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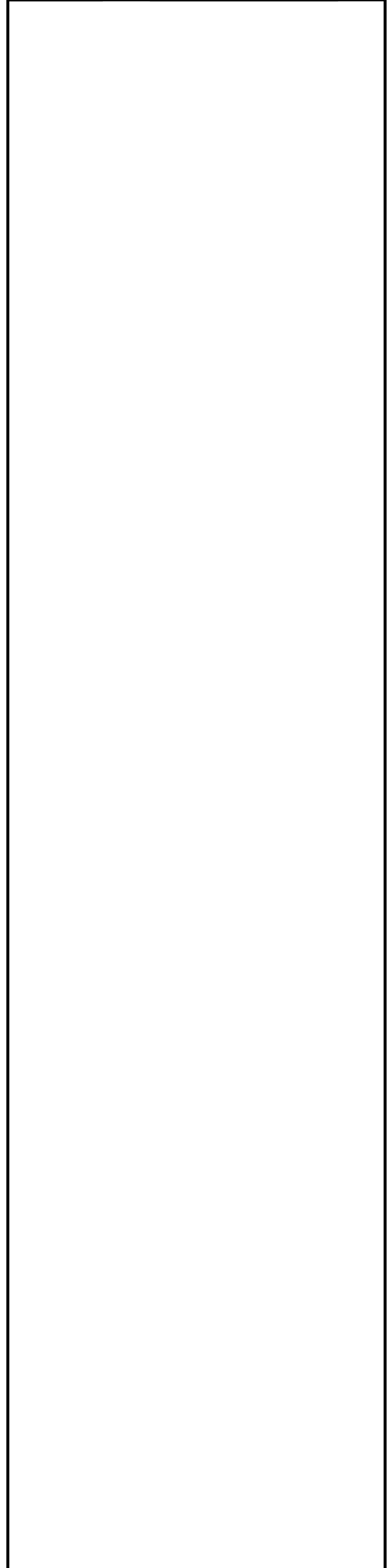
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KIMLEY-HORN & ASSOCIATES
6750 POPAR AVE. SUITE 600
MEMPHIS, TN 38138
DOUGLAS SWETT, P.E. 114211

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE OF TENN. CODE ANN. §62-2-306.

SHEET NAME	SHEET NO.
ITS SIGNATURE SHEET.....	ITS-SIGN
ITS SHEET INDEX AND STANDARD DRAWINGS.....	1A
ESTIMATED ITS QUANTITIES.....	2
ITS TABULATED QUANTITIES.....	2F
KEY LAYOUT.....	ITS-1
COMMUNICATIONS CHANNEL SCHEMATIC.....	ITS-2
COMMUNICATIONS CABLE SCHEMATIC.....	ITS-3
INTERCONNECT LAYOUT.....	ITS-4 – ITS-9
TEMPORARY ITS LAYOUT (WIRELESS RADIO CONNECTION CITY OF MEMPHIS).....	ITS-10 – ITS-11
SPLICE DIAGRAM.....	ITS-12 – ITS-16

YEAR	PROJECT NO.	SHEET NO.
PIH	STP/NH-4(6)	ITS-SIGN



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**ITS
SIGNATURE
SHEET**

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	1A

INDEX OF SHEETS

SHEET NAME	SHEET NO.
ITS SIGNATURE SHEET.....	ITS-SIGN
ITS SHEET INDEX AND STANDARD DRAWINGS.....	1A
ESTIMATED ITS QUANTITIES.....	2
ITS TABULATED QUANTITIES.....	2F
INTERCONNECT LAYOUT.....	ITS-1 – ITS-6
TEMPORARY ITS LAYOUT (WIRELESS RADIO CONNECTION CITY OF MEMPHIS).....	ITS-7 – ITS-8
NOTE: THE ALPHABETICAL LETTERS "I", "O" & "Q" ARE NOT USED IN THE NUMBERING OF SHEETS.	

STANDARD DRAWINGS

STANDARD ROADWAY DRAWINGS

10-100.00 STANDARD ROADWAY TITLE SHEET, ABBREVIATIONS, AND LEGENDS

RD-A-1	02-20-20	STANDARD ABBREVIATIONS A THROUGH L
RD-A-2		STANDARD ABBREVIATIONS M THROUGH Z
RD-L-1	02-20-20	STANDARD LEGEND
RD-L-1A		STANDARD LEGEND
RD-L-2	02-20-20	STANDARD LEGEND FOR UTILITY INSTALLATIONS

STANDARD TRAFFIC DESIGN DRAWINGS

10-201.00 SIGNALS

T-SG-1	06-27-16	WOOD POLE DETAILS FOR SPAN MOUNTED SIGNALS
T-SG-2	06-27-16	LOOP LEAD-INS, CONDUIT AND PULL BOXES
T-SG-3	07-11-17	STANDARD NOTES AND DETAILS OF INDUCTIVE LOOPS
T-SG-4	06-27-16	SPAN WIRE AND MESSENGER CABLE DETAILS
T-SG-5	06-27-16	CONTROLLER CABINET DETAILS
T-SG-8	06-27-16	STRAIN POLE DETAILS FOR SPAN MOUNTED SIGNALS
T-SG-9	07-15-24	DETAILS OF CANTILEVER SIGNAL SUPPORT
T-SG-9A	07-12-17	MISCELLANEOUS SIGNAL DETAILS
T-SG-10	09-12-23	MAST ARM POLE AND STRAIN POLES FOUNDATION DETAILS
T-SG-11	07-12-17	MAINTENANCE OF EXISTING SIGNALS DURING HIGHWAY CONSTRUCTION

10-202.00 LIGHTING AND UTILITY POLES

T-FO-1		FIBER OPTIC AERIAL ENTRANCE DETAILS
T-FO-2		FIBER OPTIC UNDERGROUND ENTRANCE DETAILS
T-FO-3		FIBER OPTIC AERIAL CONNECTION DETAILS
T-FO-4		FIBER OPTIC PULL BOX, CABINET & POLE DETAILS

PULL BOX LEGEND	
A	PULLBOX TYPE A
B	PULLBOX TYPE B

**PLAN
IN
HAND**

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COORDINATES ARE NAD 83(1983), ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

ITS
SHEET INDEX
AND STANDARD
DRAWINGS

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	2

ITS QUANTITIES				
FOOT-NOTE	ITEM NO.	DESCRIPTION	UNIT	QUANTITY
	725-21.11	NETWORK SWITCH (TYPE A)	EACH	4
(3)	725-21.16	ETHERNET BRIDGE	EACH	8
	725-21.32	ETHERNET CABLE (CAT 6, SHIELDED)	L.F.	146
(1)	725.22-73	2IN STRUCTURE CONDUIT	L.F.	770
(2)	725-24.01	CABINET (TYPE A)	EACH	4
	730-03.23	INSTALL PULL BOX (FIBER OPTIC-TYPE A)	EACH	24
	730-03.24	INSTALL PULL BOX (FIBER OPTIC-TYPE B)	EACH	9
	730-03.33	FIBER OPTIC SPLICE FUSION	EACH	420
	730-03.36	FIBER SPLICE ENCLOSURE (WEATHERPROOF)	EACH	9
	730-03.41	ETHERNET SWITCH (FIELD LAYER 2)	EACH	4
	730-03.53	FIBER OPTIC CABLE (36 F)	L.F.	21400
	730-03.55	FIBER OPTIC DROP CABLE (6F)	L.F.	1360
	730-11.10	RISER ASSEMBLY (2" W/ WEATHERHEAD)	EACH	4
	730-12.02	CONDUIT 2" DIAMETER (PVC SCHEDULE 40)	L.F.	9820
	730-12.23	CONDUIT 2" DIAMETER (DIRECTIONAL BORE)	L.F.	1421
(2)	730-21.03	WOOD POLE (SIGNAL SUPPORT) CLASS 3, 45' LENGTH	EACH	4
(4)	920-10.01	POE INJECTOR	EACH	10

FOOTNOTES	
(1)	UNDERBRIDGE HANGER SYSTEM AND JUNCTION BOXES SHALL BE INCIDENTAL TO THE FINAL CONDUIT QUANTITY.
(2)	WOOD POLE, ETHERNET BRIDGE, AND TYPE A CABINET ITEMS TO BE USED DURING CONSTRUCTION PHASE AT THE INTERSECTION OF LAMAR AVENUE AND WINCHESTER ROAD TO MAINTAIN CITY OF MEMPHIS TRAFFIC SIGNAL COMMUNICATION ALONG WINCHESTER ROAD. TWO ETHERNET SWITCHES TO BE USED IN THE TYPE A CABINETS FOR CONSTRUCTION PHASE. TYPE A CABINETS TO INCLUDE FIBER DISTRIBUTION BOXES AND POE INJECTORS.
(3)	SEE SECTION 02890, SUBSECTION 303 OF THE CITY OF MEMPHIS STANDARD CONSTRUCTION SPECIFICATIONS FOR DETAILS.
(4)	SEE SECTION 02890, SUBSECTION 302 OF THE CITY OF MEMPHIS STANDARD CONSTRUCTION SPECIFICATIONS FOR DETAILS.

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**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**ESTIMATED
ITS
QUANTITIES**

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	2F

ESTIMATED ITS QUANTITIES BY SHEET

ITEM NO.	DESCRIPTION	UNIT	SHEET NO.													TOTAL QUANTITY
			ITS-4	ITS-5	ITS-6	ITS-7	ITS-8	ITS-9	ITS-10	ITS-11	ITS-12	ITS-13	ITS-14	ITS-15	ITS-16	
725-21.11	NETWORK SWITCH (TYPE A)	EACH							1	3						4
725-21.16	ETHERNET BRIDGE	EACH							3	5						8
725-21.32	ETHERNET CABLE (CAT 6, SHIELDED)	L.F.							146							146
725.22-73	2IN STRUCTURE CONDUIT	L.F.	330	440												770
725-24.01	CABINET (TYPE A)	EACH							1	3						4
730-03.23	INSTALL PULL BOX (FIBER OPTIC-TYPE A)	EACH	5	4	6	4	3	2								24
730-03.24	INSTALL PULL BOX (FIBER OPTIC-TYPE B)	EACH	2	1	3	1	1	1								9
730-03.33	FIBER OPTIC SPLICE FUSION	EACH									100	72	24	80	144	420
730-03.36	FIBER SPLICE ENCLOSURE (WEATHERPROOF)	EACH	2	1	3	1	1	1								9
730-03.41	ETHERNET SWITCH (FIELD LAYER 2)	EACH							1	3						4
730-03.53	FIBER OPTIC CABLE (36 F)	L.F.	4300	5010	5580	5510		1000								21400
730-03.55	FIBER OPTIC DROP CABLE (6F)	L.F.	550	25	110	10	665									1360
730-11.10	RISER ASSEMBLY (2" W/ WEATHERHEAD)	EACH							1	3						4
730-12.02	CONDUIT 2" DIAMETER (PVC SCHEDULE 40)	L.F.	2213	2105	2585	2337	580									9820
730-12.23	CONDUIT 2" DIAMETER (DIRECTIONAL BORE)	L.F.	100		498	238	85	500								1421
730-21.03	WOOD POLE (SIGNAL SUPPORT) CLASS 3, 45' LENGTH	EACH							1	3						4
920-10.01	POE INJECTOR	EACH							4	6						10

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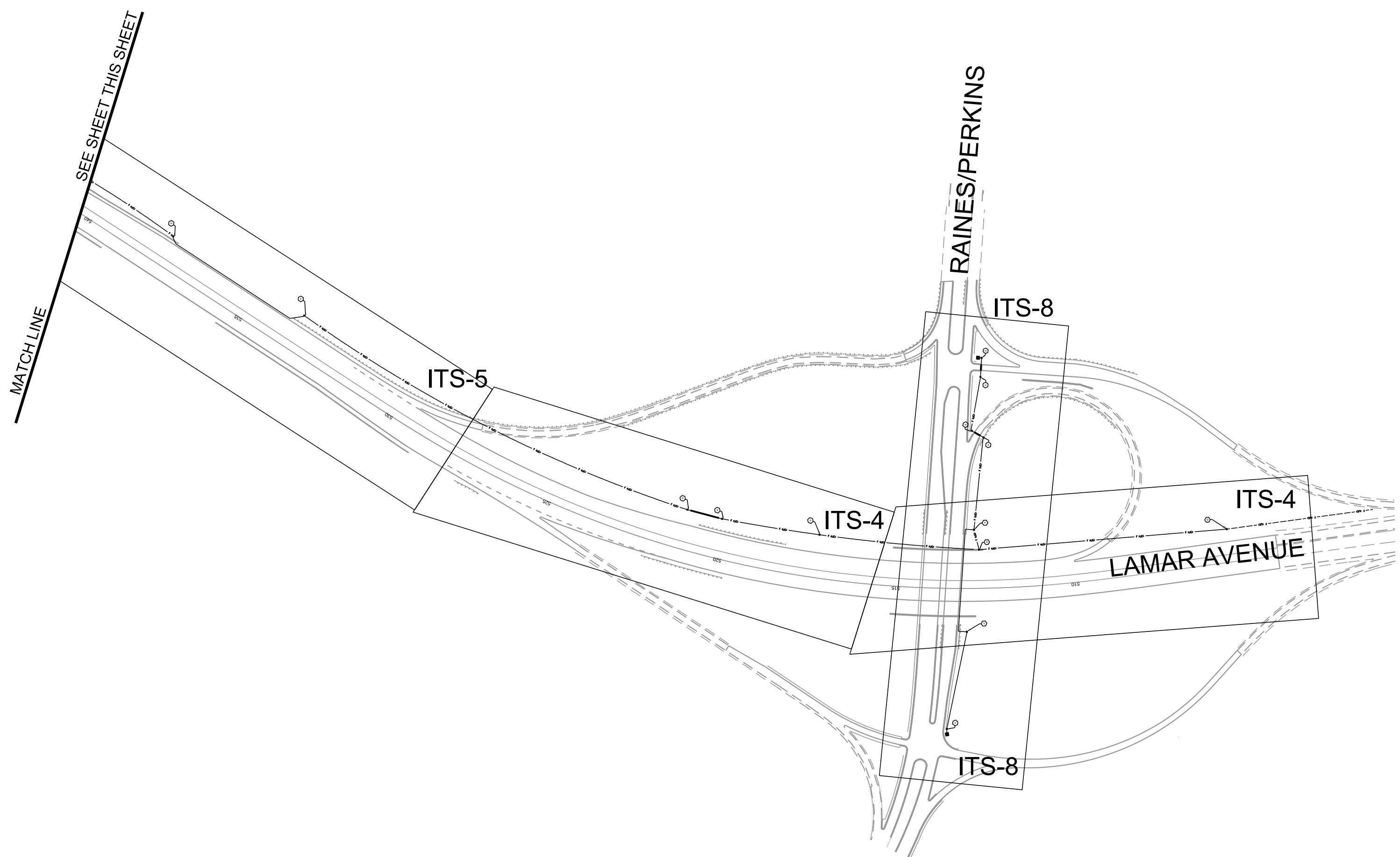
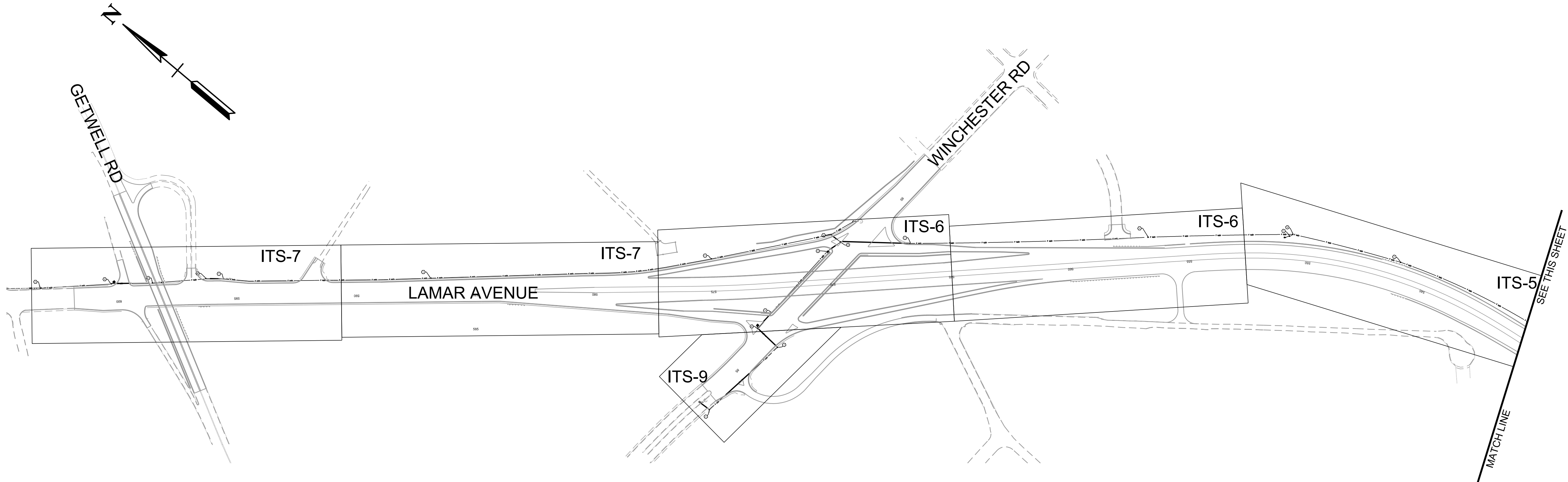
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**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

