

# SECTION M: PAVEMENT MARKING PLANS

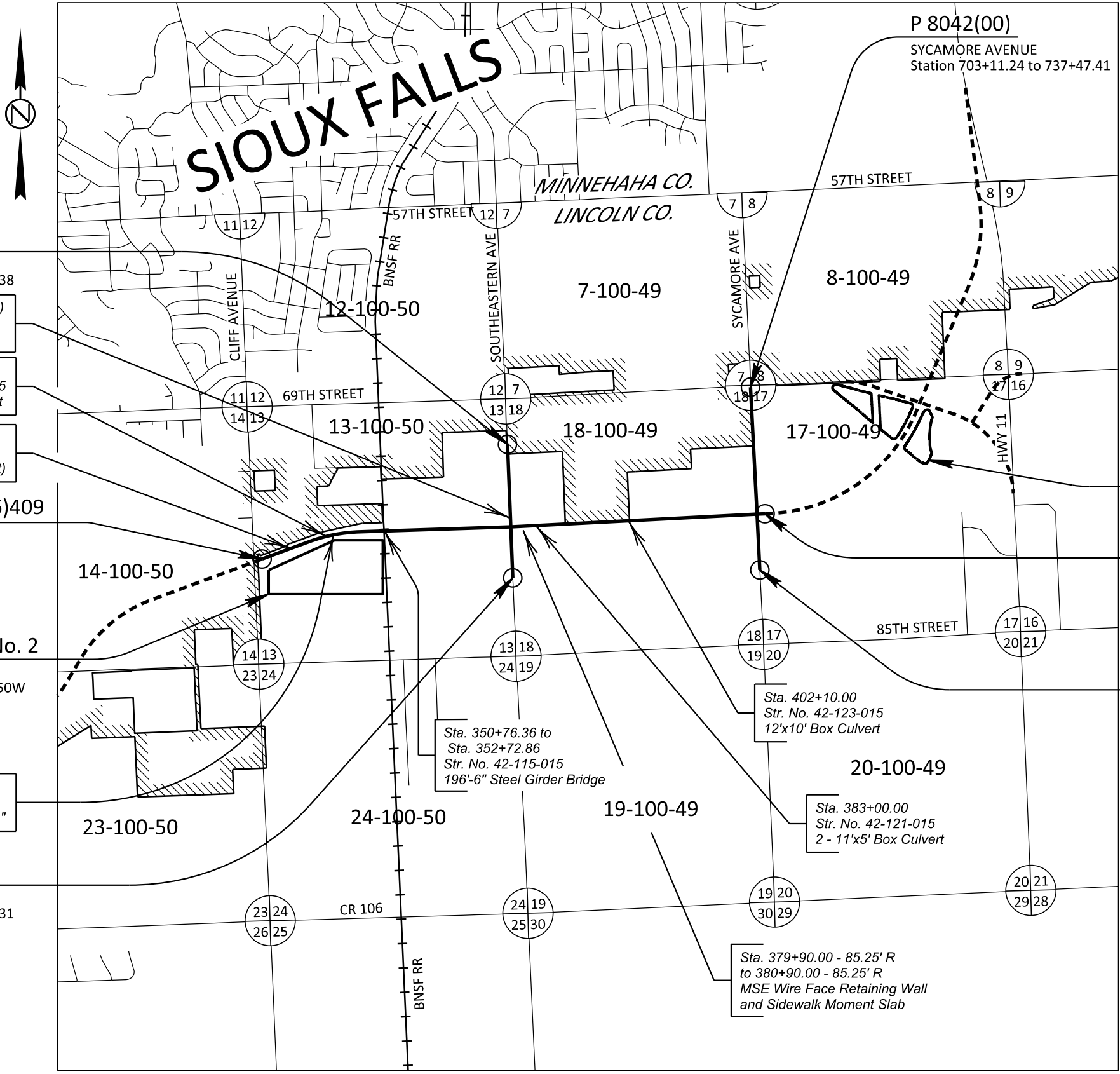
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)		

FILE: ...\\Section M\\M01 (Title).dgn  
 PLOTTING DATE: 10-10-2024  
 REV DATE:  
 INITIAL:

INDEX OF SHEETS

M1	General Layout with Index
M2 TO M4	Estimated Quantities and Notes
M5 TO M14	Veterans Parkway Pavement Markings
M15 TO M19	Southeastern Avenue Pavement Markings
M20 TO M25	Sycamore Avenue Pavement Markings
M26 TO M27	Standard Plates



**P 8042(00)**  
 SOUTHEASTERN AVENUE  
 Station 613+13.31 to 628+39.38  
 Sta. 613+27.86 (Southeastern)  
 Str. No. 42-120-015  
 9'x5' Box Culvert (Precast)  
 Sta. 340+00.00  
 Str. No. 42-113-015  
 12'x10' Box Culvert  
 Sta. 332+19.10  
 Str. No. 42-111-016  
 2 - 12'x5' Box Culvert (Precast)

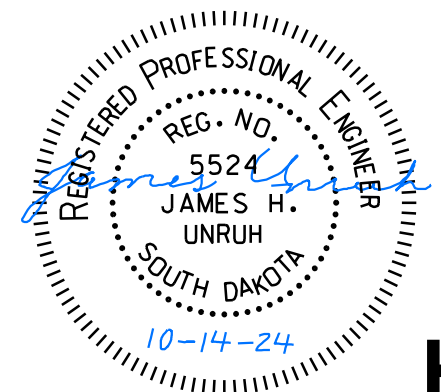
**BEGIN NH 0100(106)409**  
 VETERANS PARKWAY  
 Station 326+00.00

**Borrow Pit No. 2**  
 S 1/2  
 Sec 13 - T100N - R50W

**P 8042(00)**  
 SOUTHEASTERN AVENUE  
 Station 600+99.31 to 609+76.31

**Borrow Pit No. 5**  
 N 1/2  
 Sec 17 - T100N - R49W  
**END NH 0100(106)409**  
 VETERANS PARKWAY  
 Station 430+00.00

**P 8042(00)**  
 SYCAMORE AVENUE  
 Station 699+99.87 to 709+78.23



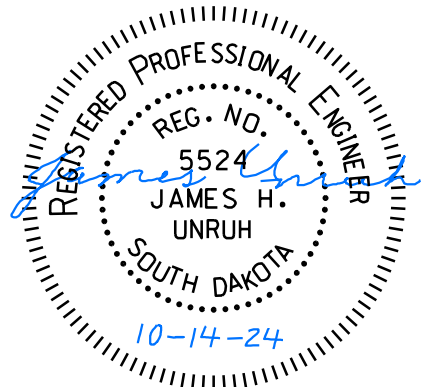
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-0100(106)409 & P 8042 (00)	M2	M27

Plotting Date: 10/14/2024

**SECTION M ESTIMATE OF QUANTITIES**

Bid Item Number	Item	Quantity				Unit
		PCN 01V7 Veterans	PCN 08DG Southeastern	PCN 08DH Sycamore	Total	
633E0010	Cold Applied Plastic Pavement Marking, 4"	8,337	3,092	9,730	21,159	Ft
633E0019	Cold Applied Plastic Pavement Marking, 4" with Contrast Border	15,626	950	530	17,106	Ft
633E0030	Cold Applied Plastic Pavement Marking, 24"	80	94	110	284	Ft
633E0040	Cold Applied Plastic Pavement Marking, Arrow	43	19	7	69	Each
633E0211	Preformed Thermoplastic Pavement Marking, 4" with Contrast Border	204	-	-	204	Ft
633E0225	Preformed Thermoplastic Pavement Marking, 24"	1,788	78	32	1,898	Ft
633E5000	Grooving for Cold Applied Plastic Pavement Marking, 4"	8,337	3,092	9,730	21,159	Ft
633E5004	Grooving for Cold Applied Plastic Pavement Marking, 4" with Contrast Border	15,830	950	530	17,310	Ft
633E5015	Grooving for Cold Applied Plastic Pavement Marking, 24"	1,868	172	142	2,182	Ft
633E5025	Grooving for Cold Applied Plastic Pavement Marking, Arrow	43	19	7	69	Each



**COLD APPLIED PLASTIC PAVEMENT MARKING**

All materials will be applied as per the manufacturer's recommendations.

Cold Applied Plastic Pavement Markings will be 3M Series 380 AW or an approved equal.

Cold Applied Plastic Pavement Markings with contrast border will be 3M "Stamark" type 380AW-5, or an approved equal.

**PREFORMED THERMOPLASTIC PAVEMENT MARKING**

**General**

- Made of prefabricated retroreflective, resilient thermoplastic material;
- Contains glass beads uniformly distributed through the entire cross-sectional area;
- Capable of being affixed to bituminous or concrete pavement by heating;
- Resistant to deterioration due to exposure to sunlight, water, salt, and adverse weather conditions;
- Under traffic wear, shows no appreciable fading in accordance with the color requirements, lifting, or shrinkage throughout the life of the marking;
- Capable of conforming to pavement contours, breaks, and faults through the action of traffic at normal pavement temperatures;
- Possesses resealing characteristics, such that it is capable of fusing with itself and previous thermoplastic markings when heated; and
- Protected during shipment and in storage.

Apply the preformed thermoplastic pavement marking as recommended by the manufacturer to provide a neat, durable marking that will not flow, distort, or crack due to temperature if the pavement surface remains stable. Use equipment and application methods specified by the manufacturer. Primer as required by the manufacturer will be provided with the material.

Application of the markings will include the use of any manufacturer recommended sealers. Sealers may be required on concrete pavements, inside grooves, or on older asphalt pavements. Prior to placing any markings on new concrete, the Contractor will remove any curing compounds. Removal will be by sandblasting or other standard industry methods.

Any required primers or sealers will be included in the contract unit price for the various preformed thermoplastic pavement marking items.

Provide precut messages and symbols meeting the requirements of the MUTCD and the Standard Signs Manual in custom kits. Use separate pieces or segments to form individual letters or symbols only to the extent supplied by the manufacturer. Provide shapes, sizes, and colors as required by the contract.

**Color**

- Will meet the color specification limits and luminance factors for Cold Applied Plastic Pavement Marking and Legends (Section 983.2 D, Tables 1 and 2).

**Glass Beads**

- Ensure the preformed thermoplastic pavement marking contains a minimum 30% intermixed glass beads by weight and a minimum 80% true spheres.
- Ensure preformed thermoplastic pavement markings contain only clear beads.

**Skid Resistance**

- Ensure the surface of the preformed thermoplastic pavement marking provides a skid resistance value of at least 45 British Pendulum Number (BPN) when tested in accordance with ASTM E303.

**Retroreflectivity**

- Provide preformed thermoplastic pavement marking meeting the minimum initial pavement marking retroreflectivity values using 30 m geometry and meeting the testing procedures of ASTM E1710:

Minimum Initial Pavement Marking Retroreflectivity		
	White	Yellow
Thermoplastic	400 mcd/sq. ft./ft.	250 mcd/sq. ft./ft.
Thermoplastic, enhanced skid resistance (ESR)	250 d/sq. ft./ft.	150 d/sq. ft./ft.

**Thickness**

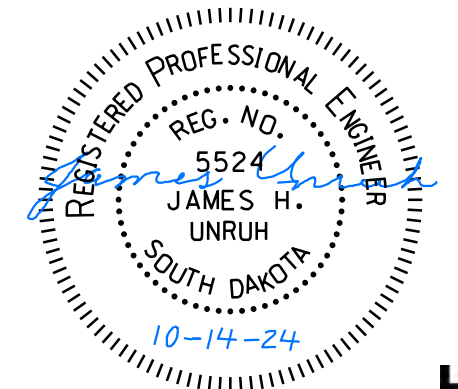
- A longitudinal marking is a minimum 90 mils thick at the edges, and a maximum 125 mils thick at the center of the stripe.
- Transverse markings and symbols are a minimum 125 mils thick at the edges, and a maximum 160 mils thick at the center.

**Sample**

- Prior to application, the Contractor will provide a sample of the preformed thermoplastic pavement marking to be used on the project to the Region Traffic Engineer for inspection and approval.
- Do not begin application of the preformed thermoplastic pavement marking prior to obtaining the Region Traffic Engineer's approval of the preformed thermoplastic pavement marking material. The Region Traffic Engineer's approval of the preformed thermoplastic pavement marking does not void other preformed thermoplastic pavement marking requirements specified.

**GROOVING FOR THERMOPLASTIC AND COLD APPLIED PLASTIC PAVEMENT MARKING**

The Contractor will establish a positive means for the removal of the grinding and/or grooving residue. Residue from dry grooving will be vacuumed. Solid residue will be removed from the pavement surfaces before being blown by traffic action or wind. The Contractor will conduct this work to control and minimize airborne dust and similar debris that may become a hazard to motor vehicle operation or nuisance to property owners. Residue from wet grooving will not be permitted to flow across lanes being used by public traffic or into gutter or drainage facilities. Residue, whether in solid or slurry form, will be disposed of in a manner that will prevent it from reaching any waterway in a concentrated state. The cleaning of the residue for grooving will be to the satisfaction of the Engineer and may require more than one pass to adequately remove material. All costs for removal of grinding and/or grooving residue will be included in the contract unit price per foot, square foot, each, or word for "Grooving for Cold Applied Plastic Pavement Marking" contract items.



