

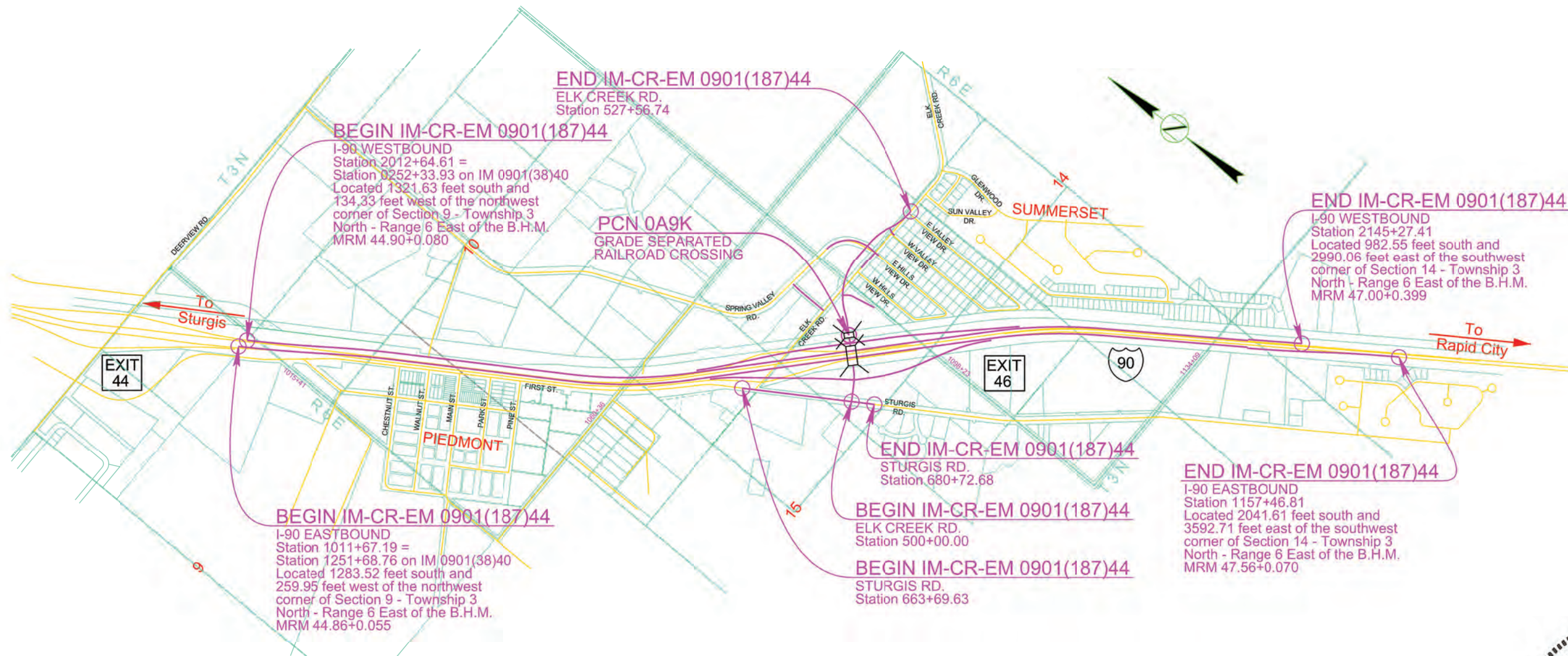
SECTION L: LIGHTING PLANS

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L1	L47
Plotting Date: 3/6/2026		Rev: 3/6/2026 BAF	

INDEX OF SHEETS

L1	General Layout with Index
L2-L3	Estimate with General Notes
L4-L6	Table of Conduit & Cable Quantities
L7-L9	Temporary Conduit Layout
L10	Existing Conditions
L11-L39	Conduit Layout
L40-L42	Wiring Diagram
L43-L47	Standard Plates



Plot Scale - 1:1400

Plotted From - Brandon Fried

File - ...Sections\Section L\TitleL.dgn

SECTION L ESTIMATE OF QUANTITIES

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
110E1510	Remove Luminaire Pole	6	Each
110E1540	Remove Luminaire Pole Footing	9	Each
635E0050	Breakaway Base Luminaire Pole with Arm, 50' Mounting Height	29	Each
635E0150	Breakaway Base Luminaire Pole with Twin Arms, 50' Mounting Height	4	Each
635E0630	Fixed Base Luminaire Pole with Arm, 30' Mounting Height	15	Each
635E3700	Roadway Luminaire, LED with Photoelectric Cell	52	Each
635E5020	2' Diameter Footing	360.0	Ft
635E5301	Type 1 Electrical Junction Box	12	Each
635E5400	Electrical Service Cabinet	2	Each
635E7500	Remove and Reset Luminaire Pole	3	Each
635E8120	2" Rigid Conduit, Schedule 40	12,100	Ft
635E8220	2" Rigid Conduit, Schedule 80	1,190	Ft
635E8750	4/4/4/4 ALU Quadraplex	1,750	Ft
635E9014	1/C #4 AWG Copper Wire	16,855	Ft
635E9016	1/C #6 AWG Copper Wire	17,560	Ft
635E9018	1/C #8 AWG Copper Wire	6,740	Ft
635E9710	2/C #10 AWG Copper Pole and Bracket Cable	2,745	Ft

SUPPLYING AS BUILT PLANS

If the roadway lighting systems are constructed differently than what is stated in the plans, the Contractor will supply as built plans to the Engineer and a copy will be sent to the Traffic Design Engineer. The as built plans may include conduit layouts, wiring diagrams, or other drawings depicting the changes from the original plans.

SHOP DRAWING AND CATALOG CUTS SUBMITTALS

The Contractor will submit shop drawings and catalog cuts in accordance with Section 985 of the Specifications.

PDF submittals will be sent to the following email addresses:

Ryley.Rapp@state.sd.us
Stacy.Bartlett@state.sd.us
paul.knofczynski@kljeng.com

REMOVE LUMINAIRE POLE FOOTING

The footings of existing luminaire poles EL1-EL6 and TL1-TL3 will be removed by the Contractor to a minimum of 2 Ft. below the ground surface. Restoration of the disturbed area will be to the satisfaction of the Engineer.

All costs for removing the footings of the existing luminaire poles will be incidental to the contract unit price per each for "Remove Luminaire Pole Footing".

LUMINAIRE POLES

Luminaire poles L1-L9, & L14-L33 will have a mounting height of 50 feet with 6-foot arms.

Luminaire poles L10-L13 will have a mounting height of 50 feet with two tenon mounts 180° apart.

Luminaire poles L101-L102, & L105-L115 will have a mounting height of 30 feet with a tenon mount.

The pole fabricator will be responsible for the determining the diameter, length, and number of anchor bolts.

BARRIER MOUNTED LUMINAIRE POLE

Luminaire Poles L103-L104 are concrete barrier mounted poles. The mounting height of the poles are 30 Ft. Refer to Section E of the plans for mounting details and coordinate pole locations and anchor bolt installation with the bridge contractor.

The pole fabricator will be responsible for the determining the diameter and number of anchor bolts.

LUMINAIRES

The lighting design for roadway luminaires L1-L33 provides 0.60 and greater average maintained foot-candles and uniformity ratios of 4:1 (average maintained to minimum maintained foot-candles):

Pole Setback: 9 Ft. for single davit
 4 Ft. for twin top mount
 Lamp Loss Factor (LLF): 0.8
 Width of Lighted Area: 85 Ft.
 Spacing: 260 Ft.
 Configuration: One-Sided
 Mounting Height: 50 Ft.
 Arm Length: 6 Ft. for single davit
 or Twin top mount
 Light Source: LED

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STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L2	L47

Rev: 10/16/2025 PAK

The following LED luminaires or approved equal meets the requirements for this design:

- a.) American Electric: ATB0-P451-MVOLT-R2-4K-PCLL
- b.) COOPER ARCH3-100-740U-T2R-ASJS00-AP

The lighting design used for roadway luminaires L101-L115 provides 0.90 and greater average maintained foot-candles and uniformity ratios of 4:1 (average maintained to minimum maintained foot-candles).

Pole Setback: 3 Ft.
 Lamp Loss Factor (LLF): 0.8
 Width of Lighted Area: 54 Ft.
 Spacing: 120 Ft.
 Configuration: One-Sided
 Mounting Height: 30 Ft.
 Arm Length: Top Mount
 Light Source: LED

The following LED luminaires or approved equal meets the requirements for this design:

- a.) American Electric: ATB0-P202-MVOLT-R2-4K-PCLL
- b.) COOPER ARCH1-50-740-U-T2R-ASJ00-AP

TABLE OF FOOTING DATA

Site Designation	Footing Diameter	* Footing Depth	**Spiral Diameter	**Spiral Length	Vertical Reinforcement
L101, L102, L105-L115	2' - 0"	6' - 0"	1' - 8"	44' - 3"	8-#7 x 5' - 6"
L1-L33	2' - 0"	8' - 0"	1' - 8"	54' - 9"	8-#7 x 7' - 6"
TL1-TL3	2' - 0"	8' - 0"	1' - 8"	54' - 9"	8-#7 x 7' - 6"

* Footing depth will be below ground level.
 ** The size of all spirals will be #3.

Luminaire footings will be installed in soils ranging from the in-place silt clay to in situ silt clay soils to newly placed fill.

During construction of the cylindrical footings, concrete placement operations should closely follow excavation procedures. The longer the excavations are left open, the more likely caving may occur.

Concrete will not be dropped through standing water. If water is present in the excavation, it will be removed prior to concrete placement, or the concrete will be tremied.



ELECTRICAL SERVICE CABINET

An externally mounted receptacle and accompanying enclosure will not be required at electrical service cabinets.

The Contractor will coordinate with Black Hills Energy to activate the new electric services two weeks prior to needing the power. The Black Hills Energy contact is Peter Blake at 888-890-5554. All costs associated with coordinating, removing, and activating the new electric services will be incidental to the contract lump sum price for "Electric Service Cabinet".

REMOVE AND RESET LUMINAIRE POLE

Existing luminaire poles TL1–TL3 will be removed and reset as L3, L5, & L7 as shown on the plan sheets.

Luminaire pole footings TL1-TL3 will be removed at the time that the luminaire poles are removed and will be paid under "Remove Luminaire Pole Footing" at the contract unit price.

Luminaire poles and luminaires damaged during removal or resetting will be repaired or replaced by the Contractor at no cost to the State.

All costs involved with removing and resetting the existing luminaire poles including new anchor bolts with associated hardware, will be incidental to the contract unit price per each for "Remove and Reset Luminaire Pole".

WIRE SPLICING FOR LIGHTING

All wire splices for lighting will be made using TE Connectivity GTAP connectors, NSI Industries Polaris Blue connectors, or an approved equal.

2" RIGID GALVANIZED STEEL CONDUIT

Conduit system located between the backs of the bridge abutments will be installed and are incidental to bridge construction.

Pull tape will be 1 inch tubular wave polyester pull tape with a minimum breaking strength of 6000 lbs.

All costs to provide the 2 inch diameter conduit, including concrete inserts, conduit, attaching hardware, junction boxes, expansion devices, pull tape, labor, equipment and any incidentals necessary to install the conduit will be incidental to the bridge construction and are paid under Section E.

4/4/4 ALUMINUM QUADRUPLEX

Wire to be used in a direct buried application. No underground splice will be permitted.

WIRING AND CONDUIT FOR FLASHING BEACONS

Wiring and conduit are included in Section L to JL7 and to JL82. Please see Section S for details, quantities, and notes regarding the flashing beacons.

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KLJ

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L3	L47

Rev: 10/16/2025 PAK



TABLE OF CONDUIT AND CABLE QUANTITIES

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA

PROJECT
IM-CR-EM 0901(187)44

SHEET
L4

TOTAL SHEETS
L47

Rev: 10/16/2025 PAK

Location to Location		Rigid Conduit			Copper Wire			Pole and Bracket Cable			Aluminum Wire														
		Schedule 40	Schedule 80		1/C	1/C	1/C	2/C			4/4/4/4 ALU														
		2"	2"		#4	#6	#8	#10			Quaruplex														
		Ft	Ft		AWG	AWG	AWG	AWG																	
US HWY 90 & ELK CREEK RD																									
SERVICE CABINET	JL3	10			105	65																			
JL3	JL7	20			65																				
JL7	L101	85																							
L101	L33	145																							
L101	L32		115																						
L32	L30	245																							
JL7	L24		75		235																				
L24	L31	105				325																			
JL3	L25	15			50																				
L25	JL5	1485			4590																				
JL5	L13		50			190																			
JL 5	L15	280				870																			
L15	L17	280				870																			
L17	L19	280				870																			
L19	L21	280				870																			
JL3	L102	55	45		310																				
L102	L26	105				325																			
L26	L27	135				420																			
L102	L103	160	15		545																				
L103	L104		135		420																				
L104	L29	20	185		635																				
L29	JL6	1445			4470																				
JL6	L12		50			155																			
JL6	L14	275				850																			
L14	L16	280				870																			
L16	L18	280	50			1020																			
L18	L20	280				870																			
L20	L22	280				870																			
L22	L23	260				805																			
L24	JL1	1500			4635																				
JL1	L11	40				125																			
JL1	L9	280				870																			
L9	L7	280				870																			
L7	L5	280				870																			
L5	L3	280				870																			
L29	JL4		90		280																				
JL4	L27		15		50																				
JL4	JL2	150			465																				
JL2	L10		45			140																			
JL2	L8	280				870																			
L8	L6	280				870																			
L6	L4	280				870																			
L4	L2	280				870																			
L2	L1	270				835																			
Subtotal:		11,005	870		16,855	17,560	2,580	0			0														

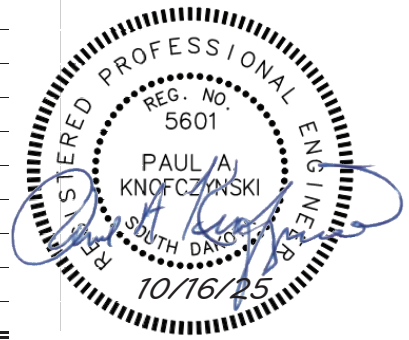


TABLE OF CONDUIT AND CABLE QUANTITIES

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA

PROJECT
IM-CR-EM 0901(187)44

SHEET
L5

TOTAL SHEETS
L47

Rev: 10/16/2025 PAK

Location to Location		Rigid Conduit			Copper Wire			Pole and Bracket Cable			Aluminum Wire									
		Schedule 40	Schedule 80		1/C	1/C	1/C	2/C			4/4/4/4 ALU									
		2"	2"		#4	#6	#8	#10			Quaruplex									
		Ft	Ft		AWG	AWG	AWG	AWG												
ELK CREEK TRAIL LIGHTING																				
SERVICE CABINET	JL9	5					20													
JL9	L113	65					205													
L113	L112	115					360													
L112	L111	110					340													
L111	L110	115					360													
L110	L109	115					360													
L109	L108	115					360													
L108	L107	135					420													
L107	L106	130					405													
L106	L105	135					420													
L105	JB2		75				240													
JL7	L114	55					170													
L114	L115		85				265													
L115	JL8		75				235													
TEMPORARY LIGHTING PHASE 1A & 1B																				
TJL1	TJL2									465										
TJL2	TL1									20										
TEMPORARY LIGHTING PHASE 2A & 2B																				
TJL2	TJL3		85							95										
TJL3	TL2									100										
TL2	TL3									815										
TEMPORARY LIGHTING POST PHASE 2B																				
TJL3	TL1									255										
LUMINAIRE POLE	L1							65												
LUMINAIRE POLE	L2							65												
LUMINAIRE POLE	L3/TL1							65												
LUMINAIRE POLE	L4							65												
LUMINAIRE POLE	L5/TL2							65												
LUMINAIRE POLE	L6							65												
LUMINAIRE POLE	L7/TL3							65												
LUMINAIRE POLE	L8							65												
LUMINAIRE POLE	L9							65												
LUMINAIRE POLE	L10							65												
LUMINAIRE POLE	L11							65												
Subtotal:		1,095	320		0	0	4,160	715			1,750									



TABLE OF CONDUIT AND CABLE QUANTITIES

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA

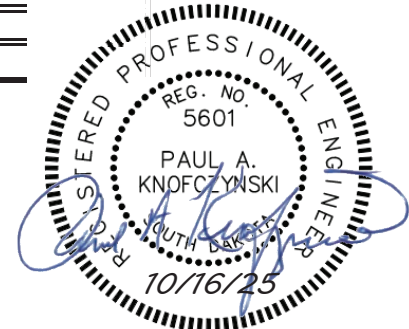
PROJECT
IM-CR-EM 0901(187)44

SHEET
L6

TOTAL SHEETS
L47

Rev: 10/16/2025 PAK

Location to Location	Rigid Conduit			Copper Wire			Pole and Bracket Cable			Aluminum Wire														
	Schedule 40	Schedule 80		1/C #4 AWG	1/C #6 AWG	1/C #8 AWG	2/C #10 AWG				4/4/4/4 ALU Quaruplex													
	2" Ft	2" Ft		Ft	Ft	Ft	Ft																	
LUMINAIRE POLE L12							65																	
LUMINAIRE POLE L13							65																	
LUMINAIRE POLE L14							65																	
LUMINAIRE POLE L15							65																	
LUMINAIRE POLE L16							65																	
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LUMINAIRE POLE L112							40																	
LUMINAIRE POLE L113							40																	
LUMINAIRE POLE L114							40																	
LUMINAIRE POLE L115							40																	
Subtotal:	0	0		0	0	0	2,030				0													
Total:	12,100	1,190		16,855	17,560	6,740	2,745				1,750													

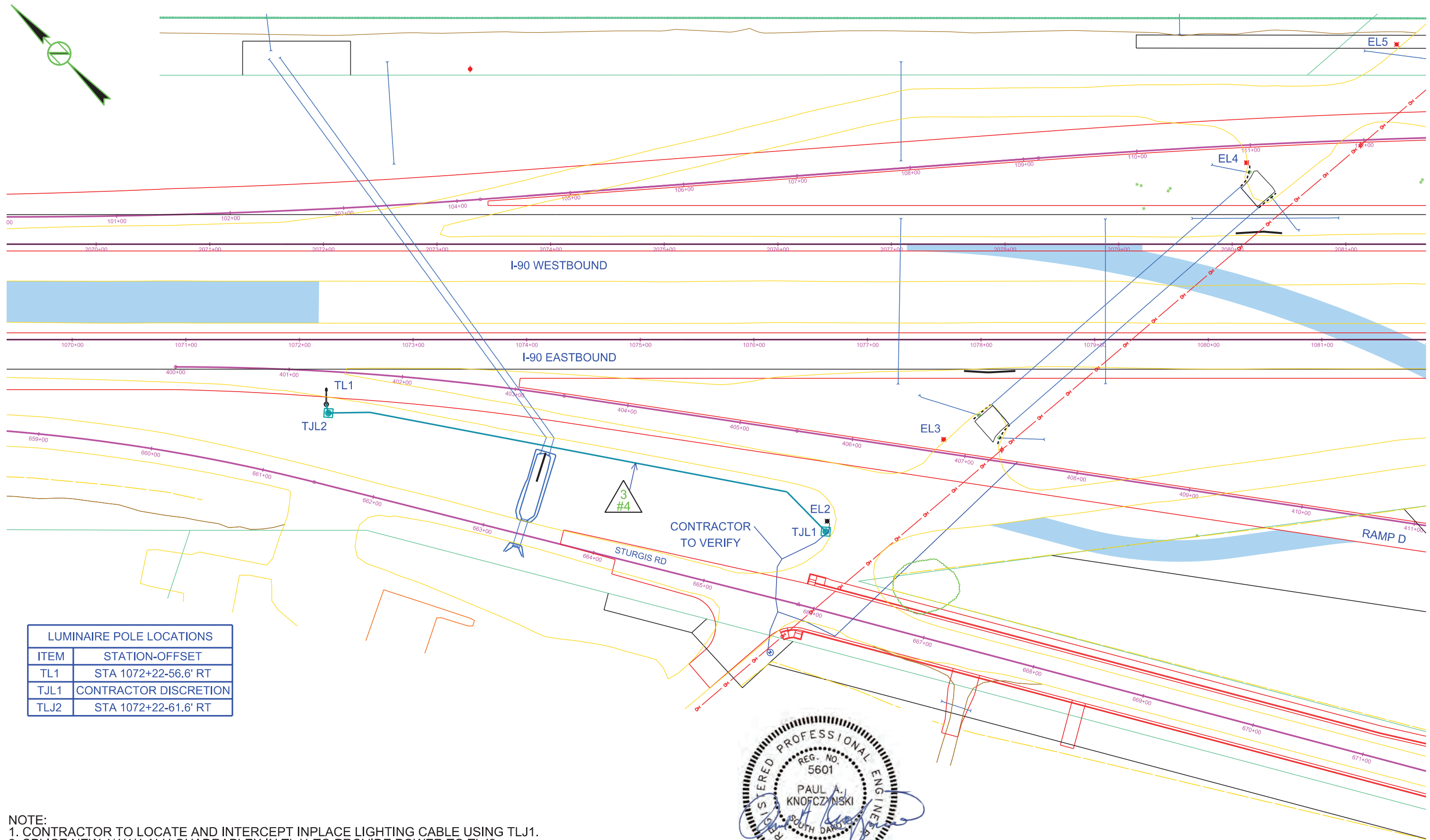


TEMPORARY CONDUIT CONSTRUCTION LAYOUT PHASE 1A & 1B

INTERSTATE 90

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT IM-CR-EM 0901(187)44	SHEET L7	TOTAL SHEETS L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	



LUMINAIRE POLE LOCATIONS	
ITEM	STATION-OFFSET
TL1	STA 1072+22-56.6' RT
TJL1	CONTRACTOR DISCRETION
TLJ2	STA 1072+22-61.6' RT

NOTE:
 1. CONTRACTOR TO LOCATE AND INTERCEPT INPLACE LIGHTING CABLE USING TLJ1.
 2. SPLICE NEW 4/4/4 ALU QUADRAPLEX IN TLJ1 TO PROVIDE POWER TO TLJ2.



Plot Scale - 1:80
 Plotted From - Brandon Fried

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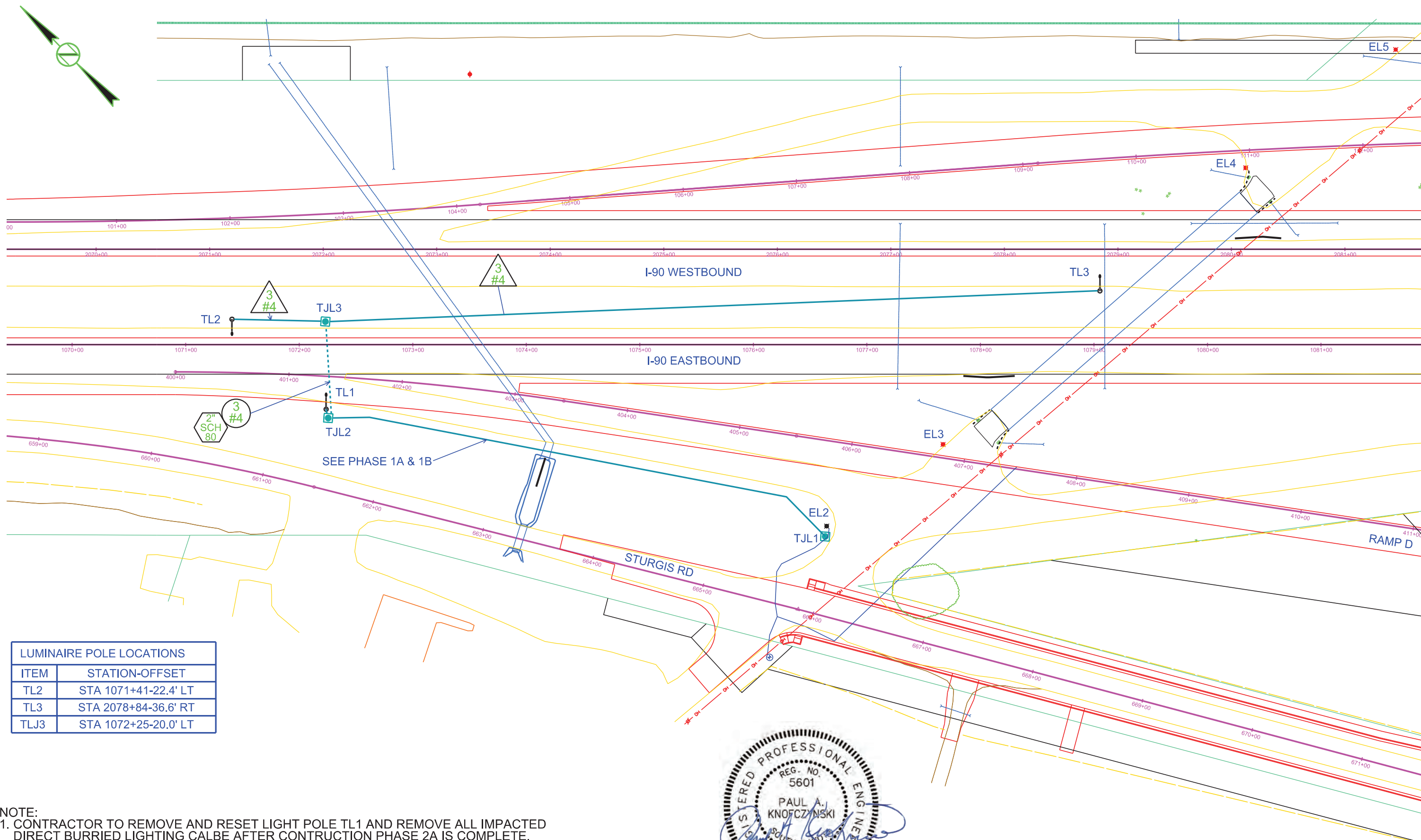
TEMPORARY CONDUIT LAYOUT CONSTRUCTION PHASE 2A

INTERSTATE 90

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT IM-CR-EM 0901(187)44	SHEET L8	TOTAL SHEETS L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	

Plot Scale - 1:80



LUMINAIRE POLE LOCATIONS	
ITEM	STATION-OFFSET
TL2	STA 1071+41-22.4' LT
TL3	STA 2078+84-36.6' RT
TLJ3	STA 1072+25-20.0' LT

- NOTE:**
1. CONTRACTOR TO REMOVE AND RESET LIGHT POLE TL1 AND REMOVE ALL IMPACTED DIRECT BURIED LIGHTING CALBE AFTER CONSTRUCTION PHASE 2A IS COMPLETE.
 2. POLE TL1 TO BE RESET AS POLE L3.
 3. CONTRACTOR IS RESPONSIBLE FOR DAMAGE INCURED DURING REMOVE AND RESET LIGHT POLE.