**ITS
TABULATED
QUANTITIES**

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	ITS-1



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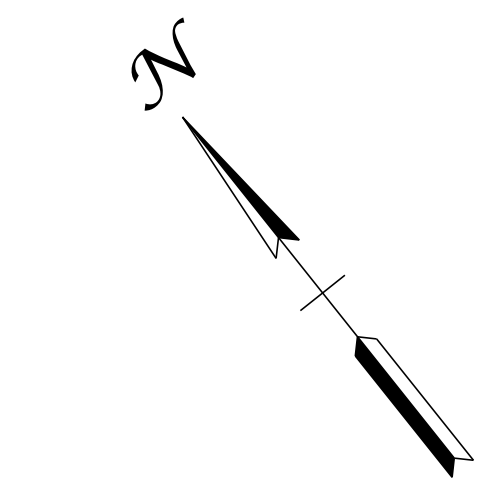
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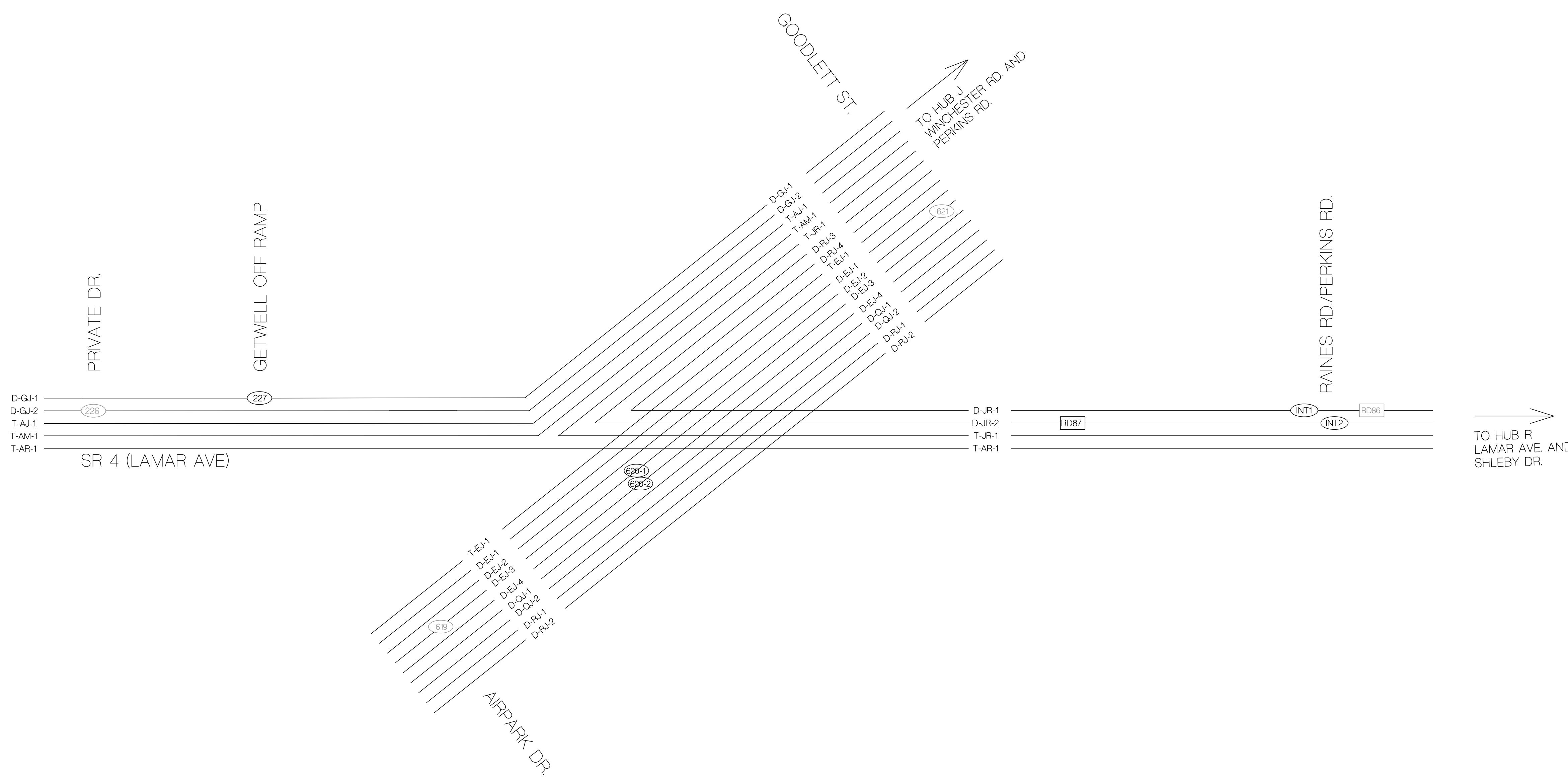
KEY LAYOUT

SCALE: 1"=250'

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	ITS-2



TO HUB G
LAMAR AVE. AND
AIRWAYS BLVD.



NOTES

- THIS SCHEMATIC IS AN OVERVIEW OF THE BACKBONE NETWORK AND FIELD SUB-NETWORK TOPOLOGY. THE PURPOSE IS TO SHOW THE COMMUNICATION CHANNEL ASSIGNMENT AND THE UPSTREAM/DOWNSTREAM RELATIONSHIP OF THE LOCAL CONTROLLERS.
- ALL SPLICE ENCLOSURES AND DROP CABLES ARE NOT SHOWN. SEE COMMUNICATION CABLE SCHEMATIC SHEET FOR CABLE AND SPLICE ENCLOSURE DETAILS. SEE SPLICE DIAGRAMS FOR SPLICING DETAILS AND FIBER STRANDS IN USE.
- EACH LINE SHOWN ON THIS SCHEMATIC REPRESENTS TWO STRANDS OF FIBERS (TRANSMIT AND RECEIVE).

4. COMMUNICATION CHANNELS ARE NAMED BY THE FOLLOWING CONVENTION:

CHANNEL TYPE	FROM HUB ID	TO HUB ID	CHANNEL SEQUENCE
—	—	—	—

CHANNELTYPE:
 T - BACKBONE CHANNEL FOR HUB TO HUB COMMUNICATIONS
 D - DISTRIBUTION CHANNEL FOR FIELD DEVICE COMMUNICATIONS

EXAMPLE:
 T-CJ-1 BACKBONE CHANNEL #1 FROM HUB G TO J
 D-JM-2 DISTRIBUTION CHANNEL #2 FROM HUB J TO M

PLAN
IN
HAND

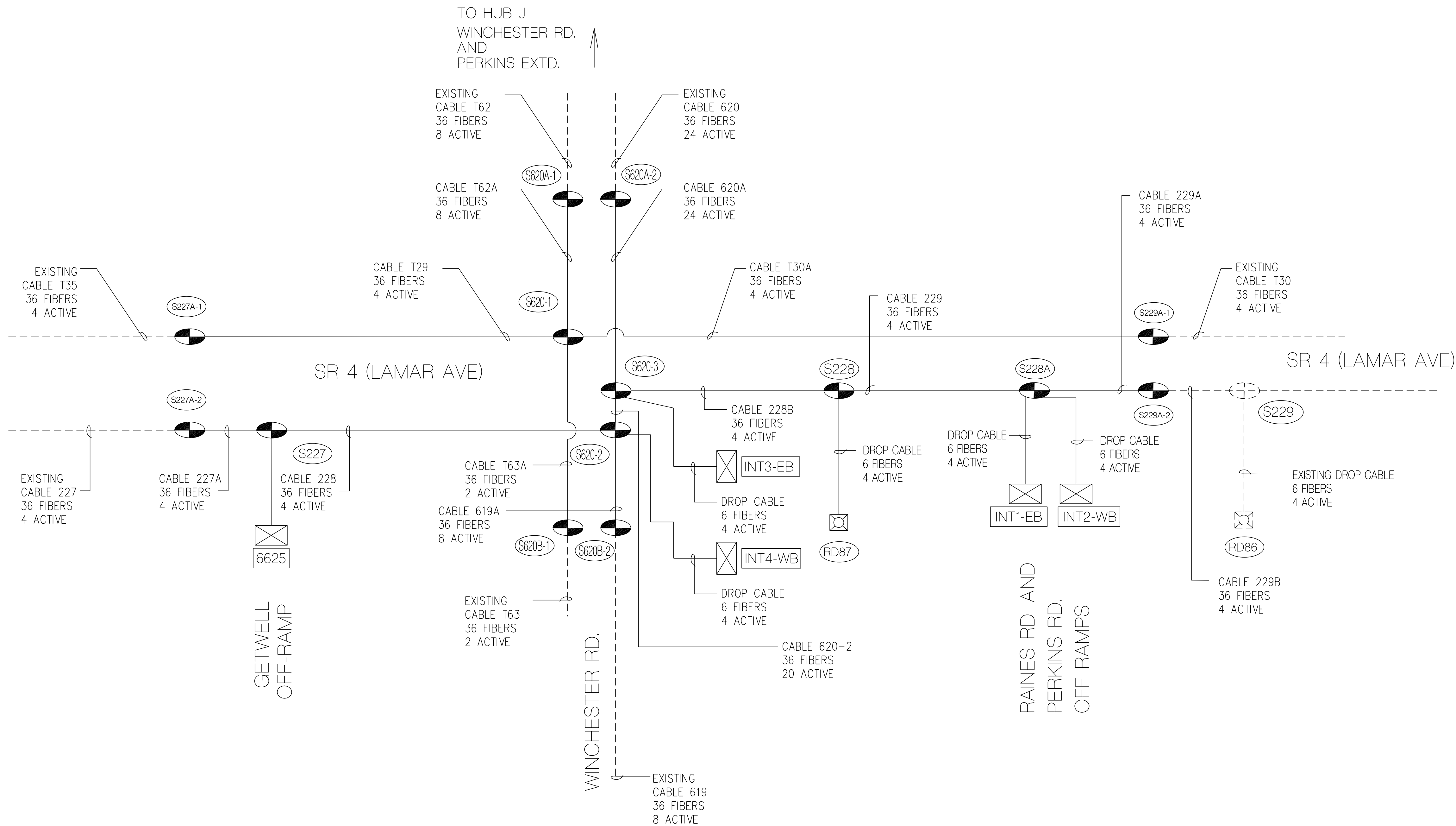
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DEPARTMENT OF TRANSPORTATION**

**COMMUNICATIONS
CHANNEL SCHEMATIC**

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	ITS-3



**PLAN
IN
HAND**

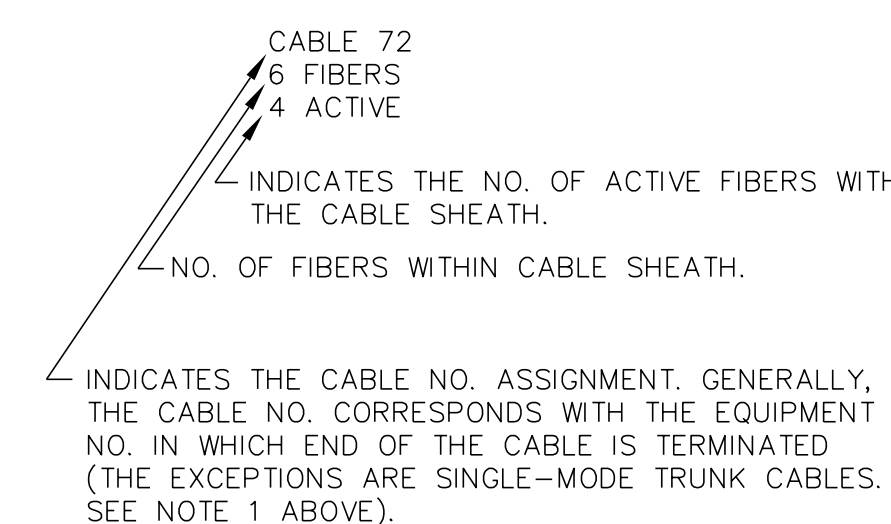
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COMMUNICATIONS
CABLE SCHEMATIC

NOTES:

