

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M1	M25

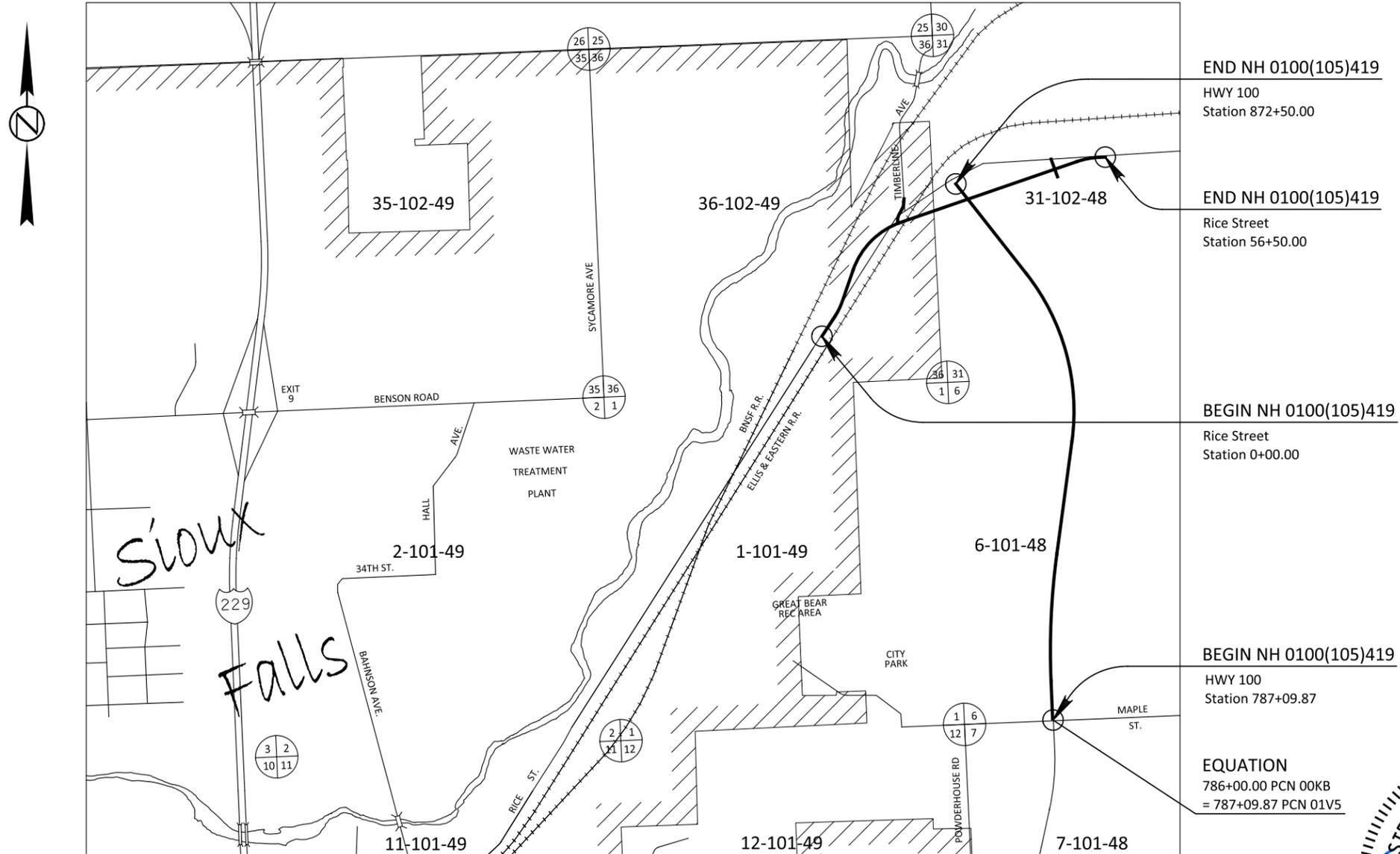
FILE: M01 Title.dgn  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:

# Section M: Pavement Marking Plans

## INDEX OF SHEETS

- M1 General Layout with Index
- M2 General Notes & Tables
- M3 TO M18 Pavement Markings - Hwy 100
- M19 TO M24 Pavement Markings - Rice Street
- M25 Standard Details



END NH 0100(105)419

HWY 100  
Station 872+50.00

END NH 0100(105)419

Rice Street  
Station 56+50.00

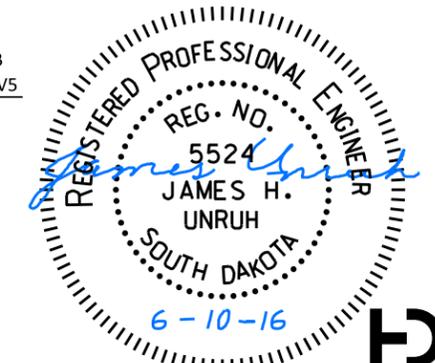
BEGIN NH 0100(105)419

Rice Street  
Station 0+00.00

BEGIN NH 0100(105)419

HWY 100  
Station 787+09.87

EQUATION  
786+00.00 PCN 00KB  
= 787+09.87 PCN 01V5



**SECTION M ESTIMATE OF QUANTITIES**

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M2	M25

Plotting Date: 6/10/2016

Section M - Pavement Marking			
BID ITEM NUMBER	ITEM	QUANTITY	UNIT
633E0010	Cold Applied Plastic Pavement Marking, 4"	17,339	Ft
633E0021	Cold Applied Plastic Pavement Marking (Contrast), 8"	3,830	Ft
633E0055	Cold Applied Plastic Pavement Marking, Railroad Crossing	2	Each
633E1400	Pavement Marking Paint, 4" White	15,322	Ft
633E1405	Pavement Marking Paint, 4" Yellow	13,790	Ft
633E1430	Pavement Marking Paint, 24" White	1,321	Ft
633E1435	Pavement Marking Paint, 24" Yellow	911	Ft
633E1440	Pavement Marking Paint, Area	100	SqFt
633E1445	Pavement Marking Paint, Arrow	19	Each
633E1460	Pavement Marking Paint, Symbol	16	Each
633E5000	Grooving for Cold Applied Plastic Pavement Marking, 4"	17,339	Ft
633E5005	Grooving for Cold Applied Plastic Pavement Marking, 8"	3,830	Ft
633E5040	Grooving for Cold Applied Plastic Pavement Marking, Railroad Crossing	2	Each

**PAVEMENT MARKING-PAINT**

Glass beads shall be applied at the rate of 6 lbs. /gal of paint.

The approximate paint rates shall be as follows:

- 4"..... 16.9 Gal/Mile

TABLE OF PAVEMENT MARKINGS											
Location	PAINT								COLD APPLIED & GROOVED		
	4" Paint		24" Paint		Area (SqFt)	Arrow (Each)	Bicycle Symbol (Each)	RR Xing (Each)	8" Contrast	4"	
	W (Ft)	Y (Ft)	W (Ft)	Y (Ft)					W (Skips) (Ft)	W (Ft)	Y (Ft)
South End to Rice St.	2,631	232	870	36	100	12	0	0	3,830	17,339	0
Rice St. (0+00 to Hwy 100)	7,429	7,986	117	655	0	3	9	2	0	0	0
Rice St. (Hwy 100 to 59+50)	5,262	5,572	334	220	0	4	7	0	0	0	0
Totals:	15,322	13,790	1,321	911	100	19	16	2	3,830	17,339	0
											17,339



FOR BIDDING PURPOSES ONLY

# Pavement Marking Plan - Hwy 100

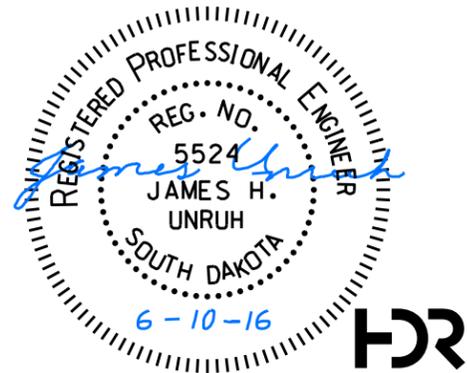
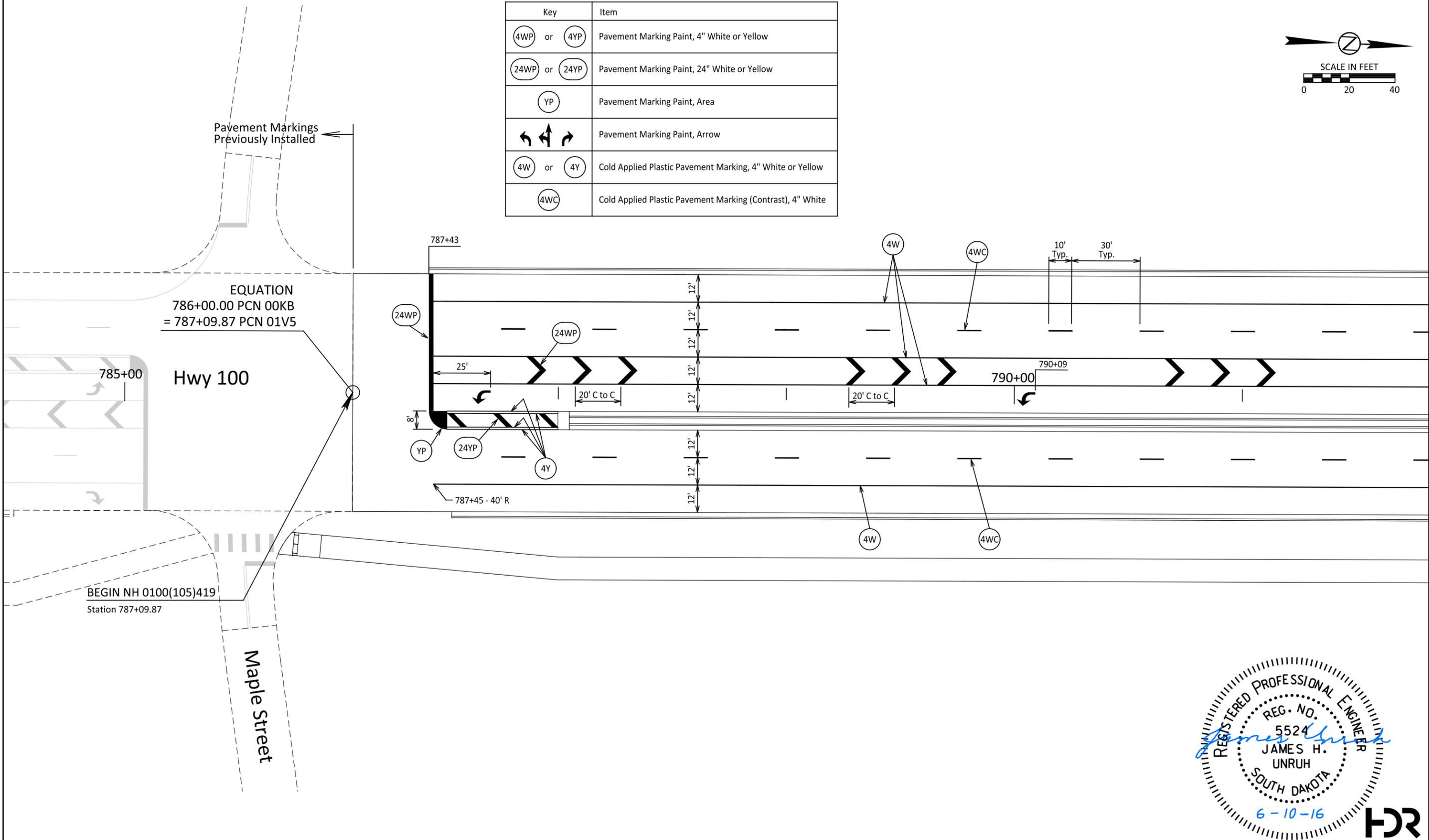
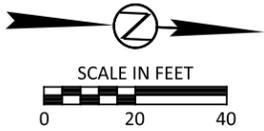
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M3	M25

FILE: M03  
PLOTTING DATE: 06-09-2016

REV DATE:  
INITIAL:

### Pavement Marking Legend

Key	Item
(4WP) or (4YP)	Pavement Marking Paint, 4" White or Yellow
(24WP) or (24YP)	Pavement Marking Paint, 24" White or Yellow
(YP)	Pavement Marking Paint, Area
↩ ↪ ↴ ↵	Pavement Marking Paint, Arrow
(4W) or (4Y)	Cold Applied Plastic Pavement Marking, 4" White or Yellow
(4WC)	Cold Applied Plastic Pavement Marking (Contrast), 4" White



