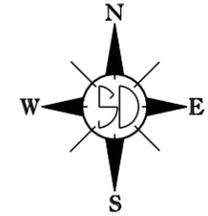


SECTION M: PAVEMENT MARKING PLANS

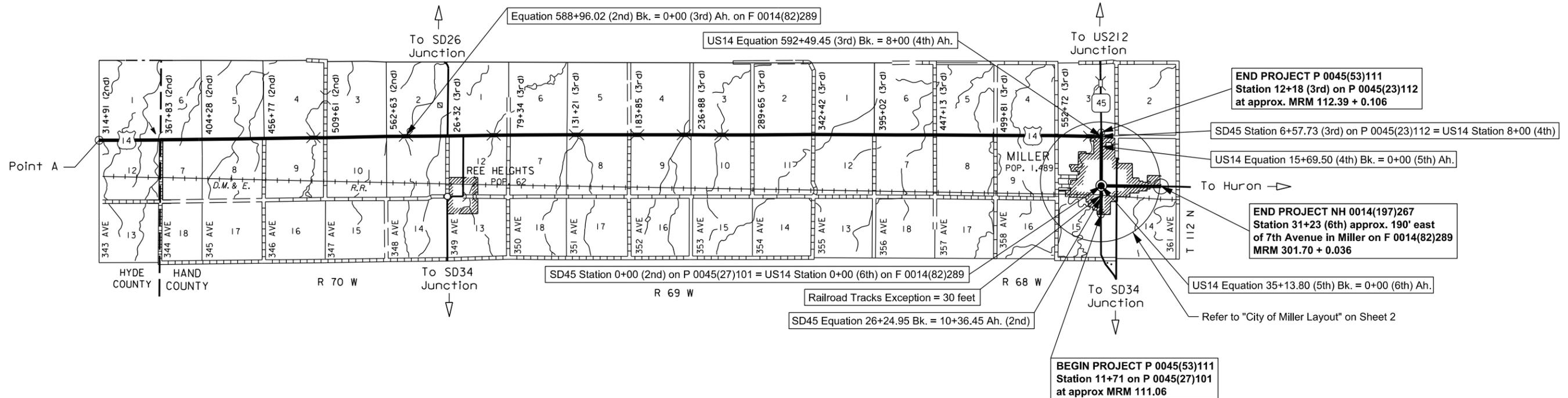
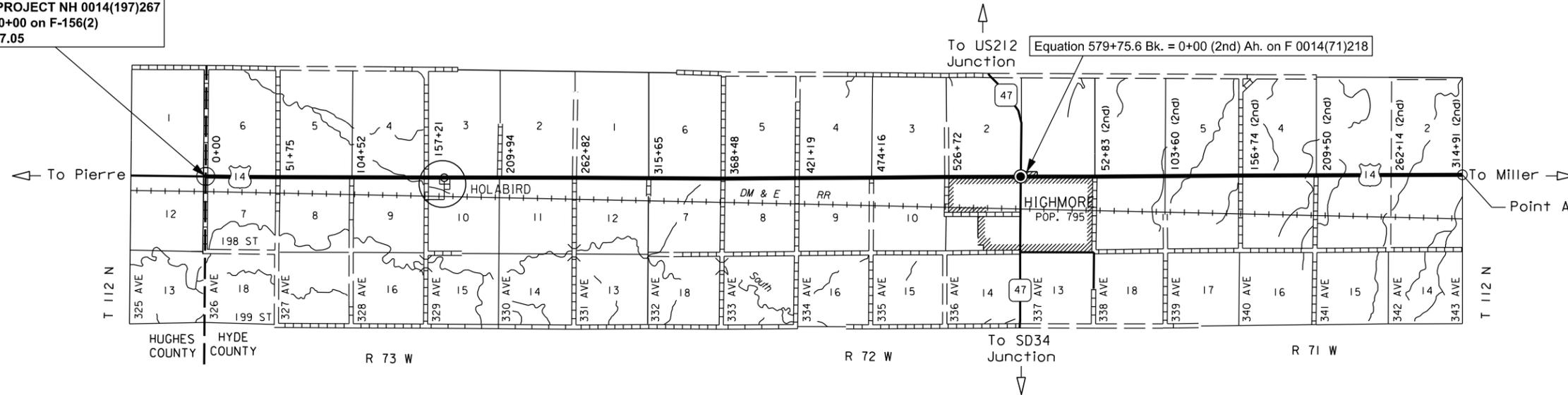
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)111	M1	M23
Plotting Date: 01/20/2015			



BEGIN PROJECT NH 0014(197)267
Station 0+00 on F-156(2)
MRM 267.05

INDEX OF SHEETS

- | | |
|---------------|--------------------------------|
| Sheet M1 | Layout Map and Index |
| Sheet M2 | City of Miller Detail Map |
| Sheet M3 | Estimate of Quantities & Notes |
| Sheet M4 | 2 Lane Undivided Rdwy Layout |
| Sheet M5 | Layout at Holabird |
| Sheet M6-M9 | Layout at Highmore |
| Sheet M10-M11 | Layout at Ree Heights |
| Sheet M12-M13 | Layout at ADM Grain Terminal |
| Sheet M14-M22 | Layout and Details Thru Miller |
| Sheet M23 | Standard Plate |



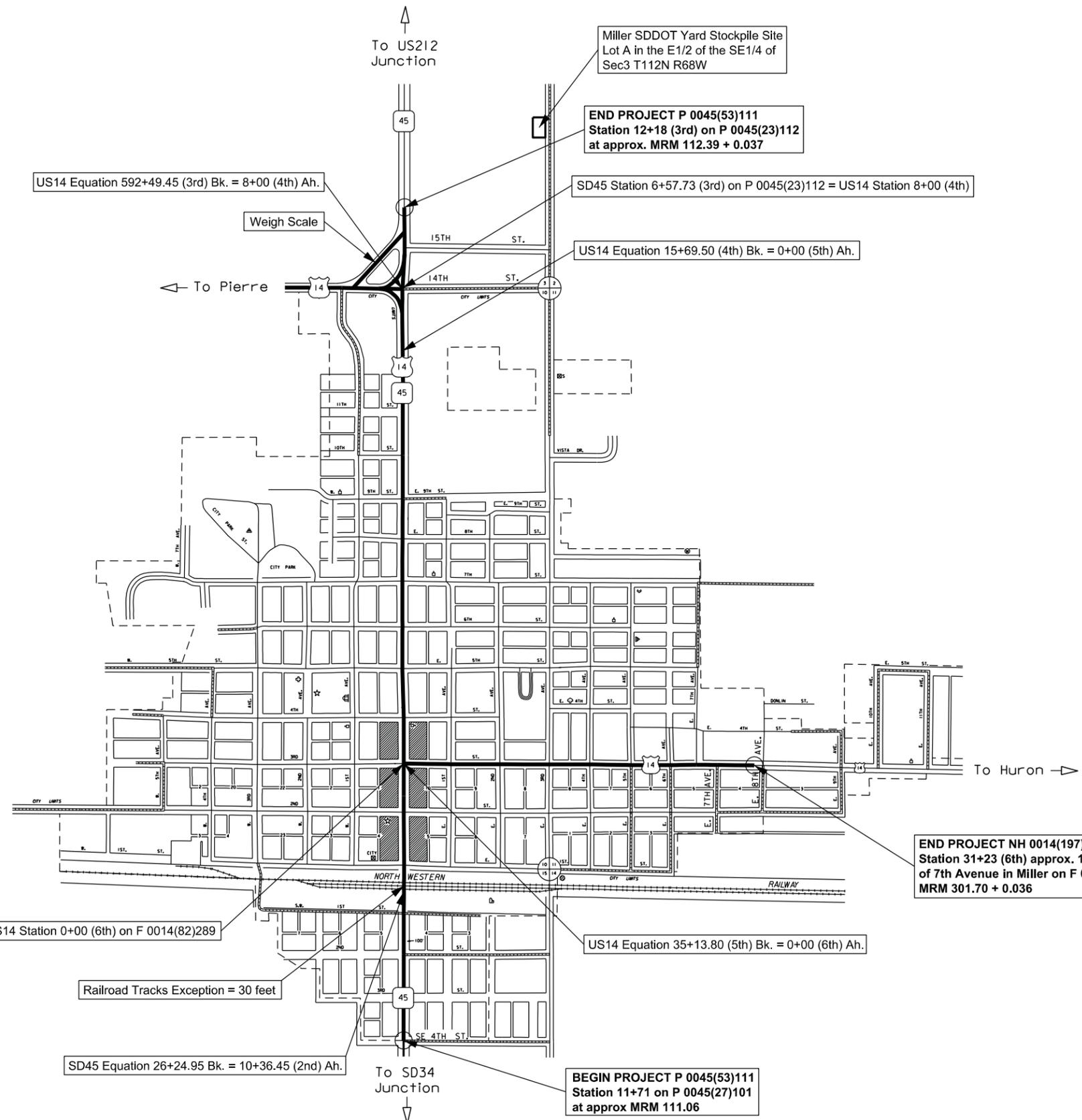
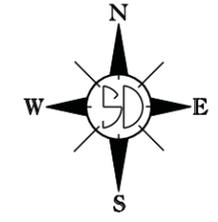
PLOT SCALE - 1"=330'00"

PLOTTED FROM - TRAB17882

FILE ... \04E3 SECTIONM TITLE SHEET.DGN

CITY OF MILLER DETAIL MAP

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)111	M2	M23
Plotting Date: 01/20/2015			



US14 Equation 592+49.45 (3rd) Bk. = 8+00 (4th) Ah.

Weigh Scale

Miller SDDOT Yard Stockpile Site
Lot A in the E1/2 of the SE1/4 of
Sec3 T112N R68W

END PROJECT P 0045(53)111
Station 12+18 (3rd) on P 0045(23)112
at approx. MRM 112.39 + 0.037

SD45 Station 6+57.73 (3rd) on P 0045(23)112 = US14 Station 8+00 (4th)

US14 Equation 15+69.50 (4th) Bk. = 0+00 (5th) Ah.

SD45 Station 0+00 (2nd) on P 0045(27)101 = US14 Station 0+00 (6th) on F 0014(82)289

Railroad Tracks Exception = 30 feet

SD45 Equation 26+24.95 Bk. = 10+36.45 (2nd) Ah.

BEGIN PROJECT P 0045(53)111
Station 11+71 on P 0045(27)101
at approx MRM 111.06

END PROJECT NH 0014(197)267
Station 31+23 (6th) approx. 190' east
of 7th Avenue in Miller on F 0014(82)289
MRM 301.70 + 0.036

US14 Equation 35+13.80 (5th) Bk. = 0+00 (6th) Ah.