FOR BIDDING PURPOSES ONLY

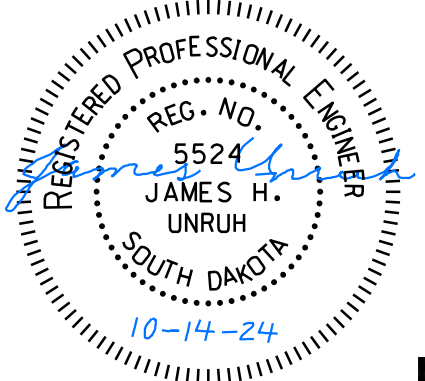
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH-0100(106)409 & P 8042(00)	M4	M27

Plotting Date: 10/10/2024

TABLE OF PAVEMENT MARKINGS							
Width Solid or Skip Color Bid item(s)	COLD APPLIED PLASTIC & GROOVED					PREFORMED THERMOPLASTIC & GROOVED	
	4"		4" Contrast Skip (4" wide)	24"	Arrow	4" Contrast Skip (4" wide)	24"
	W	Y	W	Y	W	W	W
	633E0010		633E0019	633E0030	633E0040	633E0211	633E0225
	633E5000		633E5004	633E5015	633E5025		
<b>01V7 Veterans Parkway</b>							
Location	(Ft)	(Ft)	(Ft)	(Ft)	(Each)	(Ft)	(Ft)
326+00 to 377+00 (Cliff to Southeastern)	713	3,432	8,719	10	14	0	0
377+00 to 378+79 (Southeastern Ave Intersec)	816	224	45	20	6	144	935
378+79 to 427+50 (Southeastern to Sycamore)	2,105	224	6,302	20	18	0	0
427+50 to 429+03 (Sycamore Ave Intersection)	487	224	40	20	2	60	853
429+03 to 430+00 (Sycamore to End of Project)	0	112	520	10	3	0	0
Subtotal	<b>4,121</b>	<b>4,216</b>	<b>15,626</b>	<b>80</b>	<b>43</b>	<b>204</b>	<b>1,788</b>
<b>Total 01V7 Veterans</b>	<b>8,337</b>		<b>15,626</b>	<b>80</b>	<b>43</b>	<b>204</b>	<b>1,788</b>

TABLE OF PAVEMENT MARKINGS							
Width Solid or Skip Color Bid item(s)	COLD APPLIED PLASTIC & GROOVED					PREFORMED THERMOPLASTIC & GROOVED	
	4"		4" Contrast Skip (4" wide)	24"	Arrow	4" Contrast Skip (4" wide)	24"
	W	Y	W	Y	W	W	W
	633E0010		633E0019	633E0030	633E0040	633E0211	633E0225
	633E5000		633E5004	633E5015	633E5025		
<b>08DG Southeastern Avenue</b>							
Location	(Ft)	(Ft)	(Ft)	(Ft)	(Each)	(Ft)	(Ft)
600+99 to 609+76 (South of Veterans Parkway)	608	1,144	260	82	8	0	16
613+13 to 628+39 (North of Veterans Parkway)	1,220	120	690	12	11	0	62
Subtotal	<b>1828</b>	<b>1264</b>	<b>950</b>	<b>94</b>	<b>19</b>	<b>0</b>	<b>78</b>
<b>Total 08DG Southeastern</b>	<b>3,092</b>		<b>950</b>	<b>94</b>	<b>19</b>	<b>0</b>	<b>78</b>

TABLE OF PAVEMENT MARKINGS							
Width Solid or Skip Color Bid item(s)	COLD APPLIED PLASTIC & GROOVED					PREFORMED THERMOPLASTIC & GROOVED	
	4"		4" Contrast Skip (4" wide)	24"	Arrow	4" Contrast Skip (4" wide)	24"
	W	Y	W	Y	W	W	W
	633E0010		633E0019	633E0030	633E0040	633E0211	633E0225
	633E5000		633E5004	633E5015	633E5025		
<b>08DH Sycamore Avenue</b>							
Location	(Ft)	(Ft)	(Ft)	(Ft)	(Each)	(Ft)	(Ft)
700+00 to 709+78 (South of Veterans Parkway)	380	1,200	300	86	4	0	16
713+11 to 737+50 (North of Veterans Parkway)	4,214	3,936	230	24	3	0	16
Subtotal	<b>4594</b>	<b>5136</b>	<b>530</b>	<b>110</b>	<b>7</b>	<b>0</b>	<b>32</b>
<b>Total 08DH Sycamore</b>	<b>9,730</b>		<b>530</b>	<b>110</b>	<b>7</b>	<b>0</b>	<b>32</b>



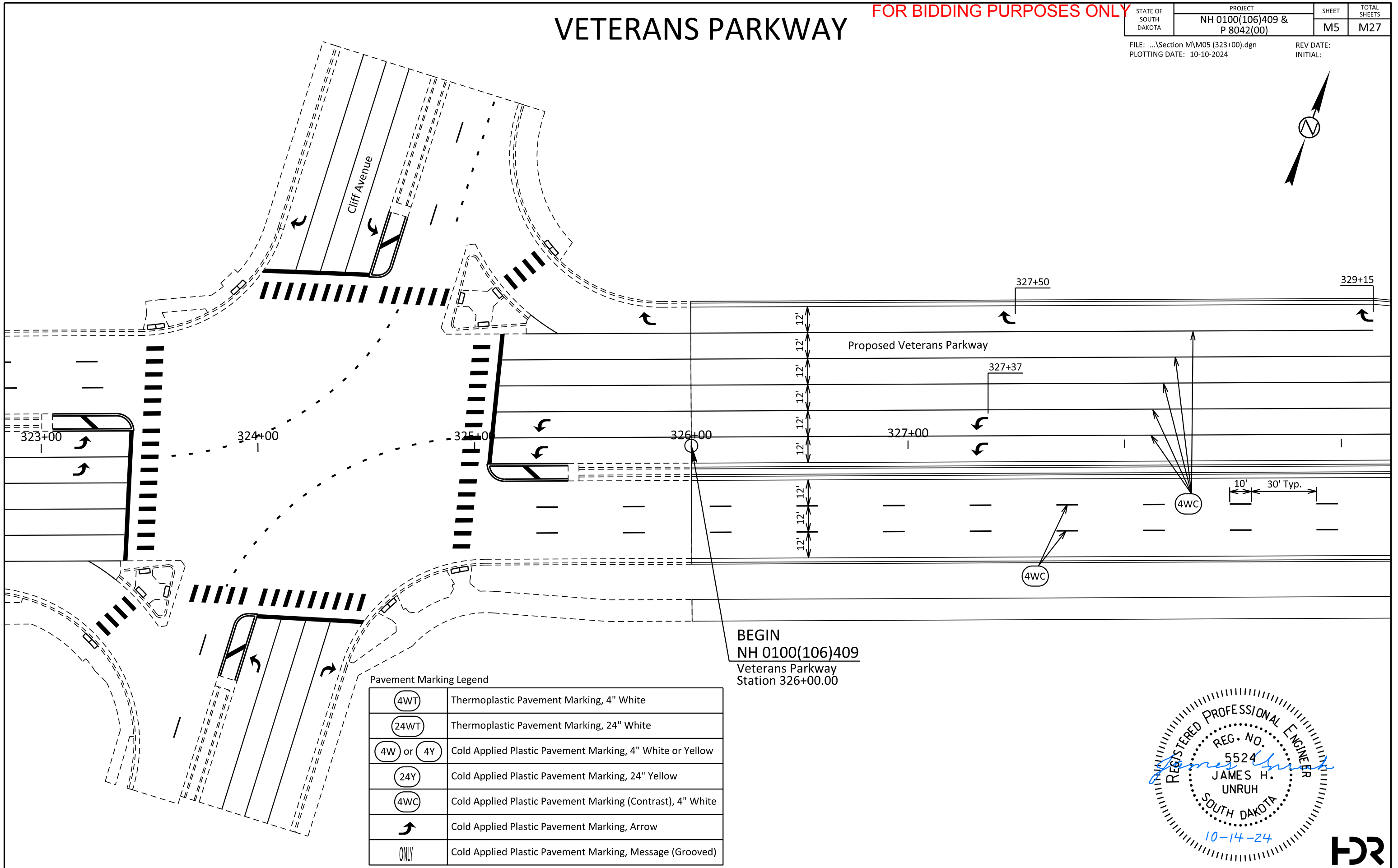
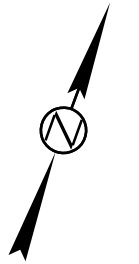
# VETERANS PARKWAY

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)	M5	M27

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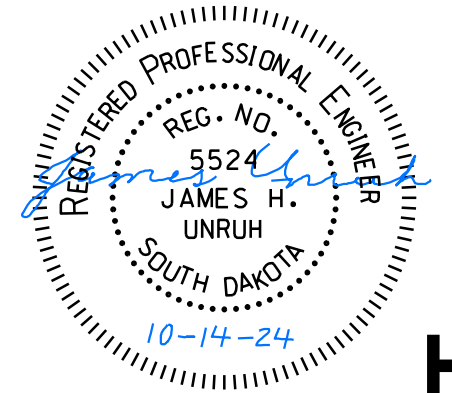
REV DATE:  
INITIAL:



BEGIN  
NH 0100(106)409  
Veterans Parkway  
Station 326+00.00

Pavement Marking Legend

(4WT)	Thermoplastic Pavement Marking, 4" White
(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)



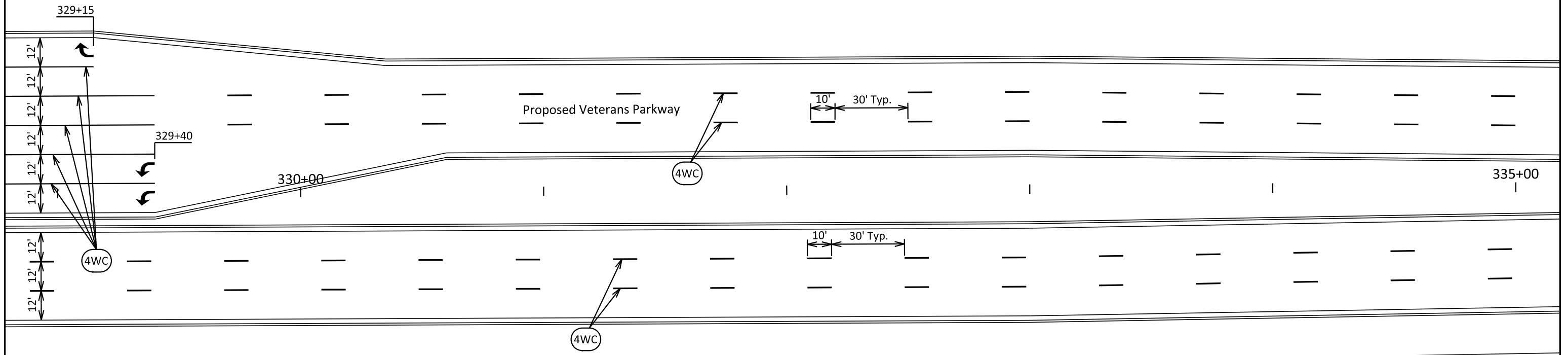
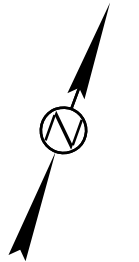


# VETERANS PARKWAY

FOR BIDDING PURPOSES ONLY

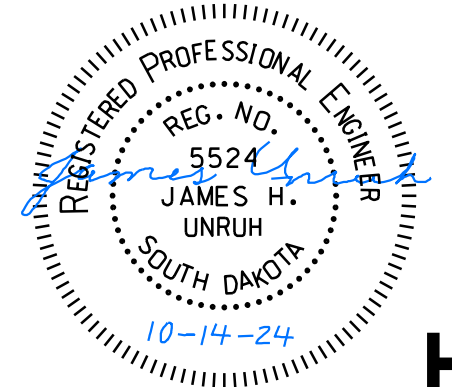
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	NH 0100(106)409 & P 8042(00)	M6	M27

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 PLOTTING DATE: 10-10-2024  
 REV DATE: INITIAL:



Pavement Marking Legend

(4WT)	Thermoplastic Pavement Marking, 4" White
(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)