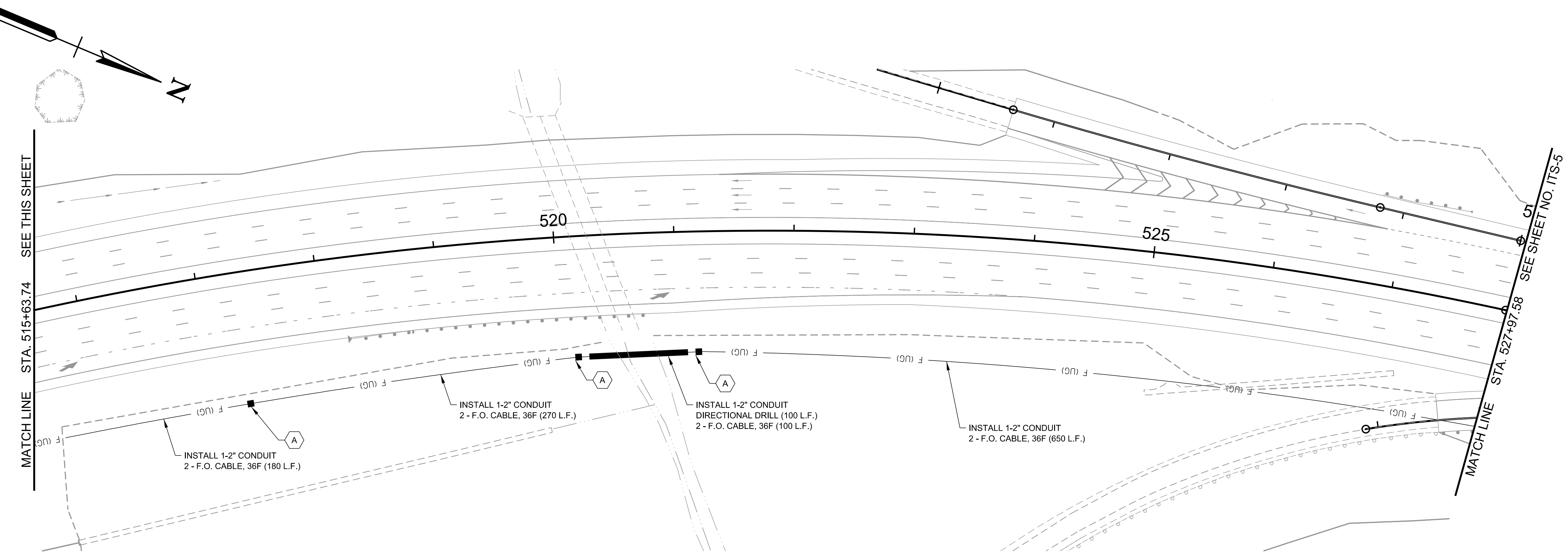
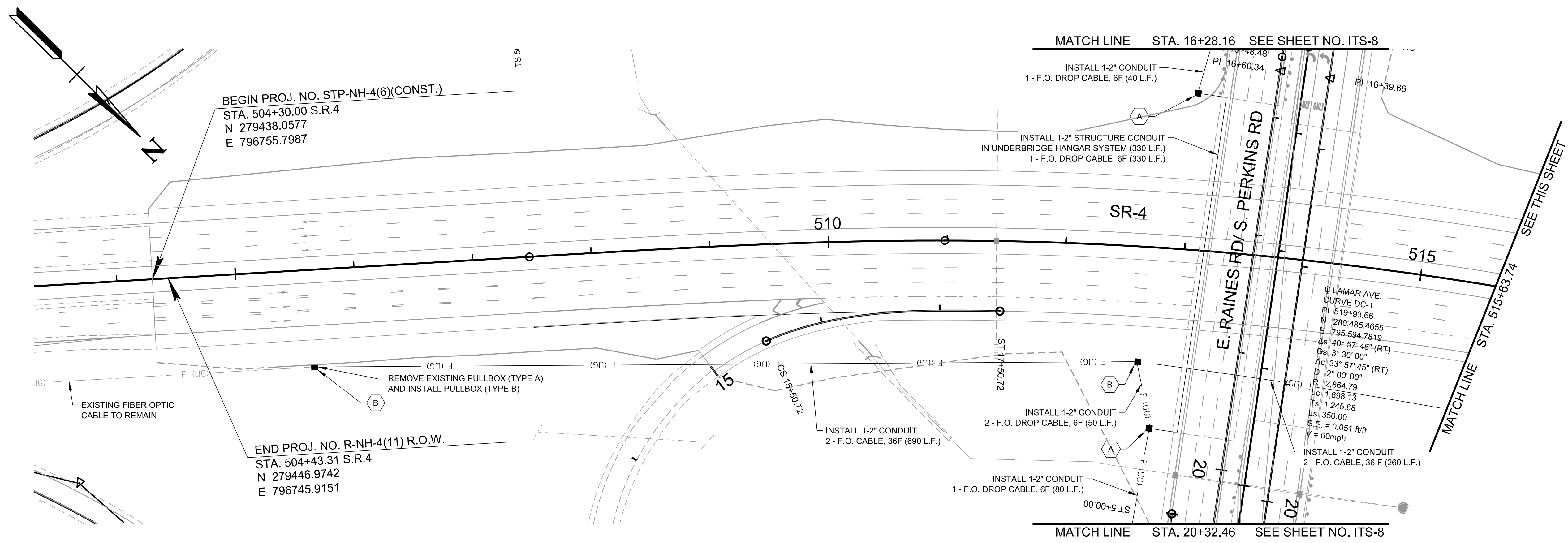
- CABLES WITH THE "T" PREFIX (E.G., CABLE T9) ARE THE SINGLE-MODE TRUNKLINE CABLES. ALL OTHER CABLES ARE SINGLE-MODE POINT TO POINT COMMUNICATIONS CABLES.
- CABLE IDENTIFICATION IS AS SHOWN IN THE FOLLOWING EXAMPLE:

- INTERMEDIATE FIBER PULL BOXES ARE NOT SHOWN ON THIS SCHEMATIC.

LEGEND:

	EXISTING	PROPOSED
PEDESTAL MOUNTED CONTROLLER CABINET		
BASE MOUNTED HUB CABINET		
SPLICE ENCLOSURE		
EQUIPMENT/CABINET REFERENCE DESIGNER		
INTERSECTION ID NUMBER		

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	ITS-1
PIH	2026	STP/NH-4(6)	ITS-4



**PLAN
IN
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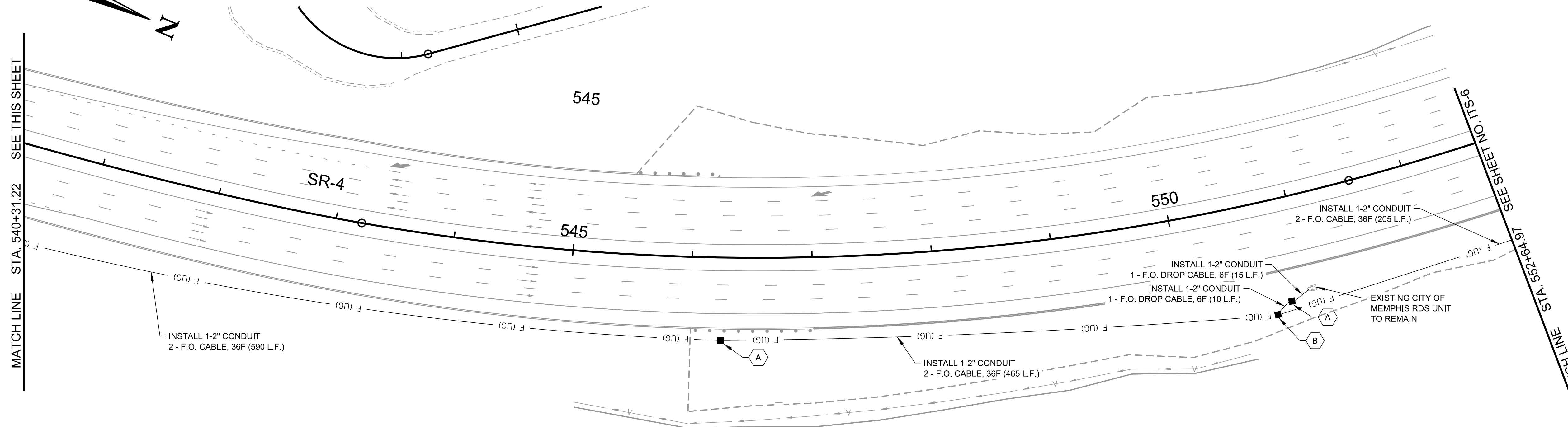
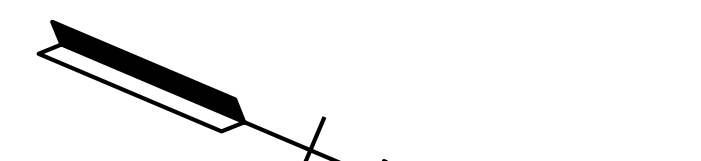
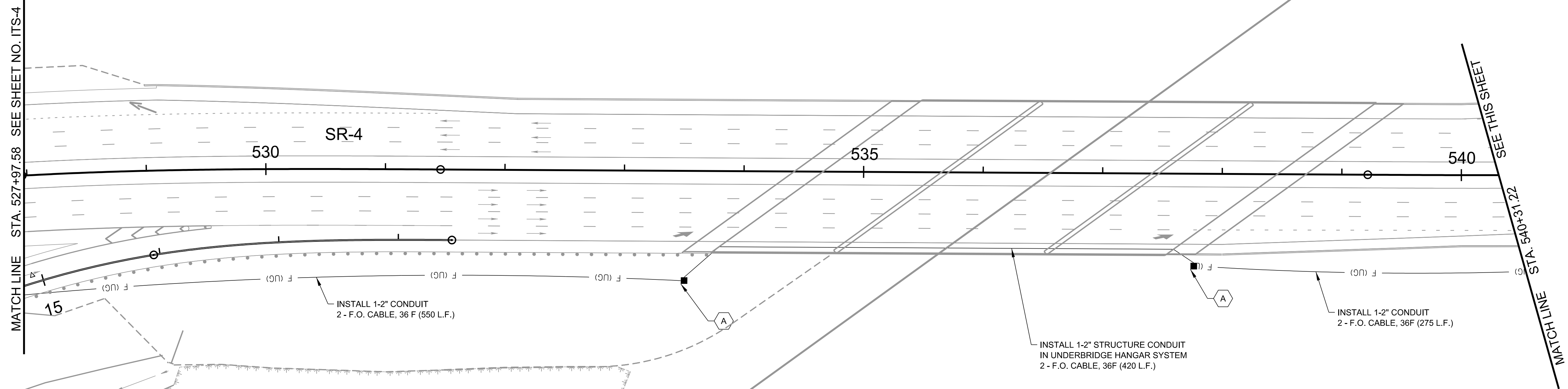
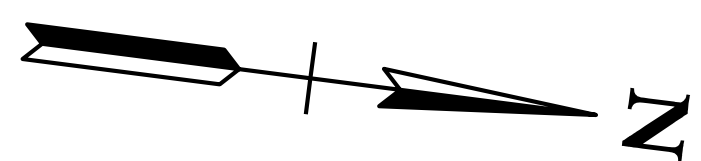
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**INTERCONNECT
LAYOUT**
 STA.504+30.00 TO STA.527+97.58
 SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	ITS-2
PIH	2026	STP/NH-4(6)	ITS-5



**PLAN
IN
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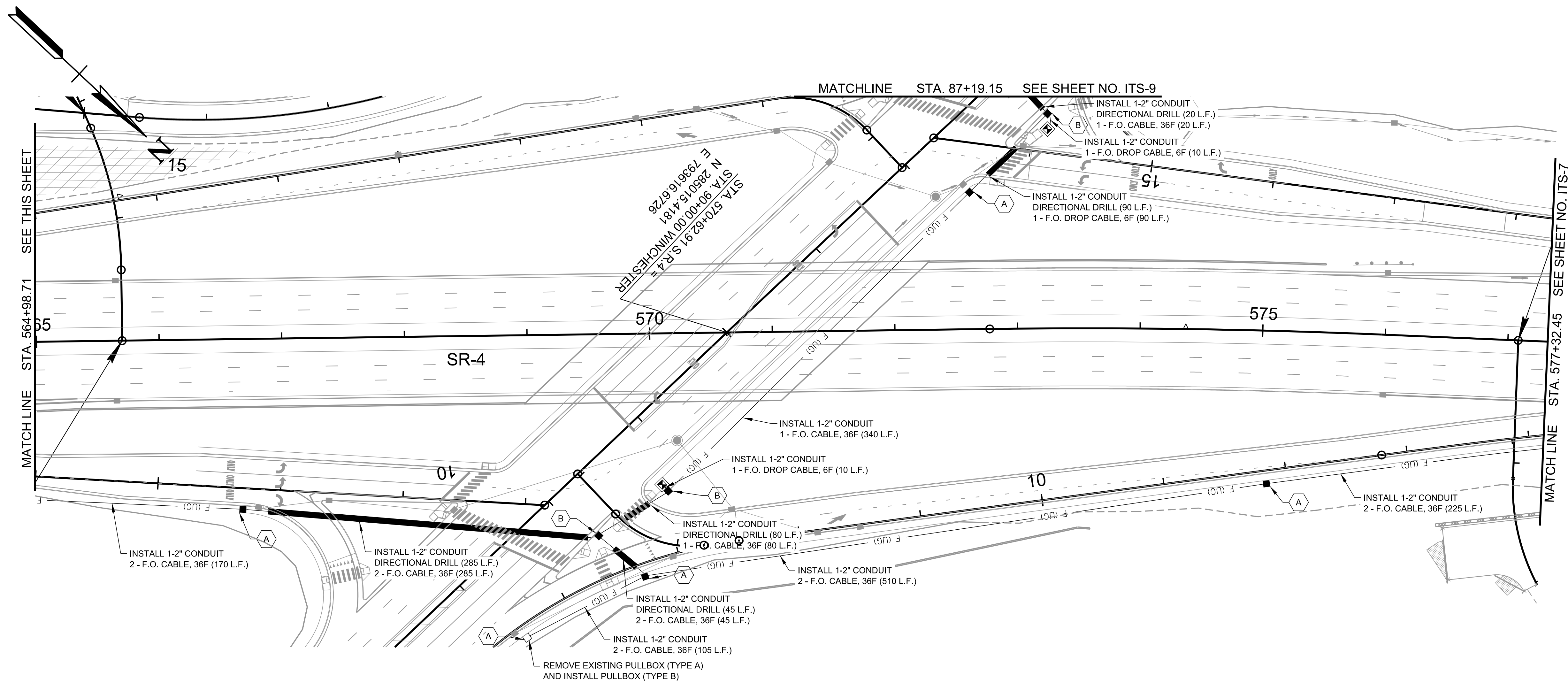
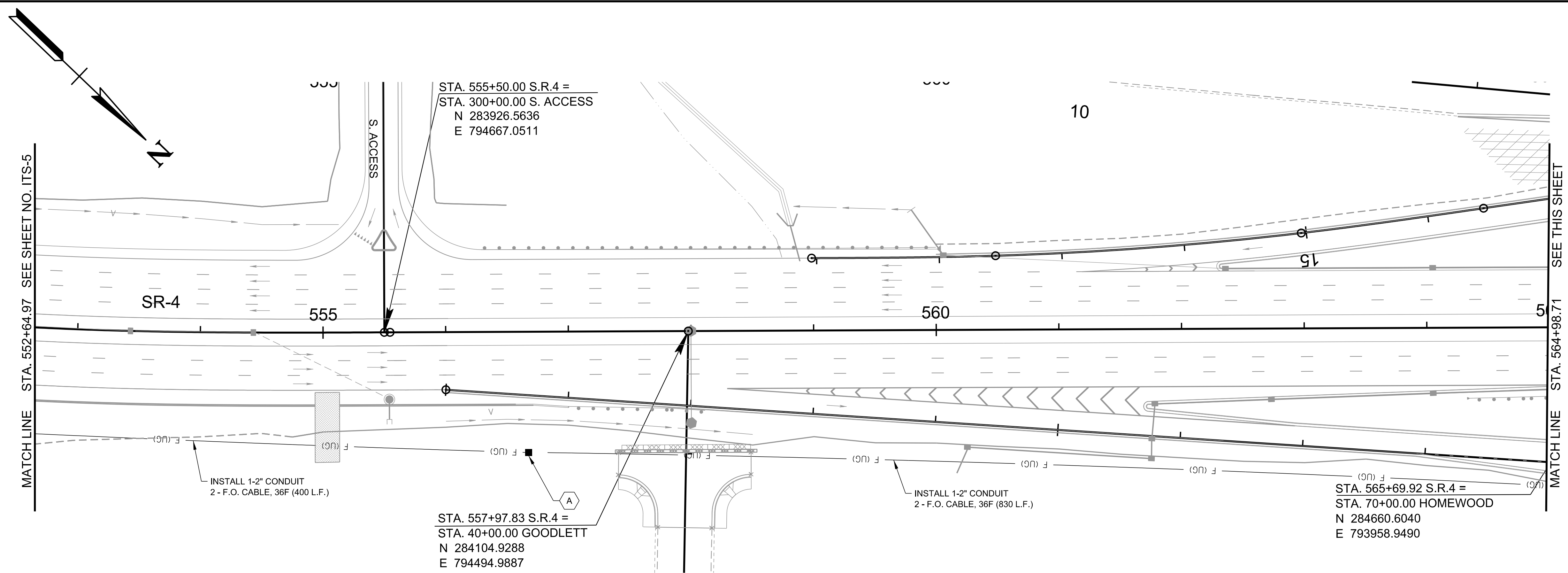
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DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT
LAYOUT**