PLOT SCALE - 1:33000

PLOTTED FROM - TRAB17882

PLOT NAME - 2

FILE - ... \04E3 SECTIONM TITLE SHEET.DGN

SECTION M ESTIMATE OF QUANTITIES

Project NH 0014(197)267, PCN 04E3

Bid Item Number	Item	Quantity	Unit
633E0030	Cold Applied Plastic Pavement Marking, 24"	2,080	Ft
633E0035	Cold Applied Plastic Pavement Marking, Area	74	SqFt
633E0040	Cold Applied Plastic Pavement Marking, Arrow	66	Each
633E0045	Cold Applied Plastic Pavement Marking, Combination Arrow	2	Each
633E0050	Cold Applied Plastic Pavement Marking, Message	4	Word
633E0062	Cold Applied Plastic Pavement Marking, Symbol	3	Each
633E1300	Pavement Marking Paint, White	1,178.0	Gal
633E1305	Pavement Marking Paint, Yellow	370.0	Gal
633E1400	Pavement Marking Paint, 4" White	182	Ft
633E5015	Grooving for Cold Applied Plastic Pavement Marking, 24"	2,080	Ft
633E5020	Grooving for Cold Applied Plastic Pavement Marking, Area	74	SqFt
633E5025	Grooving for Cold Applied Plastic Pavement Marking, Arrow	66	Each
633E5030	Grooving for Cold Applied Plastic Pavement Marking, Combination Arrow	2	Each
633E5035	Grooving for Cold Applied Plastic Pavement Marking, Message	4	Word
633E5037	Grooving for Cold Applied Plastic Pavement Marking, Symbol	3	Each

Project P 0045(53)111, PCN 04WJ

Bid Item Number	Item	Quantity	Unit
633E0030	Cold Applied Plastic Pavement Marking, 24"	624	Ft
633E0040	Cold Applied Plastic Pavement Marking, Arrow	2	Each
633E0055	Cold Applied Plastic Pavement Marking, Railroad Crossing	2	Each
633E0062	Cold Applied Plastic Pavement Marking, Symbol	7	Each
633E1300	Pavement Marking Paint, White	14.0	Gal
633E1305	Pavement Marking Paint, Yellow	20.0	Gal
633E1400	Pavement Marking Paint, 4" White	2,967	Ft
633E5015	Grooving for Cold Applied Plastic Pavement Marking, 24"	624	Ft
633E5025	Grooving for Cold Applied Plastic Pavement Marking, Arrow	2	Each
633E5037	Grooving for Cold Applied Plastic Pavement Marking, Symbol	7	Each
633E5040	Grooving for Cold Applied Plastic Pavement Marking, Railroad Crossing	2	Each

SCOPE OF WORK

The work required within this project includes, but is not limited to, the following items, not listed in order of execution.

- Installation of Cold Applied Pavement Markings including grooving prior to installation.
- Application of permanent pavement marking paint.

Pavement marking paint shall be applied after installation of the rumble strips and application of the Flush Seal.

Cold Applied Pavement Markings shall be installed after application of the Flush Seal.

PERMANENT PAVEMENT MARKING

Traffic Control shall be incidental to the cost of application. The striper and advance or trailing warning vehicle shall be equipped with flashing amber lights or advance warning arrow panel.

All materials shall be applied as per manufacturer's recommendations.

Glass beads shall be applied on the wet paint line at a minimum of eight pounds of glass beads per gallon of paint.

The Contractor shall advise the Engineer a minimum of 2 weeks prior to the application of the permanent pavement marking to allow the State to check and mark the location of no passing zones. All materials shall be applied as per manufacturer's recommendations.

The application of Permanent Pavement Marking paint may not begin until 7 calendar days following completion of final surfacing (including Flush Seal if applied) and shall be completed within 14 calendar days following completion of the final surfacing.

For each working day the application of permanent pavement marking paint remains uncompleted beyond the time limits described in the preceding paragraph, the Contractor will be assessed liquidated damages at the rate of \$250.00 per day.

The liquidated damages shall apply up to the Contract Completion Date, as extended. After the completion date, liquidated damages will be assessed in accordance with section 8.7 of the specifications, until the permanent pavement marking is completed, even though the project may be open to traffic.

COLD WEATHER, WATERBORNE PAINT

Waterborne paint applied after October 15 shall be formulated as cold weather, waterborne paint, and shall be applied in accordance with manufacturer's recommendations, including minimum temperature requirements.

There shall be no adjustment in the contract unit prices should cold weather formulated paint be required.

Cold weather, waterborne paint shall conform to section 980 of the specifications except for the following:

980.1 A - Resin Binder shall be Fastrack XSR manufactured by Dow, or approved equal.

980.1.1 Quantitative Requirements:

The Pigment, Percent By Weight for white: 60.0 – 63.0 and for yellow: 58.5-61.5.

The Pigment, Percent By Weight when tested in accordance with ASTM D3723 for white: 60.0-63.0 and for yellow: 56.1-59.2.

The Non-volatile Vehicle, percent by weight, min. for white: 41.5 and yellow: 41.5 when tested in accordance with FTMS 141c (method 4051.1)

PAVEMENT MARKING PAINT, 4" WHITE

The bid item Pavement Marking Paint, 4" White shall constitute the payment for the marking of the parking stalls and access aisle in Miller.

The following markings shall be measured and paid for with this bid item:

- Parallel Parking Stall lines perpendicular to centerline on US14 between 5th St and 3rd St.
- Angled Parking Stall lines on SD45 between 3rd St and 1st St.
- Lines parallel to centerline in the Access Aisle adjacent to the ADA parking stall.

GROOVING FOR COLD APPLIED PLASTIC PAVEMENT MARKING

The work shall generally consist of grooving the asphalt surface and subsequent application of cold applied plastic tape.

All surfaces receiving cold applied plastic pavement markings shall be grooved prior to application of the cold applied plastic pavement markings.

The groove shall be made in a single pass dry cut using stacked diamond or carbide tipped cutting heads mounted on a floating head with controls capable of providing uniform depth and alignment. The equipment shall be self- vacuuming and leave the cut groove ready for pavement marking installation. The pavement marking shall be placed in the grooves the same day the grooving is completed. Grooves shall be clean and dry prior to pavement marking application.

Groove cleaning: Grooves must be cleaned by using high pressure compressed air (90 psi minimum).

If the cold applied plastic pavement marking tape (including primer if required) does not immediately follow dry pavement grooving, the following shall apply:

Within 24 hours prior to placing the cold applied plastic pavement marking tape the groove shall be sandblasted and free of any residue or laitance. If the cold applied plastic pavement marking tape is not placed within 24 hours of sandblasting, the groove shall be re- sandblasted.

The cold applied plastic pavement marking tape shall be installed in accordance with the manufacturer's recommendations.

TABLE OF COLD APPLIED PAVEMENT MARKING QUANTITIES

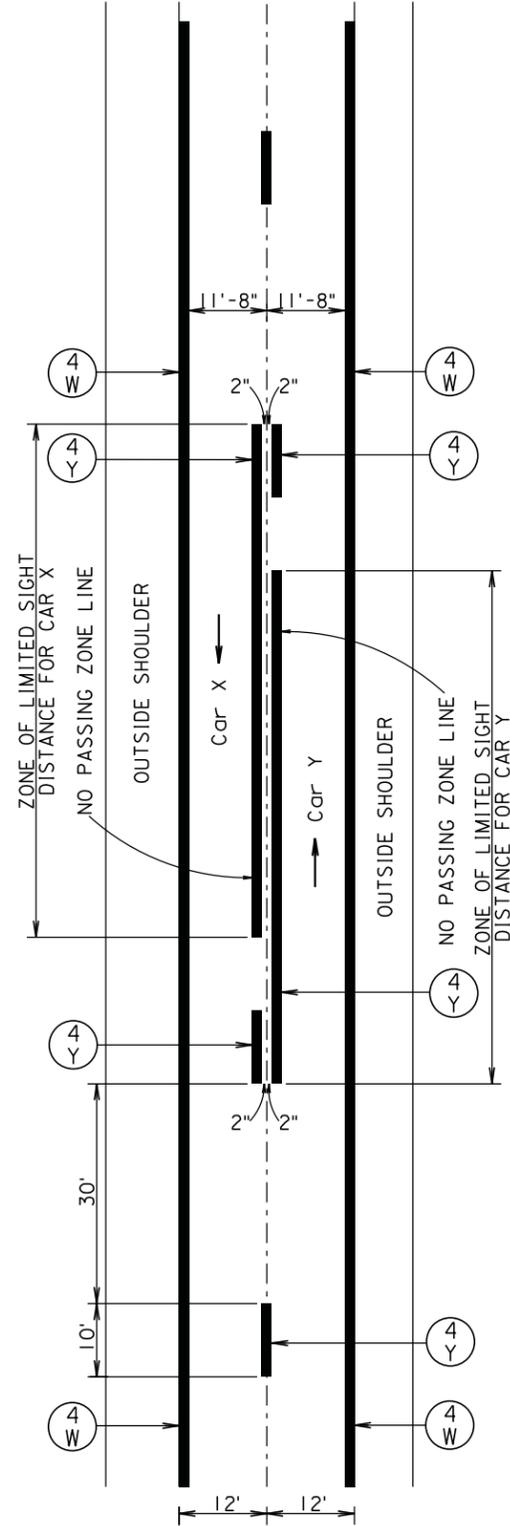
(For Information Only)

Route	Left Turn Arrow	Right Turn Arrow	Combination Arrow	ADA Symbol	Railroad Crossing	24" White	24" Yellow	Area	Stop Message	Ahead Message
	Each	Each	Each	Each	Each	Ft	Ft	SqFt	Word	Word
US14	58	8	2	3	-	485	1595	74	2	2
SD45	2	-	-	7	2	483	141	-	-	-

**TWO LANE
UNDIVIDED ROADWAY**

The following layout shall apply on US 14 from the beginning of the project Sta 0+00 to Sta 586+10 (2nd), except at Holabird, Highmore, Ree Heights and 2 miles west of Miller at the ADM Grain Terminal where specific pavement markings layout are provided for within these Section M plans.

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)111	M4	M23
Plotting Date: 01/20/2015			



KEY	ITEM
(4) W	4" White
(4) Y	4" Yellow

FURNISHING AND APPLYING PAVEMENT MARKING PAINT

- The pavement marking paint and glass beads will be furnished and applied by the Contractor. Material shall meet the requirements of Section 980 and 981 of the Specifications.
- Construction requirements, methods of measurement, and basis of payment shall conform to the requirements of Section 633 of the Specifications.
- The approximate paint application rates shall be as follows:

Undivided Roadway	
Yellow Centerline	White or Yellow Skips
12± Gallons/Pass-Mile (Includes No-passing lines)	4.6 Gallons/Pass-Mile
White Edgeline	
16.90 Gallons/Pass-Mile (Solid Line)	
- The typical pavement markings as shown on the sheet shall be applied throughout the entire length of the project, except as noted.
- Exact location of the NO PASSING ZONE lines will be determined in the field by the Engineer. A dash of white paint will mark the beginning and end of all no passing zones. NO PASSING ZONE signs and the ending post in fence lines, if present, shall not be used as the beginning and ending NO PASSING ZONE lines.
- Traffic Control shall be incidental to the cost of application. The striper and advance or trailing warning vehicle shall be equipped with flashing amber lights or advance warning arrow panel.
- Glass beads shall be applied on the wet paint line at a minimum of eight pounds of glass beads per gallon of paint.

