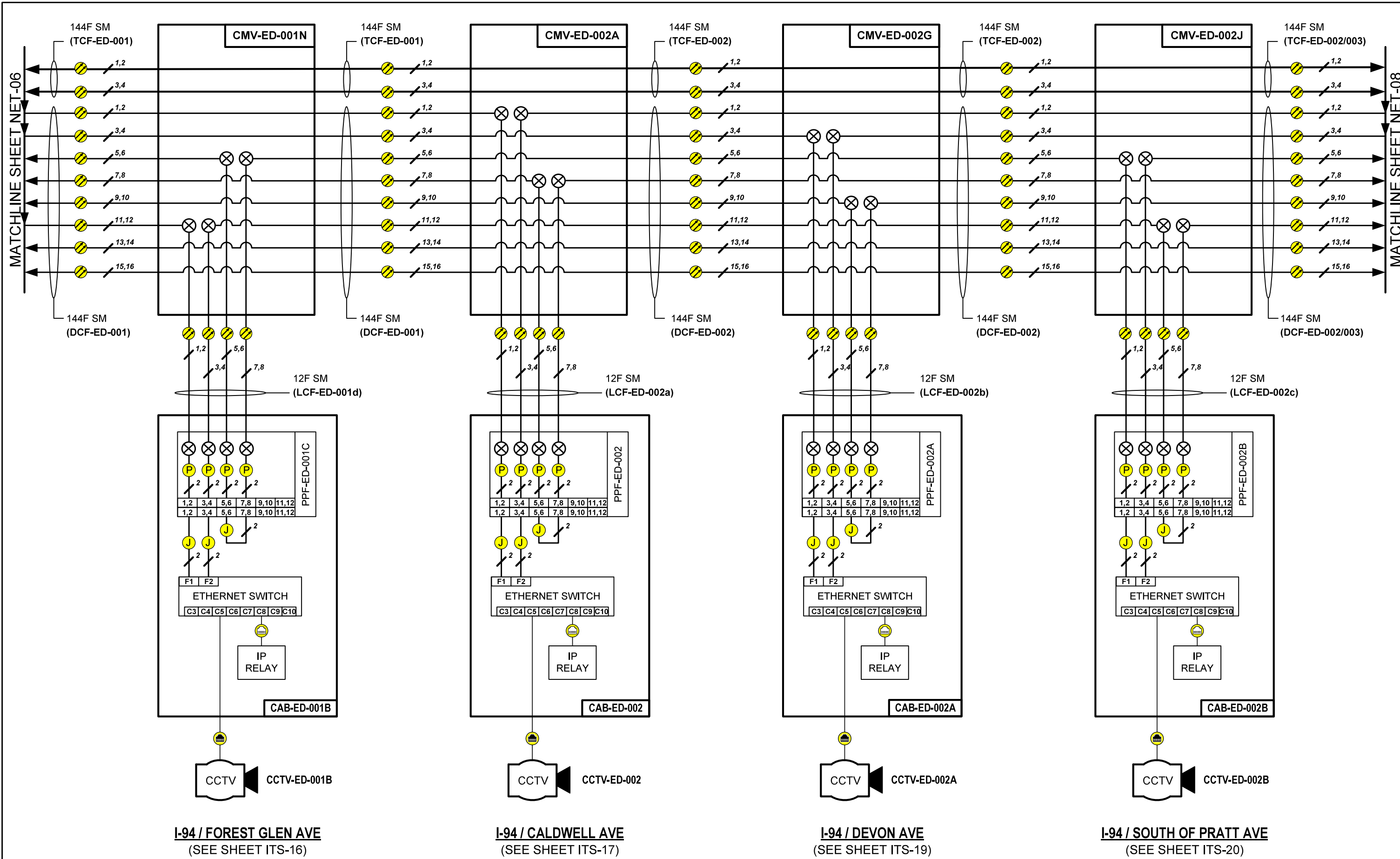
I-94 / NORTH OF FOSTER AVE
(SEE SHEET ITS-14)

I-94 / CICERO AVE
(SEE SHEET ITS-15)

I-94 / CHICAGO RIVER
(SEE SHEET ITS-15)

NET-06

	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NETWORK COMMUNICATION LINK DIAGRAM	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALES	DRAWN HAH	REVISED -			I94	2016-0681	COOK	388	246	
	PLOT DATE = \$DATES	CHECKED CRH	REVISED -			CONTRACT NO. 62D79					
	DATE 02/28/2020	DATE	REVISED -			ILLINOIS FED. AID PROJECT					
FILE NAME = \$FILES					SCALE:	SHEET NO. 3 OF 14 SHEETS	STA.	TO STA.			



I-94 / FOREST GLEN AVE
(SEE SHEET ITS-16)

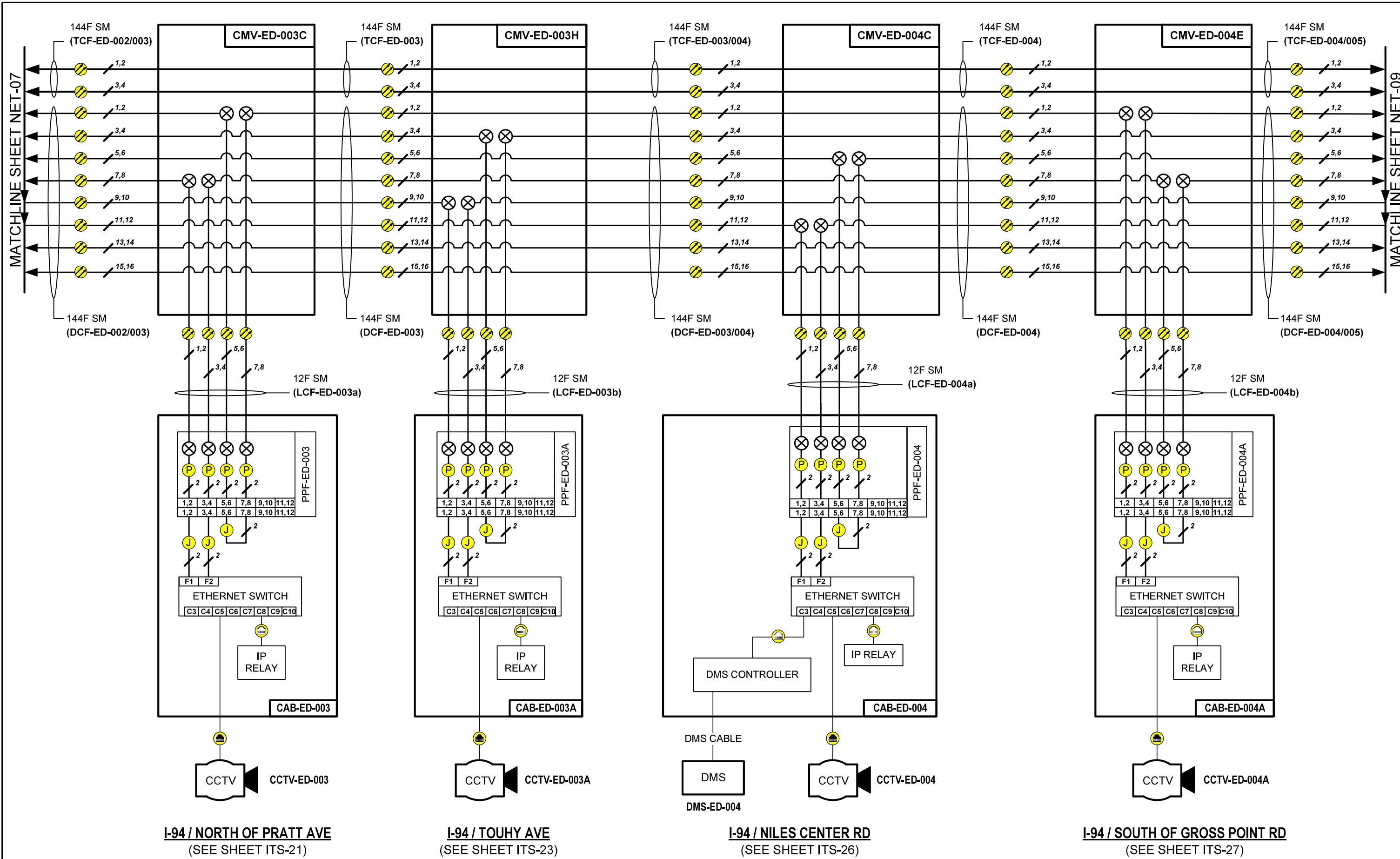
I-94 / CALDWELL AVE
(SEE SHEET ITS-17)

I-94 / DEVON AVE
(SEE SHEET ITS-19)

I-94 / SOUTH OF PRATT AVE
(SEE SHEET ITS-20)

NET-07

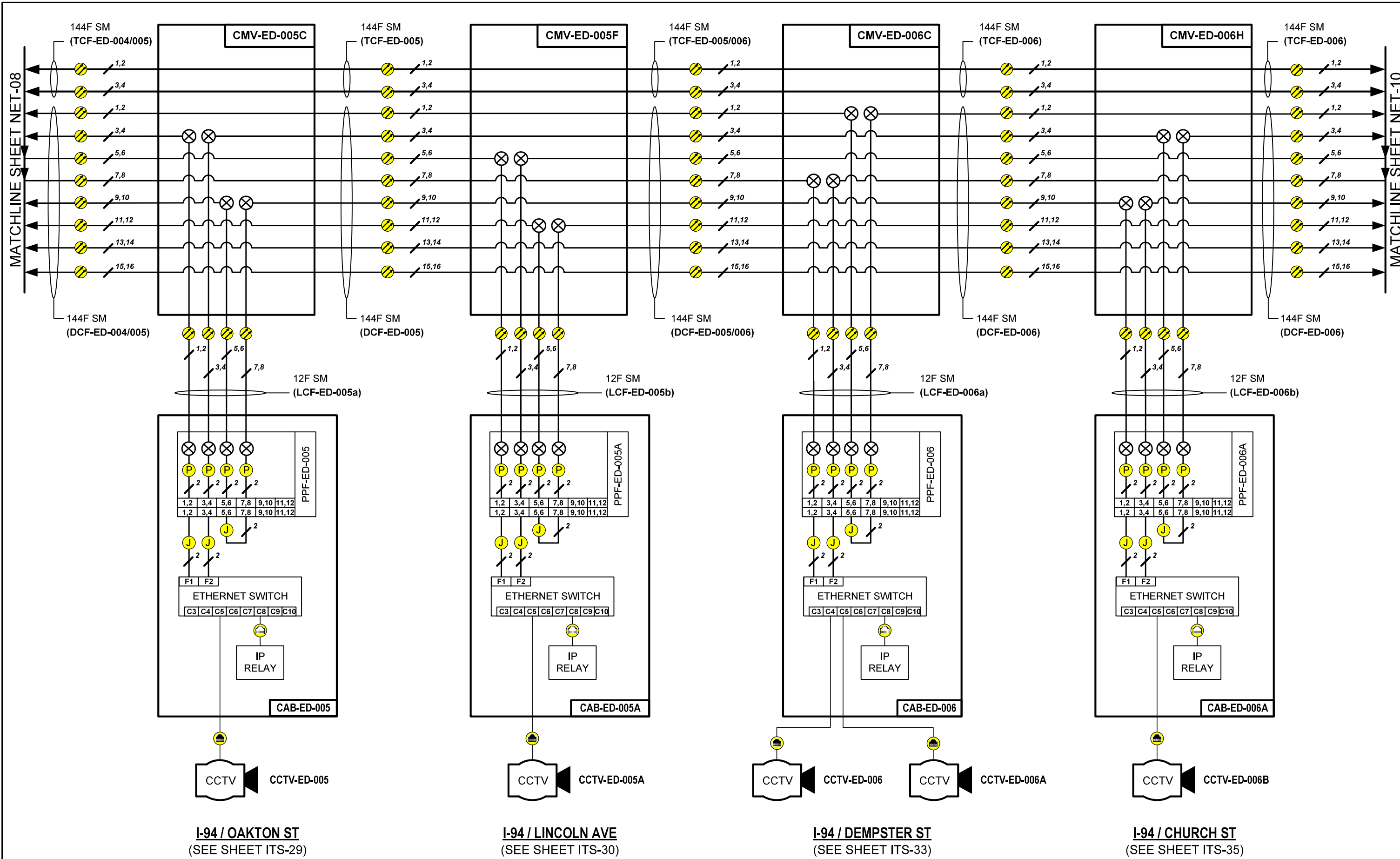
	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NETWORK COMMUNICATION LINK DIAGRAM	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALES	DRAWN HAH	REVISED -			I94	2016-0681	COOK	388	247	
	PLOT DATE = \$DATES	CHECKED CRH	REVISED -			CONTRACT NO. 62D79					
	DATE 02/28/2020	DATE	REVISED -			ILLINOIS FED. AID PROJECT					
FILE NAME = \$FILES					SCALE:	SHEET NO. 4 OF 14 SHEETS	STA.	TO STA.			



NET-08

Jacobs USER NAME = \$USERS PLOT SCALE = \$SCALE\$ PLOT DATE = \$DATES\$	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NETWORK COMMUNICATION LINK DIAGRAM	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN HAH	REVISED -			I94	2016-0681	COOK	388	248
	CHECKED CRH	REVISED -			CONTRACT NO. 62D79				
	DATE 02/28/2020	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE:				SHEET NO. 5 OF 14 SHEETS		STA. TO STA.			

FILE NAME = \$FILES



I-94 / OAKTON ST
(SEE SHEET ITS-29)

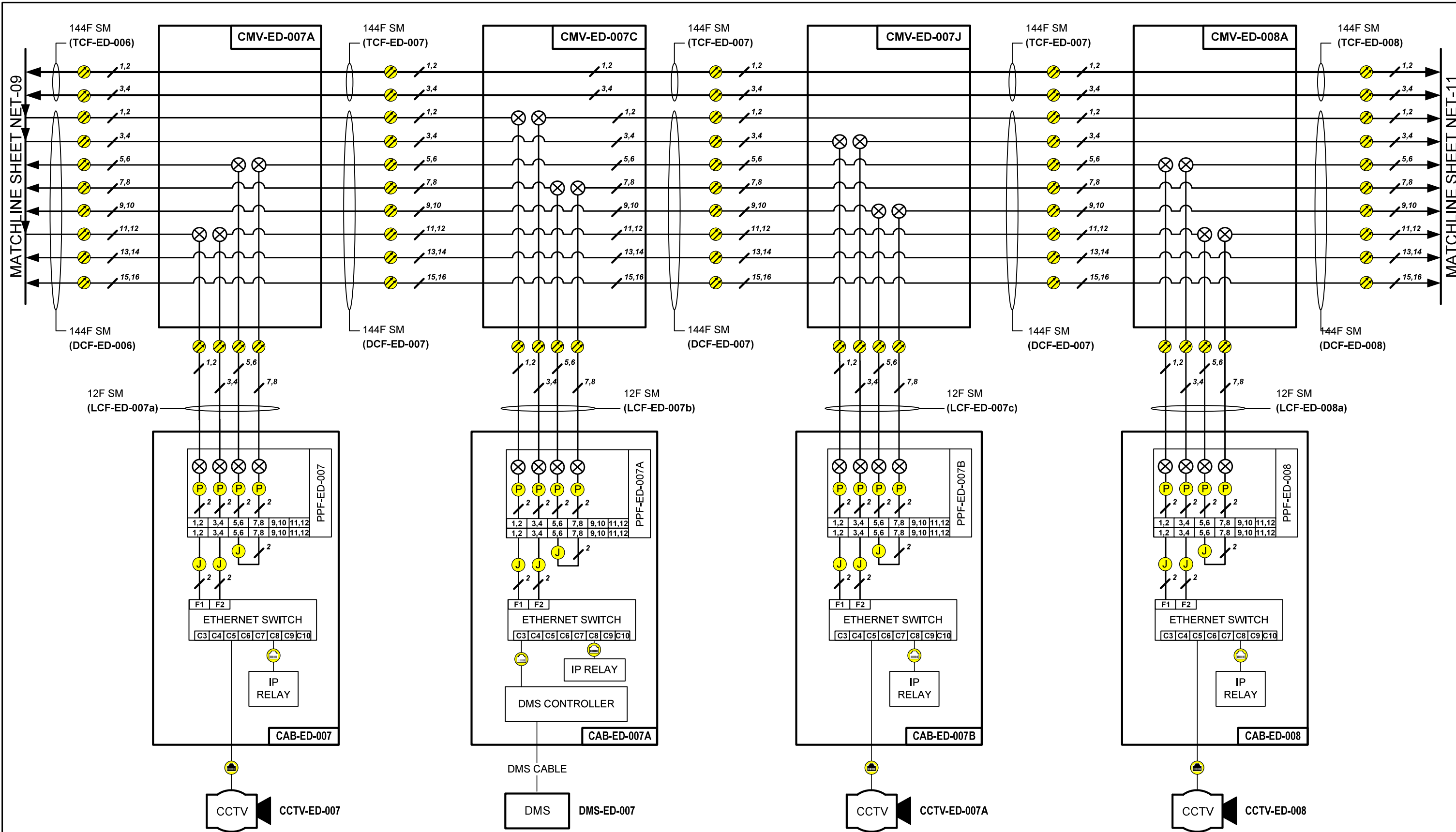
I-94 / LINCOLN AVE
(SEE SHEET ITS-30)

I-94 / DEMPSTER ST
(SEE SHEET ITS-33)

I-94 / CHURCH ST
(SEE SHEET ITS-35)

NET-09

	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NETWORK COMMUNICATION LINK DIAGRAM	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALES	DRAWN HAH	REVISED -			I94	2016-0681	COOK	388	249	
	PLOT DATE = \$DATES	CHECKED CRH	REVISED -			CONTRACT NO. 62D79					
	DATE 02/28/2020	REVISED -	ILLINOIS FED. AID PROJECT								
FILE NAME = \$FILES					SCALE:	SHEET NO. 6 OF 14 SHEETS	STA.	TO STA.			



I-94 / GOLF RD
(SEE SHEET ITS-37)

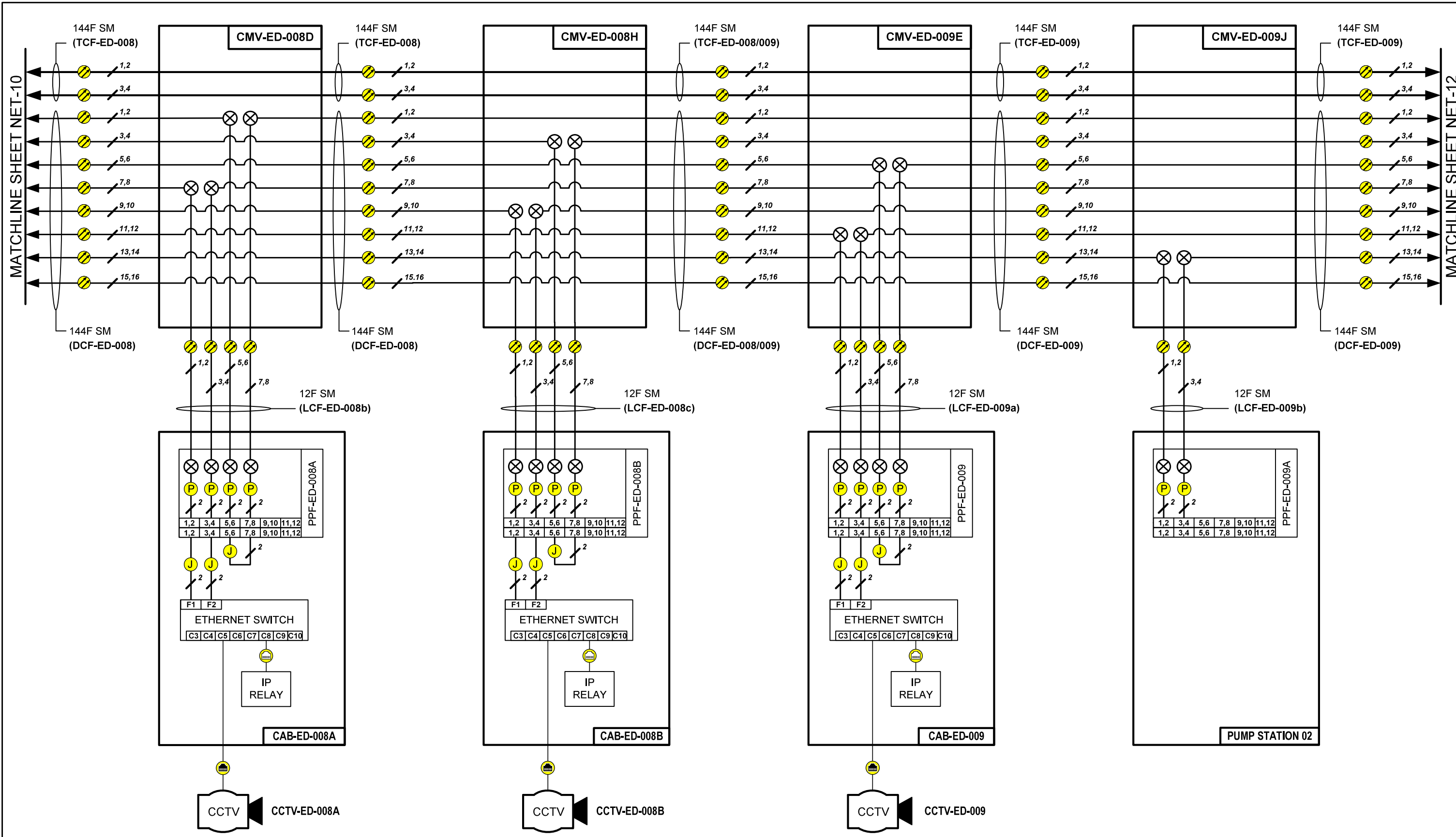
I-94 / GOLF RD
(SEE SHEET ITS-37)

I-94 / OLD ORCHARD AVE
(SEE SHEET ITS-39)

I-94 / GLENVIEW RD
(SEE SHEET ITS-40)

NET-10

	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NETWORK COMMUNICATION LINK DIAGRAM	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALES	DRAWN HAH	REVISED -			I94	2016-0681	COOK	388	250	
	PLOT DATE = \$DATES	CHECKED CRH	REVISED -			CONTRACT NO. 62D79					
	DATE 02/28/2020	DATE	REVISED -			ILLINOIS FED. AID PROJECT					
FILE NAME = \$FILES					SCALE:	SHEET NO. 7 OF 14 SHEETS	STA.	TO STA.			