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File - ...Section L1071c-2a.dgn

TEMPORARY CONDUIT LAYOUT CONSTRUCTION PHASE 2B

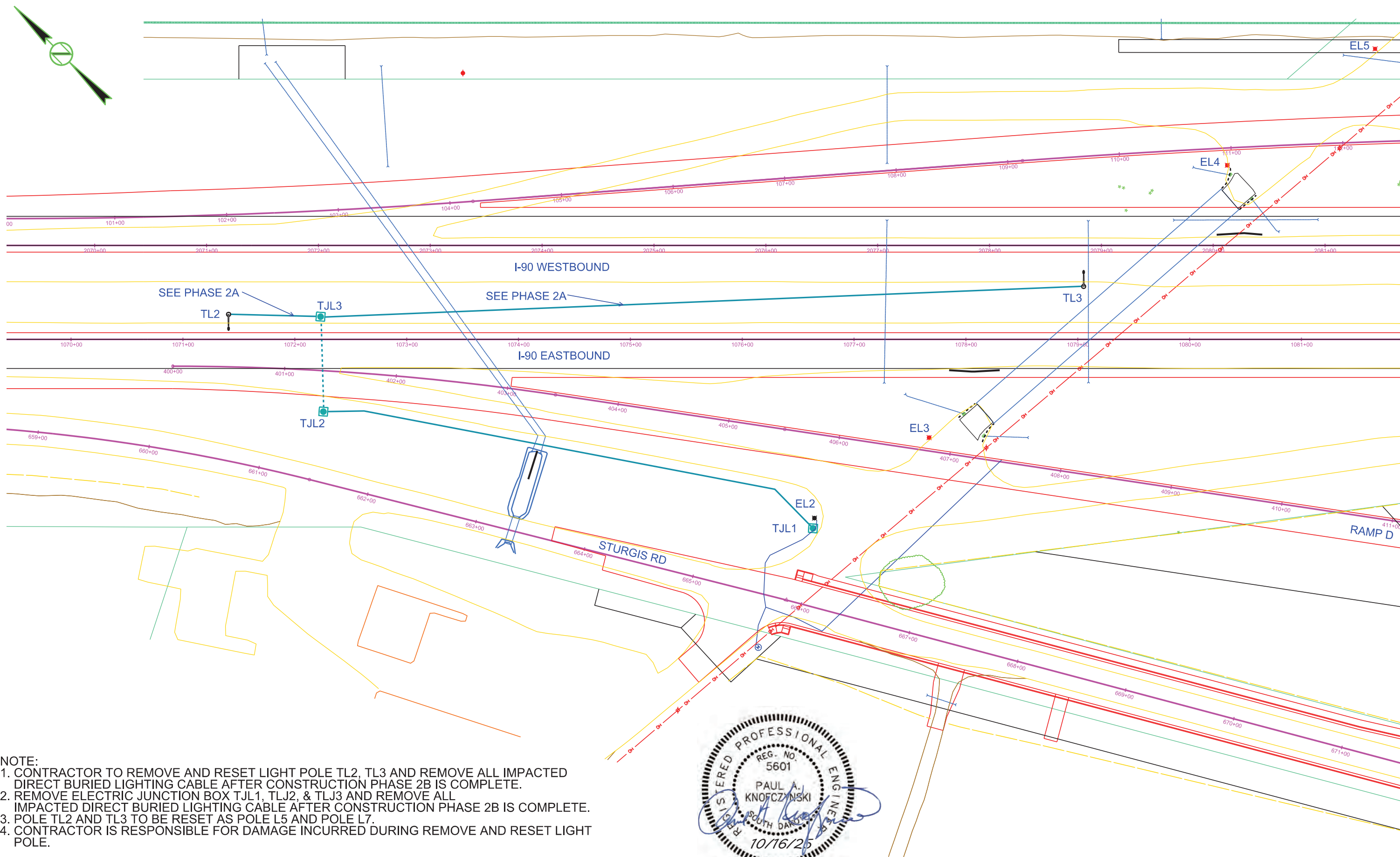
INTERSTATE 90

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA	PROJECT IM-CR-EM 0901(187)44	SHEET L9	TOTAL SHEETS L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	

Plot Scale - 1:80



- NOTE:**
1. CONTRACTOR TO REMOVE AND RESET LIGHT POLE TL2, TL3 AND REMOVE ALL IMPACTED DIRECT BURIED LIGHTING CABLE AFTER CONSTRUCTION PHASE 2B IS COMPLETE.
 2. REMOVE ELECTRIC JUNCTION BOX TJL1, TJL2, & TJL3 AND REMOVE ALL IMPACTED DIRECT BURIED LIGHTING CABLE AFTER CONSTRUCTION PHASE 2B IS COMPLETE.
 3. POLE TL2 AND TL3 TO BE RESET AS POLE L5 AND POLE L7.
 4. CONTRACTOR IS RESPONSIBLE FOR DAMAGE INCURRED DURING REMOVE AND RESET LIGHT POLE.



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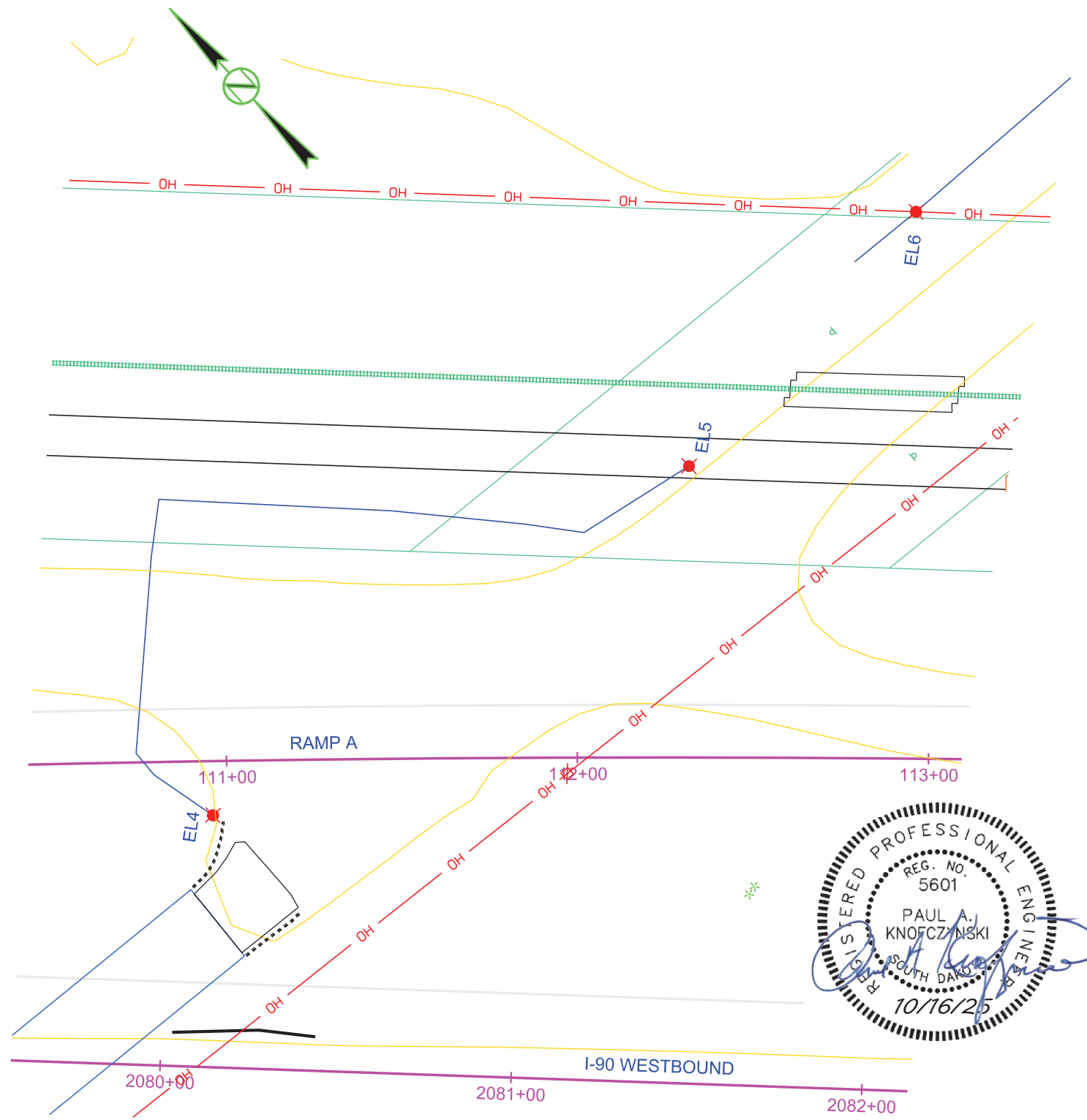
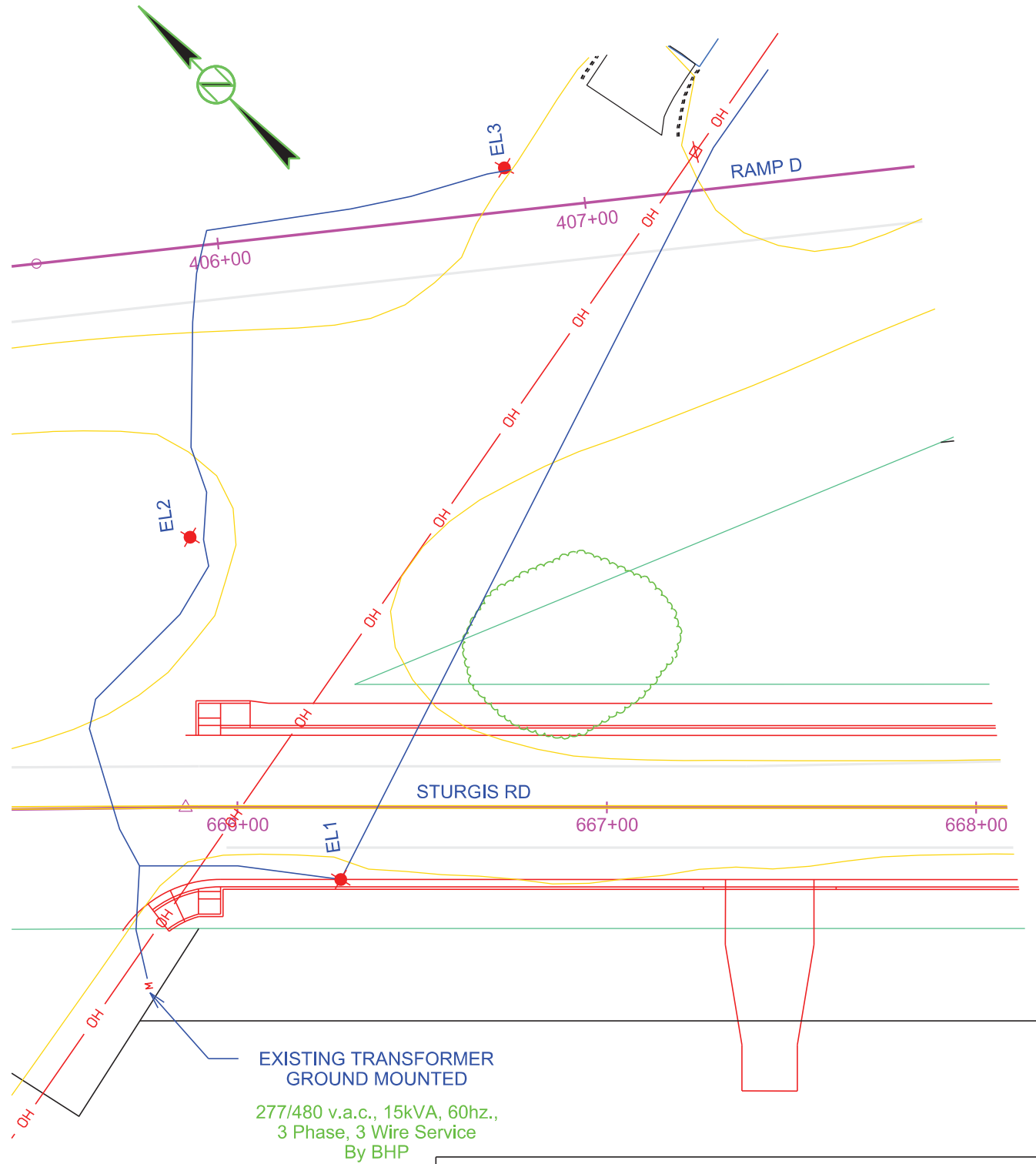
EXISTING LIGHTING LAYOUT

EXIT 46

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L10	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	

Plot Scale - 1:40



EXISTING TRANSFORMER
GROUND MOUNTED
277/480 v.a.c., 15kVA, 60hz.,
3 Phase, 3 Wire Service
By BHP

ESTIMATE OF QUANTITIES			
KEY	ITEM	EST QUANT	UNIT
○	Remove Luminaire Pole (EL1-EL6)	6	EACH
◆	Remove Luminaire Pole Footing (EL1-EL6, & TL1-TL3)	9	EACH

NOTE:
1. CONTRACTOR TO REMOVE POLE EL1-EL6 AFTER ROADWAY IS CLOSED TO TRAFFIC.



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OVERALL LAYOUT

INTERSTATE 90 AT EXIT 46

FOR BIDDING PURPOSES ONLY

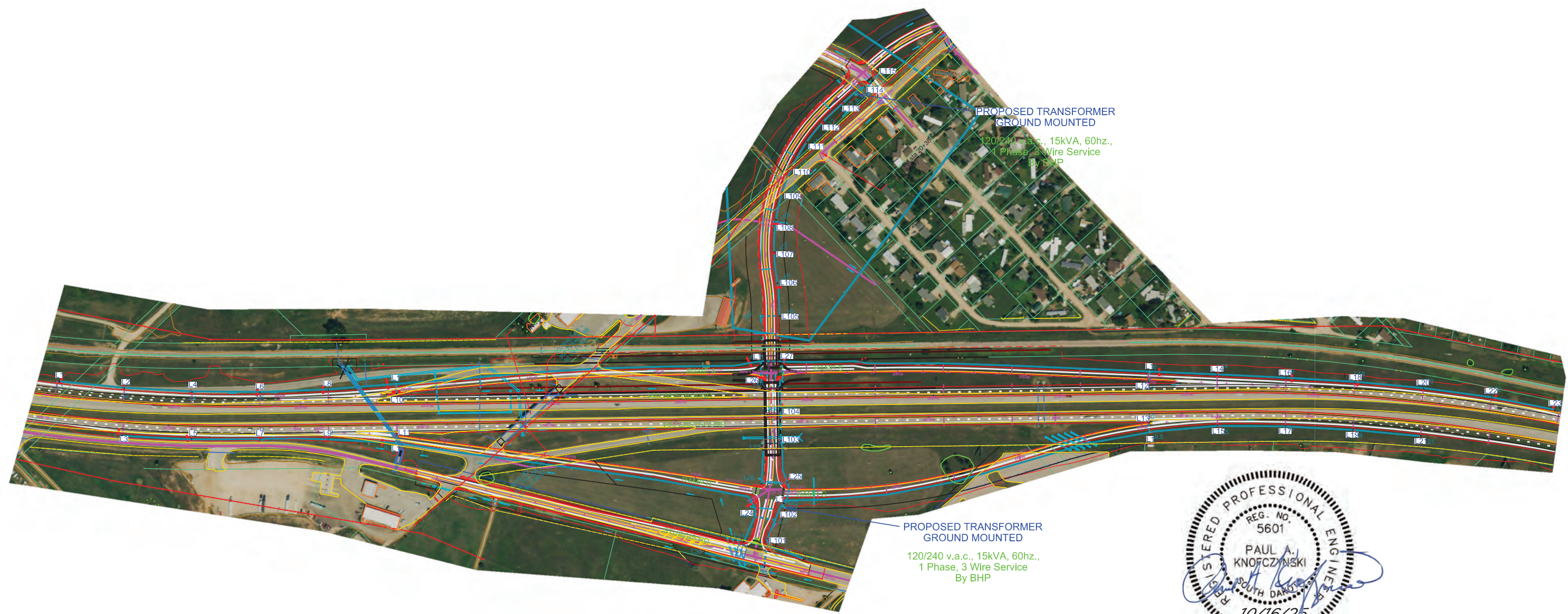
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STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L11	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	

Plot Scale - 1:400

Plotted From - Brandon Fried

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PROPOSED TRANSFORMER
GROUND MOUNTED
120/240 v.a.c., 15kVA, 60hz.,
1 Phase, 3 Wire Service
By BHP

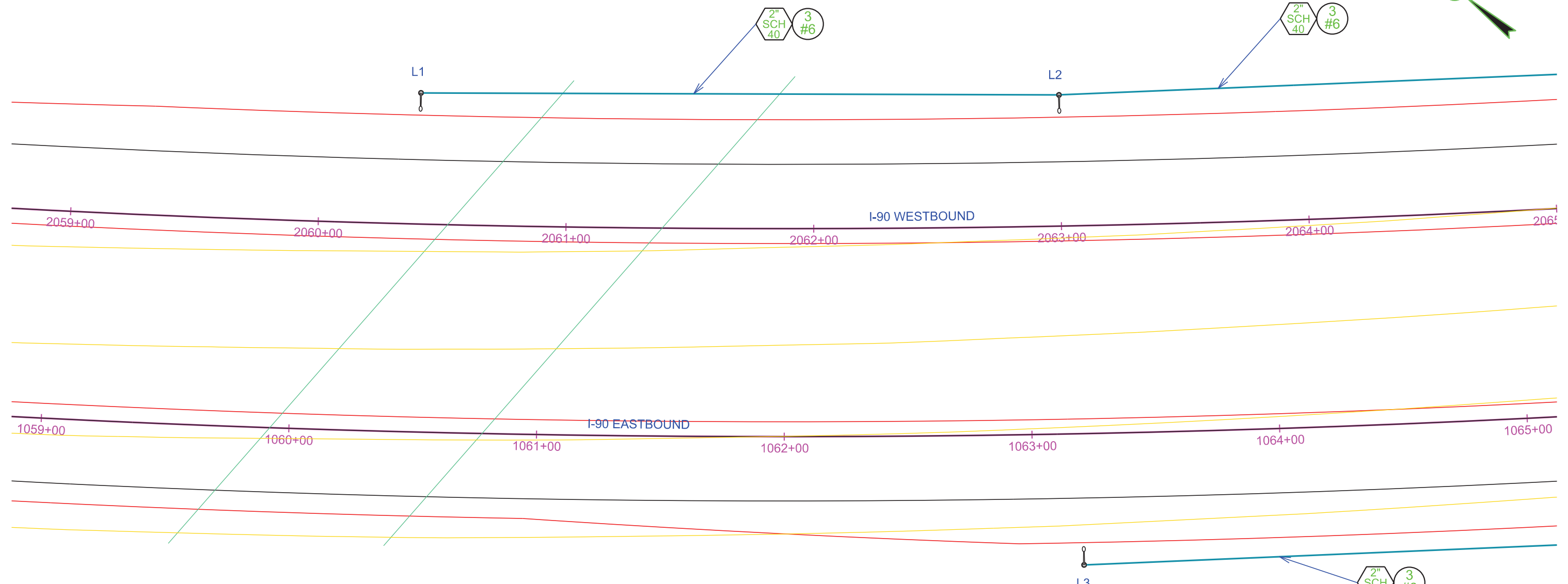
PROPOSED TRANSFORMER
GROUND MOUNTED
120/240 v.a.c., 15kVA, 60hz.,
1 Phase, 3 Wire Service
By BHP



CONDUIT LAYOUT FOR BIDDING PURPOSES ONLY

INTERSTATE 90

LUMINAIRE POLE LOCATIONS	
ITEM	STATION-OFFSET
L1	STA 2060+40-53.0' LT
L2	STA 2063+00-53.0' RT
L3	STA 1063+20-53.0' LT



ESTIMATE OF QUANTITIES

KEY	ITEM	EST QUANT	UNIT	KEY	ITEM	EST QUANT	UNIT	KEY	ITEM	EST QUANT	UNIT
⦿	Non-Breakway Base Luminaire Pole w/ Top Mount 30' Mounting Height (L101-L102, L105-L115)	13	EACH	⦿	Type 1 Electrical Junction Box (JL1-JL9, TJL1-TJL3)	12	EACH	⦿ #8	1/C #8 AWG Copper Wire	6,740	FT
⦿	Barrier Mounted Luminaire Pole w/ Top mount 30' Mounting Height (L103-L104)	2	EACH	⦿	Remove and Reset Luminaire Pole (TL1-TL3), (L1-L3)	3	EACH	⦿	2/C #10 AWG Copper Pole & Bracket Cable	2,745	FT
⦿	Breakway Base Luminaire Pole w/ Top Twin Mount 50' Mounting Height (L10-L11, L32-L33)	4	EACH	⦿	2" Rigid Conduit, Schedule 40	12,100	FT				
⦿	Breakway Base Luminaire Pole w/ 6' Arm 50' Mounting Height (L1-L9, L12-L31, L34-L67)	29	EACH	⦿	2" Rigid Conduit, Schedule 80	1,190	FT				
⦿	2' Diameter Footing	360	FT	⦿	4/4/4/4 ALU Quadraplex	1,750	FT				
⦿	Electrical Service Cabinet	2	EACH	⦿ #4	1/C #4 AWG Copper Wire	16,855	FT				
⦿	Electrical Meter Socket Not a Bid Item	2	EACH	⦿ #6	1/C #6 AWG Copper Wire	17,560	FT				



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CONDUIT LAYOUT

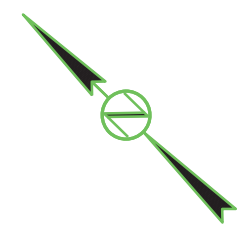
INTERSTATE 90

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L13	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	

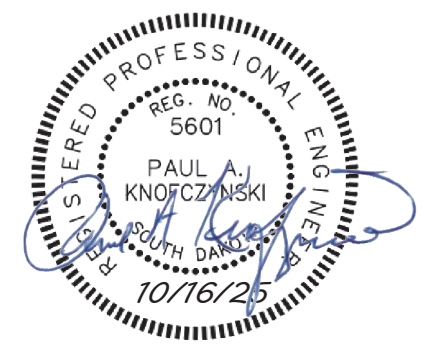
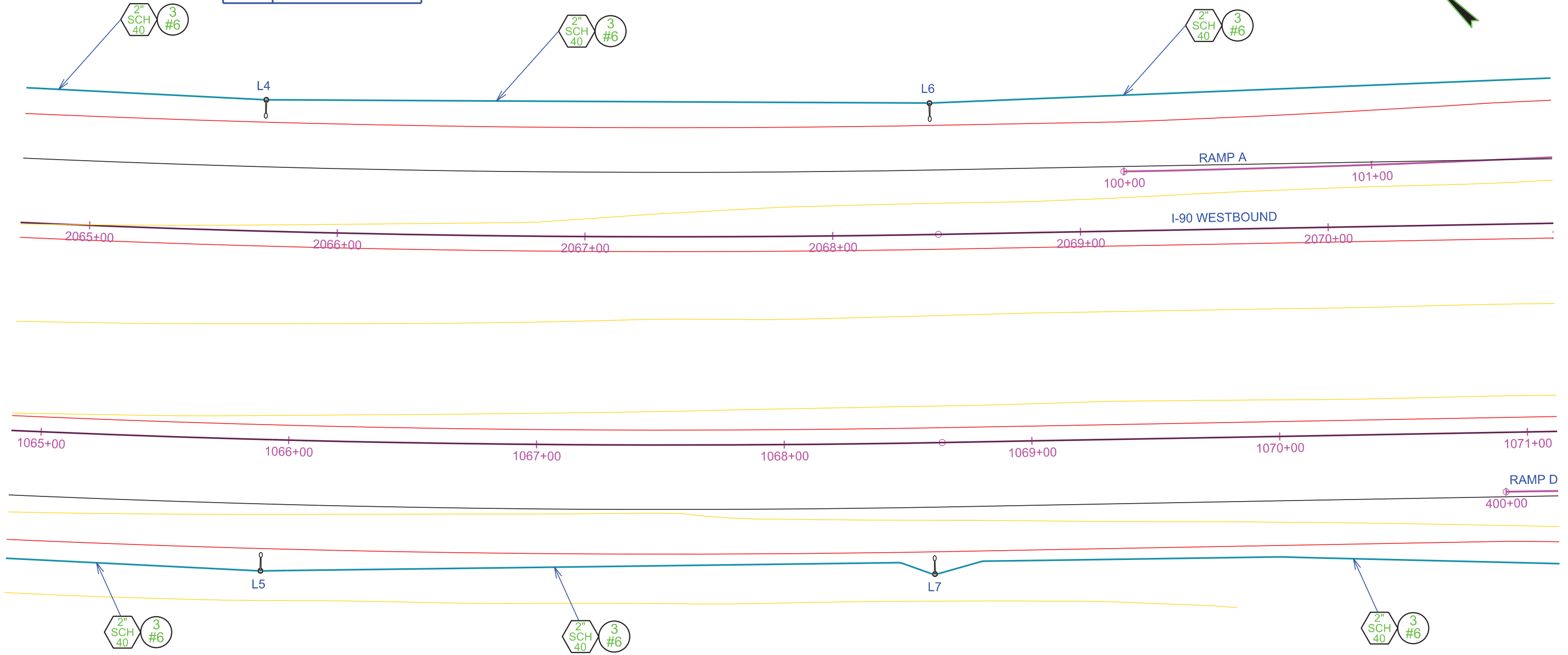
LUMINAIRE POLE LOCATIONS	
ITEM	STATION-OFFSET
L4	STA 2065+70-53.0' LT
L5	STA 1065+90-53.0' RT
L6	STA 2068+40-53.0' LT
L7	STA 1068+60-53.0' RT