STA.527+97.58 TO STA.552+64.97
 SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	ITS-3
PIH	2026	STP/NH-4(6)	ITS-6



PLAN
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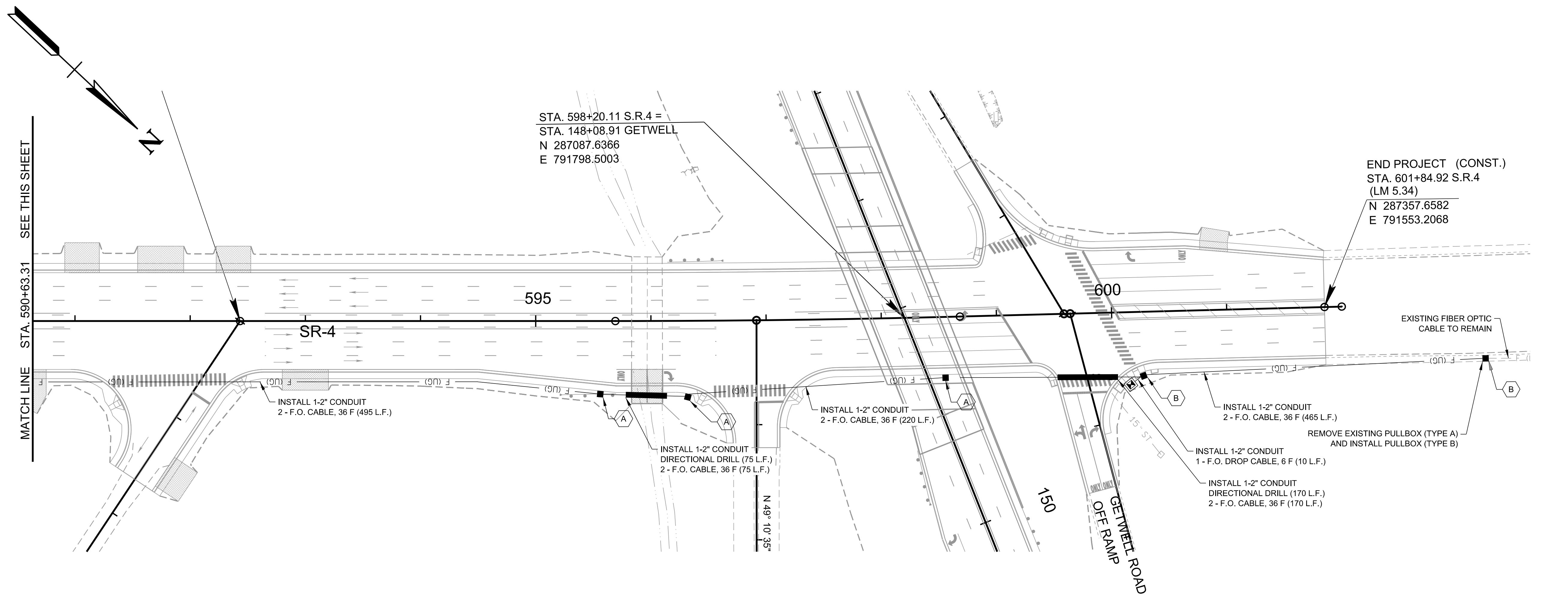
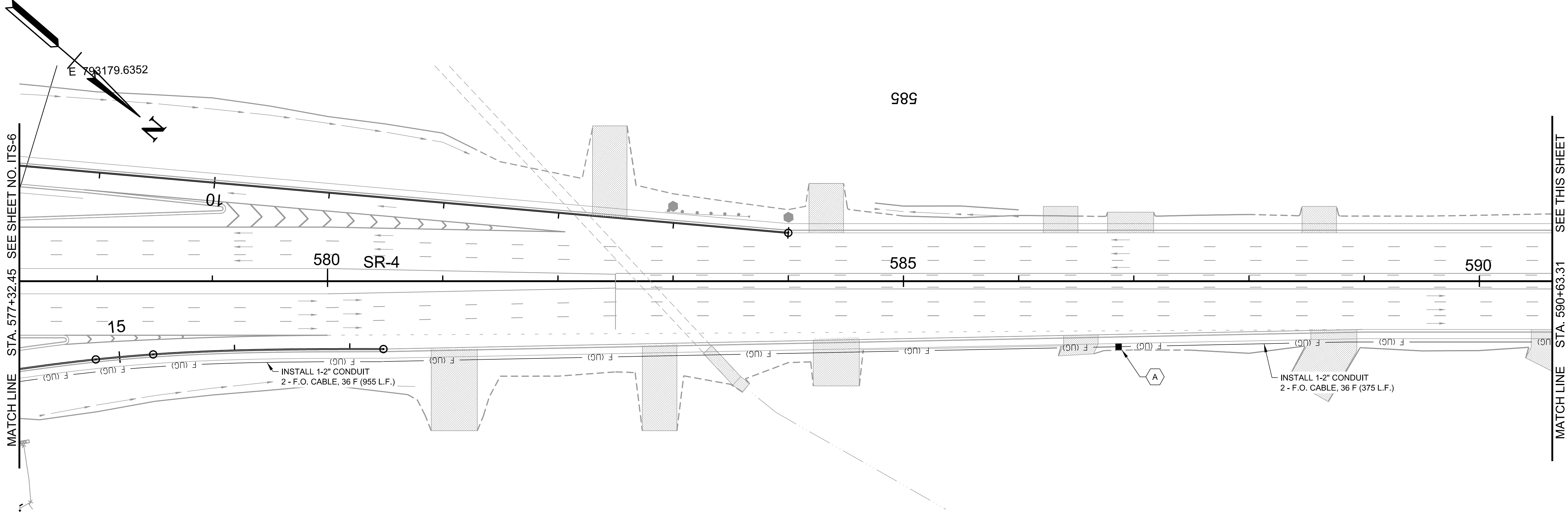
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INTERCONNECT
 LAYOUT

STA.552+64.97 TO STA.577+32.45
 SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	ITS-4
PIH	2026	STP/NH-4(6)	ITS-7



**PLAN
IN
HAND**

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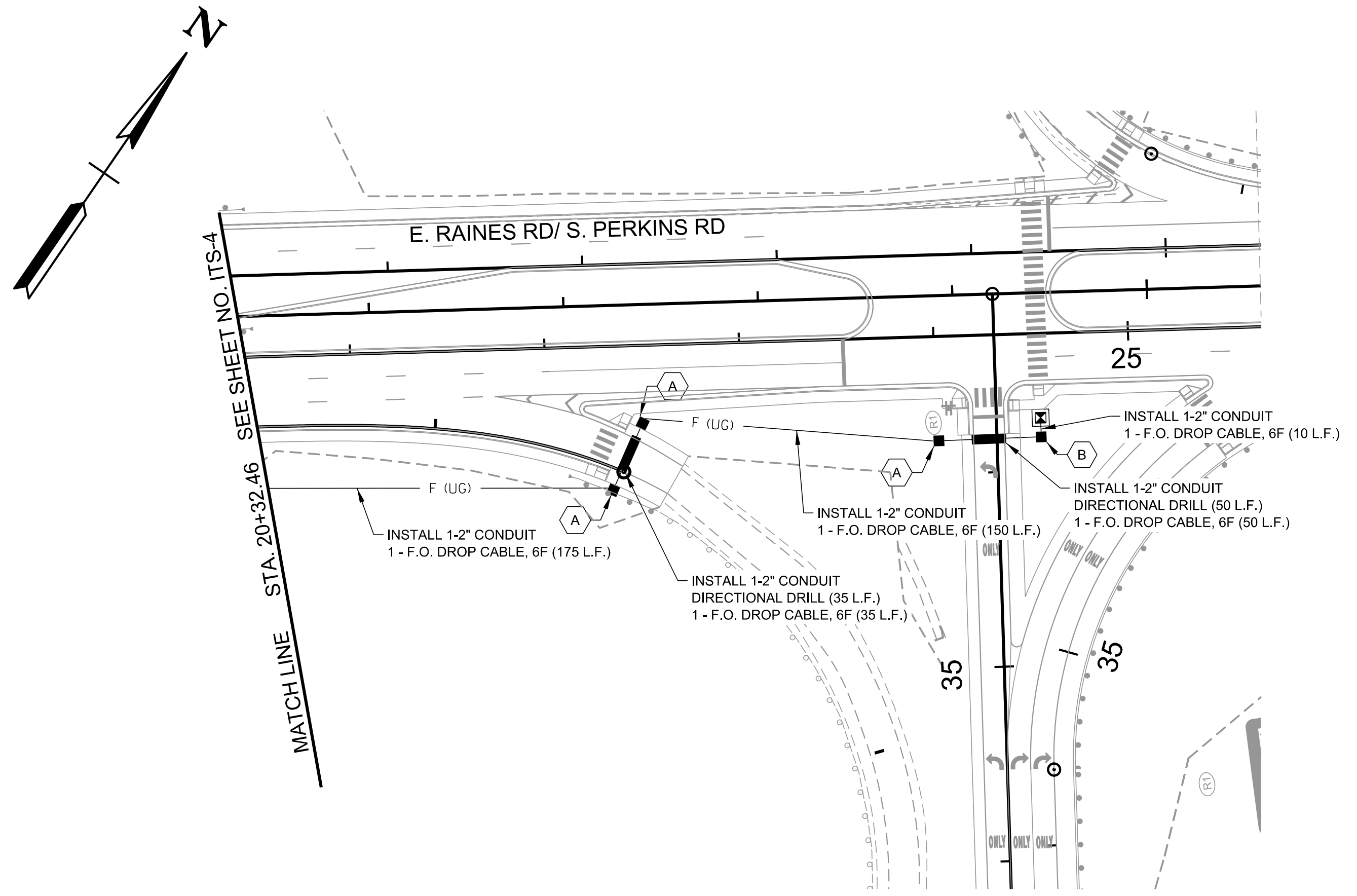
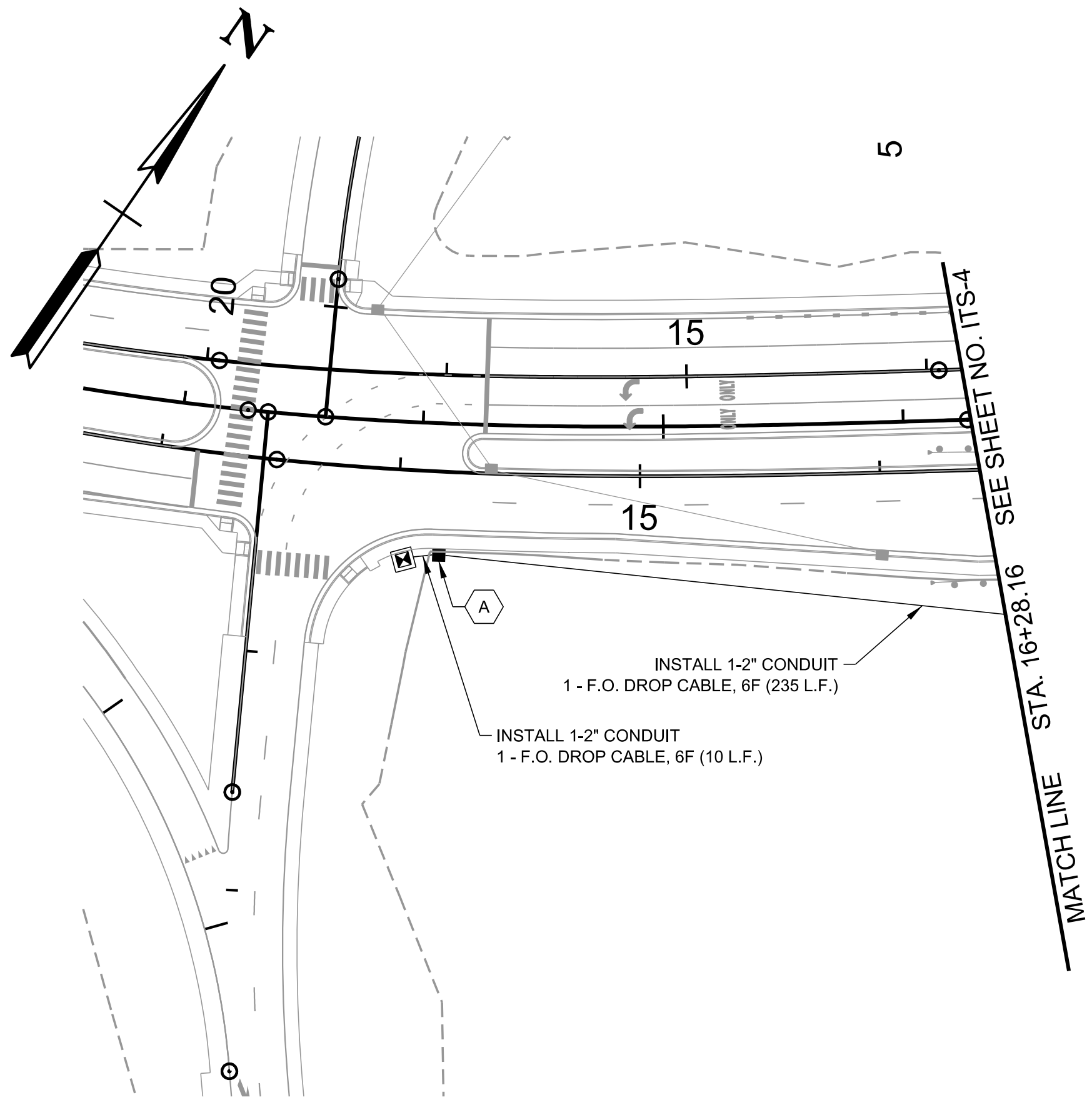
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**INTERCONNECT
LAYOUT**

STA.577+32.45 TO STA.601+99.93
SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	ITS-5
PIH	2026	STP/NH-4(6)	ITS-8



