

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PH 0040(19)	1	18

Plotting Date: 02/24/2016

INDEX OF SHEETS

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STATE OF SOUTH DAKOTA
DEPARTMENT OF TRANSPORTATION

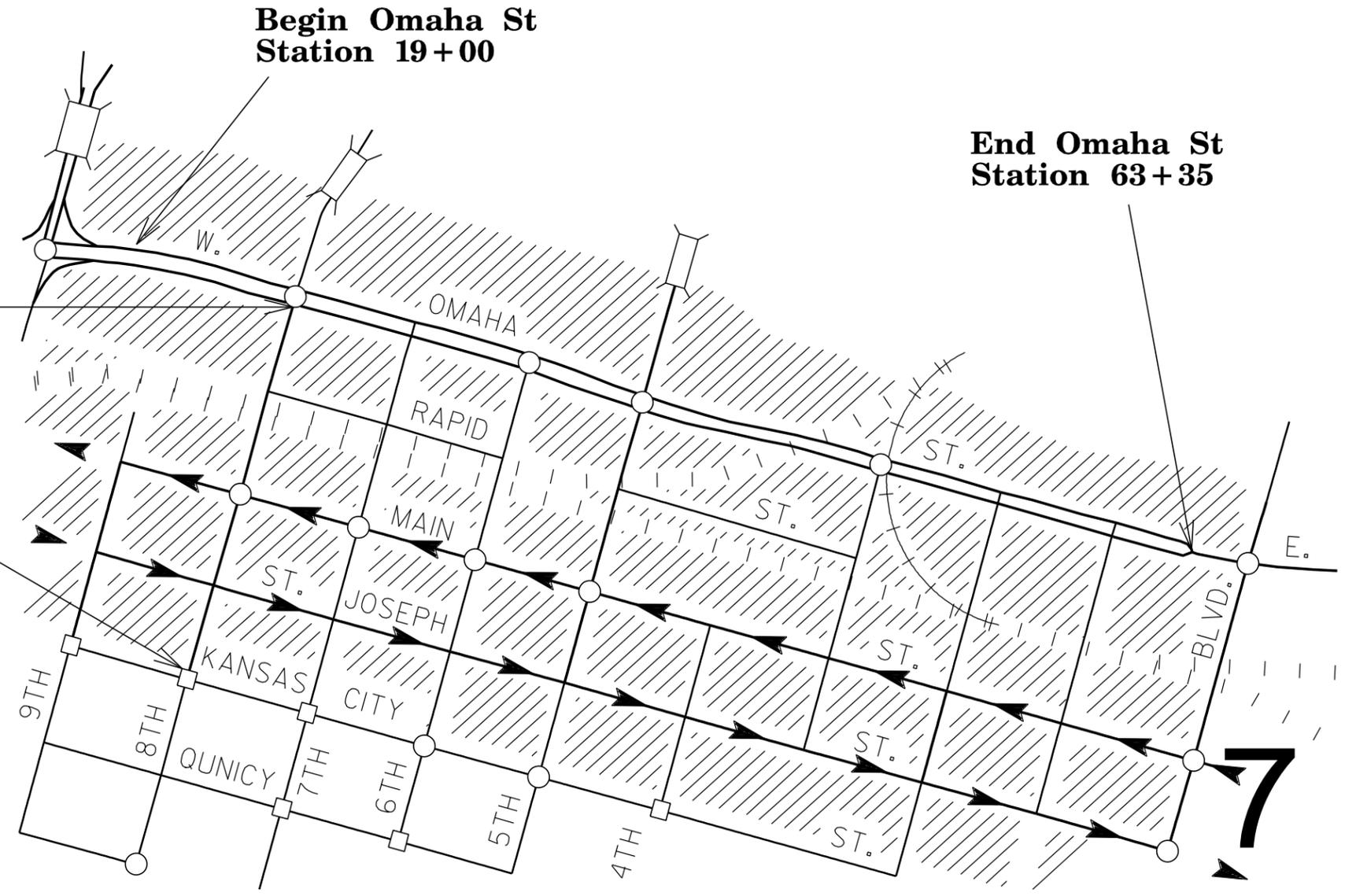
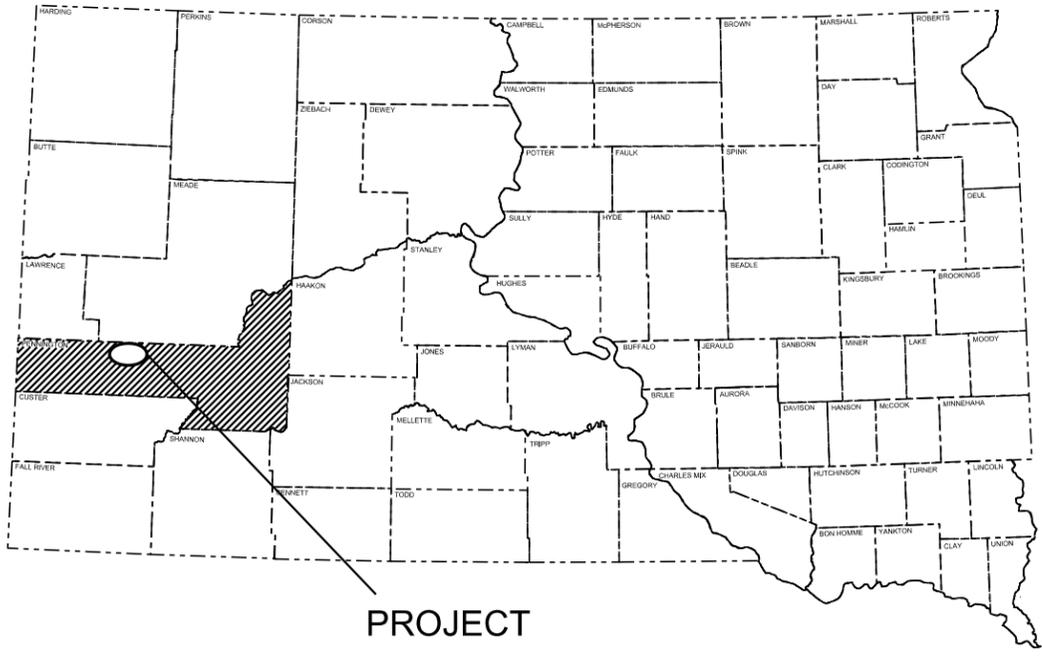
PLANS FOR PROPOSED
PROJECT PH 0040(19)