PAVEMENT MARKING LAYOUTS

US 14 at Holabird

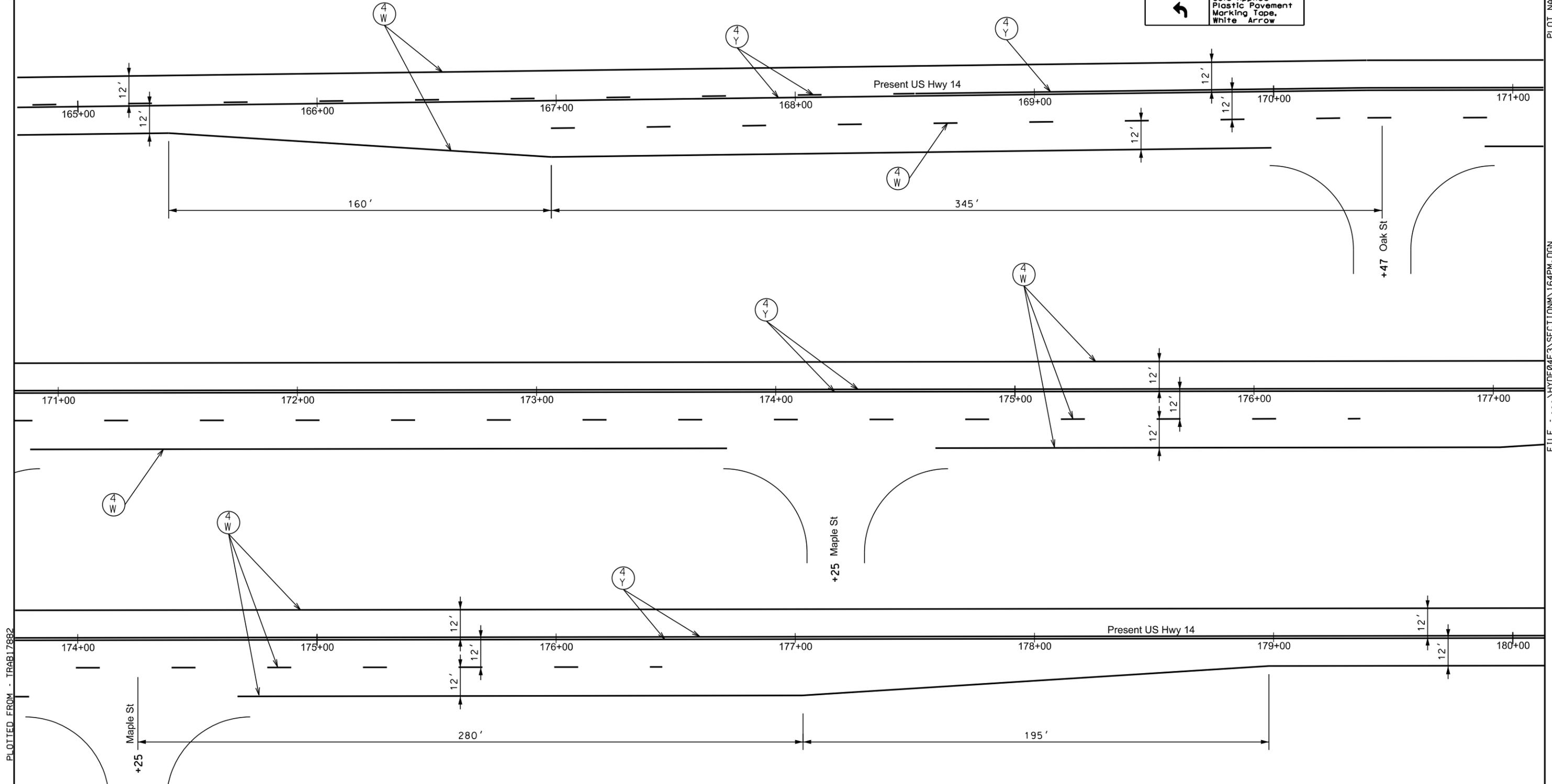
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)111	M5	M23
Plotting Date: 01/20/2015			

KEY	ITEM
(4 W)	4" White Paint
(4 Y)	4" Yellow Paint
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
↩	Cold Applied Plastic Pavement Marking Tape, White Arrow



PLOT SCALE - 1:40

PLOT NAME - 4



PLOTTED FROM - TRAB17882

FILE - ... \HYDE04E3\SECTION\164PM.DGN

PAVEMENT MARKING LAYOUTS

US 14 at Highmore

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)1111	M6	M23
Plotting Date: 01/20/2015			

KEY	ITEM
(4 W)	4" White Paint
(4 Y)	4" Yellow Paint
(24 W)	Cold Applied Plastic Pavement Marking Tape, 24" White
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
↩	Cold Applied Plastic Pavement Marking Tape, White Arrow

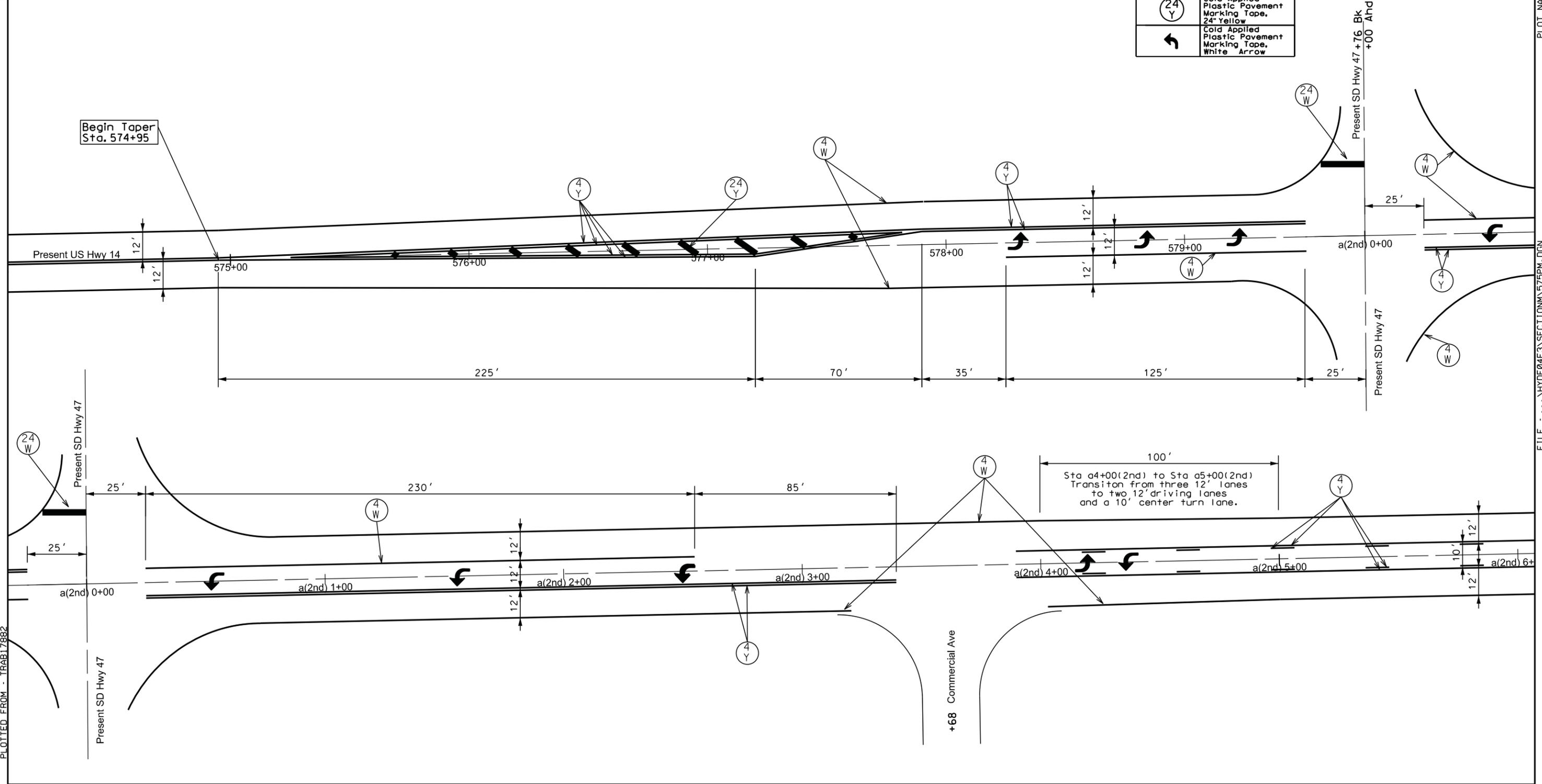


PLOT SCALE - 1:40

PLOT NAME - 5

PLOTTED FROM - TRAB17982

FILE - ... \HYDE04E3\SECTION\575PM.DGN



PAVEMENT MARKING LAYOUTS

US 14 at Highmore

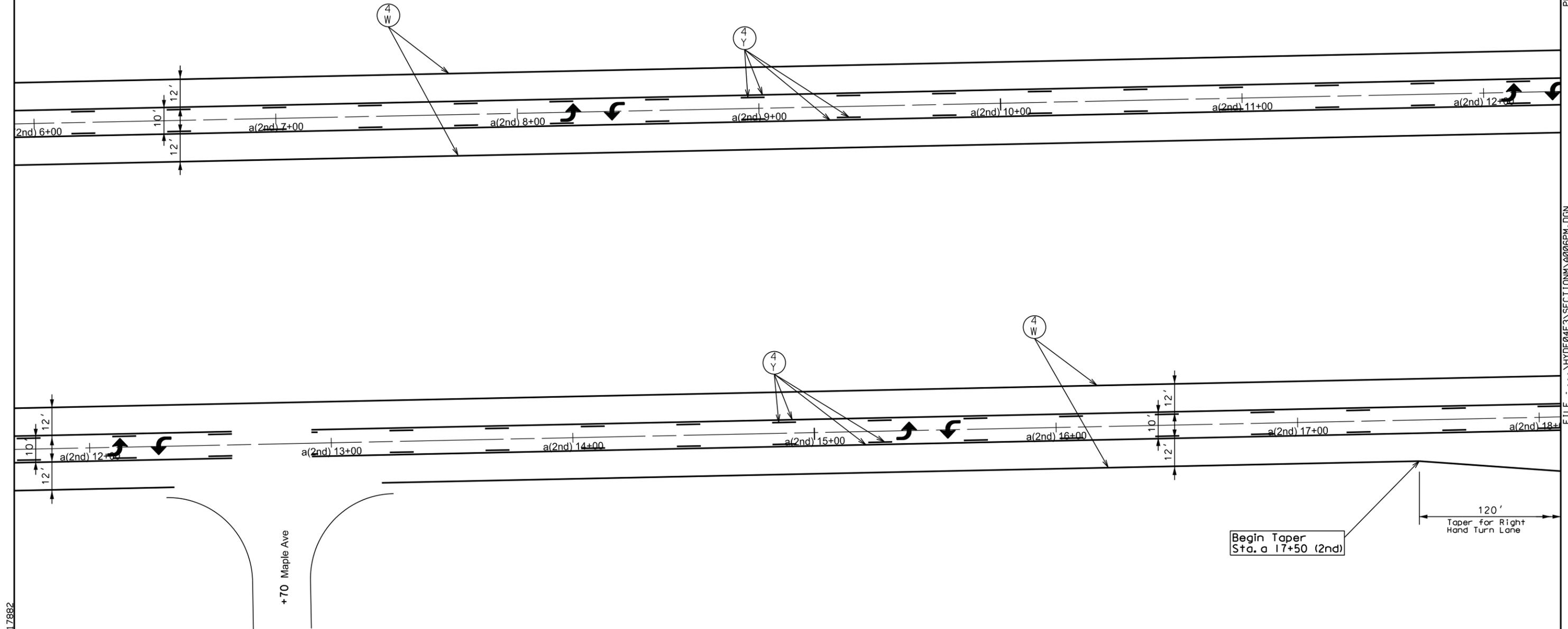
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)111	M7	M23
Plotting Date: 01/20/2015			

KEY	ITEM
(4 W)	4" White Paint
(4 Y)	4" Yellow Paint
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
↩	Cold Applied Plastic Pavement Marking Tape, White Arrow



PLOT SCALE - 1:40

PLOT NAME - 6



PLOTTED FROM - TRAB17882

FILE - ... \HYDE04E3\SECTION\A006PM.DGN

+70 Maple Ave

Begin Taper
Sta. a 17+50 (2nd)