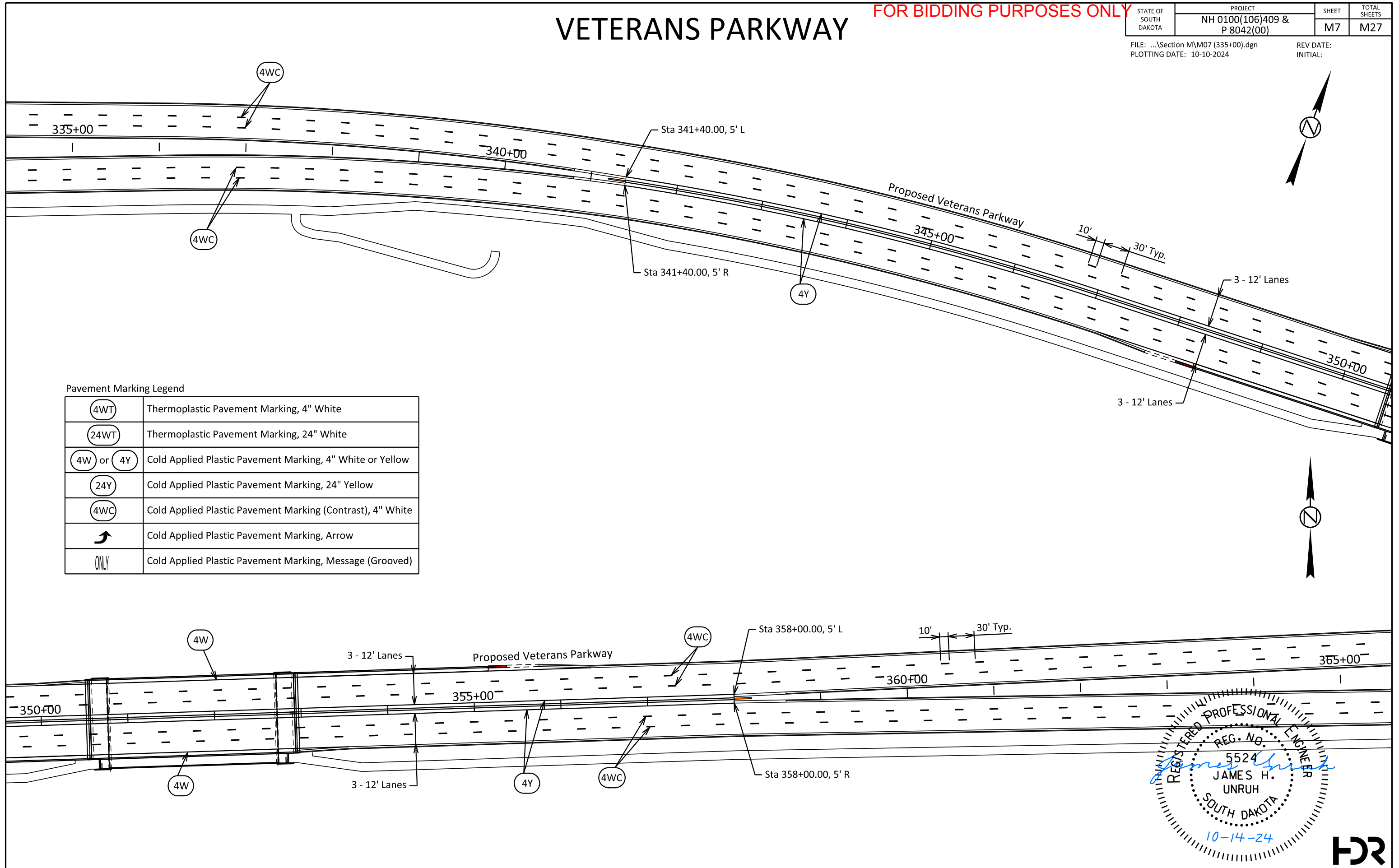


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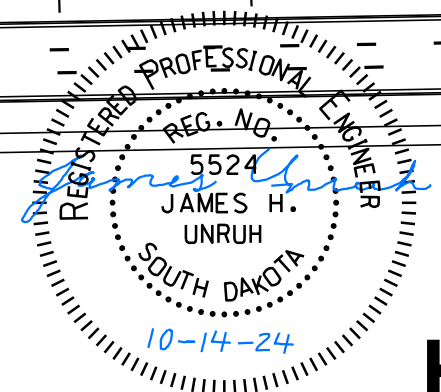
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PLOTTING DATE: 10-10-2024  
REV DATE:  
INITIAL:



Pavement Marking Legend

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(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)



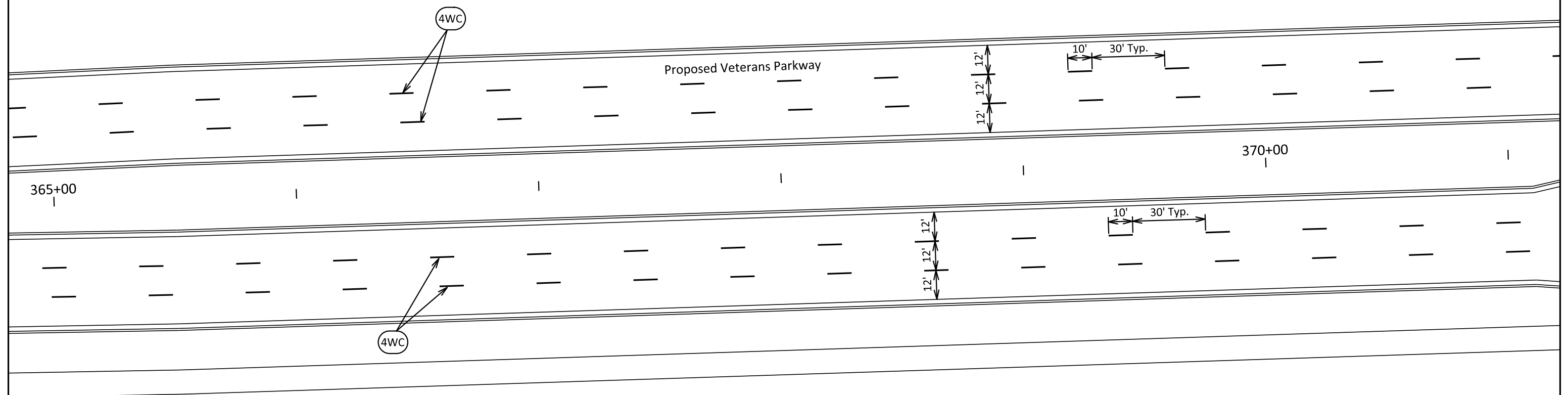
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FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
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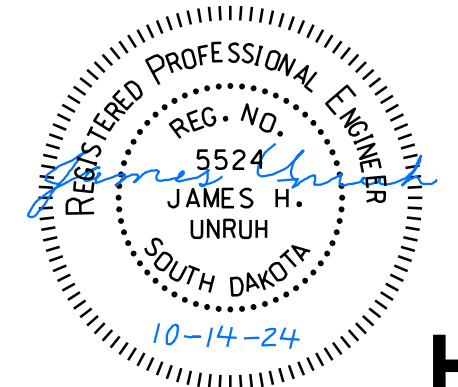
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REV DATE:  
INITIAL:



Pavement Marking Legend

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(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)





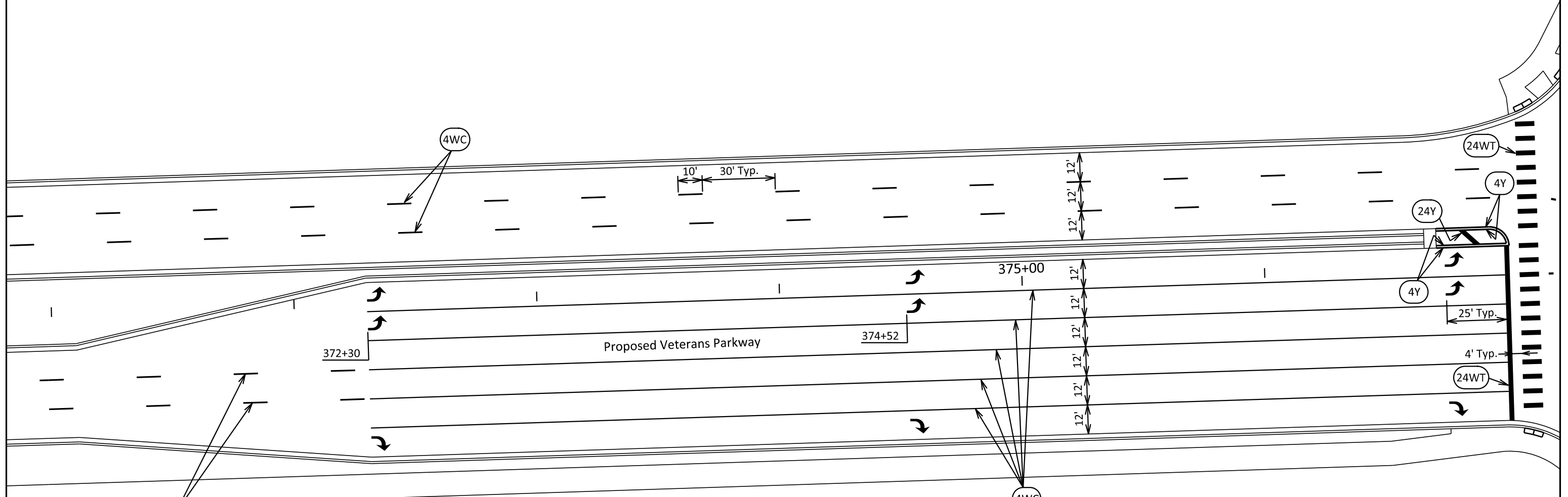
# VETERANS PARKWAY

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)	M9	M27

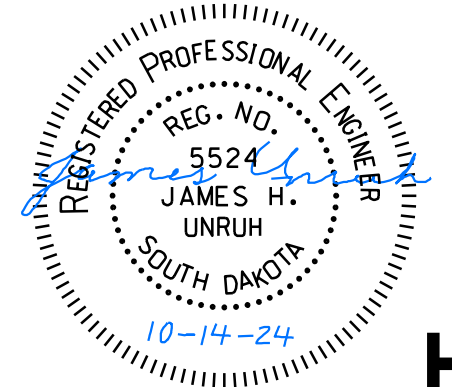
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REV DATE:  
INITIAL:



Pavement Marking Legend

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(24WT)	Thermoplastic Pavement Marking, 24" White
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(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)

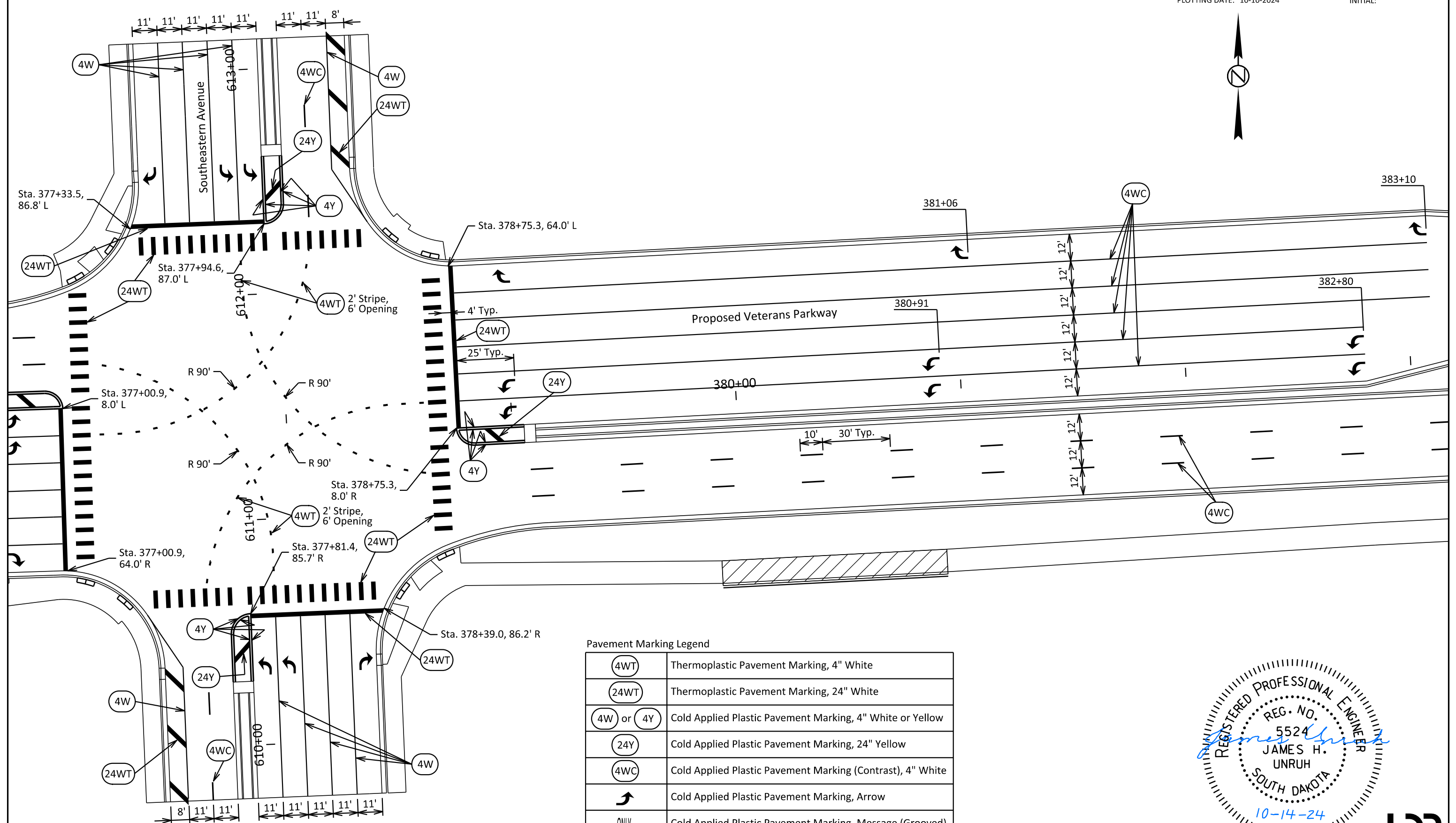


# VETERANS PARKWAY

FOR BIDDING PURPOSES ONLY

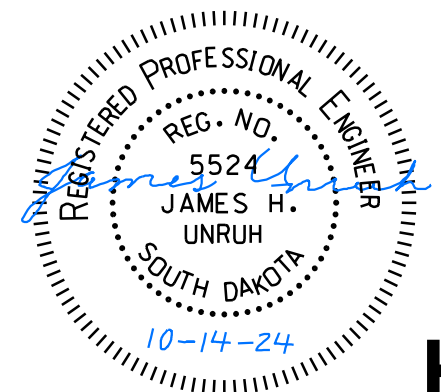
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PLOTING DATE: 10-10-2024  
REV DATE:  
INITIAL:



Pavement Marking Legend

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(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
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(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↷	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)