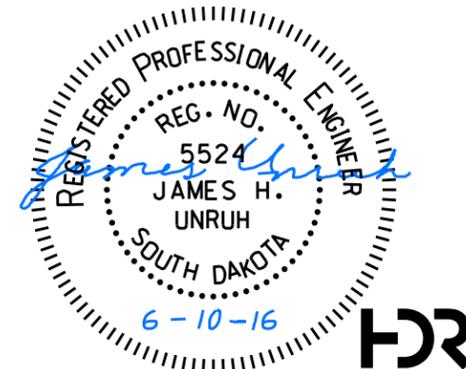
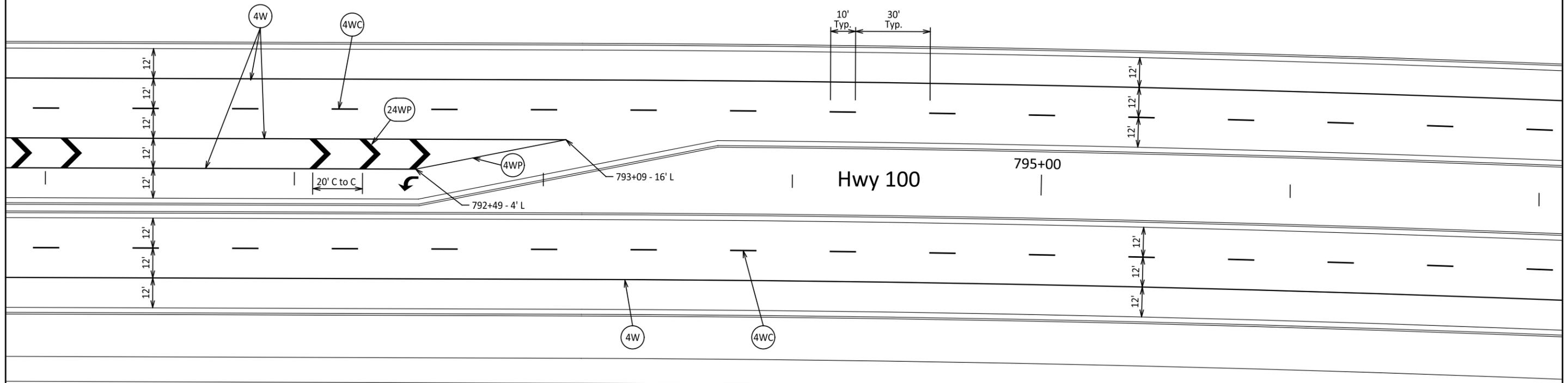
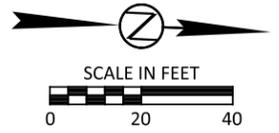
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FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M4	M25

FILE: M04  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



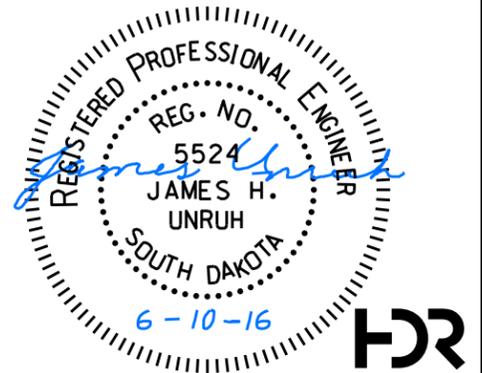
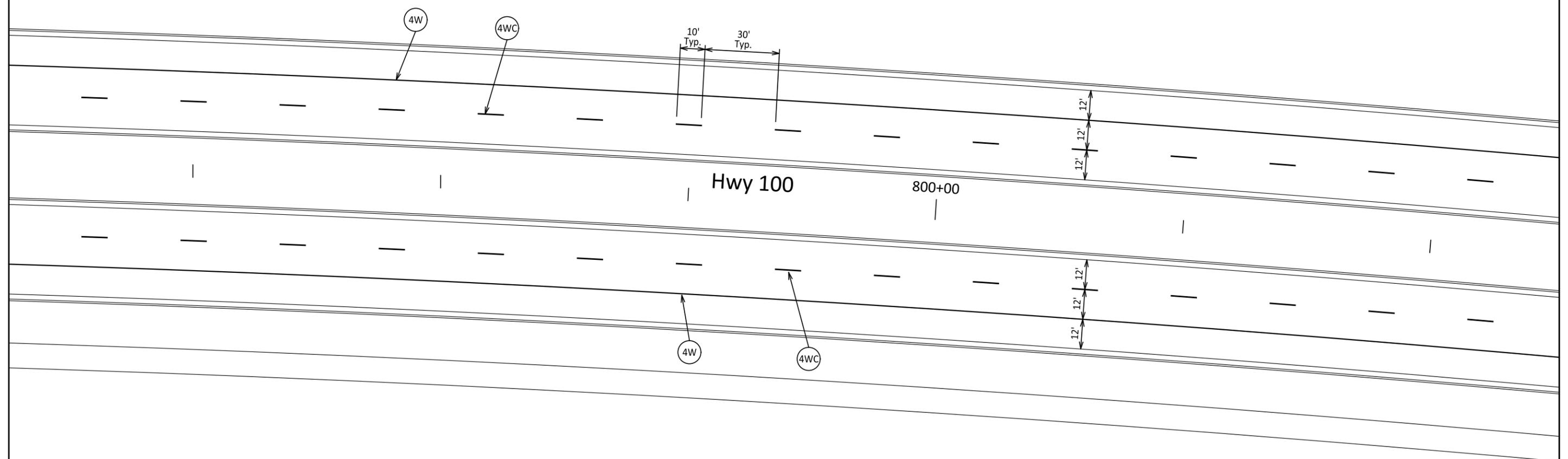
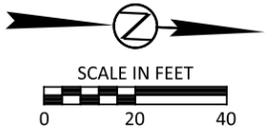
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FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M5	M25

FILE: M05  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



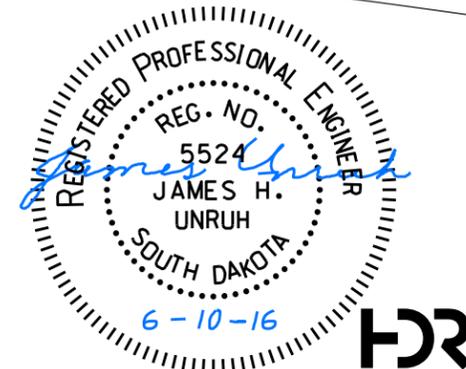
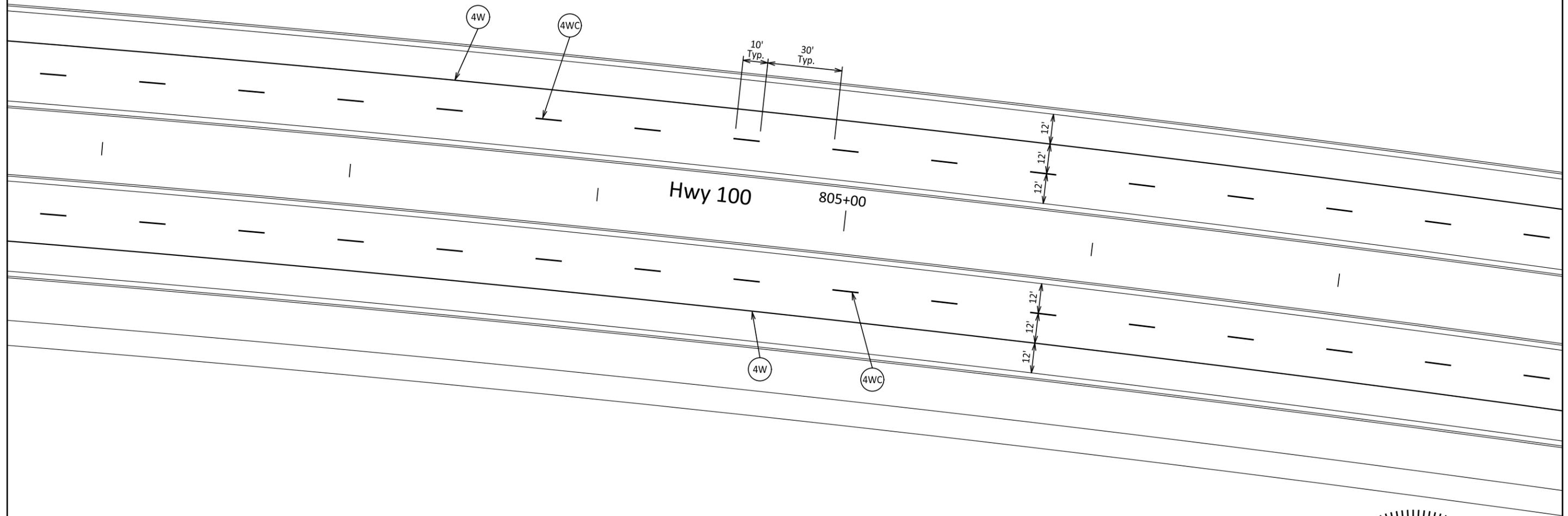
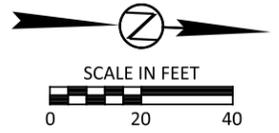
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FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M6	M25

FILE: M06  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



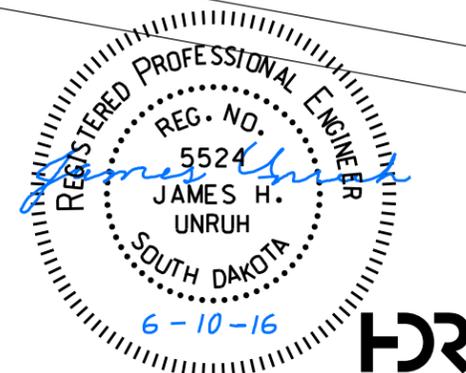
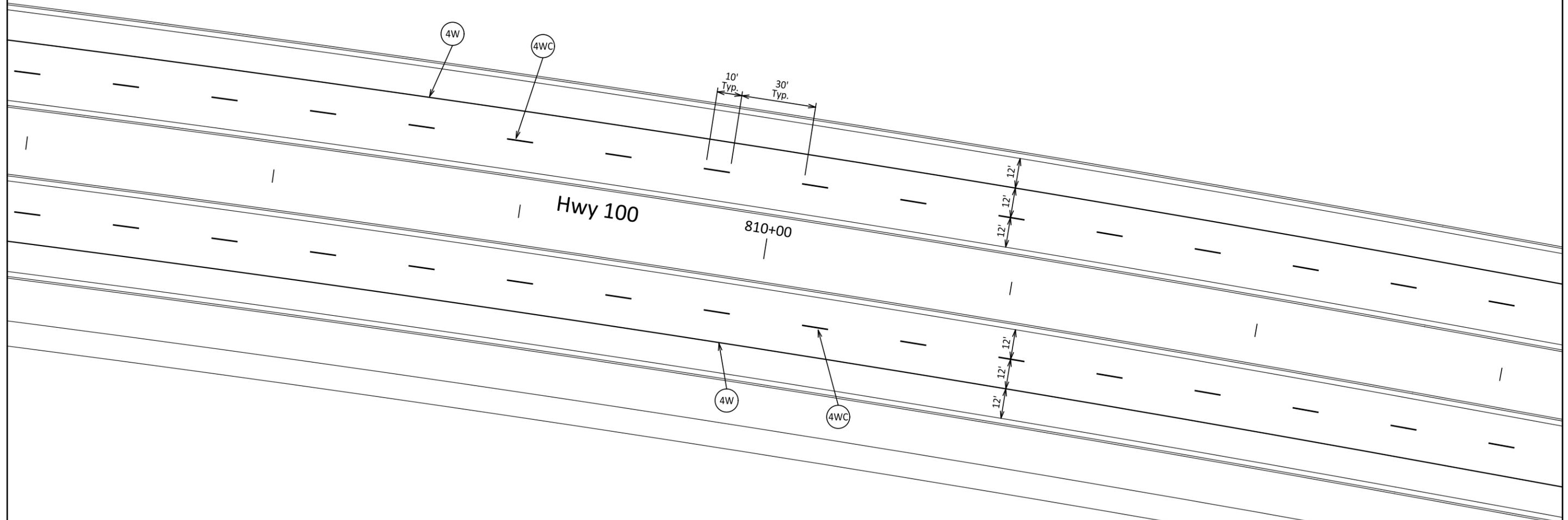
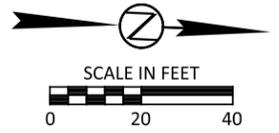
# Pavement Marking Plan - Hwy 100