I-94 / NORTH OF GLENVIEW RD
(SEE SHEET ITS-41)

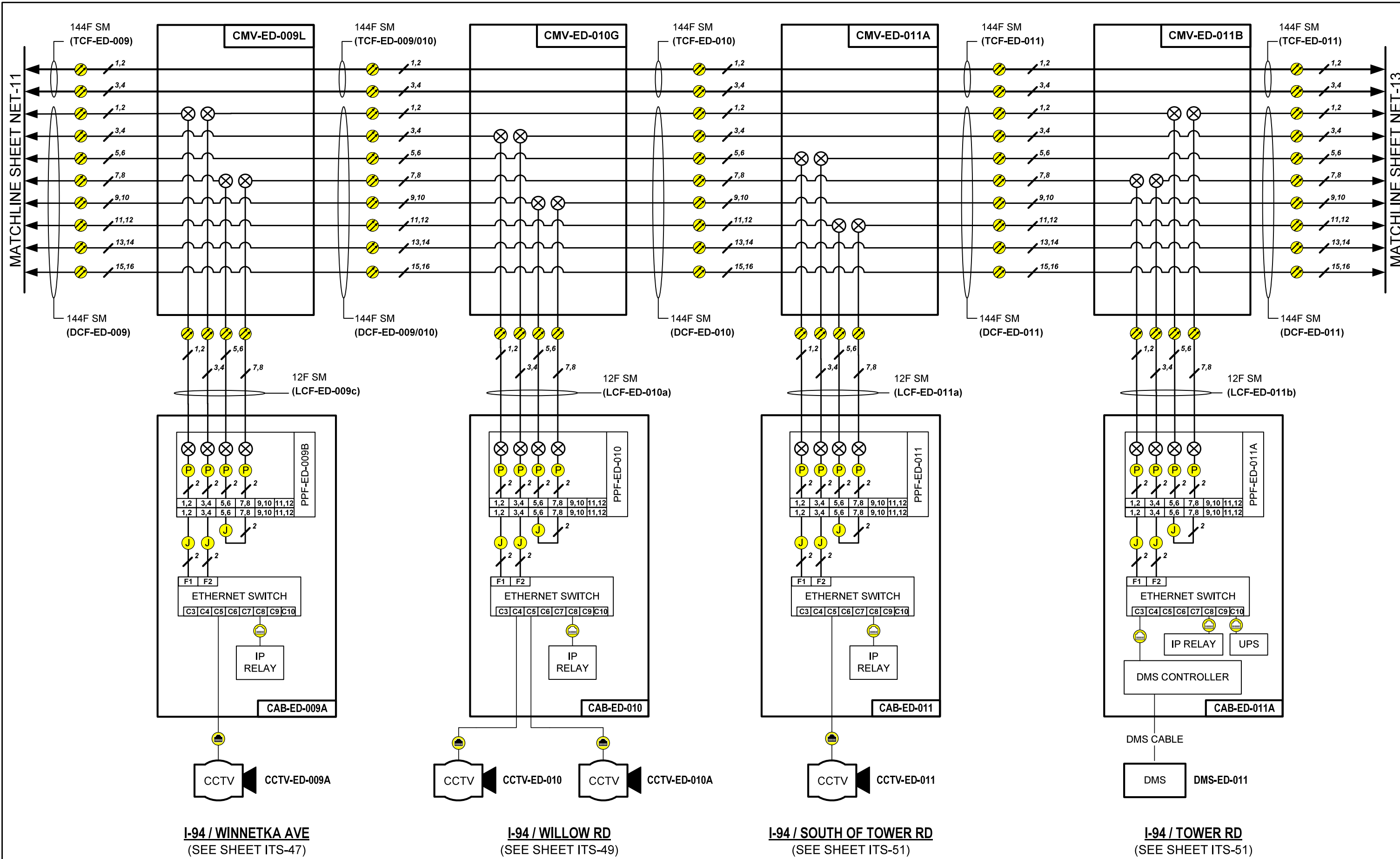
I-94 / LAKE AVE
(SEE SHEET ITS-43)

I-94 / SKOKIE BLVD
(SEE SHEET ITS-44)

I-94 / SKOKIE RIVER
(SEE SHEET ITS-46)

NET-11

	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NETWORK COMMUNICATION LINK DIAGRAM	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALE\$	DRAWN HAH	REVISED -			I94	2016-068I	COOK	388	251	
	PLOT DATE = \$DATES	CHECKED CRH	REVISED -			CONTRACT NO. 62D79					
	DATE 02/28/2020	DATE	REVISED -			ILLINOIS FED. AID PROJECT					
FILE NAME = \$FILES					SCALE:	SHEET NO. 8 OF 14 SHEETS	STA.	TO STA.			



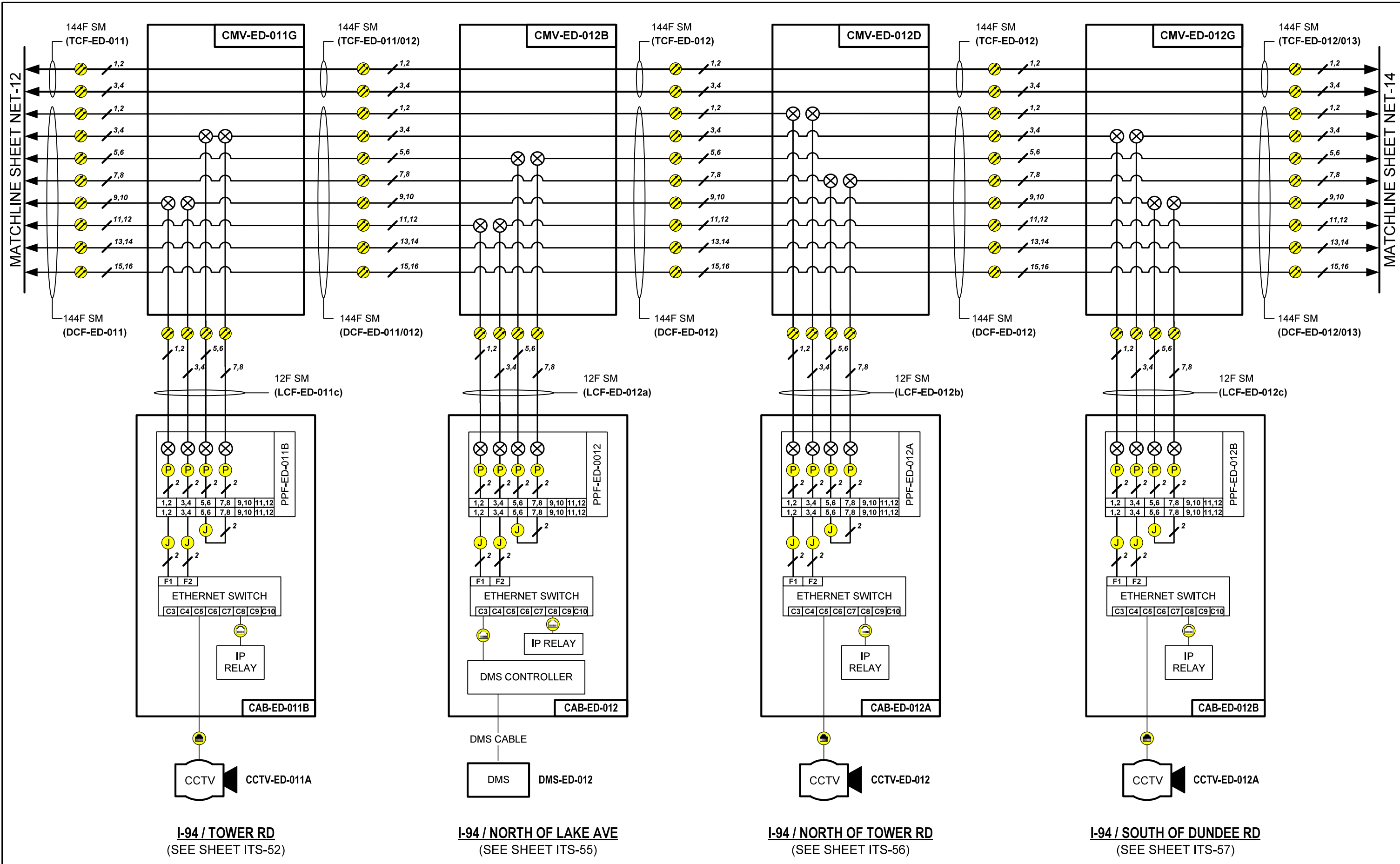
I-94 / WINNETKA AVE
(SEE SHEET ITS-47)

I-94 / WILLOW RD
(SEE SHEET ITS-49)

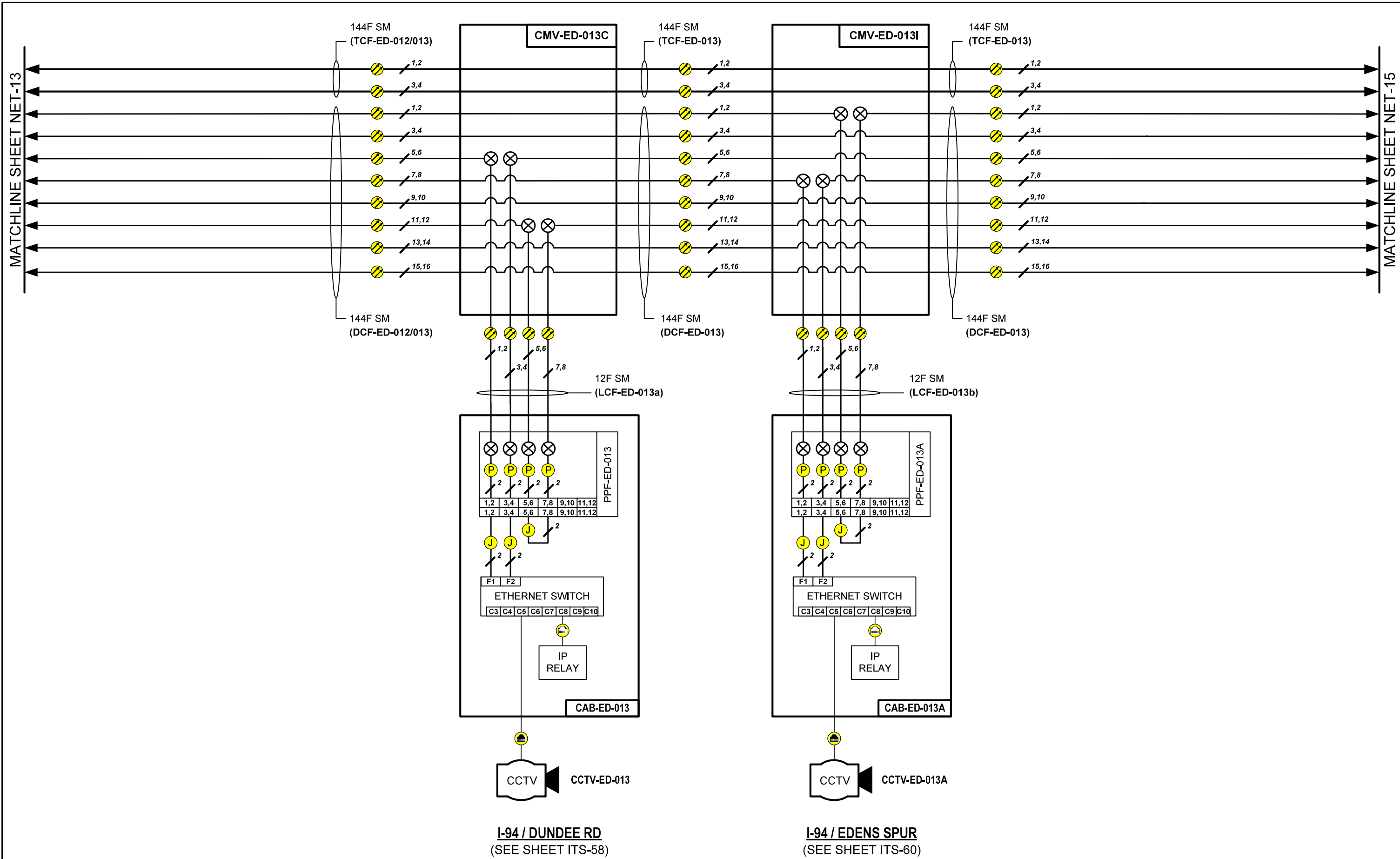
I-94 / SOUTH OF TOWER RD
(SEE SHEET ITS-51)

I-94 / TOWER RD
(SEE SHEET ITS-51)

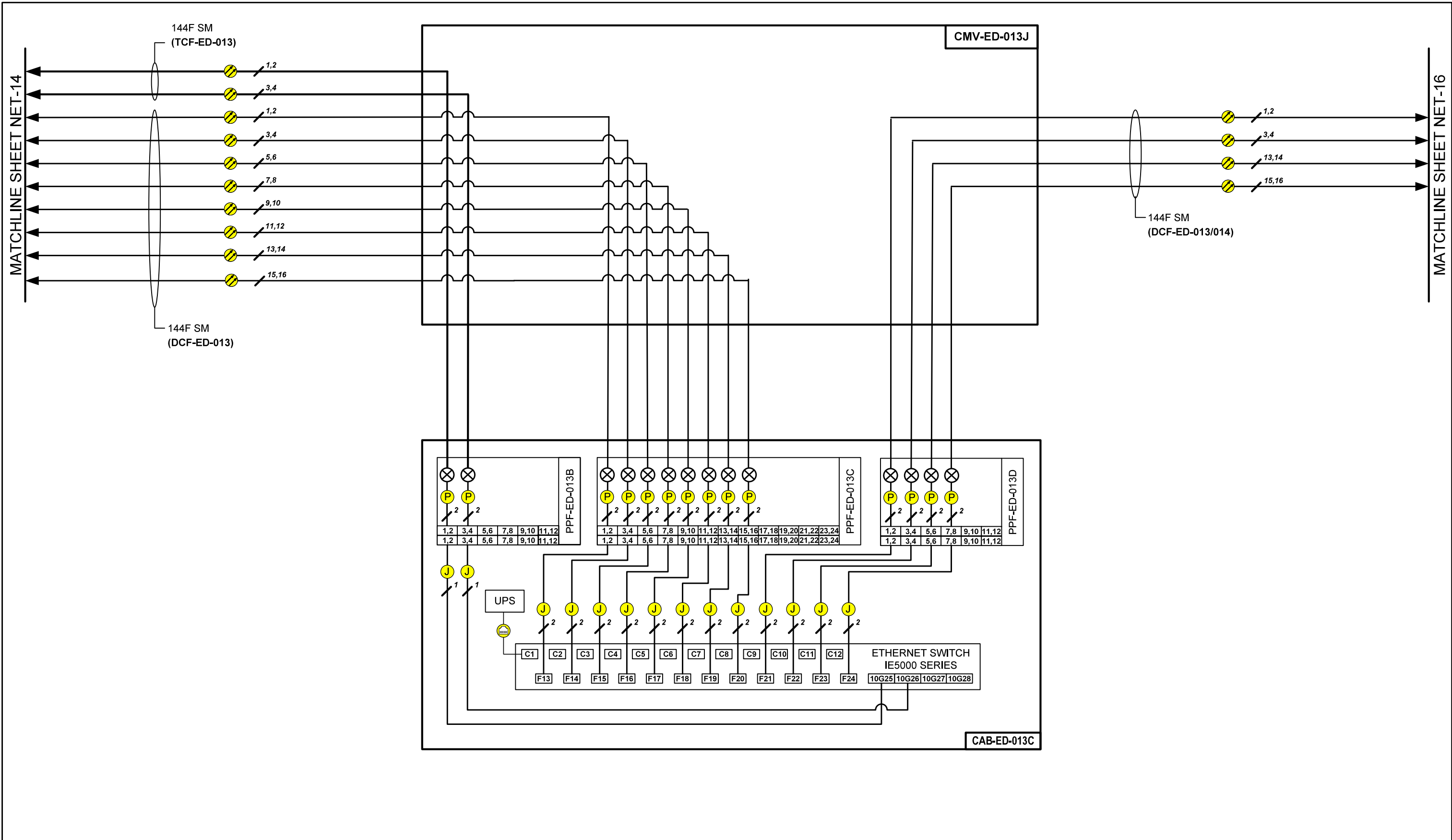
	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NETWORK COMMUNICATION LINK DIAGRAM	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALES	DRAWN HAH	REVISED -			I94	2016-068I	COOK	388	252	
	PLOT DATE = \$DATES	CHECKED CRH	REVISED -			CONTRACT NO. 62D79					
		DATE 02/28/2020	REVISED -			ILLINOIS FED. AID PROJECT					
FILE NAME = \$FILES					SCALE:	SHEET NO. 9 OF 14 SHEETS	STA.	TO STA.			



	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NETWORK COMMUNICATION LINK DIAGRAM	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALE\$	DRAWN HAH	REVISED -			I94	2016-0681	COOK	388	253	
	PLOT DATE = \$DATES	CHECKED CRH	REVISED -			CONTRACT NO. 62D79					
	DATE 02/28/2020	REVISED -	ILLINOIS FED. AID PROJECT								



	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NETWORK COMMUNICATION LINK DIAGRAM	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALE\$	CHECKED CRH	REVISED -			I94	2016-0681	COOK	388	254	
	PLOT DATE = \$DATES	DATE 02/28/2020	REVISED -			CONTRACT NO. 62D79					
							ILLINOIS	FED. AID PROJECT			

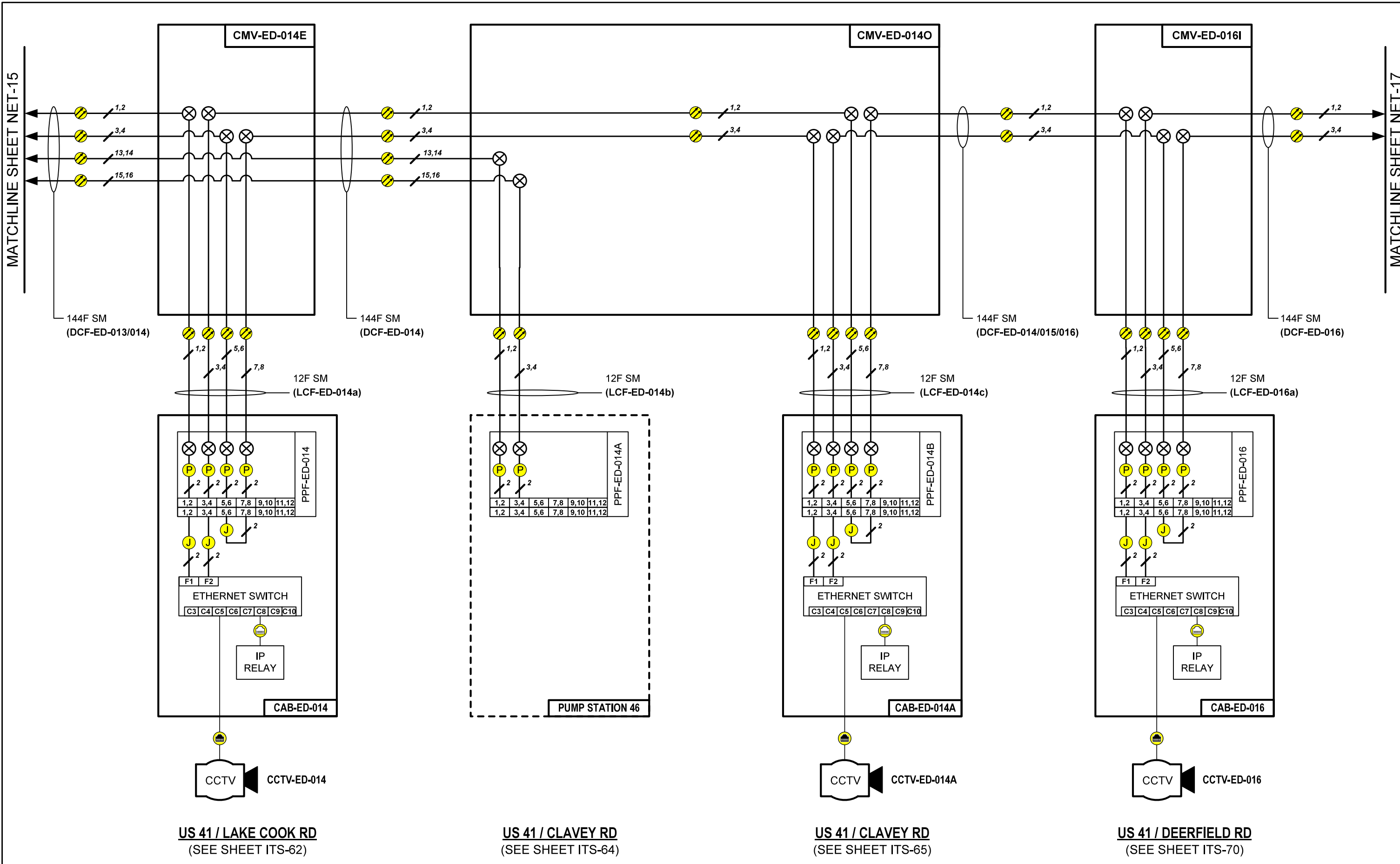


US 41/ EDENS SPUR NODE
(SEE SHEET ITS-60)

NOTES:
1. ALL FIBERS ON ALL CABLES ARE TERMINATED IN FIBER CABINET.
DARK FIBERS ARE NOT SHOWN FOR CLARITY.

NET-15

Jacobs	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NETWORK COMMUNICATION LINK DIAGRAM	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALES	CHECKED CRH	REVISED -			I94	2016-0681	COOK	388	255
	PLOT DATE = \$DATES	DATE 02/28/2020	REVISED -			CONTRACT NO. 62D79				
						SCALE:	SHEET NO. 12 OF 14 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT	

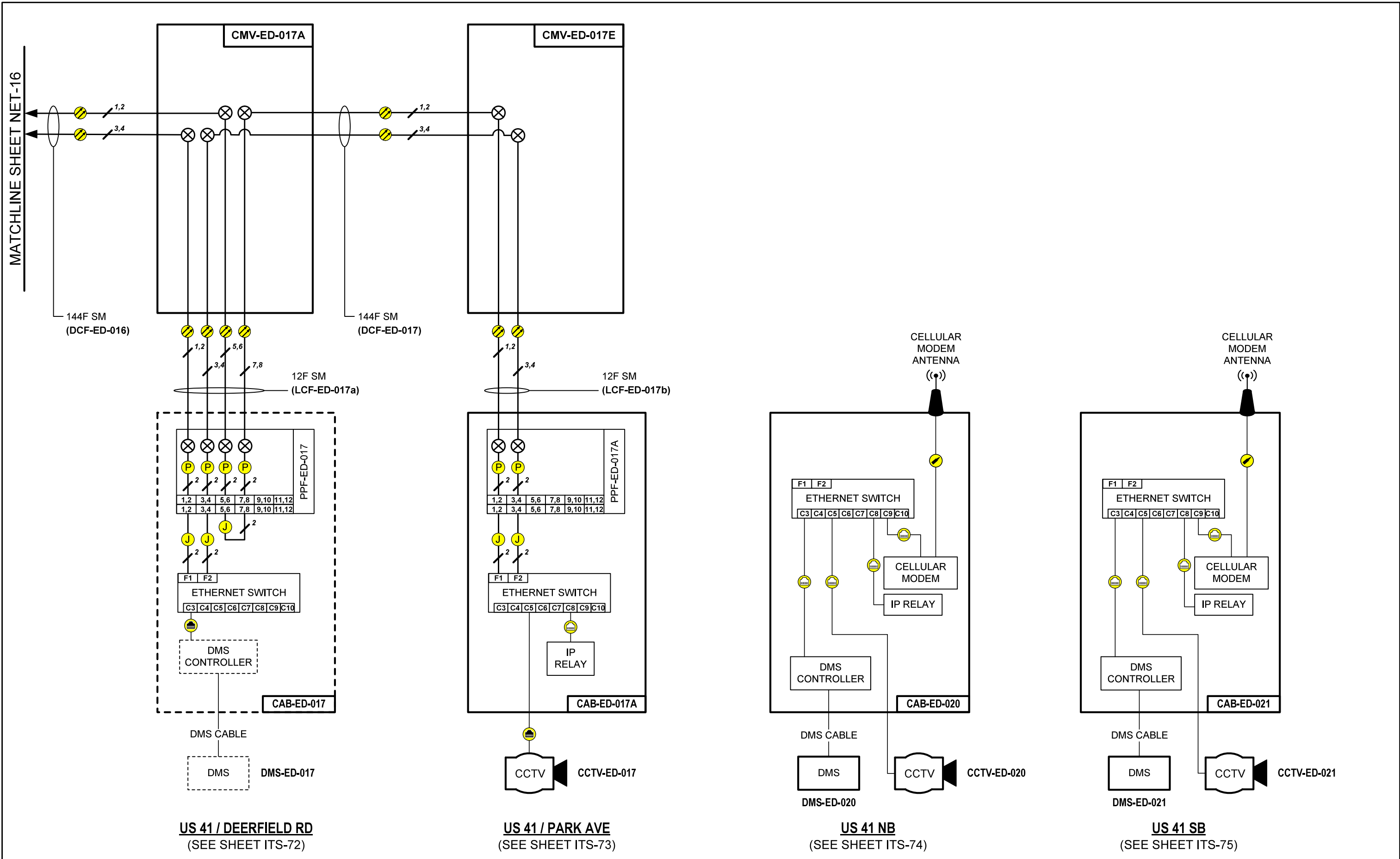


NET-16

	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NETWORK COMMUNICATION LINK DIAGRAM	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALES	CHECKED CRH	REVISED -			I94	2016-098I	LAKE	388	256	
	PLOT DATE = \$DATES	DATE 02/28/2020	REVISED -			CONTRACT NO. 62D79					
							ILLINOIS	FED. AID PROJECT			

FILE NAME = \$FILES

SCALE: SHEET NO. 13 OF 14 SHEETS STA. TO STA.