**SD Hwy 044 & 016 (Mt. Rushmore Rd)
(Omaha St & Mt. Rushmore Rd.)**

Pennington County

COLD APPLIED PLASTIC PAVEMENT MARKINGS
PCN 03B6

Plot Scale - 1:7600



Total Length = 6005 feet

STORM WATER PERMIT
(No Permit Required)

DESIGN DESIGNATION - SD44E

ADT (2014)	13290
ADT (2035)	23151
DHV	2870.7
d	50%
T DHV	2%
T ADT	4.4%

DESIGN DESIGNATION - SD44W

ADT (2014)	13301
ADT (2035)	23169
DHV	2873
d	50%
T DHV	2%
T ADT	4.4%

DESIGN DESIGNATION - SD016

ADT (2014)	17030
ADT (2035)	29666
DHV	4509.3
d	51%
T DHV	2.9%
T ADT	6.3%

Plotted From - trcs11628

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ESTIMATE OF QUANTITIES

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
009E0010	Mobilization	Lump Sum	LS
633E0010	Cold Applied Plastic Pavement Marking, 4"	16,596	Ft
633E0020	Cold Applied Plastic Pavement Marking, 8"	126	Ft
633E0030	Cold Applied Plastic Pavement Marking, 24"	125	Ft
633E0035	Cold Applied Plastic Pavement Marking, Area	264	SqFt
633E0040	Cold Applied Plastic Pavement Marking, Arrow	51	Each
633E0055	Cold Applied Plastic Pavement Marking, Railroad Crossing	18	Each
633E5050	Surface Preparation for Pavement Marking	16,847	Ft
633E5051	Surface Preparation for Pavement Marking	264	SqFt
633E5052	Surface Preparation for Pavement Marking	69	Each
634E0110	Traffic Control Signs	330	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0285	Type 3 Barricade, 8" Double Sided	2	Each
634E0420	Type C Advance Warning Arrow Board	3	Each
634E0565	Remove Pavement Marking, Arrow	5	Each
998E0100	Railroad Protective Insurance	Lump Sum	LS