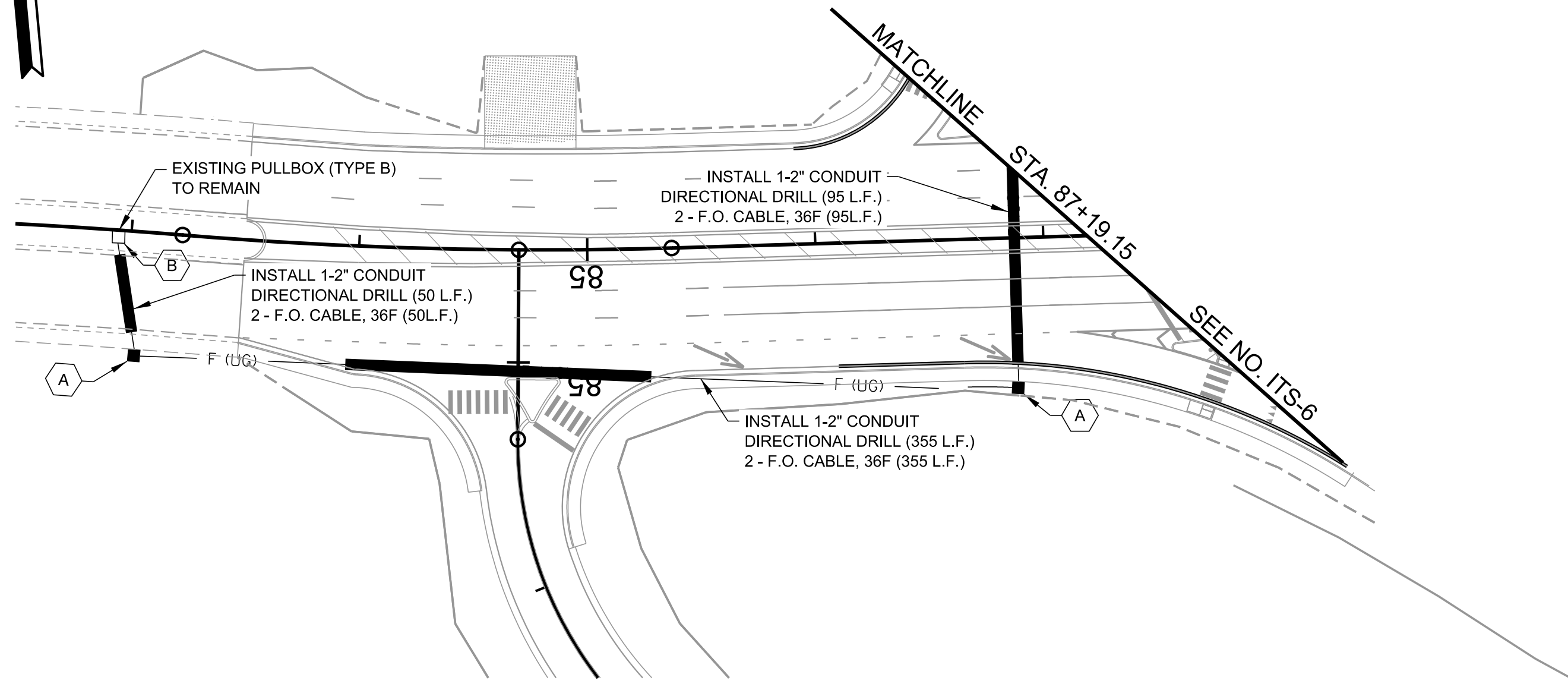
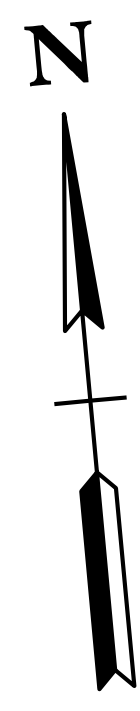
**PLAN
IN
HAND**

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DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT
LAYOUT**
 STA.12+57.48 TO STA.16+28.16
 STA.20+32.46 TO STA.25+58.76
 SCALE: 1"=50'

TYPE	YEAR	PROJECT NO.	SHEET NO.
ROW	2020	STP/NH-4(6)	ITS-6
PIH	2026	STP/NH-4(6)	ITS-9



PLAN
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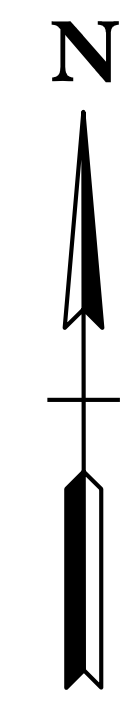
**STATE OF TENNESSEE
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**INTERCONNECT
 LAYOUT**
 STA.82+31.87 TO STA.87+19.15
 SCALE: 1"=50'

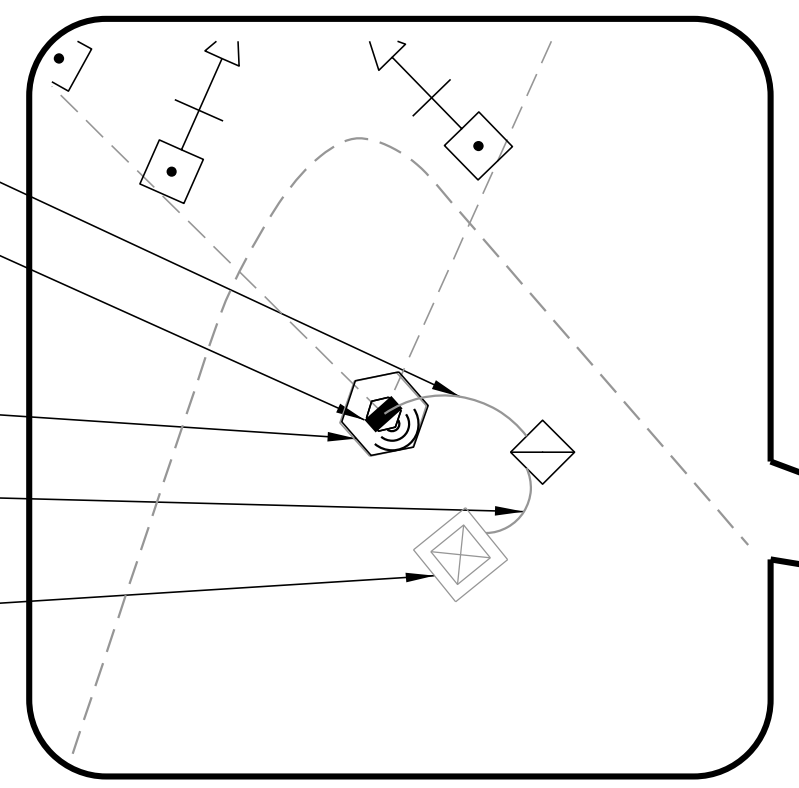
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PIH	2026	STP/NH-4(6)	ITS-10

LEGEND

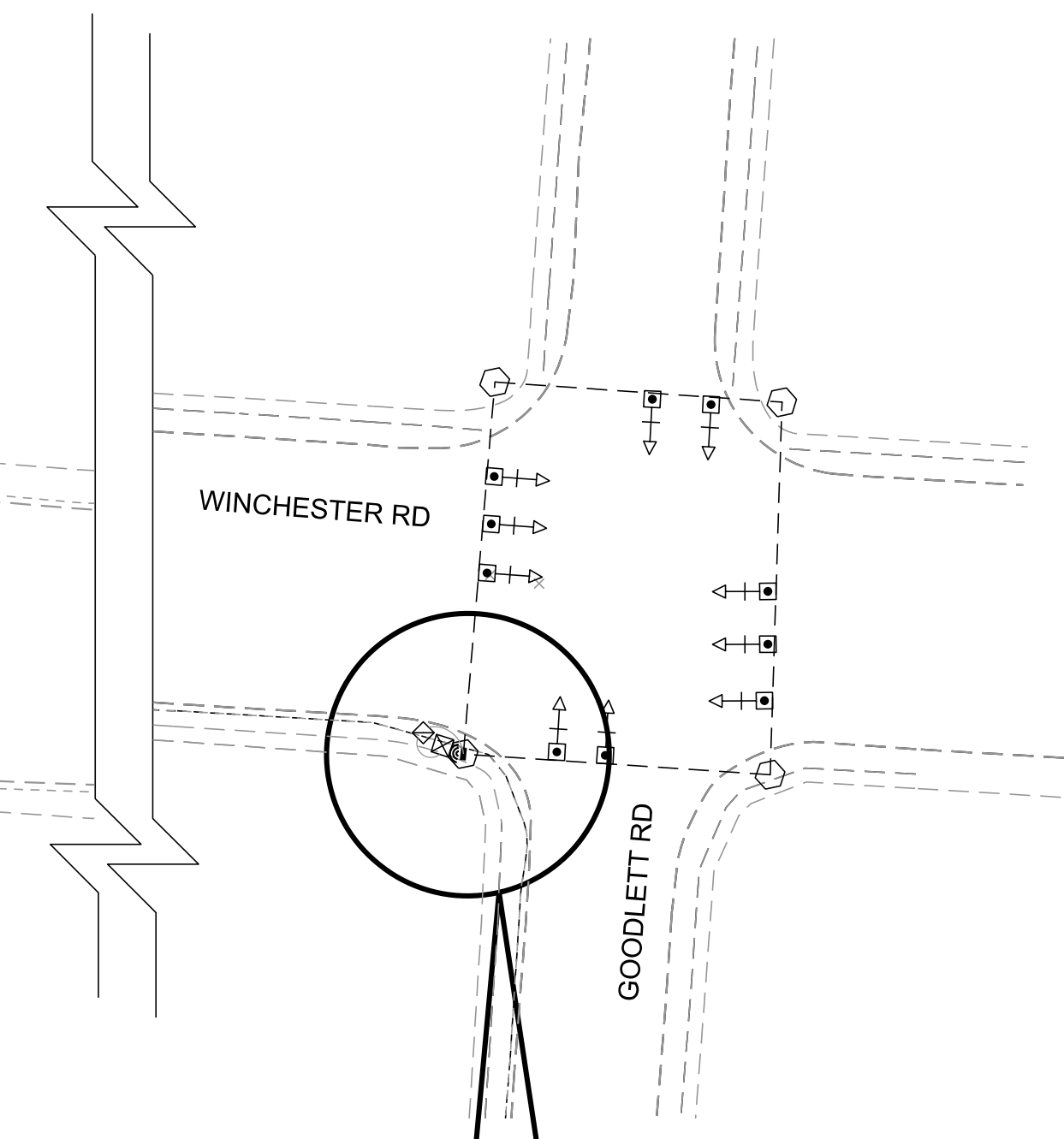
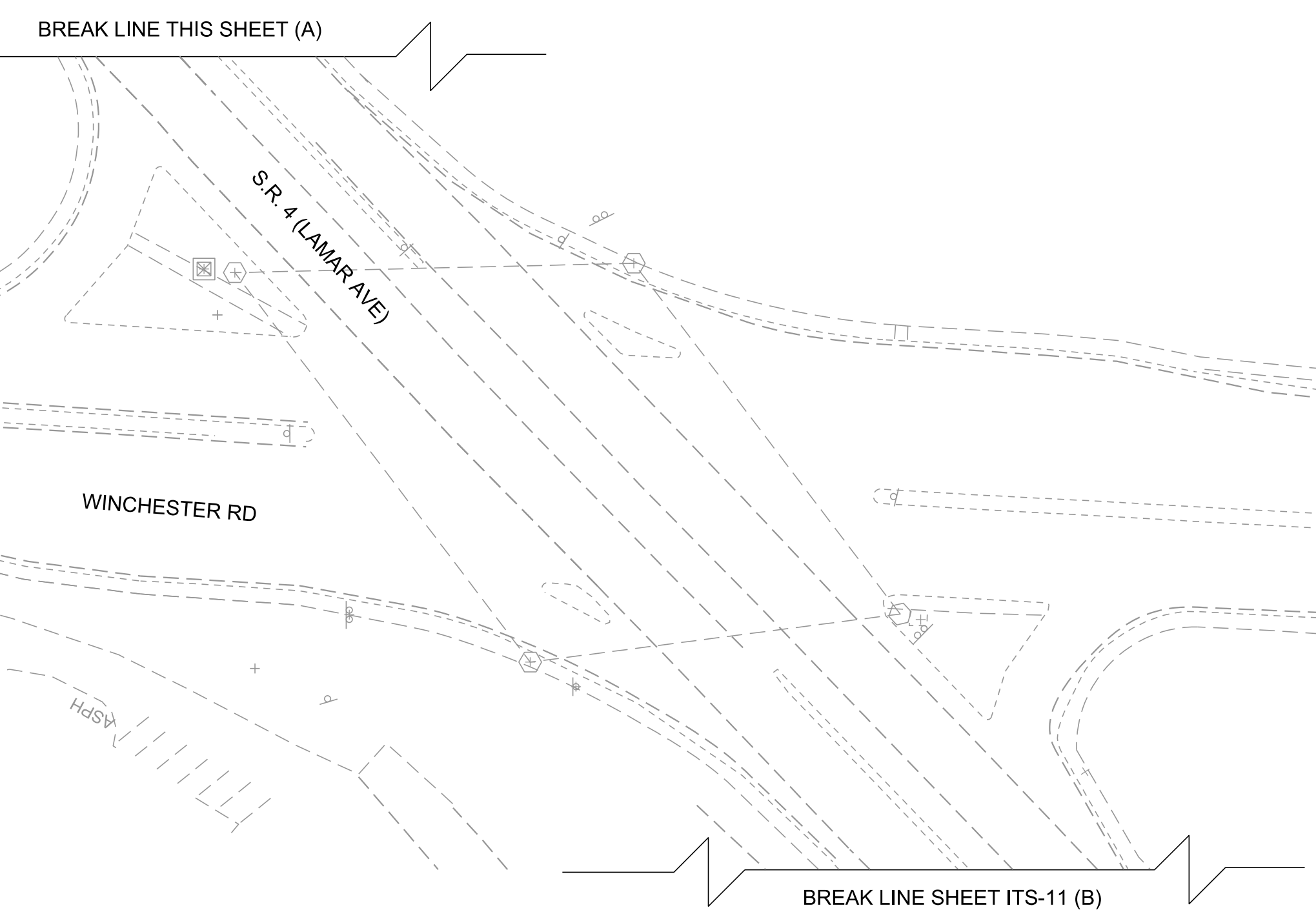
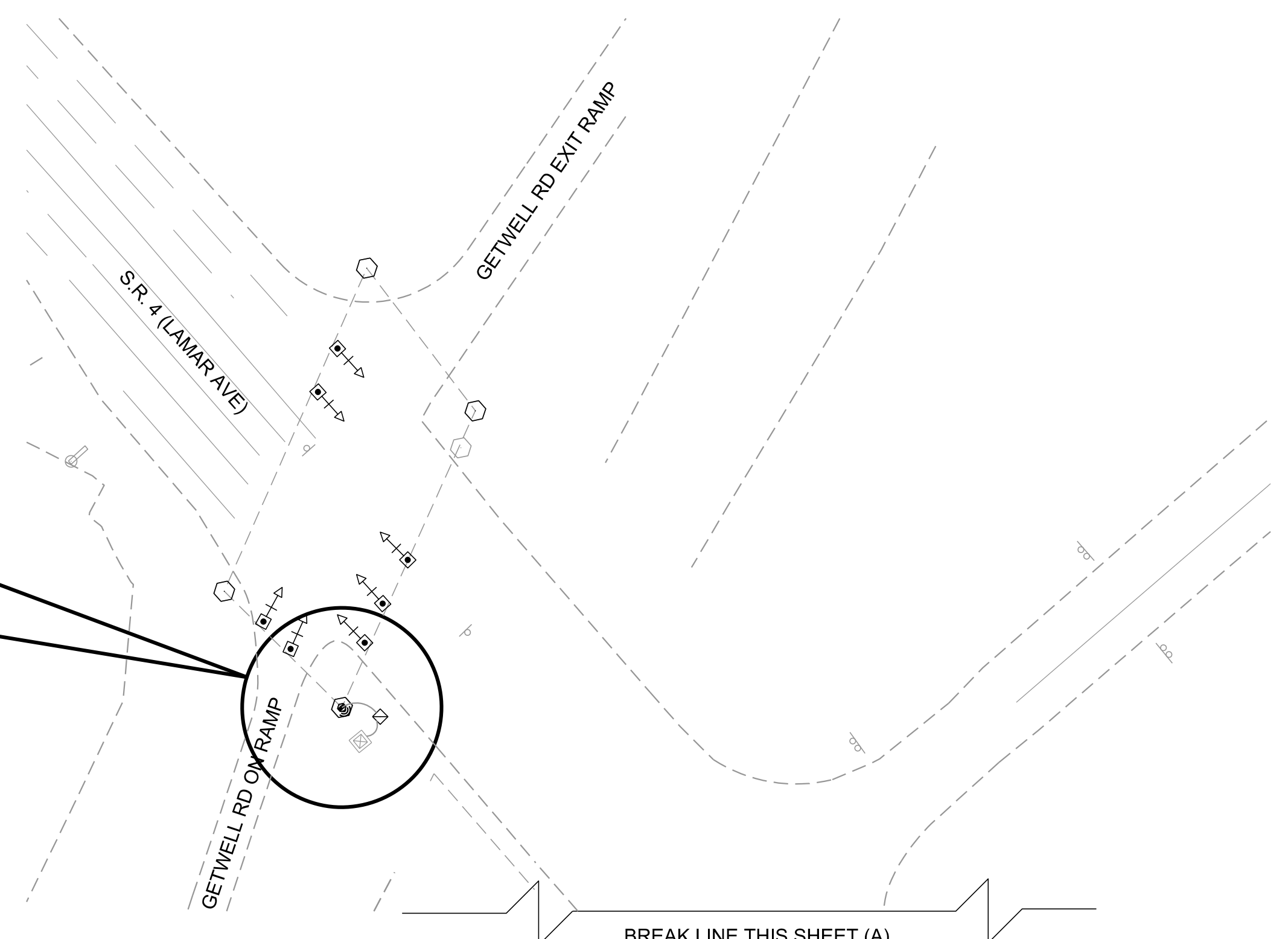
	EXISTING	PROPOSED
POLE MOUNTED CONTROLLER CABINET		
BASE MOUNTED CONTROLLER CABINET		
EVP DETECTOR AND CONFIRMATION LAMP		
VIDEO DETECTION CAMERA		
SIGNAL HEAD		
PEDESTRIAN HEAD		
WIRELESS RADIO		
LIGHTING POLE		
STEEL POLE		
WOOD POLE		