US 41 / DEERFIELD RD
(SEE SHEET ITS-72)

US 41 / PARK AVE
(SEE SHEET ITS-73)

US 41 NB
(SEE SHEET ITS-74)

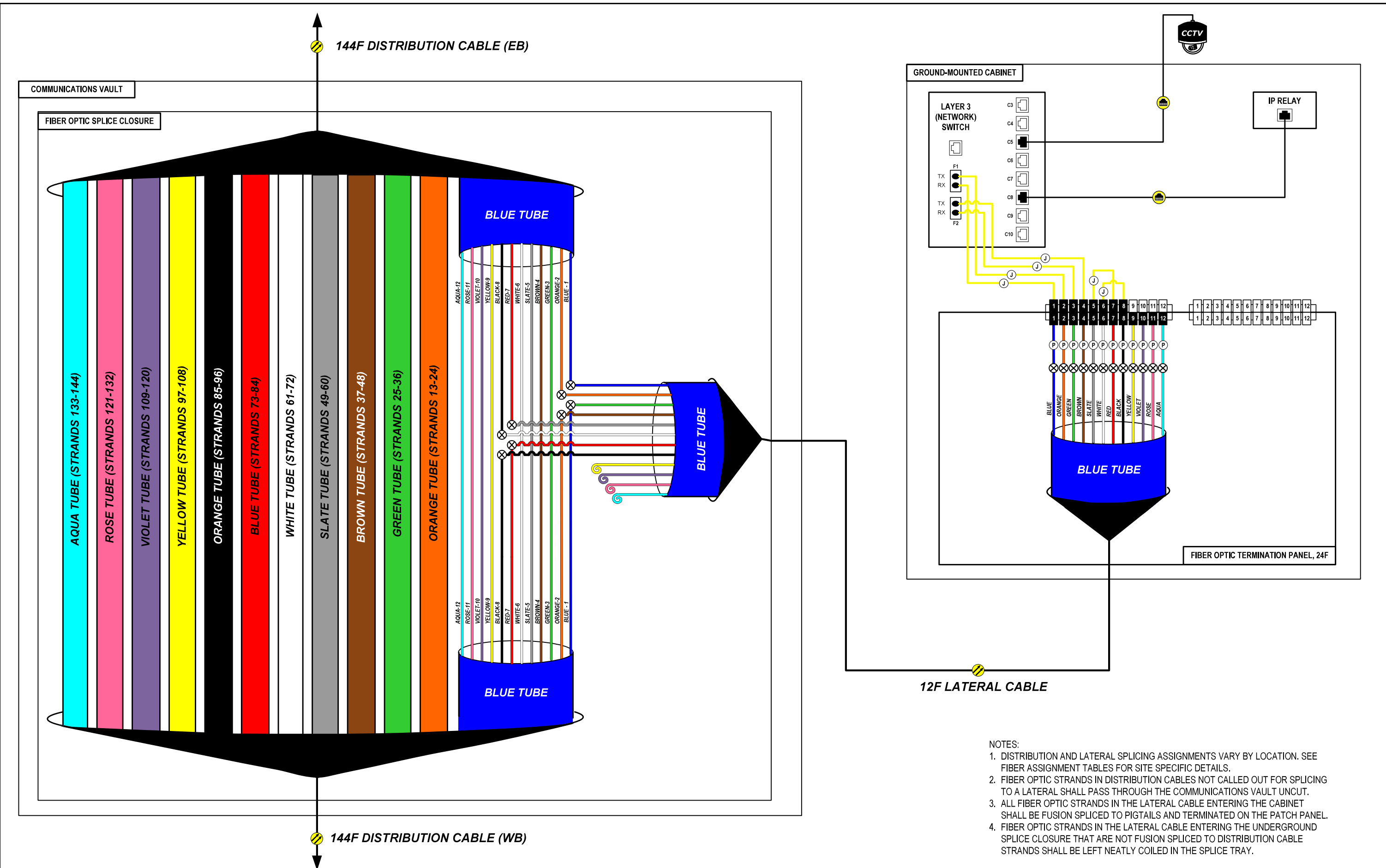
US 41 SB
(SEE SHEET ITS-75)

NET-17

	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	NETWORK COMMUNICATION LINK DIAGRAM	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALE\$	CHECKED CRH	REVISED -			I94	2016-0681	LAKE	388	257	
	PLOT DATE = \$DATES	DATE 02/28/2020	REVISED -			CONTRACT NO. 62D79					
							ILLINOIS	FED. AID PROJECT			

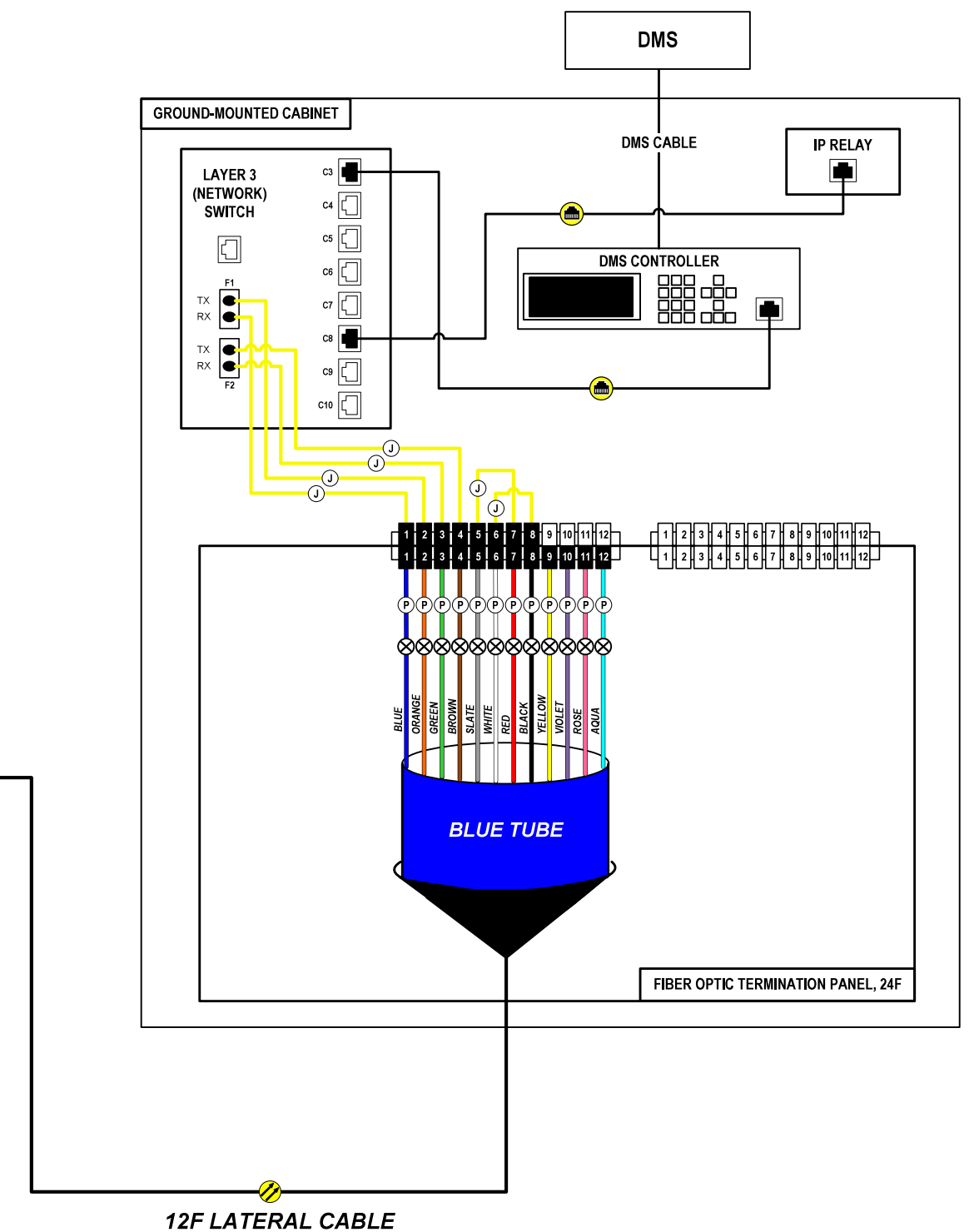
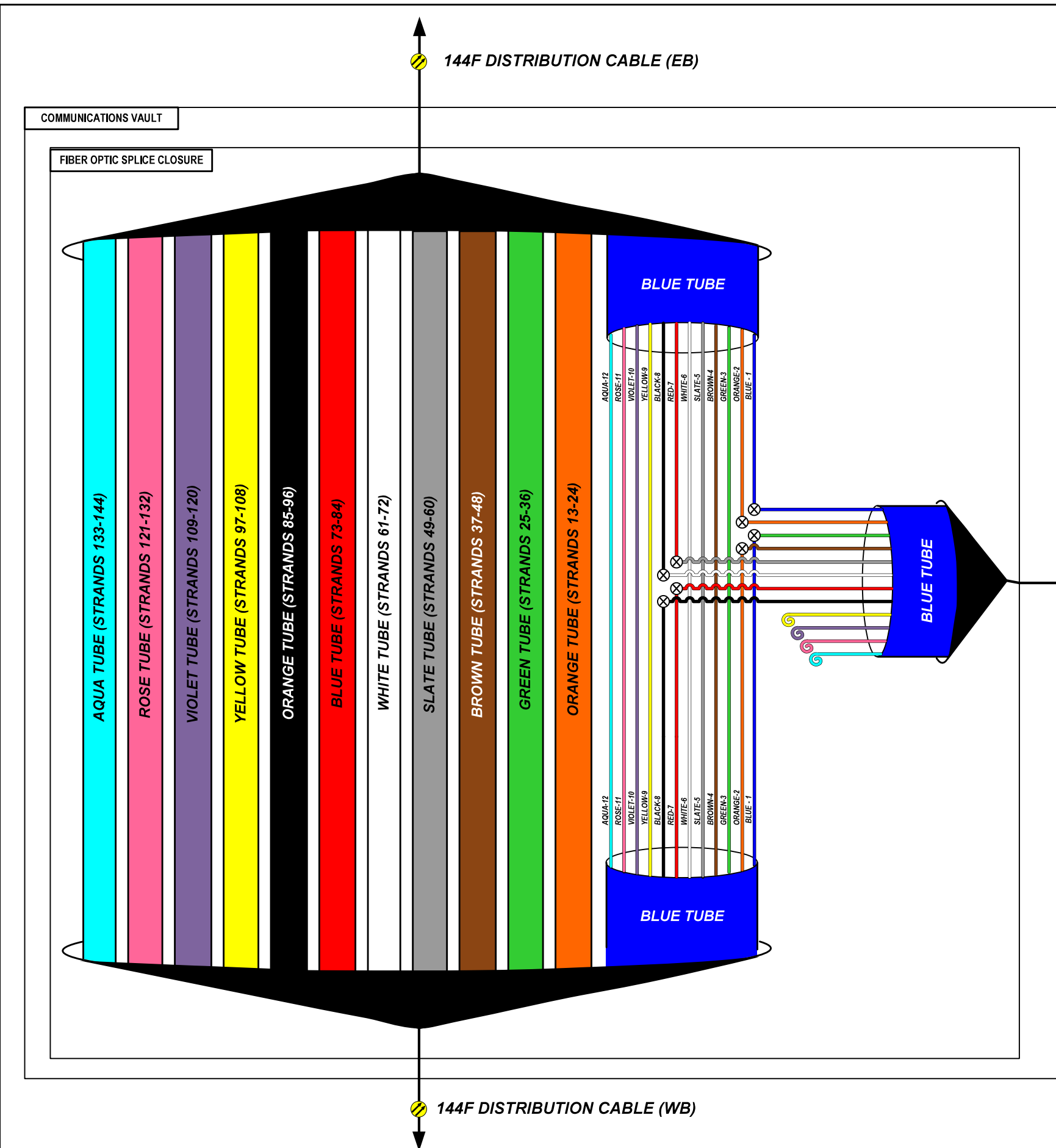
FILE NAME = \$FILES

SCALE: SHEET NO. 14 OF 14 SHEETS STA. TO STA.



- NOTES:
1. DISTRIBUTION AND LATERAL SPLICING ASSIGNMENTS VARY BY LOCATION. SEE FIBER ASSIGNMENT TABLES FOR SITE SPECIFIC DETAILS.
 2. FIBER OPTIC STRANDS IN DISTRIBUTION CABLES NOT CALLED OUT FOR SPLICING TO A LATERAL SHALL PASS THROUGH THE COMMUNICATIONS VAULT UN CUT.
 3. ALL FIBER OPTIC STRANDS IN THE LATERAL CABLE ENTERING THE CABINET SHALL BE FUSION SPLICED TO PIGTAILS AND TERMINATED ON THE PATCH PANEL.
 4. FIBER OPTIC STRANDS IN THE LATERAL CABLE ENTERING THE UNDERGROUND SPLICE CLOSURE THAT ARE NOT FUSION SPLICED TO DISTRIBUTION CABLE STRANDS SHALL BE LEFT NEATLY COILED IN THE SPLICE TRAY.

	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL FIBER OPTIC LATERAL SPLICING DETAIL (CCTV)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN HAH	CHECKED CRH	REVISED -					94	2016-0681	COOK	388	258
	PLOT SCALE = \$SCALES	DATE 02/28/2020	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 62D79		
	PLOT DATE = \$DATES	REVISED -				ILLINOIS FED. AID PROJECT						

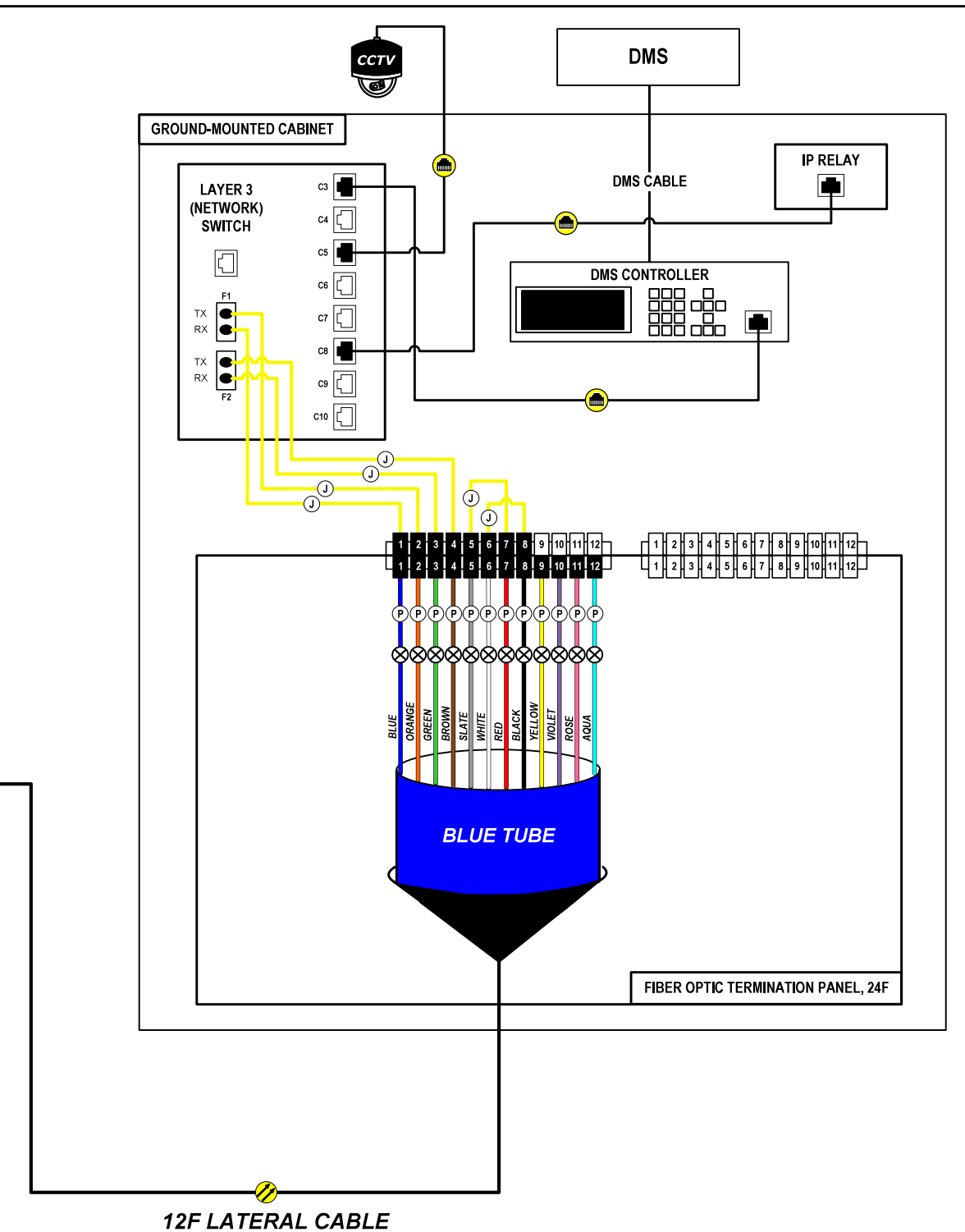
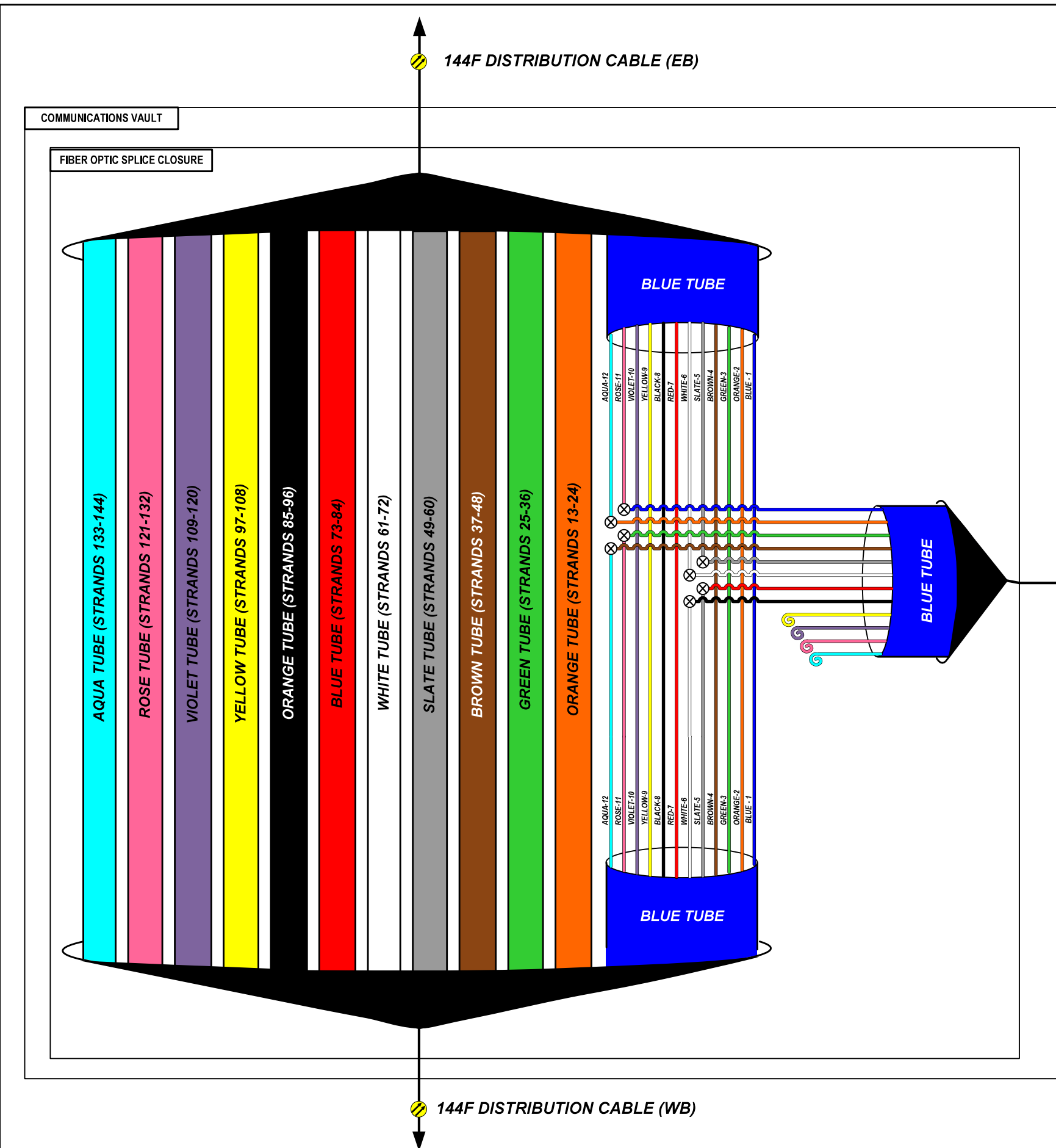


- NOTES:
1. DISTRIBUTION AND LATERAL SPLICING ASSIGNMENTS VARY BY LOCATION. SEE FIBER ASSIGNMENT TABLES FOR SITE SPECIFIC DETAILS.
 2. FIBER OPTIC STRANDS IN DISTRIBUTION CABLES NOT CALLED OUT FOR SPLICING TO A LATERAL SHALL PASS THROUGH THE COMMUNICATIONS VAULT UN CUT.
 3. ALL FIBER OPTIC STRANDS IN THE LATERAL CABLE ENTERING THE CABINET SHALL BE FUSION SPLICED TO PIGTAILS AND TERMINATED ON THE PATCH PANEL.
 4. FIBER OPTIC STRANDS IN THE LATERAL CABLE ENTERING THE UNDERGROUND SPLICE CLOSURE THAT ARE NOT FUSION SPLICED TO DISTRIBUTION CABLE STRANDS SHALL BE LEFT NEATLY COILED IN THE SPLICE TRAY.