120'
Taper for Right
Hand Turn Lane

PAVEMENT MARKING LAYOUTS

US 14 at Highmore

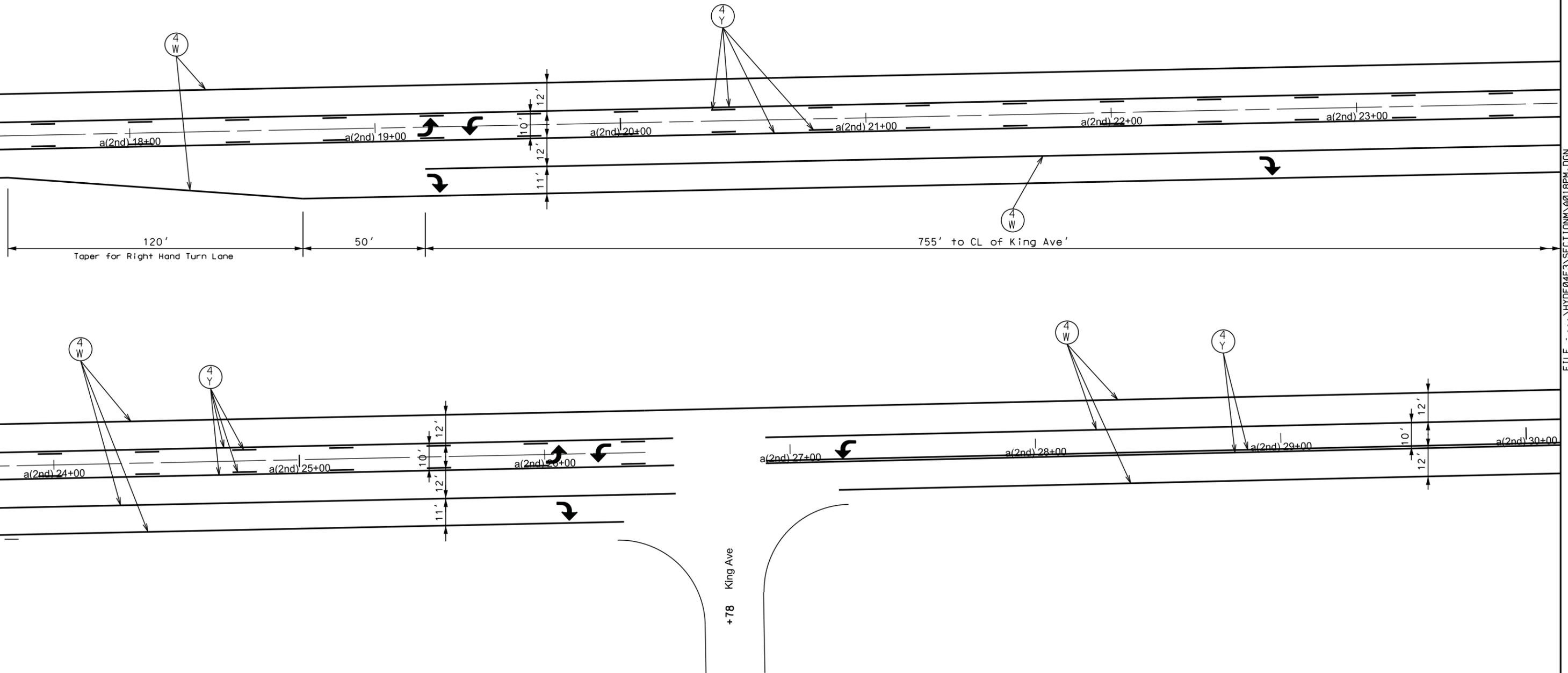
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)111	M8	M23
Plotting Date: 01/20/2015			

KEY	ITEM
(4 W)	4" White Paint
(4 Y)	4" Yellow Paint
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
↩	Cold Applied Plastic Pavement Marking Tape, White Arrow



PLOT SCALE - 1:40

PLOT NAME - 7



PLOTTED FROM - TRAB17882

FILE - ... \HYDE04E3\SECTION\A018PM.DGN

PAVEMENT MARKING LAYOUTS

US 14 at Highmore

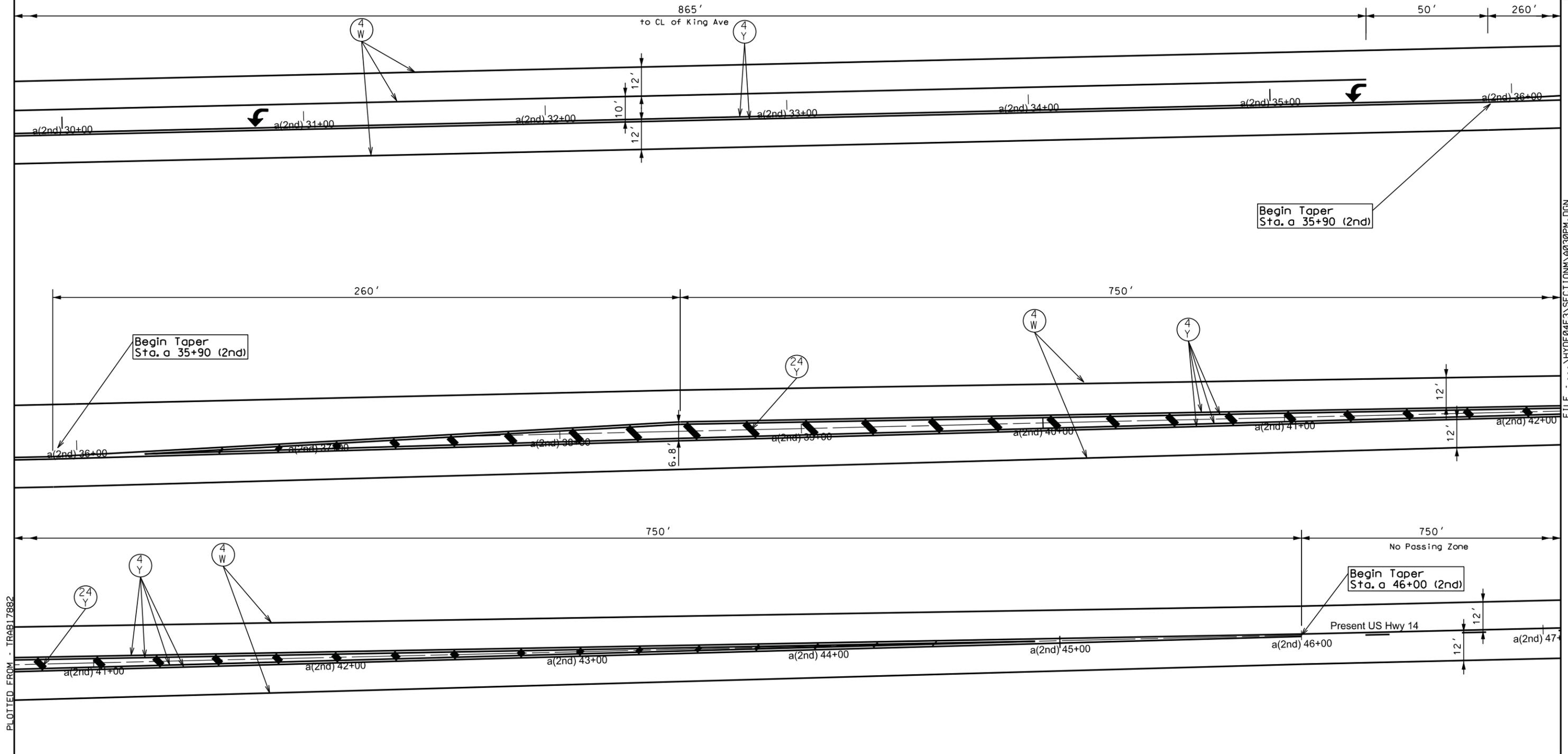
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)1111	M9	M23
Plotting Date: 01/20/2015			

KEY	ITEM
(4) W	4" White Paint
(4) Y	4" Yellow Paint
(24) Y	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
↩	Cold Applied Plastic Pavement Marking Tape, White Arrow



PLOT SCALE - 1:40

PLOT NAME - 8



PLOTTED FROM - TRAB17882

FILE - ... \HYDE04E3\SECTION\A030PM.DGN

PAVEMENT MARKING LAYOUTS

US 14 at Ree Heights

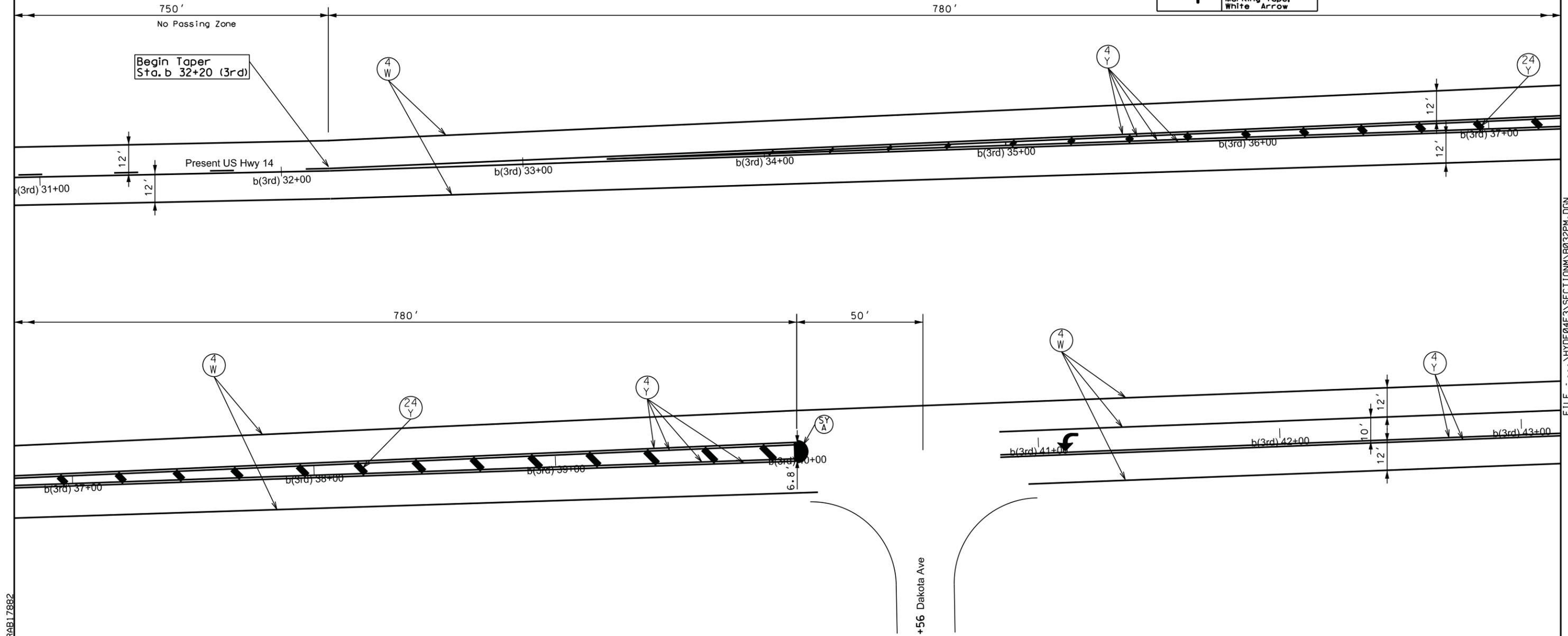
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)111	M10	M23
Plotting Date: 01/20/2015			

KEY	ITEM
(4 W)	4" White Paint
(4 Y)	4" Yellow Paint
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
(SY A)	Cold Applied Plastic Pavement Marking Tape, Yellow Area
↩	Cold Applied Plastic Pavement Marking Tape, White Arrow