ENVIRONMENTAL COMMITMENTS

An Environmental Commitment is a measure that SDDOT commits to implement in order to avoid, minimize, and/or mitigate a real or potential environmental impact. Environmental commitments to various agencies and the public have been made to secure approval of this project. An agency mentioned below with permitting authority can influence a project if perceived environmental impacts have not been adequately addressed. Unless otherwise designated, the Contractor's primary contact regarding matters associated with these commitments will be the Project Engineer. These environmental commitments are not subject to change without prior written approval from the SDDOT Environmental Office. The environmental commitments associated with this project are as follows:

COMMITMENT E: STORM WATER

Construction activities constitute less than 1 acre of disturbance.

Action Taken/Required:

At a minimum and regardless of project size, appropriate erosion and sediment control measures must be installed to control the discharge of pollutants from the construction site.

COMMITMENT H: WASTE DISPOSAL SITE

The Contractor shall furnish a site(s) for the disposal of construction and/or demolition debris generated by this project.

Action Taken/Required:

Construction and/or demolition debris may not be disposed of within the Public ROW.

The waste disposal site(s) shall be managed and reclaimed in accordance with the following from the General Permit for Construction/Demolition Debris Disposal Under the South Dakota Waste Management Program issued by the Department of Environment and Natural Resources.

The waste disposal site(s) shall not be located in a wetland, within 200 feet of surface water, or in an area that adversely affects wildlife, recreation, aesthetic value of an area, or any threatened or endangered species, as approved by the Project Engineer.

If the waste disposal site(s) is located such that it is within view of any ROW, the following additional requirements shall apply:

1. Construction and/or demolition debris consisting of concrete, asphalt concrete, or other similar materials shall be buried in a trench completely separate from wood debris. The final cover over the construction and/or demolition debris shall consist of a minimum of 1 foot of soil capable of supporting vegetation. Waste disposal sites provided outside of the Public ROW shall be seeded in accordance with Natural Resources Conservation Service recommendations. The seeding recommendations may be obtained through the appropriate County NRCS Office. The Contractor shall control the access to waste disposal sites not within the Public ROW through the use of fences, gates, and placement of a sign or signs at the entrance to the site stating "No Dumping Allowed".

2. Concrete and asphalt concrete debris may be stockpiled within view of the ROW for a period of time not to exceed the duration of the project. Prior to project completion, the waste shall be removed from view of the ROW or buried and the waste disposal site reclaimed as noted above.

The above requirements will not apply to waste disposal sites that are covered by an individual solid waste permit as specified in SDCL 34A-6-58, SDCL 34A-6-1.13, and ARSD 74:27:10:06.

Failure to comply with the requirements stated above may result in civil penalties in accordance with South Dakota Solid Waste Law, SDCL 34A-6-1.31.

All costs associated with furnishing waste disposal site(s), disposing of waste, maintaining control of access (fence, gates, and signs), and reclamation of the waste disposal site(s) shall be incidental to the various contract items.

COMMITMENT I: HISTORICAL PRESERVATION OFFICE CLEARANCES

The SDDOT has obtained concurrence with the State Historical Preservation Office (SHPO or THPO) for all work included within the project limits and all department designated sources and designated option material sources, stockpile sites, storage areas, and waste sites provided within the plans.

Action Taken/Required:

All earth disturbing activities not designated within the plans require review of cultural resources impacts. This work includes, but is not limited to: Contractor furnished material sources, material processing sites, stockpile sites, storage areas, plant sites, and waste areas.

The Contractor shall arrange and pay for a cultural resource survey and/or records search. The Contractor has the option to contact the state Archaeological Research Center (ARC) at 605-394-1936 or another qualified archaeologist, to obtain either a records search or a cultural resources survey. A record search might be sufficient for review; however, a cultural resources survey may need to be conducted by a qualified archaeologist.

The Contractor shall provide ARC with the following: a topographical map or aerial view on which the site is clearly outlined, site dimensions, project number, and PCN. If applicable, provide evidence that the site has been previously disturbed by farming, mining, or construction activities with a landowner statement that artifacts have not been found on the site.