NET-19

	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL FIBER OPTIC LATERAL SPLICING DETAIL (DMS)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = \$SCALES	CHECKED CRH	REVISED -					94	2016-0681	COOK	388	259
	PLOT DATE = \$DATES	DATE 02/28/2020	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 62D79		
										ILLINOIS FED. AID PROJECT		

FILE NAME = \$FILES

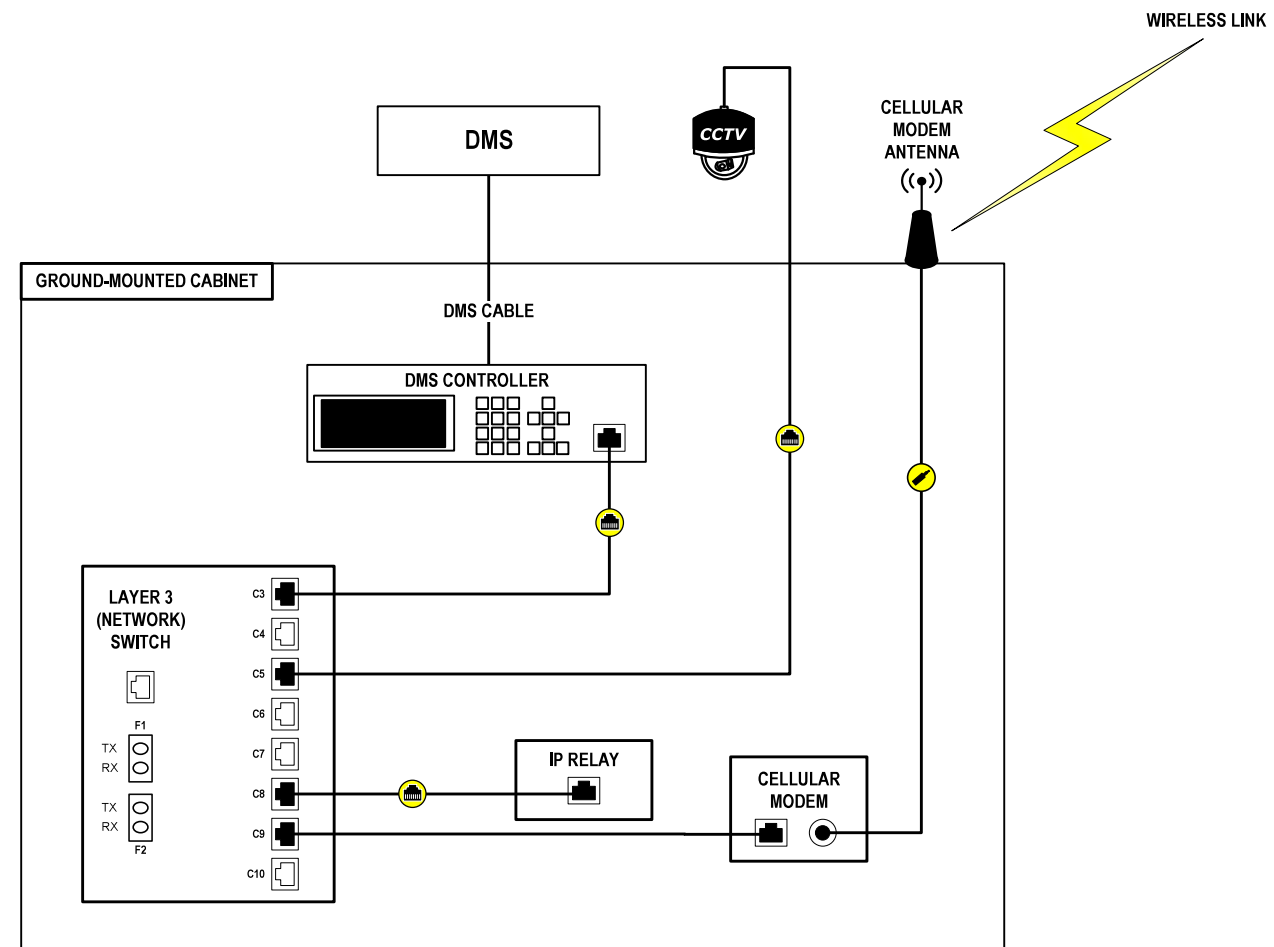


- NOTES:
1. DISTRIBUTION AND LATERAL SPLICING ASSIGNMENTS VARY BY LOCATION. SEE FIBER ASSIGNMENT TABLES FOR SITE SPECIFIC DETAILS.
 2. FIBER OPTIC STRANDS IN DISTRIBUTION CABLES NOT CALLED OUT FOR SPLICING TO A LATERAL SHALL PASS THROUGH THE COMMUNICATIONS VAULT UN CUT.
 3. ALL FIBER OPTIC STRANDS IN THE LATERAL CABLE ENTERING THE CABINET SHALL BE FUSION SPLICED TO PIGTAILS AND TERMINATED ON THE PATCH PANEL.
 4. FIBER OPTIC STRANDS IN THE LATERAL CABLE ENTERING THE UNDERGROUND SPLICE CLOSURE THAT ARE NOT FUSION SPLICED TO DISTRIBUTION CABLE STRANDS SHALL BE LEFT NEATLY COILED IN THE SPLICE TRAY.

NET-20

Jacobs	USER NAME = \$USERS	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL FIBER OPTIC LATERAL SPLICING DETAIL (CCTV/DMS)				F.A.P. RTE. 94	SECTION 2016-0681	COUNTY COOK	TOTAL SHEETS 388	SHEET NO. 260	
	PLOT SCALE = \$SCALES	CHECKED CRH	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 62D79				
	PLOT DATE = \$DATES	DATE 02/28/2020	REVISED -		ILLINOIS FED. AID PROJECT									

FILE NAME = \$FILES



NOTES:
 1. PRESENCE OF CCTV CAMERA VARIES BY LOCATION. SEE ITS CONSTRUCTION PLANS FOR DETAILS.

NET-21

Jacobs	USER NAME = \$USERS\$	DESIGNED JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CELLULAR DMS DETAIL			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = \$SCALES\$	CHECKED CRH	REVISED -					94	2016-0681	COOK	388	261	
	PLOT DATE = \$DATES\$	DATE 02/28/2020	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 62D79			
										ILLINOIS	FED. AID PROJECT		

p:\US\ASB-APP\666CS_jacobson\NAD\Documents\C9226600_1-94_U.S.-41\C9226600_700-sada\713-trunk\62079 (Fiber)\081.DIP\9137613-sheet11S-Trunk_RK-RVLC-Edgn

TRUNK CABLE FIBER ASSIGNMENTS				ORIGINATION	RK-RVLC-E [PPF-ED-000B]		
TRUNK CABLE DESIGNATION				DESTINATION	CAB-ED-013C [PPF-ED-013B]		
TCF-ED-000	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT	ASSIGNMENT
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue 1	1	C9500 ETHERNET SWITCH (10G SFP, PORT 27)	RED	Blue 1	73	
	Orange 2	2	RESERVED		Orange 2	74	
	Green 3	3	BACKHAUL FIBER PPF-ED-000 (ASSIGNMENT TO BE PROVIDED BY THE ENGINEER)		Green 3	75	
	Brown 4	4	BACKHAUL FIBER PPF-ED-000 (RESERVED)		Brown 4	76	
	Slate 5	5			Slate 5	77	
	White 6	6			White 6	78	
	Red 7	7			Red 7	79	
	Black 8	8			Black 8	80	
	Yellow 9	9			Yellow 9	81	
	Violet 10	10			Violet 10	82	
	Rose 11	11			Rose 11	83	
	Aqua 12	12			Aqua 12	84	
ORANGE	Blue 1	13		BLACK	Blue 1	85	
	Orange 2	14			Orange 2	86	
	Green 3	15			Green 3	87	
	Brown 4	16			Brown 4	88	
	Slate 5	17			Slate 5	89	
	White 6	18			White 6	90	
	Red 7	19			Red 7	91	
	Black 8	20			Black 8	92	
	Yellow 9	21			Yellow 9	93	
	Violet 10	22			Violet 10	94	
	Rose 11	23			Rose 11	95	
	Aqua 12	24			Aqua 12	96	
GREEN	Blue 1	25		YELLOW	Blue 1	97	
	Orange 2	26			Orange 2	98	
	Green 3	27			Green 3	99	
	Brown 4	28			Brown 4	100	
	Slate 5	29			Slate 5	101	
	White 6	30			White 6	102	
	Red 7	31			Red 7	103	
	Black 8	32			Black 8	104	
	Yellow 9	33			Yellow 9	105	
	Violet 10	34			Violet 10	106	
	Rose 11	35			Rose 11	107	
	Aqua 12	36			Aqua 12	108	
BROWN	Blue 1	37		VIOLET	Blue 1	109	
	Orange 2	38			Orange 2	110	
	Green 3	39			Green 3	111	
	Brown 4	40			Brown 4	112	
	Slate 5	41			Slate 5	113	
	White 6	42			White 6	114	
	Red 7	43			Red 7	115	
	Black 8	44			Black 8	116	
	Yellow 9	45			Yellow 9	117	
	Violet 10	46			Violet 10	118	
	Rose 11	47			Rose 11	119	
	Aqua 12	48			Aqua 12	120	
SLATE	Blue 1	49		ROSE	Blue 1	121	
	Orange 2	50			Orange 2	122	
	Green 3	51			Green 3	123	
	Brown 4	52			Brown 4	124	
	Slate 5	53			Slate 5	125	
	White 6	54			White 6	126	
	Red 7	55			Red 7	127	
	Black 8	56			Black 8	128	
	Yellow 9	57			Yellow 9	129	
	Violet 10	58			Violet 10	130	
	Rose 11	59			Rose 11	131	
	Aqua 12	60			Aqua 12	132	
WHITE	Blue 1	61		AQUA	Blue 1	133	
	Orange 2	62			Orange 2	134	
	Green 3	63			Green 3	135	
	Brown 4	64			Brown 4	136	
	Slate 5	65			Slate 5	137	
	White 6	66			White 6	138	
	Red 7	67			Red 7	139	
	Black 8	68			Black 8	140	
	Yellow 9	69			Yellow 9	141	
	Violet 10	70			Violet 10	142	
	Rose 11	71			Rose 11	143	
	Aqua 12	72			Aqua 12	144	

TCF-ED-000 (WB)

SPL-01



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
PLOT SCALE =	DRAWN - NG	REVISED -
PLOT DATE = 2/27/2020	CHECKED - DAD	REVISED -
	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRUNK CABLE FIBER ASSIGNMENTS
RK-RVLC-E

SCALE: NTS SHEET 1 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	262
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

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TRUNK CABLE FIBER ASSIGNMENTS				ORIGINATION	CAB-ED-013C [PPF-ED-013B]	
TRUNK CABLE DESIGNATION			TCF-ED-013	DESTINATION	RK-RVLC-E [PPF-ED-000B]	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1	IE5000 ETHERNET SWITCH (10G SFP, PORT 25)	RED	Blue	1 73
	Orange	2	RESERVED		Orange	2 74
	Green	3	IE5000 ETHERNET SWITCH (10G SFP, PORT 26)		Green	3 75
	Brown	4	RESERVED		Brown	4 76
	Slate	5			Slate	5 77
	White	6			White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9			Yellow	9 81
	Violet	10			Violet	10 82
	Rose	11			Rose	11 83
	Aqua	12			Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

TCF-ED-013 (EB)

SPL-02

	USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRUNK CABLE FIBER ASSIGNMENTS CAB-ED-013C (EB)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - DAD	REVISED -			94	2016-0681	COOK/LAKE	388	263
	PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -			CONTRACT NO. 62079		ILLINOIS FED. AID PROJECT		

SCALE: NTS SHEET 2 OF 70 SHEETS STA. TO STA.

p:\US\ASB-APP\066CS_pecobtr.com\NA\Documents\C9226600_1-94_U.S.-41\C9226600\700-cadd\713-trunk\62079 (Fiber)\K03.DTP\9127613-sheet-TIS-Trunk CAB-ED-013C.mbl.dgn

TRUNK CABLE FIBER ASSIGNMENTS				ORIGINATION	CAB-ED-013C [PPF-ED-013E]		
TRUNK CABLE DESIGNATION				DESTINATION	CMV-ED-017E		
BUFFER TUBE	FIBER	FIBER NO.	TCF-ED-013 ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1		RED	Blue	1	73
	Orange	2			Orange	2	74
	Green	3			Green	3	75
	Brown	4			Brown	4	76
	Slate	5			Slate	5	77
	White	6			White	6	78
	Red	7			Red	7	79
	Black	8			Black	8	80
	Yellow	9			Yellow	9	81
	Violet	10			Violet	10	82
	Rose	11			Rose	11	83
	Aqua	12			Aqua	12	84
ORANGE	Blue	1	13	BLACK	Blue	1	85
	Orange	2	14		Orange	2	86
	Green	3	15		Green	3	87
	Brown	4	16		Brown	4	88
	Slate	5	17		Slate	5	89
	White	6	18		White	6	90
	Red	7	19		Red	7	91
	Black	8	20		Black	8	92
	Yellow	9	21		Yellow	9	93
	Violet	10	22		Violet	10	94
	Rose	11	23		Rose	11	95
	Aqua	12	24		Aqua	12	96
GREEN	Blue	1	25	YELLOW	Blue	1	97
	Orange	2	26		Orange	2	98
	Green	3	27		Green	3	99
	Brown	4	28		Brown	4	100
	Slate	5	29		Slate	5	101
	White	6	30		White	6	102
	Red	7	31		Red	7	103
	Black	8	32		Black	8	104
	Yellow	9	33		Yellow	9	105
	Violet	10	34		Violet	10	106
	Rose	11	35		Rose	11	107
	Aqua	12	36		Aqua	12	108
BROWN	Blue	1	37	VIOLET	Blue	1	109
	Orange	2	38		Orange	2	110
	Green	3	39		Green	3	111
	Brown	4	40		Brown	4	112
	Slate	5	41		Slate	5	113
	White	6	42		White	6	114
	Red	7	43		Red	7	115
	Black	8	44		Black	8	116
	Yellow	9	45		Yellow	9	117
	Violet	10	46		Violet	10	118
	Rose	11	47		Rose	11	119
	Aqua	12	48		Aqua	12	120
SLATE	Blue	1	49	ROSE	Blue	1	121
	Orange	2	50		Orange	2	122
	Green	3	51		Green	3	123
	Brown	4	52		Brown	4	124
	Slate	5	53		Slate	5	125
	White	6	54		White	6	126
	Red	7	55		Red	7	127
	Black	8	56		Black	8	128
	Yellow	9	57		Yellow	9	129
	Violet	10	58		Violet	10	130
	Rose	11	59		Rose	11	131
	Aqua	12	60		Aqua	12	132
WHITE	Blue	1	61	AQUA	Blue	1	133
	Orange	2	62		Orange	2	134
	Green	3	63		Green	3	135
	Brown	4	64		Brown	4	136
	Slate	5	65		Slate	5	137
	White	6	66		White	6	138
	Red	7	67		Red	7	139
	Black	8	68		Black	8	140
	Yellow	9	69		Yellow	9	141
	Violet	10	70		Violet	10	142
	Rose	11	71		Rose	11	143
	Aqua	12	72		Aqua	12	144

TCF-ED-013 (WB)

SPL-03

	USER NAME = zvoianjj	DESIGNED - JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRUNK CABLE FIBER ASSIGNMENTS CAB-ED-013C (WB)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - DAD	REVISED -			94	2016-068I	COOK/LAKE	388	264
	PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -			CONTRACT NO. 62079		ILLINOIS FED. AID PROJECT		

NTS SHEET 3 OF 70 SHEETS STA. TO STA.

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TRUNK CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-017E		
TRUNK CABLE DESIGNATION				DESTINATION	CAB-ED-013C [PPF-ED-013E]		
BUFFER TUBE	FIBER	FIBER NO.	TCF-ED-017 ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1		RED	Blue	1	73
	Orange	2			Orange	2	74
	Green	3			Green	3	75
	Brown	4			Brown	4	76
	Slate	5			Slate	5	77
	White	6			White	6	78
	Red	7			Red	7	79
	Black	8			Black	8	80
	Yellow	9			Yellow	9	81
	Violet	10			Violet	10	82
	Rose	11			Rose	11	83
	Aqua	12			Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

TCF-ED-017 (EB)

SPL-04

	USER NAME = zvoianjj	DESIGNED - JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRUNK CABLE FIBER ASSIGNMENTS CMV-ED-017E	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - DAD	REVISED -			94	2016-068I	COOK/LAKE	388	265
	PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -			CONTRACT NO. 62079		ILLINOIS FED. AID PROJECT		
SCALE: NTS					SHEET 4 OF 70 SHEETS STA.		TO STA.			

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DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	RK-RVLC-E [PPF-ED-000A]		
DISTRIBUTION CABLE DESIGNATION				DESTINATION	HHF-ED-000E		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue 1	1	C9500 ETHERNET SWITCH (1G SFP, PORT 1)	RED	Blue 1	73	
	Orange 2	2	C9500 ETHERNET SWITCH (1G SFP, PORT 1)		Orange 2	74	
	Green 3	3	C9500 ETHERNET SWITCH (1G SFP, PORT 3)		Green 3	75	
	Brown 4	4	C9500 ETHERNET SWITCH (1G SFP, PORT 3)		Brown 4	76	
	Slate 5	5	C9500 ETHERNET SWITCH (1G SFP, PORT 5)		Slate 5	77	
	White 6	6	C9500 ETHERNET SWITCH (1G SFP, PORT 5)		White 6	78	
	Red 7	7	C9500 ETHERNET SWITCH (1G SFP, PORT 7)		Red 7	79	
	Black 8	8	C9500 ETHERNET SWITCH (1G SFP, PORT 7)		Black 8	80	
	Yellow 9	9	C9500 ETHERNET SWITCH (1G SFP, PORT 9)		Yellow 9	81	
	Violet 10	10	C9500 ETHERNET SWITCH (1G SFP, PORT 9)		Violet 10	82	
	Rose 11	11	C9500 ETHERNET SWITCH (1G SFP, PORT 11)		Rose 11	83	
	Aqua 12	12	C9500 ETHERNET SWITCH (1G SFP, PORT 11)		Aqua 12	84	
ORANGE	Blue 1	13	C9500 ETHERNET SWITCH (1G SFP, PORT 13)	BLACK	Blue 1	85	
	Orange 2	14	C9500 ETHERNET SWITCH (1G SFP, PORT 13)		Orange 2	86	
	Green 3	15	C9500 ETHERNET SWITCH (1G SFP, PORT 15)		Green 3	87	
	Brown 4	16	C9500 ETHERNET SWITCH (1G SFP, PORT 15)		Brown 4	88	
	Slate 5	17			Slate 5	89	
	White 6	18			White 6	90	
	Red 7	19			Red 7	91	
	Black 8	20			Black 8	92	
	Yellow 9	21			Yellow 9	93	
	Violet 10	22			Violet 10	94	
	Rose 11	23			Rose 11	95	
	Aqua 12	24			Aqua 12	96	
GREEN	Blue 1	25		YELLOW	Blue 1	97	
	Orange 2	26			Orange 2	98	
	Green 3	27			Green 3	99	
	Brown 4	28			Brown 4	100	
	Slate 5	29			Slate 5	101	
	White 6	30			White 6	102	
	Red 7	31			Red 7	103	
	Black 8	32			Black 8	104	
	Yellow 9	33			Yellow 9	105	
	Violet 10	34			Violet 10	106	
	Rose 11	35			Rose 11	107	
	Aqua 12	36			Aqua 12	108	
BROWN	Blue 1	37		VIOLET	Blue 1	109	
	Orange 2	38			Orange 2	110	
	Green 3	39			Green 3	111	
	Brown 4	40			Brown 4	112	
	Slate 5	41			Slate 5	113	
	White 6	42			White 6	114	
	Red 7	43			Red 7	115	
	Black 8	44			Black 8	116	
	Yellow 9	45			Yellow 9	117	
	Violet 10	46			Violet 10	118	
	Rose 11	47			Rose 11	119	
	Aqua 12	48			Aqua 12	120	
SLATE	Blue 1	49		ROSE	Blue 1	121	
	Orange 2	50			Orange 2	122	
	Green 3	51			Green 3	123	
	Brown 4	52			Brown 4	124	
	Slate 5	53			Slate 5	125	
	White 6	54			White 6	126	
	Red 7	55			Red 7	127	
	Black 8	56			Black 8	128	
	Yellow 9	57			Yellow 9	129	
	Violet 10	58			Violet 10	130	
	Rose 11	59			Rose 11	131	
	Aqua 12	60			Aqua 12	132	
WHITE	Blue 1	61		AQUA	Blue 1	133	
	Orange 2	62			Orange 2	134	
	Green 3	63			Green 3	135	
	Brown 4	64			Brown 4	136	
	Slate 5	65			Slate 5	137	
	White 6	66			White 6	138	
	Red 7	67			Red 7	139	
	Black 8	68			Black 8	140	
	Yellow 9	69			Yellow 9	141	
	Violet 10	70			Violet 10	142	
	Rose 11	71			Rose 11	143	
	Aqua 12	72			Aqua 12	144	

DCF-ED-000 (WB)

SPL-05



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
PLOT SCALE =	DRAWN - NG	REVISED -
PLOT DATE = 2/27/2020	CHECKED - DAD	REVISED -
	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
RK-RVLC-E