PLOT SCALE - 1:40

PLOT NAME - 9



PLOTTED FROM - TRAB17882

FILE - ... \HYDE04E3\SECTION\M_B032PM.DGN

PAVEMENT MARKING LAYOUTS

US 14 at Ree Heights

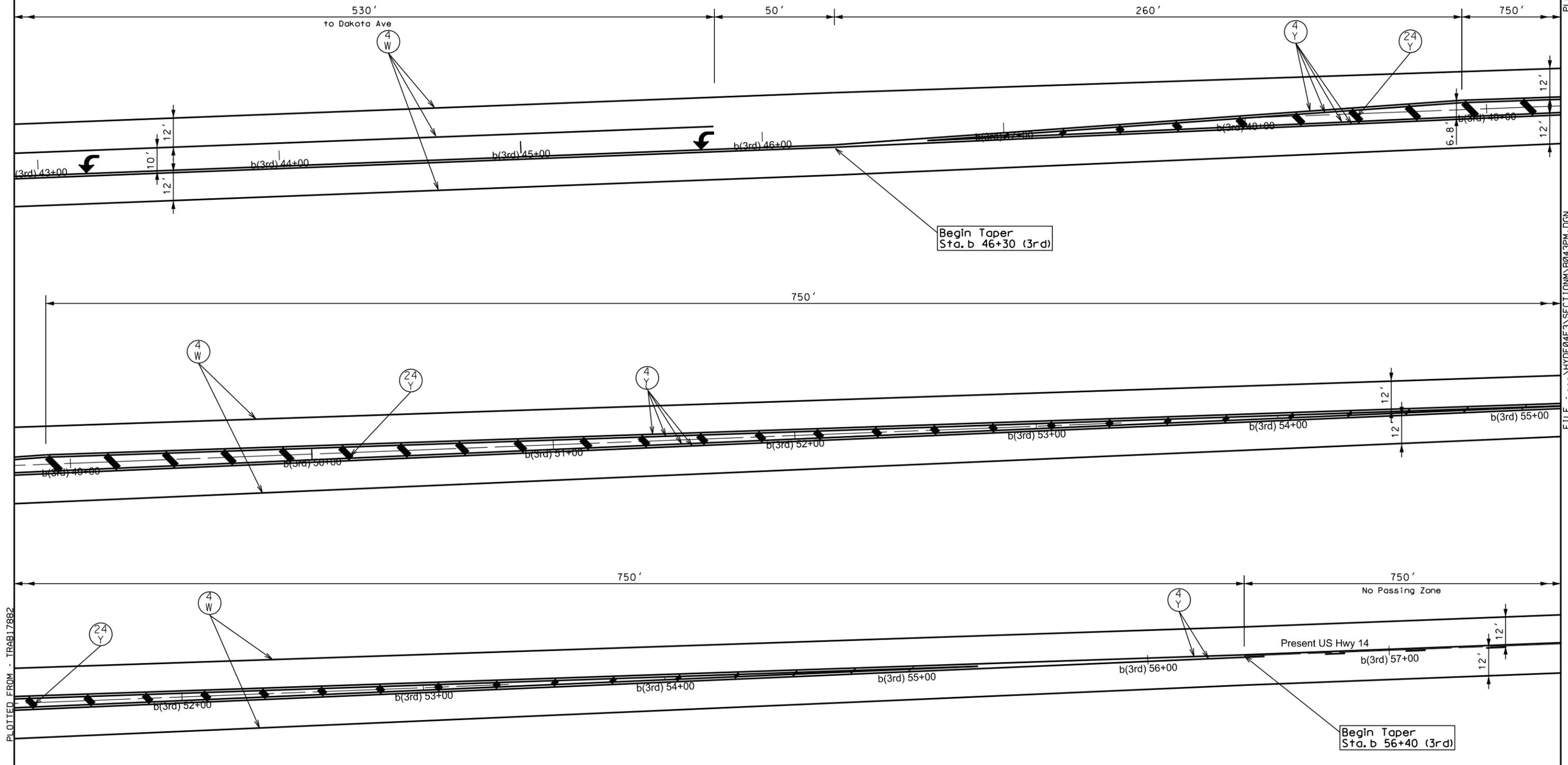
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)1111	M11	M23
Plotting Date: 01/20/2015			

KEY	ITEM
(4 W)	4" White Paint
(4 Y)	4" Yellow Paint
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
↩	Cold Applied Plastic Pavement Marking Tape, White Arrow



PLOT SCALE - 1:40

PLOT NAME - 10



PLOTTED FROM - TRAB17882

FILE - ... \HYDE04E3\SECTION\B043PM.DGN

Begin Taper
Sta. b 56+40 (3rd)

PAVEMENT MARKING LAYOUTS

US 14 at Miller ADM Grain Terminal

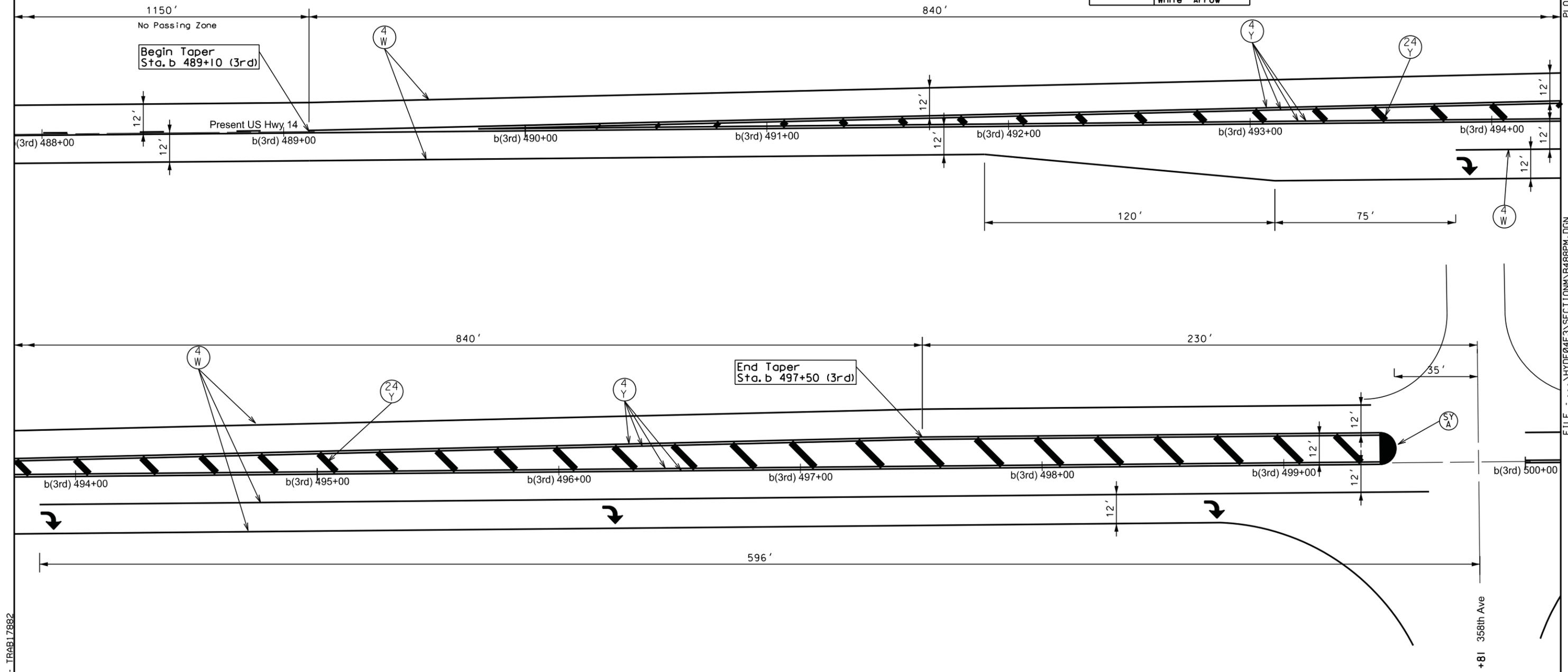
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)111	M12	M23
Plotting Date: 01/20/2015			

KEY	ITEM
(4 W)	4" White Paint
(4 Y)	4" Yellow Paint
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
(SY A)	Cold Applied Plastic Pavement Marking Tape, Yellow Area
↩	Cold Applied Plastic Pavement Marking Tape, White Arrow



PLOT SCALE - 1:40

PLOT NAME - 11



PLOTTED FROM - TRAB17882

FILE - ... \HYDE04E3\SECTION\B488PM.DGN

+81 358th Ave

PAVEMENT MARKING LAYOUTS

US 14 at Miller ADM Grain Terminal

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)1111	M13	M23
Plotting Date: 01/20/2015			

KEY	ITEM
(4 W)	4" White Paint
(4 Y)	4" Yellow Paint
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
↩	Cold Applied Plastic Pavement Marking Tape, White Arrow



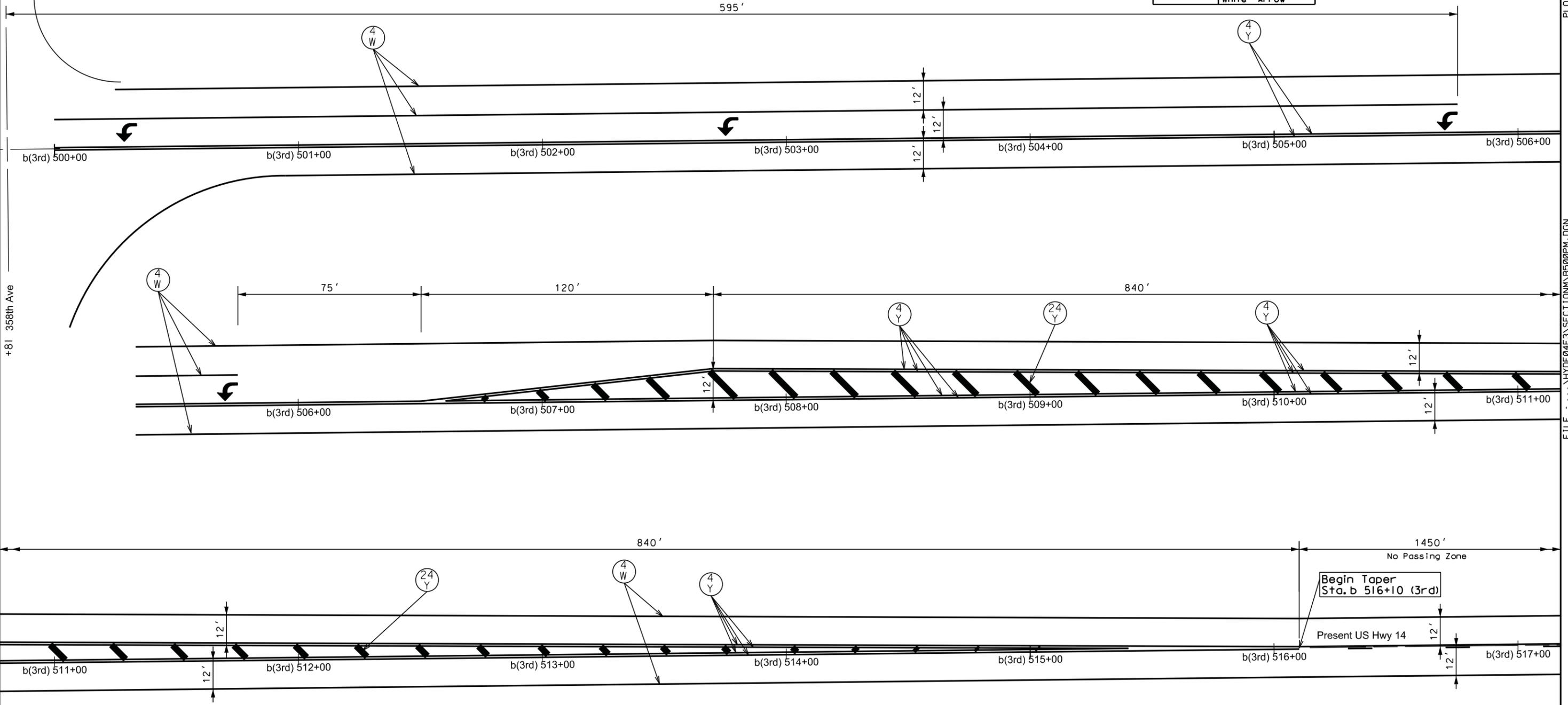
PLOT SCALE - 1:40

PLOT NAME - 12

+81 358th Ave

FILE ... \HYDE04E3\SECTION\B600PM.DGN

PLOTTED FROM - TRAB17882



PAVEMENT MARKING LAYOUTS

US 14 and SD 45 Junction (North Junction)