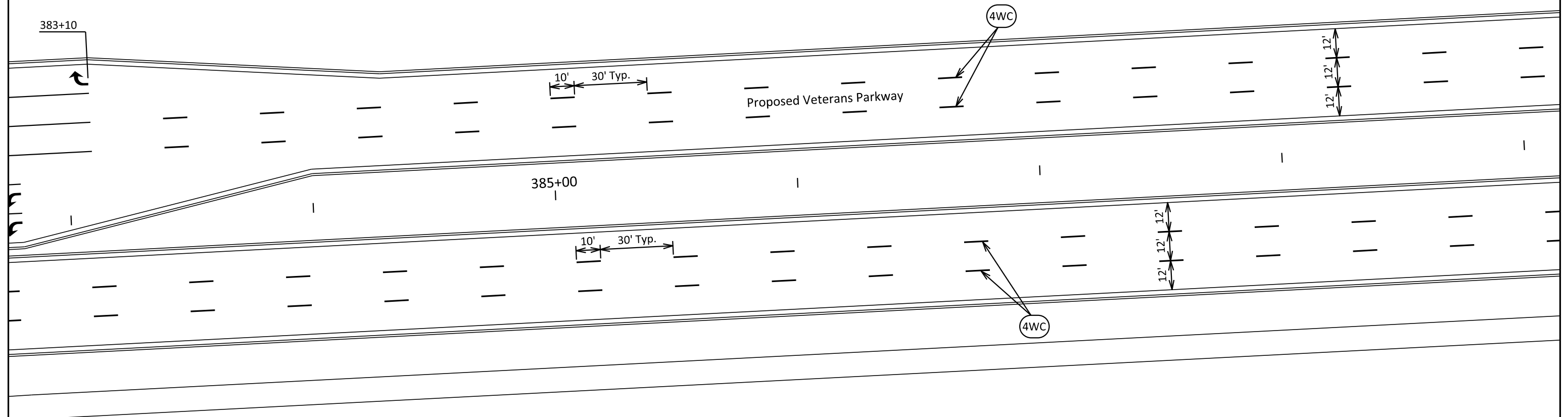
# VETERANS PARKWAY

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)	M11	M27

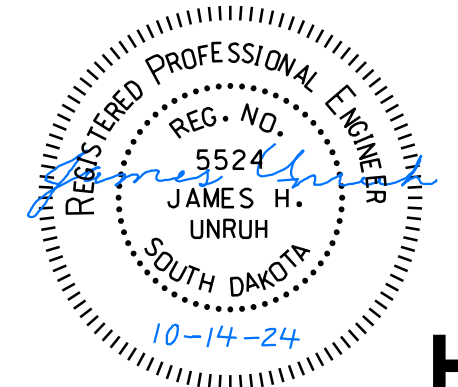
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Pavement Marking Legend

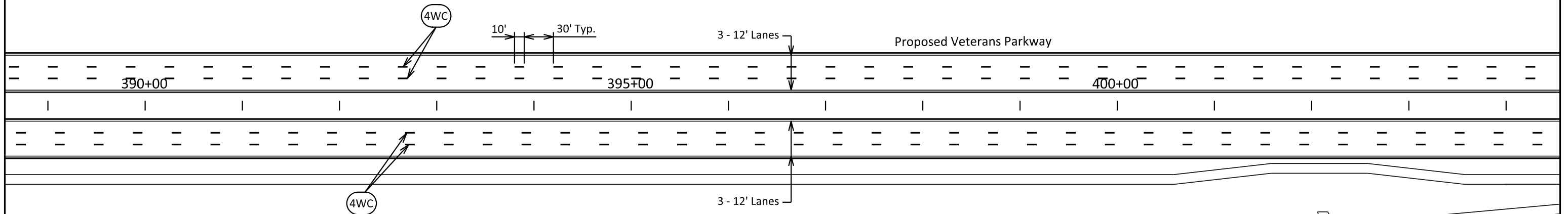
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↷	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)



# VETERANS PARKWAY

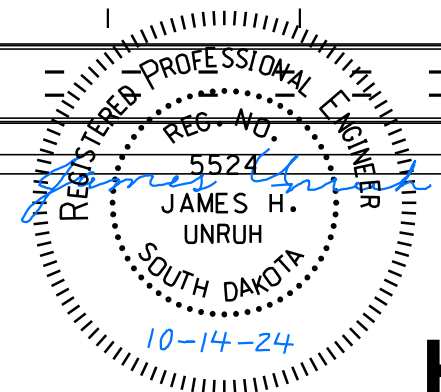
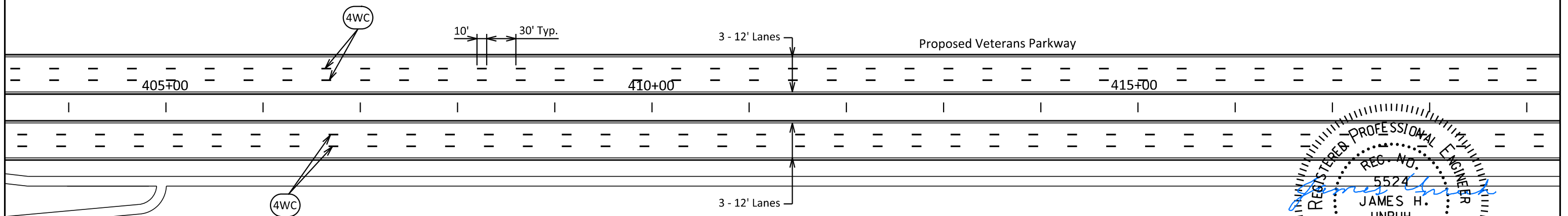
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STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)		
FILE: ...\\Section M\M12 (389+00).dgn		REV DATE:	
PLOTING DATE: 10-10-2024		INITIAL:	



Pavement Marking Legend

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↗	Cold Applied Plastic Pavement Marking, Arrow
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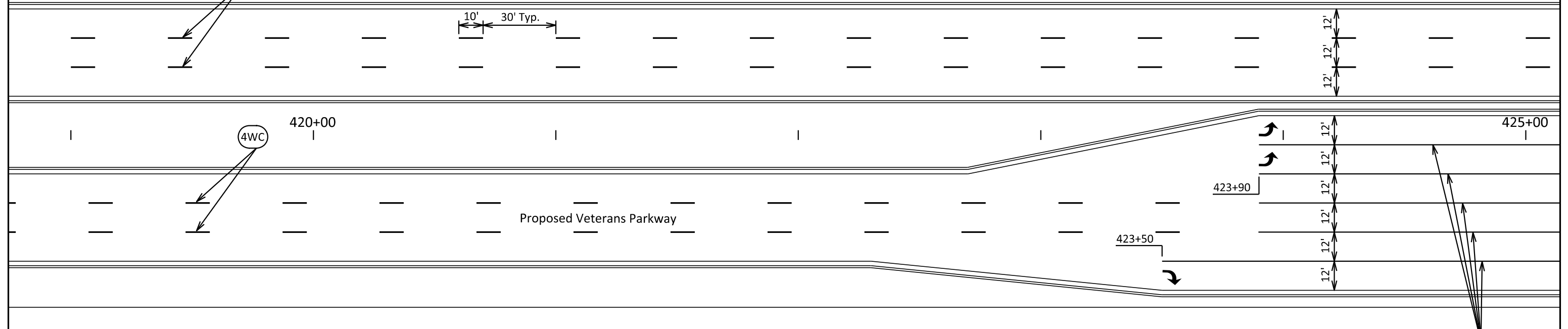
# VETERANS PARKWAY

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)	M13	M27

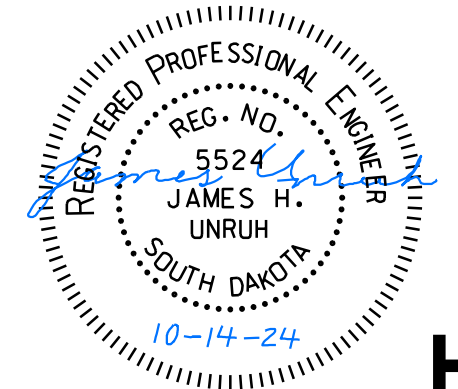
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REV DATE:  
INITIAL:



Pavement Marking Legend

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(24WT)	Thermoplastic Pavement Marking, 24" White
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(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)



# VETERANS PARKWAY

FOR BIDDING PURPOSES ONLY

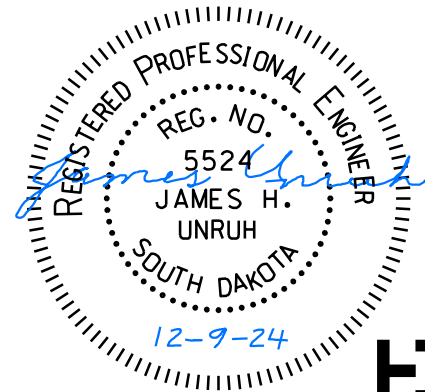
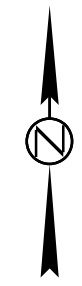
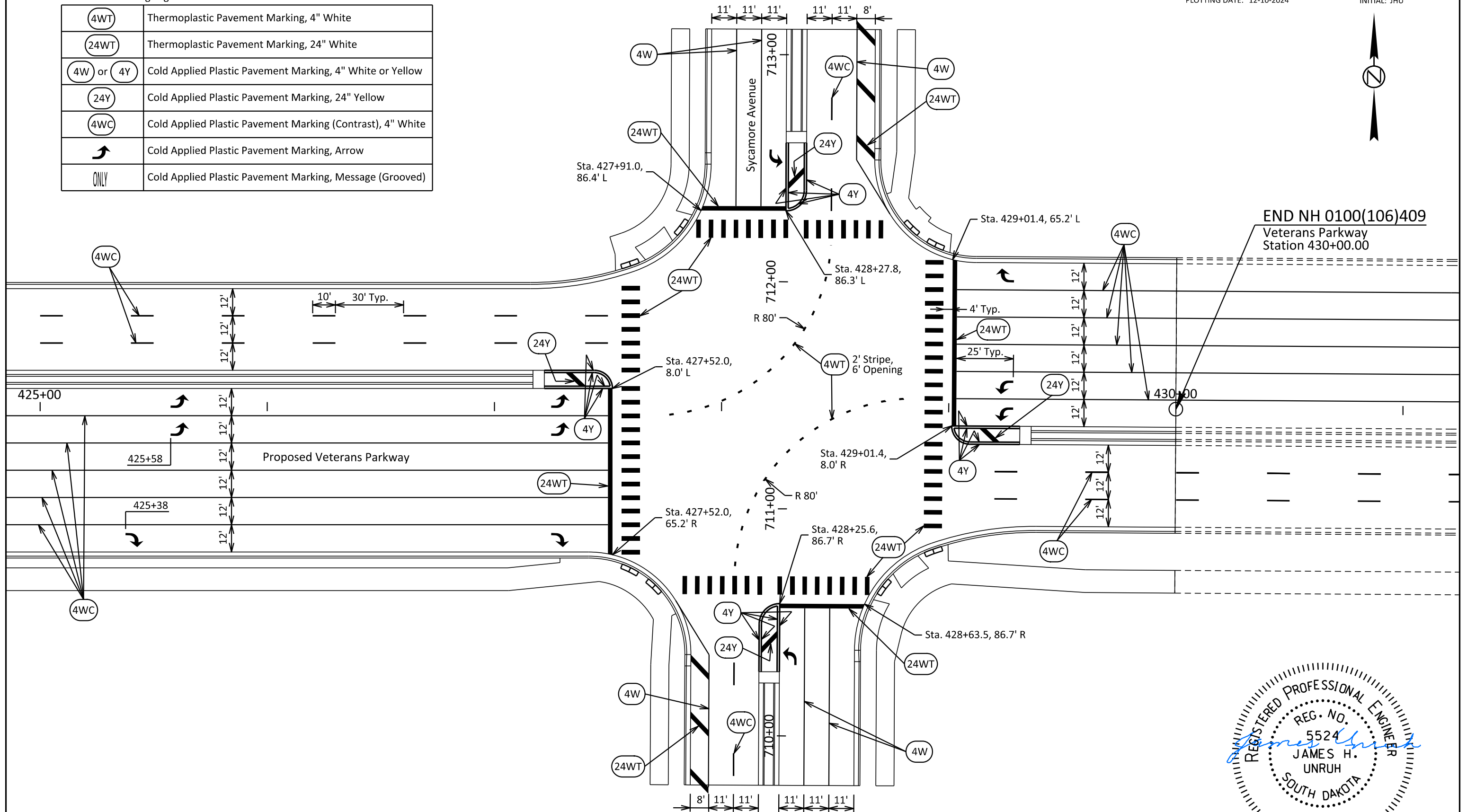
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)		

FILE: ...\\Section M\\M14 (425+00).dgn  
PLOTTING DATE: 12-10-2024

REV DATE: 12-9-2024  
INITIAL: JHU

## Pavement Marking Legend

4WT	Thermoplastic Pavement Marking, 4" White
24WT	Thermoplastic Pavement Marking, 24" White
4W or 4Y	Cold Applied Plastic Pavement Marking, 4" White or Yellow
24Y	Cold Applied Plastic Pavement Marking, 24" Yellow
4WC	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)