Plot Scale - 1:40

Plotted From - Brandon Fried

File - ...Sections\Section L11065c.dgn



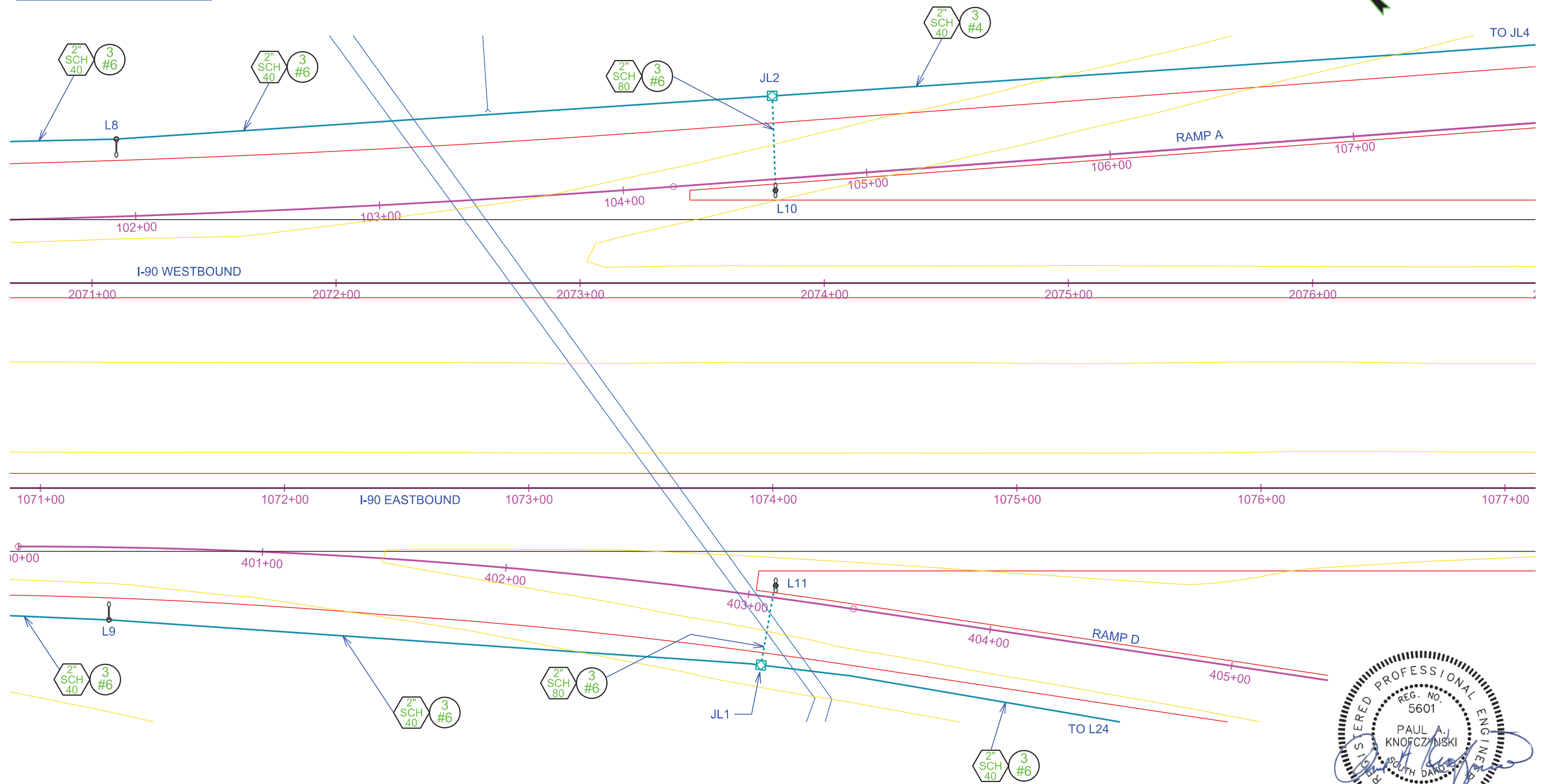
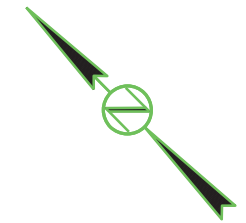
LUMINAIRE POLE LOCATIONS	
ITEM	STATION-OFFSET
L8	STA 101+95-32.0' LT
L9	STA 400+40-30.0' RT
JL2	STA 104+65-34.0' LT
JL1	STA 403+10-28.0' RT
L10	STA 104+65-5.0' RT
L11	STA 403+10-5.0' LT

CONDUIT LAYOUT

INTERSTATE 90

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L14	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	



Plotted From: Brandon Fried Plot Scale: 1"=40'

File: ...Sections\Section L11071c.dgn

CONDUIT LAYOUT

INTERSTATE 90

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA

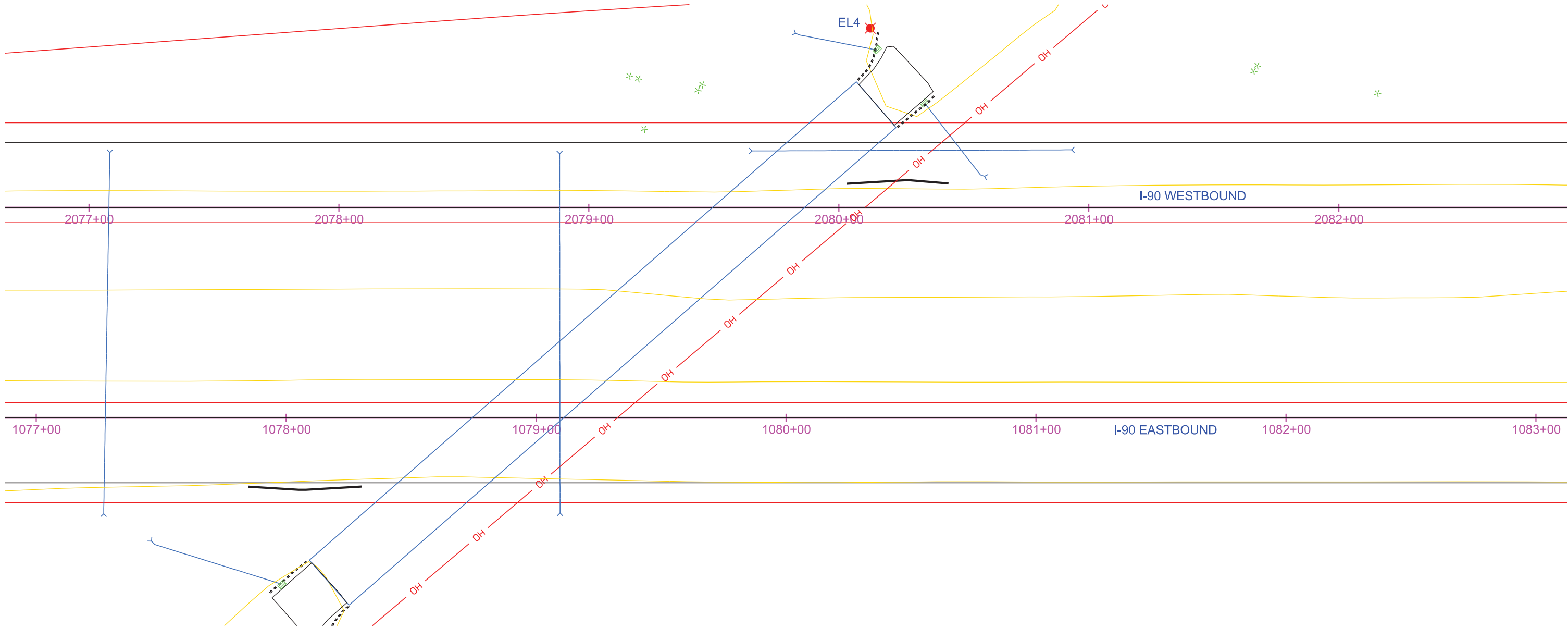
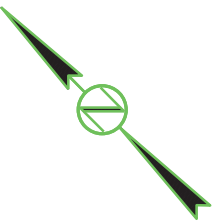
PROJECT
IM-CR-EM 0901(187)44

SHEET
L15

TOTAL SHEETS
L47

Plotting Date: 10/16/2025

Rev: 10/16/2025 PAK



Plot Scale - 1:40

Plotted From - Brandon Fried

File - ...Sections\Section L11077c.dgn



CONDUIT LAYOUT

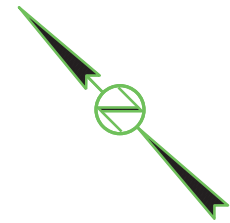
INTERSTATE 90

FOR BIDDING PURPOSES ONLY

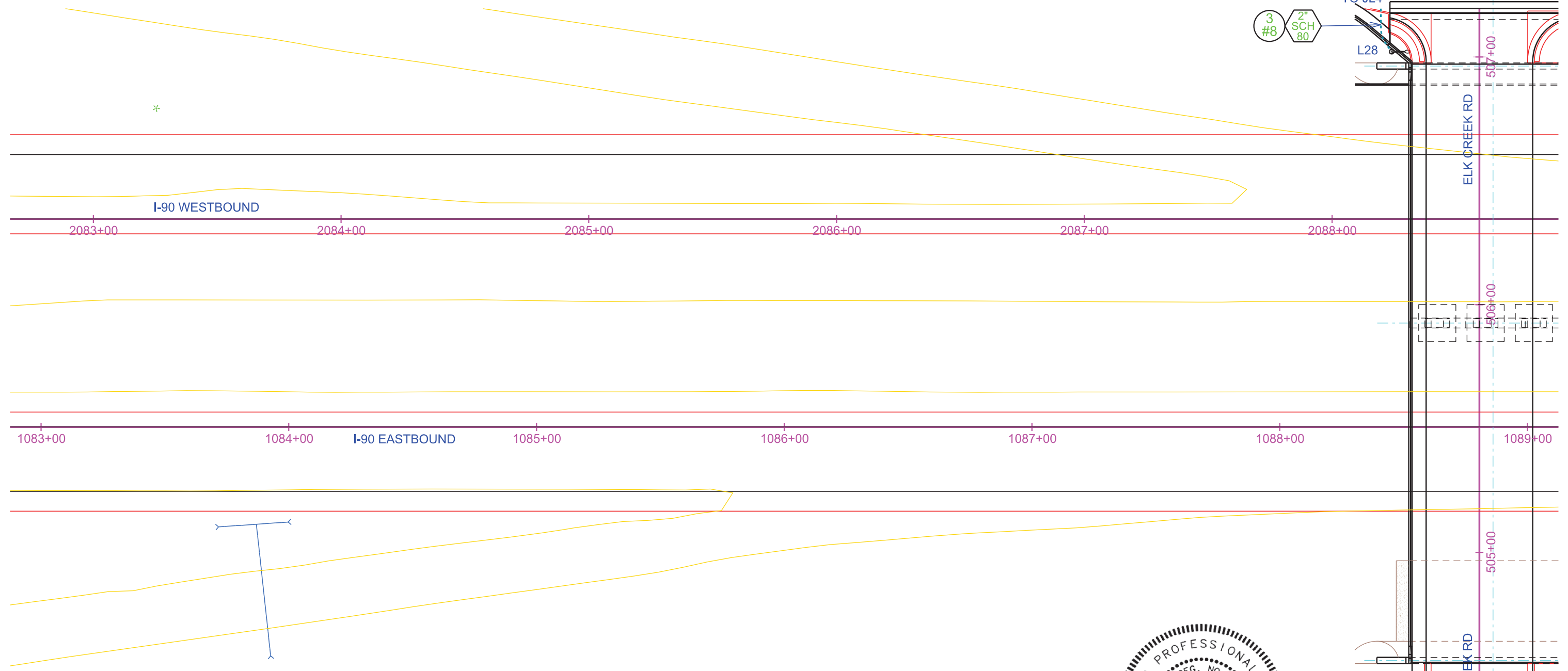
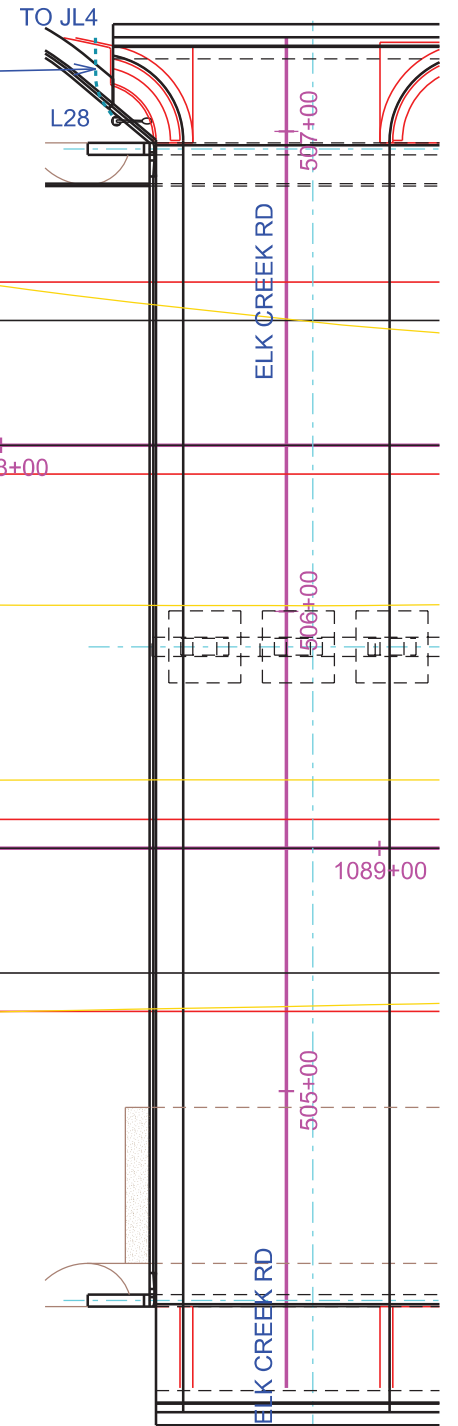
KL1

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L16	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	

LUMINAIRE POLE LOCATIONS	
ITEM	STATION-OFFSET
L28	STA 507+00-35.4' LT



3 #8
2" SCH 80



Plotted From: Brandon Fried 1:40

File: ...Sections\Section L11083c.dgn

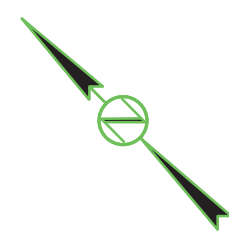
CONDUIT LAYOUT

INTERSTATE 90

FOR BIDDING PURPOSES ONLY

KLJ

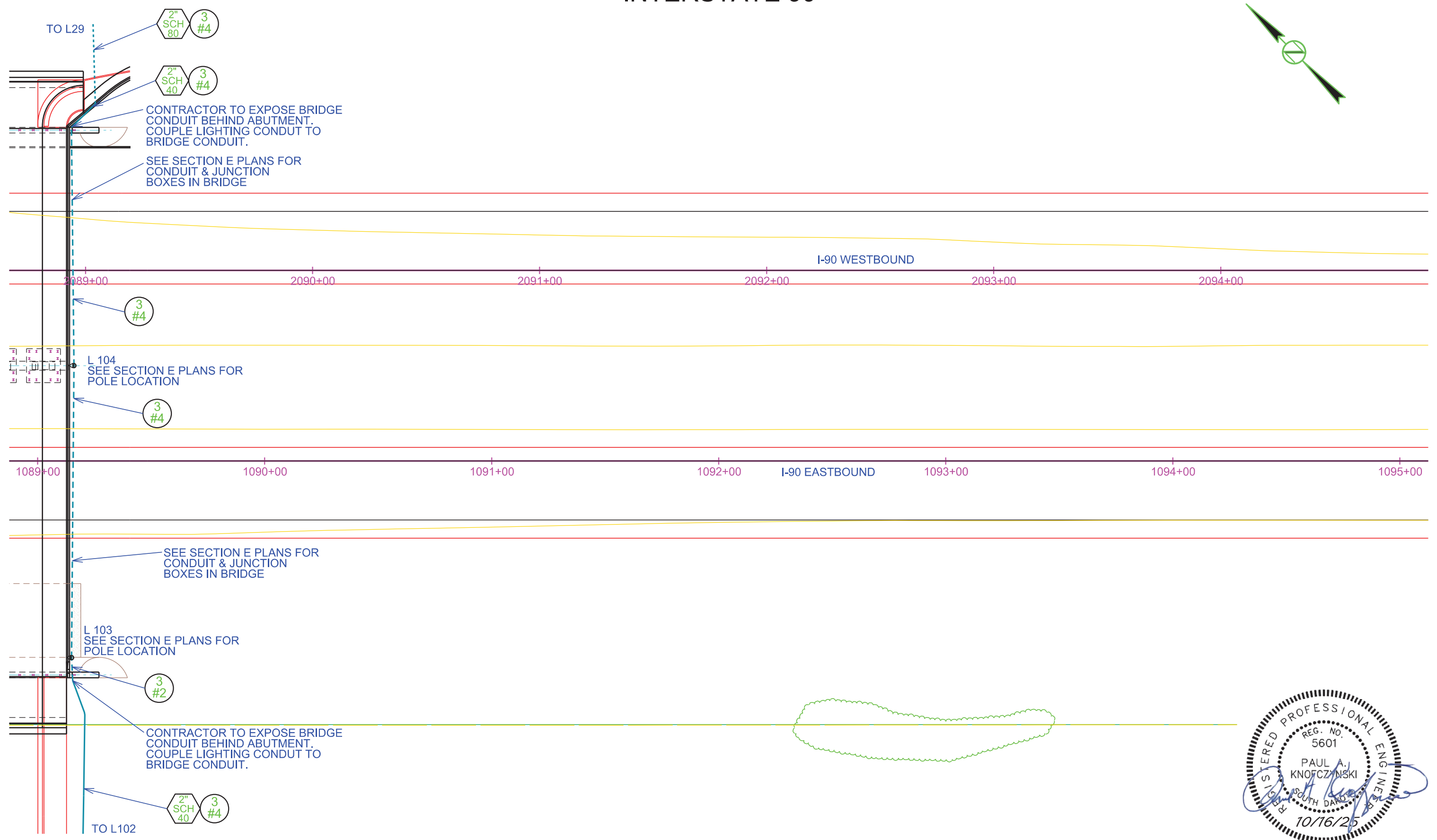
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L17	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	



Plot Scale - 1:40

Plotted From - Brandon Fried

File - ...Sections\Section L11089c.dgn



CONDUIT LAYOUT

INTERSTATE 90

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF
SOUTH
DAKOTA

PROJECT
IM-CR-EM 0901(187)44

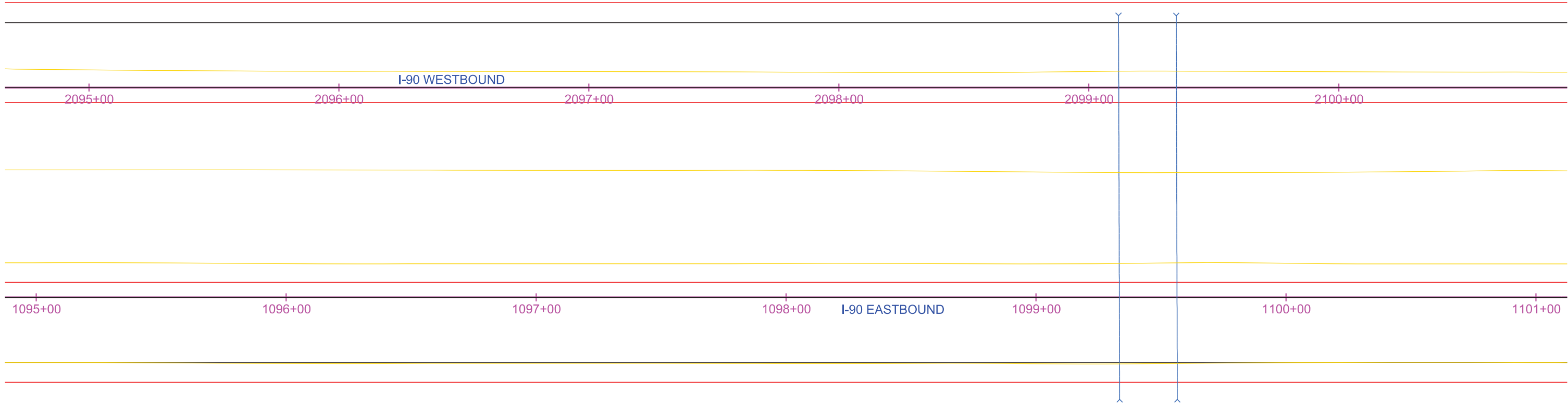
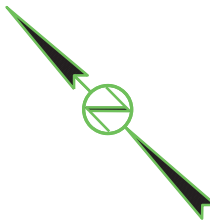
SHEET
L18

TOTAL
SHEETS
L47

Plotting Date:

10/16/2025

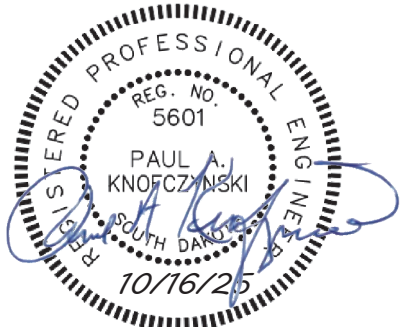
Rev: 10/16/2025 PAK



Plot Scale - 1:40

Plotted From - Brandon Fried

File - ...Sections\Section L11095c.dgn



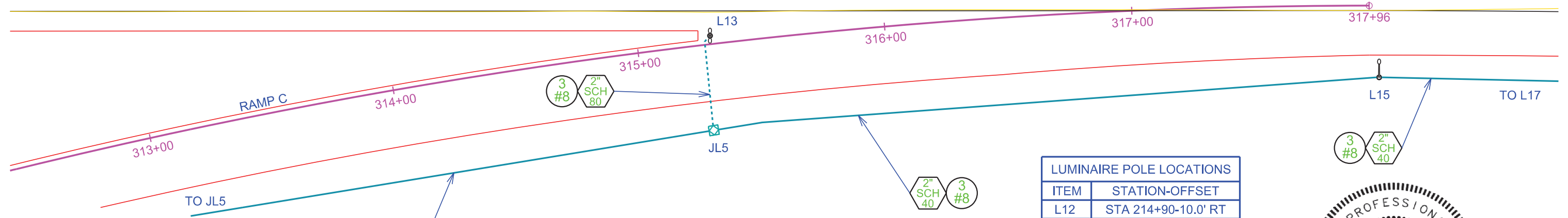
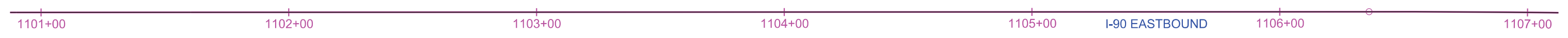
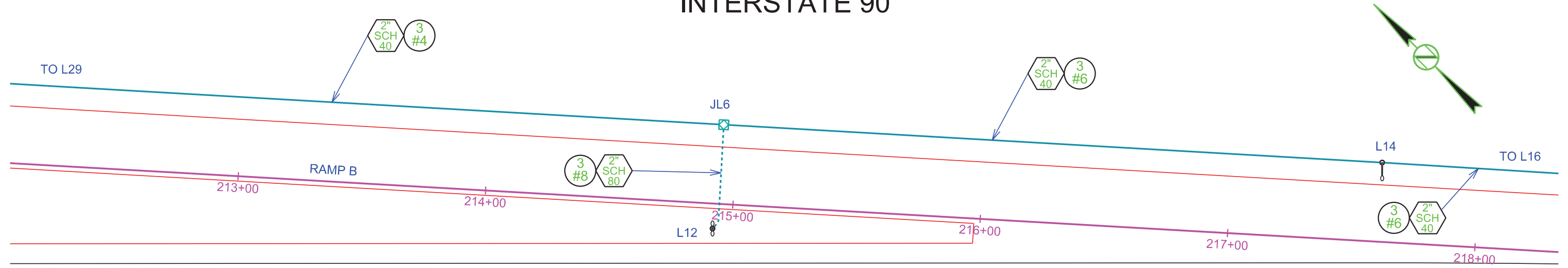
CONDUIT LAYOUT