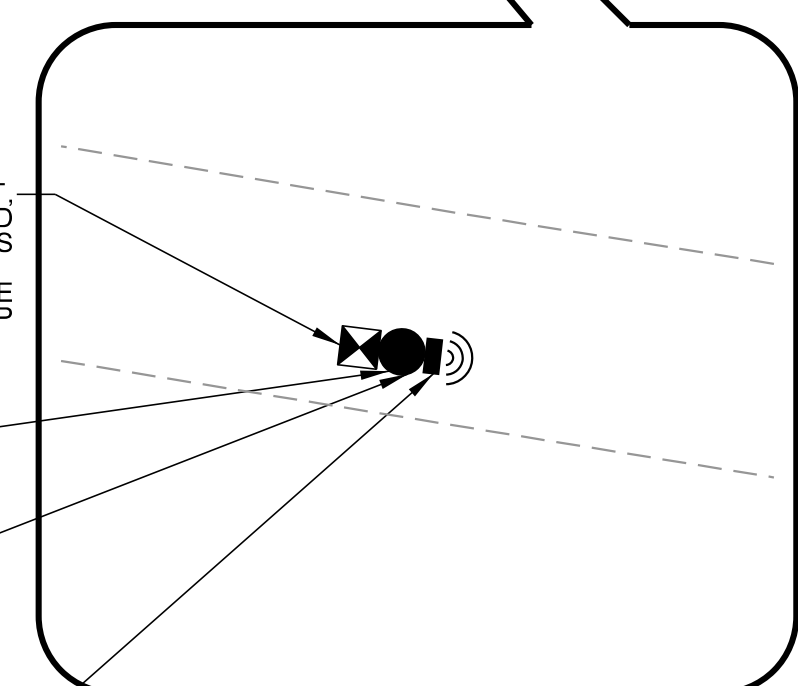
- INSTALL ETHERNET CABLE IN EXISTING CONDUIT
- INSTALL WIRELESS RADIO UNIT (POINT-TO-POINT) ON EXISTING SIGNAL POLE FACING LOCATION 3 AT A HEIGHT OF 17'
- INSTALL ETHERNET CABLE IN EXISTING SIGNAL POLE
- INSTALL ETHERNET CABLE IN EXISTING CONDUIT
- INSTALL POE INJECTOR IN EXISTING TRAFFIC SIGNAL CABINET



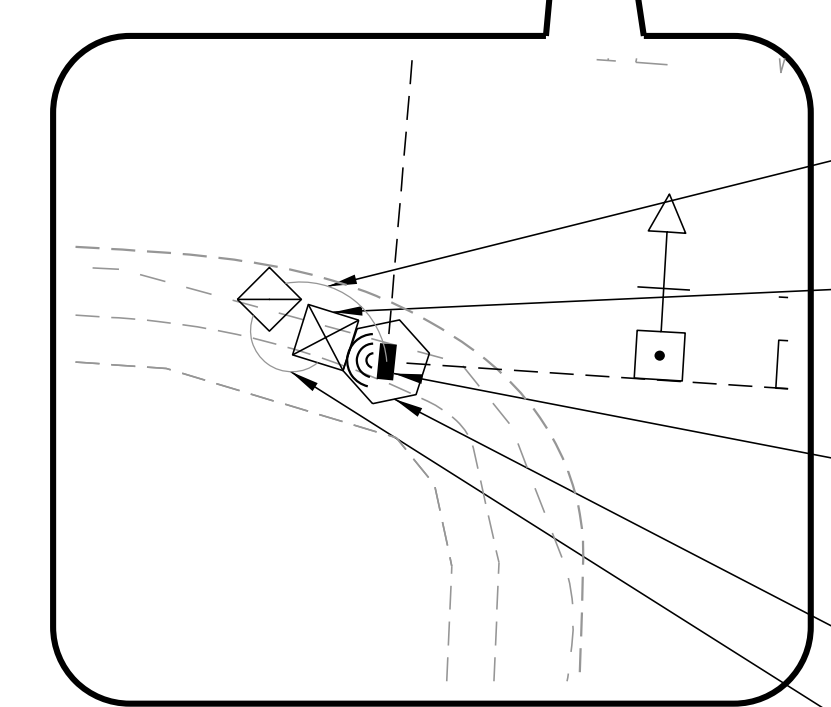
LOCATION 1:
INTERSECTION OF SR 4 AND GETWELL RD
EXISTING TRAFFIC SIGNAL POLE
AT SOUTHEAST CORNER
SCALE: 1" = 25'



- INSTALL TYPE A CABINET, ETHERNET SWITCH, AND 2 POE INJECTORS
- CONTRACTOR TO COORDINATE WITH MLGW FOR POWER SERVICE DROP
- INSTALL 45' WOOD POLE (POLE #1) STA. 83+28.47 OFF 4.16' RT
- INSTALL 1-2" RISER ASSEMBLY WITH WEATHERHEAD ON PROPOSED POLE
- INSTALL WIRELESS RADIO UNIT (POINT-TO-POINT) ON WOOD POLE FACING LOCATION 3 AT A HEIGHT OF 30'



LOCATION 2:
PROPOSED 45' WOOD POLE
STA. 83+28.47 OFF 4.16' RT
SCALE: 1" = 25'



LOCATION 3:
INTERSECTION OF WINCHESTER RD AND GOODLETT RD
EXISTING TRAFFIC SIGNAL POLE
AT SOUTHWEST CORNER
SCALE: 1" = 25'

PLAN
IN
HAND

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STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TEMPORARY ITS
LAYOUT
WIRELESS RADIO CONNECTION

SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	ITS-11

BREAK LINE SHEET ITS-10 (B)

BREAK LINE THIS SHEET (D)

S.R. 4 (LAMAR AVE)

S.R. 4 (LAMAR AVE)

BREAK LINE THIS SHEET (C)

BREAK LINE THIS SHEET (C)

S.R. 4 (LAMAR AVE)

BREAK LINE THIS SHEET (D)

- INSTALL 1-2" RISER ASSEMBLY WITH WEATHERHEAD ON PROPOSED POLE
- INSTALL TYPE A CABINET, ETHERNET SWITCH, AND 2 POE INJECTORS
- CONTRACTOR TO COORDINATE WITH MLGW FOR POWER SERVICE DROP
- INSTALL 45' WOOD POLE (POLE #2)
STA. 551+80.02 OFF 67.74' RT
- INSTALL 2 WIRELESS RADIO UNITS (POINT-TO-POINT) ON WOOD POLE FACING LOCATIONS 3 AND 5 AT A HEIGHT OF 30'

LOCATION 4:
PROPOSED 45' WOOD POLE
STA. 551+80.02 OFF 67.74' RT
SCALE: 1" = 25'

- INSTALL TYPE A CABINET, ETHERNET SWITCH, AND 2 POE INJECTORS
- CONTRACTOR TO COORDINATE WITH MLGW FOR POWER SERVICE DROP

- INSTALL 1-2" RISER ASSEMBLY WITH WEATHERHEAD ON PROPOSED POLE

- INSTALL 45' WOOD POLE (POLE #3)
STA. 539+51.18 OFF 63.27' LT

- INSTALL 2 WIRELESS RADIO UNITS (POINT-TO-POINT) ON WOOD POLE FACING LOCATIONS 4 AND 6 AT A HEIGHT OF 30'

LOCATION 5:
PROPOSED 45' WOOD POLE
STA. 539+51.18 OFF 63.27' LT
SCALE: 1" = 25'

- INSTALL WIRELESS RADIO UNIT (POINT-TO-POINT) ON PEDESTAL POLE FACING LOCATION 5 AT A HEIGHT OF 30'

- INSTALL TYPE A CABINET, ETHERNET SWITCH, AND 2 POE INJECTORS

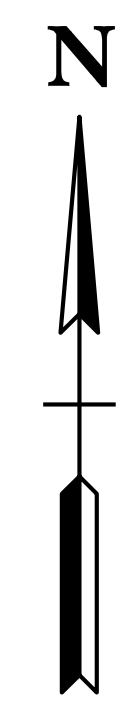
- CONTRACTOR TO COORDINATE WITH MLGW FOR POWER SERVICE DROP

- INSTALL 45' WOOD POLE (POLE #4)
STA. 505+56.47 OFF 71.01' LT

- INSTALL 1-2" RISER ASSEMBLY WITH WEATHERHEAD ON PROPOSED POLE

LOCATION 6:
PROPOSED 45' WOOD POLE
STA 505+56.47 OFF 71.01' LT
SCALE: 1" = 25'

	EXISTING	PROPOSED
POLE MOUNTED CONTROLLER CABINET		
BASE MOUNTED CONTROLLER CABINET		
EVP DETECTOR AND CONFIRMATION LAMP		
VIDEO DECTION CAMERA		
SIGNAL HEAD		
PEDESTRIAN HEAD		
WIRELESS RADIO		
LIGHTING POLE		
STEEL POLE		
WOOD POLE		