# SOUTHEASTERN AVENUE

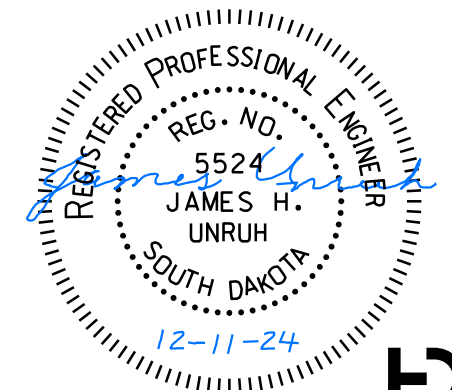
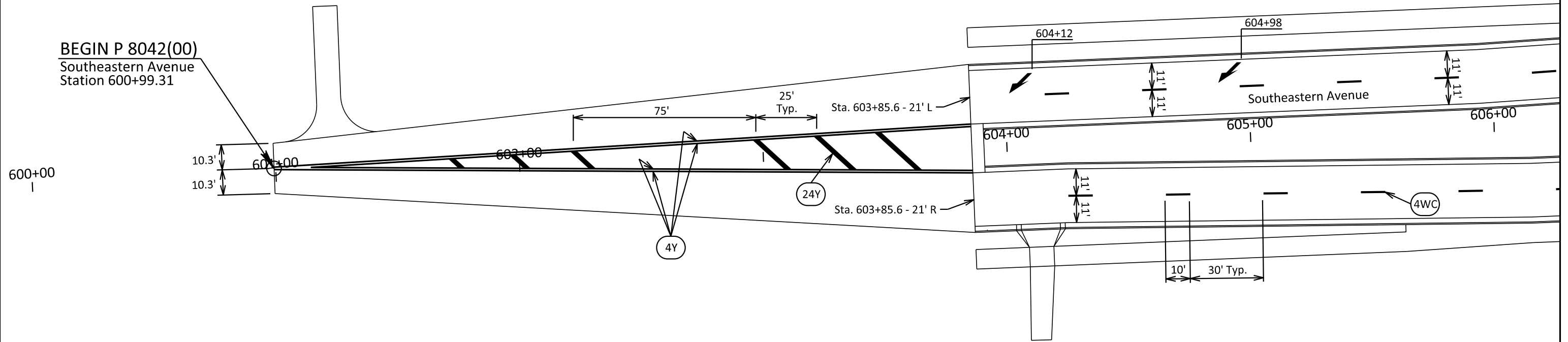
FOR BIDDING PURPOSES ONLY



STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)	M15	M27
FILE: ...M15 (Southeastern 601).dgn		REV DATE: 12-11-2024	
PLOT DATE: 12-11-2024		INITIAL: JHU	

Pavement Marking Legend

(4WT)	Thermoplastic Pavement Marking, 4" White
(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)



# SOUTHEASTERN AVENUE

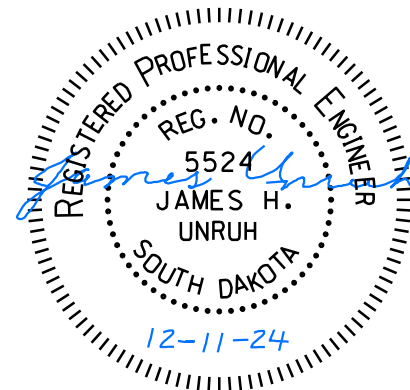
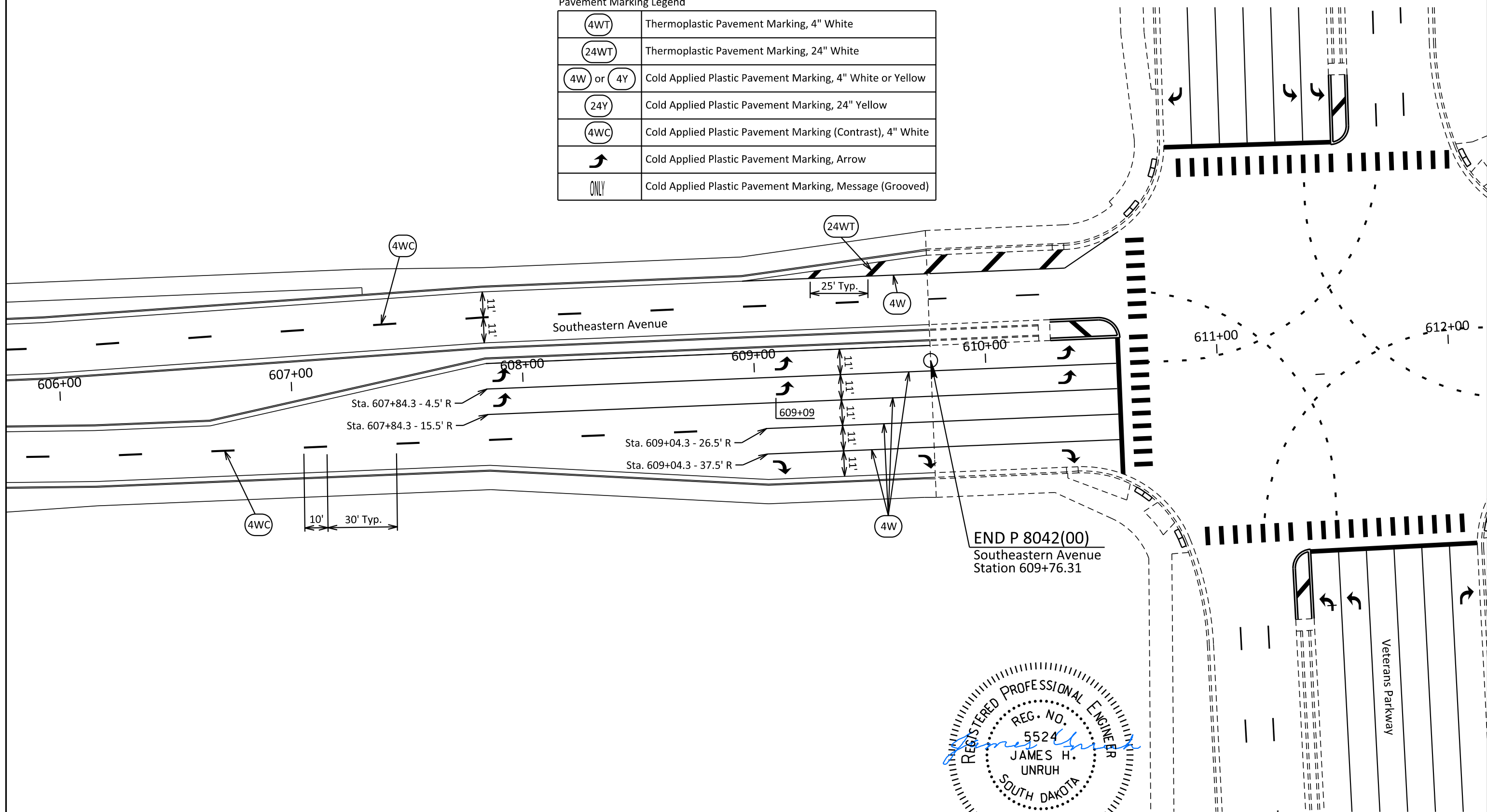
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)	M16	M27

FILE: ...M16 (Southeastern 606).dgn REV DATE: 12-11-2024  
PLOT DATE: 12-11-2024 INITIAL: JHU

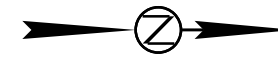
### Pavement Marking Legend

(4WT)	Thermoplastic Pavement Marking, 4" White
(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)

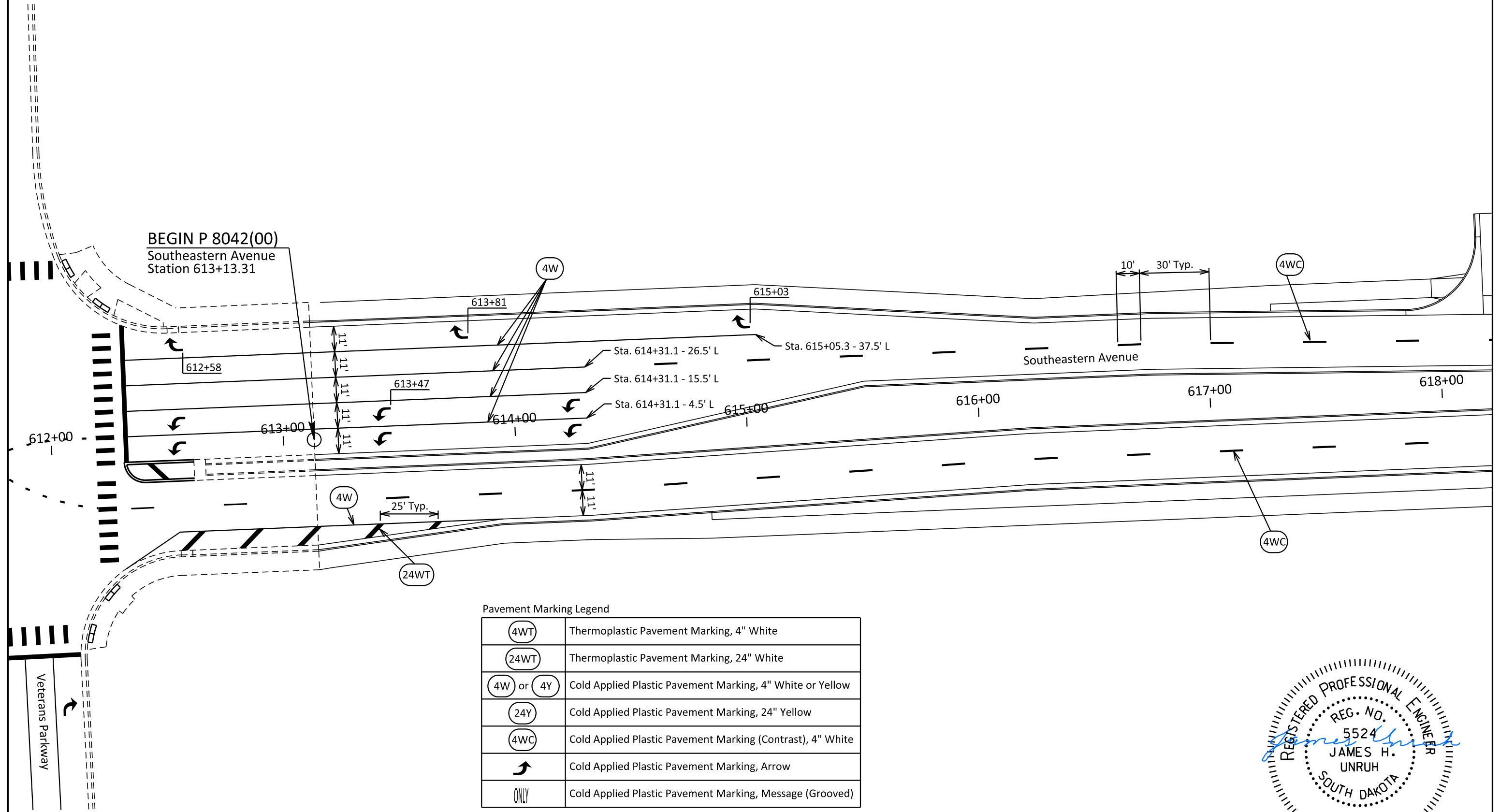


# SOUTHEASTERN AVENUE

FOR BIDDING PURPOSES ONLY

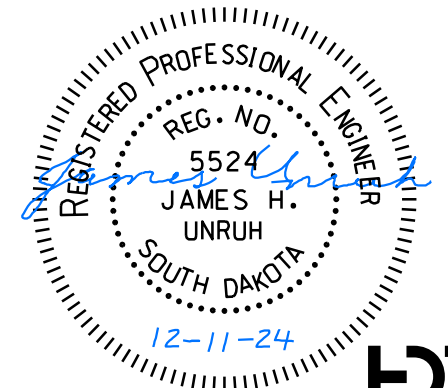


STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)	M17	M27
FILE: ...M17 (Southeastern 612).dgn		REV DATE: 12-11-2024	
PLOT DATE: 12-11-2024		INITIAL: JHU	



Pavement Marking Legend

(4WT)	Thermoplastic Pavement Marking, 4" White
(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↪	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)

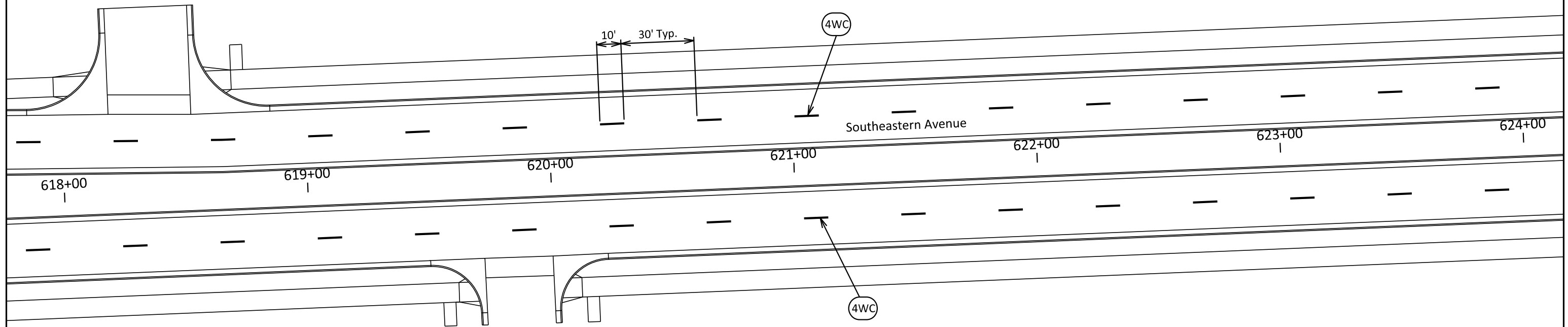


# SOUTHEASTERN AVENUE

FOR BIDDING PURPOSES ONLY

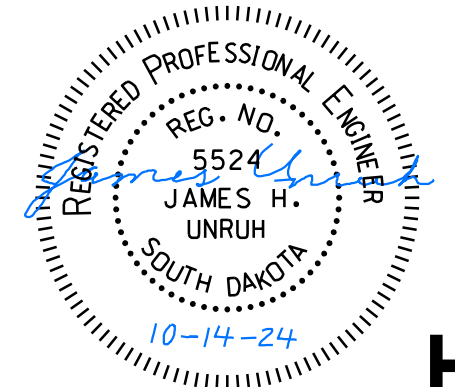


STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)		
FILE: ...M18 (Southeastern 618).dgn		REV DATE:	
PLOTING DATE: 10-10-2024		INITIAL:	