INTERSTATE 90

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L19	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	

Plot Scale - 1:40



LUMINAIRE POLE LOCATIONS	
ITEM	STATION-OFFSET
L12	STA 214+90-10.0' RT
L13	STA 315+30-3.5' LT
JL5	STA 315+35-34.0' RT
JL6	STA 214+95-32.0' LT
L14	STA 217+60-32.0' LT
L15	STA 1106+40-53.0' RT



Plotted From - Brandon Fried

File - ...Sections\Section L11101c.dgn

Plot Scale - 1:40

Plotted From - Brandon Fried

File - ...Sections\Section L1107c.dgn

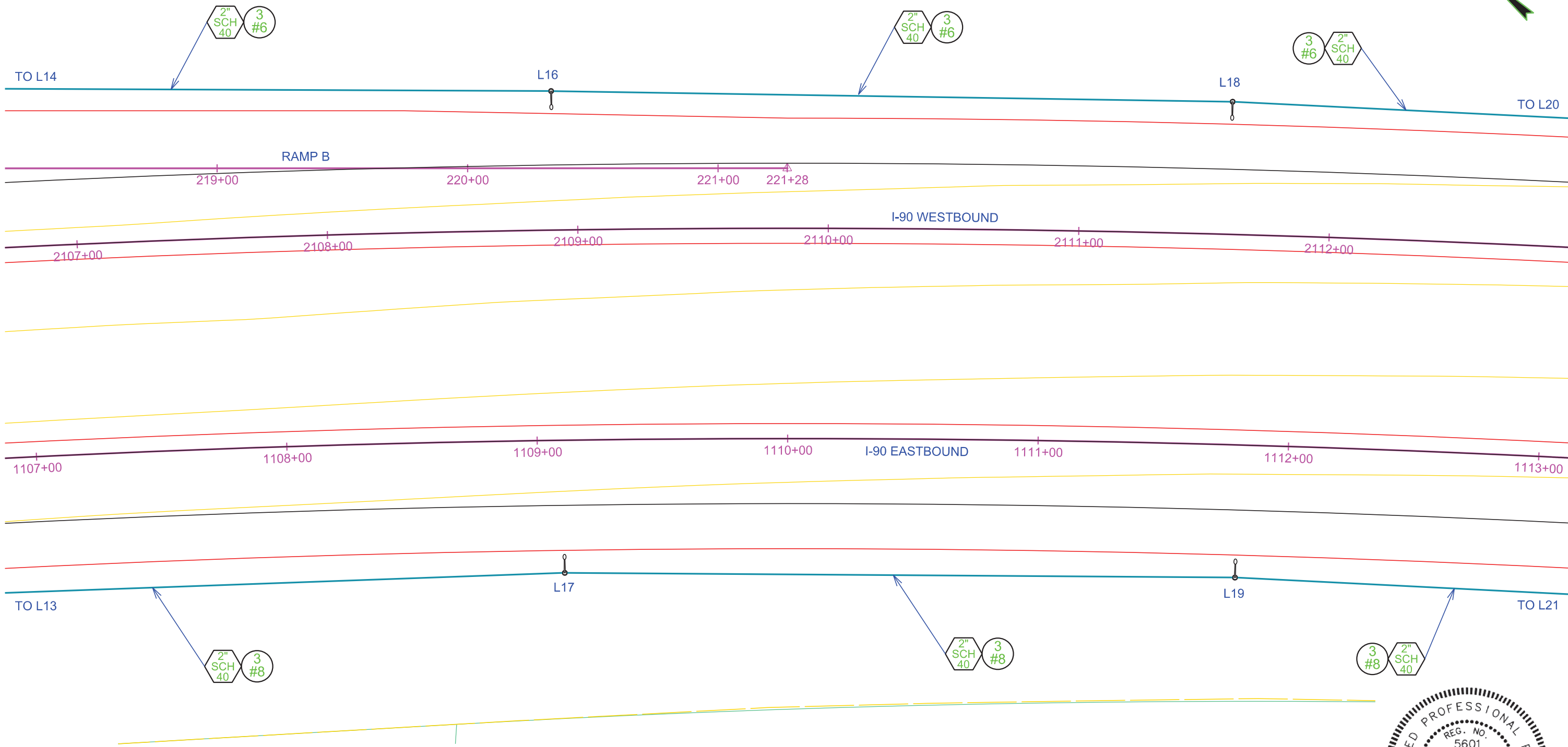
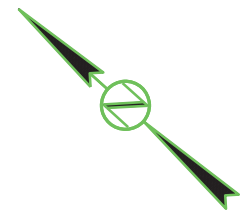
LUMINAIRE POLE LOCATIONS	
ITEM	STATION-OFFSET
L16	STA 220+35-33.8' LT
L17	STA 1109+10-53.0' RT
L18	STA 2111+60-53.0' LT
L19	STA 1111+20-53.0' RT

CONDUIT LAYOUT

INTERSTATE 90

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L20	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	



CONDUIT LAYOUT INTERSTATE 90

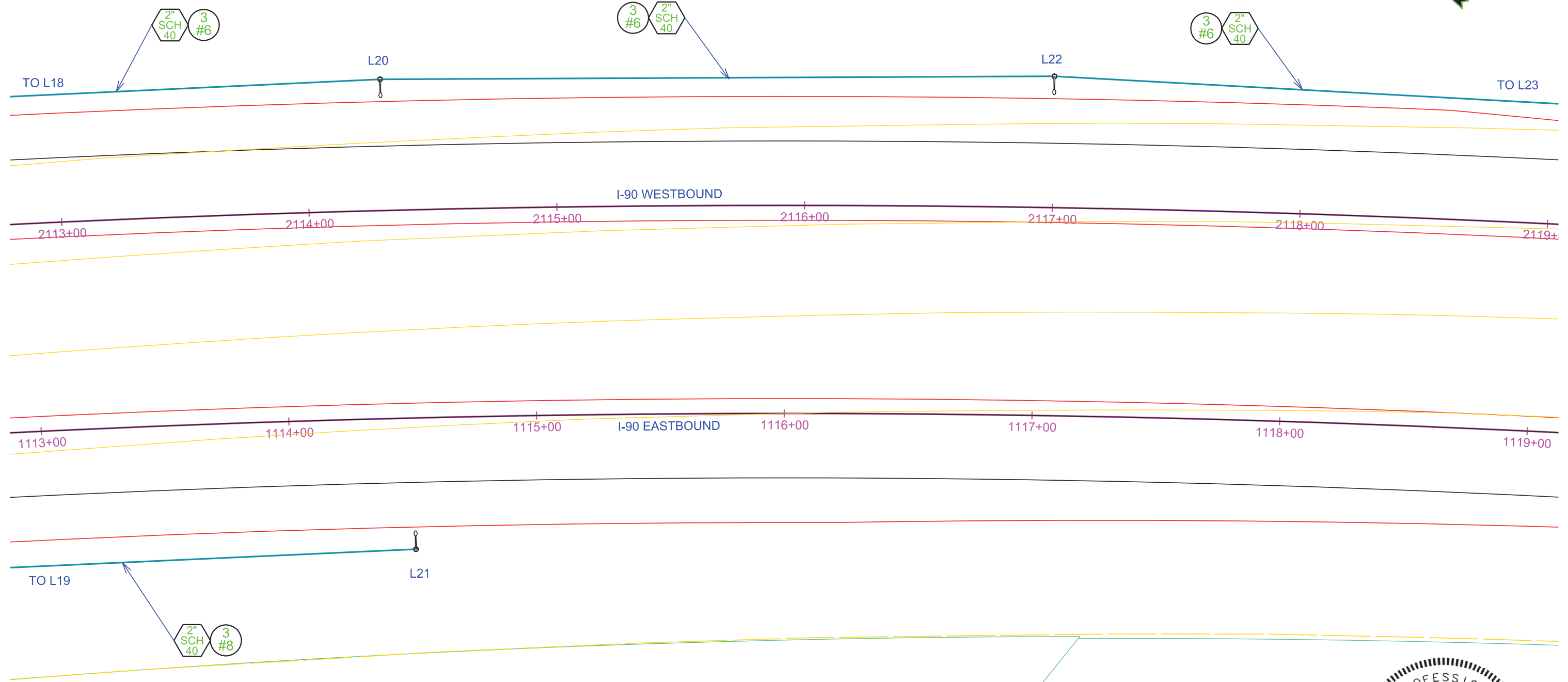
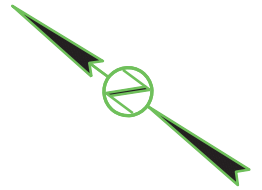
FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA	PROJECT IM-CR-EM 0901(187)44	SHEET L21	TOTAL SHEETS L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	

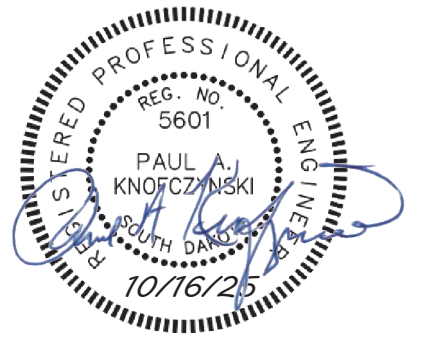
LUMINAIRE POLE LOCATIONS	
ITEM	STATION-OFFSET
L20	STA 2114+30-53.0' LT
L21	STA 1114+50-53.0' RT
L22	STA 2117+00-53.0' LT

Plot Scale - 1:40



Plotted From - Brandon Fried

File - ...Sections\Section L1113c.dgn

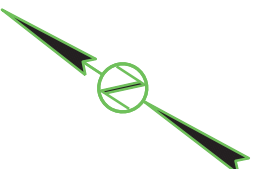


CONDUIT LAYOUT FOR BIDDING PURPOSES ONLY

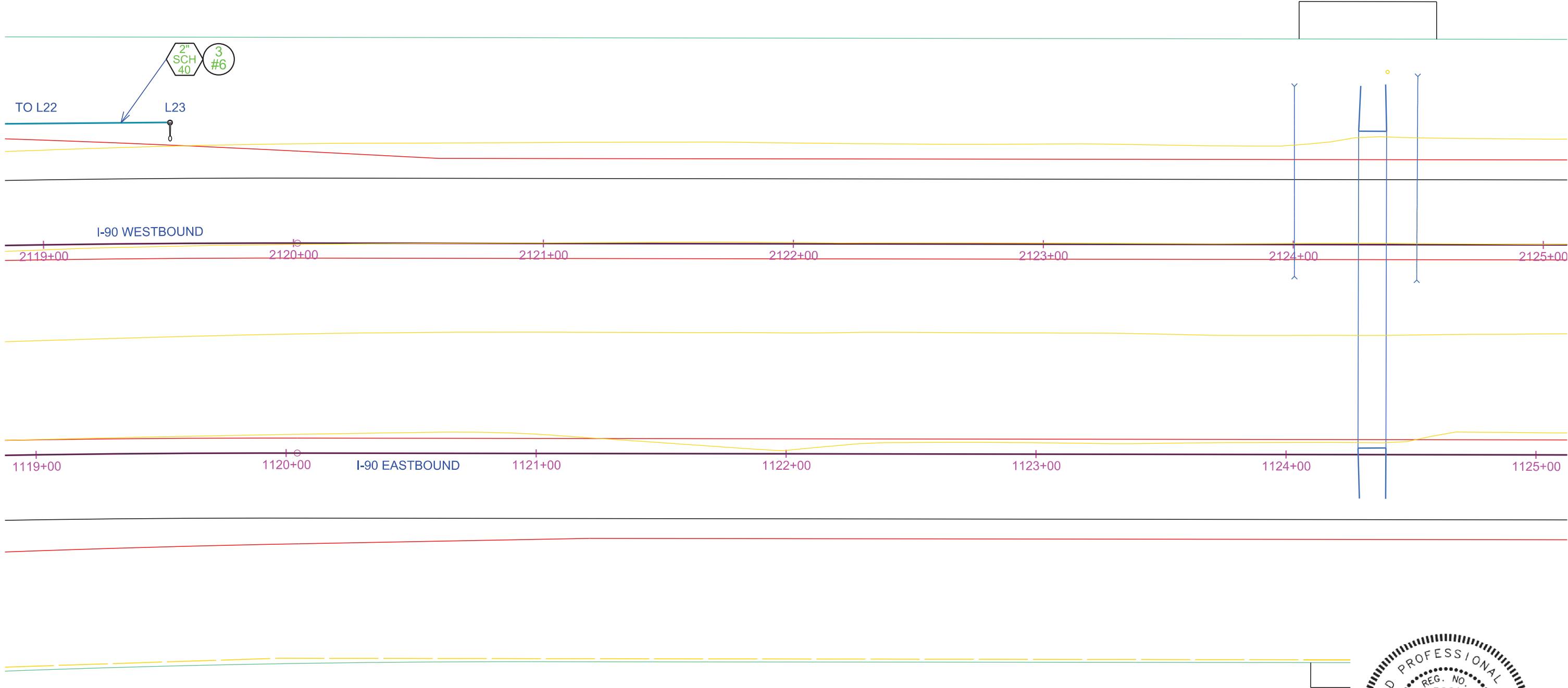
INTERSTATE 90

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L22	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	

LUMINAIRE POLE LOCATIONS	
ITEM	STATION-OFFSET
L23	STA 2119+51-48.4' L



Plot Scale - 1:40



Plotted From - Brandon Fried

File - ...Sections\Section L1119c.dgn



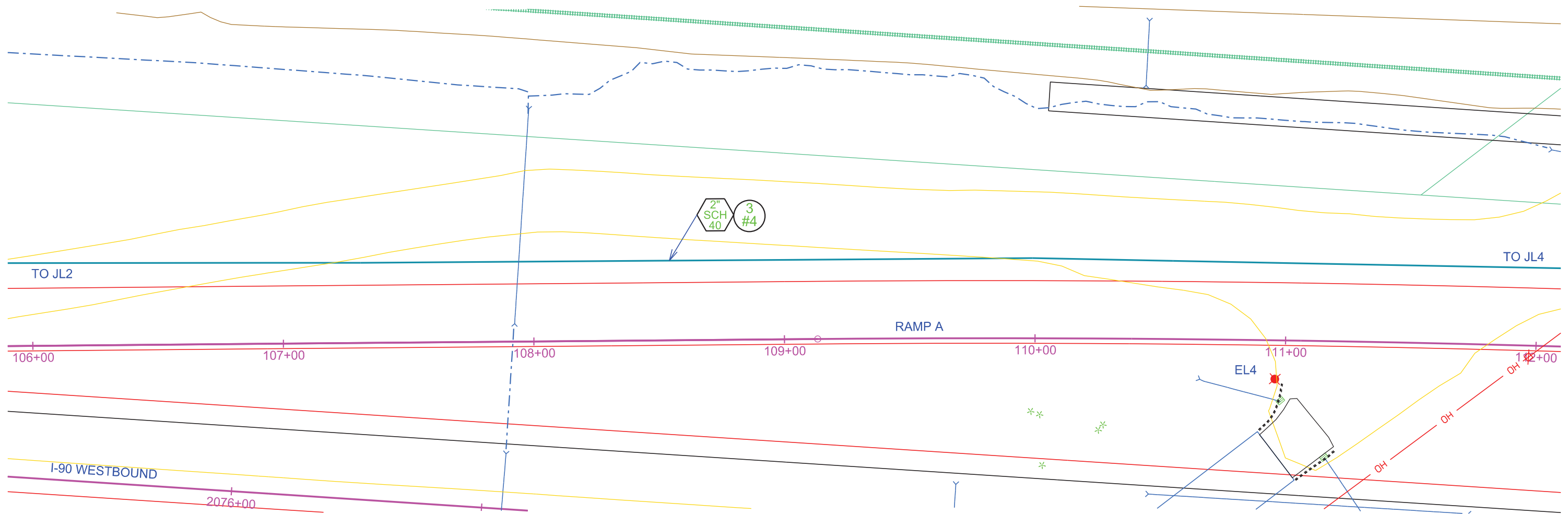
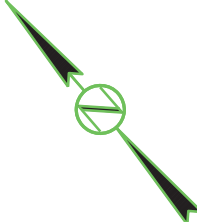
CONDUIT LAYOUT

RAMP A

FOR BIDDING PURPOSES ONLY

KL1

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L23	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	



Plot Scale - 1:40

Plotted From - Brandon Fried

File - ...Sections\Section L1106c.dgn



CONDUIT LAYOUT

RAMP A

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA

PROJECT
IM-CR-EM 0901(187)44

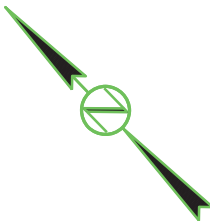
SHEET
L24

TOTAL SHEETS
L47

Plotting Date:

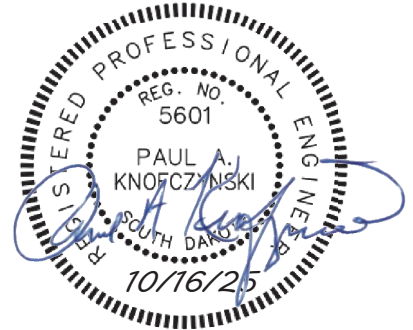
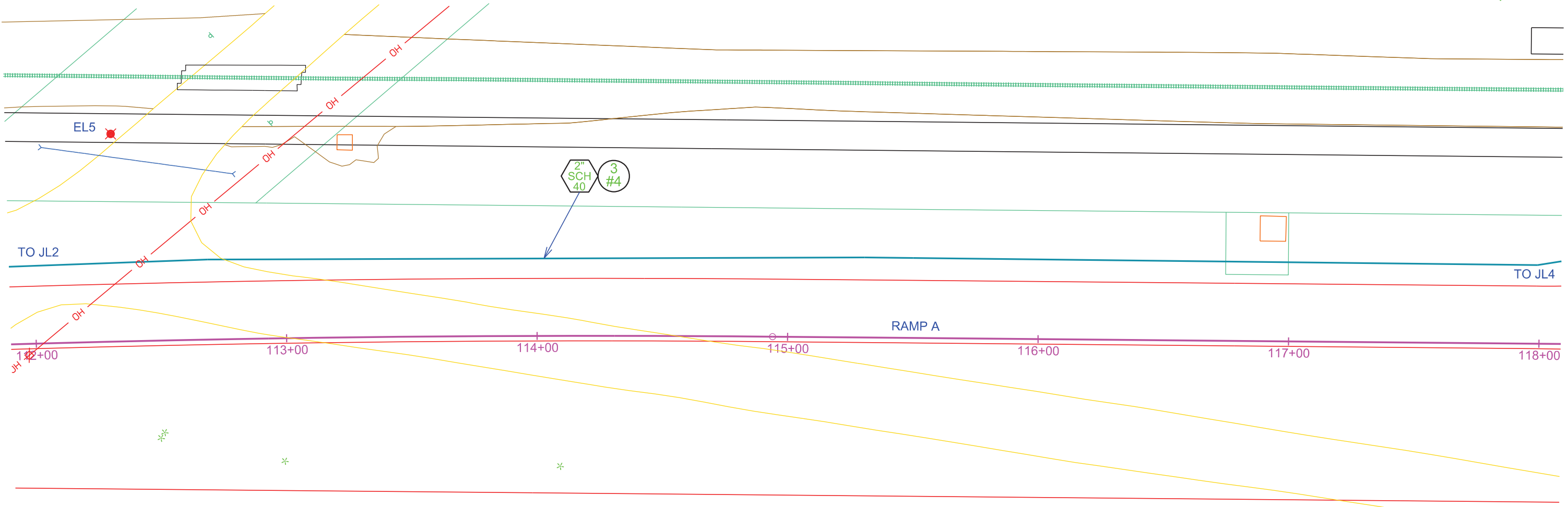
10/16/2025

Rev: 10/16/2025 PAK



Plot Scale - 1:40

Plotted From - Brandon Fried



File - ...Sections\Section L112.c.dgn

CONDUIT LAYOUT

RAMP A

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA

PROJECT
IM-CR-EM 0901(187)44

SHEET
L25

TOTAL SHEETS
L47

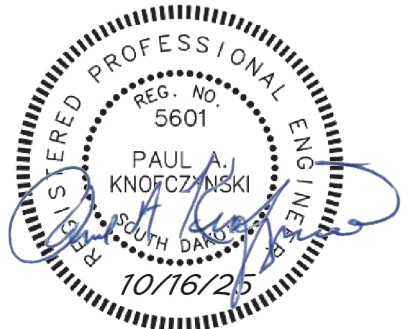
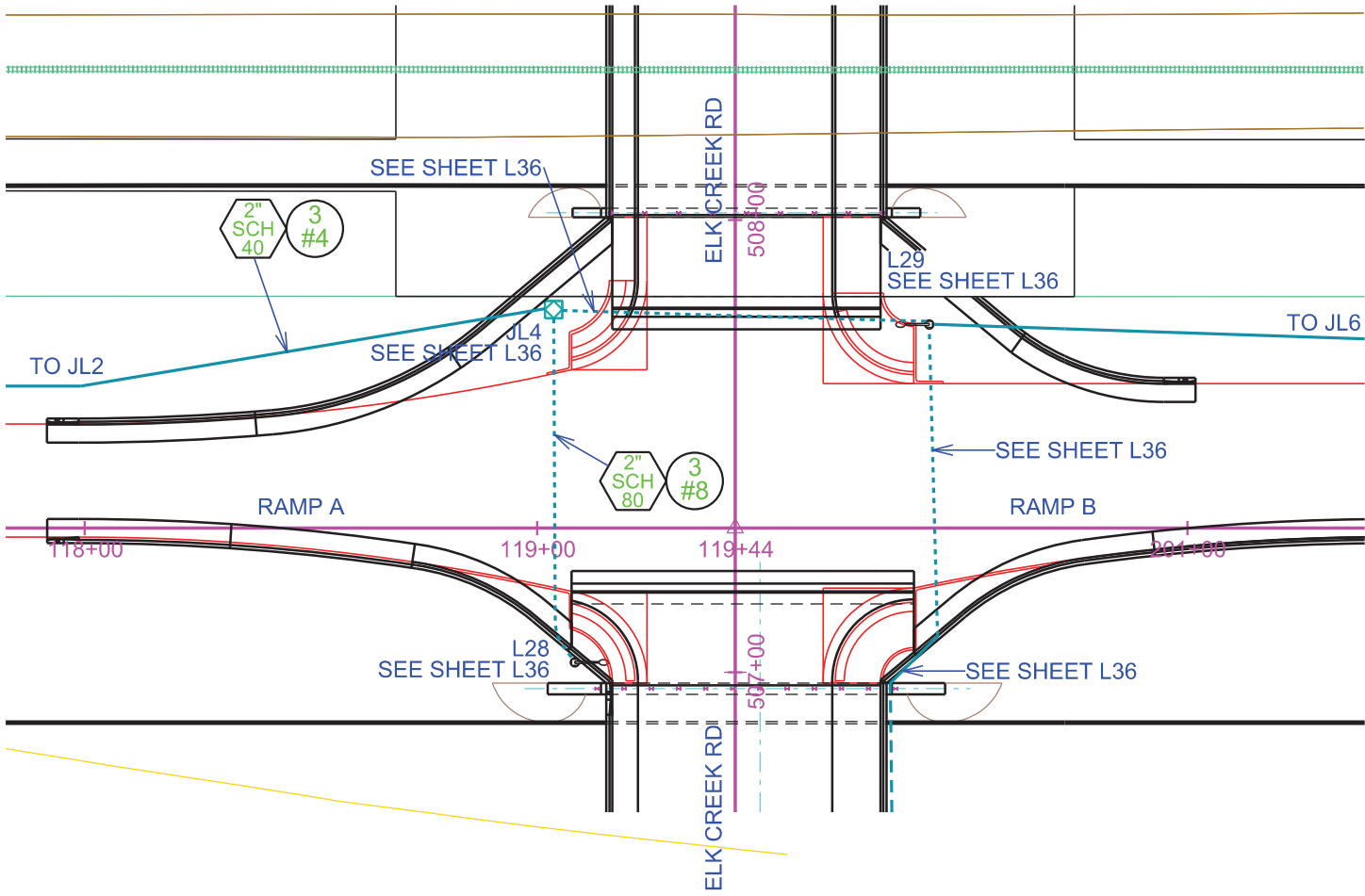
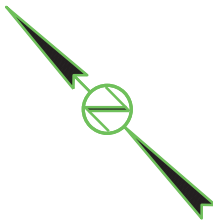
Plotting Date:

10/16/2025

Rev: 10/16/2025 PAK

Plot Scale - 1:40

Plotted From - Brandon Fried



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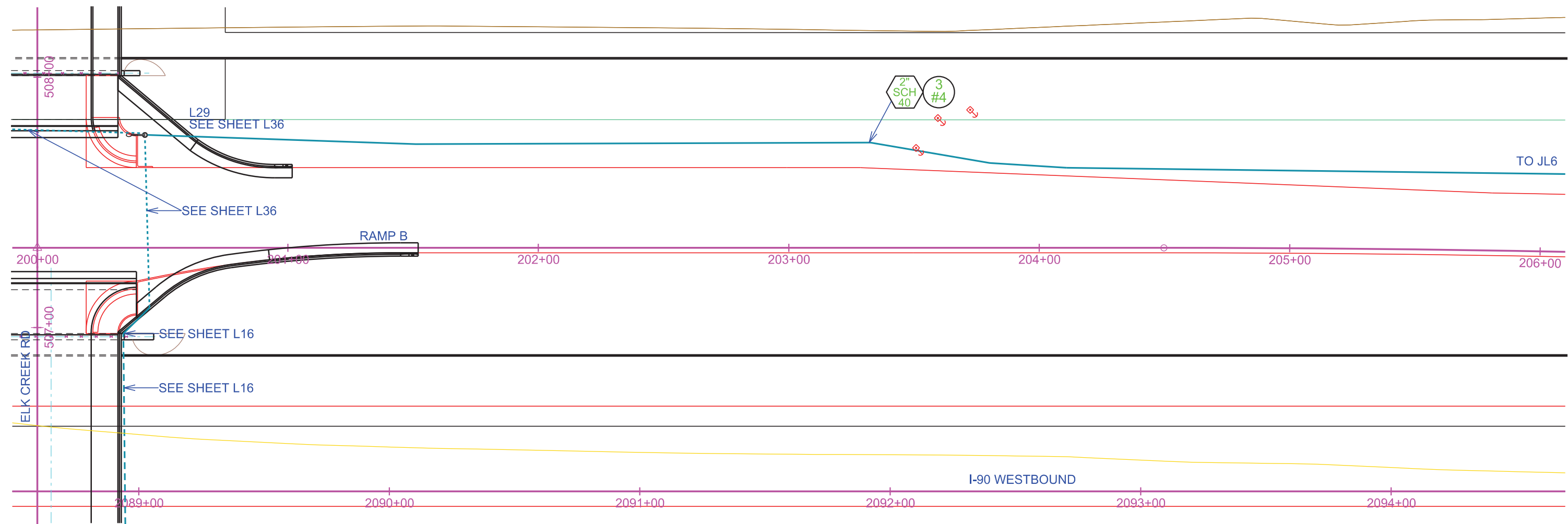
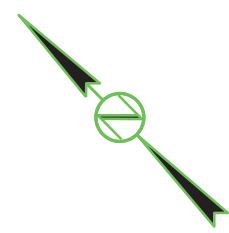
CONDUIT LAYOUT

RAMP B

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L26	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	



Plot Scale - 1:40

Plotted From - Brandon Fried

File - ...Sections\Section L1200c.dgn



CONDUIT LAYOUT

RAMP B

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA

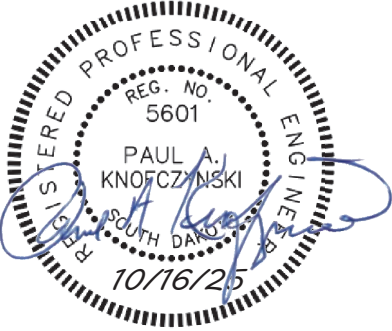
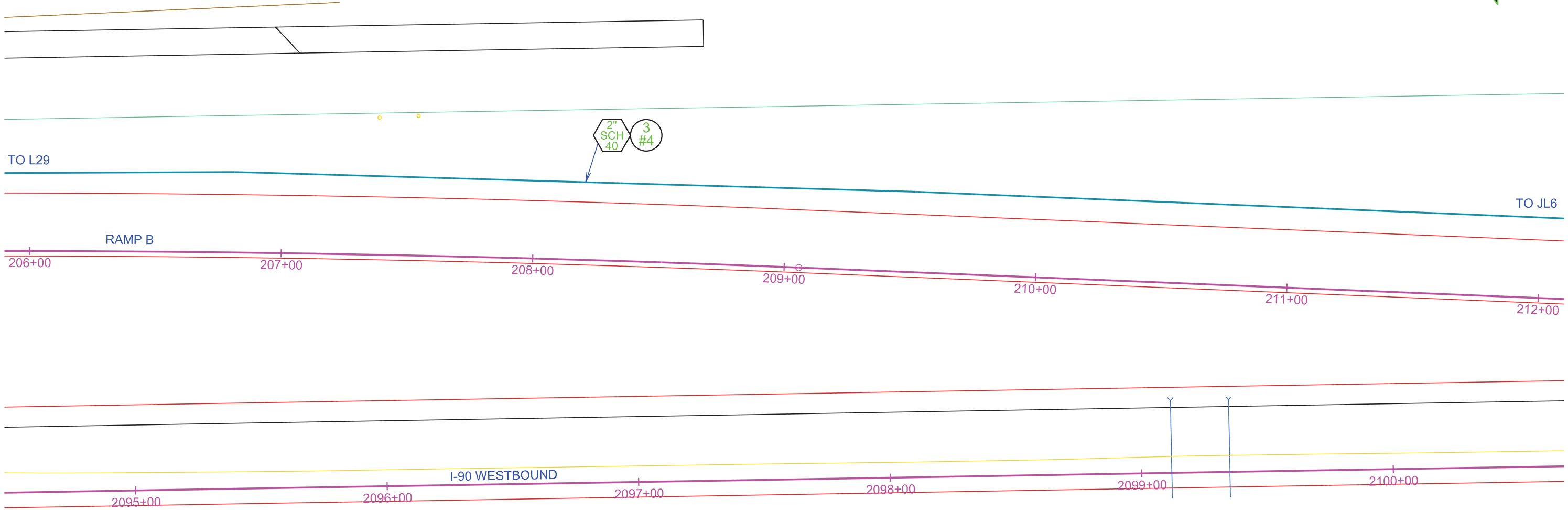
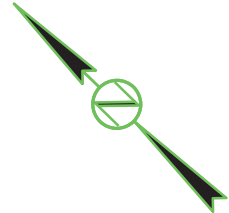
PROJECT
IM-CR-EM 0901(187)44

SHEET
L27

TOTAL SHEETS
L47

Plotting Date: 10/16/2025

Rev: 10/16/2025 PAK



Plot Scale - 1:40

Plotted From - Brandon Fried

File - ...Sections\Section L206c.dgn

CONDUIT LAYOUT

RAMP B

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA

PROJECT
IM-CR-EM 0901(187)44

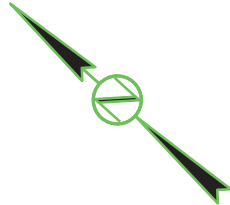
SHEET
L28

TOTAL SHEETS
L47

Plotting Date:

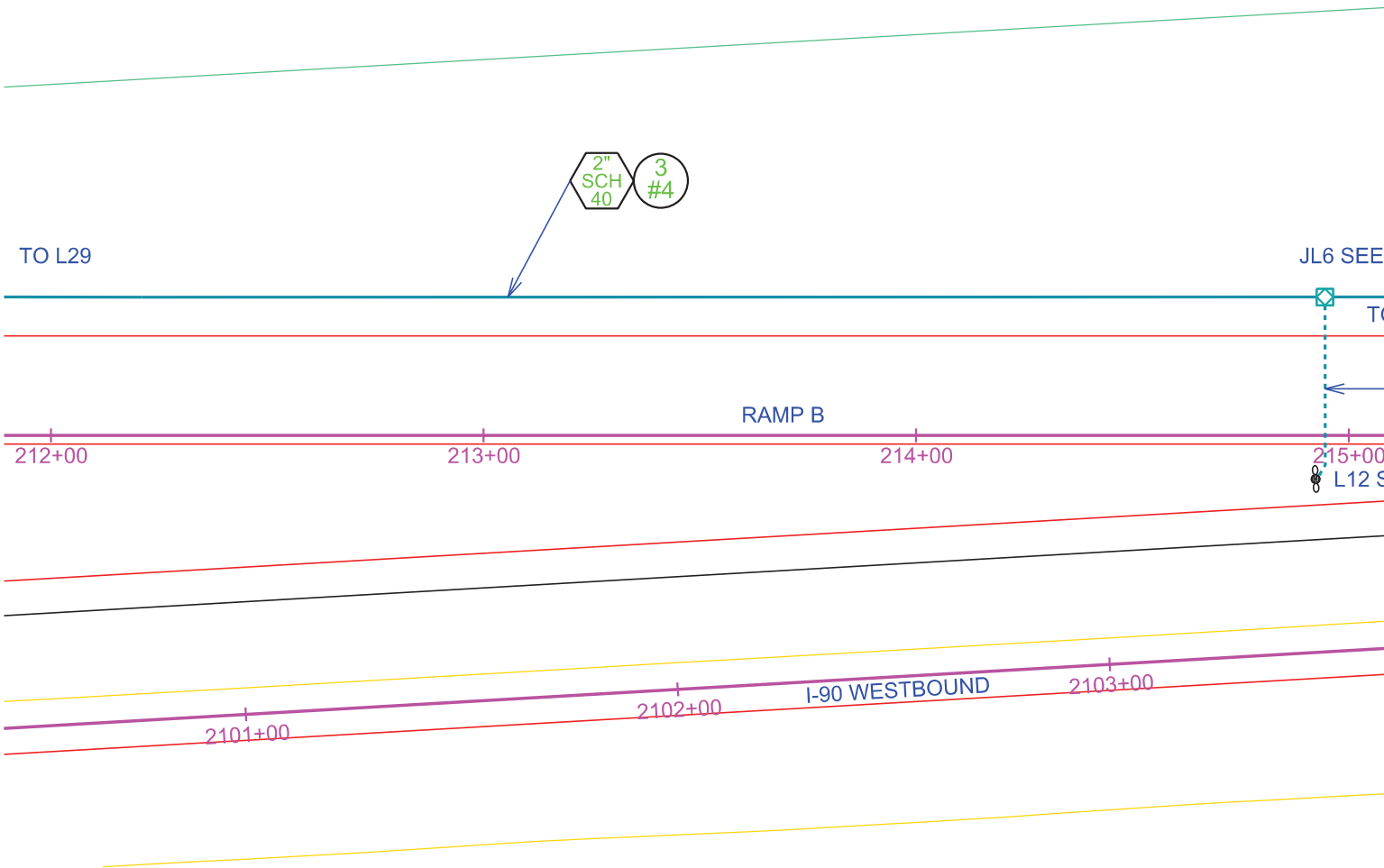
10/16/2025

Rev: 10/16/2025 PAK



Plot Scale - 1:40,000

Plotted From - Brandon Fried



File - ...Sections\Section L1212c.dgn

CONDUIT LAYOUT

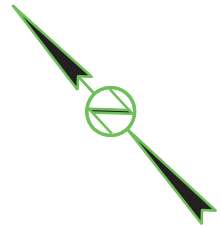
RAMP C

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L29	L47

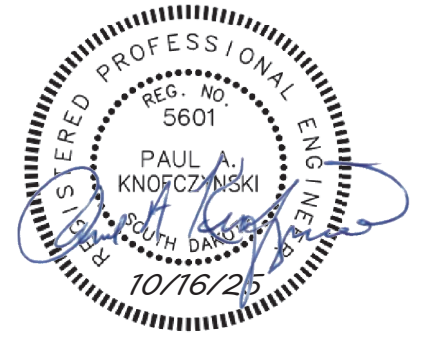
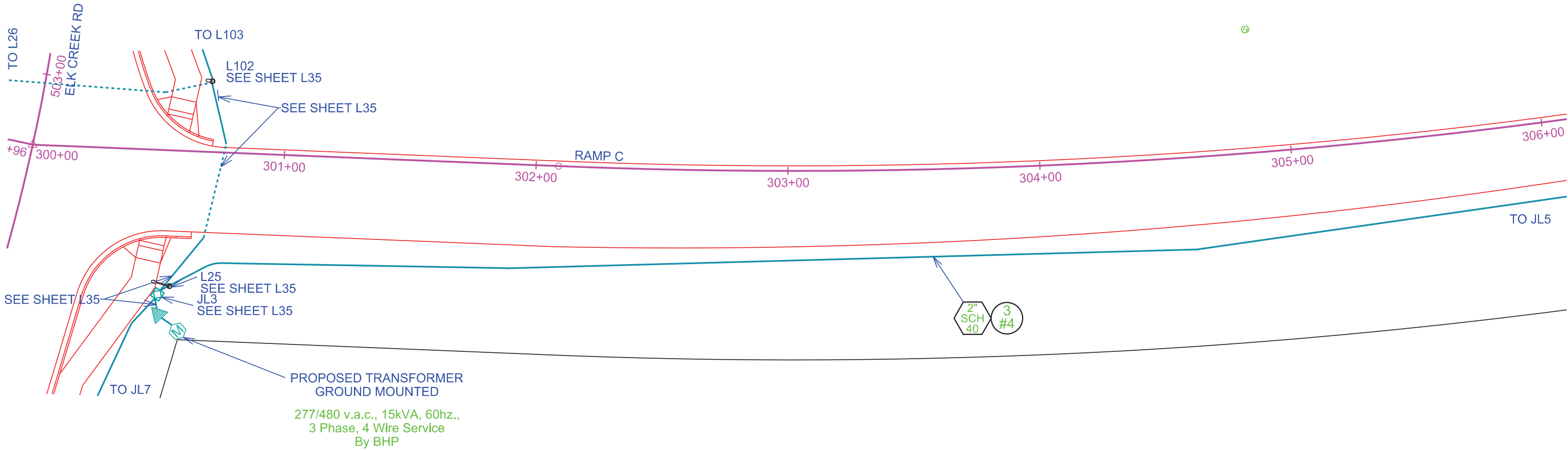
Plotting Date: 10/16/2025 Rev: 10/16/2025 PAK



Plot Scale - 1"=40'

Plotted From - Brandon Fried

File - ...Sections\Section L1300c.dgn



CONDUIT LAYOUT

RAMP C

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA

PROJECT
IM-CR-EM 0901(187)44

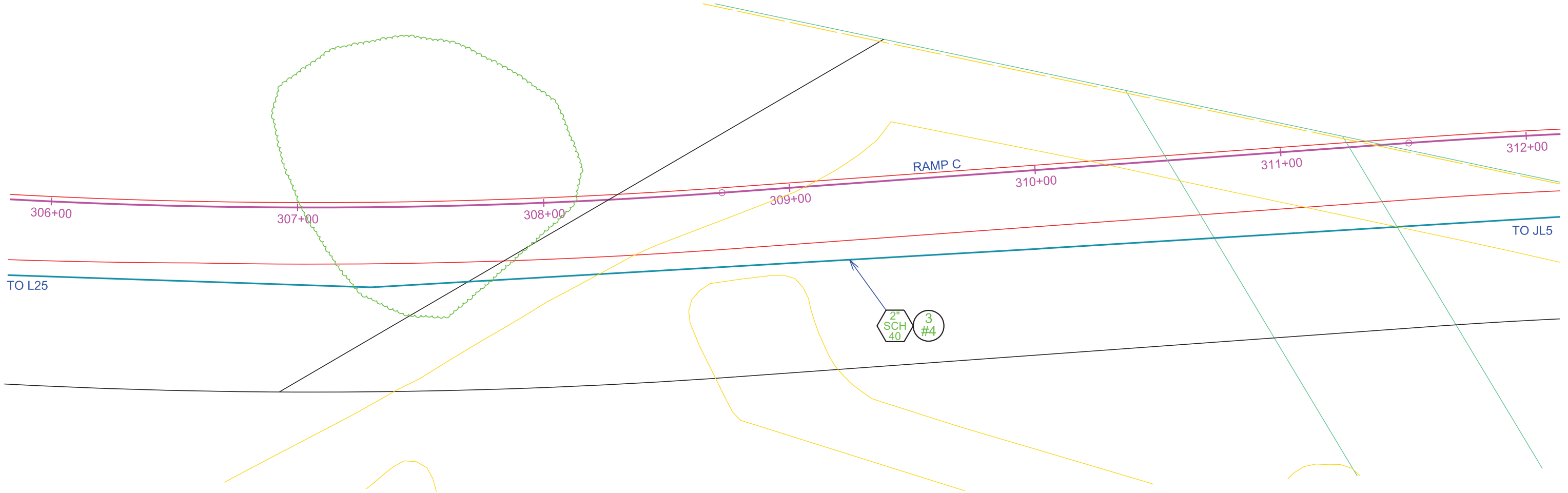
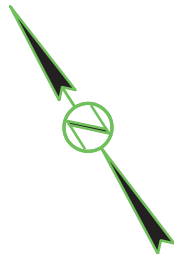
SHEET
L30

TOTAL SHEETS
L47

Plotting Date:

10/16/2025

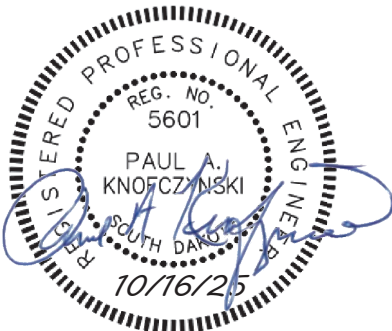
Rev: 10/16/2025 PAK



Plot Scale - 1:40

Plotted From -
Brandyn Fried
Brandyn@mead

File - ...Sections\Section L1306c.dgn



CONDUIT LAYOUT

RAMP C

FOR BIDDING PURPOSES ONLY

KL1

STATE OF SOUTH DAKOTA

PROJECT
IM-CR-EM 0901(187)44

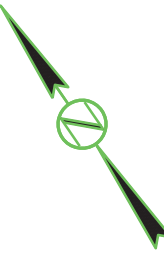
SHEET
L31

TOTAL SHEETS
L47

Plotting Date:

10/16/2025

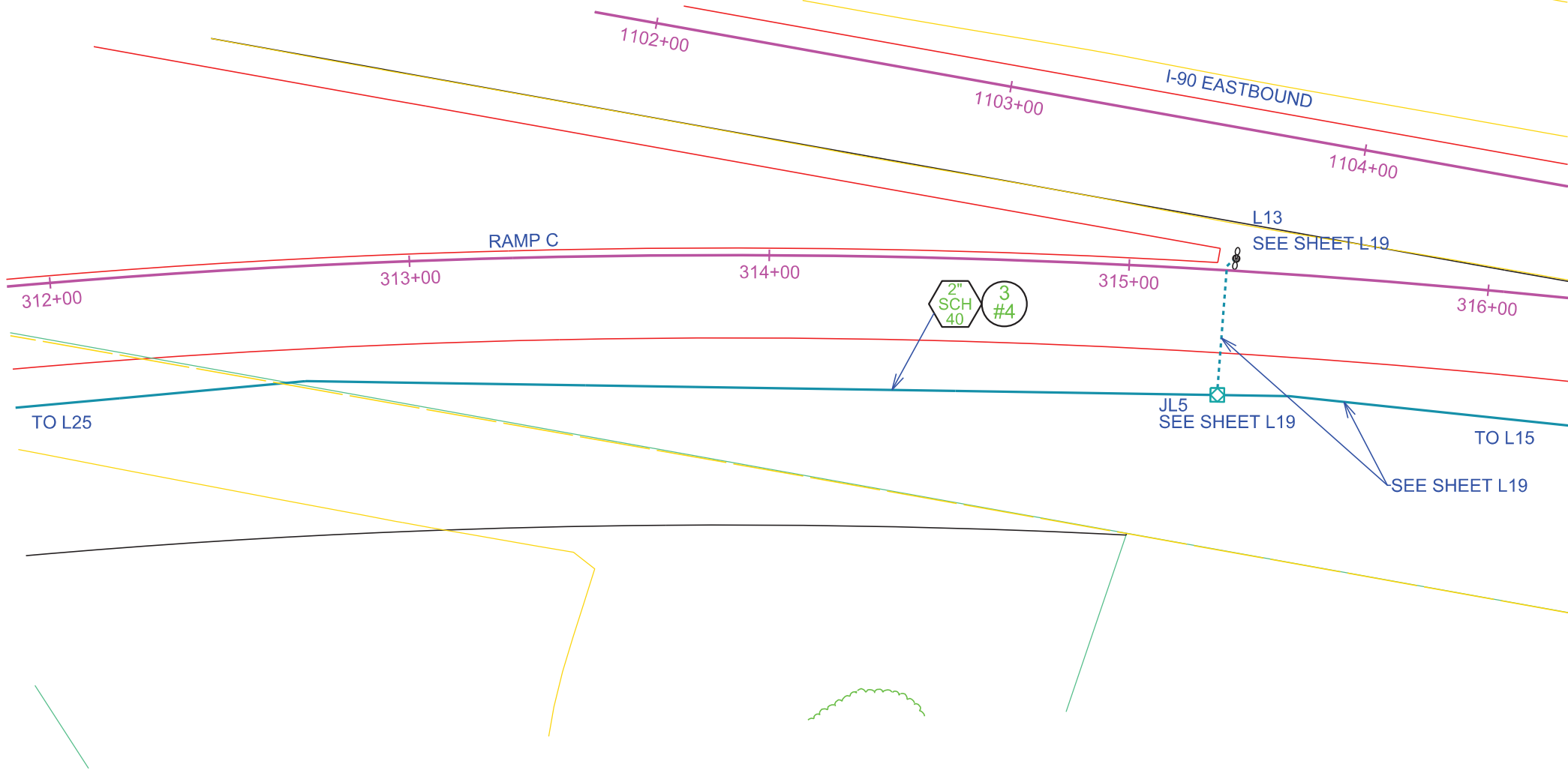
Rev: 10/16/2025 PAK



Plot Scale - 1:40

Plotted From - Brandon Fried

File - ...Sections\Section L1312c.dgn



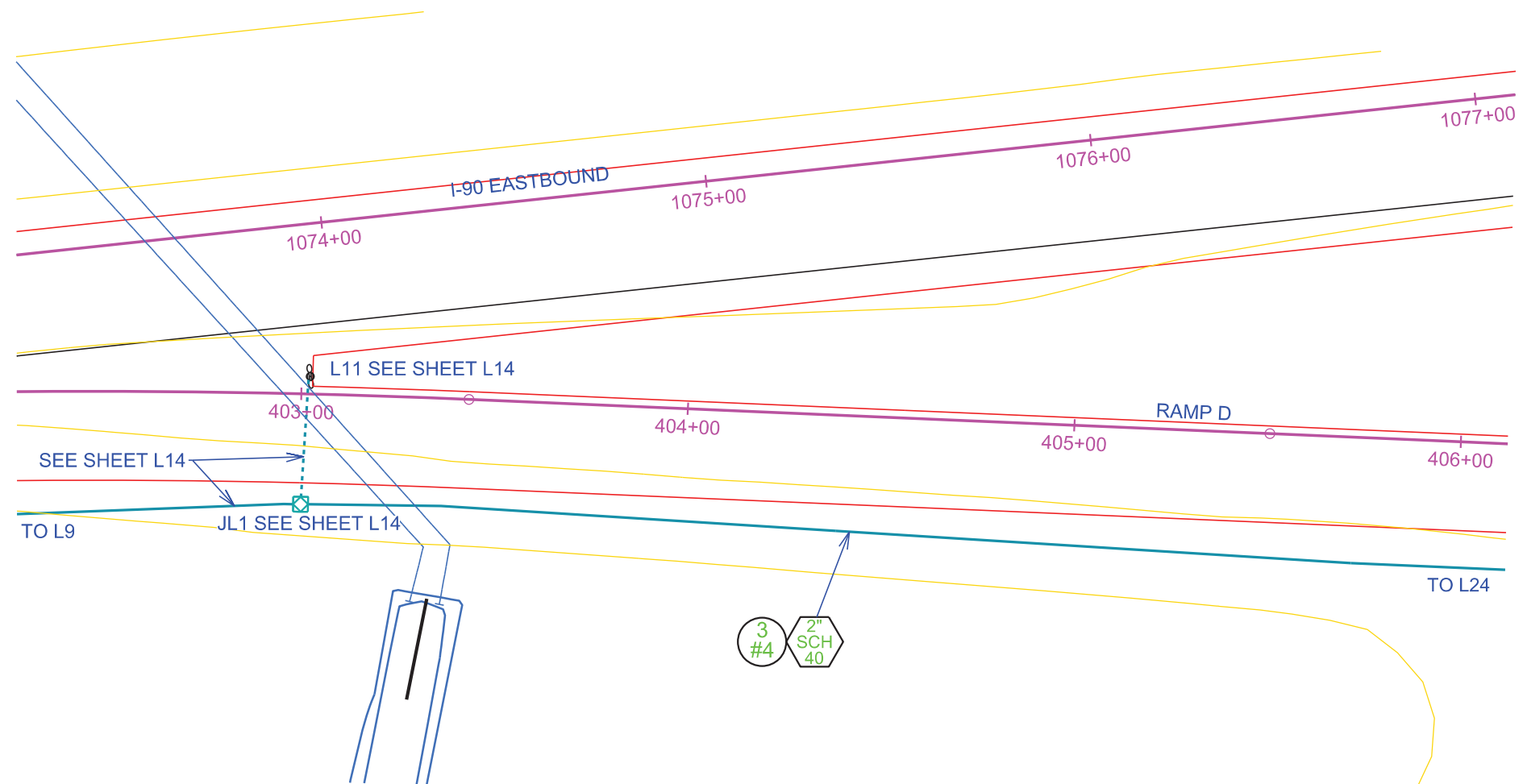
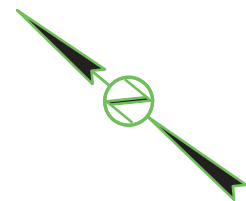
CONDUIT LAYOUT

RAMP D

FOR BIDDING PURPOSES ONLY

KL1

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L32	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	