SCALE: NTS SHEET 5 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	266
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	HHF-ED-000E		
DISTRIBUTION CABLE DESIGNATION				DESTINATION	RK-RVLC-E [PPF-ED-000A]		
BUFFER TUBE	FIBER	FIBER NO.	DCF-ED-000 ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue 1	1	LCF-ED-000a, FIBER 1	RED	Blue 1	73	
	Orange 2	2	LCF-ED-000a, FIBER 2		Orange 2	74	
	Green 3	3			Green 3	75	
	Brown 4	4			Brown 4	76	
	Slate 5	5			Slate 5	77	
	White 6	6			White 6	78	
	Red 7	7	LCF-ED-000a, FIBER 5		Red 7	79	
	Black 8	8	LCF-ED-000a, FIBER 6		Black 8	80	
	Yellow 9	9			Yellow 9	81	
	Violet 10	10			Violet 10	82	
	Rose 11	11			Rose 11	83	
	Aqua 12	12			Aqua 12	84	
ORANGE	Blue 1	13		BLACK	Blue 1	85	
	Orange 2	14			Orange 2	86	
	Green 3	15			Green 3	87	
	Brown 4	16			Brown 4	88	
	Slate 5	17			Slate 5	89	
	White 6	18			White 6	90	
	Red 7	19			Red 7	91	
	Black 8	20			Black 8	92	
	Yellow 9	21			Yellow 9	93	
	Violet 10	22			Violet 10	94	
	Rose 11	23			Rose 11	95	
	Aqua 12	24			Aqua 12	96	
GREEN	Blue 1	25		YELLOW	Blue 1	97	
	Orange 2	26			Orange 2	98	
	Green 3	27			Green 3	99	
	Brown 4	28			Brown 4	100	
	Slate 5	29			Slate 5	101	
	White 6	30			White 6	102	
	Red 7	31			Red 7	103	
	Black 8	32			Black 8	104	
	Yellow 9	33			Yellow 9	105	
	Violet 10	34			Violet 10	106	
	Rose 11	35			Rose 11	107	
	Aqua 12	36			Aqua 12	108	
BROWN	Blue 1	37		VIOLET	Blue 1	109	
	Orange 2	38			Orange 2	110	
	Green 3	39			Green 3	111	
	Brown 4	40			Brown 4	112	
	Slate 5	41			Slate 5	113	
	White 6	42			White 6	114	
	Red 7	43			Red 7	115	
	Black 8	44			Black 8	116	
	Yellow 9	45			Yellow 9	117	
	Violet 10	46			Violet 10	118	
	Rose 11	47			Rose 11	119	
	Aqua 12	48			Aqua 12	120	
SLATE	Blue 1	49		ROSE	Blue 1	121	
	Orange 2	50			Orange 2	122	
	Green 3	51			Green 3	123	
	Brown 4	52			Brown 4	124	
	Slate 5	53			Slate 5	125	
	White 6	54			White 6	126	
	Red 7	55			Red 7	127	
	Black 8	56			Black 8	128	
	Yellow 9	57			Yellow 9	129	
	Violet 10	58			Violet 10	130	
	Rose 11	59			Rose 11	131	
	Aqua 12	60			Aqua 12	132	
WHITE	Blue 1	61		AQUA	Blue 1	133	
	Orange 2	62			Orange 2	134	
	Green 3	63			Green 3	135	
	Brown 4	64			Brown 4	136	
	Slate 5	65			Slate 5	137	
	White 6	66			White 6	138	
	Red 7	67			Red 7	139	
	Black 8	68			Black 8	140	
	Yellow 9	69			Yellow 9	141	
	Violet 10	70			Violet 10	142	
	Rose 11	71			Rose 11	143	
	Aqua 12	72			Aqua 12	144	

DCF-ED-000 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	HHF-ED-000E		
DISTRIBUTION CABLE DESIGNATION				DESTINATION	CMV-ED-000A		
BUFFER TUBE	FIBER	FIBER NO.	DCF-ED-000 ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue 1	1	LCF-ED-000a, FIBER 3	RED	Blue 1	73	
	Orange 2	2	LCF-ED-000a, FIBER 4		Orange 2	74	
	Green 3	3			Green 3	75	
	Brown 4	4			Brown 4	76	
	Slate 5	5			Slate 5	77	
	White 6	6			White 6	78	
	Red 7	7	LCF-ED-000a, FIBER 7		Red 7	79	
	Black 8	8	LCF-ED-000a, FIBER 8		Black 8	80	
	Yellow 9	9			Yellow 9	81	
	Violet 10	10			Violet 10	82	
	Rose 11	11			Rose 11	83	
	Aqua 12	12			Aqua 12	84	
ORANGE	Blue 1	13		BLACK	Blue 1	85	
	Orange 2	14			Orange 2	86	
	Green 3	15			Green 3	87	
	Brown 4	16			Brown 4	88	
	Slate 5	17			Slate 5	89	
	White 6	18			White 6	90	
	Red 7	19			Red 7	91	
	Black 8	20			Black 8	92	
	Yellow 9	21			Yellow 9	93	
	Violet 10	22			Violet 10	94	
	Rose 11	23			Rose 11	95	
	Aqua 12	24			Aqua 12	96	
GREEN	Blue 1	25		YELLOW	Blue 1	97	
	Orange 2	26			Orange 2	98	
	Green 3	27			Green 3	99	
	Brown 4	28			Brown 4	100	
	Slate 5	29			Slate 5	101	
	White 6	30			White 6	102	
	Red 7	31			Red 7	103	
	Black 8	32			Black 8	104	
	Yellow 9	33			Yellow 9	105	
	Violet 10	34			Violet 10	106	
	Rose 11	35			Rose 11	107	
	Aqua 12	36			Aqua 12	108	
BROWN	Blue 1	37		VIOLET	Blue 1	109	
	Orange 2	38			Orange 2	110	
	Green 3	39			Green 3	111	
	Brown 4	40			Brown 4	112	
	Slate 5	41			Slate 5	113	
	White 6	42			White 6	114	
	Red 7	43			Red 7	115	
	Black 8	44			Black 8	116	
	Yellow 9	45			Yellow 9	117	
	Violet 10	46			Violet 10	118	
	Rose 11	47			Rose 11	119	
	Aqua 12	48			Aqua 12	120	
SLATE	Blue 1	49		ROSE	Blue 1	121	
	Orange 2	50			Orange 2	122	
	Green 3	51			Green 3	123	
	Brown 4	52			Brown 4	124	
	Slate 5	53			Slate 5	125	
	White 6	54			White 6	126	
	Red 7	55			Red 7	127	
	Black 8	56			Black 8	128	
	Yellow 9	57			Yellow 9	129	
	Violet 10	58			Violet 10	130	
	Rose 11	59			Rose 11	131	
	Aqua 12	60			Aqua 12	132	
WHITE	Blue 1	61		AQUA	Blue 1	133	
	Orange 2	62			Orange 2	134	
	Green 3	63			Green 3	135	
	Brown 4	64			Brown 4	136	
	Slate 5	65			Slate 5	137	
	White 6	66			White 6	138	
	Red 7	67			Red 7	139	
	Black 8	68			Black 8	140	
	Yellow 9	69			Yellow 9	141	
	Violet 10	70			Violet 10	142	
	Rose 11	71			Rose 11	143	
	Aqua 12	72			Aqua 12	144	

DCF-ED-000 (WB)

SPL-06

c:\us\asb\app\666CS_jacobs.com\NA\Documents\C9286800_1-94_US_41\C9286800_780-000\7137r\62079 (Fiber)\V86-DI\Fiber\TIS-Distribution_HHF-ED-000E.dgn



USER NAME = zvoianjj	DESIGNED - JJZ	REVISED -
PLOT SCALE =	DRAWN - NG	REVISED -
PLOT DATE = 2/27/2020	CHECKED - DAD	REVISED -
	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRIBUTION CABLE FIBER ASSIGNMENTS HHF-ED-000E		
SCALE: NTS	SHEET 6 OF 70 SHEETS STA.	TO STA.

F.A.I. RTE. 94	SECTION 2016-068I	COUNTY COOK/LAKE	TOTAL SHEETS 388	SHEET NO. 267
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

c:\u\1\5\ASB-APP\066CS_jacobson\NA\Documents\C920600_1-94_U.S.-41\C920600\700-sadd\713-tr-n\62079 - (Fiber)\K07_DP\F19127613-sheet11S-Distribution_CMV-ED-000a.dgn

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-000A		
DISTRIBUTION CABLE DESIGNATION	DCF-ED-000	ASSIGNMENT		DESTINATION	HHF-ED-000E		
BUFFER TUBE	FIBER	FIBER NO.		BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue 1	1		RED	Blue 1	73	
	Orange 2	2			Orange 2	74	
	Green 3	3	LCF-ED-000b, FIBER 1		Green 3	75	
	Brown 4	4	LCF-ED-000b, FIBER 2		Brown 4	76	
	Slate 5	5			Slate 5	77	
	White 6	6			White 6	78	
	Red 7	7			Red 7	79	
	Black 8	8			Black 8	80	
	Yellow 9	9	LCF-ED-000b, FIBER 5		Yellow 9	81	
	Violet 10	10	LCF-ED-000b, FIBER 6		Violet 10	82	
	Rose 11	11			Rose 11	83	
	Aqua 12	12			Aqua 12	84	
ORANGE	Blue 1	13		BLACK	Blue 1	85	
	Orange 2	14			Orange 2	86	
	Green 3	15			Green 3	87	
	Brown 4	16			Brown 4	88	
	Slate 5	17			Slate 5	89	
	White 6	18			White 6	90	
	Red 7	19			Red 7	91	
	Black 8	20			Black 8	92	
	Yellow 9	21			Yellow 9	93	
	Violet 10	22			Violet 10	94	
	Rose 11	23			Rose 11	95	
	Aqua 12	24			Aqua 12	96	
GREEN	Blue 1	25		YELLOW	Blue 1	97	
	Orange 2	26			Orange 2	98	
	Green 3	27			Green 3	99	
	Brown 4	28			Brown 4	100	
	Slate 5	29			Slate 5	101	
	White 6	30			White 6	102	
	Red 7	31			Red 7	103	
	Black 8	32			Black 8	104	
	Yellow 9	33			Yellow 9	105	
	Violet 10	34			Violet 10	106	
	Rose 11	35			Rose 11	107	
	Aqua 12	36			Aqua 12	108	
BROWN	Blue 1	37		VIOLET	Blue 1	109	
	Orange 2	38			Orange 2	110	
	Green 3	39			Green 3	111	
	Brown 4	40			Brown 4	112	
	Slate 5	41			Slate 5	113	
	White 6	42			White 6	114	
	Red 7	43			Red 7	115	
	Black 8	44			Black 8	116	
	Yellow 9	45			Yellow 9	117	
	Violet 10	46			Violet 10	118	
	Rose 11	47			Rose 11	119	
	Aqua 12	48			Aqua 12	120	
SLATE	Blue 1	49		ROSE	Blue 1	121	
	Orange 2	50			Orange 2	122	
	Green 3	51			Green 3	123	
	Brown 4	52			Brown 4	124	
	Slate 5	53			Slate 5	125	
	White 6	54			White 6	126	
	Red 7	55			Red 7	127	
	Black 8	56			Black 8	128	
	Yellow 9	57			Yellow 9	129	
	Violet 10	58			Violet 10	130	
	Rose 11	59			Rose 11	131	
	Aqua 12	60			Aqua 12	132	
WHITE	Blue 1	61		AQUA	Blue 1	133	
	Orange 2	62			Orange 2	134	
	Green 3	63			Green 3	135	
	Brown 4	64			Brown 4	136	
	Slate 5	65			Slate 5	137	
	White 6	66			White 6	138	
	Red 7	67			Red 7	139	
	Black 8	68			Black 8	140	
	Yellow 9	69			Yellow 9	141	
	Violet 10	70			Violet 10	142	
	Rose 11	71			Rose 11	143	
	Aqua 12	72			Aqua 12	144	

DCF-ED-000 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-000A		
DISTRIBUTION CABLE DESIGNATION	DCF-ED-000	ASSIGNMENT		DESTINATION	CMV-ED-000B		
BUFFER TUBE	FIBER	FIBER NO.		BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue 1	1		RED	Blue 1	73	
	Orange 2	2			Orange 2	74	
	Green 3	3	LCF-ED-000b, FIBER 3		Green 3	75	
	Brown 4	4	LCF-ED-000b, FIBER 4		Brown 4	76	
	Slate 5	5			Slate 5	77	
	White 6	6			White 6	78	
	Red 7	7			Red 7	79	
	Black 8	8			Black 8	80	
	Yellow 9	9	LCF-ED-000b, FIBER 7		Yellow 9	81	
	Violet 10	10	LCF-ED-000b, FIBER 8		Violet 10	82	
	Rose 11	11			Rose 11	83	
	Aqua 12	12			Aqua 12	84	
ORANGE	Blue 1	13		BLACK	Blue 1	85	
	Orange 2	14			Orange 2	86	
	Green 3	15			Green 3	87	
	Brown 4	16			Brown 4	88	
	Slate 5	17			Slate 5	89	
	White 6	18			White 6	90	
	Red 7	19			Red 7	91	
	Black 8	20			Black 8	92	
	Yellow 9	21			Yellow 9	93	
	Violet 10	22			Violet 10	94	
	Rose 11	23			Rose 11	95	
	Aqua 12	24			Aqua 12	96	
GREEN	Blue 1	25		YELLOW	Blue 1	97	
	Orange 2	26			Orange 2	98	
	Green 3	27			Green 3	99	
	Brown 4	28			Brown 4	100	
	Slate 5	29			Slate 5	101	
	White 6	30			White 6	102	
	Red 7	31			Red 7	103	
	Black 8	32			Black 8	104	
	Yellow 9	33			Yellow 9	105	
	Violet 10	34			Violet 10	106	
	Rose 11	35			Rose 11	107	
	Aqua 12	36			Aqua 12	108	
BROWN	Blue 1	37		VIOLET	Blue 1	109	
	Orange 2	38			Orange 2	110	
	Green 3	39			Green 3	111	
	Brown 4	40			Brown 4	112	
	Slate 5	41			Slate 5	113	
	White 6	42			White 6	114	
	Red 7	43			Red 7	115	
	Black 8	44			Black 8	116	
	Yellow 9	45			Yellow 9	117	
	Violet 10	46			Violet 10	118	
	Rose 11	47			Rose 11	119	
	Aqua 12	48			Aqua 12	120	
SLATE	Blue 1	49		ROSE	Blue 1	121	
	Orange 2	50			Orange 2	122	
	Green 3	51			Green 3	123	
	Brown 4	52			Brown 4	124	
	Slate 5	53			Slate 5	125	
	White 6	54			White 6	126	
	Red 7	55			Red 7	127	
	Black 8	56			Black 8	128	
	Yellow 9	57			Yellow 9	129	
	Violet 10	58			Violet 10	130	
	Rose 11	59			Rose 11	131	
	Aqua 12	60			Aqua 12	132	
WHITE	Blue 1	61		AQUA	Blue 1	133	
	Orange 2	62			Orange 2	134	
	Green 3	63			Green 3	135	
	Brown 4	64			Brown 4	136	
	Slate 5	65			Slate 5	137	
	White 6	66			White 6	138	
	Red 7	67			Red 7	139	
	Black 8	68			Black 8	140	
	Yellow 9	69			Yellow 9	141	
	Violet 10	70			Violet 10	142	
	Rose 11	71			Rose 11	143	
	Aqua 12	72			Aqua 12	144	

DCF-ED-000 (WB)



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
PLOT SCALE =	DRAWN - NG	REVISED -
PLOT DATE = 2/27/2020	CHECKED - DAD	REVISED -
	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS		
CMV-ED-000A		
SCALE: NTS	SHEET 7 OF 70 SHEETS STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	268
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

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DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-001G	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-001	DESTINATION	CMV-ED-001E	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3	LCF-ED-001b, FIBER 5		Green	3 75
	Brown	4	LCF-ED-001b, FIBER 6		Brown	4 76
	Slate	5			Slate	5 77
	White	6			White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9	LCF-ED-001b, FIBER 1		Yellow	9 81
	Violet	10	LCF-ED-001b, FIBER 2		Violet	10 82
	Rose	11			Rose	11 83
	Aqua	12			Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-001 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-001G	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-001	DESTINATION	CMV-ED-001E	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3	LCF-ED-001b, FIBER 7		Green	3 75
	Brown	4	LCF-ED-001b, FIBER 8		Brown	4 76
	Slate	5			Slate	5 77
	White	6			White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9	LCF-ED-001b, FIBER 3		Yellow	9 81
	Violet	10	LCF-ED-001b, FIBER 4		Violet	10 82
	Rose	11			Rose	11 83
	Aqua	12			Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-001 (WB)

SPL-10



USER NAME = zvoianjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-001G

SCALE: NTS SHEET 10 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	271
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

p:\US\ASB-APP\666CS_jacobson\NAD\Documents\C9226600_1-94_U.S.-41\C9226600\700-000\713-tr-0-62079 - (Fiber) \KILL.DWG 137613-sheet1-TS-Distribution CMV-ED-001K.dgn

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-001K
DISTRIBUTION CABLE DESIGNATION			DCF-ED-001	DESTINATION	CMV-ED-001G
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT
BLUE	Blue	1		RED	Blue 1 73
	Orange	2			Orange 2 74
	Green	3			Green 3 75
	Brown	4			Brown 4 76
	Slate	5			Slate 5 77
	White	6			White 6 78
	Red	7			Red 7 79
	Black	8			Black 8 80
	Yellow	9			Yellow 9 81
	Violet	10			Violet 10 82
	Rose	11			Rose 11 83
	Aqua	12			Aqua 12 84
ORANGE	Blue	13	LCF-ED-001c, FIBER 1	BLACK	Blue 1 85
	Orange	14	LCF-ED-001c, FIBER 2		Orange 2 86
	Green	15			Green 3 87
	Brown	16			Brown 4 88
	Slate	17			Slate 5 89
	White	18			White 6 90
	Red	19			Red 7 91
	Black	20			Black 8 92
	Yellow	21			Yellow 9 93
	Violet	22			Violet 10 94
	Rose	23			Rose 11 95
	Aqua	24			Aqua 12 96
GREEN	Blue	25		YELLOW	Blue 1 97
	Orange	26			Orange 2 98
	Green	27			Green 3 99
	Brown	28			Brown 4 100
	Slate	29			Slate 5 101
	White	30			White 6 102
	Red	31			Red 7 103
	Black	32			Black 8 104
	Yellow	33			Yellow 9 105
	Violet	34			Violet 10 106
	Rose	35			Rose 11 107
	Aqua	36			Aqua 12 108
BROWN	Blue	37		VIOLET	Blue 1 109
	Orange	38			Orange 2 110
	Green	39			Green 3 111
	Brown	40			Brown 4 112
	Slate	41			Slate 5 113
	White	42			White 6 114
	Red	43			Red 7 115
	Black	44			Black 8 116
	Yellow	45			Yellow 9 117
	Violet	46			Violet 10 118
	Rose	47			Rose 11 119
	Aqua	48			Aqua 12 120
SLATE	Blue	49		ROSE	Blue 1 121
	Orange	50			Orange 2 122
	Green	51			Green 3 123
	Brown	52			Brown 4 124
	Slate	53			Slate 5 125
	White	54			White 6 126
	Red	55			Red 7 127
	Black	56			Black 8 128
	Yellow	57			Yellow 9 129
	Violet	58			Violet 10 130
	Rose	59			Rose 11 131
	Aqua	60			Aqua 12 132
WHITE	Blue	61		AQUA	Blue 1 133
	Orange	62			Orange 2 134
	Green	63			Green 3 135
	Brown	64			Brown 4 136
	Slate	65			Slate 5 137
	White	66			White 6 138
	Red	67			Red 7 139
	Black	68			Black 8 140
	Yellow	69			Yellow 9 141
	Violet	70			Violet 10 142
	Rose	71			Rose 11 143
	Aqua	72			Aqua 12 144

DCF-ED-001 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-001K
DISTRIBUTION CABLE DESIGNATION			DCF-ED-001	DESTINATION	CMV-ED-001G
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT
BLUE	Blue	1		RED	Blue 1 73
	Orange	2			Orange 2 74
	Green	3			Green 3 75
	Brown	4			Brown 4 76
	Slate	5			Slate 5 77
	White	6			White 6 78
	Red	7			Red 7 79
	Black	8			Black 8 80
	Yellow	9			Yellow 9 81
	Violet	10			Violet 10 82
	Rose	11			Rose 11 83
	Aqua	12			Aqua 12 84
ORANGE	Blue	13	LCF-ED-001c, FIBER 3	BLACK	Blue 1 85
	Orange	14	LCF-ED-001c, FIBER 4		Orange 2 86
	Green	15			Green 3 87
	Brown	16			Brown 4 88
	Slate	17			Slate 5 89
	White	18			White 6 90
	Red	19			Red 7 91
	Black	20			Black 8 92
	Yellow	21			Yellow 9 93
	Violet	22			Violet 10 94
	Rose	23			Rose 11 95
	Aqua	24			Aqua 12 96
GREEN	Blue	25		YELLOW	Blue 1 97
	Orange	26			Orange 2 98
	Green	27			Green 3 99
	Brown	28			Brown 4 100
	Slate	29			Slate 5 101
	White	30			White 6 102
	Red	31			Red 7 103
	Black	32			Black 8 104
	Yellow	33			Yellow 9 105
	Violet	34			Violet 10 106
	Rose	35			Rose 11 107
	Aqua	36			Aqua 12 108
BROWN	Blue	37		VIOLET	Blue 1 109
	Orange	38			Orange 2 110
	Green	39			Green 3 111
	Brown	40			Brown 4 112
	Slate	41			Slate 5 113
	White	42			White 6 114
	Red	43			Red 7 115
	Black	44			Black 8 116
	Yellow	45			Yellow 9 117
	Violet	46			Violet 10 118
	Rose	47			Rose 11 119
	Aqua	48			Aqua 12 120
SLATE	Blue	49		ROSE	Blue 1 121
	Orange	50			Orange 2 122
	Green	51			Green 3 123
	Brown	52			Brown 4 124
	Slate	53			Slate 5 125
	White	54			White 6 126
	Red	55			Red 7 127
	Black	56			Black 8 128
	Yellow	57			Yellow 9 129
	Violet	58			Violet 10 130
	Rose	59			Rose 11 131
	Aqua	60			Aqua 12 132
WHITE	Blue	61		AQUA	Blue 1 133
	Orange	62			Orange 2 134
	Green	63			Green 3 135
	Brown	64			Brown 4 136
	Slate	65			Slate 5 137
	White	66			White 6 138
	Red	67			Red 7 139
	Black	68			Black 8 140
	Yellow	69			Yellow 9 141
	Violet	70			Violet 10 142
	Rose	71			Rose 11 143
	Aqua	72			Aqua 12 144

DCF-ED-001 (WB)

SPL-11



USER NAME = zvoianj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-001K

SCALE: NTS SHEET 11 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-0681	COOK/LAKE	388	272
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

p:\US\ASB-APP\66CS_jacobson\NA\Documents\C9226600_1-94_U.S.-41\C9226600\700-cadd\713-tr-0-62079 (Fiber)\K12.DIP\9137613-sheet11S-Distribution CMV-ED-001N.dgn

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-001N	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-001	DESTINATION	CMV-ED-001K	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3			Green	3 75
	Brown	4			Brown	4 76
	Slate	5	LCF-ED-001d, FIBER 5		Slate	5 77
	White	6	LCF-ED-001d, FIBER 6		White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9			Yellow	9 81
	Violet	10			Violet	10 82
	Rose	11	LCF-ED-001d, FIBER 1		Rose	11 83
	Aqua	12	LCF-ED-001d, FIBER 2		Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-001 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-001N	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-001	DESTINATION	CMV-ED-002A	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3			Green	3 75
	Brown	4			Brown	4 76
	Slate	5	LCF-ED-001d, FIBER 7		Slate	5 77
	White	6	LCF-ED-001d, FIBER 8		White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9			Yellow	9 81
	Violet	10			Violet	10 82
	Rose	11	LCF-ED-001d, FIBER 3		Rose	11 83
	Aqua	12	LCF-ED-001d, FIBER 4		Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-001 (WB)