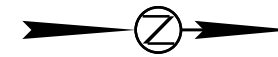
Pavement Marking Legend

(4WT)	Thermoplastic Pavement Marking, 4" White
(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)

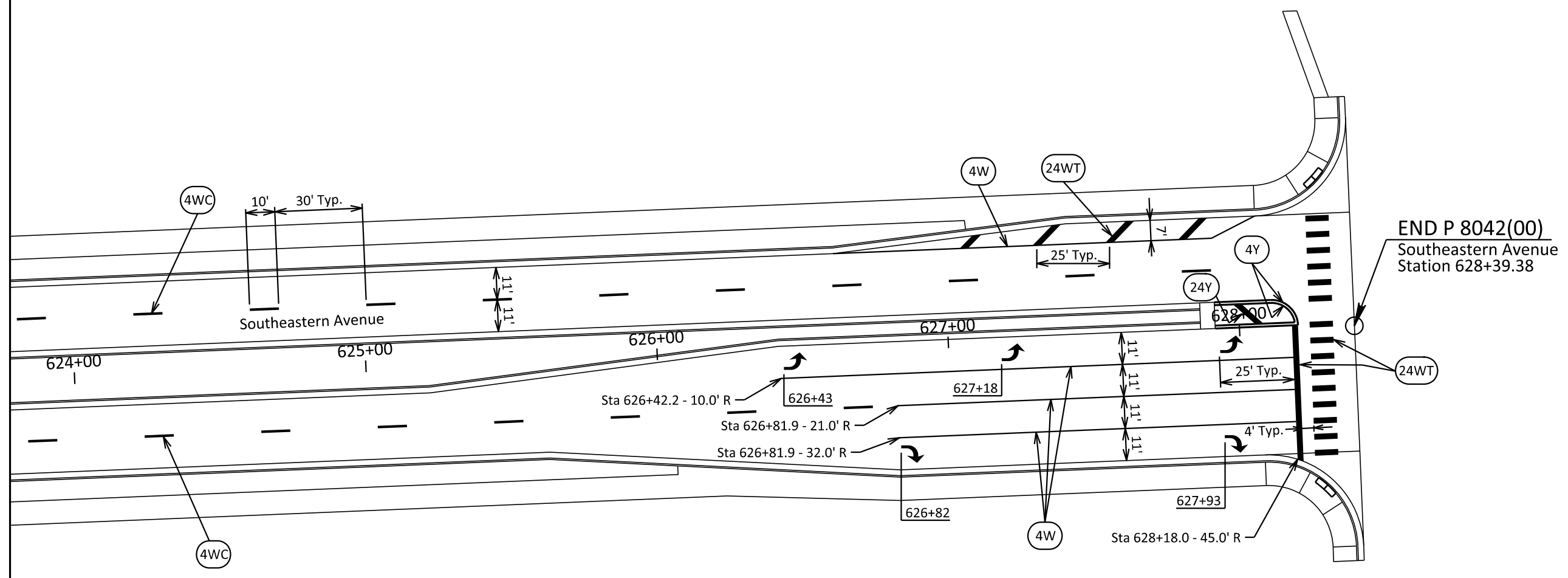


# SOUTHEASTERN AVENUE

FOR BIDDING PURPOSES ONLY



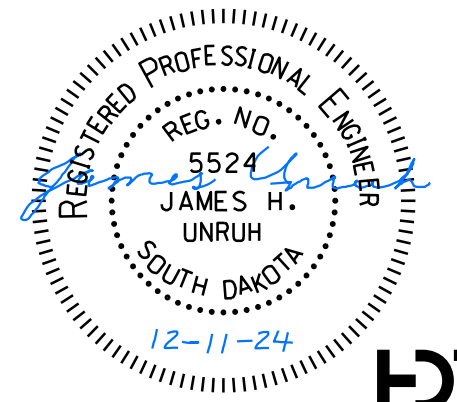
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)	M19	M27
FILE: ...M19 (Southeastern 624).dgn		REV DATE: 12-11-2024	
PLOT DATE: 12-11-2024		INITIAL: JHU	



END P 8042(00)  
Southeastern Avenue  
Station 628+39.38

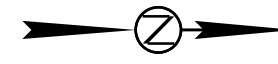
Pavement Marking Legend

(4WT)	Thermoplastic Pavement Marking, 4" White
(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↷	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)

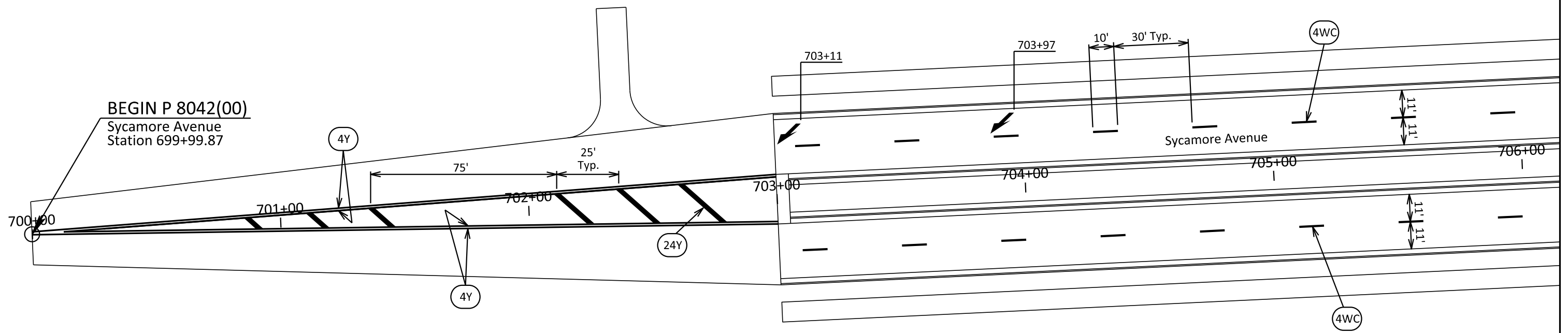


# SYCAMORE AVENUE

FOR BIDDING PURPOSES ONLY

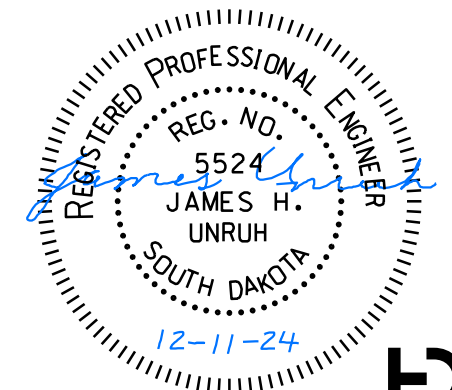


STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)	M20	M27
FILE: ...M20 (Sycamore 700).dgn		REV DATE: 12-11-2024	
PLOT DATE: 12-11-2024		INITIAL: JHU	



Pavement Marking Legend

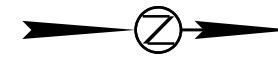
(4WT)	Thermoplastic Pavement Marking, 4" White
(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)



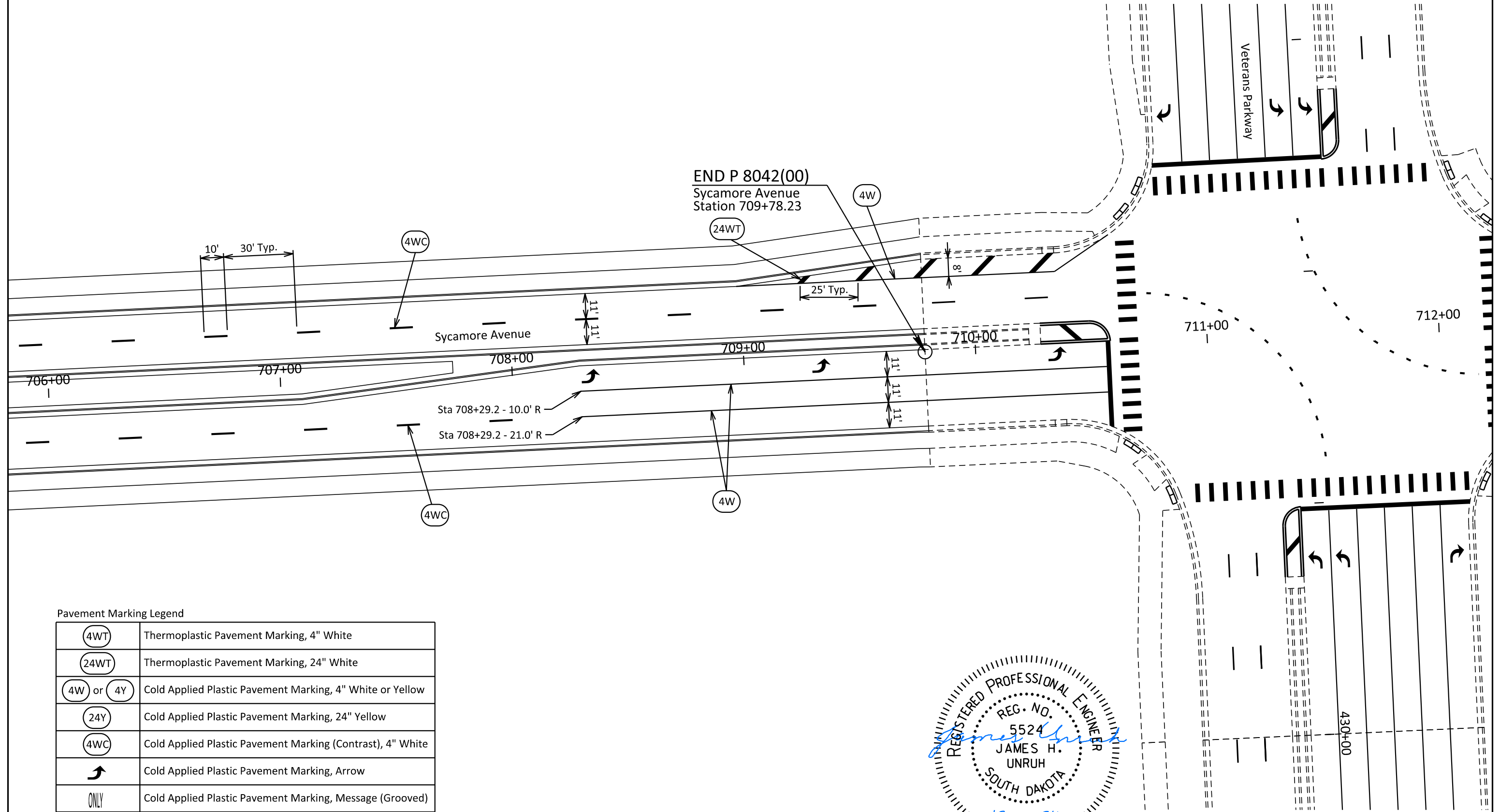


# SYCAMORE AVENUE

FOR BIDDING PURPOSES ONLY

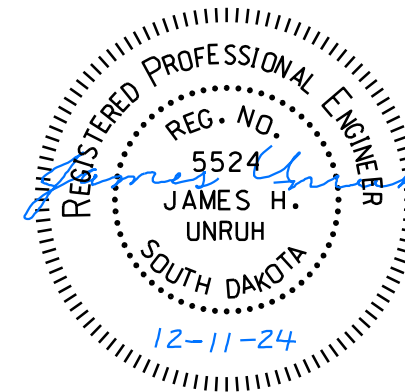


STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)	M21	M27
FILE: ...M21 (Sycamore 706).dgn		REV DATE: 12-11-2024	
PLOT DATE: 12-11-2024		INITIAL: JHU	



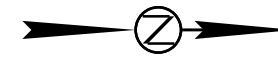
Pavement Marking Legend

(4WT)	Thermoplastic Pavement Marking, 4" White
(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)