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M7	M25

FILE: M07  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



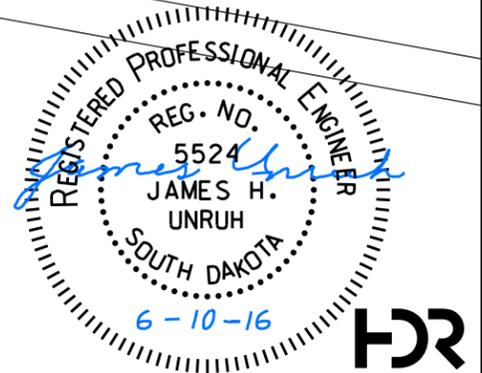
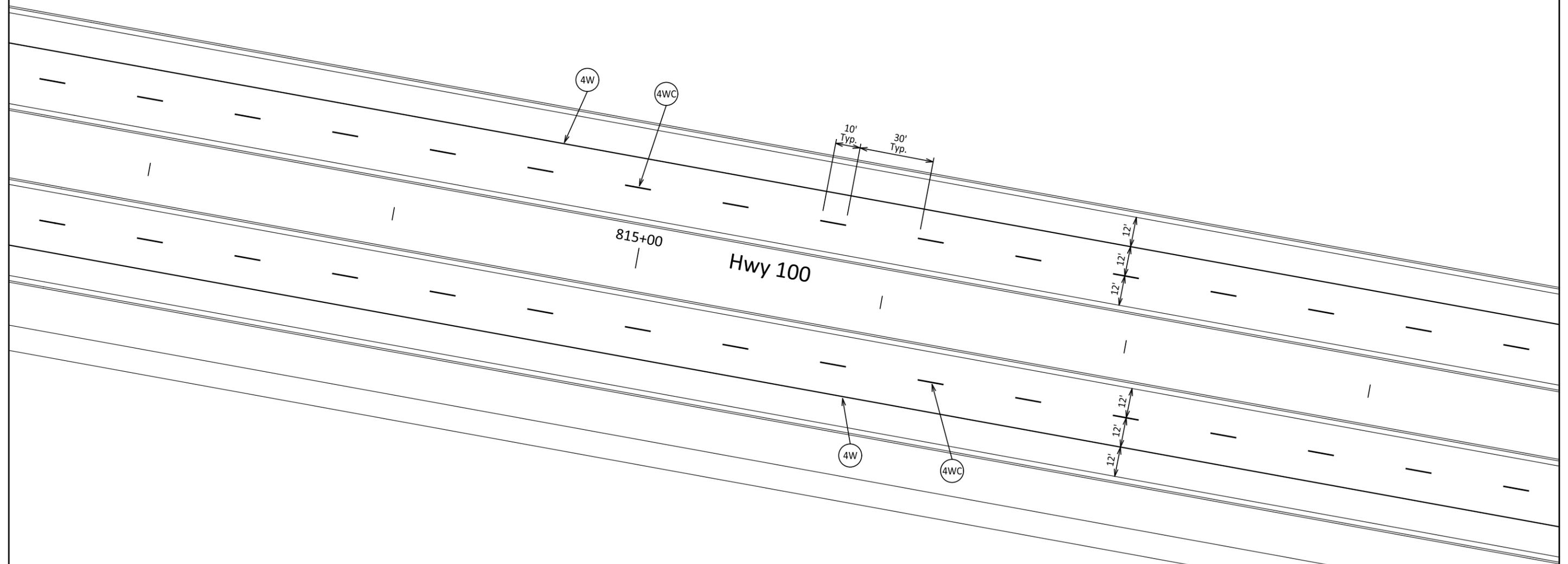
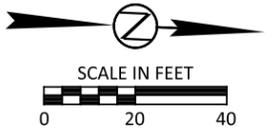
# Pavement Marking Plan - Hwy 100

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M8	M25

FILE: M08  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



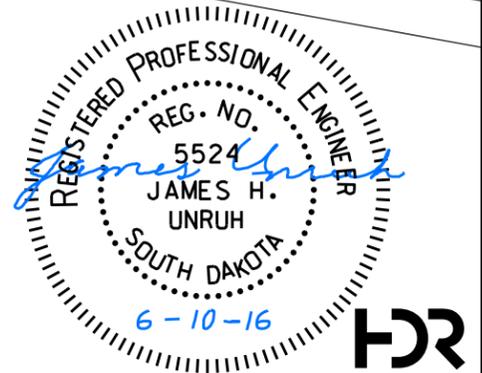
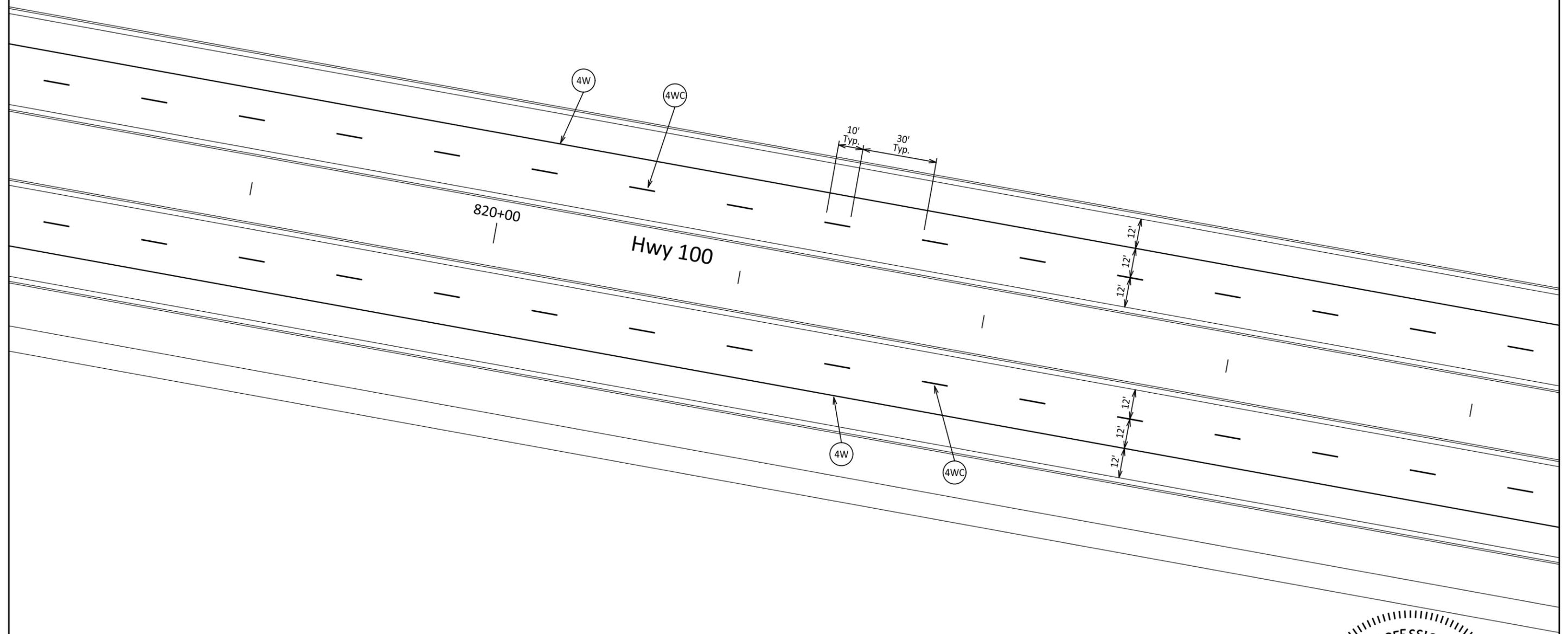
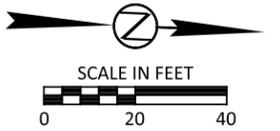
# Pavement Marking Plan - Hwy 100

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M9	M25

FILE: M09  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



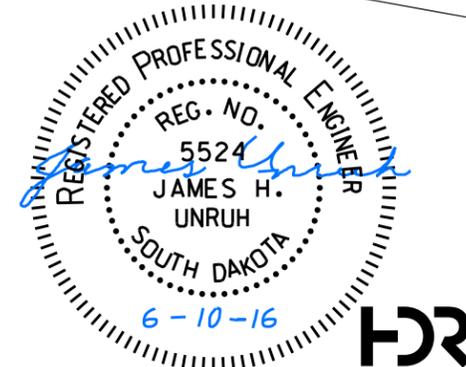
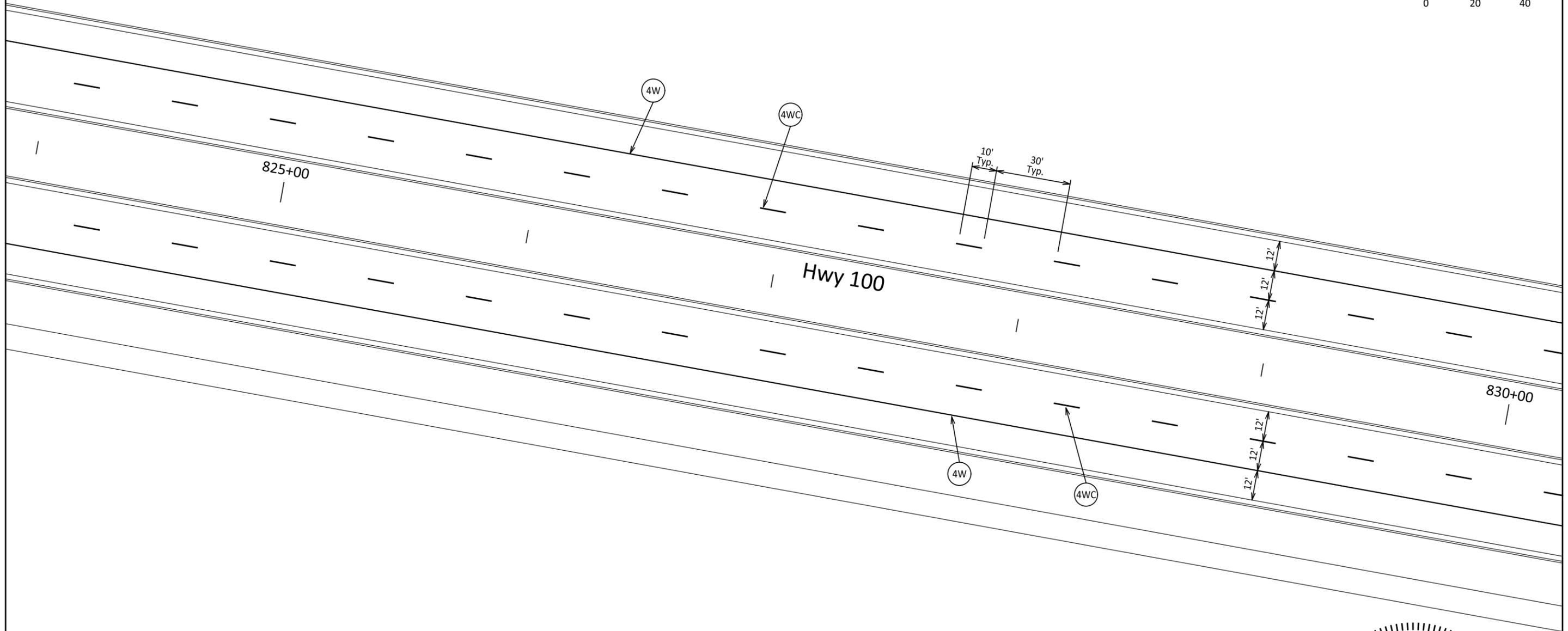
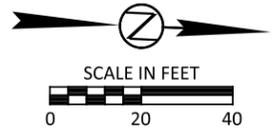
# Pavement Marking Plan - Hwy 100