The Contractor shall submit the records search or cultural resources survey report and if the location of the site is within the current geographical or historic boundaries of any South Dakota reservation to SDDOT Environmental Engineer, 700 East Broadway Avenue, Pierre, SD 57501-2586 (605-773-3180). SDDOT will submit the information to the appropriate SHPO/THPO. Allow **30 Days** from the date this information is submitted to the Environmental Engineer for SHPO/THPO review.

If evidence for cultural resources is uncovered during project construction activities, then such activities shall cease and the Project Engineer shall be immediately notified. The Project Engineer will contact the SDDOT Environmental Engineer in order to determine an appropriate course of action.

SHPO/THPO review does not relieve the Contractor of the responsibility for obtaining any additional permits and clearances for Contractor furnished material sources, material processing sites, stockpile sites, storage areas, plant sites, and waste areas that affect wetlands, threatened and endangered species, or waterways. The Contractor shall provide the required permits and clearances to the Project Engineer at the preconstruction meeting.

COMMITMENT K: RAPID CITY AREA AIR QUALITY CONTROL ZONE

Administrative Rule of South Dakota (ARSD) 74:36:18:03 states that "no state facility or state contractor may engage in any construction activity or continuous operation activity within the Rapid City air quality control zone which may cause fugitive emissions of particulate to be released into the ambient air without first obtaining a permit issued by the board or the secretary."

Construction activity is defined as any temporary activity at a state facility, which involves the removal or alteration of the natural or pre-existing cover of one acre or more of land. One acre of surface area is based on a cumulative area of disturbance to be completed for the entire project. Construction activity shall include, but not be limited to, stripping of topsoil, drilling, blasting, excavation, dredging, ditching, grading, street maintenance and repair, or earth moving. Construction activity is generally completed within one year. It also includes stockpiles, access roads, and disposal areas. An off-site disposal area of excess material will require an additional permit.

Action Taken/Required:

In order to be considered eligible for authorization to conduct a construction activity under the terms and conditions of this permit, the owner operator must submit a Notice of Intent (NOI) form. The form must be submitted to the address below at least seven business days prior to the anticipated date of beginning the construction activity.

South Dakota Department of Environment and Natural Resources Air Quality Program
523 East Capitol, Joe Foss Building
Pierre, SD 57501-3181
Phone: 605-773-3151

COMMITMENT K: RAPID CITY AREA AIR QUALITY CONTROL ZONE (CONTINUED)

The permit requires the Contractor to use reasonably available technology to control fugitive dust emissions. The Contractor is required to use control measures for track out, paved areas, unpaved roads, unpaved parking lots, disturbed areas, and for material handling and storage. The control measures that the Contractor is required to use are listed in the permit.

WORK DESCRIPTION

Work on this project consists of applying Cold Applied Plastic pavement markings on Omaha Street from I-190 to East North Street and on 8th Street from Omaha Street to Kansas Street.

All surfaces have existing markings and the Contractor is encouraged to review all routes prior to bidding. Crosswalks and Stop bars are excluded from this project.

COORDINATION WITH NH 0016(79)68, PCN (027C) – KANSAS CITY STREET TO OMAHA STREET

An Urban Grading, Storm Sewer, C&G, Sidewalk, Lighting, Signals & PCC Surfacing from St. James to Kansas City street; Minor Joint & Spall Repair from Kansas City St. to Omaha St. The Contractor on this project shall coordinate with the Contractor on the NH 0016(79)68 project so that the pavement markings can be installed during the work on NH 0016(79)68 – Kansas City Street to Omaha Street to minimize the number of lane closures for traffic control and traffic control signing. Coordination between the two Contractors will be necessary to assure project completion. See special provisions for contract time.

COLD APPLIED PLASTIC PAVEMENT MARKING

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

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

SURFACE PREPARATION FOR PAVEMENT MARKING

The Contractor shall prepare the pavement surface prior to applying the durable pavement marking in accordance with the following.

In areas where the existing groove meets the required depth and existing markings are still in place, the Contractor shall clean the existing groove without adding additional depth beyond the required depth for the new pavement marking, including reflective media as noted below.

Description	Specification	Tolerance
Depth of Groove	Marking Thickness ¹ + 15 mils	+ 5 mils

¹ Marking thickness shall include the thickness of marking material and reflective media.