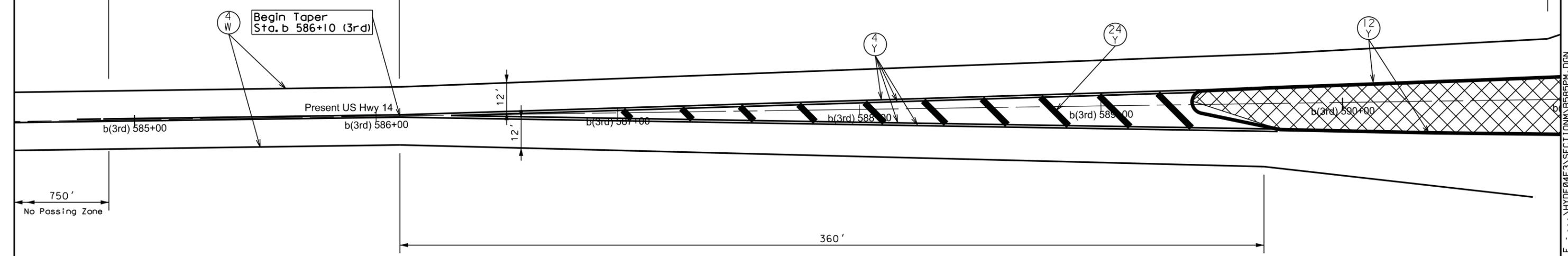
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)111	M14	M23
Plotting Date: 01/20/2015			

KEY	ITEM
(4 W)	4" White Paint
(4 Y)	4" Yellow Paint
(12 Y)	12" Yellow Paint
(24 W)	Cold Applied Plastic Pavement Marking Tape, 24" White
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
↩	Cold Applied Plastic Pavement Marking Tape, White Arrow
↗	Cold Applied Plastic Pavement Marking Tape, White Comb. Arrow
R/R	Cold Applied Plastic Pavement Marking Tape, White RR Crossing



PLOT SCALE - 1:40

PLOT NAME - 13



PLOTTED FROM - TRAB17882

FILE - ... \HYDE04E3\SECTION\SECT10N\B885PM.DGN

PAVEMENT MARKING LAYOUTS

US 14 and SD 45 Junction (North Junction)

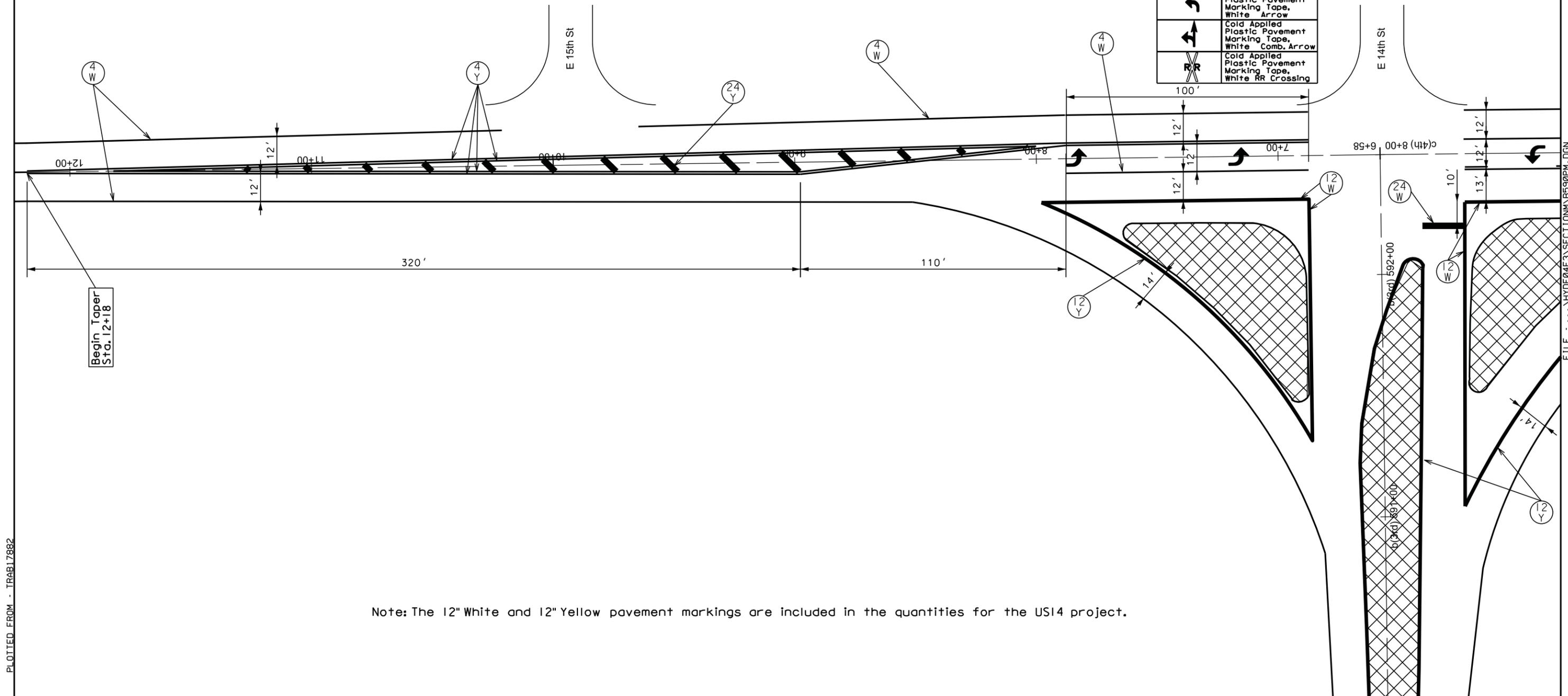
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)1111	M15	M23
Plotting Date: 01/20/2015			

KEY	ITEM
(4 W)	4" White Point
(4 Y)	4" Yellow Point
(12 W)	12" White Paint
(12 Y)	12" Yellow Paint
(24 W)	Cold Applied Plastic Pavement Marking Tape, 24" White
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
↩	Cold Applied Plastic Pavement Marking Tape, White Arrow
↗	Cold Applied Plastic Pavement Marking Tape, White Comb. Arrow
RR	Cold Applied Plastic Pavement Marking Tape, White RR Crossing



PLOT SCALE - 1:40

PLOT NAME - 14



Note: The 12" White and 12" Yellow pavement markings are included in the quantities for the US14 project.

PLOTTED FROM - TRAB17882

FILE - ... \HYDE04E3\SECTION\M 9590PM.DGN

PAVEMENT MARKING LAYOUTS

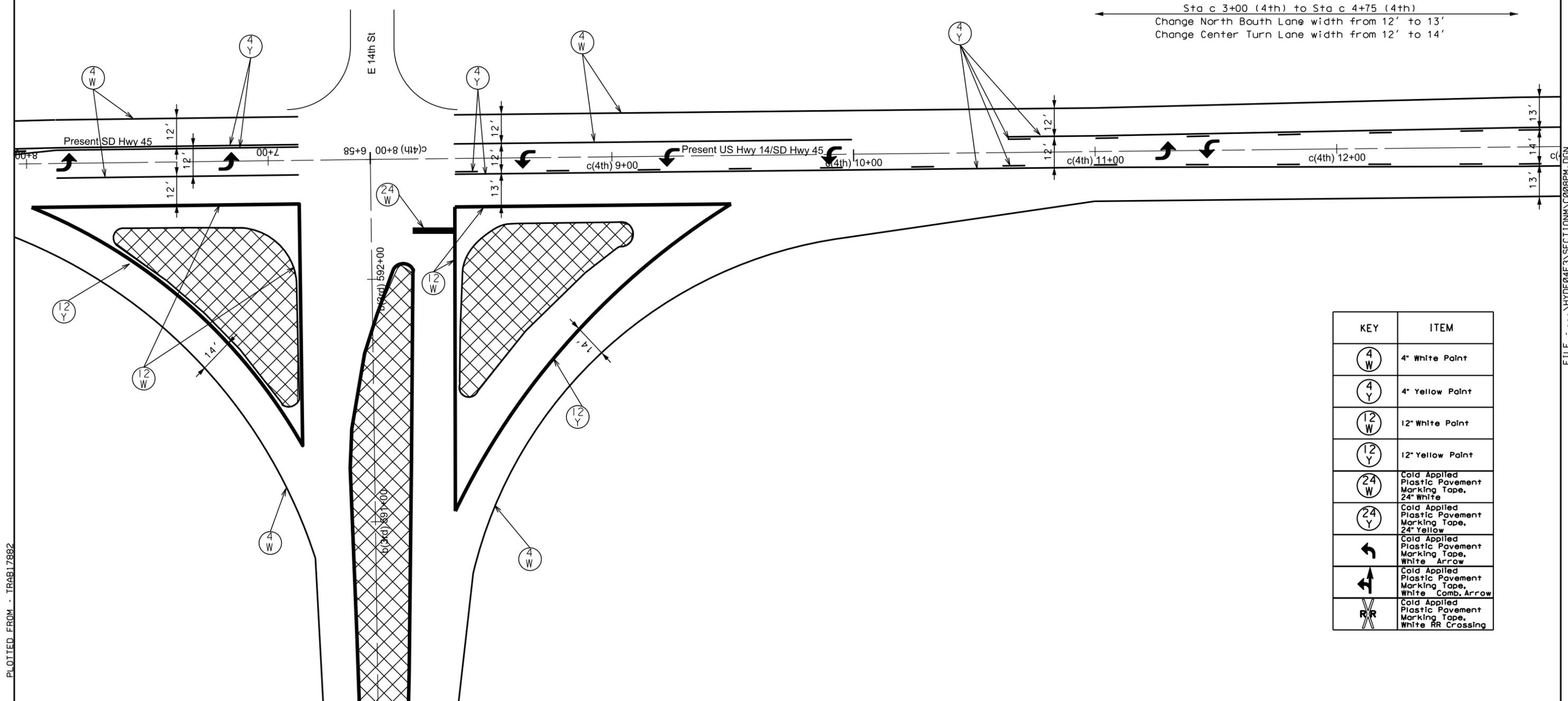
US 14 and SD 45 Junction (North Junction)

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)1111	M16	M23
Plotting Date: 01/20/2015			



PLOT SCALE - 1"=40'

PLOT NAME - 15



KEY	ITEM
(4 W)	4" White Point
(4 Y)	4" Yellow Point
(12 W)	12" White Point
(12 Y)	12" Yellow Point
(24 W)	Cold Applied Plastic Pavement Marking Tape, 24" White
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
↩	Cold Applied Plastic Pavement Marking Tape, White Arrow
↪	Cold Applied Plastic Pavement Marking Tape, White Comb. Arrow
RR	Cold Applied Plastic Pavement Marking Tape, White RR Crossing

PLOTTED FROM - TRAB17882

FILE - ... \HYDE04E3\SECTION\ C008PM.DGN

PAVEMENT MARKING LAYOUTS

US 14 through Miller (North-South Segment)

Markings shown on this sheet are typical from Sta c 12+00 (4th) to Sta. d 31+00 (5th)

(See additional typical details on next sheet.)