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M10	M25

FILE: M10  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



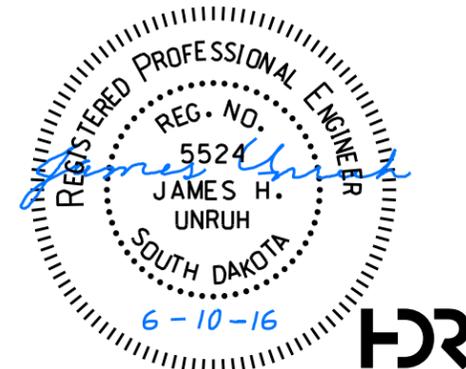
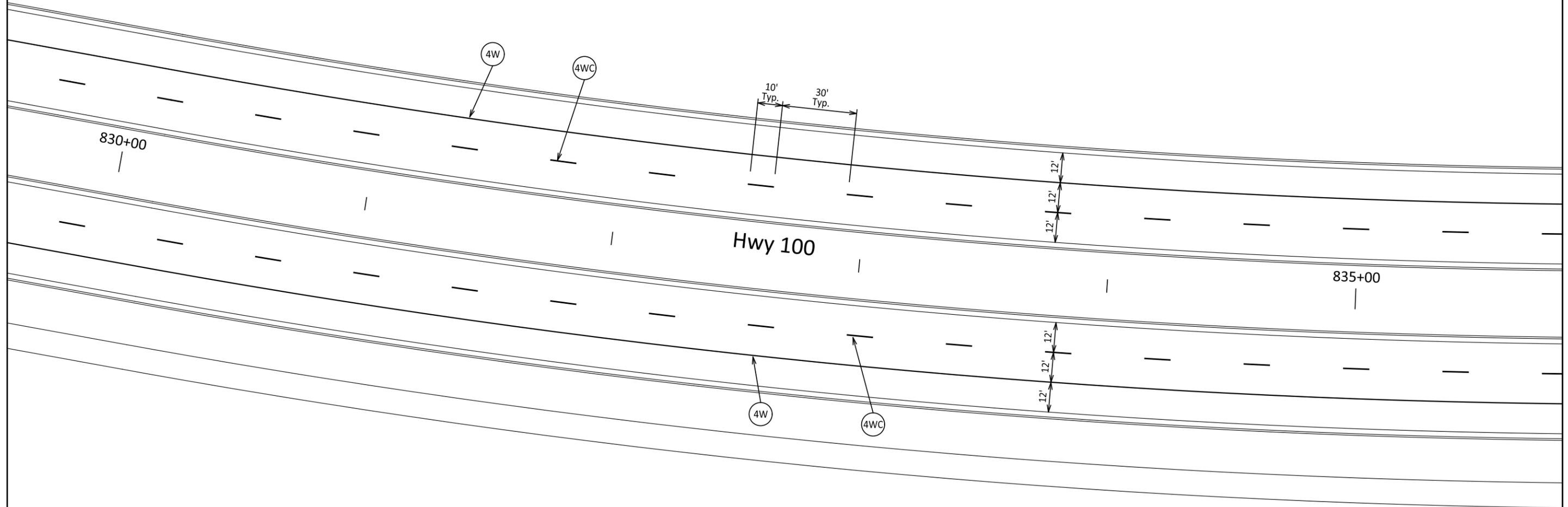
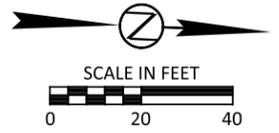
# Pavement Marking Plan - Hwy 100

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M11	M25

FILE: M11  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



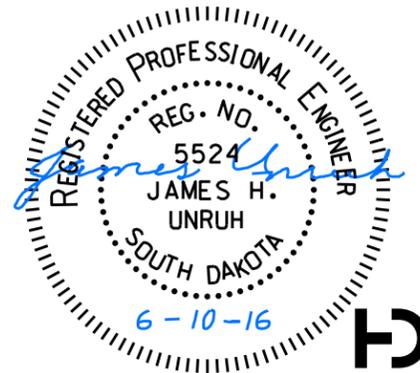
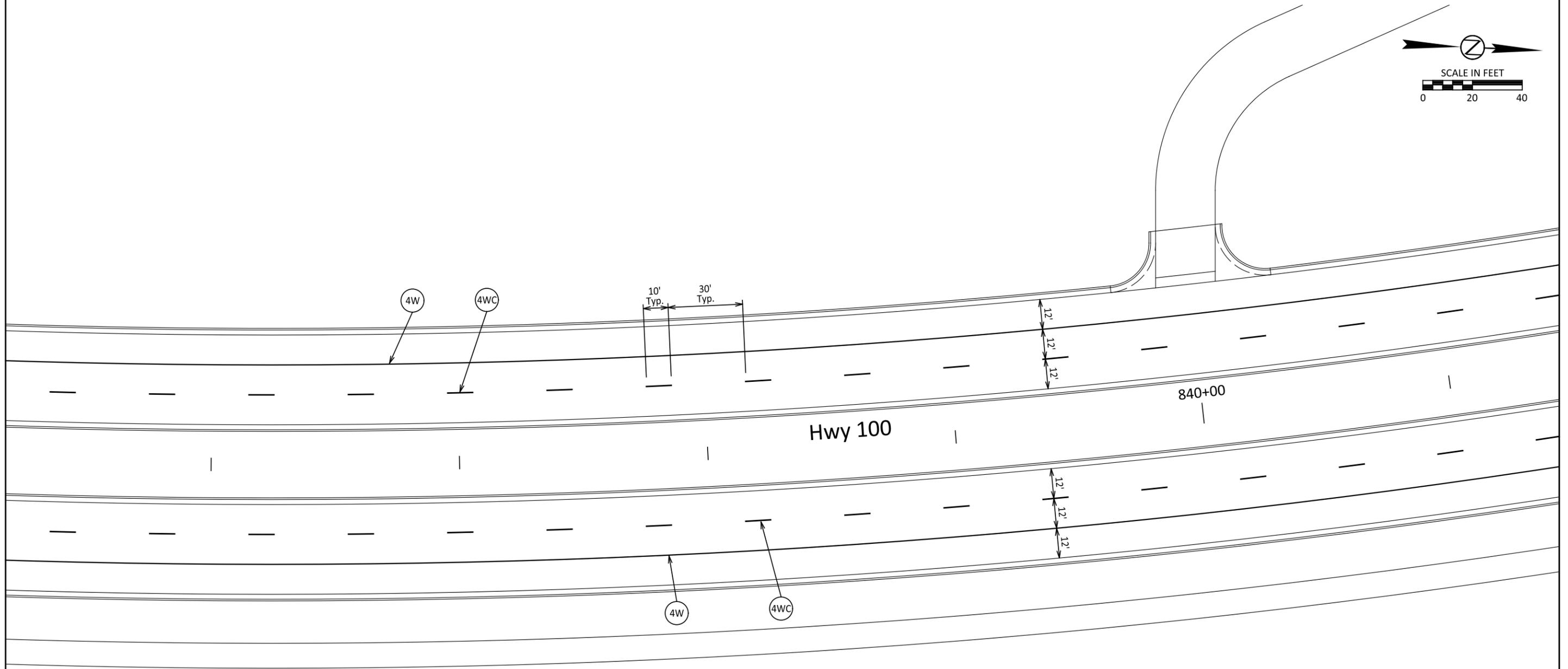
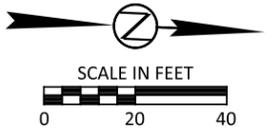
# Pavement Marking Plan - Hwy 100

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M12	M25

FILE: M12  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



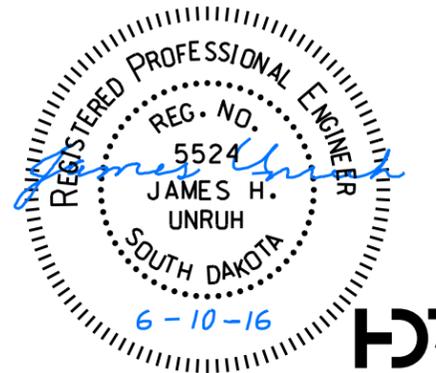
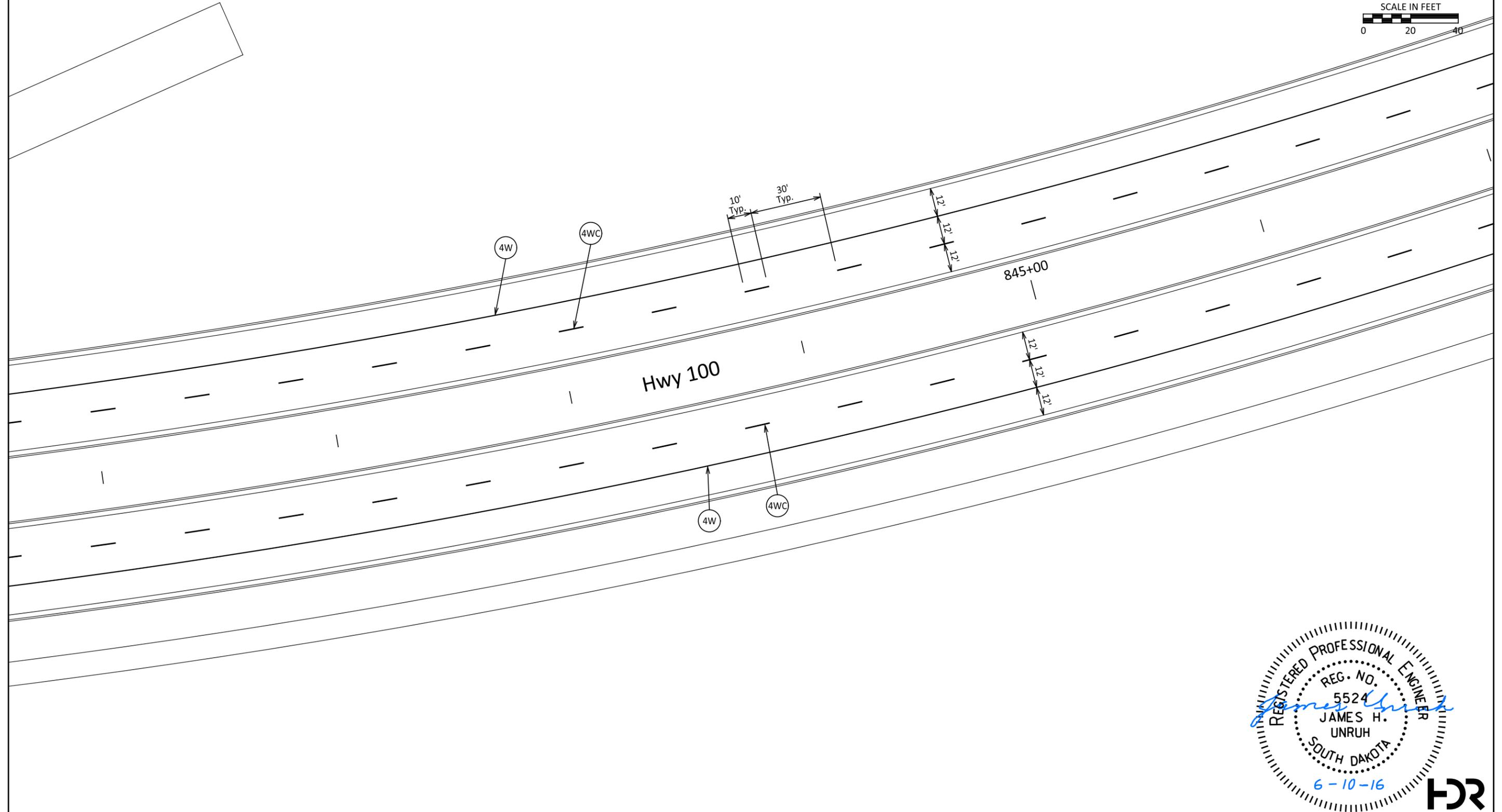
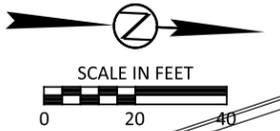
# Pavement Marking Plan - Hwy 100