Plot Scale - 1:40

Plotted From - Brandon Fried

File - ...Sections\Section L1400c.dgn

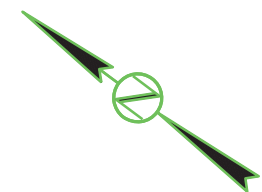
CONDUIT LAYOUT

RAMP D

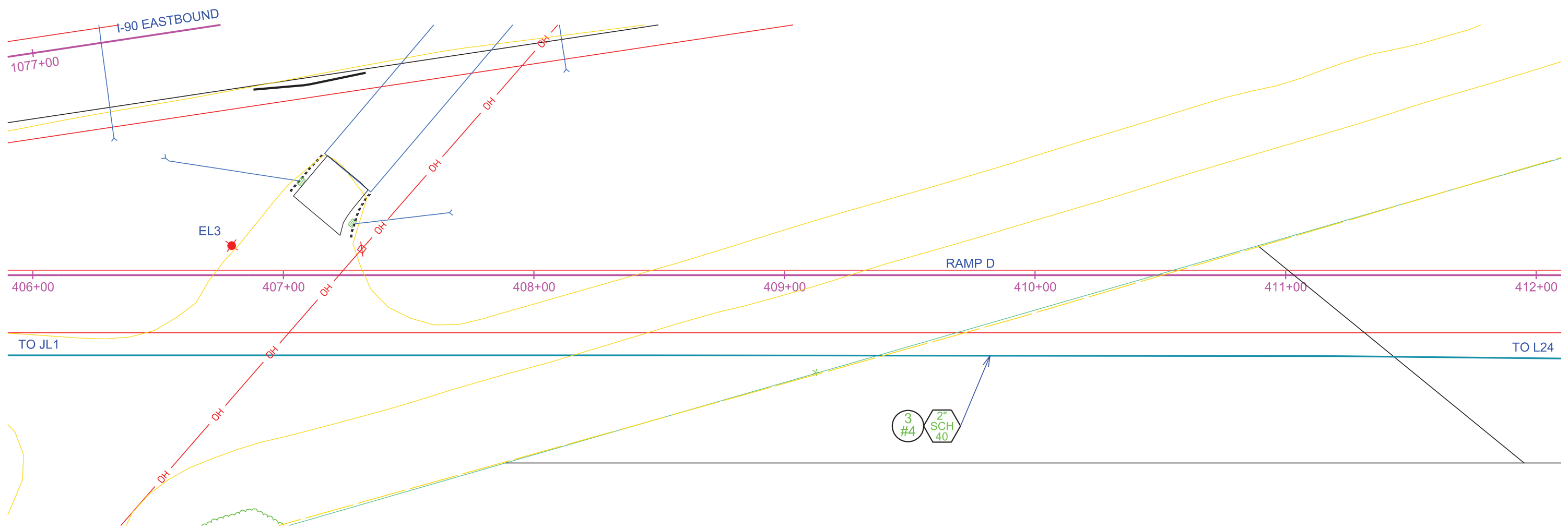
FOR BIDDING PURPOSES ONLY

KLJ

STATE OF SOUTH DAKOTA	PROJECT IM-CR-EM 0901(187)44	SHEET L33	TOTAL SHEETS L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	



Plot Scale - 1:40



3 #4 2" SCH 40

Plotted From - Brandon Fried



File - ...Sections\Section L1406c.dgn

CONDUIT LAYOUT

RAMP D

FOR BIDDING PURPOSES ONLY

KLJ

STATE OF
SOUTH
DAKOTA

PROJECT
IM-CR-EM 0901(187)44

SHEET
L34

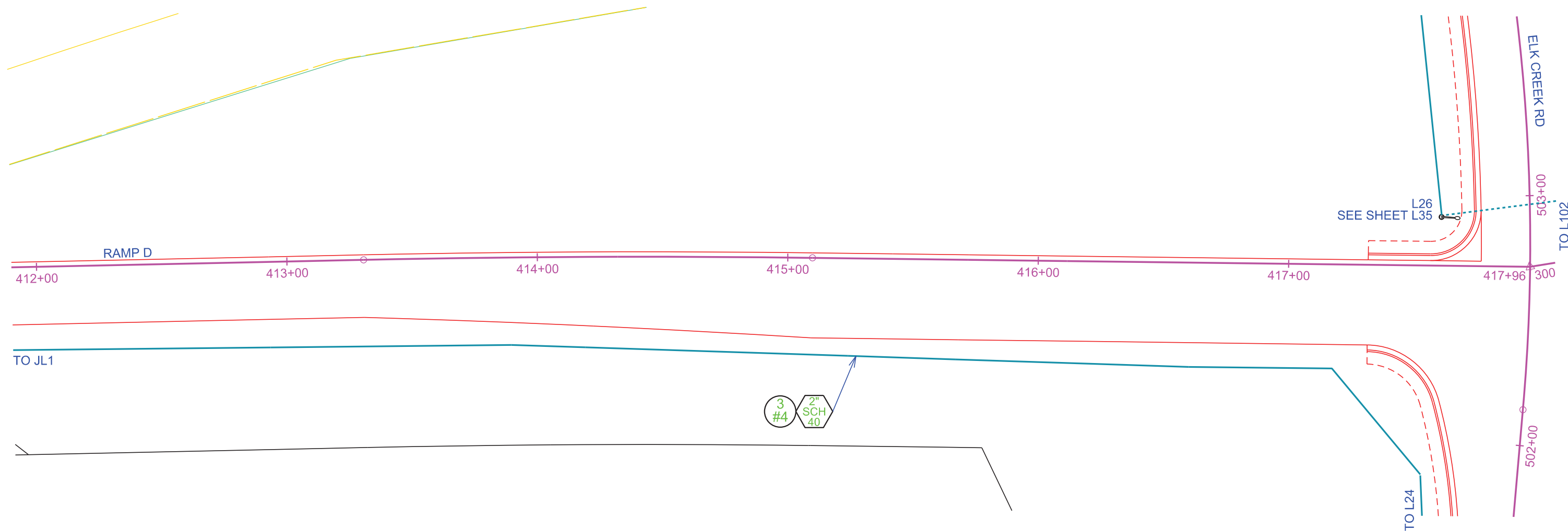
TOTAL
SHEETS
L47

Plotting Date: 10/16/2025

Rev: 10/16/2025 PAK

Plot Scale - 1:40

Plotted From - Brandon Fried



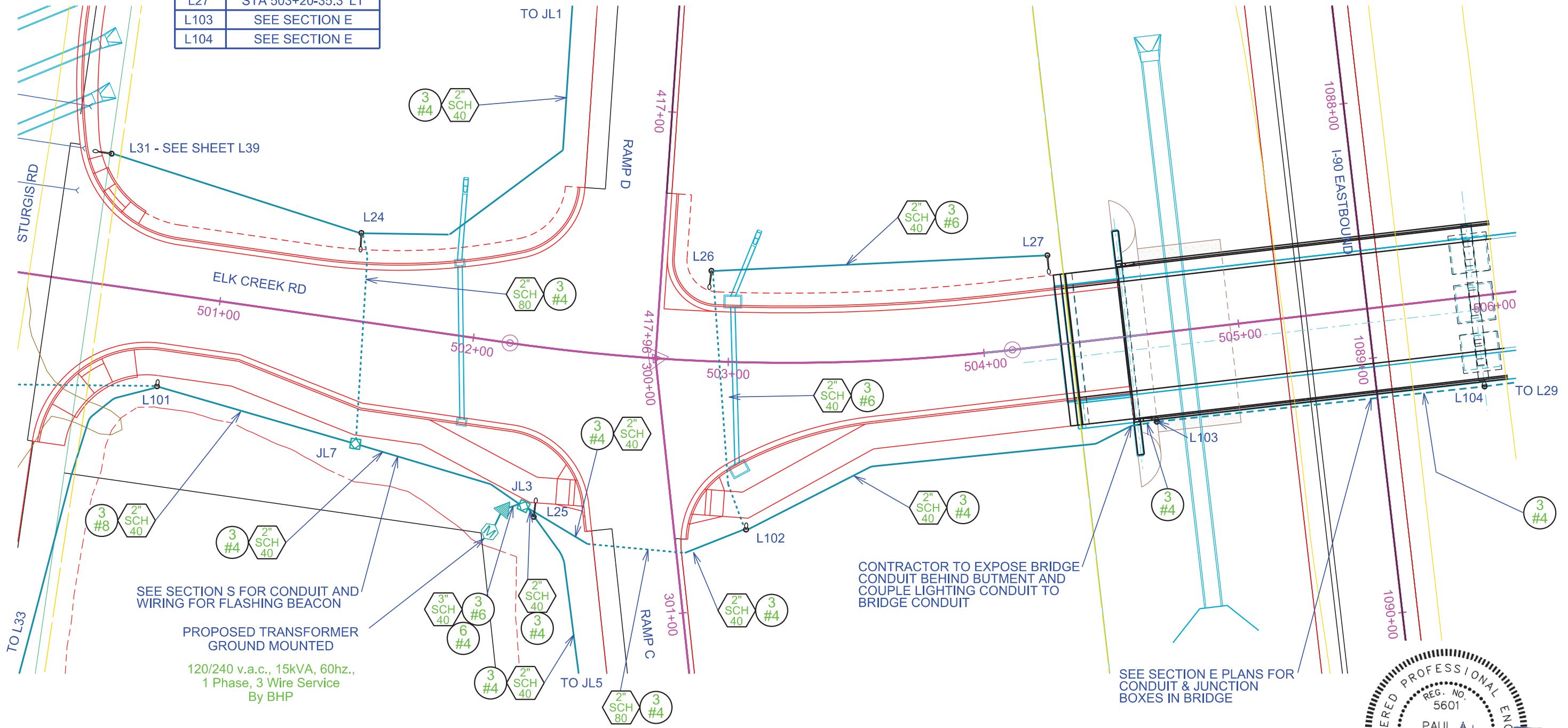
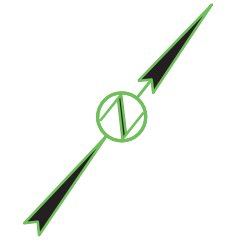
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CONDUIT LAYOUT ELK CREEK ROAD

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L35	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	

LUMINAIRE POLE LOCATIONS	
ITEM	STATION-OFFSET
L101	STA 500+90-36.4' RT
JL7	STA 501+60-47.6' RT
L24	STA 501+50-34.3' LT
L102	STA 502+08-65.2' RT
JL3	STA 502+30-62.4' RT
L25	STA 503+15-65.3' RT
L26	STA 502+92-35.3' LT
L27	STA 503+20-35.3' LT
L103	SEE SECTION E
L104	SEE SECTION E



SEE SECTION S FOR CONDUIT AND WIRING FOR FLASHING BEACON

PROPOSED TRANSFORMER
GROUND MOUNTED
120/240 v.a.c., 15kVA, 60hz.,
1 Phase, 3 Wire Service
By BHP

CONTRACTOR TO EXPOSE BRIDGE
CONDUIT BEHIND BUTMENT AND
COUPLE LIGHTING CONDUIT TO
BRIDGE CONDUIT

SEE SECTION E PLANS FOR
CONDUIT & JUNCTION
BOXES IN BRIDGE



Plot Scale - 1"=40'

Plotted From - Brandon Fried

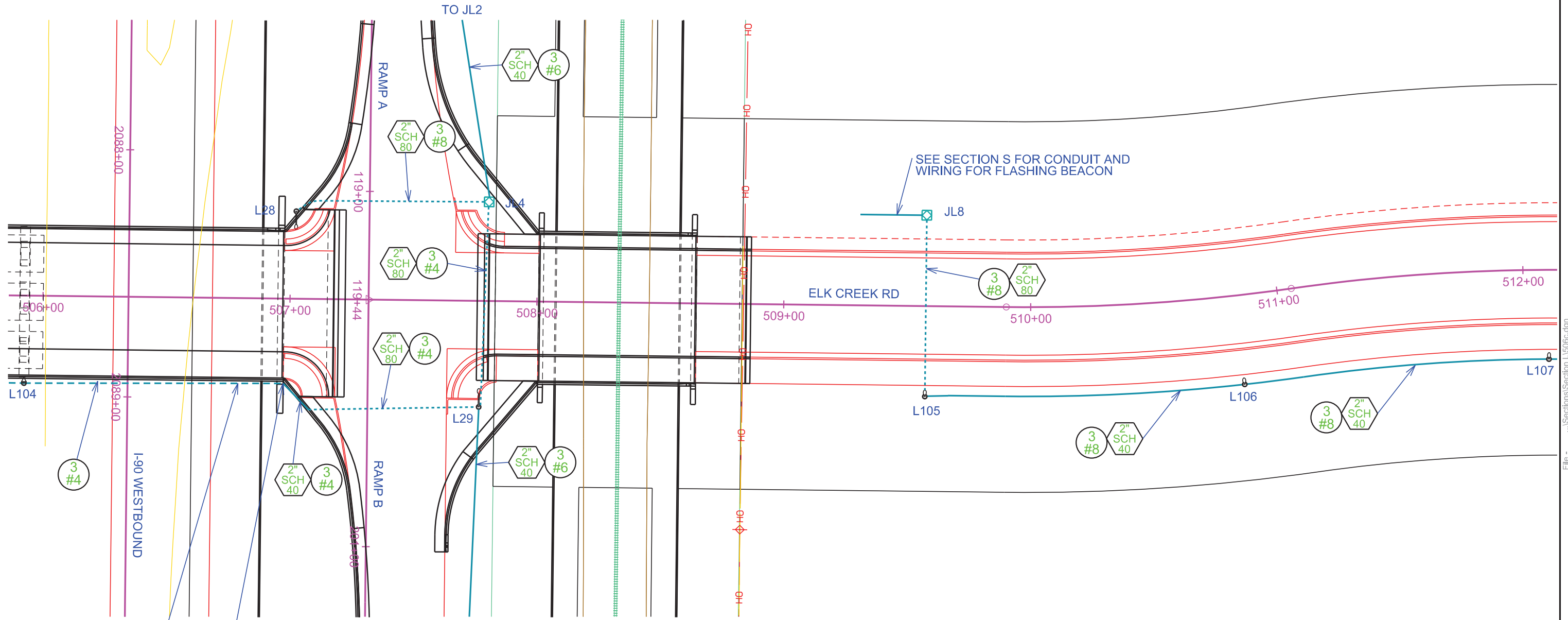
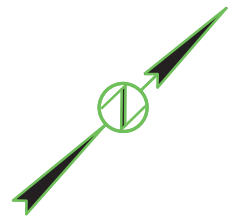
File - ...Sections\Section L1500c.dgn

LUMINAIRE POLE LOCATIONS	
ITEM	STATION-OFFSET
L28	STA 507+00-35.4' LT
L29	STA 507+80-43.0' RT
JL4	STA 507+80-40.0' LT
L105	STA 509+50-36.6' RT
JL8	STA 509+58-36.6' RT
L106	STA 510+85-36.6' RT
L107	STA 512+10-36.6' RT

CONDUIT LAYOUT FOR BIDDING PURPOSES ONLY

ELK CREEK ROAD

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L36	L47
Plotting Date:	10/16/2025	Rev:	10/16/2025 PAK



SEE SECTION E PLANS FOR CONDUIT & JUNCTION BOXES IN BRIDGE

CONTRACTOR TO EXPOSE BRIDGE CONDUIT BEHIND ABUTMENT AND COUPLE LIGHTING CONDUIT TO BRIDGE CONDUIT



Plot Scale - 1"=40'

Plotted From - Brandon Fried

File - ...Sections\Section L1506c.dgn

LUMINAIRE POLE LOCATIONS

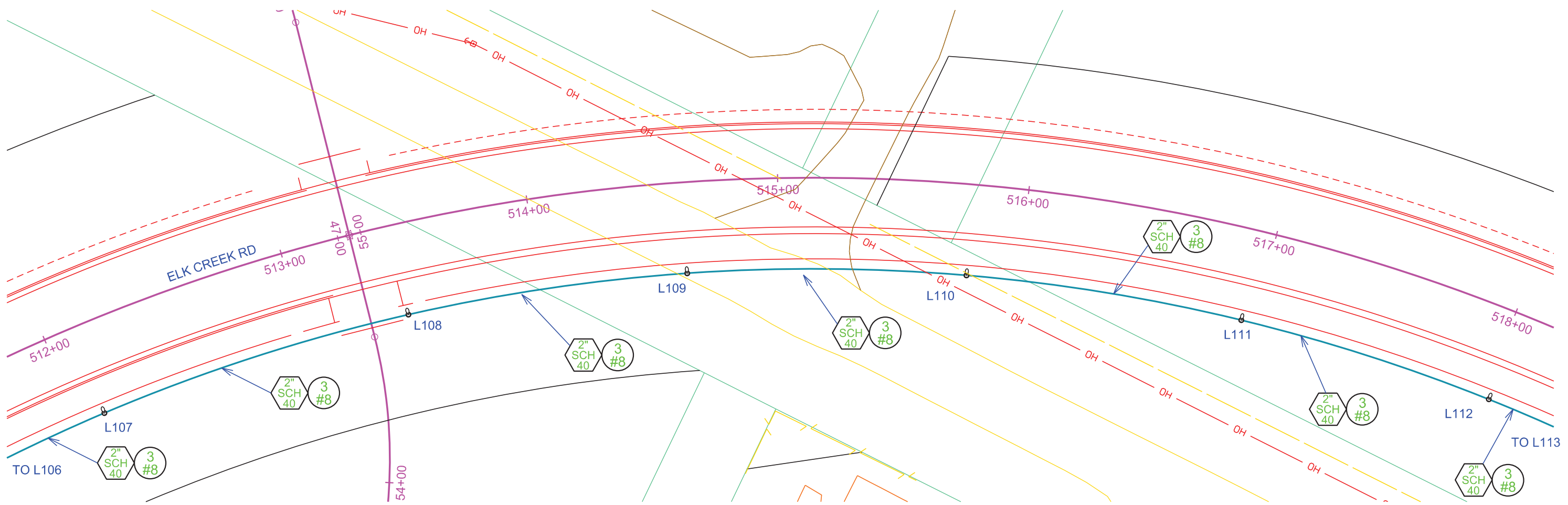
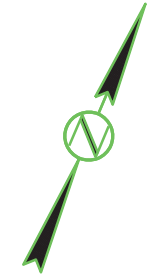
ITEM	STATION-OFFSET
L107	STA 512+10-36.6' RT
L108	STA 513+45-36.6' RT
L109	STA 514+65-36.6' RT
L110	STA 515+80-36.6' RT
L111	STA 516+95-36.6' RT
L112	STA 518+00-36.6' RT

CONDUIT LAYOUT

FOR BIDDING PURPOSES ONLY

ELK CREEK ROAD

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L37	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	



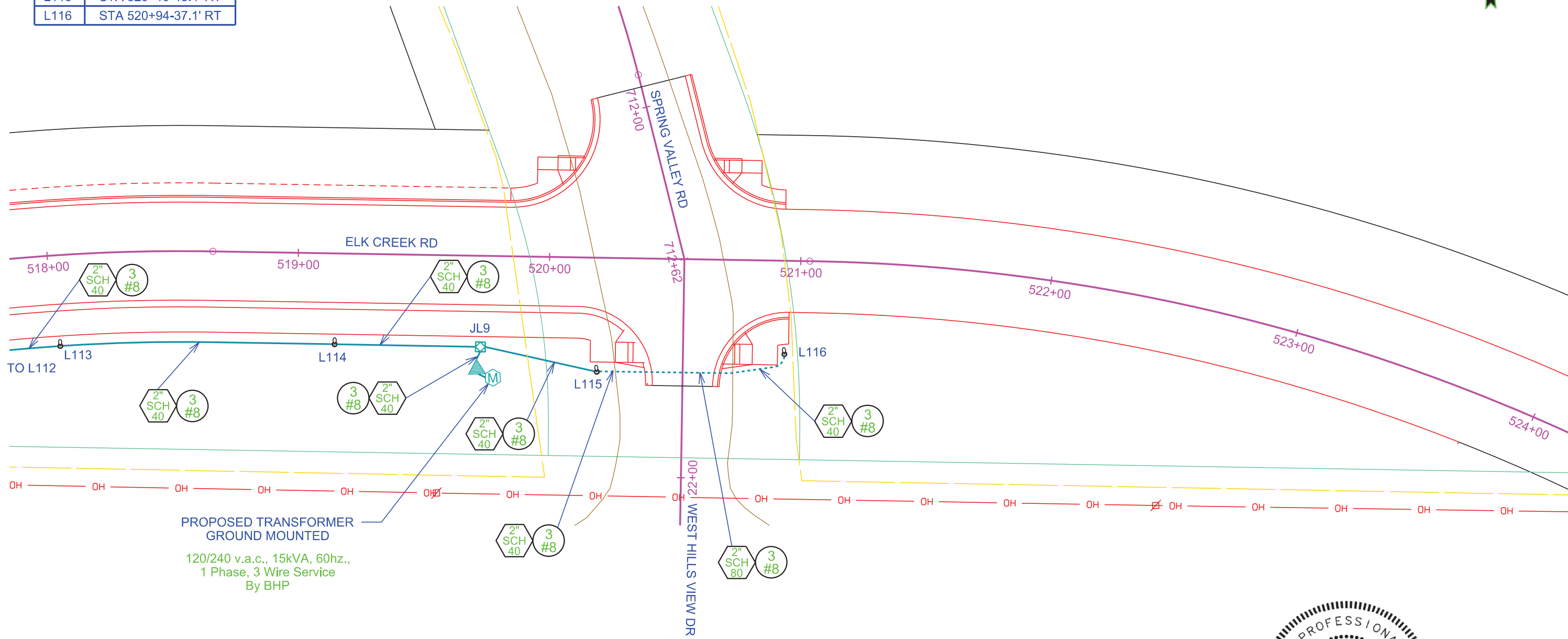
Plotted From: Brandon Fried
 Plot Scale: 1"=40'
 File: ...Sections\Section L1512c.dgn

CONDUIT LAYOUT FOR BIDDING PURPOSES ONLY

ELK CREEK ROAD

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L38	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	

LUMINAIRE POLE LOCATIONS	
ITEM	STATION-OFFSET
L113	STA 518+02-36.2' RT
L114	STA 519+15-36.2' RT
JL9	STA 519+73-3632' RT
L115	STA 520+19-45.4' RT
L116	STA 520+94-37.1' RT



PROPOSED TRANSFORMER
GROUND MOUNTED
120/240 v.a.c., 15kVA, 60hz.,
1 Phase, 3 Wire Service
By BHP



Plot Scale - 1"=40'

Plotted From - Brandon Fried

File - ...Sections\Section L1518c.dgn

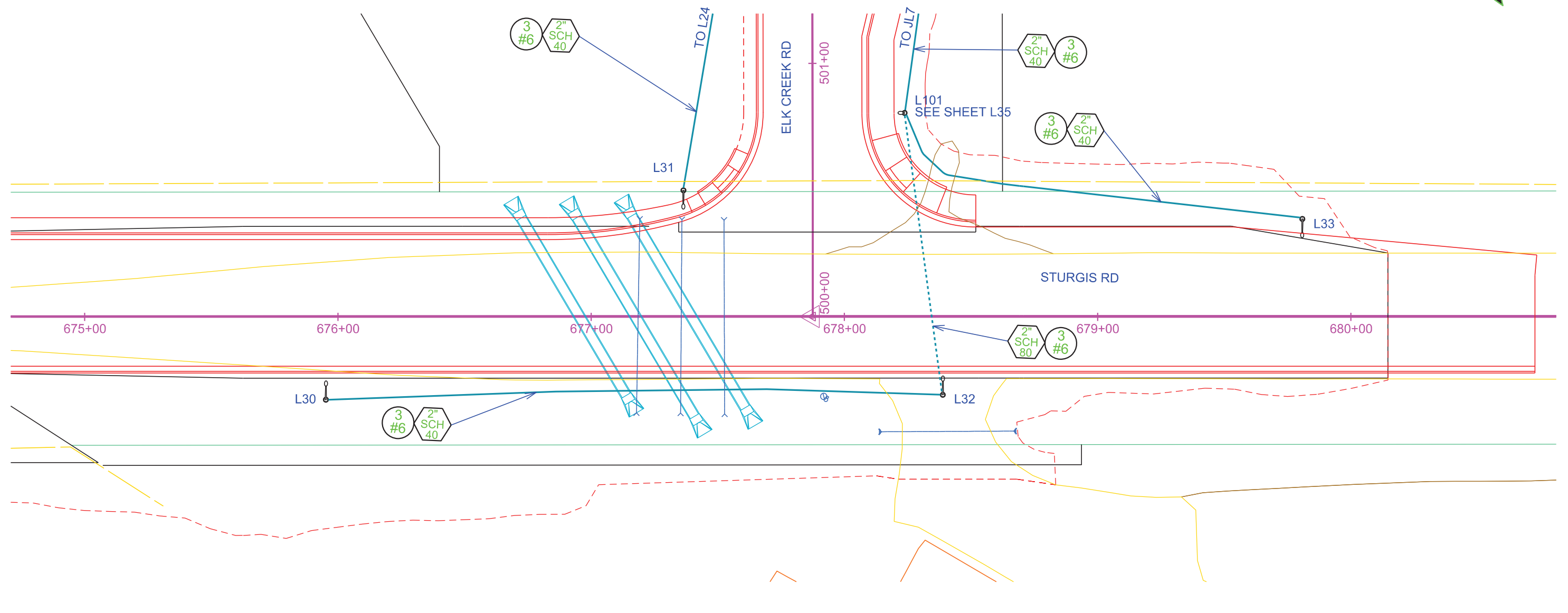
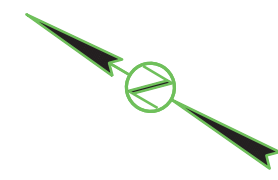
CONDUIT LAYOUT