SPL-12



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-001N**

SCALE: NTS SHEET 12 OF 70 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	273
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

p:\u\1\ASB-APP\66CS_66cbr.com\NA\Documents\C9226600_1-94_U.S.-41\C9226600\700-000\7137613-062079 (Fiber)\K13.DIP\9137613-sheet1-TIS-Distribution CMV-ED-002A.dgn

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-002A		
DISTRIBUTION CABLE DESIGNATION				DESTINATION	CMV-ED-001N		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1	LCF-ED-002a, FIBER 1	RED	Blue	1	73
	Orange	2	LCF-ED-002a, FIBER 2		Orange	2	74
	Green	3			Green	3	75
	Brown	4			Brown	4	76
	Slate	5			Slate	5	77
	White	6			White	6	78
	Red	7	LCF-ED-002a, FIBER 5		Red	7	79
	Black	8	LCF-ED-002a, FIBER 6		Black	8	80
	Yellow	9			Yellow	9	81
	Violet	10			Violet	10	82
	Rose	11			Rose	11	83
	Aqua	12			Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-001 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-002A		
DISTRIBUTION CABLE DESIGNATION				DESTINATION	CMV-ED-002G		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1	LCF-ED-002a, FIBER 3	RED	Blue	1	73
	Orange	2	LCF-ED-002a, FIBER 4		Orange	2	74
	Green	3			Green	3	75
	Brown	4			Brown	4	76
	Slate	5			Slate	5	77
	White	6			White	6	78
	Red	7	LCF-ED-002a, FIBER 7		Red	7	79
	Black	8	LCF-ED-002a, FIBER 8		Black	8	80
	Yellow	9			Yellow	9	81
	Violet	10			Violet	10	82
	Rose	11			Rose	11	83
	Aqua	12			Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-002 (WB)

SPL-13



USER NAME = zvoianjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-002A

SCALE: NTS SHEET 13 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	274
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

p:\US\ASB-APP\666CS_jacobson\NAD\Documents\C9226600_1-94_U.S.-41\C9226600\700-000\713-tr-0-62079 - (Fiber)K14_DP19137613-sheet1-TIS-Distribution_CMV-ED-002G.dgn

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-002G	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-002	DESTINATION	CMV-ED-002A	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3	LCF-ED-002b, FIBER 1		Green	3 75
	Brown	4	LCF-ED-002b, FIBER 2		Brown	4 76
	Slate	5			Slate	5 77
	White	6			White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9	LCF-ED-002b, FIBER 5		Yellow	9 81
	Violet	10	LCF-ED-002b, FIBER 6		Violet	10 82
	Rose	11			Rose	11 83
	Aqua	12			Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-002 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-002G	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-002	DESTINATION	CMV-ED-002J	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3	LCF-ED-002b, FIBER 3		Green	3 75
	Brown	4	LCF-ED-002b, FIBER 4		Brown	4 76
	Slate	5			Slate	5 77
	White	6			White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9	LCF-ED-002b, FIBER 7		Yellow	9 81
	Violet	10	LCF-ED-002b, FIBER 8		Violet	10 82
	Rose	11			Rose	11 83
	Aqua	12			Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-002 (WB)



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-002G

SCALE: NTS SHEET 14 OF 70 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	275
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

p:\US\ASB-APP\66CS_jacobson\NAD\Documents\C9226600_1-94_U.S.-41\C9226600\700-000\713-tr-0-62079 - (Fiber)\K15.DWG\K15-Distribution CMV-ED-002.dgn

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-002J	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-002	DESTINATION	CMV-ED-002G	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3			Green	3 75
	Brown	4			Brown	4 76
	Slate	5	LCF-ED-002c, FIBER 1		Slate	5 77
	White	6	LCF-ED-002c, FIBER 2		White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9			Yellow	9 81
	Violet	10			Violet	10 82
	Rose	11	LCF-ED-002c, FIBER 5		Rose	11 83
	Aqua	12	LCF-ED-002c, FIBER 6		Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-002 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-002J	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-002	DESTINATION	CMV-ED-003C	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3			Green	3 75
	Brown	4			Brown	4 76
	Slate	5	LCF-ED-002c, FIBER 3		Slate	5 77
	White	6	LCF-ED-002c, FIBER 4		White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9			Yellow	9 81
	Violet	10			Violet	10 82
	Rose	11	LCF-ED-002c, FIBER 7		Rose	11 83
	Aqua	12	LCF-ED-002c, FIBER 8		Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-002 (WB)

SPL-15



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-002J

SCALE: NTS SHEET 15 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	276
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

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DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-003C		
DISTRIBUTION CABLE DESIGNATION				DESTINATION	CMV-ED-002J		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue 1	1	LCF-ED-003a, FIBER 5	RED	Blue 1	73	
	Orange 2	2	LCF-ED-003a, FIBER 6		Orange 2	74	
	Green 3	3			Green 3	75	
	Brown 4	4			Brown 4	76	
	Slate 5	5			Slate 5	77	
	White 6	6			White 6	78	
	Red 7	7	LCF-ED-003a, FIBER 1		Red 7	79	
	Black 8	8	LCF-ED-003a, FIBER 2		Black 8	80	
	Yellow 9	9			Yellow 9	81	
	Violet 10	10			Violet 10	82	
	Rose 11	11			Rose 11	83	
	Aqua 12	12			Aqua 12	84	
ORANGE	Blue 1	13		BLACK	Blue 1	85	
	Orange 2	14			Orange 2	86	
	Green 3	15			Green 3	87	
	Brown 4	16			Brown 4	88	
	Slate 5	17			Slate 5	89	
	White 6	18			White 6	90	
	Red 7	19			Red 7	91	
	Black 8	20			Black 8	92	
	Yellow 9	21			Yellow 9	93	
	Violet 10	22			Violet 10	94	
	Rose 11	23			Rose 11	95	
	Aqua 12	24			Aqua 12	96	
GREEN	Blue 1	25		YELLOW	Blue 1	97	
	Orange 2	26			Orange 2	98	
	Green 3	27			Green 3	99	
	Brown 4	28			Brown 4	100	
	Slate 5	29			Slate 5	101	
	White 6	30			White 6	102	
	Red 7	31			Red 7	103	
	Black 8	32			Black 8	104	
	Yellow 9	33			Yellow 9	105	
	Violet 10	34			Violet 10	106	
	Rose 11	35			Rose 11	107	
	Aqua 12	36			Aqua 12	108	
BROWN	Blue 1	37		VIOLET	Blue 1	109	
	Orange 2	38			Orange 2	110	
	Green 3	39			Green 3	111	
	Brown 4	40			Brown 4	112	
	Slate 5	41			Slate 5	113	
	White 6	42			White 6	114	
	Red 7	43			Red 7	115	
	Black 8	44			Black 8	116	
	Yellow 9	45			Yellow 9	117	
	Violet 10	46			Violet 10	118	
	Rose 11	47			Rose 11	119	
	Aqua 12	48			Aqua 12	120	
SLATE	Blue 1	49		ROSE	Blue 1	121	
	Orange 2	50			Orange 2	122	
	Green 3	51			Green 3	123	
	Brown 4	52			Brown 4	124	
	Slate 5	53			Slate 5	125	
	White 6	54			White 6	126	
	Red 7	55			Red 7	127	
	Black 8	56			Black 8	128	
	Yellow 9	57			Yellow 9	129	
	Violet 10	58			Violet 10	130	
	Rose 11	59			Rose 11	131	
	Aqua 12	60			Aqua 12	132	
WHITE	Blue 1	61		AQUA	Blue 1	133	
	Orange 2	62			Orange 2	134	
	Green 3	63			Green 3	135	
	Brown 4	64			Brown 4	136	
	Slate 5	65			Slate 5	137	
	White 6	66			White 6	138	
	Red 7	67			Red 7	139	
	Black 8	68			Black 8	140	
	Yellow 9	69			Yellow 9	141	
	Violet 10	70			Violet 10	142	
	Rose 11	71			Rose 11	143	
	Aqua 12	72			Aqua 12	144	

DCF-ED-003 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-003C		
DISTRIBUTION CABLE DESIGNATION				DESTINATION	CMV-ED-003H		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue 1	1	LCF-ED-003a, FIBER 7	RED	Blue 1	73	
	Orange 2	2	LCF-ED-003a, FIBER 8		Orange 2	74	
	Green 3	3			Green 3	75	
	Brown 4	4			Brown 4	76	
	Slate 5	5			Slate 5	77	
	White 6	6			White 6	78	
	Red 7	7	LCF-ED-003a, FIBER 3		Red 7	79	
	Black 8	8	LCF-ED-003a, FIBER 4		Black 8	80	
	Yellow 9	9			Yellow 9	81	
	Violet 10	10			Violet 10	82	
	Rose 11	11			Rose 11	83	
	Aqua 12	12			Aqua 12	84	
ORANGE	Blue 1	13		BLACK	Blue 1	85	
	Orange 2	14			Orange 2	86	
	Green 3	15			Green 3	87	
	Brown 4	16			Brown 4	88	
	Slate 5	17			Slate 5	89	
	White 6	18			White 6	90	
	Red 7	19			Red 7	91	
	Black 8	20			Black 8	92	
	Yellow 9	21			Yellow 9	93	
	Violet 10	22			Violet 10	94	
	Rose 11	23			Rose 11	95	
	Aqua 12	24			Aqua 12	96	
GREEN	Blue 1	25		YELLOW	Blue 1	97	
	Orange 2	26			Orange 2	98	
	Green 3	27			Green 3	99	
	Brown 4	28			Brown 4	100	
	Slate 5	29			Slate 5	101	
	White 6	30			White 6	102	
	Red 7	31			Red 7	103	
	Black 8	32			Black 8	104	
	Yellow 9	33			Yellow 9	105	
	Violet 10	34			Violet 10	106	
	Rose 11	35			Rose 11	107	
	Aqua 12	36			Aqua 12	108	
BROWN	Blue 1	37		VIOLET	Blue 1	109	
	Orange 2	38			Orange 2	110	
	Green 3	39			Green 3	111	
	Brown 4	40			Brown 4	112	
	Slate 5	41			Slate 5	113	
	White 6	42			White 6	114	
	Red 7	43			Red 7	115	
	Black 8	44			Black 8	116	
	Yellow 9	45			Yellow 9	117	
	Violet 10	46			Violet 10	118	
	Rose 11	47			Rose 11	119	
	Aqua 12	48			Aqua 12	120	
SLATE	Blue 1	49		ROSE	Blue 1	121	
	Orange 2	50			Orange 2	122	
	Green 3	51			Green 3	123	
	Brown 4	52			Brown 4	124	
	Slate 5	53			Slate 5	125	
	White 6	54			White 6	126	
	Red 7	55			Red 7	127	
	Black 8	56			Black 8	128	
	Yellow 9	57			Yellow 9	129	
	Violet 10	58			Violet 10	130	
	Rose 11	59			Rose 11	131	
	Aqua 12	60			Aqua 12	132	
WHITE	Blue 1	61		AQUA	Blue 1	133	
	Orange 2	62			Orange 2	134	
	Green 3	63			Green 3	135	
	Brown 4	64			Brown 4	136	
	Slate 5	65			Slate 5	137	
	White 6	66			White 6	138	
	Red 7	67			Red 7	139	
	Black 8	68			Black 8	140	
	Yellow 9	69			Yellow 9	141	
	Violet 10	70			Violet 10	142	
	Rose 11	71			Rose 11	143	
	Aqua 12	72			Aqua 12	144	

DCF-ED-003 (WB)

SPL-16



USER NAME = zvoianj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-003C

SCALE: NTS SHEET 16 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	277
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

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DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-003H		
DISTRIBUTION CABLE DESIGNATION			DCF-ED-003	DESTINATION	CMV-ED-003C		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT		
BLUE	Blue 1	1		RED	Blue 1	73	
	Orange 2	2			Orange 2	74	
	Green 3	3	LCF-ED-003b, FIBER 5		Green 3	75	
	Brown 4	4	LCF-ED-003b, FIBER 6		Brown 4	76	
	Slate 5	5			Slate 5	77	
	White 6	6			White 6	78	
	Red 7	7			Red 7	79	
	Black 8	8			Black 8	80	
	Yellow 9	9	LCF-ED-003b, FIBER 1		Yellow 9	81	
	Violet 10	10	LCF-ED-003b, FIBER 2		Violet 10	82	
	Rose 11	11			Rose 11	83	
	Aqua 12	12			Aqua 12	84	
ORANGE	Blue 1	13		BLACK	Blue 1	85	
	Orange 2	14			Orange 2	86	
	Green 3	15			Green 3	87	
	Brown 4	16			Brown 4	88	
	Slate 5	17			Slate 5	89	
	White 6	18			White 6	90	
	Red 7	19			Red 7	91	
	Black 8	20			Black 8	92	
	Yellow 9	21			Yellow 9	93	
	Violet 10	22			Violet 10	94	
	Rose 11	23			Rose 11	95	
	Aqua 12	24			Aqua 12	96	
GREEN	Blue 1	25		YELLOW	Blue 1	97	
	Orange 2	26			Orange 2	98	
	Green 3	27			Green 3	99	
	Brown 4	28			Brown 4	100	
	Slate 5	29			Slate 5	101	
	White 6	30			White 6	102	
	Red 7	31			Red 7	103	
	Black 8	32			Black 8	104	
	Yellow 9	33			Yellow 9	105	
	Violet 10	34			Violet 10	106	
	Rose 11	35			Rose 11	107	
	Aqua 12	36			Aqua 12	108	
BROWN	Blue 1	37		VIOLET	Blue 1	109	
	Orange 2	38			Orange 2	110	
	Green 3	39			Green 3	111	
	Brown 4	40			Brown 4	112	
	Slate 5	41			Slate 5	113	
	White 6	42			White 6	114	
	Red 7	43			Red 7	115	
	Black 8	44			Black 8	116	
	Yellow 9	45			Yellow 9	117	
	Violet 10	46			Violet 10	118	
	Rose 11	47			Rose 11	119	
	Aqua 12	48			Aqua 12	120	
SLATE	Blue 1	49		ROSE	Blue 1	121	
	Orange 2	50			Orange 2	122	
	Green 3	51			Green 3	123	
	Brown 4	52			Brown 4	124	
	Slate 5	53			Slate 5	125	
	White 6	54			White 6	126	
	Red 7	55			Red 7	127	
	Black 8	56			Black 8	128	
	Yellow 9	57			Yellow 9	129	
	Violet 10	58			Violet 10	130	
	Rose 11	59			Rose 11	131	
	Aqua 12	60			Aqua 12	132	
WHITE	Blue 1	61		AQUA	Blue 1	133	
	Orange 2	62			Orange 2	134	
	Green 3	63			Green 3	135	
	Brown 4	64			Brown 4	136	
	Slate 5	65			Slate 5	137	
	White 6	66			White 6	138	
	Red 7	67			Red 7	139	
	Black 8	68			Black 8	140	
	Yellow 9	69			Yellow 9	141	
	Violet 10	70			Violet 10	142	
	Rose 11	71			Rose 11	143	
	Aqua 12	72			Aqua 12	144	

DCF-ED-003 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-003H		
DISTRIBUTION CABLE DESIGNATION			DCF-ED-003	DESTINATION	CMV-ED-004C		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT		
BLUE	Blue 1	1		RED	Blue 1	73	
	Orange 2	2			Orange 2	74	
	Green 3	3	LCF-ED-003b, FIBER 7		Green 3	75	
	Brown 4	4	LCF-ED-003b, FIBER 8		Brown 4	76	
	Slate 5	5			Slate 5	77	
	White 6	6			White 6	78	
	Red 7	7			Red 7	79	
	Black 8	8			Black 8	80	
	Yellow 9	9	LCF-ED-003b, FIBER 3		Yellow 9	81	
	Violet 10	10	LCF-ED-003b, FIBER 4		Violet 10	82	
	Rose 11	11			Rose 11	83	
	Aqua 12	12			Aqua 12	84	
ORANGE	Blue 1	13		BLACK	Blue 1	85	
	Orange 2	14			Orange 2	86	
	Green 3	15			Green 3	87	
	Brown 4	16			Brown 4	88	
	Slate 5	17			Slate 5	89	
	White 6	18			White 6	90	
	Red 7	19			Red 7	91	
	Black 8	20			Black 8	92	
	Yellow 9	21			Yellow 9	93	
	Violet 10	22			Violet 10	94	
	Rose 11	23			Rose 11	95	
	Aqua 12	24			Aqua 12	96	
GREEN	Blue 1	25		YELLOW	Blue 1	97	
	Orange 2	26			Orange 2	98	
	Green 3	27			Green 3	99	
	Brown 4	28			Brown 4	100	
	Slate 5	29			Slate 5	101	
	White 6	30			White 6	102	
	Red 7	31			Red 7	103	
	Black 8	32			Black 8	104	
	Yellow 9	33			Yellow 9	105	
	Violet 10	34			Violet 10	106	
	Rose 11	35			Rose 11	107	
	Aqua 12	36			Aqua 12	108	
BROWN	Blue 1	37		VIOLET	Blue 1	109	
	Orange 2	38			Orange 2	110	
	Green 3	39			Green 3	111	
	Brown 4	40			Brown 4	112	
	Slate 5	41			Slate 5	113	
	White 6	42			White 6	114	
	Red 7	43			Red 7	115	
	Black 8	44			Black 8	116	
	Yellow 9	45			Yellow 9	117	
	Violet 10	46			Violet 10	118	
	Rose 11	47			Rose 11	119	
	Aqua 12	48			Aqua 12	120	
SLATE	Blue 1	49		ROSE	Blue 1	121	
	Orange 2	50			Orange 2	122	
	Green 3	51			Green 3	123	
	Brown 4	52			Brown 4	124	
	Slate 5	53			Slate 5	125	
	White 6	54			White 6	126	
	Red 7	55			Red 7	127	
	Black 8	56			Black 8	128	
	Yellow 9	57			Yellow 9	129	
	Violet 10	58			Violet 10	130	
	Rose 11	59			Rose 11	131	
	Aqua 12	60			Aqua 12	132	
WHITE	Blue 1	61		AQUA	Blue 1	133	
	Orange 2	62			Orange 2	134	
	Green 3	63			Green 3	135	
	Brown 4	64			Brown 4	136	
	Slate 5	65			Slate 5	137	
	White 6	66			White 6	138	
	Red 7	67			Red 7	139	
	Black 8	68			Black 8	140	
	Yellow 9	69			Yellow 9	141	
	Violet 10	70			Violet 10	142	
	Rose 11	71			Rose 11	143	
	Aqua 12	72			Aqua 12	144	

DCF-ED-003 (WB)



USER NAME = zvoianj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-003H**

SCALE: NTS SHEET 17 OF 70 SHEETS STA. TO STA.

F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	278
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

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DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-004C		
DISTRIBUTION CABLE DESIGNATION	DCF-ED-004		DESTINATION	CMV-ED-003H			
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1		RED	Blue	1	73
	Orange	2			Orange	2	74
	Green	3			Green	3	75
	Brown	4			Brown	4	76
	Slate	5	LCF-ED-004a, FIBER 5		Slate	5	77
	White	6	LCF-ED-004a, FIBER 6		White	6	78
	Red	7			Red	7	79
	Black	8			Black	8	80
	Yellow	9			Yellow	9	81
	Violet	10			Violet	10	82
	Rose	11	LCF-ED-004a, FIBER 1		Rose	11	83
	Aqua	12	LCF-ED-004a, FIBER 2		Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-004 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-004C		
DISTRIBUTION CABLE DESIGNATION	DCF-ED-004		DESTINATION	CMV-ED-004E			
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1		RED	Blue	1	73
	Orange	2			Orange	2	74
	Green	3			Green	3	75
	Brown	4			Brown	4	76
	Slate	5	LCF-ED-004a, FIBER 7		Slate	5	77
	White	6	LCF-ED-004a, FIBER 8		White	6	78
	Red	7			Red	7	79
	Black	8			Black	8	80
	Yellow	9			Yellow	9	81
	Violet	10			Violet	10	82
	Rose	11	LCF-ED-004a, FIBER 3		Rose	11	83
	Aqua	12	LCF-ED-004a, FIBER 4		Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-004 (WB)

SPL-18



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-004C

SCALE: NTS SHEET 18 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	279
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

p:\US\ASB-APP\66CS_jacobson\NAD\Documents\C9226600_1-94_ILS_41\C9226600\700-cadd\713-tr-a-62079 - (Fiber)\K19_DTP\Fiber\K19_sheets\TIS-Distribution_CMV-ED-004E.dgn

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-004E
DISTRIBUTION CABLE DESIGNATION			DCF-ED-004	DESTINATION	CMV-ED-004C
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT
BLUE	Blue 1	1	LCF-ED-004b, FIBER 1	RED	Blue 1 73
	Orange 2	2	LCF-ED-004b, FIBER 2		Orange 2 74
	Green 3	3			Green 3 75
	Brown 4	4			Brown 4 76
	Slate 5	5			Slate 5 77
	White 6	6			White 6 78
	Red 7	7	LCF-ED-004b, FIBER 5		Red 7 79
	Black 8	8	LCF-ED-004b, FIBER 6		Black 8 80
	Yellow 9	9			Yellow 9 81
	Violet 10	10			Violet 10 82
	Rose 11	11			Rose 11 83
	Aqua 12	12			Aqua 12 84
ORANGE	Blue 1	13		BLACK	Blue 1 85
	Orange 2	14			Orange 2 86
	Green 3	15			Green 3 87
	Brown 4	16			Brown 4 88
	Slate 5	17			Slate 5 89
	White 6	18			White 6 90
	Red 7	19			Red 7 91
	Black 8	20			Black 8 92
	Yellow 9	21			Yellow 9 93
	Violet 10	22			Violet 10 94
	Rose 11	23			Rose 11 95
	Aqua 12	24			Aqua 12 96
GREEN	Blue 1	25		YELLOW	Blue 1 97
	Orange 2	26			Orange 2 98
	Green 3	27			Green 3 99
	Brown 4	28			Brown 4 100
	Slate 5	29			Slate 5 101
	White 6	30			White 6 102
	Red 7	31			Red 7 103
	Black 8	32			Black 8 104
	Yellow 9	33			Yellow 9 105
	Violet 10	34			Violet 10 106
	Rose 11	35			Rose 11 107
	Aqua 12	36			Aqua 12 108
BROWN	Blue 1	37		VIOLET	Blue 1 109
	Orange 2	38			Orange 2 110
	Green 3	39			Green 3 111
	Brown 4	40			Brown 4 112
	Slate 5	41			Slate 5 113
	White 6	42			White 6 114
	Red 7	43			Red 7 115
	Black 8	44			Black 8 116
	Yellow 9	45			Yellow 9 117
	Violet 10	46			Violet 10 118
	Rose 11	47			Rose 11 119
	Aqua 12	48			Aqua 12 120
SLATE	Blue 1	49		ROSE	Blue 1 121
	Orange 2	50			Orange 2 122
	Green 3	51			Green 3 123
	Brown 4	52			Brown 4 124
	Slate 5	53			Slate 5 125
	White 6	54			White 6 126
	Red 7	55			Red 7 127
	Black 8	56			Black 8 128
	Yellow 9	57			Yellow 9 129
	Violet 10	58			Violet 10 130
	Rose 11	59			Rose 11 131
	Aqua 12	60			Aqua 12 132
WHITE	Blue 1	61		AQUA	Blue 1 133
	Orange 2	62			Orange 2 134
	Green 3	63			Green 3 135
	Brown 4	64			Brown 4 136
	Slate 5	65			Slate 5 137
	White 6	66			White 6 138
	Red 7	67			Red 7 139
	Black 8	68			Black 8 140
	Yellow 9	69			Yellow 9 141
	Violet 10	70			Violet 10 142
	Rose 11	71			Rose 11 143
	Aqua 12	72			Aqua 12 144