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M13	M25

FILE: M13  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



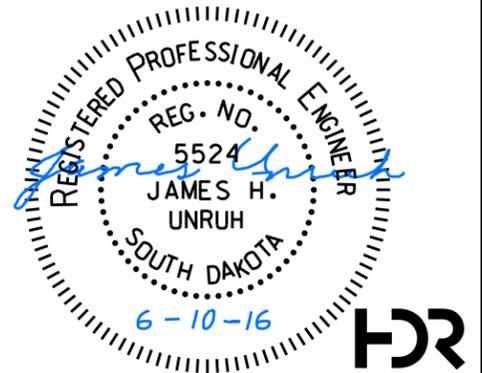
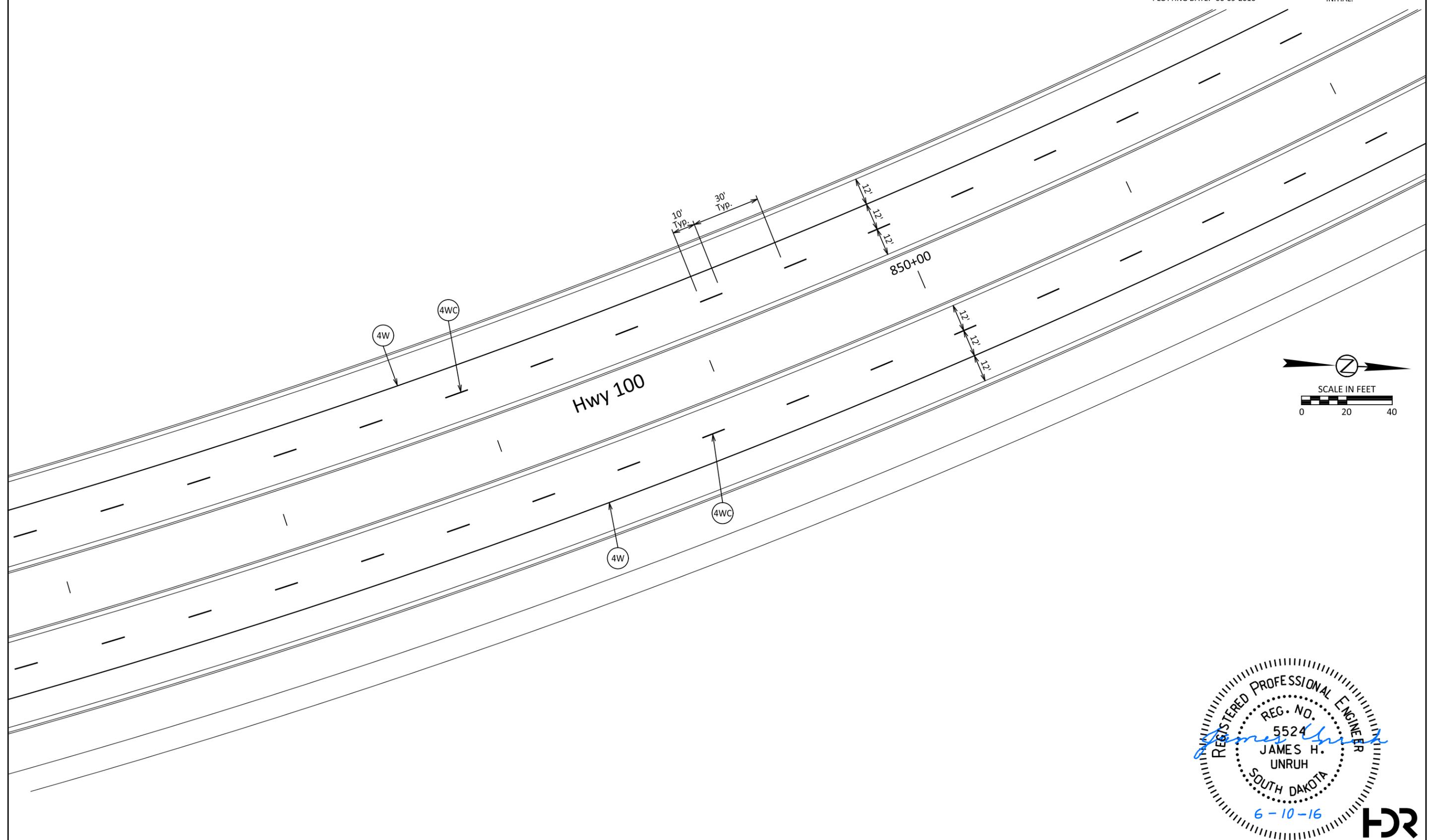
# Pavement Marking Plan - Hwy 100

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M14	M25

FILE: M14  
PLOTTING DATE: 06-09-2016

REV DATE:  
INITIAL:



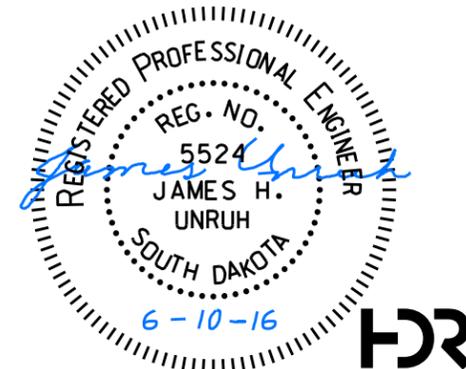
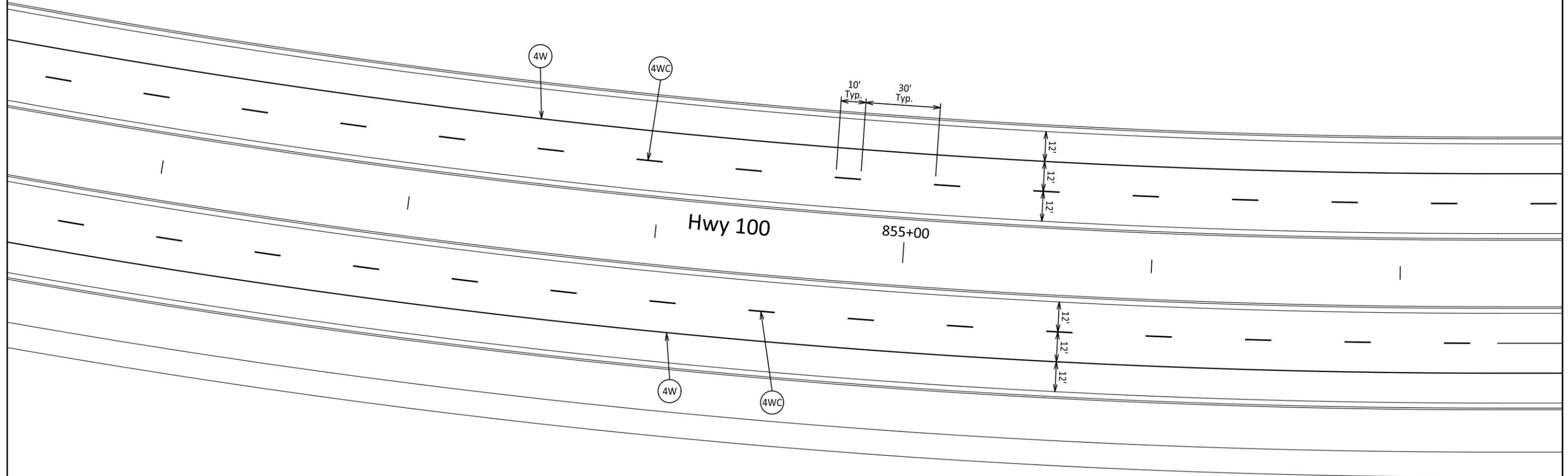
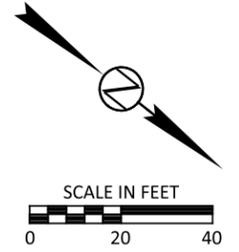
# Pavement Marking Plan - Hwy 100

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M15	M25

FILE: M15  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



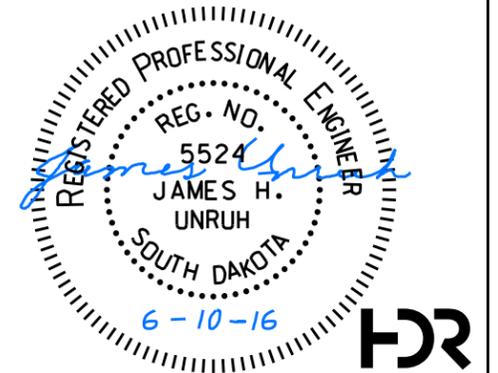
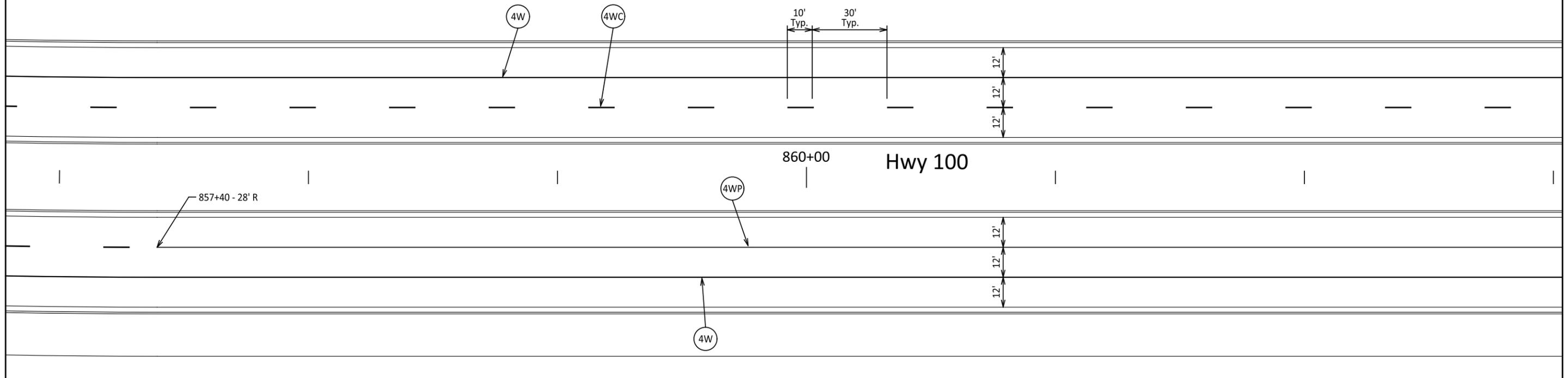
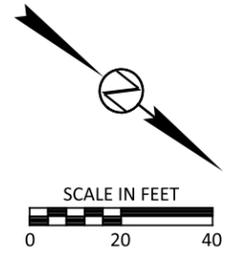
# Pavement Marking Plan - Hwy 100

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M16	M25

FILE: M16  
PLOTTING DATE: 06-09-2016

REV DATE:  
INITIAL:



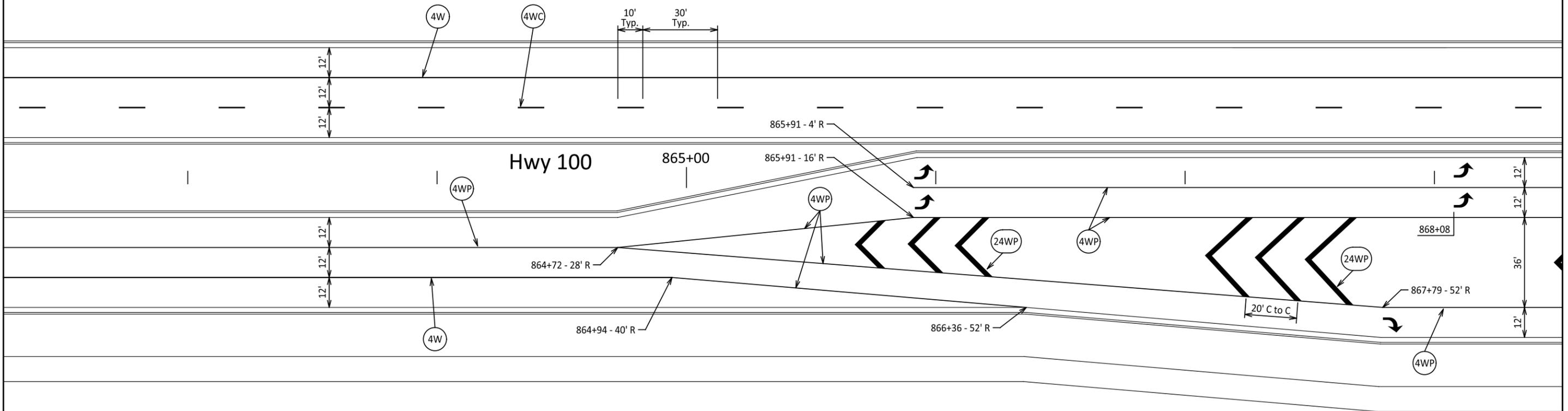
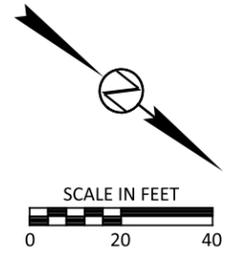
# Pavement Marking Plan - Hwy 100