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)1111	M17	M23
Plotting Date: 01/20/2015			

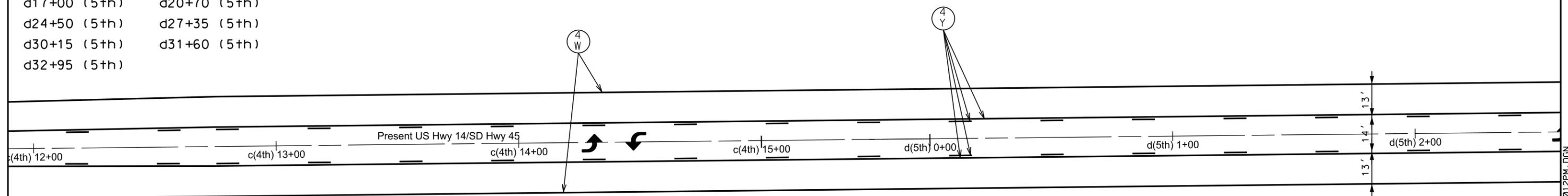


PLOT SCALE - 1:40

PLOT NAME - 16

Place opposing left turn arrows mid block
at approximately the following stations:

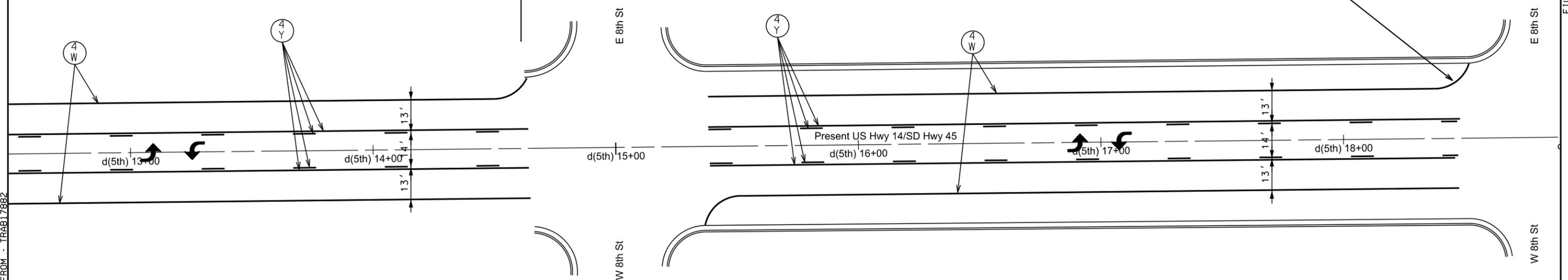
- | | |
|--------------|--------------|
| c11+40 (4th) | c14+40 (4th) |
| d2+70 (5th) | d6+70 (5th) |
| d9+35 (5th) | d13+15 (5th) |
| d17+00 (5th) | d20+70 (5th) |
| d24+50 (5th) | d27+35 (5th) |
| d30+15 (5th) | d31+60 (5th) |
| d32+95 (5th) | |



Width of parking lane will vary slightly as
the roadway width varies slightly.

A 15' Radius in the white edge line
shall be placed at the beginning of
each block. White edge line shall be
placed such that the radius does
not cross the curb ramp.

Non Curb and Gutter ← Curb and Gutter



PLOTTED FROM - TRAB17882

FILE - ... \HYDE04E3\SECTION\012PM.DGN

PAVEMENT MARKING LAYOUTS

US 14 through Miller (North-South Segment)

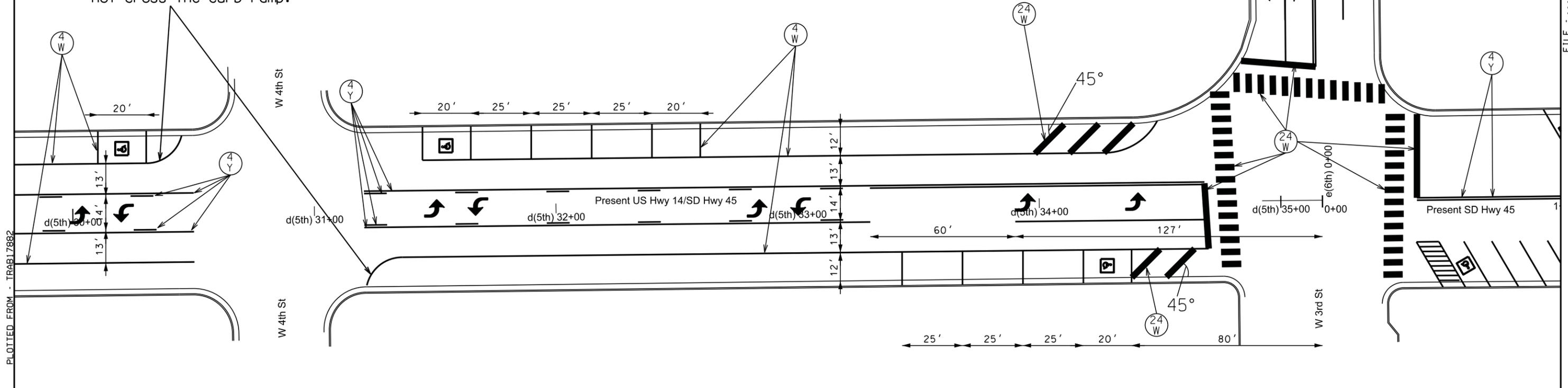
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)1111	M18	M23
Plotting Date: 01/20/2015			

PLOT SCALE - 1:40

PLOT NAME - 17

KEY	ITEM
(4 W)	4" White Paint
(4 Y)	4" Yellow Paint
(12 Y)	12" Yellow Paint
(24 W)	Cold Applied Plastic Pavement Marking Tape, 24" White
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
↩	Cold Applied Plastic Pavement Marking Tape, White Arrow
↪	Cold Applied Plastic Pavement Marking Tape, White Comb. Arrow
RR	Cold Applied Plastic Pavement Marking Tape, White RR Crossing
STOP OR AHEAD	Cold Applied Plastic Pavement Marking Tape, White Message

A 15' Radius in the white edge line shall be placed at the beginning of each block. White edge line shall be placed such that the radius does not cross the curb ramp.



PLOTTED FROM - TRAB17882

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PAVEMENT MARKING LAYOUTS

US 14 through Miller (East-West Segment)

Markings shown on this sheet are typical from Sta e 3+00 (6th) to Sta. e 31+23 (6th)

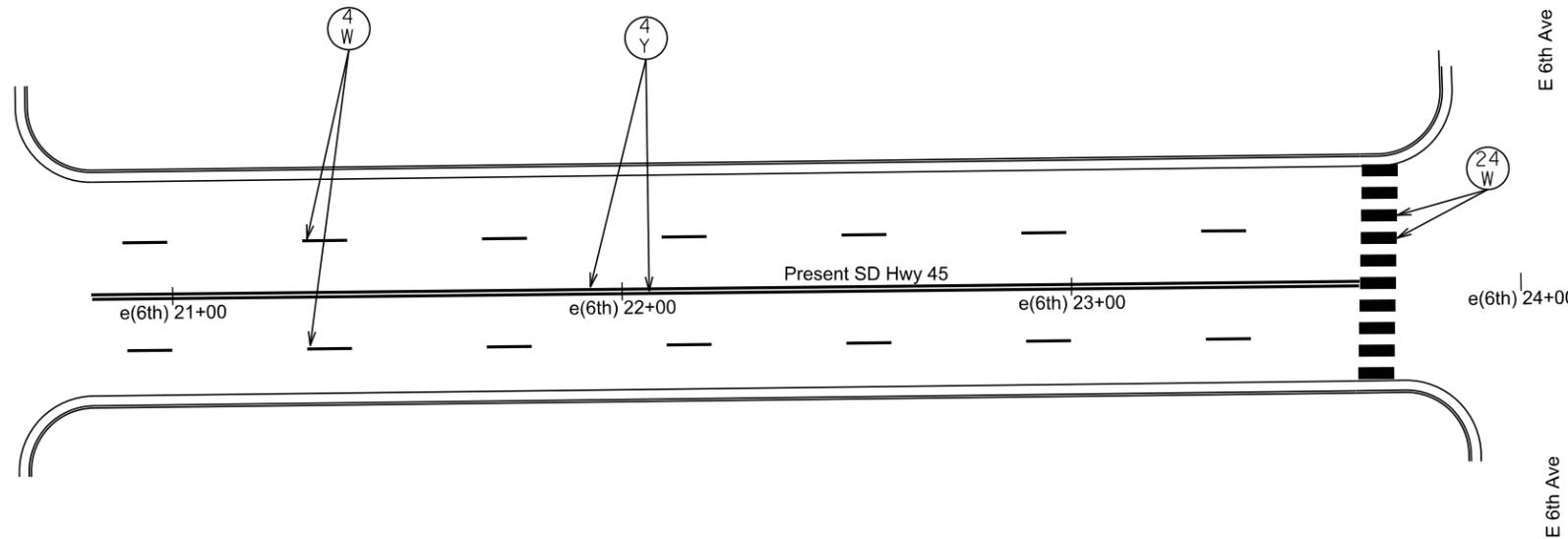
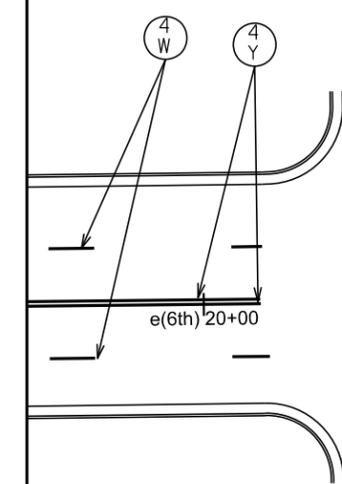
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)1111	M19	M23
Plotting Date: 01/20/2015			

KEY	ITEM
(4 W)	4" White Point
(4 Y)	4" Yellow Point
(12 Y)	12" Yellow Point
(24 W)	Cold Applied Plastic Pavement Marking Tape, 24" White
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
↩	Cold Applied Plastic Pavement Marking Tape, White Arrow
↗	Cold Applied Plastic Pavement Marking Tape, White Comb. Arrow
RR	Cold Applied Plastic Pavement Marking Tape, White RR Crossing



PLOT SCALE - 1:40

PLOT NAME - 18



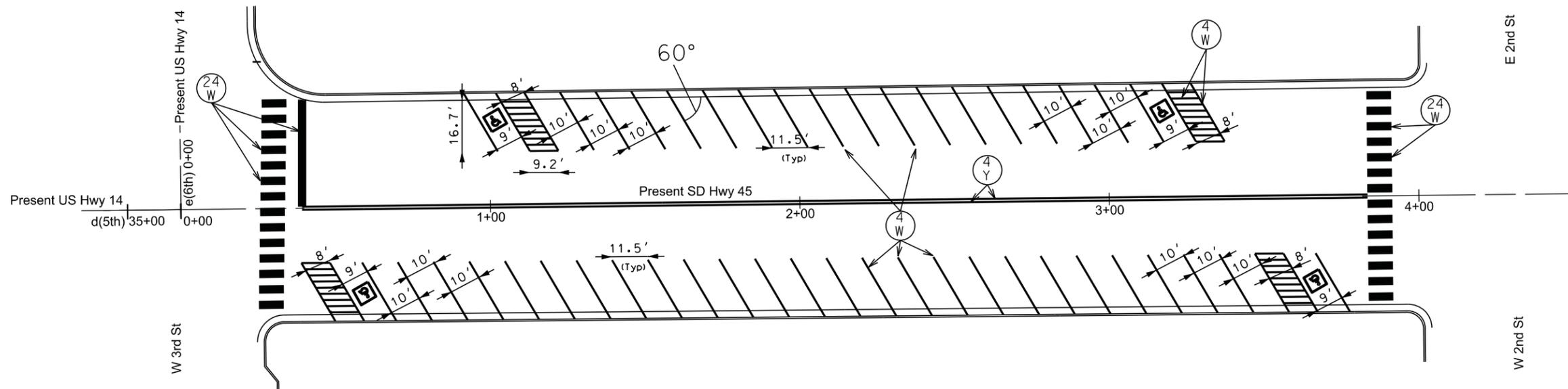
PLOTTED FROM - TRAB17882

FILE - ... \HYDE04E3\SECTION\M\E022PM.DGN

PAVEMENT MARKING LAYOUTS

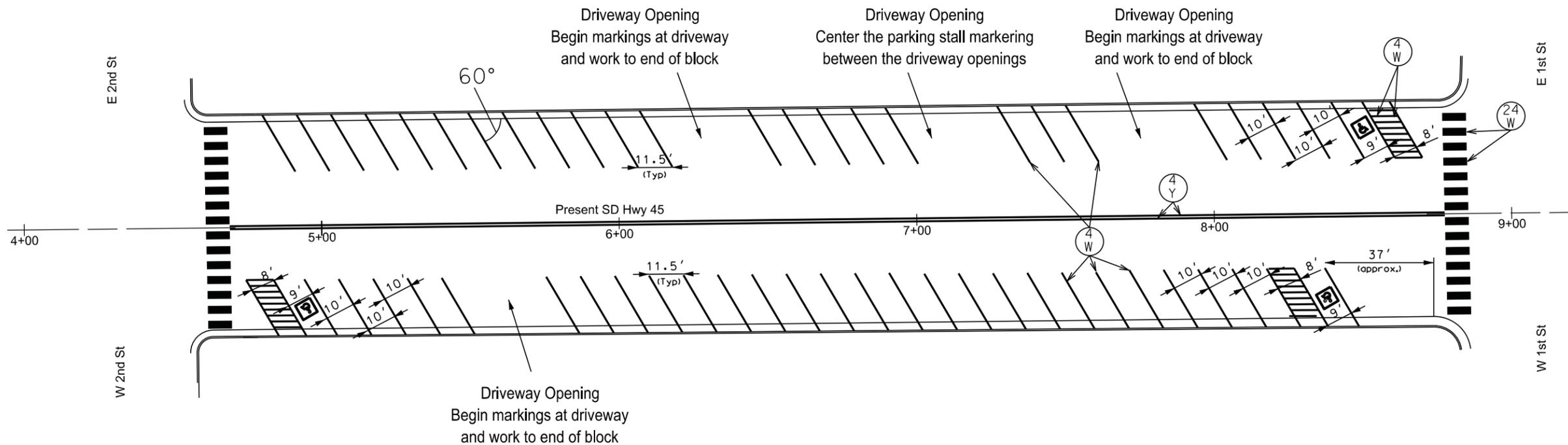
SD 45 through Miller

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)1111	M20	M23
Plotting Date: 01/20/2015			