ELK CREEK ROAD

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L39	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	

LUMINAIRE POLE LOCATIONS	
ITEM	STATION-OFFSET
L30	STA 500+90-36.4' RT
L31	STA 501+60-47.6' RT
L32	STA 501+50-34.3' LT
L33	STA 502+08-65.2' RT



Plot Scale - 1"=40'
Plotted From - Brandon Fried

File - ...Sections\Section L1675c.dgn



WIRING DIAGRAM INTERSTATE 90

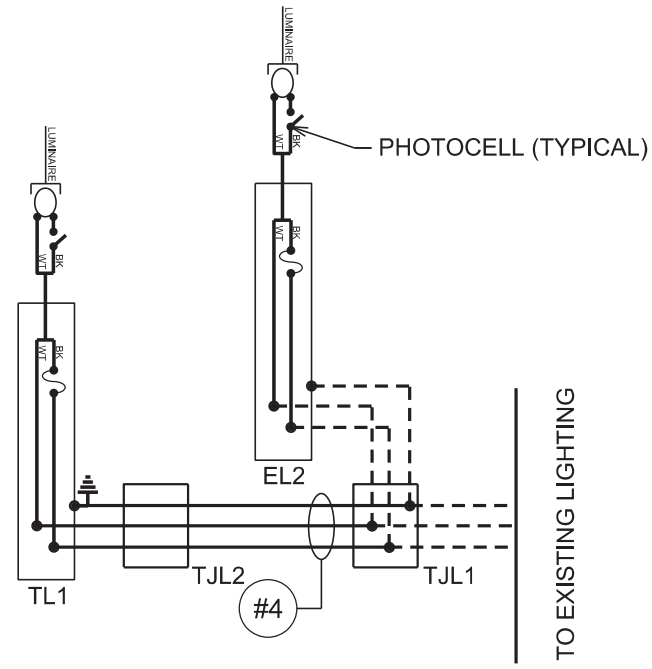
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L40	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	

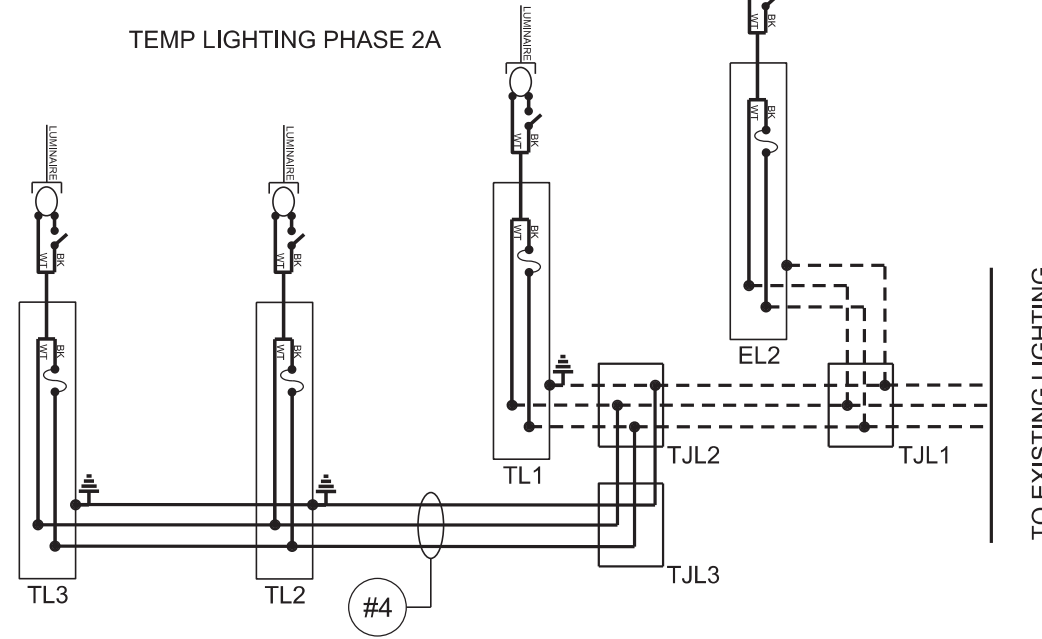
- LEGEND:
- FUSE: 2 10 amp. Dual Element
 - LUMINAIRE: LED
 - PHOTOCELL

NOTE:
All circuits shall be bonded in accordance with the NATIONAL ELECTRICAL CODE. Quantities for bonding conductors are not included in these plans.

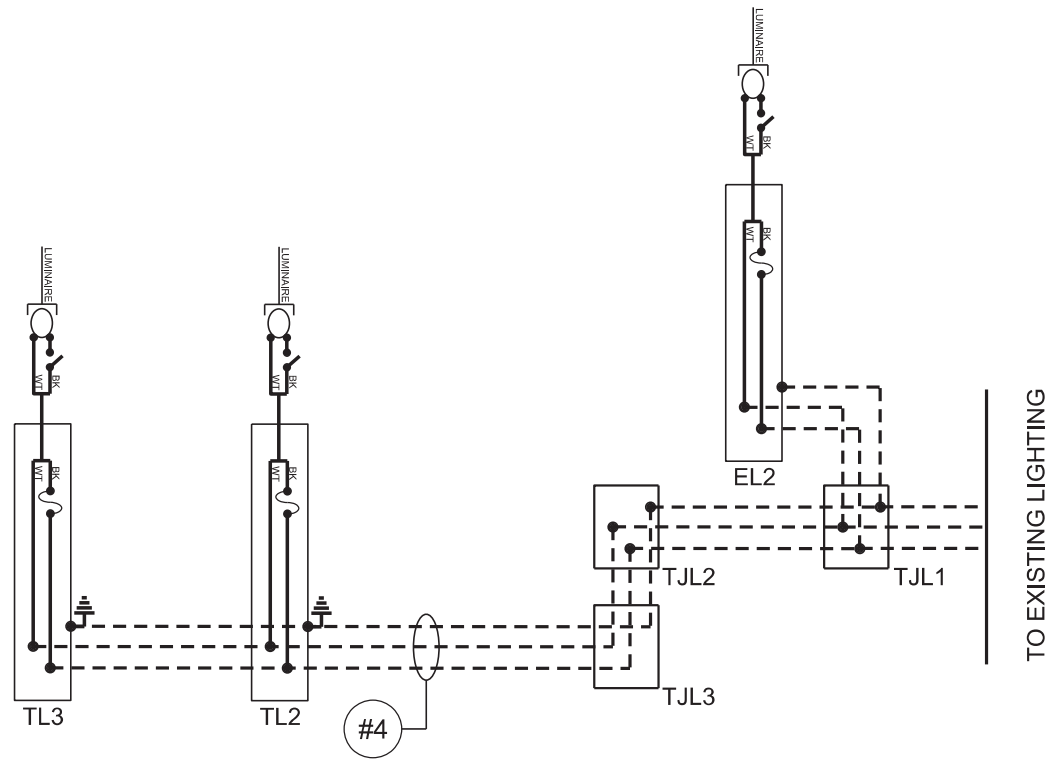
TEMP LIGHTING PHASE 1A & PHASE 1B



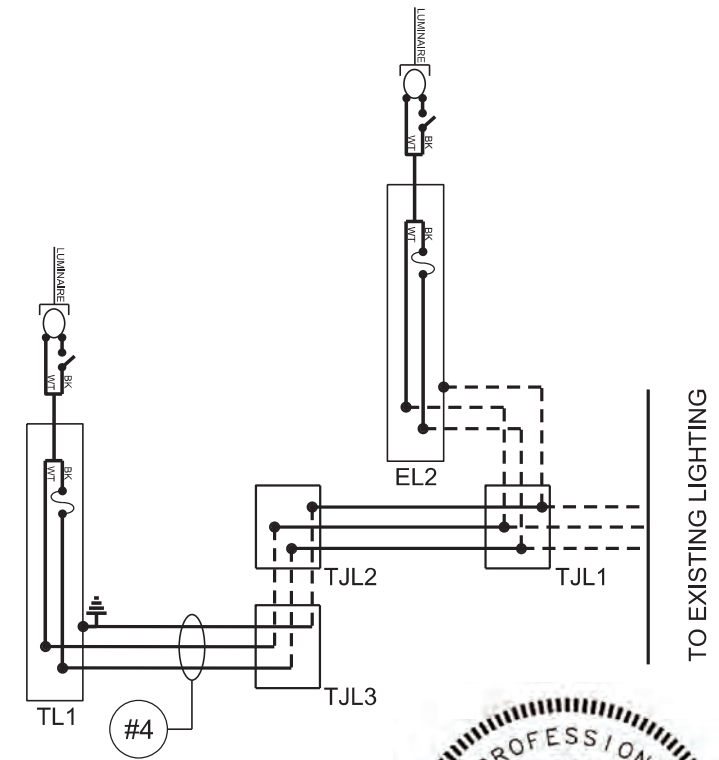
TEMP LIGHTING PHASE 2A



TEMP LIGHTING PHASE 2B



TEMP LIGHTING POST PHASE 2B



WIRING DIAGRAM

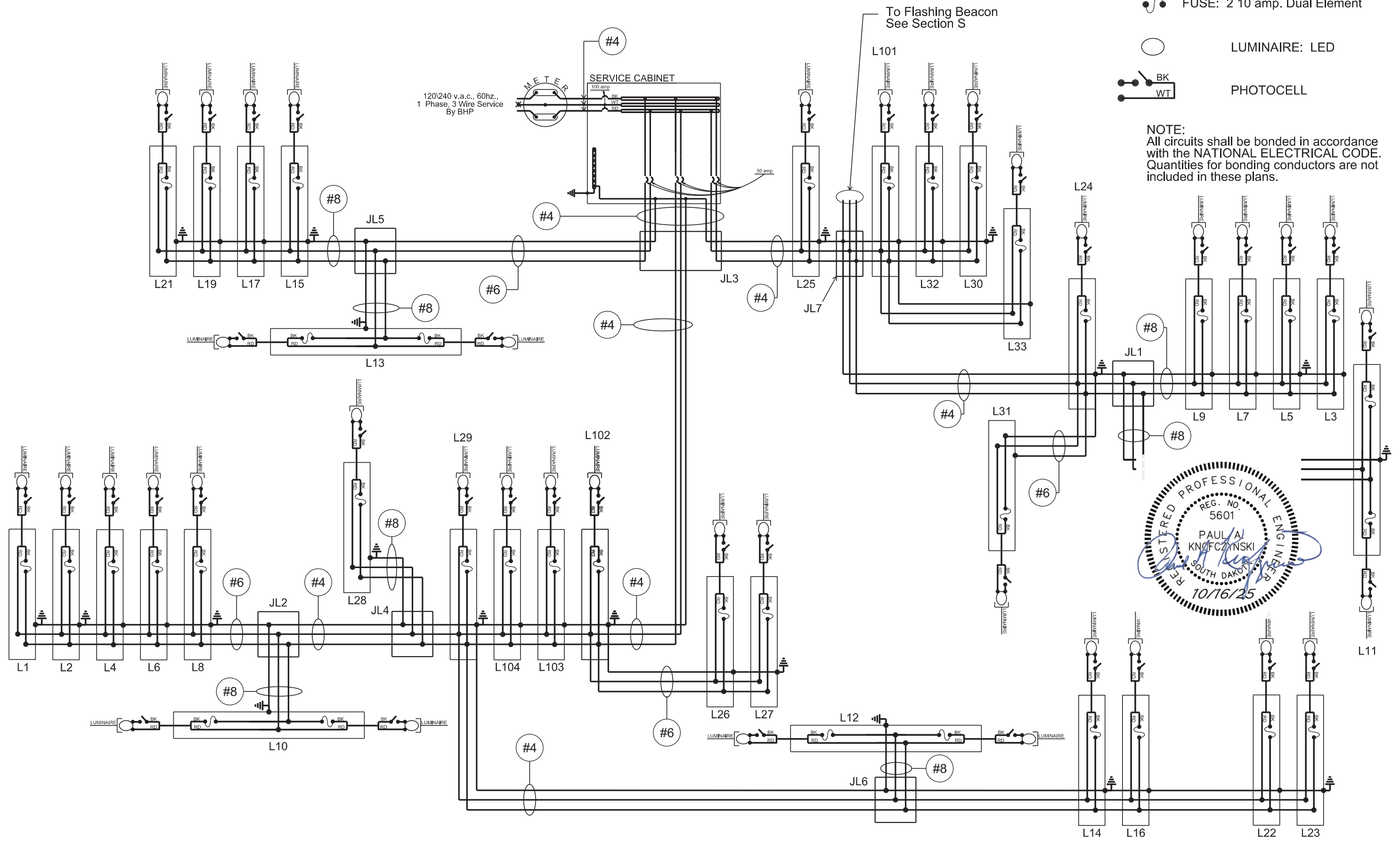
INTERSTATE 90

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L41	L47
Plotting Date: 10/16/2025		Rev: 10/16/2025 PAK	

- LEGEND:
- FUSE: 2 10 amp. Dual Element
 - LUMINAIRE: LED
 - PHOTOCELL

NOTE:
All circuits shall be bonded in accordance with the NATIONAL ELECTRICAL CODE. Quantities for bonding conductors are not included in these plans.



Plot Scale - 1:40

Plotted From - Brandon Fried

File - ...Section L120602120w.dgn

WIRING DIAGRAM ELK CREEK ROAD

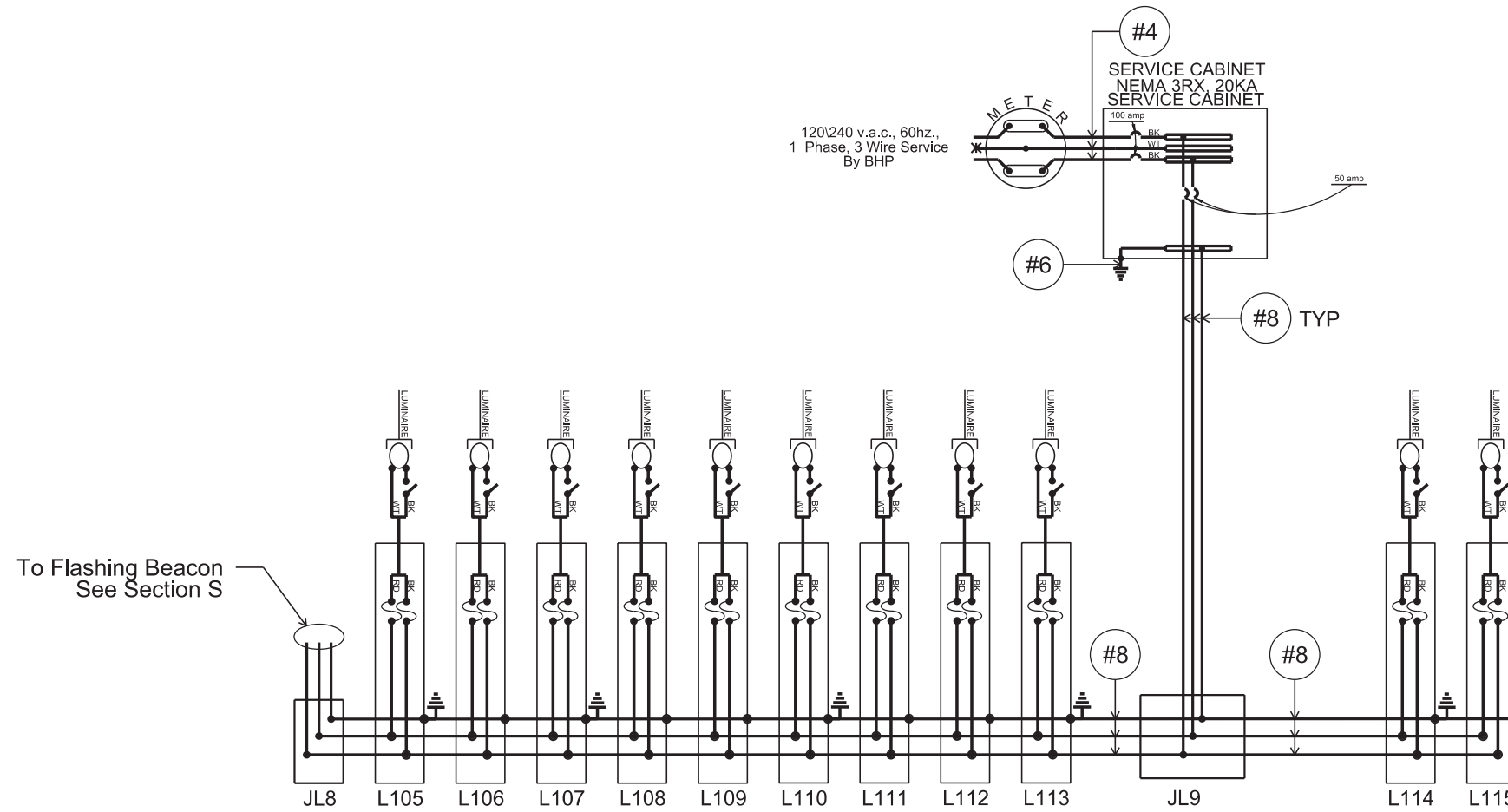
FOR BIDDING PURPOSES ONLY

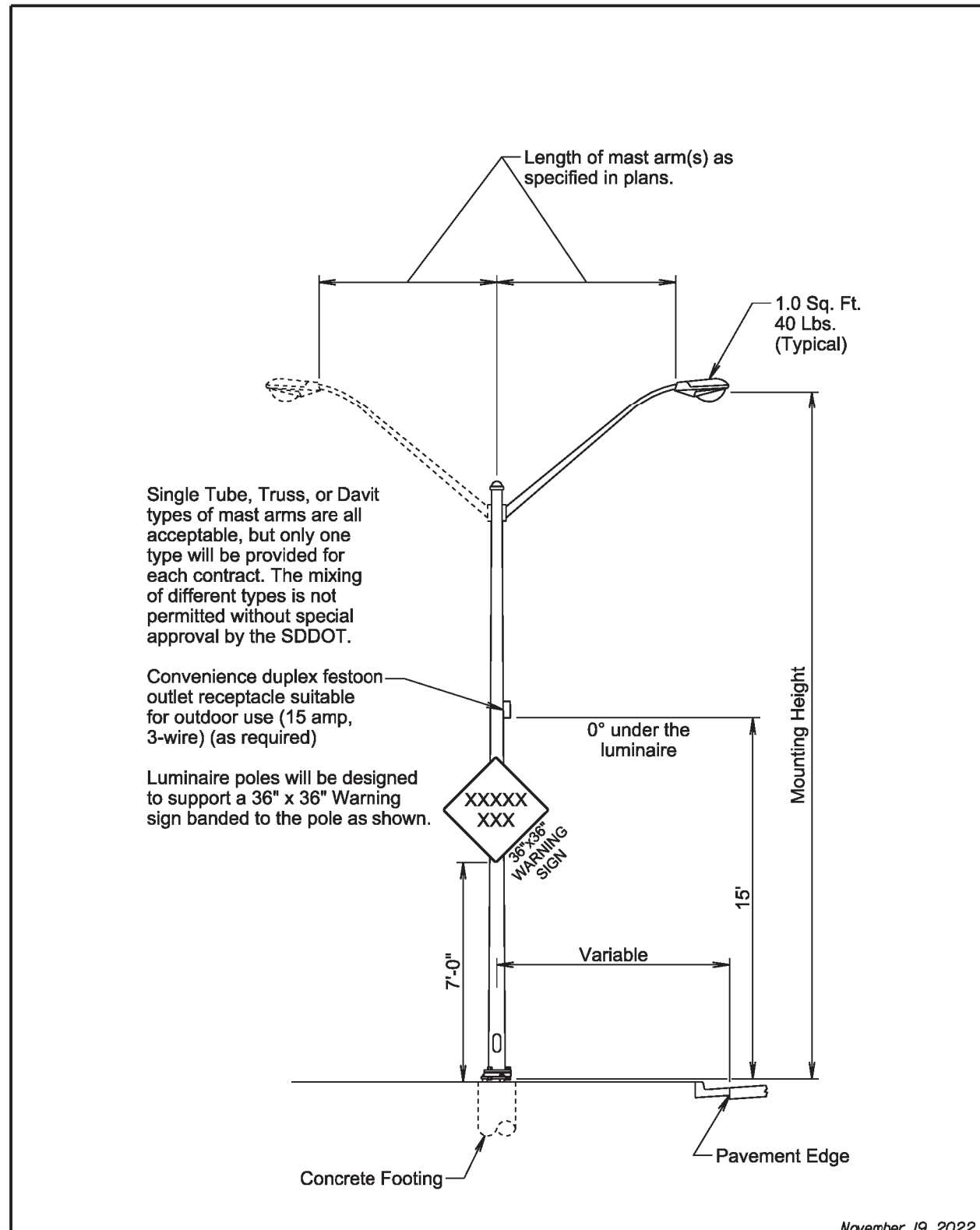
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L42	L47

Plotting Date: 10/16/2025 Rev: 10/16/2025 PAK

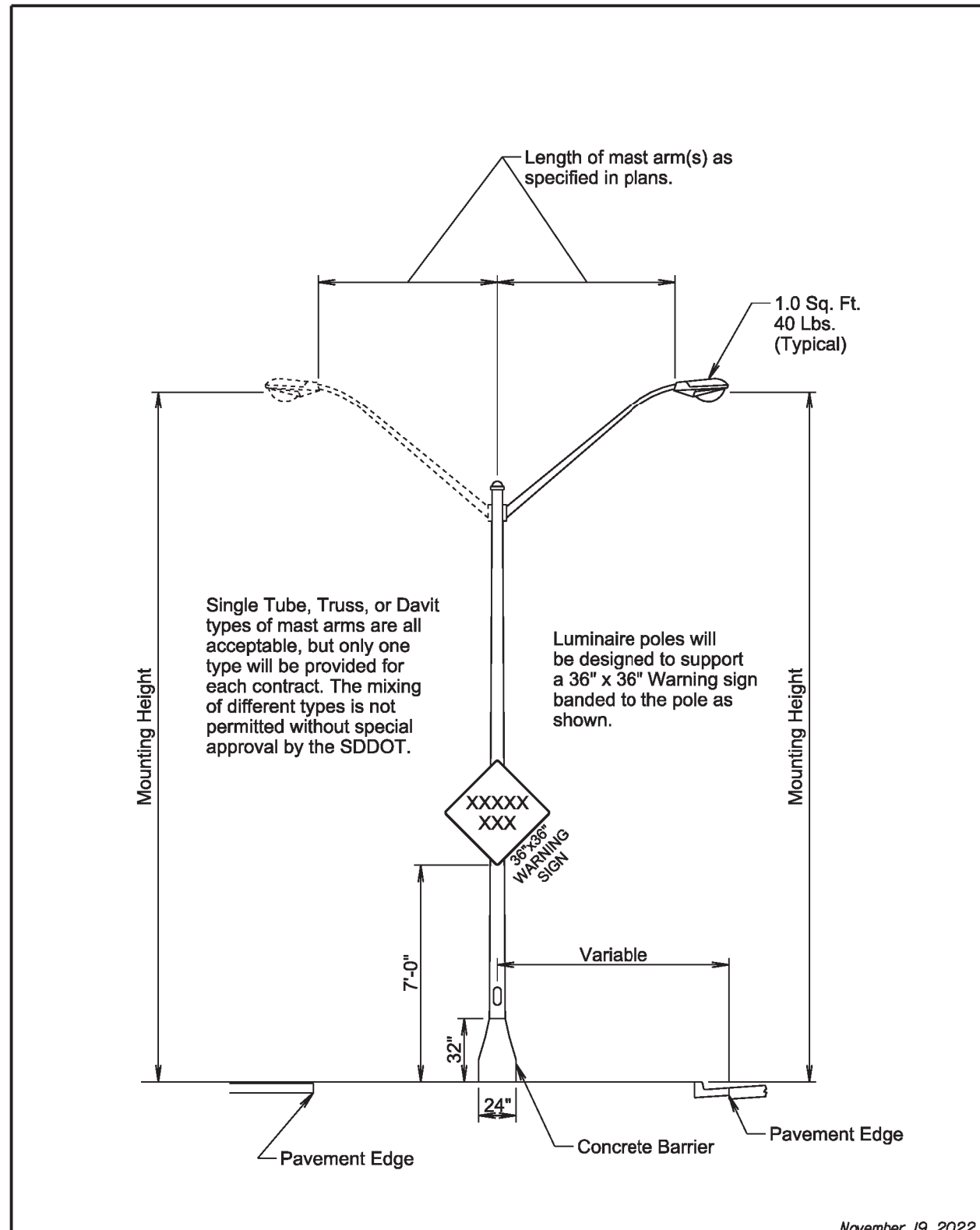
- LEGEND:
- FUSE: 2 10 amp. Dual Element
 - LUMINAIRE: LED
 - PHOTOCELL

NOTE:
All circuits shall be bonded in accordance with the NATIONAL ELECTRICAL CODE. Quantities for bonding conductors are not included in these plans.