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M17	M25

FILE: M17  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



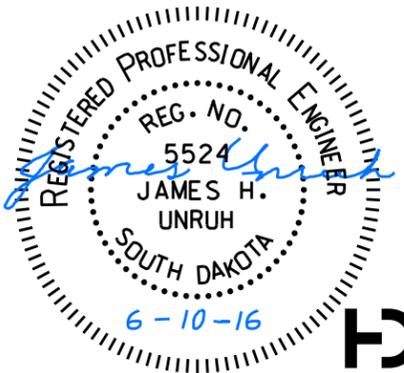
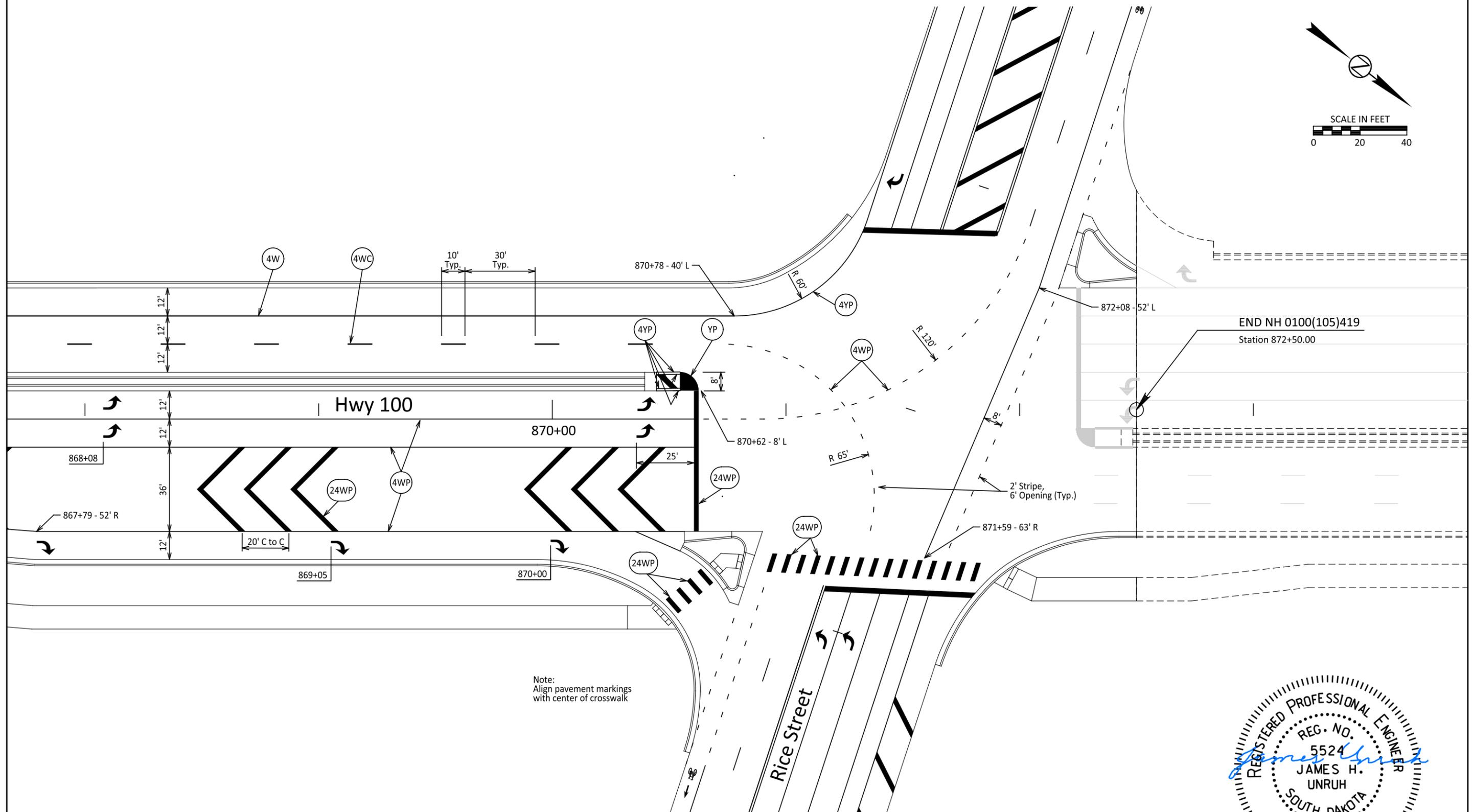
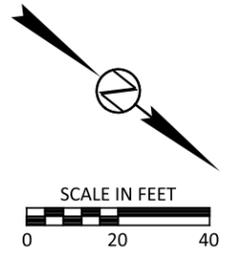
# Pavement Marking Plan - Hwy 100

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M18	M25

FILE: M18  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



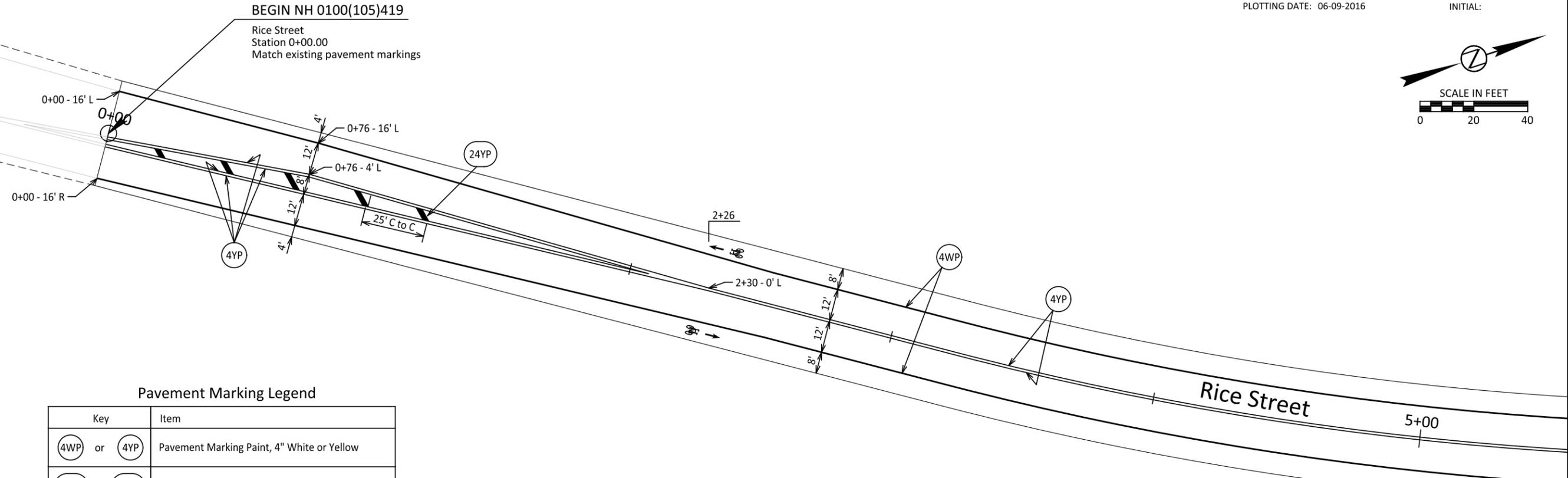
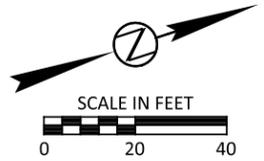
# Pavement Marking Plan - Rice Street

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M19	M25

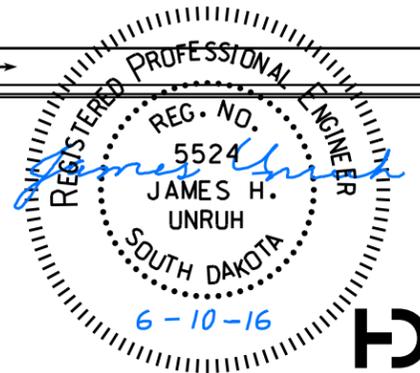
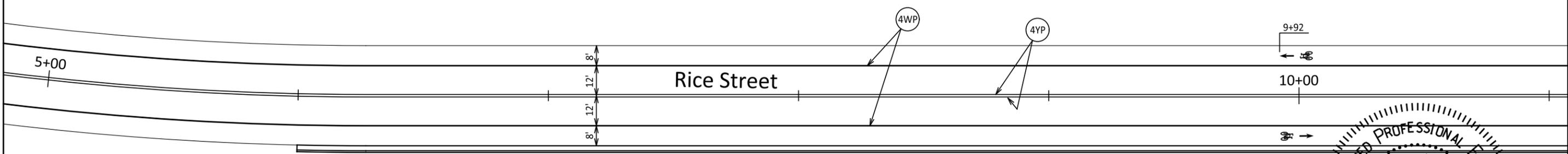
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PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



Pavement Marking Legend

Key	Item
⊙4WP or ⊙4YP	Pavement Marking Paint, 4" White or Yellow
⊙24WP or ⊙24YP	Pavement Marking Paint, 24" White or Yellow
⊙YP	Pavement Marking Paint, Area
↔↔↔	Pavement Marking Paint, Arrow
↕ ↕ ↕	Pavement Marking Paint, Bicycle Lane Symbol



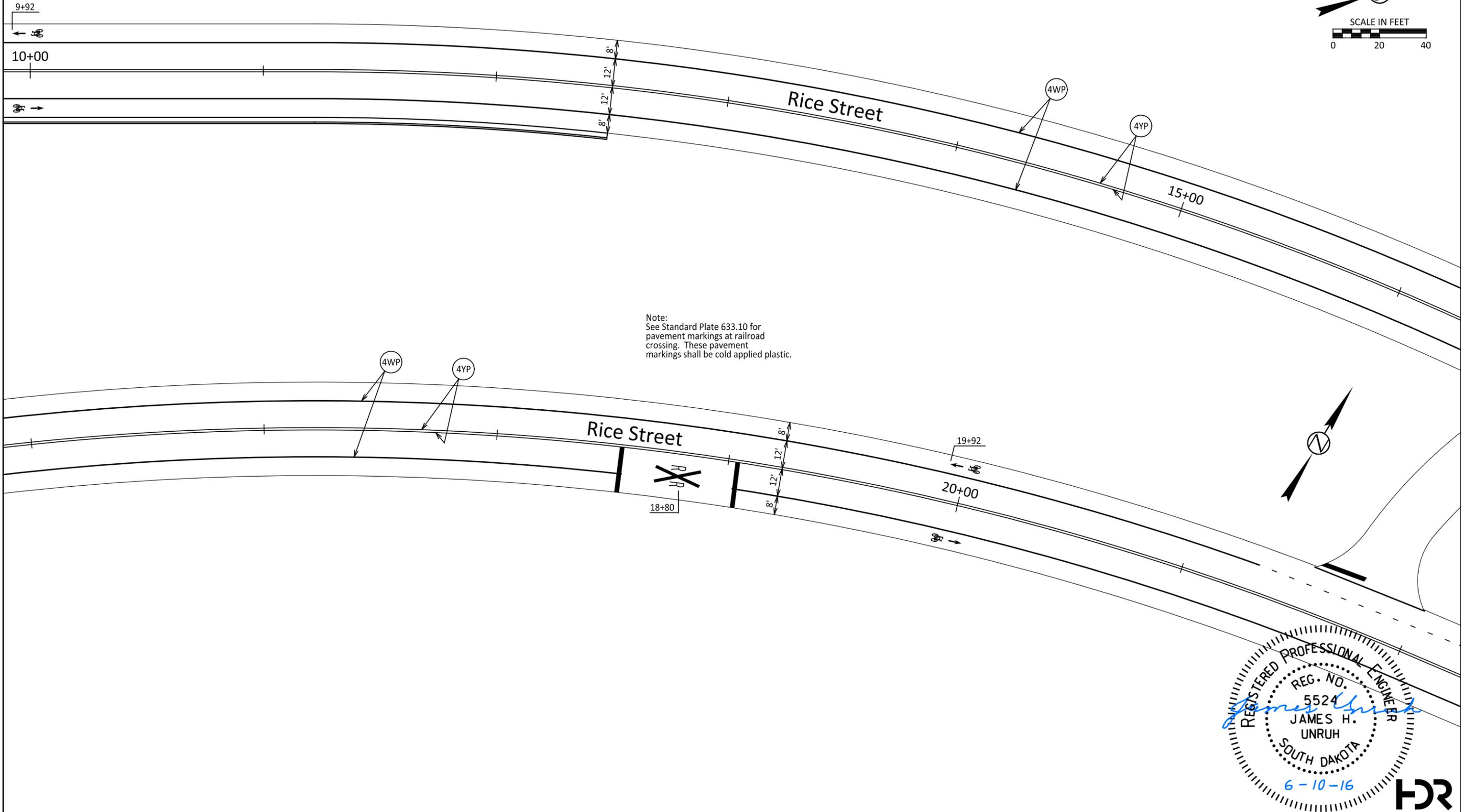
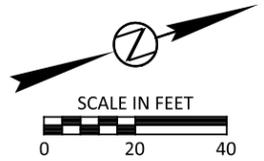
# Pavement Marking Plan - Rice Street

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M20	M25

FILE: M20 (Rice).dgn  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:



Note:  
See Standard Plate 633.10 for  
pavement markings at railroad  
crossing. These pavement  
markings shall be cold applied plastic.