PLAN
IN
HAND

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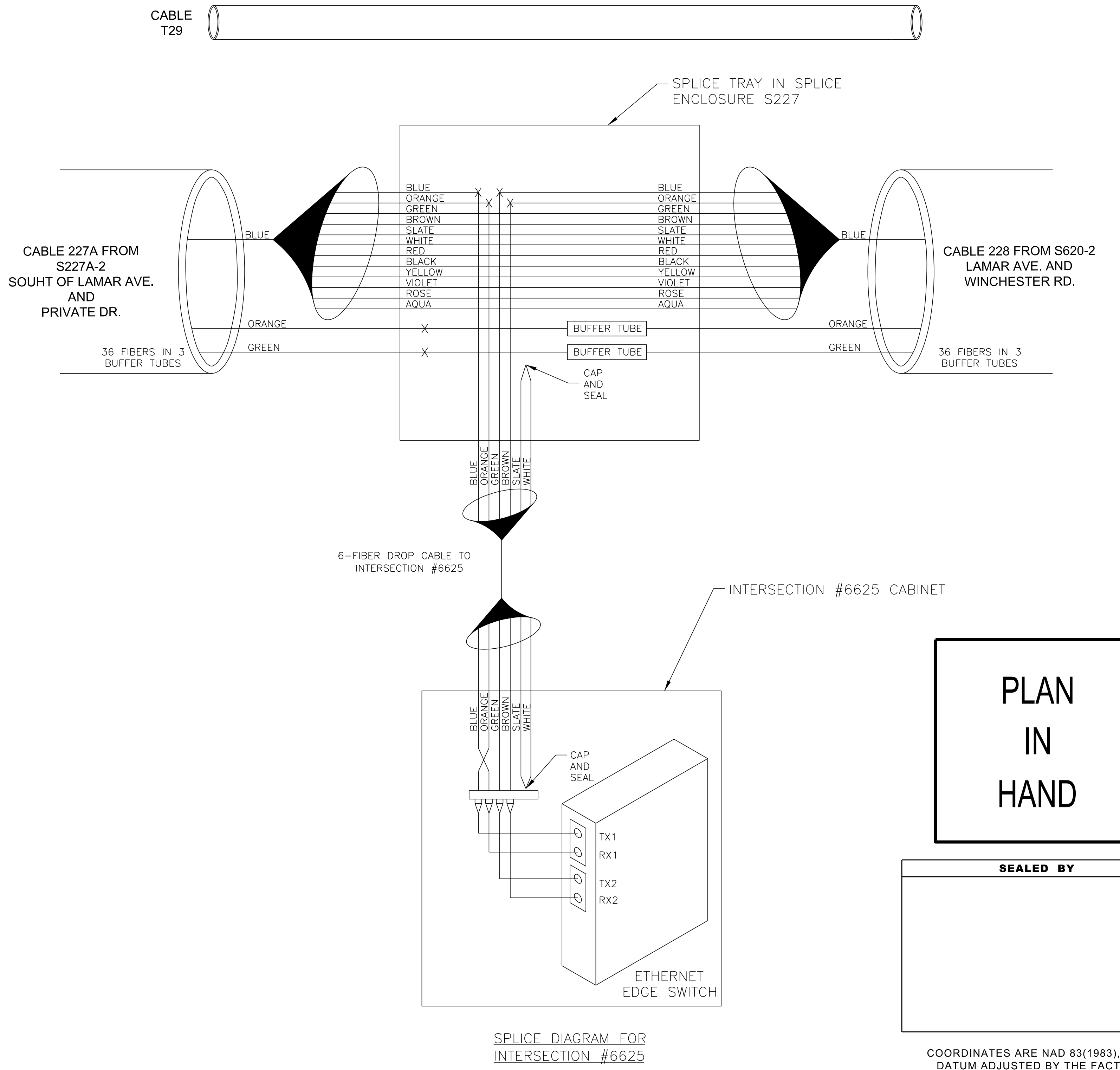
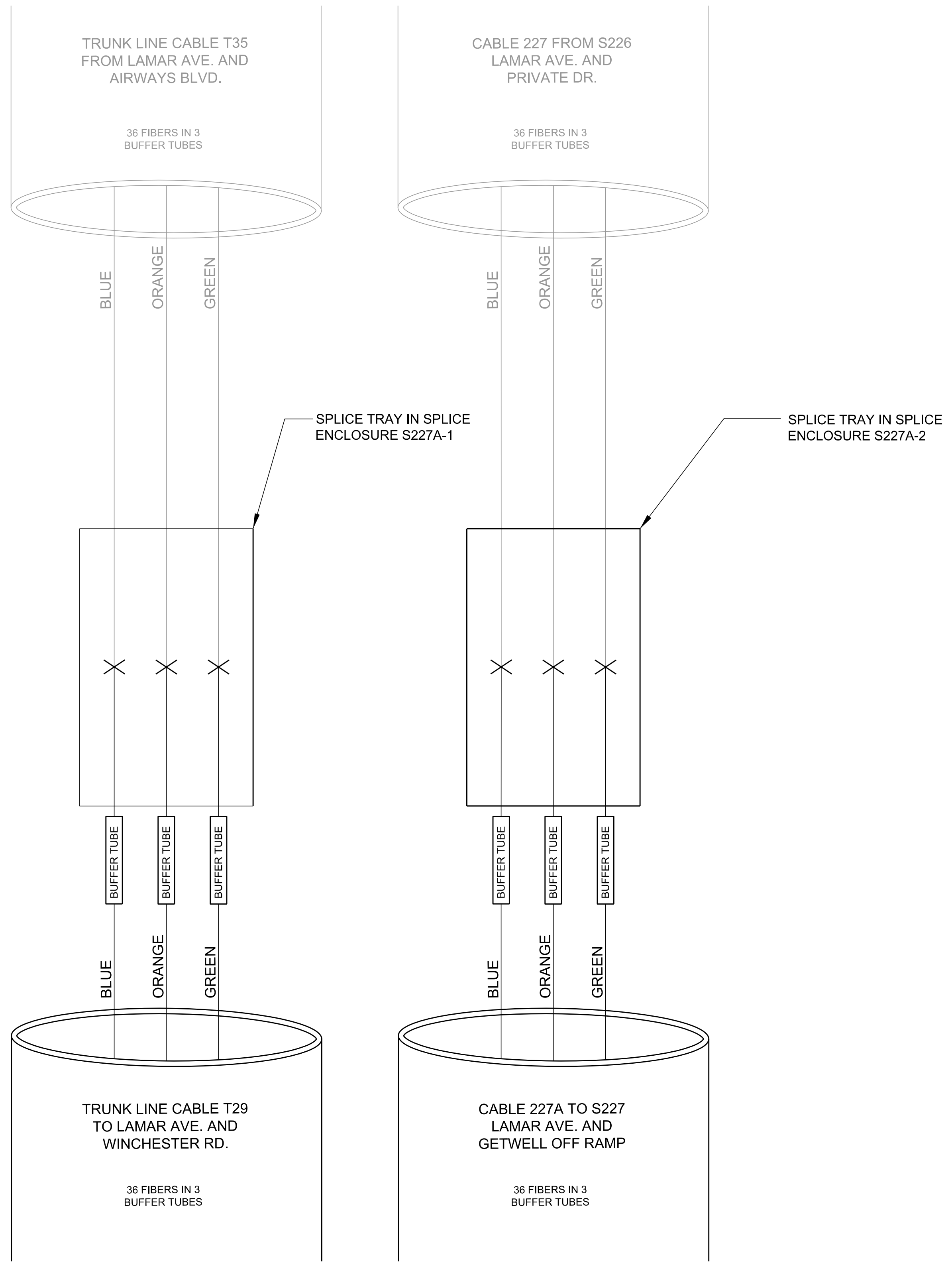
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TEMPORARY ITS
LAYOUT
WIRELESS RADIO CONNECTION

SCALE: 1"=50'

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	ITS-12



LEGEND

COLOR CODE TIA/EIA 598-A		
(1) BLUE	(7) RED	X - FUSION SPLICE INDIVIDUAL FIBER
(2) ORANGE	(8) BLACK	— BUFFER TUBE — SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(3) GREEN	(9) YELLOW	— ACTIVE FIBER
(4) BROWN	(10) VIOLET	- - - INACTIVE FIBER
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	

NOTES:
1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY. ACTUAL EQUIPMENT FORM MAY VARY.

**PLAN
IN
HAND**

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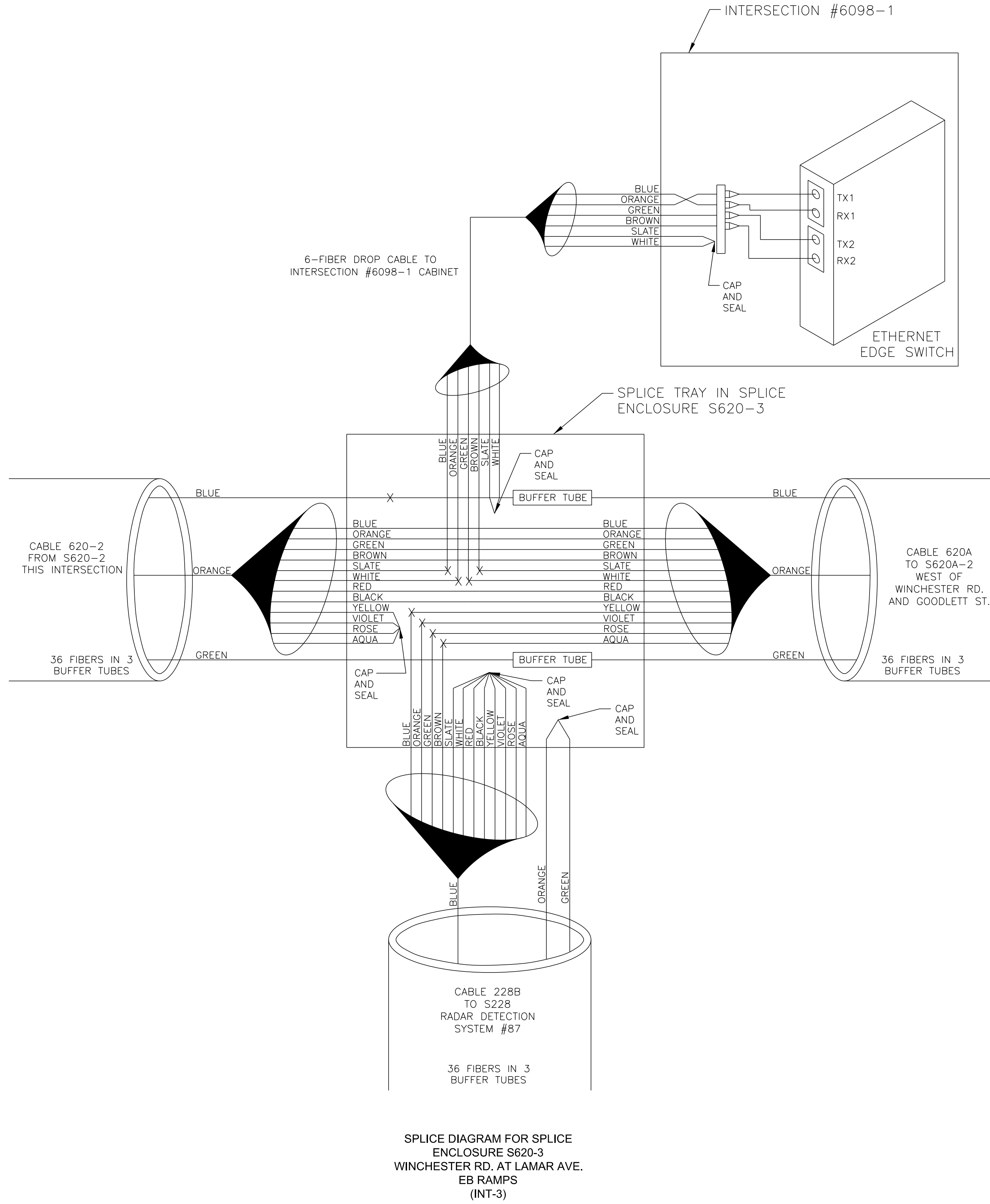
COORDINATES ARE NAD 83(1983). ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

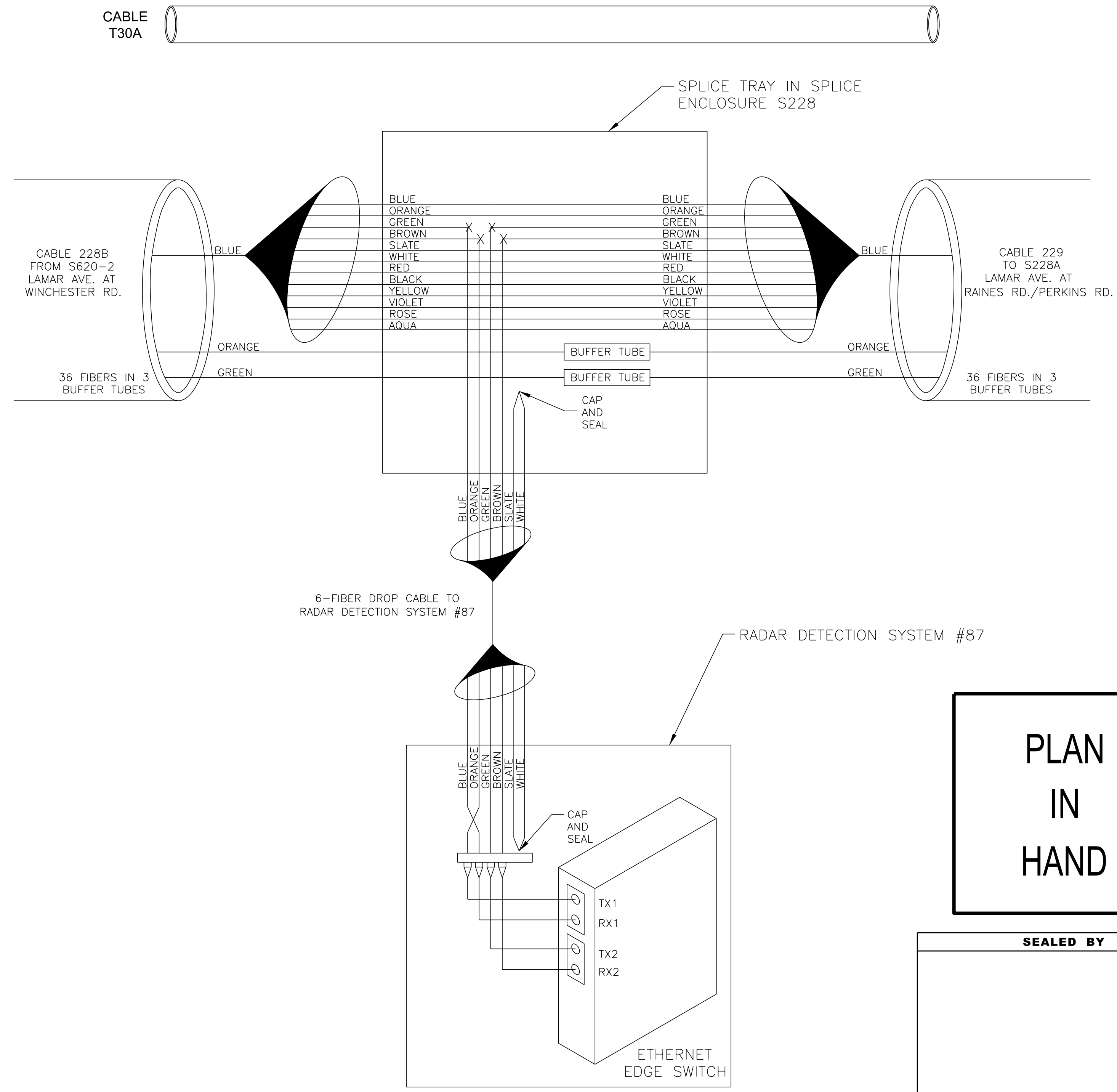
SPLICE DIAGRAM

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	ITS-14



SPLICE DIAGRAM FOR SPLICE ENCLOSURE S620-3
WINCHESTER RD. AT LAMAR AVE.
EB RAMPS (INT-3)



SPLICE DIAGRAM FOR RADAR DETECTION SYSTEM #87

LEGEND

COLOR CODE TIA/EIA 598-A		
(1) BLUE	(7) RED	X - FUSION SPLICE INDIVIDUAL FIBER
(2) ORANGE	(8) BLACK	BUFFER TUBE - SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(3) GREEN	(9) YELLOW	— ACTIVE FIBER
(4) BROWN	(10) VIOLET	- - - INACTIVE FIBER
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	

NOTES:
1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY. ACTUAL EQUIPMENT FORM MAY VARY.

**PLAN
IN
HAND**

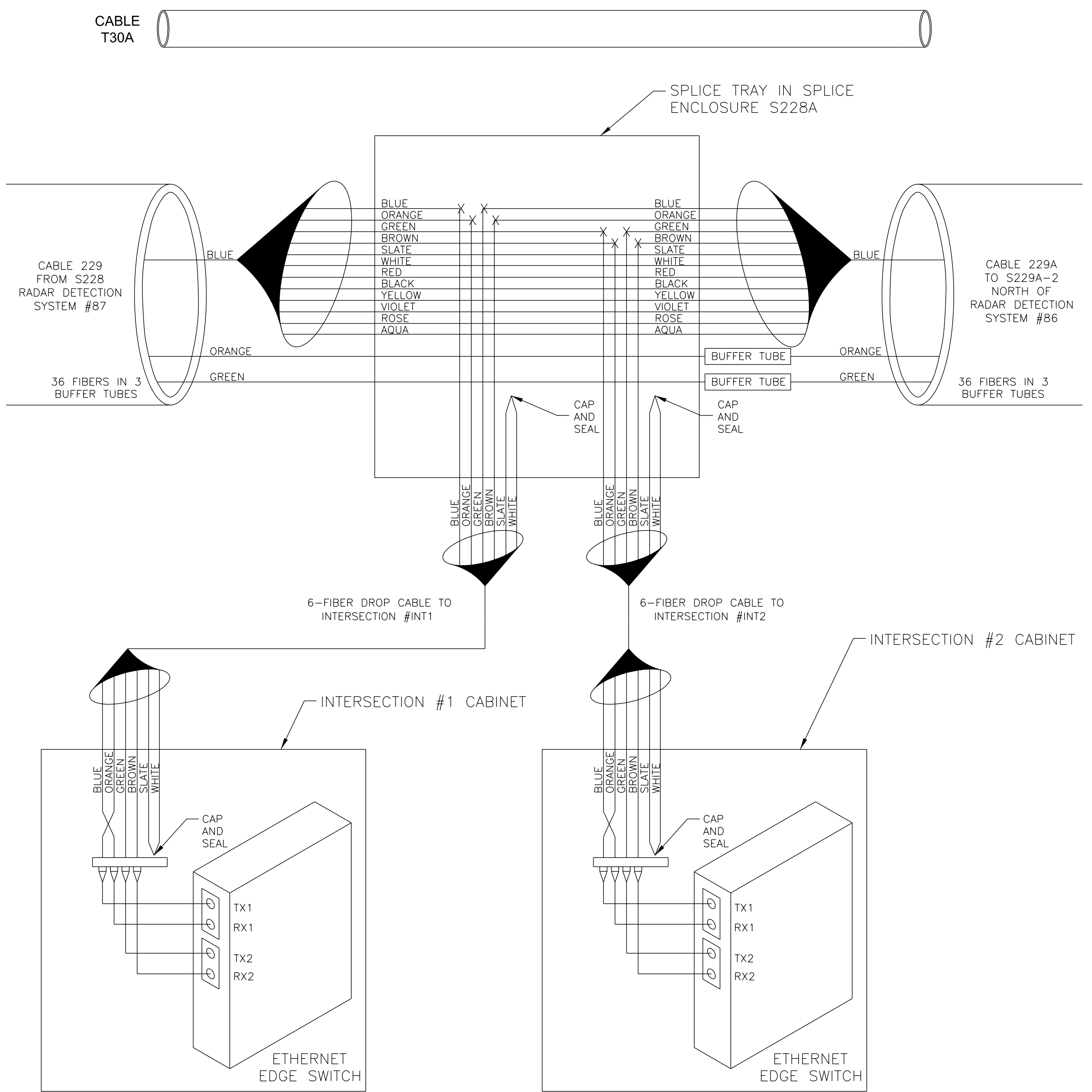
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COORDINATES ARE NAD 83(1983). ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

SPLICE DIAGRAM

TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	ITS-15



SPLICE DIAGRAM FOR INTERSECTIONS #1 AND #2 LAMAR AVE. AT RAINES RD./PERKINS RD.