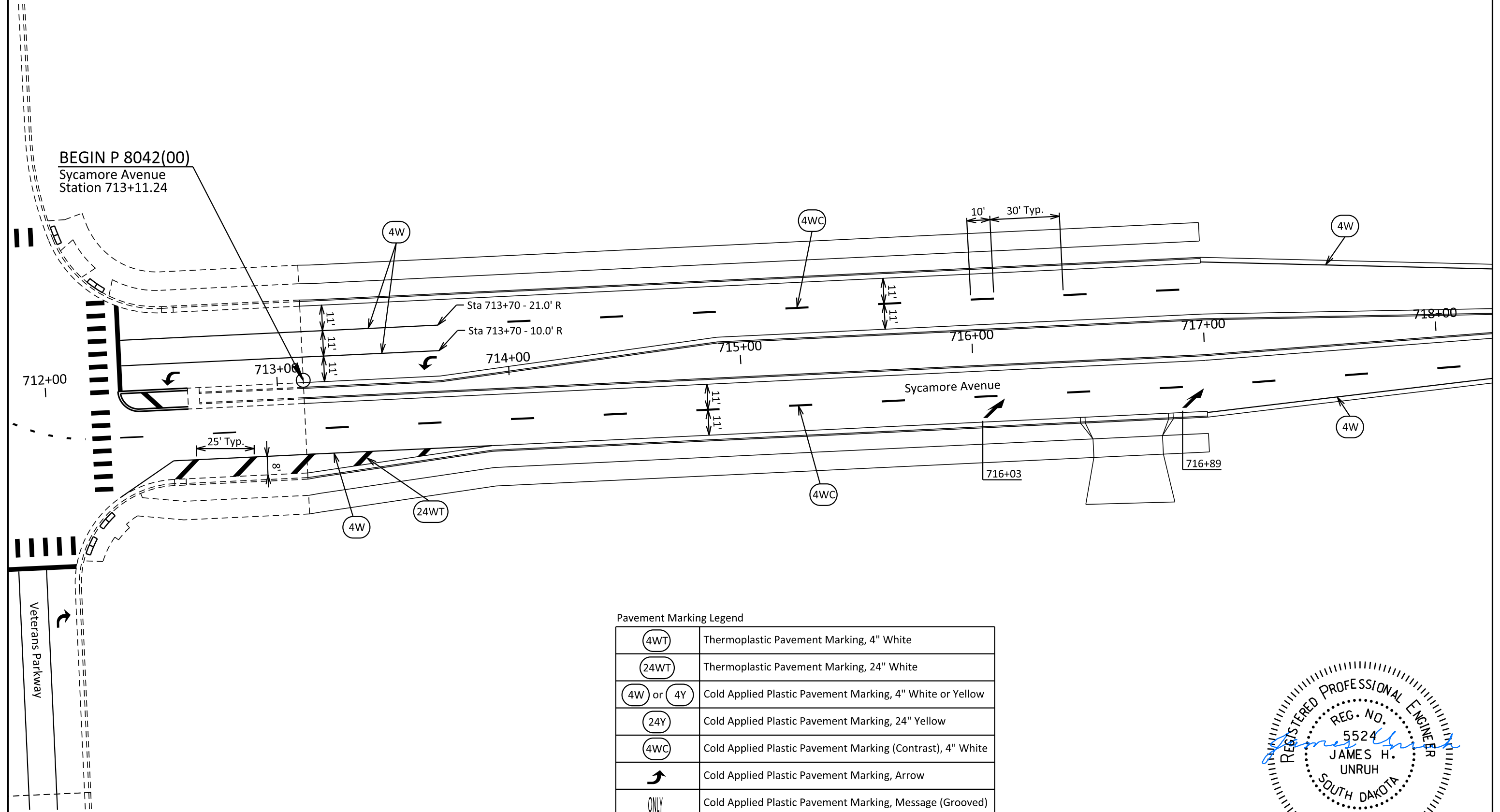


# SYCAMORE AVENUE

FOR BIDDING PURPOSES ONLY

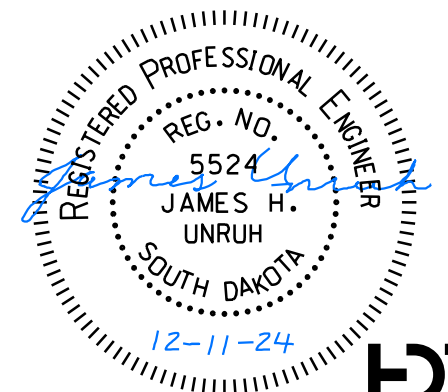


STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)	M22	M27
FILE: ...M22 (Sycamore 712).dgn		REV DATE: 12-11-2024	
PLOT DATE: 12-11-2024		INITIAL: JHU	



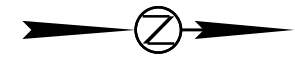
Pavement Marking Legend

(4WT)	Thermoplastic Pavement Marking, 4" White
(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)

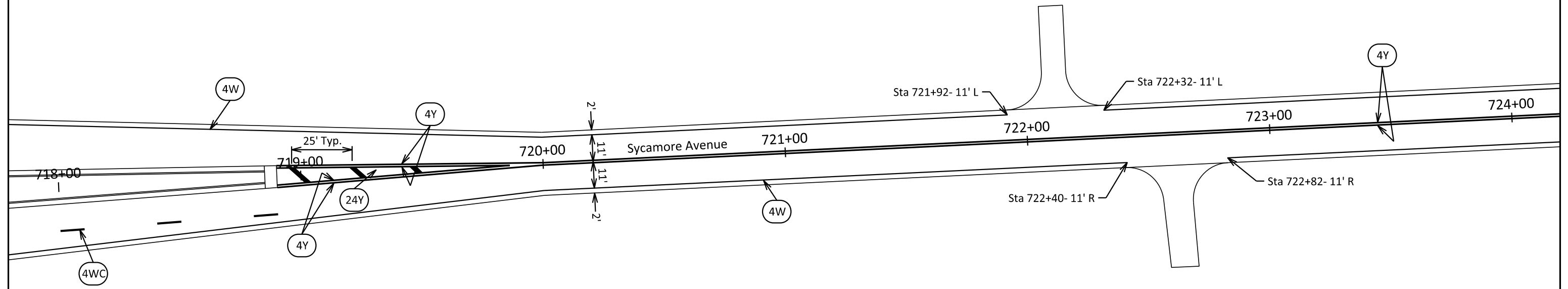


# SYCAMORE AVENUE

FOR BIDDING PURPOSES ONLY

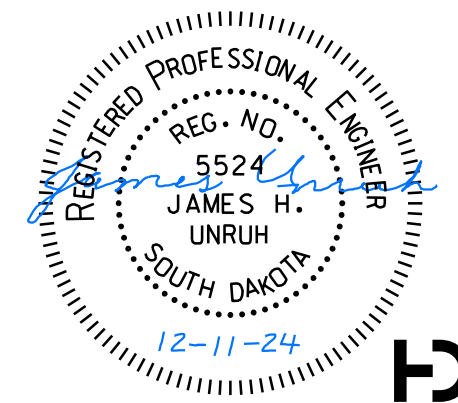


STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)	M23	M27
FILE: ...M23 (Sycamore 718).dgn		REV DATE: 12-11-2024	
PLOT DATE: 12-11-2024		INITIAL: JHU	



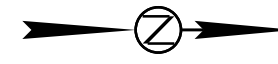
Pavement Marking Legend

(4WT)	Thermoplastic Pavement Marking, 4" White
(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)

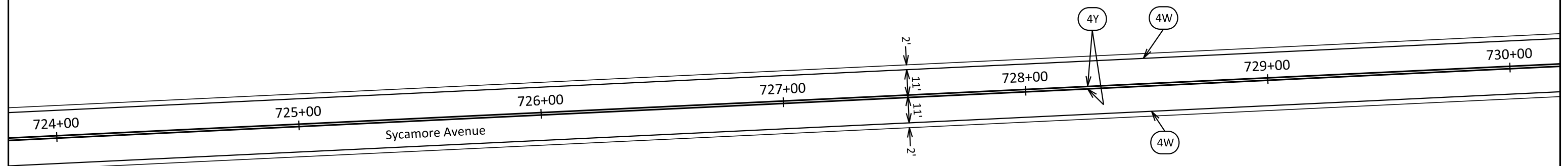


# SYCAMORE AVENUE

FOR BIDDING PURPOSES ONLY

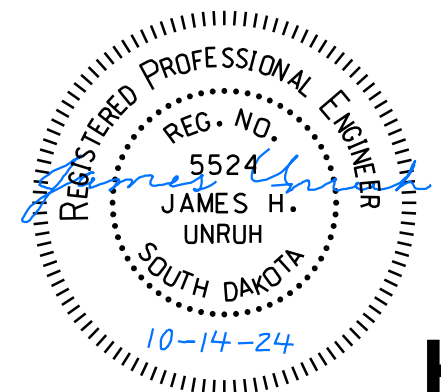


STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)	M24	M27
FILE: ...M24 (Sycamore 724).dgn		REV DATE:	
PLOT DATE: 10-10-2024		INITIAL:	



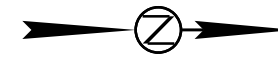
Pavement Marking Legend

(4WT)	Thermoplastic Pavement Marking, 4" White
(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)



# SYCAMORE AVENUE

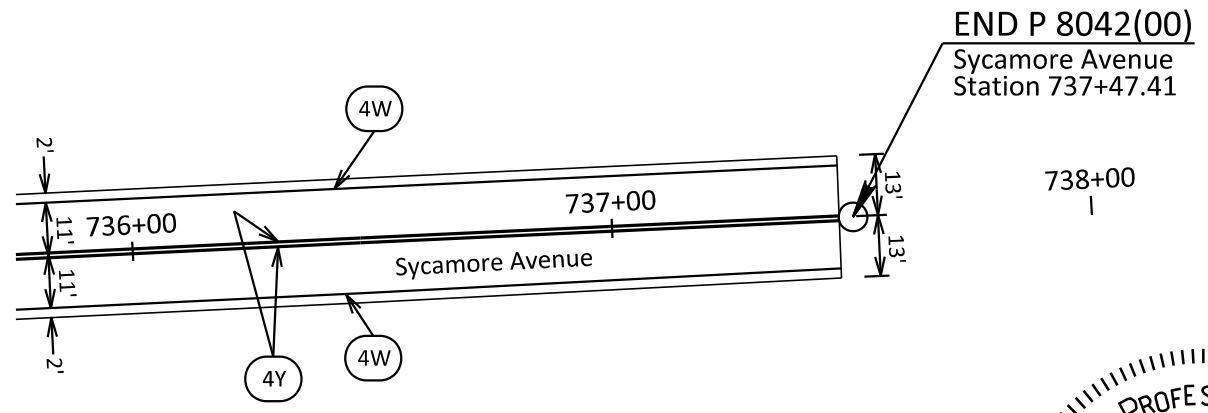
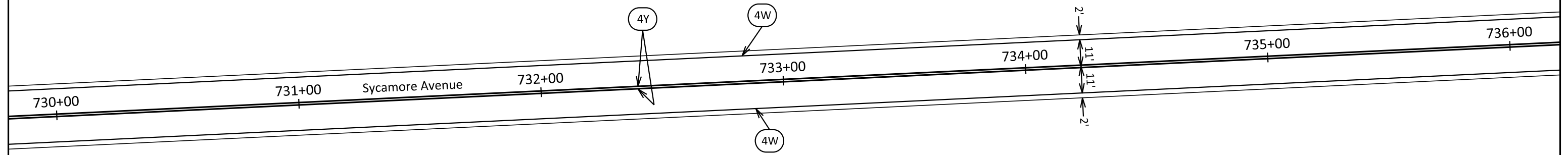
FOR BIDDING PURPOSES ONLY



STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(106)409 & P 8042(00)	M25	M27

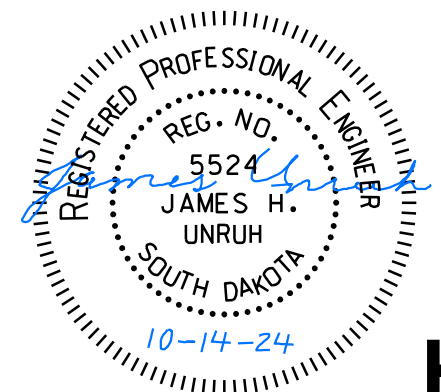
FILE: ...M25 (Sycamore 730).dgn  
PLOTTING DATE: 10-10-2024