DCF-ED-004 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-004E
DISTRIBUTION CABLE DESIGNATION			DCF-ED-004	DESTINATION	CMV-ED-005C
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT
BLUE	Blue 1	1	LCF-ED-004b, FIBER 3	RED	Blue 1 73
	Orange 2	2	LCF-ED-004b, FIBER 4		Orange 2 74
	Green 3	3			Green 3 75
	Brown 4	4			Brown 4 76
	Slate 5	5			Slate 5 77
	White 6	6			White 6 78
	Red 7	7	LCF-ED-004b, FIBER 7		Red 7 79
	Black 8	8	LCF-ED-004b, FIBER 8		Black 8 80
	Yellow 9	9			Yellow 9 81
	Violet 10	10			Violet 10 82
	Rose 11	11			Rose 11 83
	Aqua 12	12			Aqua 12 84
ORANGE	Blue 1	13		BLACK	Blue 1 85
	Orange 2	14			Orange 2 86
	Green 3	15			Green 3 87
	Brown 4	16			Brown 4 88
	Slate 5	17			Slate 5 89
	White 6	18			White 6 90
	Red 7	19			Red 7 91
	Black 8	20			Black 8 92
	Yellow 9	21			Yellow 9 93
	Violet 10	22			Violet 10 94
	Rose 11	23			Rose 11 95
	Aqua 12	24			Aqua 12 96
GREEN	Blue 1	25		YELLOW	Blue 1 97
	Orange 2	26			Orange 2 98
	Green 3	27			Green 3 99
	Brown 4	28			Brown 4 100
	Slate 5	29			Slate 5 101
	White 6	30			White 6 102
	Red 7	31			Red 7 103
	Black 8	32			Black 8 104
	Yellow 9	33			Yellow 9 105
	Violet 10	34			Violet 10 106
	Rose 11	35			Rose 11 107
	Aqua 12	36			Aqua 12 108
BROWN	Blue 1	37		VIOLET	Blue 1 109
	Orange 2	38			Orange 2 110
	Green 3	39			Green 3 111
	Brown 4	40			Brown 4 112
	Slate 5	41			Slate 5 113
	White 6	42			White 6 114
	Red 7	43			Red 7 115
	Black 8	44			Black 8 116
	Yellow 9	45			Yellow 9 117
	Violet 10	46			Violet 10 118
	Rose 11	47			Rose 11 119
	Aqua 12	48			Aqua 12 120
SLATE	Blue 1	49		ROSE	Blue 1 121
	Orange 2	50			Orange 2 122
	Green 3	51			Green 3 123
	Brown 4	52			Brown 4 124
	Slate 5	53			Slate 5 125
	White 6	54			White 6 126
	Red 7	55			Red 7 127
	Black 8	56			Black 8 128
	Yellow 9	57			Yellow 9 129
	Violet 10	58			Violet 10 130
	Rose 11	59			Rose 11 131
	Aqua 12	60			Aqua 12 132
WHITE	Blue 1	61		AQUA	Blue 1 133
	Orange 2	62			Orange 2 134
	Green 3	63			Green 3 135
	Brown 4	64			Brown 4 136
	Slate 5	65			Slate 5 137
	White 6	66			White 6 138
	Red 7	67			Red 7 139
	Black 8	68			Black 8 140
	Yellow 9	69			Yellow 9 141
	Violet 10	70			Violet 10 142
	Rose 11	71			Rose 11 143
	Aqua 12	72			Aqua 12 144

DCF-ED-004 (WB)

SPL-19



USER NAME = zvoianjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-004E

SCALE: NTS SHEET 19 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	280
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

p:\US\ASB-APP\66CS_jacobson\NA\Documents\C9206600_1-94_U.S.-41\C9206600_700-000\7137-0-62079 (Fiber) \K21_DJP\9137613-sheet115-Distribution_CMV-ED-005F.dgn

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-005F
DISTRIBUTION CABLE DESIGNATION			DCP-ED-005	DESTINATION	CMV-ED-005C
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT
BLUE	Blue 1	1		RED	Blue 1 73
	Orange 2	2			Orange 2 74
	Green 3	3			Green 3 75
	Brown 4	4			Brown 4 76
	Slate 5	5	LCF-ED-005b, FIBER 1		Slate 5 77
	White 6	6	LCF-ED-005b, FIBER 2		White 6 78
	Red 7	7			Red 7 79
	Black 8	8			Black 8 80
	Yellow 9	9			Yellow 9 81
	Violet 10	10			Violet 10 82
	Rose 11	11	LCF-ED-005b, FIBER 5		Rose 11 83
	Aqua 12	12	LCF-ED-005b, FIBER 6		Aqua 12 84
ORANGE	Blue 1	13		BLACK	Blue 1 85
	Orange 2	14			Orange 2 86
	Green 3	15			Green 3 87
	Brown 4	16			Brown 4 88
	Slate 5	17			Slate 5 89
	White 6	18			White 6 90
	Red 7	19			Red 7 91
	Black 8	20			Black 8 92
	Yellow 9	21			Yellow 9 93
	Violet 10	22			Violet 10 94
	Rose 11	23			Rose 11 95
	Aqua 12	24			Aqua 12 96
GREEN	Blue 1	25		YELLOW	Blue 1 97
	Orange 2	26			Orange 2 98
	Green 3	27			Green 3 99
	Brown 4	28			Brown 4 100
	Slate 5	29			Slate 5 101
	White 6	30			White 6 102
	Red 7	31			Red 7 103
	Black 8	32			Black 8 104
	Yellow 9	33			Yellow 9 105
	Violet 10	34			Violet 10 106
	Rose 11	35			Rose 11 107
	Aqua 12	36			Aqua 12 108
BROWN	Blue 1	37		VIOLET	Blue 1 109
	Orange 2	38			Orange 2 110
	Green 3	39			Green 3 111
	Brown 4	40			Brown 4 112
	Slate 5	41			Slate 5 113
	White 6	42			White 6 114
	Red 7	43			Red 7 115
	Black 8	44			Black 8 116
	Yellow 9	45			Yellow 9 117
	Violet 10	46			Violet 10 118
	Rose 11	47			Rose 11 119
	Aqua 12	48			Aqua 12 120
SLATE	Blue 1	49		ROSE	Blue 1 121
	Orange 2	50			Orange 2 122
	Green 3	51			Green 3 123
	Brown 4	52			Brown 4 124
	Slate 5	53			Slate 5 125
	White 6	54			White 6 126
	Red 7	55			Red 7 127
	Black 8	56			Black 8 128
	Yellow 9	57			Yellow 9 129
	Violet 10	58			Violet 10 130
	Rose 11	59			Rose 11 131
	Aqua 12	60			Aqua 12 132
WHITE	Blue 1	61		AQUA	Blue 1 133
	Orange 2	62			Orange 2 134
	Green 3	63			Green 3 135
	Brown 4	64			Brown 4 136
	Slate 5	65			Slate 5 137
	White 6	66			White 6 138
	Red 7	67			Red 7 139
	Black 8	68			Black 8 140
	Yellow 9	69			Yellow 9 141
	Violet 10	70			Violet 10 142
	Rose 11	71			Rose 11 143
	Aqua 12	72			Aqua 12 144

DCF-ED-005 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-005F
DISTRIBUTION CABLE DESIGNATION			DCP-ED-005	DESTINATION	CMV-ED-006C
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT
BLUE	Blue 1	1		RED	Blue 1 73
	Orange 2	2			Orange 2 74
	Green 3	3			Green 3 75
	Brown 4	4			Brown 4 76
	Slate 5	5	LCF-ED-005b, FIBER 3		Slate 5 77
	White 6	6	LCF-ED-005b, FIBER 4		White 6 78
	Red 7	7			Red 7 79
	Black 8	8			Black 8 80
	Yellow 9	9			Yellow 9 81
	Violet 10	10			Violet 10 82
	Rose 11	11	LCF-ED-005b, FIBER 7		Rose 11 83
	Aqua 12	12	LCF-ED-005b, FIBER 8		Aqua 12 84
ORANGE	Blue 1	13		BLACK	Blue 1 85
	Orange 2	14			Orange 2 86
	Green 3	15			Green 3 87
	Brown 4	16			Brown 4 88
	Slate 5	17			Slate 5 89
	White 6	18			White 6 90
	Red 7	19			Red 7 91
	Black 8	20			Black 8 92
	Yellow 9	21			Yellow 9 93
	Violet 10	22			Violet 10 94
	Rose 11	23			Rose 11 95
	Aqua 12	24			Aqua 12 96
GREEN	Blue 1	25		YELLOW	Blue 1 97
	Orange 2	26			Orange 2 98
	Green 3	27			Green 3 99
	Brown 4	28			Brown 4 100
	Slate 5	29			Slate 5 101
	White 6	30			White 6 102
	Red 7	31			Red 7 103
	Black 8	32			Black 8 104
	Yellow 9	33			Yellow 9 105
	Violet 10	34			Violet 10 106
	Rose 11	35			Rose 11 107
	Aqua 12	36			Aqua 12 108
BROWN	Blue 1	37		VIOLET	Blue 1 109
	Orange 2	38			Orange 2 110
	Green 3	39			Green 3 111
	Brown 4	40			Brown 4 112
	Slate 5	41			Slate 5 113
	White 6	42			White 6 114
	Red 7	43			Red 7 115
	Black 8	44			Black 8 116
	Yellow 9	45			Yellow 9 117
	Violet 10	46			Violet 10 118
	Rose 11	47			Rose 11 119
	Aqua 12	48			Aqua 12 120
SLATE	Blue 1	49		ROSE	Blue 1 121
	Orange 2	50			Orange 2 122
	Green 3	51			Green 3 123
	Brown 4	52			Brown 4 124
	Slate 5	53			Slate 5 125
	White 6	54			White 6 126
	Red 7	55			Red 7 127
	Black 8	56			Black 8 128
	Yellow 9	57			Yellow 9 129
	Violet 10	58			Violet 10 130
	Rose 11	59			Rose 11 131
	Aqua 12	60			Aqua 12 132
WHITE	Blue 1	61		AQUA	Blue 1 133
	Orange 2	62			Orange 2 134
	Green 3	63			Green 3 135
	Brown 4	64			Brown 4 136
	Slate 5	65			Slate 5 137
	White 6	66			White 6 138
	Red 7	67			Red 7 139
	Black 8	68			Black 8 140
	Yellow 9	69			Yellow 9 141
	Violet 10	70			Violet 10 142
	Rose 11	71			Rose 11 143
	Aqua 12	72			Aqua 12 144

DCF-ED-005 (WB)

SPL-21



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-005F

SCALE: NTS SHEET 21 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	282
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-006H	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-006	DESTINATION	CMV-ED-006C	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3	LCF-ED-006b, FIBER 5		Green	3 75
	Brown	4	LCF-ED-006b, FIBER 6		Brown	4 76
	Slate	5			Slate	5 77
	White	6			White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9	LCF-ED-006b, FIBER 1		Yellow	9 81
	Violet	10	LCF-ED-006b, FIBER 2		Violet	10 82
	Rose	11			Rose	11 83
	Aqua	12			Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-006H	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-006	DESTINATION	CMV-ED-007A	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3	LCF-ED-006b, FIBER 7		Green	3 75
	Brown	4	LCF-ED-006b, FIBER 8		Brown	4 76
	Slate	5			Slate	5 77
	White	6			White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9	LCF-ED-006b, FIBER 3		Yellow	9 81
	Violet	10	LCF-ED-006b, FIBER 4		Violet	10 82
	Rose	11			Rose	11 83
	Aqua	12			Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-006 (EB)

DCF-ED-006 (WB)

SPL-23

p:\US\ASB-APP\066CS_060608\Documents\C920608_1-94_U.S.-41\C920608\7080000\7130000\62079 (Fiber)N23.DWG 1/19/2020 11:53:38 AM TIS-Distribution CMV-ED-006H.dgn

	USER NAME = zvoianju	DESIGNED - JJZ	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRIBUTION CABLE FIBER ASSIGNMENTS CMV-ED-006H	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - DAD	REVISED -			94	2016-068I	COOK/LAKE	388	284
	PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -			CONTRACT NO. 62079				

SCALE: NTS SHEET 23 OF 70 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT

p:\US\ASB-APP\666CS_jacobson\NAD\Documents\C9226600_1-94_U.S.-41\C9226600\700-cadd\713-tr-n\62079 - (Fiber)\K24_DP\Fiber\K24_DP\F19127613-sheet-TIS-Distribution_CMV-ED-007A.dgn

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-007A	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-006	DESTINATION	CMV-ED-006H	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3			Green	3 75
	Brown	4			Brown	4 76
	Slate	5	LCF-ED-007a, FIBER 5		Slate	5 77
	White	6	LCF-ED-007a, FIBER 6		White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9			Yellow	9 81
	Violet	10			Violet	10 82
	Rose	11	LCF-ED-007a, FIBER 1		Rose	11 83
	Aqua	12	LCF-ED-007a, FIBER 2		Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-006 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-007A	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-007	DESTINATION	CMV-ED-007C	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3			Green	3 75
	Brown	4			Brown	4 76
	Slate	5	LCF-ED-007a, FIBER 7		Slate	5 77
	White	6	LCF-ED-007a, FIBER 8		White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9			Yellow	9 81
	Violet	10			Violet	10 82
	Rose	11	LCF-ED-007a, FIBER 3		Rose	11 83
	Aqua	12	LCF-ED-007a, FIBER 4		Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-007 (WB)



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-007A

SCALE: NTS SHEET 24 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	285
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

p:\US\ASB-APP\066CS_pcc\cbt\com\NA\Documents\C9228680_1-94_U.S.-41\C9228680\780-000\713tr\062079 (Fiber)\K25_DP\F19127613-sheet1-TIS-Distribution_CMV-ED-007J.dgn

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-007J		
DISTRIBUTION CABLE DESIGNATION		DCF-ED-007		DESTINATION	CMV-ED-007C		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1		RED	Blue	1	73
	Orange	2			Orange	2	74
	Green	3	LCF-ED-007c, FIBER 1		Green	3	75
	Brown	4	LCF-ED-007c, FIBER 2		Brown	4	76
	Slate	5			Slate	5	77
	White	6			White	6	78
	Red	7			Red	7	79
	Black	8			Black	8	80
	Yellow	9	LCF-ED-007c, FIBER 5		Yellow	9	81
	Violet	10	LCF-ED-007c, FIBER 6		Violet	10	82
	Rose	11			Rose	11	83
	Aqua	12			Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-007J		
DISTRIBUTION CABLE DESIGNATION		DCF-ED-008A		DESTINATION	CMV-ED-008A		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1		RED	Blue	1	73
	Orange	2			Orange	2	74
	Green	3	LCF-ED-007c, FIBER 3		Green	3	75
	Brown	4	LCF-ED-007c, FIBER 4		Brown	4	76
	Slate	5			Slate	5	77
	White	6			White	6	78
	Red	7			Red	7	79
	Black	8			Black	8	80
	Yellow	9	LCF-ED-007c, FIBER 7		Yellow	9	81
	Violet	10	LCF-ED-007c, FIBER 8		Violet	10	82
	Rose	11			Rose	11	83
	Aqua	12			Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-007 (EB)

DCF-ED-007 (WB)

SPL-26

	USER NAME = zvolanjj DESIGNED - JJZ DRAWN - NG PLOT SCALE = PLOT DATE = 2/27/2020	REVISED - REVISOR - CHECKED - DAD DATE - 02/28/2020	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRIBUTION CABLE FIBER ASSIGNMENTS CMV-ED-007J	SCALE: NTS SHEET 26 OF 70 SHEETS STA. TO STA.	F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO. 94 2016-0681 COOK/LAKE 388 287
	CONTRACT NO. 62079					ILLINOIS FED. AID PROJECT

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DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-008A	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-007	DESTINATION	CMV-ED-007J	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3			Green	3 75
	Brown	4			Brown	4 76
	Slate	5	LCF-ED-008a, FIBER 1		Slate	5 77
	White	6	LCF-ED-008a, FIBER 2		White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9			Yellow	9 81
	Violet	10			Violet	10 82
	Rose	11	LCF-ED-008a, FIBER 5		Rose	11 83
	Aqua	12	LCF-ED-008a, FIBER 6		Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-007 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-008A	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-008	DESTINATION	CMV-ED-008D	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3			Green	3 75
	Brown	4			Brown	4 76
	Slate	5	LCF-ED-008a, FIBER 3		Slate	5 77
	White	6	LCF-ED-008a, FIBER 4		White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9			Yellow	9 81
	Violet	10			Violet	10 82
	Rose	11	LCF-ED-008a, FIBER 7		Rose	11 83
	Aqua	12	LCF-ED-008a, FIBER 8		Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-008 (WB)

SPL-27



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-008A

SCALE: NTS SHEET 27 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	288
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-008D		
DISTRIBUTION CABLE DESIGNATION			DCF-ED-008	DESTINATION	CMV-ED-008A		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1	LCF-ED-008b, FIBER 5	RED	Blue	1	73
	Orange	2	LCF-ED-008b, FIBER 6		Orange	2	74
	Green	3			Green	3	75
	Brown	4			Brown	4	76
	Slate	5			Slate	5	77
	White	6			White	6	78
	Red	7	LCF-ED-008b, FIBER 1		Red	7	79
	Black	8	LCF-ED-008b, FIBER 2		Black	8	80
	Yellow	9			Yellow	9	81
	Violet	10			Violet	10	82
	Rose	11			Rose	11	83
	Aqua	12			Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-008 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-008D		
DISTRIBUTION CABLE DESIGNATION			DCF-ED-008	DESTINATION	CMV-ED-008B		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1	LCF-ED-008b, FIBER 7	RED	Blue	1	73
	Orange	2	LCF-ED-008b, FIBER 8		Orange	2	74
	Green	3			Green	3	75
	Brown	4			Brown	4	76
	Slate	5			Slate	5	77
	White	6			White	6	78
	Red	7	LCF-ED-008b, FIBER 3		Red	7	79
	Black	8	LCF-ED-008b, FIBER 4		Black	8	80
	Yellow	9			Yellow	9	81
	Violet	10			Violet	10	82
	Rose	11			Rose	11	83
	Aqua	12			Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-008 (WB)

SPL-28

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USER NAME = zvoianjj	DESIGNED - JJZ	REVISED -
PLOT SCALE =	DRAWN - NG	REVISED -
PLOT DATE = 2/27/2020	CHECKED - DAD	REVISED -
	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-008D**

SCALE: NTS SHEET 28 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-0681	COOK/LAKE	388	289
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

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DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-008H	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-008	DESTINATION	CMV-ED-008D	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3	LCF-ED-008c, FIBER 5		Green	3 75
	Brown	4	LCF-ED-008c, FIBER 6		Brown	4 76
	Slate	5			Slate	5 77
	White	6			White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9	LCF-ED-008c, FIBER 1		Yellow	9 81
	Violet	10	LCF-ED-008c, FIBER 2		Violet	10 82
	Rose	11			Rose	11 83
	Aqua	12			Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-008 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-008H	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-008	DESTINATION	CMV-ED-009E	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3	LCF-ED-008c, FIBER 7		Green	3 75
	Brown	4	LCF-ED-008c, FIBER 8		Brown	4 76
	Slate	5			Slate	5 77
	White	6			White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9	LCF-ED-008c, FIBER 3		Yellow	9 81
	Violet	10	LCF-ED-008c, FIBER 4		Violet	10 82
	Rose	11			Rose	11 83
	Aqua	12			Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-008 (WB)

SPL-29



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-008H**

SCALE: NTS SHEET 29 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	290
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

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DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-009E		
DISTRIBUTION CABLE DESIGNATION	DCF-ED-009		DESTINATION	CMV-ED-008H			
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER NO.	ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1	73
	Orange	2			Orange	2	74
	Green	3			Green	3	75
	Brown	4			Brown	4	76
	Slate	5	LCF-ED-009a, FIBER 5		Slate	5	77
	White	6	LCF-ED-009a, FIBER 6		White	6	78
	Red	7			Red	7	79
	Black	8			Black	8	80
	Yellow	9			Yellow	9	81
	Violet	10			Violet	10	82
	Rose	11	LCF-ED-009a, FIBER 1		Rose	11	83
	Aqua	12	LCF-ED-009a, FIBER 2		Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-009 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-009E		
DISTRIBUTION CABLE DESIGNATION	DCF-ED-009		DESTINATION	CMV-ED-009J			
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER NO.	ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1	73
	Orange	2			Orange	2	74
	Green	3			Green	3	75
	Brown	4			Brown	4	76
	Slate	5	LCF-ED-009a, FIBER 7		Slate	5	77
	White	6	LCF-ED-009a, FIBER 8		White	6	78
	Red	7			Red	7	79
	Black	8			Black	8	80
	Yellow	9			Yellow	9	81
	Violet	10			Violet	10	82
	Rose	11	LCF-ED-009a, FIBER 3		Rose	11	83
	Aqua	12	LCF-ED-009a, FIBER 4		Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-009 (WB)



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-009E

SCALE: NTS SHEET 30 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	291
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

p:\1\USASB-APP\666CS_jacobson\NAI\Documents\C9226600_1-94_ILS_41\C9226600_700-000\713-tr-0-62079 - (Fiber)\K31_DIP\9137613-sheet1-TIS-Distribution_CMV-ED-009L.dgn