LEGEND

COLOR CODE TIA/EIA 598-A	
(1) BLUE	(7) RED
(2) ORANGE	(8) BLACK
(3) GREEN	(9) YELLOW
(4) BROWN	(10) VIOLET
(5) SLATE	(11) ROSE
(6) WHITE	(12) AQUA

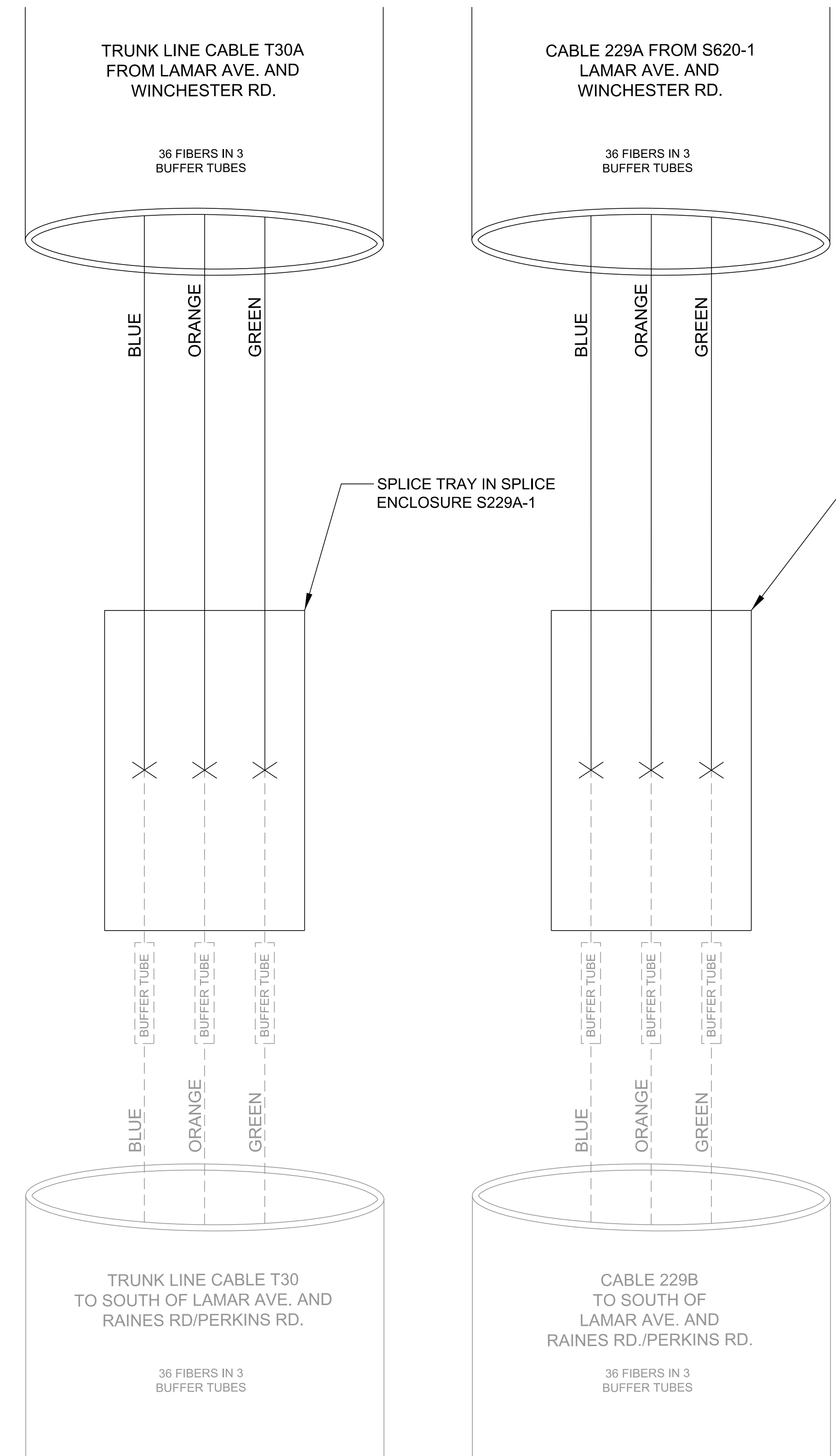
X - FUSION SPlice INDIVIDUAL FIBER

— BUFFER TUBE — SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED

— ACTIVE FIBER

— INACTIVE FIBER

NOTES:
1. FIBER INTERCONNECT CENTER RACKS ARE SCHEMATIC ONLY. ACTUAL EQUIPMENT FORM MAY VARY.



SPLICE DIAGRAM FOR SPLICE ENCLOSURE S229A

PLAN IN HAND

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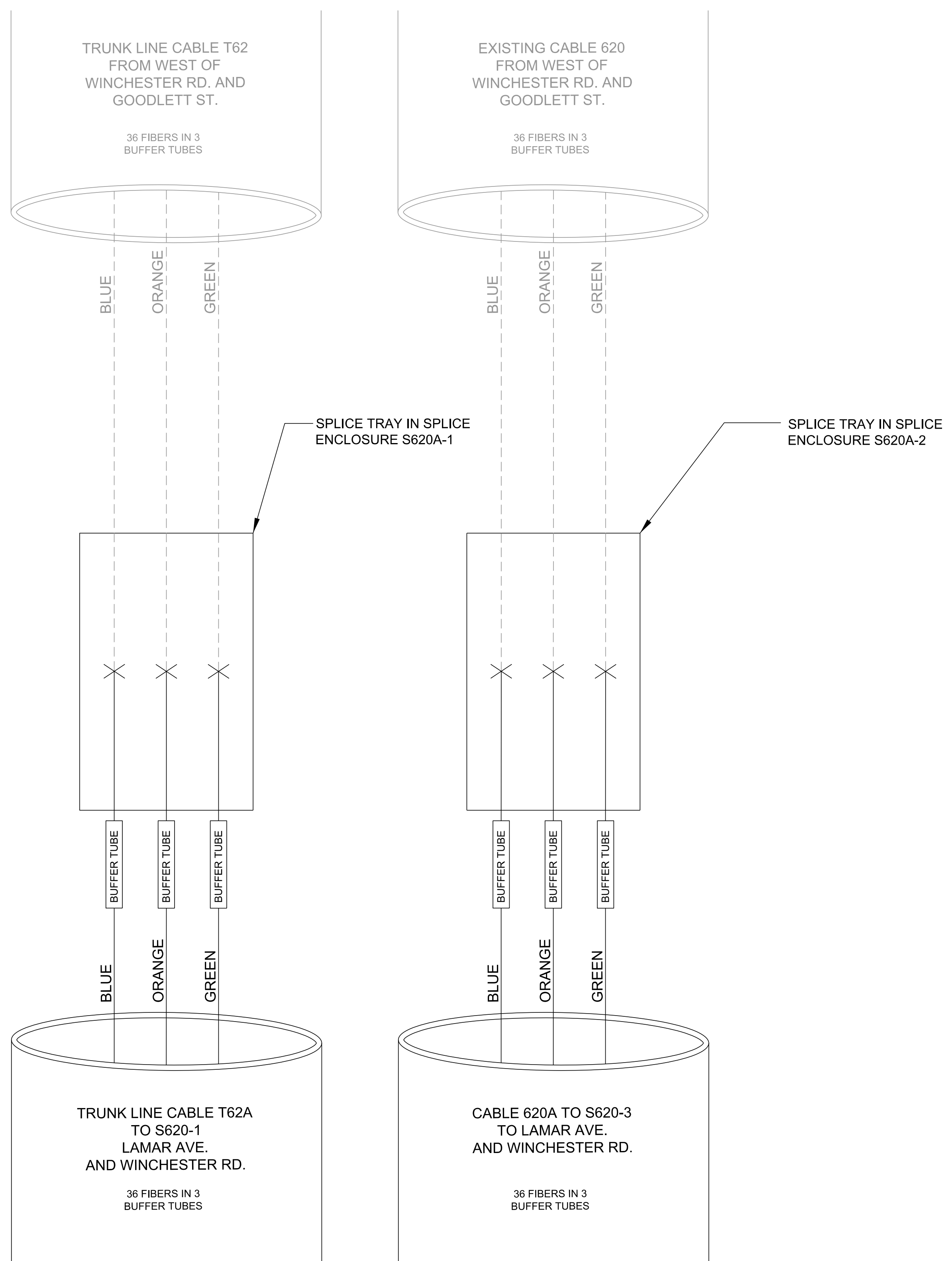
COORDINATES ARE NAD 83(1983). ARE DATUM ADJUSTED BY THE FACTOR OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE DEPARTMENT OF TRANSPORTATION

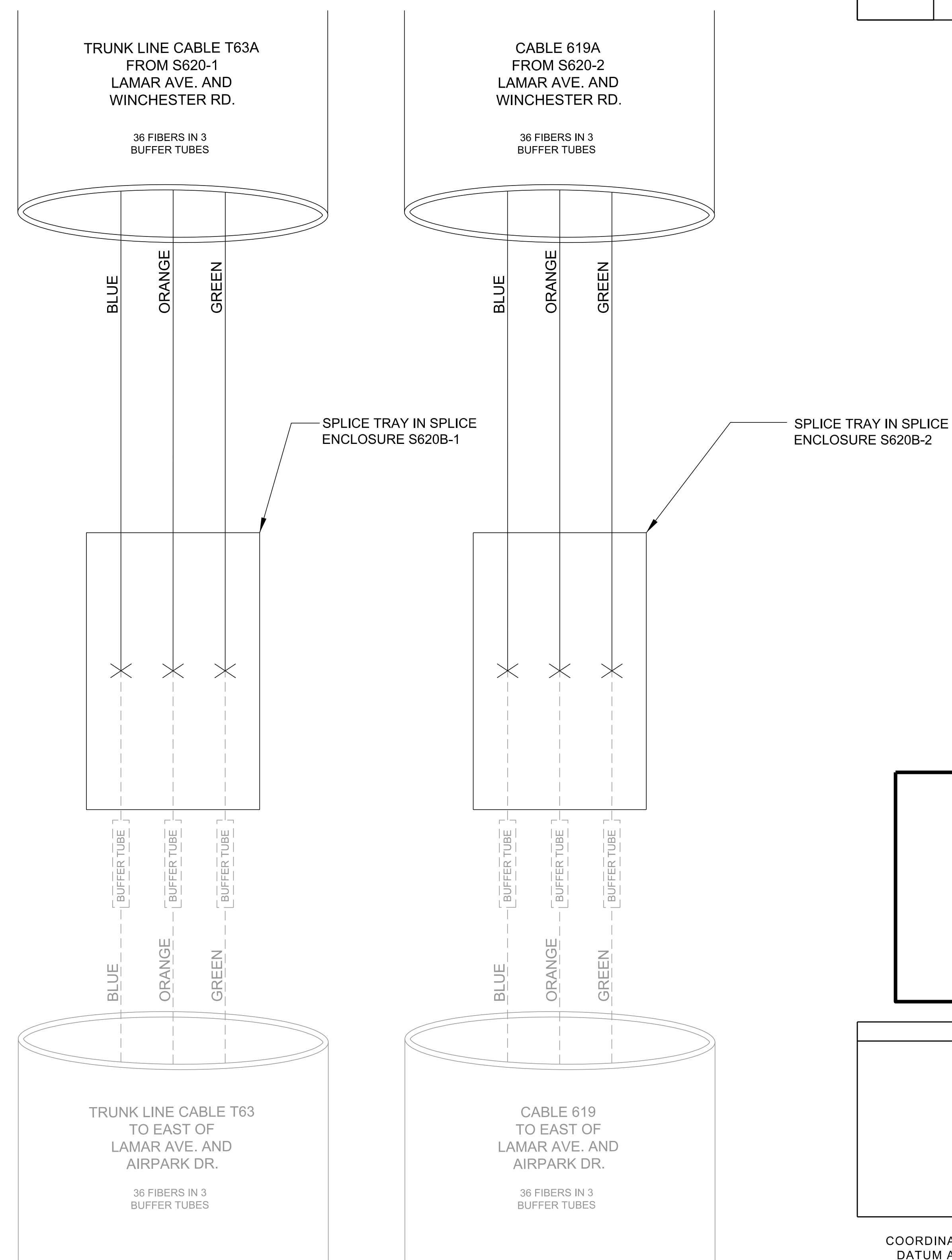
SPLICE DIAGRAM

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TYPE	YEAR	PROJECT NO.	SHEET NO.
PIH	2026	STP/NH-4(6)	ITS-16



SPLICE DIAGRAMS FOR
SPLICE ENCLOSURE S620A



SPLICE DIAGRAM FOR
SPLICE ENCLOSURE S620B

LEGEND

COLOR CODE TIA/EIA 598-A		X - FUSION SPLICE INDIVIDUAL FIBER
(1) BLUE	(7) RED	[BUFFER TUBE] SPLICE OR EXPRESS ENTIRE BUFFER TUBE AS NOTED
(2) ORANGE	(8) BLACK	— ACTIVE FIBER
(3) GREEN	(9) YELLOW	— INACTIVE FIBER
(4) BROWN	(10) VIOLET	
(5) SLATE	(11) ROSE	
(6) WHITE	(12) AQUA	

NOTES:
1. FIBER INTERCONNECT CENTER RACKS ARE
SCHEMATIC ONLY. ACTUAL EQUIPMENT FORM MAY
VARY.

PLAN
IN
HAND

SEALED BY

COORDINATES ARE NAD 83(1983). ARE
DATUM ADJUSTED BY THE FACTOR
OF 0.99996 AND TIED TO THE TGRN.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

SPLICE DIAGRAM