KEY	ITEM
(4 W)	4" White Point
(4 Y)	4" Yellow Point
(12 Y)	12" Yellow Point
(24 W)	Cold Applied Plastic Pavement Marking Tape, 24" White
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
(↩)	Cold Applied Plastic Pavement Marking Tape, White Arrow
(↶)	Cold Applied Plastic Pavement Marking Tape, White Comb. Arrow
(RR)	Cold Applied Plastic Pavement Marking Tape, White RR Crossing

For a typical stall width of 10', the stall width parallel to centerline is 11.5'.
 ADA stalls shall be 9' wide (10.4' parallel to centerline).
 Loading Zone stalls shall be 8' wide (9.2' parallel to centerline).



PLOT SCALE - 1"=40'

PLOTTED FROM - TRAB17882

PLOT NAME - 19

FILE - ... \HYDE04E3\SECTION\5000PM.DGN

PAVEMENT MARKING LAYOUTS

SD 45 through Miller

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)1111	M21	M23
Plotting Date: 01/20/2015			



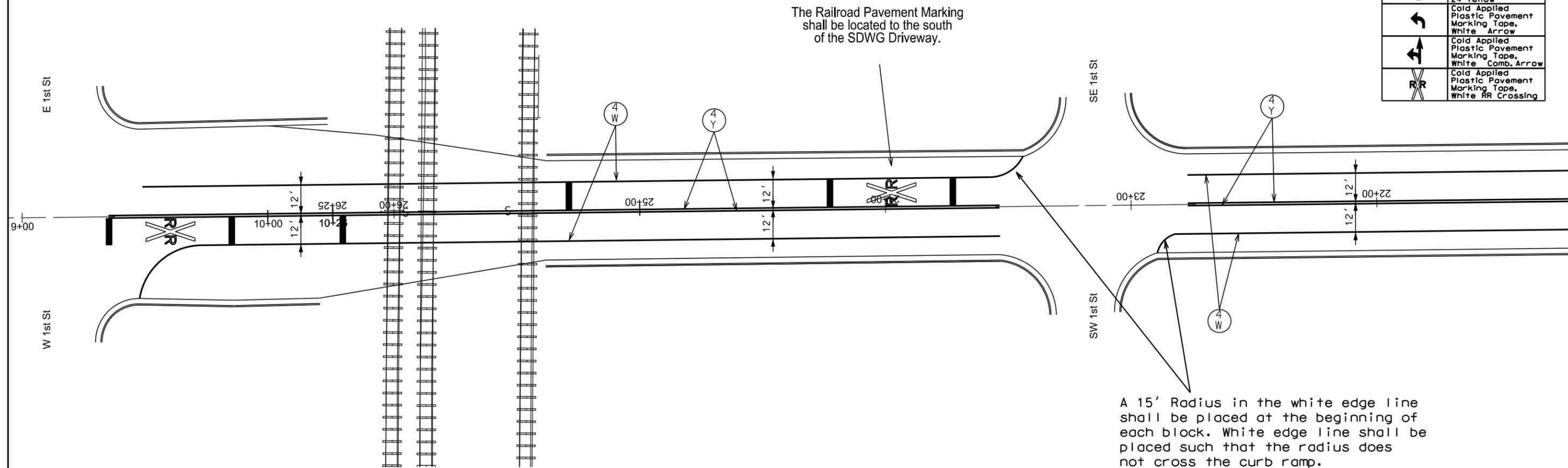
Markings shown on this sheet from Sta 23+00 southward
are typical to the Beginning of the Project at Sta 11+71

KEY	ITEM
(4 W)	4" White Paint
(4 Y)	4" Yellow Paint
(12 Y)	12" Yellow Paint
(24 W)	Cold Applied Plastic Pavement Marking Tape, 24" White
(24 Y)	Cold Applied Plastic Pavement Marking Tape, 24" Yellow
↷	Cold Applied Plastic Pavement Marking Tape, White Arrow
↶	Cold Applied Plastic Pavement Marking Tape, White Comb. Arrow
RR	Cold Applied Plastic Pavement Marking Tape, White RR Crossing

The Railroad Pavement Marking shall be located to the south of the SDWG Driveway.

PLOT SCALE - 1"=40'

PLOT NAME - 20



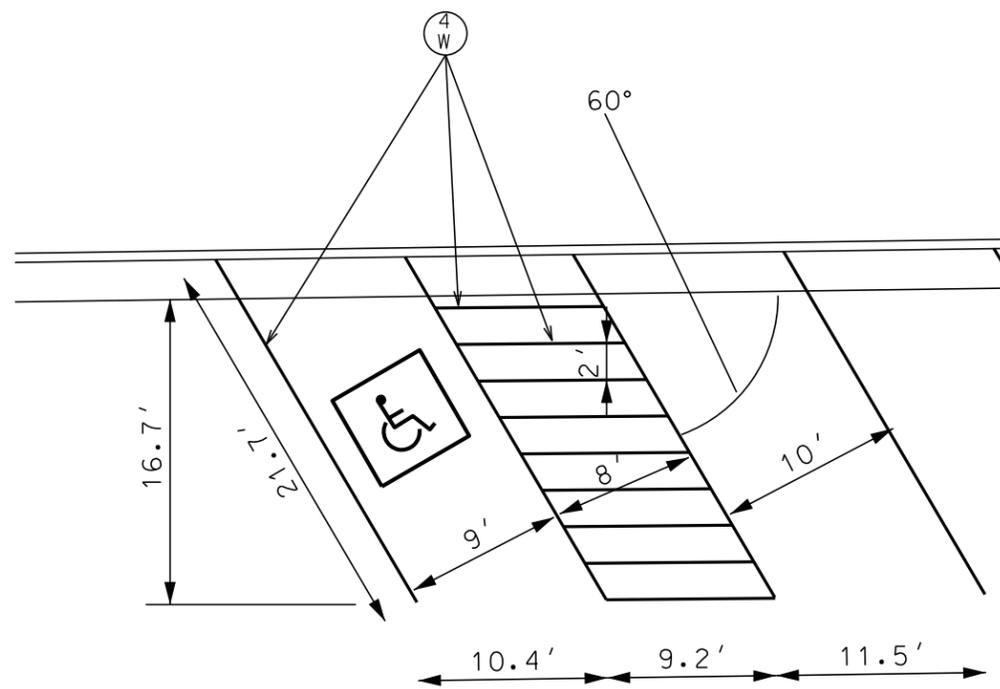
PLOTTED FROM - TRAB17882

FILE - ... \HYDE04E3\SECTION\5009PM.DGN

PAVEMENT MARKING DETAIL

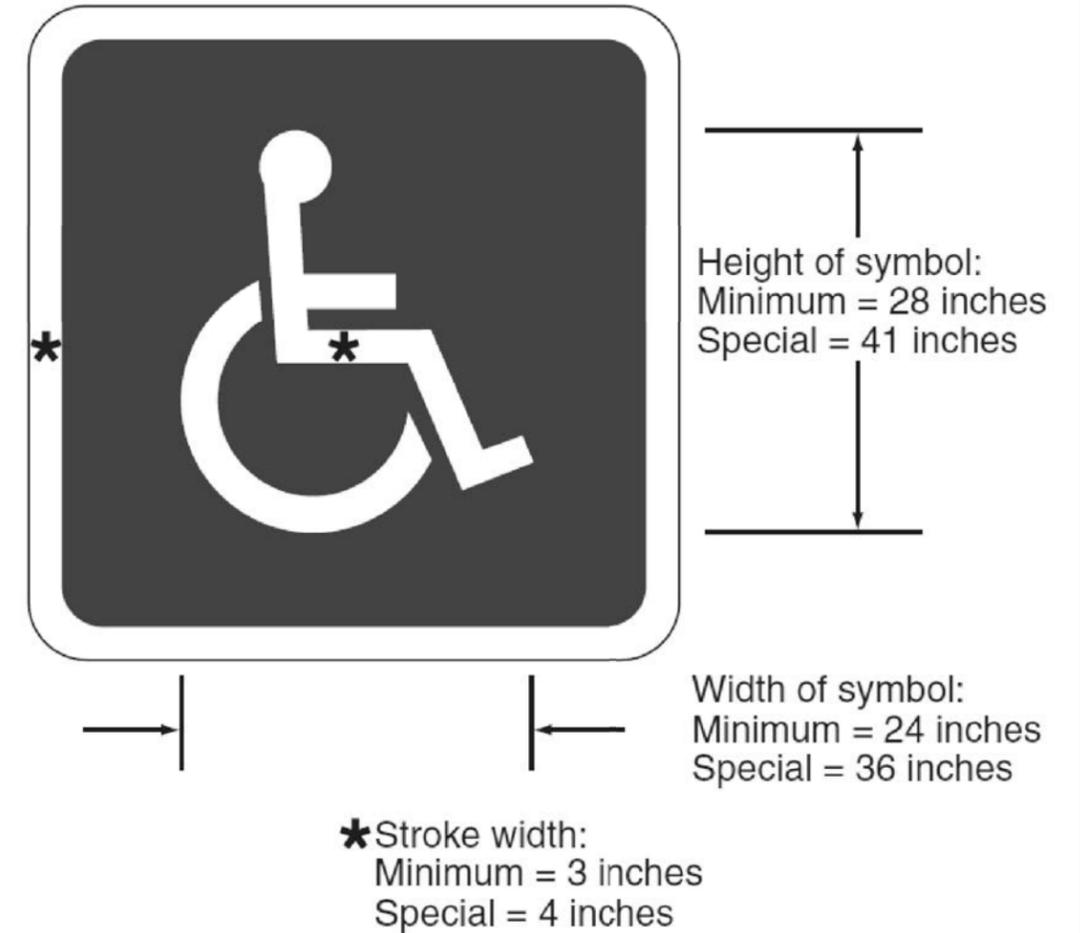
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	NH 0014(197)267 P 0045(53)1111	M22	M23
Plotting Date: 01/20/2015			

For Parking Stalls, Access Aisles and ADA Parking Stall Markings



ADA symbol shall be centered in the parking stall

ADA PARKING STALL SYMBOL DETAILS



Notes:

1. Size shall at least meet the minimum requirements listed above and be consistent throughout the projects.
2. Blue Background and White Border on Symbol are required.