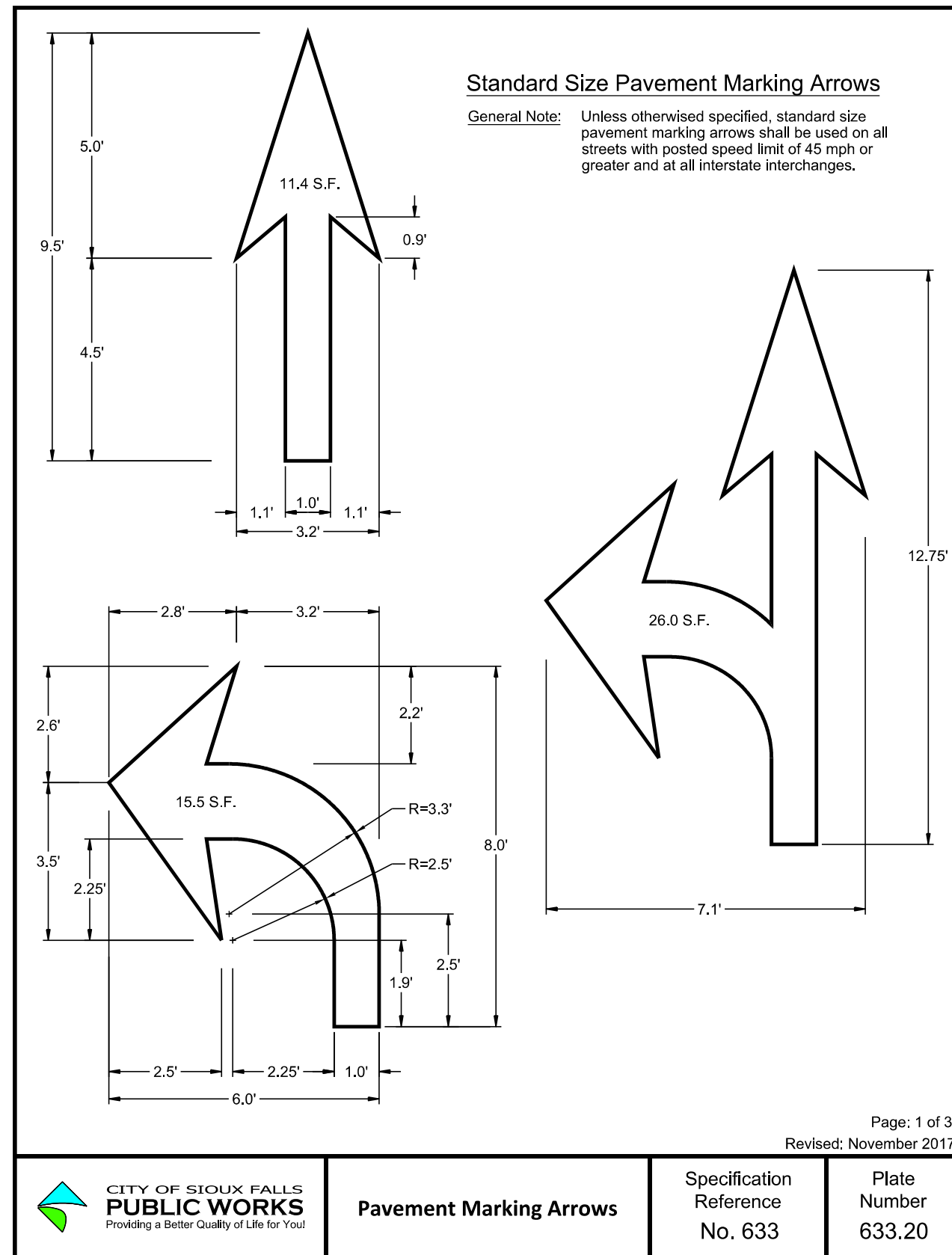
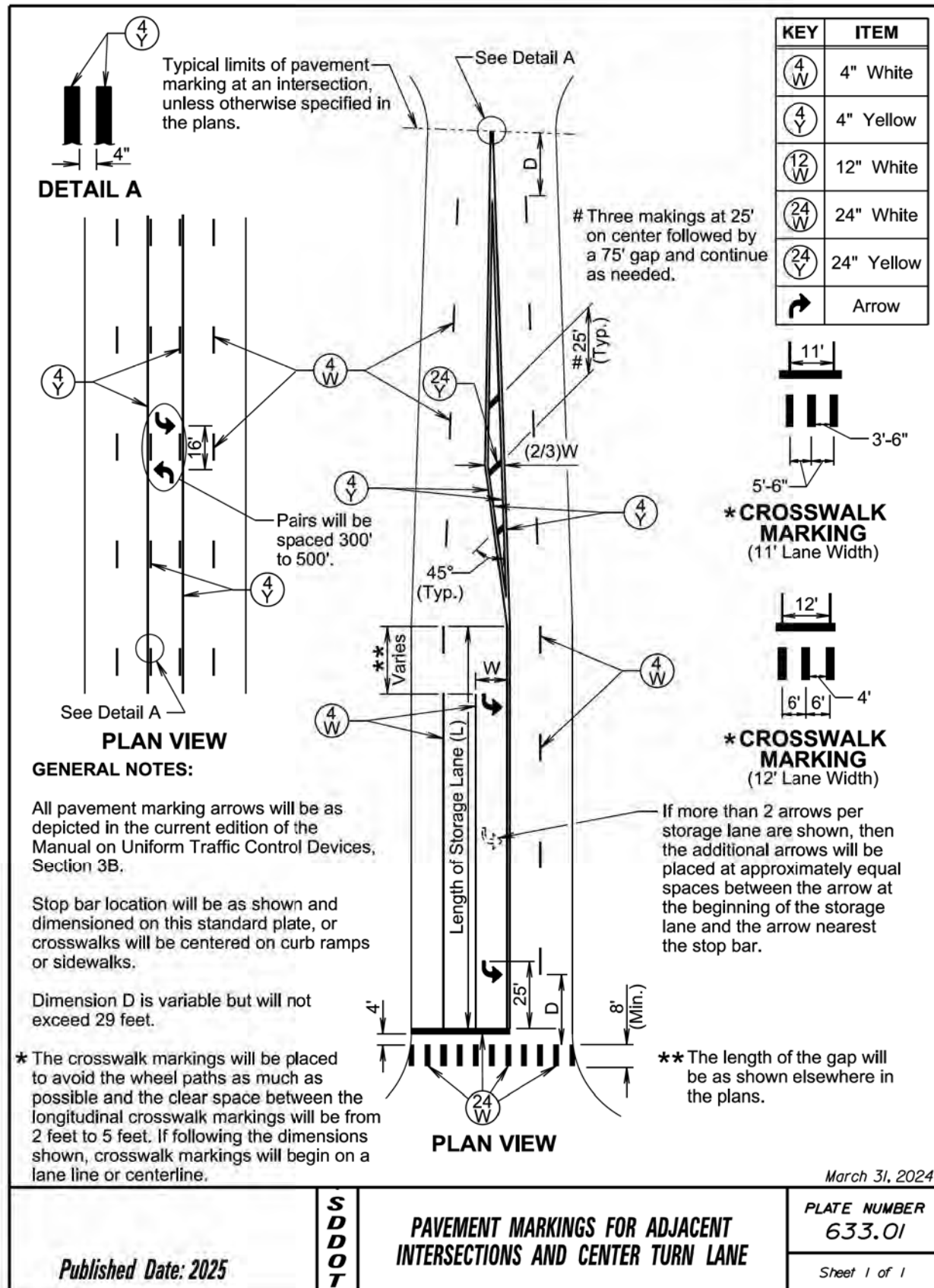
REV DATE:  
INITIAL:



Pavement Marking Legend

(4WT)	Thermoplastic Pavement Marking, 4" White
(24WT)	Thermoplastic Pavement Marking, 24" White
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(24Y)	Cold Applied Plastic Pavement Marking, 24" Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White
↗	Cold Applied Plastic Pavement Marking, Arrow
ONLY	Cold Applied Plastic Pavement Marking, Message (Grooved)



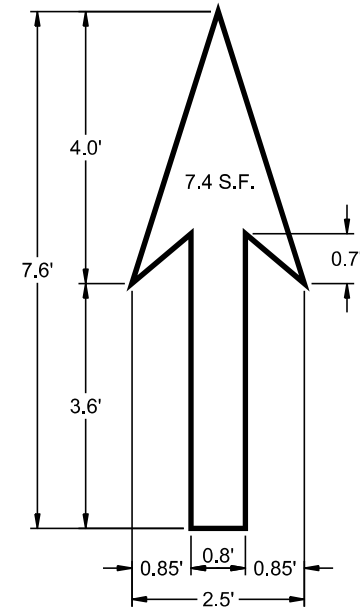


Published Date: 2025	S D D O T	PAVEMENT MARKINGS FOR ADJACENT INTERSECTIONS AND CENTER TURN LANE	PLATE NUMBER 633.01
			Sheet 1 of 1

<p>CITY OF SIOUX FALLS PUBLIC WORKS Providing a Better Quality of Life for You!</p>	Pavement Marking Arrows	Specification Reference No. 633	Plate Number 633.20

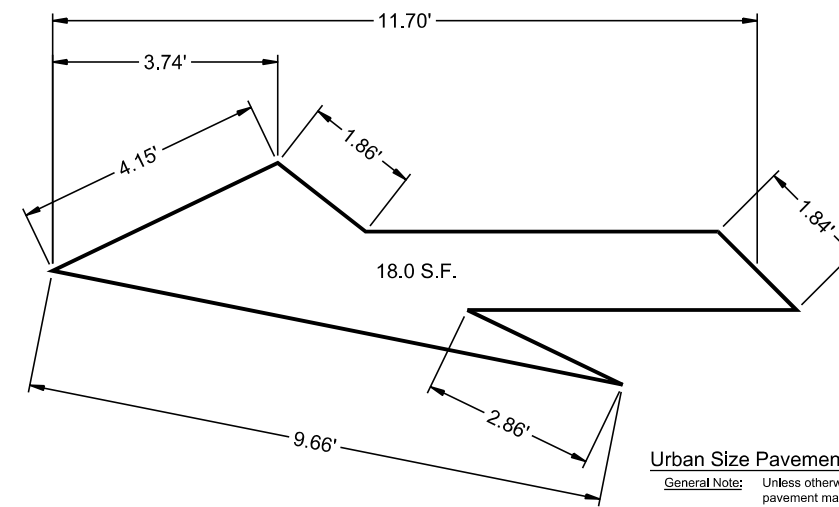
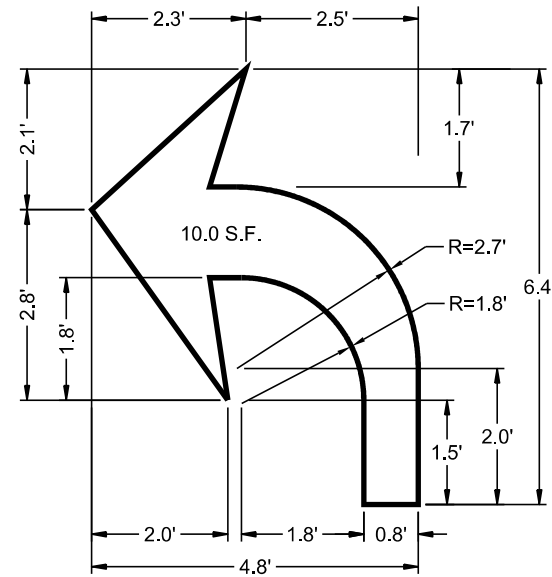
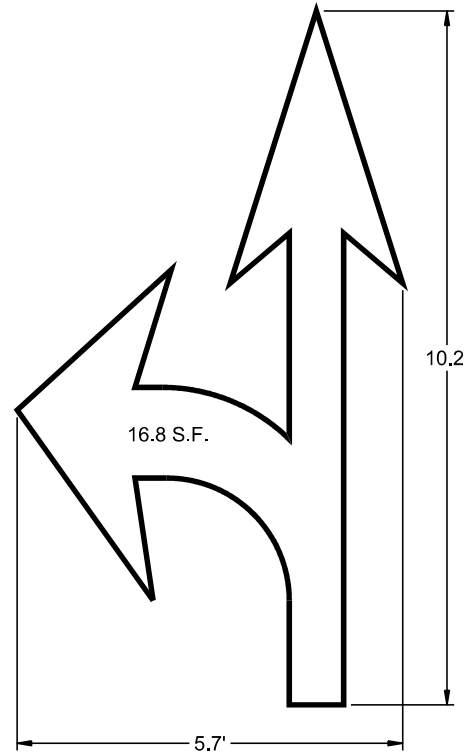






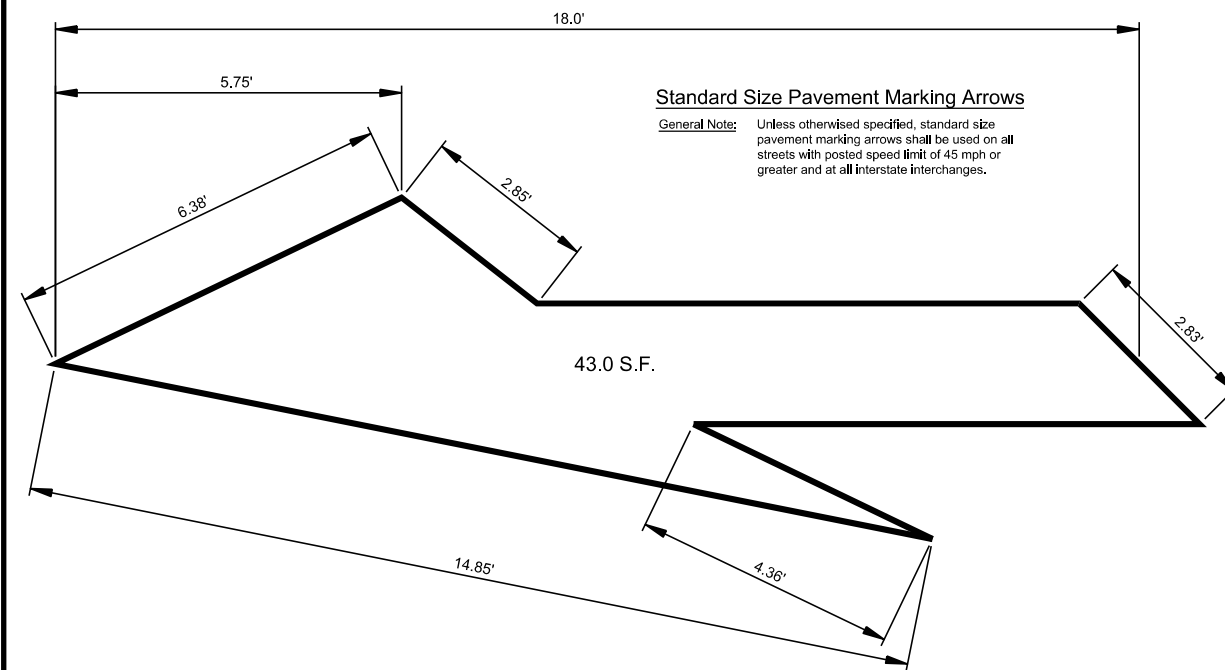
**Urban Size Pavement Marking Arrows**

**General Note:** Unless otherwise specified, urban size pavement marking arrows shall be used on all streets with posted speed limit of 40 mph or less.



**Urban Size Pavement Marking Arrows**

**General Note:** Unless otherwise specified, urban size pavement marking arrows shall be used on all streets with posted speed limit of 40 mph or less.



**Standard Size Pavement Marking Arrows**

**General Note:** Unless otherwise specified, standard size pavement marking arrows shall be used on all streets with posted speed limit of 45 mph or greater and at all interstate interchanges.