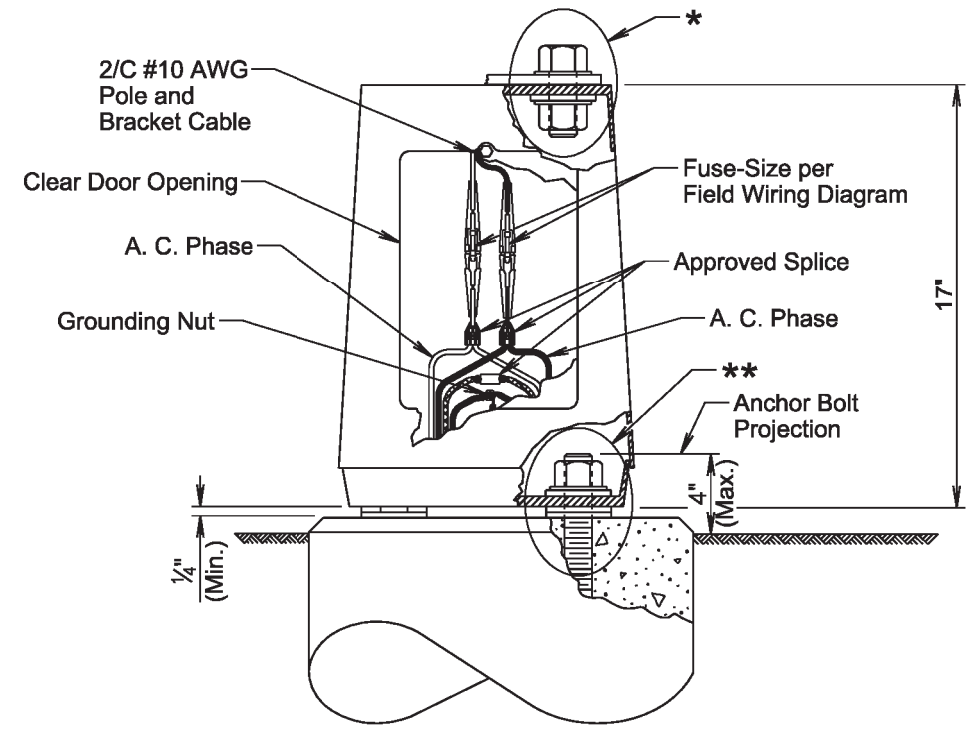


S D D O T Published Date: 2026	STEEL ROADWAY LUMINAIRE POLE WITH MAST ARM(S)	November 19, 2022 PLATE NUMBER 635.01 Sheet 1 of 1
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S D D O T Published Date: 2026	STEEL ROADWAY LUMINAIRE POLE FOR CONCRETE BARRIER MOUNT	November 19, 2022 PLATE NUMBER 635.03 Sheet 1 of 1
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Plotted From: ...Section L:standard plates.dgn



GENERAL NOTES:

Base details are provided for example only and are not intended to be a complete design.

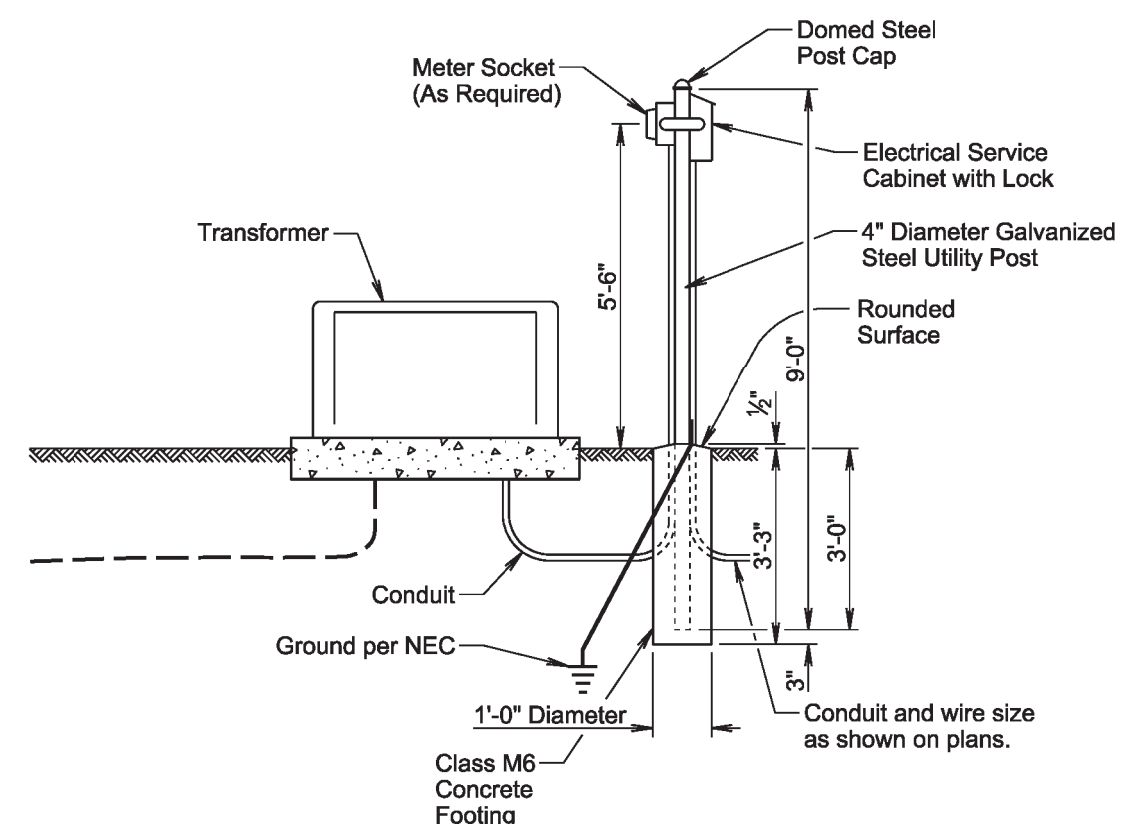
Fused connectors will be breakaway type.

* Hardware connecting the pole to the base will be installed in accordance with the manufacturer's recommendation.

** Hardware connecting the base to the footing will be installed in accordance with the manufacturer's recommendation. The Contractor will install leveling devices in accordance with the manufacturer's recommendation if shimming is necessary to install the light poles plumb and level. The washers and shims will be installed around the anchor bolts.

November 19, 2022

<i>Published Date: 2026</i>	S D D O T	ROADWAY LUMINAIRE POLE BREAKAWAY TRANSFORMER BASE	PLATE NUMBER 635.21
			Sheet 1 of 1



ELEVATION VIEW

GENERAL NOTES:

The concrete for the post footing will be class M6 concrete.

The 4" diameter galvanized steel utility post will be 9' long and will be in conformance with AASHTO Standard Specifications M181. The post will be Type 1 and either Grade 1 or Grade 2. The domed steel post cap will be in conformance with AASHTO Standard Specifications M181 and will be Type 1.

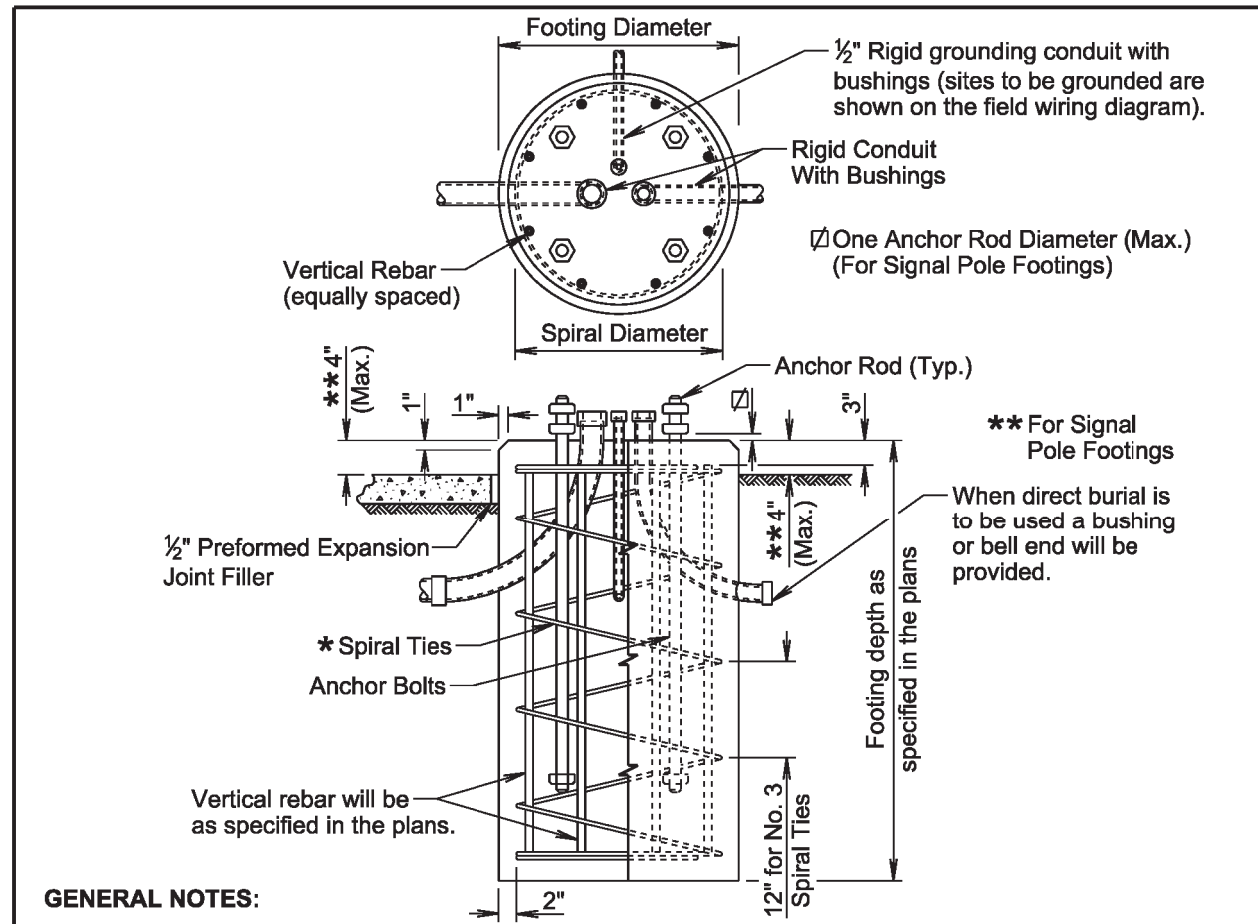
The Contractor will contact and coordinate his/her work with the Utility Companies regarding hookup requirements, fees, materials, and equipment necessary.

All costs for furnishing and installing all materials from the electrical service cabinet to the transformer including labor, equipment, hookup fees, all items within the cabinet, lockable enclosure with receptacle outlet, lock and keys, post, concrete footing, post cap, meter socket if required, conduit, and incidentals will be incidental to the contract unit price per each for "Electrical Service Cabinet".

March 31, 2024

<i>Published Date: 2026</i>	S D D O T	SERVICE FROM PAD MOUNTED TRANSFORMER WITH METER ON A GALVANIZED STEEL UTILITY POST	PLATE NUMBER 635.41
			Sheet 1 of 1

Plotted From: ...Section L:standard plates.dgn

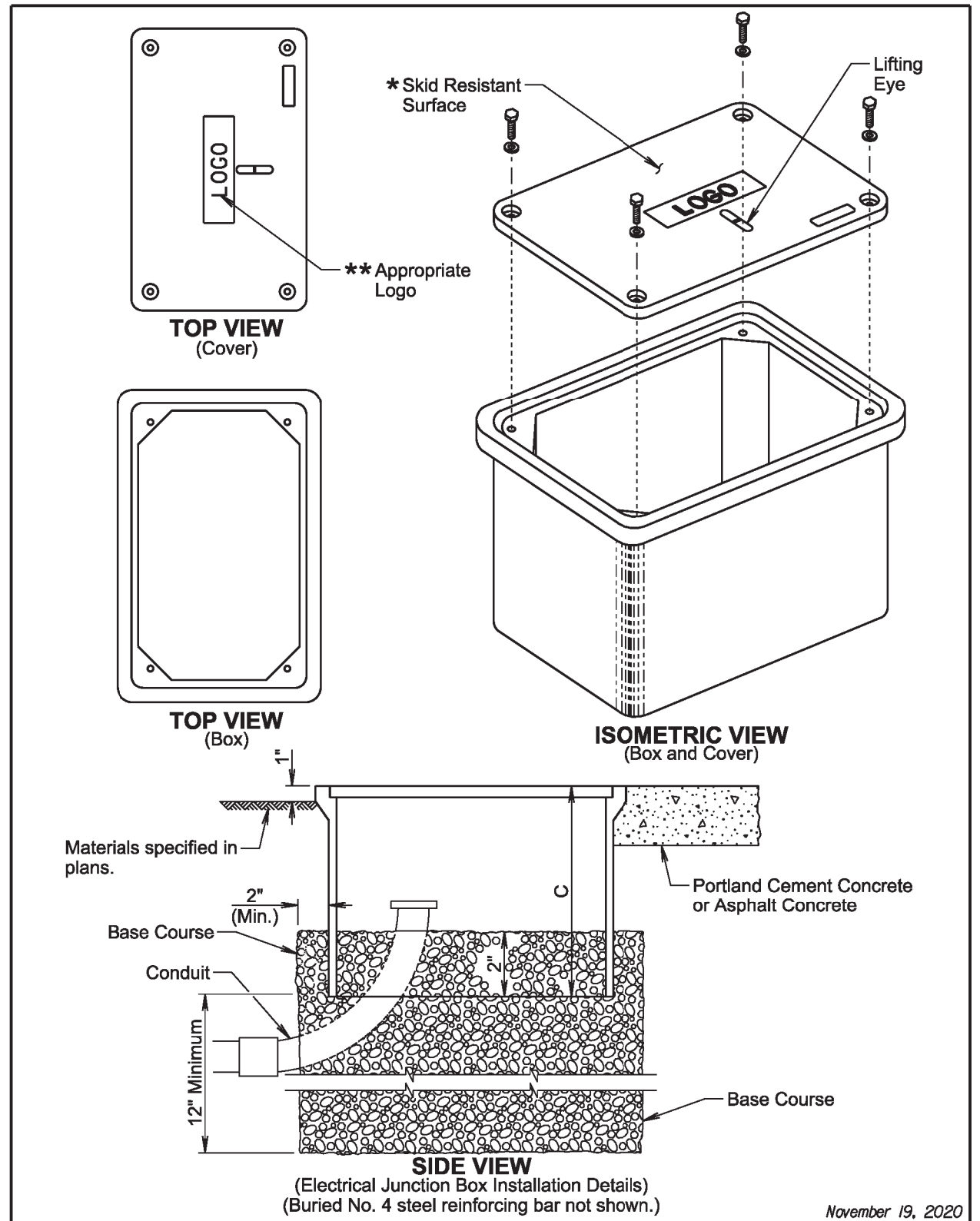


GENERAL NOTES:

- * Circular ties may be used in lieu of the spiral ties. The No. 3 ties will be spaced 12 inches apart except for the top two which will be spaced 6 inches apart. The ties will be lapped 18 inches and the laps will be staggered around the cage.
- Spiral ties will have 1-1/2 extra turns at each end.
- See Section 985 of the Specifications for footing materials.
- Conduits and bushings may project 2 1/2 inches to 6 inches above footing for fixed base poles but will not project above the slip plane or fracture plane for breakaway poles.
- Conduits will be sealed water-tight during all phases of construction until poles are in place.
- The anchor rods will fit inside the reinforcing steel cage. If the anchor rods designed by the Pole Manufacturer do not fit, contact the Office of Bridge Design for footing redesign. No additional payment will be made for the redesigned footing.
- Costs of conduit and conduit bushings shown on footing detail will be incidental to the footing bid item(s).
- The pole will not be installed until the concrete has attained design strength (4000 psi).
- The contour of the area surrounding the breakaway pole will be flat, though not necessarily level for a distance of 5 feet in all directions. The Contractor may be required to provide finish grading at some breakaway pole locations.

November 19, 2022

Published Date: 2026	S D D O T	POLE FOOTING	PLATE NUMBER 635.55 Sheet 1 of 1
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November 19, 2020

Published Date: 2026	S D D O T	ELECTRICAL JUNCTION BOXES TYPE 1 THROUGH TYPE 4	PLATE NUMBER 635.65 Sheet 1 of 2
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Plotted From: ...Section L:standard plates.dgn

ELECTRICAL JUNCTION BOX			
TYPE	DESCRIPTION	APPROXIMATE COVER SIZE	MINIMUM DEPTH (C)
1	Open Bottom with Gasket	11"x18"	18"
2	Open Bottom with Gasket	13"x24"	18"
3	Open Bottom with Gasket	17"x30"	18"
3A	Open Bottom with Gasket	24"x36"***	24"
4	Open Bottom with Gasket	30"x48"***	24"

GENERAL NOTES:

The cover will be gasketed with a minimum of two stainless steel bolts and washers.

The cover will have a lifting eye.

* The surface of the cover will have a minimum wet and dry coefficient of friction value of 0.5 as determined by ASTM F609.

** The cover of the junction box will have the appropriate logo in one inch size letters and will be recessed. When the junction box contains cables or wires for a traffic signal then the logo will be "Signal". When the junction box contains lighting conductors then the logo will be "Lighting".

*** Two piece covers will be used for Type 3A and Type 4 junction boxes.

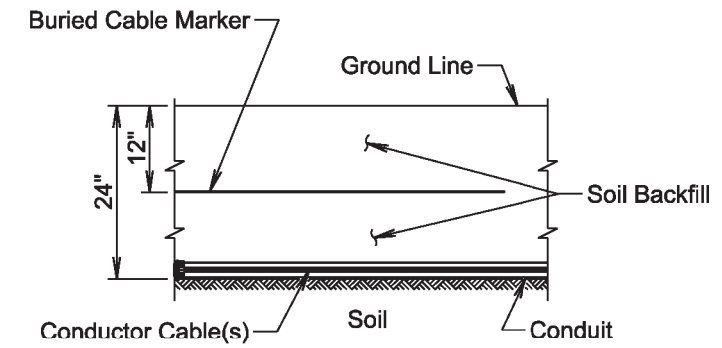
The electrical junction boxes will comply with the American National Standards Institute (ANSI)/Society of Cable Telecommunications Engineers (SCTE) 77 2007 Specification for Underground Enclosure Integrity. The loading requirement for all electrical junction boxes and covers will be Tier 22 of ANSI/SCTE 77 2007.

The electrical junction boxes will be UL listed.

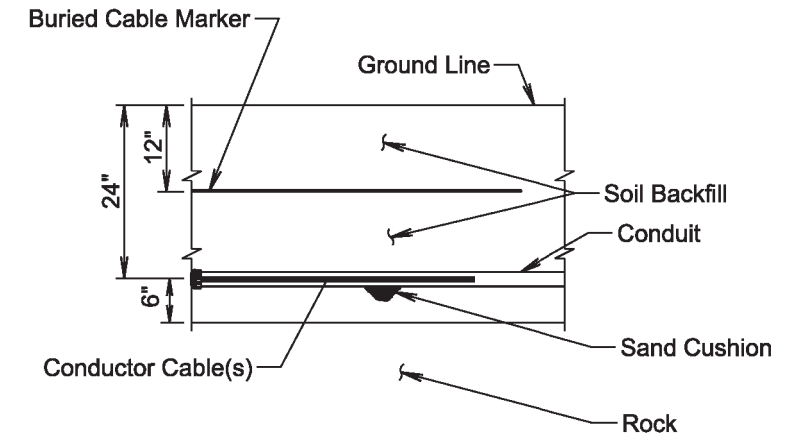
For junction boxes located outside of pavement, a No. 4 steel reinforcing bar with a minimum length of 18" will be buried adjacent to the long side of the junction box. All costs associated with furnishing and placing the steel reinforcing bar will be incidental to the contract unit price per each for "Type _ Electrical Junction Box".

November 19, 2020

Published Date: 2026	S D D O T	ELECTRICAL JUNCTION BOXES TYPE 1 THROUGH TYPE 4	PLATE NUMBER 635.65
			Sheet 2 of 2



SECTION VIEW



SECTION VIEW

GENERAL NOTE:

The Buried Cable Marker will be plastic, approximately 6" wide, and will be capable of sustaining a minimum of a 350% tolerance of elongation without tearing. The Buried Cable Marker will have a life expectancy approximately equal to that of the conductor(s) beneath it. A phrase indicating the presence of a buried electric circuit below will be printed in a contrasting color on the cable marker. The Buried Cable Marker will be subject to approval by the Engineer. All costs associated with furnishing and installing the Buried Cable Marker will be incidental to the contract unit price per foot for the bid item used for the electrical conductor.

November 19, 2022

Published Date: 2026	S D D O T	CONDUIT INSTALLATION	PLATE NUMBER 635.76
			Sheet 1 of 1

Plot Scale - 1:40

Plotted From - Brandon Fried

File - ...Section L standard plates.dgn



STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	IM-CR-EM 0901(187)44	L47	L47

Plotting Date: 10/16/2025 Rev: 10/16/2025 PAK

GENERAL NOTES:

Tree Trimming will be done in accordance with proper tree trimming practices. The underside of each branch to be removed will have a groove sawed through the bark (1/2" Min. depth) before any sawing is started on the top side of the branch.

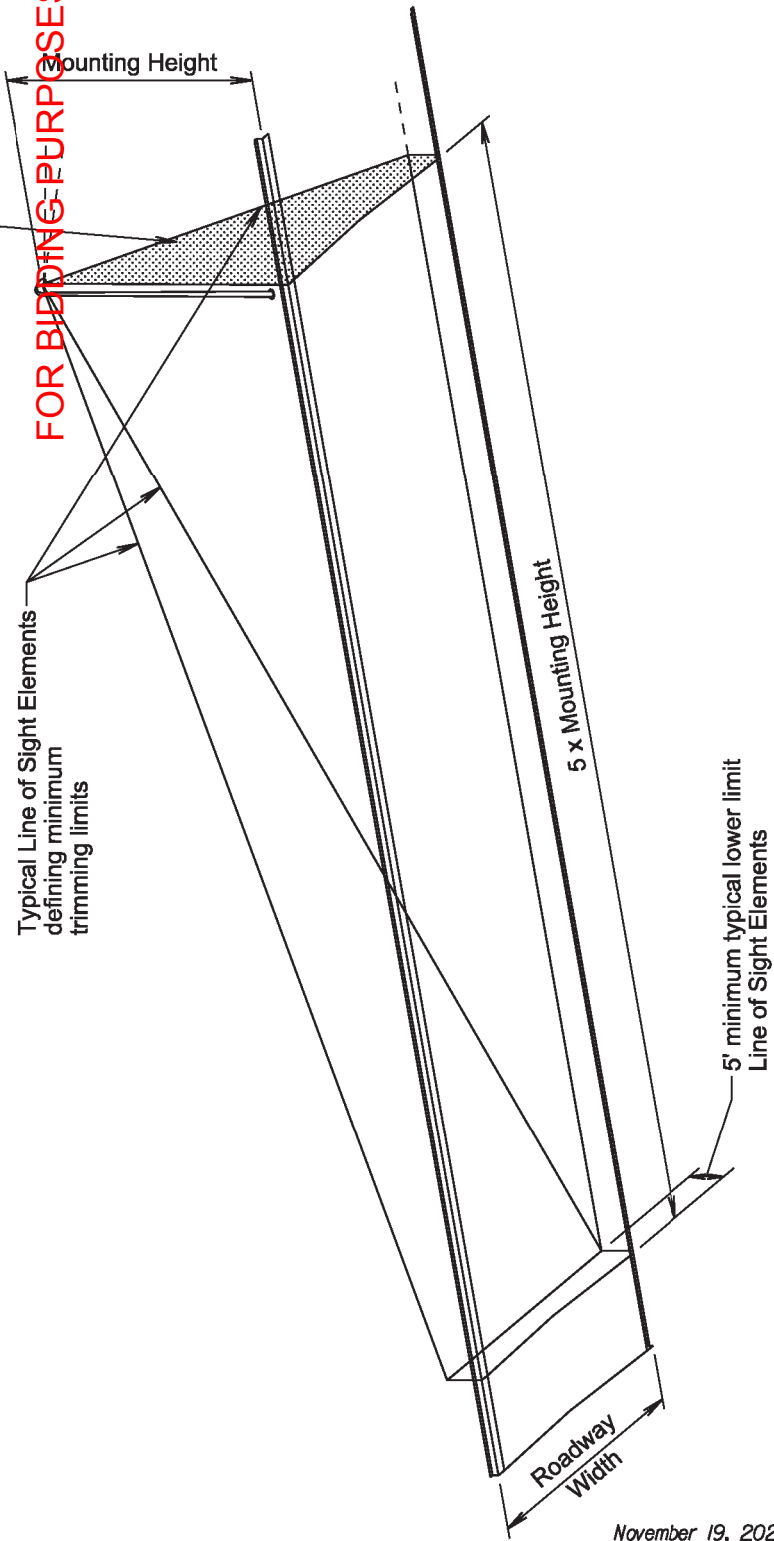
Tree trimming will be applied around each light source installed within the limits of the project.

The tree trimming limits as shown on this sheet represents the minimum amount of trimming required. Additional tree trimming required will be as directed by the Engineer. The City will maintain the limits of tree trimming once a year.

All foliage and branches will be removed from the limits defined below by the Completion Date of the project.

Costs for Tree Trimming for Roadway Lighting will be incidental to the various contract bid items.

Trimming to be symmetrical about this vertical plane



November 19, 2022

Published Date: 2026

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TREE TRIMMING FOR ROADWAY LIGHTING

PLATE NUMBER
635.99

Sheet 1 of 1