REGISTERED PROFESSIONAL ENGINEER  
REG. NO. 5524  
JAMES H. UNRUH  
SOUTH DAKOTA  
6-10-16



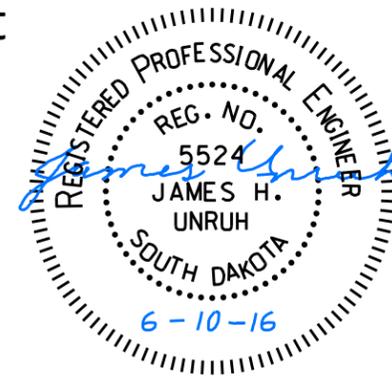
# Pavement Marking Plan - Rice Street

FOR BIDDING PURPOSES ONLY

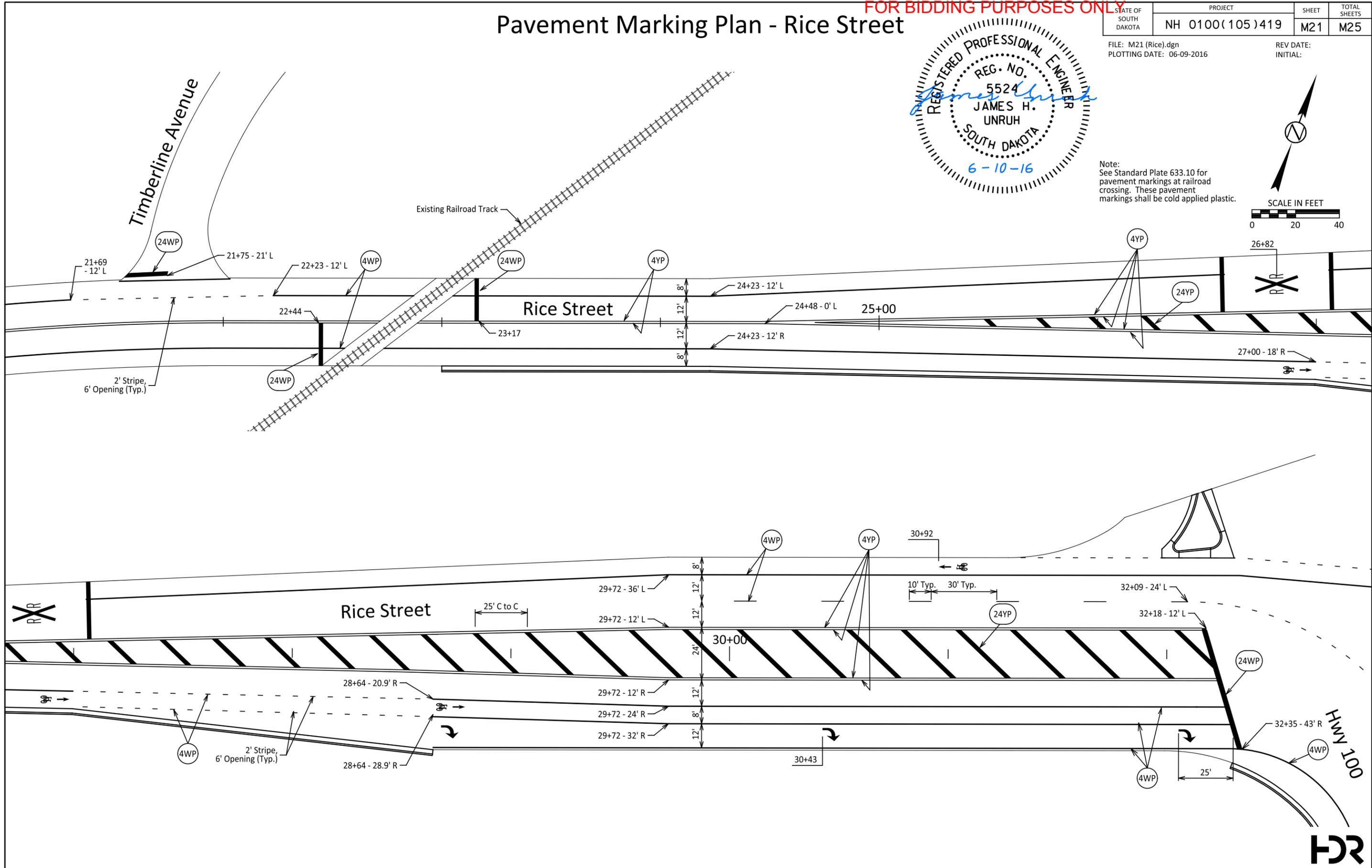
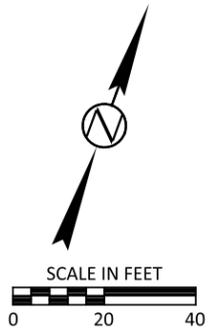
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M21	M25

FILE: M21 (Rice).dgn  
PLOTTING DATE: 06-09-2016

REV DATE:  
INITIAL:



Note:  
See Standard Plate 633.10 for pavement markings at railroad crossing. These pavement markings shall be cold applied plastic.



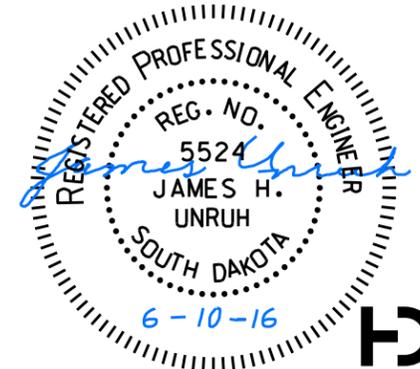
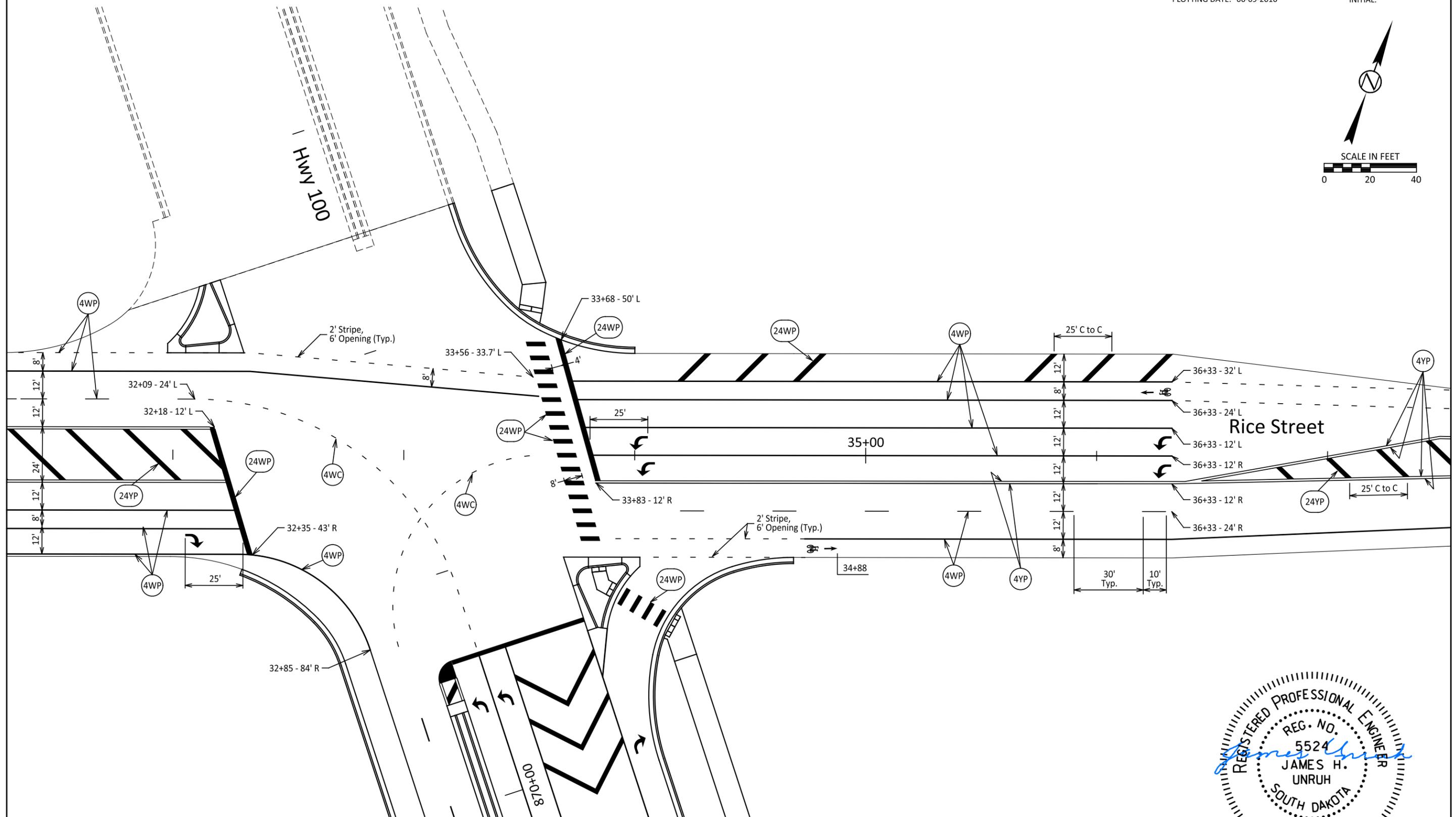
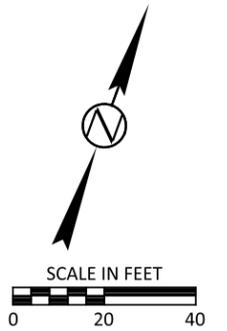
# Pavement Marking Plan - Rice Street

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M22	M25

FILE: M22 (Rice).dgn  
PLOT DATE: 06-09-2016

REV DATE:  
INITIAL:



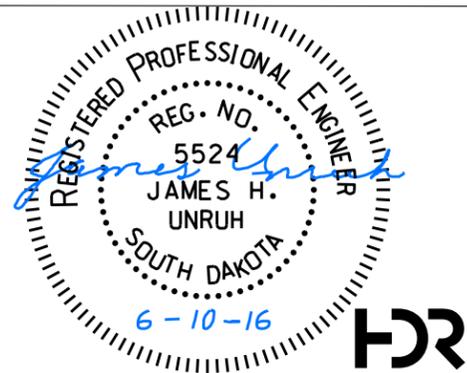
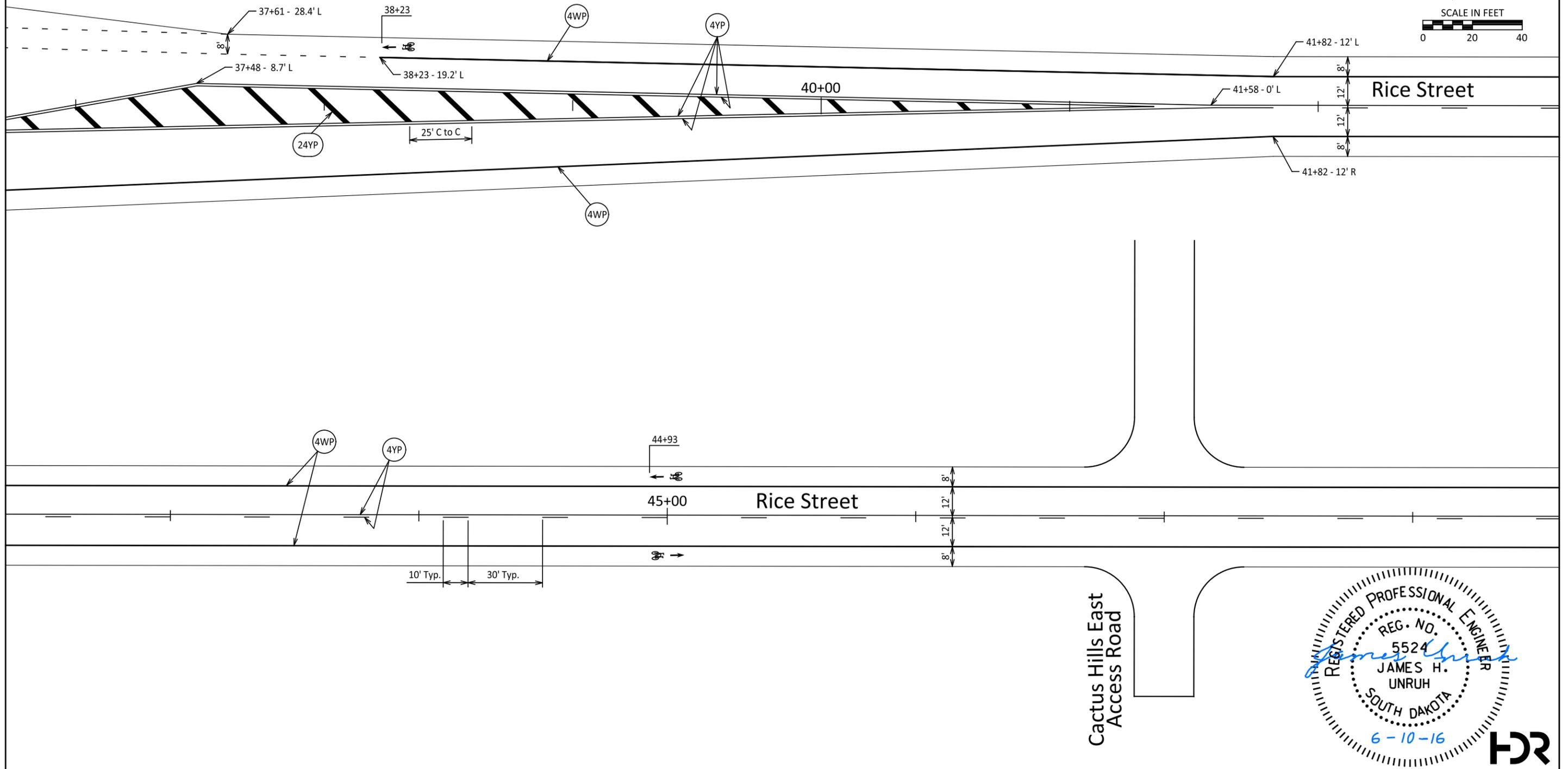
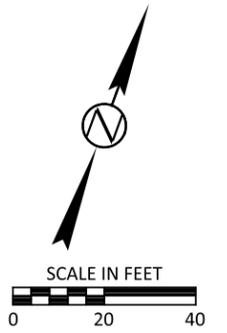
# Pavement Marking Plan - Rice Street

FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M23	M25

FILE: M23 (Rice).dgn  
PLOTTING DATE: 06-09-2016

REV DATE:  
INITIAL:



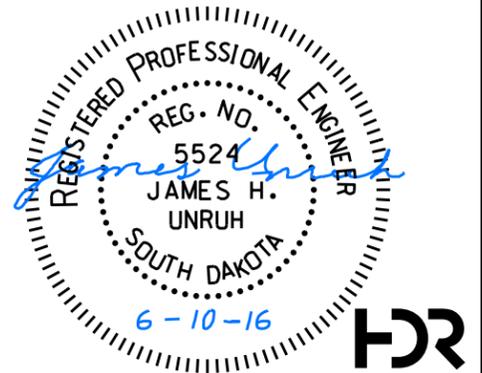
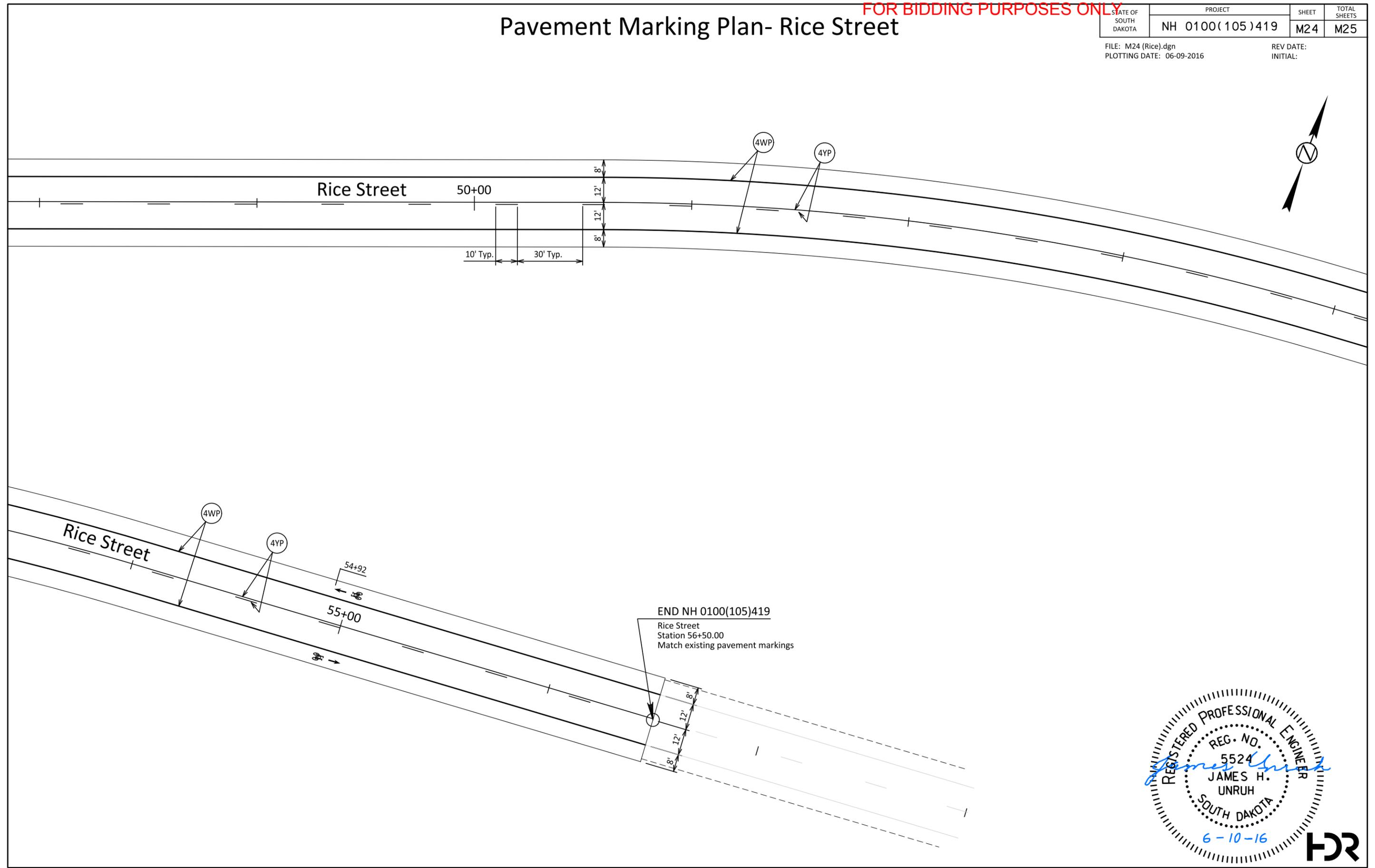
# Pavement Marking Plan- Rice Street

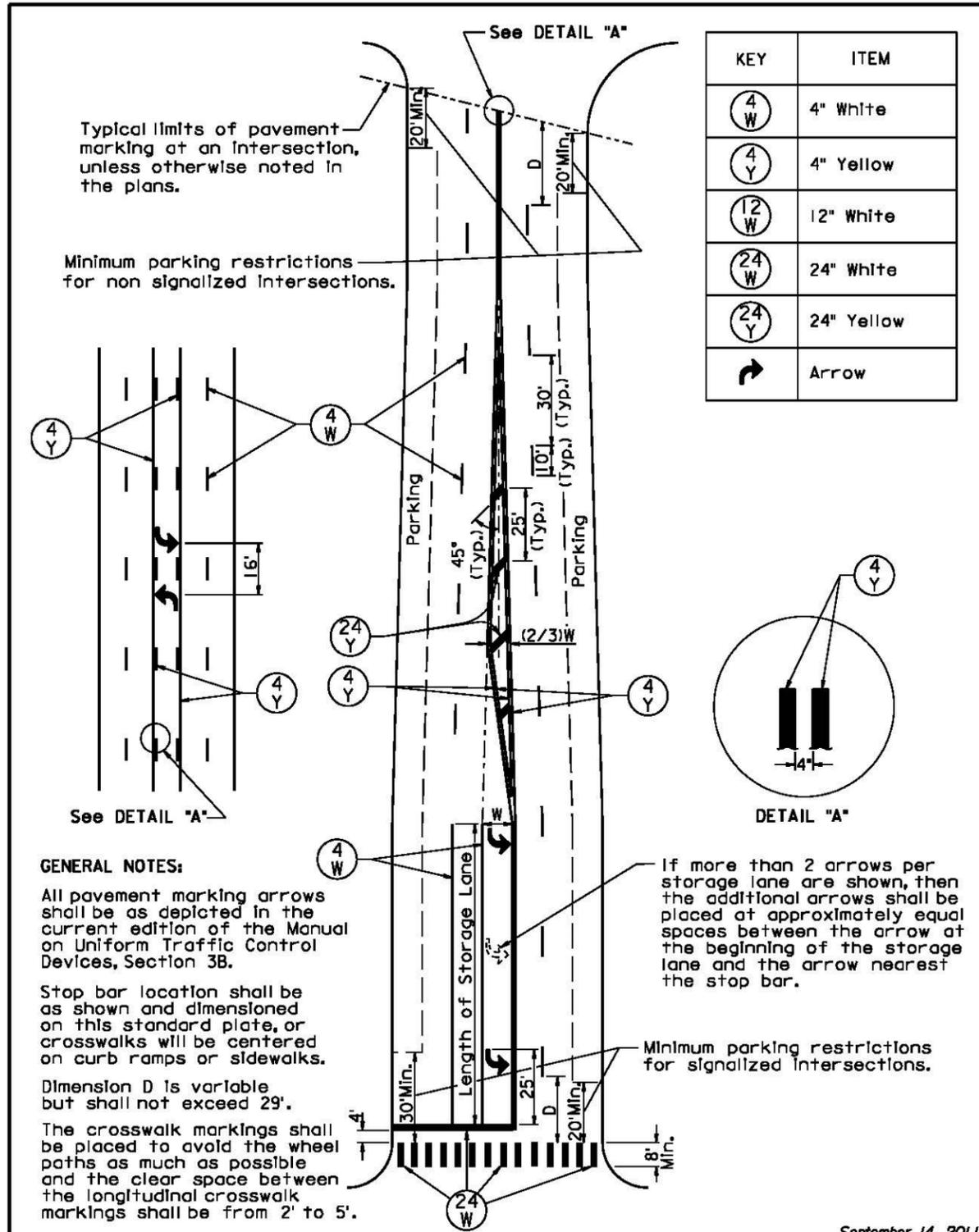
FOR BIDDING PURPOSES ONLY

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	NH 0100(105)419	M24	M25

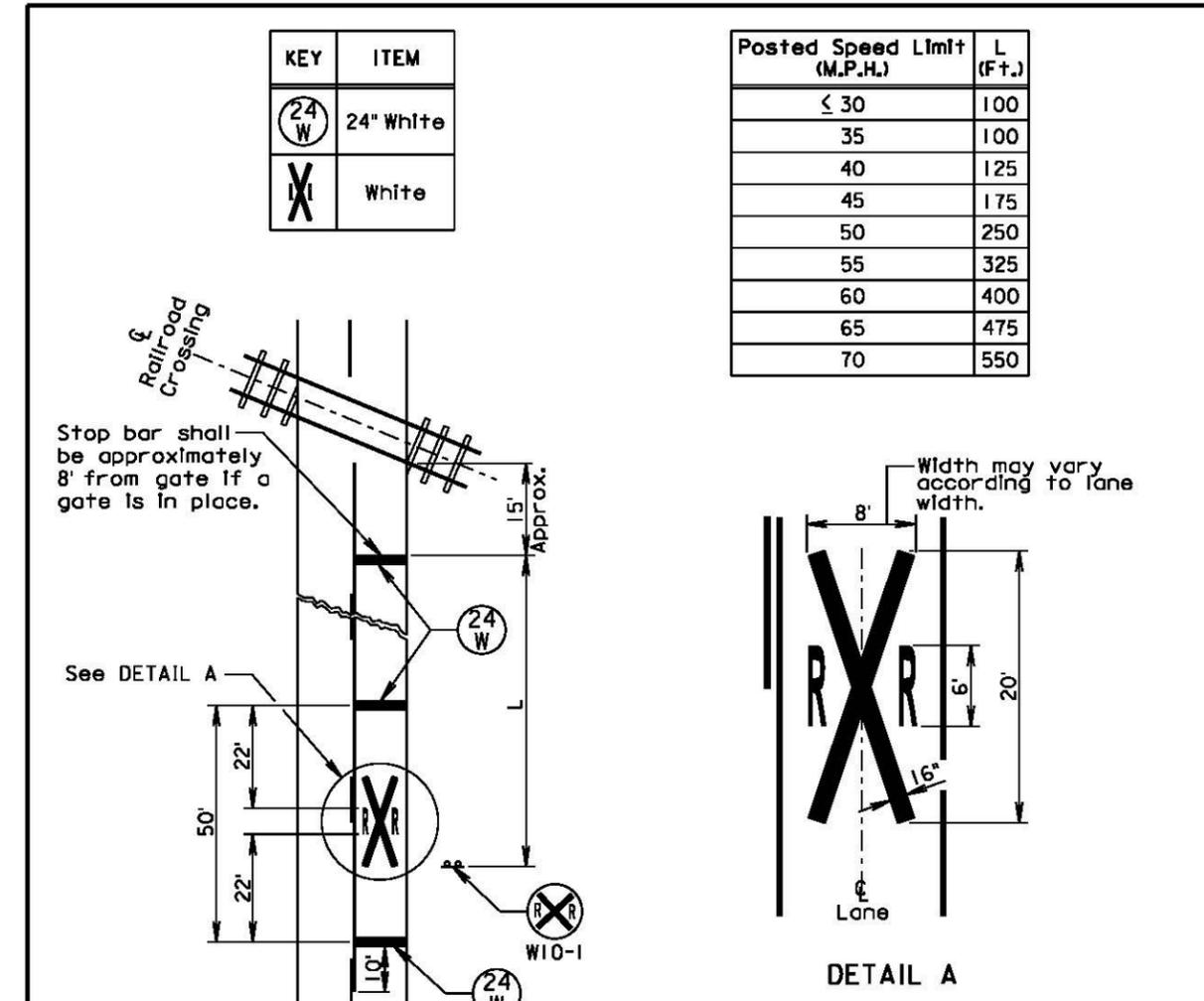
FILE: M24 (Rice).dgn  
PLOTING DATE: 06-09-2016

REV DATE:  
INITIAL:





September 14, 2011



June 26, 2013