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-009L		
DISTRIBUTION CABLE DESIGNATION				DESTINATION	CMV-ED-009J		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT		
BLUE	Blue 1	1	LCF-ED-009c, FIBER 1	RED	Blue 1	73	
	Orange 2	2	LCF-ED-009c, FIBER 2		Orange 2	74	
	Green 3	3			Green 3	75	
	Brown 4	4			Brown 4	76	
	Slate 5	5			Slate 5	77	
	White 6	6			White 6	78	
	Red 7	7	LCF-ED-009c, FIBER 5		Red 7	79	
	Black 8	8	LCF-ED-009c, FIBER 6		Black 8	80	
	Yellow 9	9			Yellow 9	81	
	Violet 10	10			Violet 10	82	
	Rose 11	11			Rose 11	83	
	Aqua 12	12			Aqua 12	84	
ORANGE	Blue 1	13		BLACK	Blue 1	85	
	Orange 2	14			Orange 2	86	
	Green 3	15			Green 3	87	
	Brown 4	16			Brown 4	88	
	Slate 5	17			Slate 5	89	
	White 6	18			White 6	90	
	Red 7	19			Red 7	91	
	Black 8	20			Black 8	92	
	Yellow 9	21			Yellow 9	93	
	Violet 10	22			Violet 10	94	
	Rose 11	23			Rose 11	95	
	Aqua 12	24			Aqua 12	96	
GREEN	Blue 1	25		YELLOW	Blue 1	97	
	Orange 2	26			Orange 2	98	
	Green 3	27			Green 3	99	
	Brown 4	28			Brown 4	100	
	Slate 5	29			Slate 5	101	
	White 6	30			White 6	102	
	Red 7	31			Red 7	103	
	Black 8	32			Black 8	104	
	Yellow 9	33			Yellow 9	105	
	Violet 10	34			Violet 10	106	
	Rose 11	35			Rose 11	107	
	Aqua 12	36			Aqua 12	108	
BROWN	Blue 1	37		VIOLET	Blue 1	109	
	Orange 2	38			Orange 2	110	
	Green 3	39			Green 3	111	
	Brown 4	40			Brown 4	112	
	Slate 5	41			Slate 5	113	
	White 6	42			White 6	114	
	Red 7	43			Red 7	115	
	Black 8	44			Black 8	116	
	Yellow 9	45			Yellow 9	117	
	Violet 10	46			Violet 10	118	
	Rose 11	47			Rose 11	119	
	Aqua 12	48			Aqua 12	120	
SLATE	Blue 1	49		ROSE	Blue 1	121	
	Orange 2	50			Orange 2	122	
	Green 3	51			Green 3	123	
	Brown 4	52			Brown 4	124	
	Slate 5	53			Slate 5	125	
	White 6	54			White 6	126	
	Red 7	55			Red 7	127	
	Black 8	56			Black 8	128	
	Yellow 9	57			Yellow 9	129	
	Violet 10	58			Violet 10	130	
	Rose 11	59			Rose 11	131	
	Aqua 12	60			Aqua 12	132	
WHITE	Blue 1	61		AQUA	Blue 1	133	
	Orange 2	62			Orange 2	134	
	Green 3	63			Green 3	135	
	Brown 4	64			Brown 4	136	
	Slate 5	65			Slate 5	137	
	White 6	66			White 6	138	
	Red 7	67			Red 7	139	
	Black 8	68			Black 8	140	
	Yellow 9	69			Yellow 9	141	
	Violet 10	70			Violet 10	142	
	Rose 11	71			Rose 11	143	
	Aqua 12	72			Aqua 12	144	

DCF-ED-009 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-009L		
DISTRIBUTION CABLE DESIGNATION				DESTINATION	CMV-ED-010G		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT		
BLUE	Blue 1	1	LCF-ED-009c, FIBER 3	RED	Blue 1	73	
	Orange 2	2	LCF-ED-009c, FIBER 4		Orange 2	74	
	Green 3	3			Green 3	75	
	Brown 4	4			Brown 4	76	
	Slate 5	5			Slate 5	77	
	White 6	6			White 6	78	
	Red 7	7	LCF-ED-009c, FIBER 7		Red 7	79	
	Black 8	8	LCF-ED-009c, FIBER 8		Black 8	80	
	Yellow 9	9			Yellow 9	81	
	Violet 10	10			Violet 10	82	
	Rose 11	11			Rose 11	83	
	Aqua 12	12			Aqua 12	84	
ORANGE	Blue 1	13		BLACK	Blue 1	85	
	Orange 2	14			Orange 2	86	
	Green 3	15			Green 3	87	
	Brown 4	16			Brown 4	88	
	Slate 5	17			Slate 5	89	
	White 6	18			White 6	90	
	Red 7	19			Red 7	91	
	Black 8	20			Black 8	92	
	Yellow 9	21			Yellow 9	93	
	Violet 10	22			Violet 10	94	
	Rose 11	23			Rose 11	95	
	Aqua 12	24			Aqua 12	96	
GREEN	Blue 1	25		YELLOW	Blue 1	97	
	Orange 2	26			Orange 2	98	
	Green 3	27			Green 3	99	
	Brown 4	28			Brown 4	100	
	Slate 5	29			Slate 5	101	
	White 6	30			White 6	102	
	Red 7	31			Red 7	103	
	Black 8	32			Black 8	104	
	Yellow 9	33			Yellow 9	105	
	Violet 10	34			Violet 10	106	
	Rose 11	35			Rose 11	107	
	Aqua 12	36			Aqua 12	108	
BROWN	Blue 1	37		VIOLET	Blue 1	109	
	Orange 2	38			Orange 2	110	
	Green 3	39			Green 3	111	
	Brown 4	40			Brown 4	112	
	Slate 5	41			Slate 5	113	
	White 6	42			White 6	114	
	Red 7	43			Red 7	115	
	Black 8	44			Black 8	116	
	Yellow 9	45			Yellow 9	117	
	Violet 10	46			Violet 10	118	
	Rose 11	47			Rose 11	119	
	Aqua 12	48			Aqua 12	120	
SLATE	Blue 1	49		ROSE	Blue 1	121	
	Orange 2	50			Orange 2	122	
	Green 3	51			Green 3	123	
	Brown 4	52			Brown 4	124	
	Slate 5	53			Slate 5	125	
	White 6	54			White 6	126	
	Red 7	55			Red 7	127	
	Black 8	56			Black 8	128	
	Yellow 9	57			Yellow 9	129	
	Violet 10	58			Violet 10	130	
	Rose 11	59			Rose 11	131	
	Aqua 12	60			Aqua 12	132	
WHITE	Blue 1	61		AQUA	Blue 1	133	
	Orange 2	62			Orange 2	134	
	Green 3	63			Green 3	135	
	Brown 4	64			Brown 4	136	
	Slate 5	65			Slate 5	137	
	White 6	66			White 6	138	
	Red 7	67			Red 7	139	
	Black 8	68			Black 8	140	
	Yellow 9	69			Yellow 9	141	
	Violet 10	70			Violet 10	142	
	Rose 11	71			Rose 11	143	
	Aqua 12	72			Aqua 12	144	

DCF-ED-009 (WB)

SPL-32

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DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-011A	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-010	DESTINATION	CMV-ED-010G	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3			Green	3 75
	Brown	4			Brown	4 76
	Slate	5	LCF-ED-011a, FIBER 1		Slate	5 77
	White	6	LCF-ED-011a, FIBER 2		White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9			Yellow	9 81
	Violet	10			Violet	10 82
	Rose	11	LCF-ED-011a, FIBER 5		Rose	11 83
	Aqua	12	LCF-ED-011a, FIBER 6		Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-010 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-011A	
DISTRIBUTION CABLE DESIGNATION			DCF-ED-011	DESTINATION	CMV-ED-011B	
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT	
BLUE	Blue	1		RED	Blue	1 73
	Orange	2			Orange	2 74
	Green	3			Green	3 75
	Brown	4			Brown	4 76
	Slate	5	LCF-ED-011a, FIBER 3		Slate	5 77
	White	6	LCF-ED-011a, FIBER 4		White	6 78
	Red	7			Red	7 79
	Black	8			Black	8 80
	Yellow	9			Yellow	9 81
	Violet	10			Violet	10 82
	Rose	11	LCF-ED-011a, FIBER 7		Rose	11 83
	Aqua	12	LCF-ED-011a, FIBER 8		Aqua	12 84
ORANGE	Blue	1		BLACK	Blue	1 85
	Orange	2			Orange	2 86
	Green	3			Green	3 87
	Brown	4			Brown	4 88
	Slate	5			Slate	5 89
	White	6			White	6 90
	Red	7			Red	7 91
	Black	8			Black	8 92
	Yellow	9			Yellow	9 93
	Violet	10			Violet	10 94
	Rose	11			Rose	11 95
	Aqua	12			Aqua	12 96
GREEN	Blue	1		YELLOW	Blue	1 97
	Orange	2			Orange	2 98
	Green	3			Green	3 99
	Brown	4			Brown	4 100
	Slate	5			Slate	5 101
	White	6			White	6 102
	Red	7			Red	7 103
	Black	8			Black	8 104
	Yellow	9			Yellow	9 105
	Violet	10			Violet	10 106
	Rose	11			Rose	11 107
	Aqua	12			Aqua	12 108
BROWN	Blue	1		VIOLET	Blue	1 109
	Orange	2			Orange	2 110
	Green	3			Green	3 111
	Brown	4			Brown	4 112
	Slate	5			Slate	5 113
	White	6			White	6 114
	Red	7			Red	7 115
	Black	8			Black	8 116
	Yellow	9			Yellow	9 117
	Violet	10			Violet	10 118
	Rose	11			Rose	11 119
	Aqua	12			Aqua	12 120
SLATE	Blue	1		ROSE	Blue	1 121
	Orange	2			Orange	2 122
	Green	3			Green	3 123
	Brown	4			Brown	4 124
	Slate	5			Slate	5 125
	White	6			White	6 126
	Red	7			Red	7 127
	Black	8			Black	8 128
	Yellow	9			Yellow	9 129
	Violet	10			Violet	10 130
	Rose	11			Rose	11 131
	Aqua	12			Aqua	12 132
WHITE	Blue	1		AQUA	Blue	1 133
	Orange	2			Orange	2 134
	Green	3			Green	3 135
	Brown	4			Brown	4 136
	Slate	5			Slate	5 137
	White	6			White	6 138
	Red	7			Red	7 139
	Black	8			Black	8 140
	Yellow	9			Yellow	9 141
	Violet	10			Violet	10 142
	Rose	11			Rose	11 143
	Aqua	12			Aqua	12 144

DCF-ED-011 (WB)



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-011A

SCALE: NTS SHEET 34 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	295
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

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DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-011B		
DISTRIBUTION CABLE DESIGNATION			DCF-ED-011	DESTINATION	CMV-ED-011A		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1		RED	Blue	1	73
	Orange	2	LCF-ED-011b, FIBER 5		Orange	2	74
	Green	3	LCF-ED-011b, FIBER 6		Green	3	75
	Brown	4			Brown	4	76
	Slate	5			Slate	5	77
	White	6			White	6	78
	Red	7	LCF-ED-011b, FIBER 1		Red	7	79
	Black	8	LCF-ED-011b, FIBER 2		Black	8	80
	Yellow	9			Yellow	9	81
	Violet	10			Violet	10	82
	Rose	11			Rose	11	83
	Aqua	12			Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-011 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-011B		
DISTRIBUTION CABLE DESIGNATION			DCF-ED-011	DESTINATION	CMV-ED-011G		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1		RED	Blue	1	73
	Orange	2	LCF-ED-011b, FIBER 7		Orange	2	74
	Green	3	LCF-ED-011b, FIBER 8		Green	3	75
	Brown	4			Brown	4	76
	Slate	5			Slate	5	77
	White	6			White	6	78
	Red	7	LCF-ED-011b, FIBER 3		Red	7	79
	Black	8	LCF-ED-011b, FIBER 4		Black	8	80
	Yellow	9			Yellow	9	81
	Violet	10			Violet	10	82
	Rose	11			Rose	11	83
	Aqua	12			Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-011 (WB)



USER NAME = zvoianj	DESIGNED - JJZ	REVISED -
PLOT SCALE =	DRAWN - NG	REVISED -
PLOT DATE = 2/27/2020	CHECKED - DAD	REVISED -
	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-011B

SCALE: NTS SHEET 35 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	296
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

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DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-012B
DISTRIBUTION CABLE DESIGNATION			DCF-ED-012	DESTINATION	CMV-ED-011G
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT
BLUE	Blue 1	1		RED	Blue 1 73
	Orange 2	2			Orange 2 74
	Green 3	3			Green 3 75
	Brown 4	4			Brown 4 76
	Slate 5	5	LCF-ED-012a, FIBER 5		Slate 5 77
	White 6	6	LCF-ED-012a, FIBER 6		White 6 78
	Red 7	7			Red 7 79
	Black 8	8			Black 8 80
	Yellow 9	9			Yellow 9 81
	Violet 10	10			Violet 10 82
	Rose 11	11	LCF-ED-012a, FIBER 1		Rose 11 83
	Aqua 12	12	LCF-ED-012a, FIBER 2		Aqua 12 84
ORANGE	Blue 1	13		BLACK	Blue 1 85
	Orange 2	14			Orange 2 86
	Green 3	15			Green 3 87
	Brown 4	16			Brown 4 88
	Slate 5	17			Slate 5 89
	White 6	18			White 6 90
	Red 7	19			Red 7 91
	Black 8	20			Black 8 92
	Yellow 9	21			Yellow 9 93
	Violet 10	22			Violet 10 94
	Rose 11	23			Rose 11 95
	Aqua 12	24			Aqua 12 96
GREEN	Blue 1	25		YELLOW	Blue 1 97
	Orange 2	26			Orange 2 98
	Green 3	27			Green 3 99
	Brown 4	28			Brown 4 100
	Slate 5	29			Slate 5 101
	White 6	30			White 6 102
	Red 7	31			Red 7 103
	Black 8	32			Black 8 104
	Yellow 9	33			Yellow 9 105
	Violet 10	34			Violet 10 106
	Rose 11	35			Rose 11 107
	Aqua 12	36			Aqua 12 108
BROWN	Blue 1	37		VIOLET	Blue 1 109
	Orange 2	38			Orange 2 110
	Green 3	39			Green 3 111
	Brown 4	40			Brown 4 112
	Slate 5	41			Slate 5 113
	White 6	42			White 6 114
	Red 7	43			Red 7 115
	Black 8	44			Black 8 116
	Yellow 9	45			Yellow 9 117
	Violet 10	46			Violet 10 118
	Rose 11	47			Rose 11 119
	Aqua 12	48			Aqua 12 120
SLATE	Blue 1	49		ROSE	Blue 1 121
	Orange 2	50			Orange 2 122
	Green 3	51			Green 3 123
	Brown 4	52			Brown 4 124
	Slate 5	53			Slate 5 125
	White 6	54			White 6 126
	Red 7	55			Red 7 127
	Black 8	56			Black 8 128
	Yellow 9	57			Yellow 9 129
	Violet 10	58			Violet 10 130
	Rose 11	59			Rose 11 131
	Aqua 12	60			Aqua 12 132
WHITE	Blue 1	61		AQUA	Blue 1 133
	Orange 2	62			Orange 2 134
	Green 3	63			Green 3 135
	Brown 4	64			Brown 4 136
	Slate 5	65			Slate 5 137
	White 6	66			White 6 138
	Red 7	67			Red 7 139
	Black 8	68			Black 8 140
	Yellow 9	69			Yellow 9 141
	Violet 10	70			Violet 10 142
	Rose 11	71			Rose 11 143
	Aqua 12	72			Aqua 12 144

DCF-ED-012 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-012B
DISTRIBUTION CABLE DESIGNATION			DCF-ED-012	DESTINATION	CMV-ED-012D
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER FIBER NO. ASSIGNMENT
BLUE	Blue 1	1		RED	Blue 1 73
	Orange 2	2			Orange 2 74
	Green 3	3			Green 3 75
	Brown 4	4			Brown 4 76
	Slate 5	5	LCF-ED-012a, FIBER 7		Slate 5 77
	White 6	6	LCF-ED-012a, FIBER 8		White 6 78
	Red 7	7			Red 7 79
	Black 8	8			Black 8 80
	Yellow 9	9			Yellow 9 81
	Violet 10	10			Violet 10 82
	Rose 11	11	LCF-ED-012a, FIBER 3		Rose 11 83
	Aqua 12	12	LCF-ED-012a, FIBER 4		Aqua 12 84
ORANGE	Blue 1	13		BLACK	Blue 1 85
	Orange 2	14			Orange 2 86
	Green 3	15			Green 3 87
	Brown 4	16			Brown 4 88
	Slate 5	17			Slate 5 89
	White 6	18			White 6 90
	Red 7	19			Red 7 91
	Black 8	20			Black 8 92
	Yellow 9	21			Yellow 9 93
	Violet 10	22			Violet 10 94
	Rose 11	23			Rose 11 95
	Aqua 12	24			Aqua 12 96
GREEN	Blue 1	25		YELLOW	Blue 1 97
	Orange 2	26			Orange 2 98
	Green 3	27			Green 3 99
	Brown 4	28			Brown 4 100
	Slate 5	29			Slate 5 101
	White 6	30			White 6 102
	Red 7	31			Red 7 103
	Black 8	32			Black 8 104
	Yellow 9	33			Yellow 9 105
	Violet 10	34			Violet 10 106
	Rose 11	35			Rose 11 107
	Aqua 12	36			Aqua 12 108
BROWN	Blue 1	37		VIOLET	Blue 1 109
	Orange 2	38			Orange 2 110
	Green 3	39			Green 3 111
	Brown 4	40			Brown 4 112
	Slate 5	41			Slate 5 113
	White 6	42			White 6 114
	Red 7	43			Red 7 115
	Black 8	44			Black 8 116
	Yellow 9	45			Yellow 9 117
	Violet 10	46			Violet 10 118
	Rose 11	47			Rose 11 119
	Aqua 12	48			Aqua 12 120
SLATE	Blue 1	49		ROSE	Blue 1 121
	Orange 2	50			Orange 2 122
	Green 3	51			Green 3 123
	Brown 4	52			Brown 4 124
	Slate 5	53			Slate 5 125
	White 6	54			White 6 126
	Red 7	55			Red 7 127
	Black 8	56			Black 8 128
	Yellow 9	57			Yellow 9 129
	Violet 10	58			Violet 10 130
	Rose 11	59			Rose 11 131
	Aqua 12	60			Aqua 12 132
WHITE	Blue 1	61		AQUA	Blue 1 133
	Orange 2	62			Orange 2 134
	Green 3	63			Green 3 135
	Brown 4	64			Brown 4 136
	Slate 5	65			Slate 5 137
	White 6	66			White 6 138
	Red 7	67			Red 7 139
	Black 8	68			Black 8 140
	Yellow 9	69			Yellow 9 141
	Violet 10	70			Violet 10 142
	Rose 11	71			Rose 11 143
	Aqua 12	72			Aqua 12 144

DCF-ED-012 (WB)



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-012B

SCALE: NTS SHEET 37 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	298
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-012D		
DISTRIBUTION CABLE DESIGNATION				DESTINATION	CMV-ED-012B		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1	LCF-ED-012b, FIBER 1	RED	Blue	1	73
	Orange	2	LCF-ED-012b, FIBER 2		Orange	2	74
	Green	3			Green	3	75
	Brown	4			Brown	4	76
	Slate	5			Slate	5	77
	White	6			White	6	78
	Red	7	LCF-ED-012b, FIBER 5		Red	7	79
	Black	8	LCF-ED-012b, FIBER 6		Black	8	80
	Yellow	9			Yellow	9	81
	Violet	10			Violet	10	82
	Rose	11			Rose	11	83
	Aqua	12			Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-012 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-012D		
DISTRIBUTION CABLE DESIGNATION				DESTINATION	CMV-ED-012B		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1	LCF-ED-012b, FIBER 3	RED	Blue	1	73
	Orange	2	LCF-ED-012b, FIBER 4		Orange	2	74
	Green	3			Green	3	75
	Brown	4			Brown	4	76
	Slate	5			Slate	5	77
	White	6			White	6	78
	Red	7	LCF-ED-012b, FIBER 7		Red	7	79
	Black	8	LCF-ED-012b, FIBER 8		Black	8	80
	Yellow	9			Yellow	9	81
	Violet	10			Violet	10	82
	Rose	11			Rose	11	83
	Aqua	12			Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-012 (WB)

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DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-012G		
DISTRIBUTION CABLE DESIGNATION			DCF-ED-012	DESTINATION	CMV-ED-012D		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1		RED	Blue	1	73
	Orange	2			Orange	2	74
	Green	3	LCF-ED-012c, FIBER 1		Green	3	75
	Brown	4	LCF-ED-012c, FIBER 2		Brown	4	76
	Slate	5			Slate	5	77
	White	6			White	6	78
	Red	7			Red	7	79
	Black	8			Black	8	80
	Yellow	9	LCF-ED-012c, FIBER 5		Yellow	9	81
	Violet	10	LCF-ED-012c, FIBER 6		Violet	10	82
	Rose	11			Rose	11	83
	Aqua	12			Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-012 (EB)

DISTRIBUTION CABLE FIBER ASSIGNMENTS				ORIGINATION	CMV-ED-012G		
DISTRIBUTION CABLE DESIGNATION			DCF-ED-012	DESTINATION	CMV-ED-013C		
BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT	BUFFER TUBE	FIBER	FIBER NO.	ASSIGNMENT
BLUE	Blue	1		RED	Blue	1	73
	Orange	2			Orange	2	74
	Green	3	LCF-ED-012c, FIBER 3		Green	3	75
	Brown	4	LCF-ED-012c, FIBER 4		Brown	4	76
	Slate	5			Slate	5	77
	White	6			White	6	78
	Red	7			Red	7	79
	Black	8			Black	8	80
	Yellow	9	LCF-ED-012c, FIBER 7		Yellow	9	81
	Violet	10	LCF-ED-012c, FIBER 8		Violet	10	82
	Rose	11			Rose	11	83
	Aqua	12			Aqua	12	84
ORANGE	Blue	1		BLACK	Blue	1	85
	Orange	2			Orange	2	86
	Green	3			Green	3	87
	Brown	4			Brown	4	88
	Slate	5			Slate	5	89
	White	6			White	6	90
	Red	7			Red	7	91
	Black	8			Black	8	92
	Yellow	9			Yellow	9	93
	Violet	10			Violet	10	94
	Rose	11			Rose	11	95
	Aqua	12			Aqua	12	96
GREEN	Blue	1		YELLOW	Blue	1	97
	Orange	2			Orange	2	98
	Green	3			Green	3	99
	Brown	4			Brown	4	100
	Slate	5			Slate	5	101
	White	6			White	6	102
	Red	7			Red	7	103
	Black	8			Black	8	104
	Yellow	9			Yellow	9	105
	Violet	10			Violet	10	106
	Rose	11			Rose	11	107
	Aqua	12			Aqua	12	108
BROWN	Blue	1		VIOLET	Blue	1	109
	Orange	2			Orange	2	110
	Green	3			Green	3	111
	Brown	4			Brown	4	112
	Slate	5			Slate	5	113
	White	6			White	6	114
	Red	7			Red	7	115
	Black	8			Black	8	116
	Yellow	9			Yellow	9	117
	Violet	10			Violet	10	118
	Rose	11			Rose	11	119
	Aqua	12			Aqua	12	120
SLATE	Blue	1		ROSE	Blue	1	121
	Orange	2			Orange	2	122
	Green	3			Green	3	123
	Brown	4			Brown	4	124
	Slate	5			Slate	5	125
	White	6			White	6	126
	Red	7			Red	7	127
	Black	8			Black	8	128
	Yellow	9			Yellow	9	129
	Violet	10			Violet	10	130
	Rose	11			Rose	11	131
	Aqua	12			Aqua	12	132
WHITE	Blue	1		AQUA	Blue	1	133
	Orange	2			Orange	2	134
	Green	3			Green	3	135
	Brown	4			Brown	4	136
	Slate	5			Slate	5	137
	White	6			White	6	138
	Red	7			Red	7	139
	Black	8			Black	8	140
	Yellow	9			Yellow	9	141
	Violet	10			Violet	10	142
	Rose	11			Rose	11	143
	Aqua	12			Aqua	12	144

DCF-ED-012 (WB)

SPL-39



USER NAME = zvolanjj	DESIGNED - JJZ	REVISED -
	DRAWN - NG	REVISED -
PLOT SCALE =	CHECKED - DAD	REVISED -
PLOT DATE = 2/27/2020	DATE - 02/28/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRIBUTION CABLE FIBER ASSIGNMENTS
CMV-ED-012G

SCALE: NTS SHEET 39 OF 70 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2016-068I	COOK/LAKE	388	300
CONTRACT NO. 62079				
ILLINOIS FED. AID PROJECT				