The cleaning shall result in the existing pavement marking being adequately scuffed, abraded, and removed by light grinding or abrasive blasting or both

to allow proper adhesion of the new durable pavement marking as per the manufacturer's recommendations to comply with product warranties. Existing grooves not meeting the required depth shall be re-grooved to the required depth for the new pavement marking, including reflective media. Equipment for grooving shall be capable of the following:

- Grooving the total width of the groove in one pass or uniform depths with multiple passes.
- Grooving without causing damage to the pavement joints or joint sealant material.
- Provide uniform alignment and depth.
- Moving continuously to permit a mobile traffic work operation.

All costs associated with cleaning of the existing groove, including re-grooving, if needed, shall be included in the contract unit price per foot, per square foot, and per each for "Surface Preparation for Pavement Marking".

REMOVE PAVEMENT MARKING, ARROW

Removal of existing pavement marking arrows shall be accomplished without causing damage to the pavement, pavements joints, or sealant (Contractor shall repair any damages for no additional payment and at no cost to the State). All costs for materials, labor, and equipment necessary to remove the existing arrows shall be incidental to the contract unit price per each for Remove Pavement Marking, Arrow.

5 Arrows shall be removed in the Omaha dual left turn lanes onto 5th street. New arrow locations shall be installed as per plan layout for this interstecction.

SEQUENCE OF OPERATIONS

The Contractor shall maintain traffic in accordance with applicable MUTCD Standards, Section 4.4 and 634 of the Specifications, and the details shown in these plans.

Construction operations shall be conducted in the general direction of traffic movement. Work activities shall be confined to 1/2 width (one - 12 ft lane) of the roadway leaving the adjoining lane open to traffic.

Construction work areas shall be limited in length to what the Contractor can groove and tape in a day's production. All centerline markings shall be in place prior to nightfall.

TRAFFIC CONTROL

Each construction work area shall be individually signed throughout the entire length of the construction work area.

Resetting, temporary relocation, and/or covering of existing or conflicting traffic control devices as necessary to adequately maintain traffic or perform the work, shall be the responsibility of the Contractor. This work shall be included in the contract lump sum price for Traffic Control, Miscellaneous.

Contractor employees should mobilize at a location off the right-of-way and arrive at the work sites in a minimum number of vehicles necessary to perform the work.

No overnight lane closures will be allowed.

The Contractor shall have temporary flexible vertical markers (tabs) on hand to mark skip lines in the case of an unforeseen event that prevents

reapplication of markings prior to nightfall. All cost for materials, labor, and equipment necessary to furnish and install the temporary flexible vertical markers (tabs) shall be incidental to contract lump sum price for Traffic Control, Miscellaneous.

During non-working hours, all materials and equipment shall be stored a minimum of 30 feet from the traveled lanes.

ITEMIZED LIST FOR TRAFFIC CONTROL SIGNS

SIGN CODE	SIGN DESCRIPTION	CONVENTIONAL ROAD			
		NUMBER	SIGN SIZE	SQFT PER SIGN	SQFT
R3-7R	RIGHT LANE MUST TURN RIGHT	2	30" x 30"	6	12
R3-7L	LEFT LANE MUST TURN LEFT	2	30" x 30"	6	12
W4-2	LEFT or RIGHT LANE ENDS (symbol)	2	48" x 48"	16	32
W9-3	CENTER LANE CLOSED AHEAD	3	48" x 48"	16	48
W12-1	DOUBLE ARROW	1	30" x 30"	6	6
W20-1	ROAD WORK AHEAD	9	48" x 48"	16	144
W20-5	LEFT or RIGHT LANE CLOSED AHEAD	3	48" x 48"	16	48
G20-2	END ROAD WORK	8	36" x 18"	5	40
CONVENTIONAL ROAD TRAFFIC CONTROL SIGNS SQFT					342

TYPE 3 BARRICADES

ITEM DESCRIPTION	QUANTITY
Type 3 Barricade, 8' Single Sided	2 Each

ARROW BOARDS

ITEM DESCRIPTION	QUANTITY
Type C Arrow Board	3 Each

PAVEMENT MARKING LAYOUT

OMAHA STREET

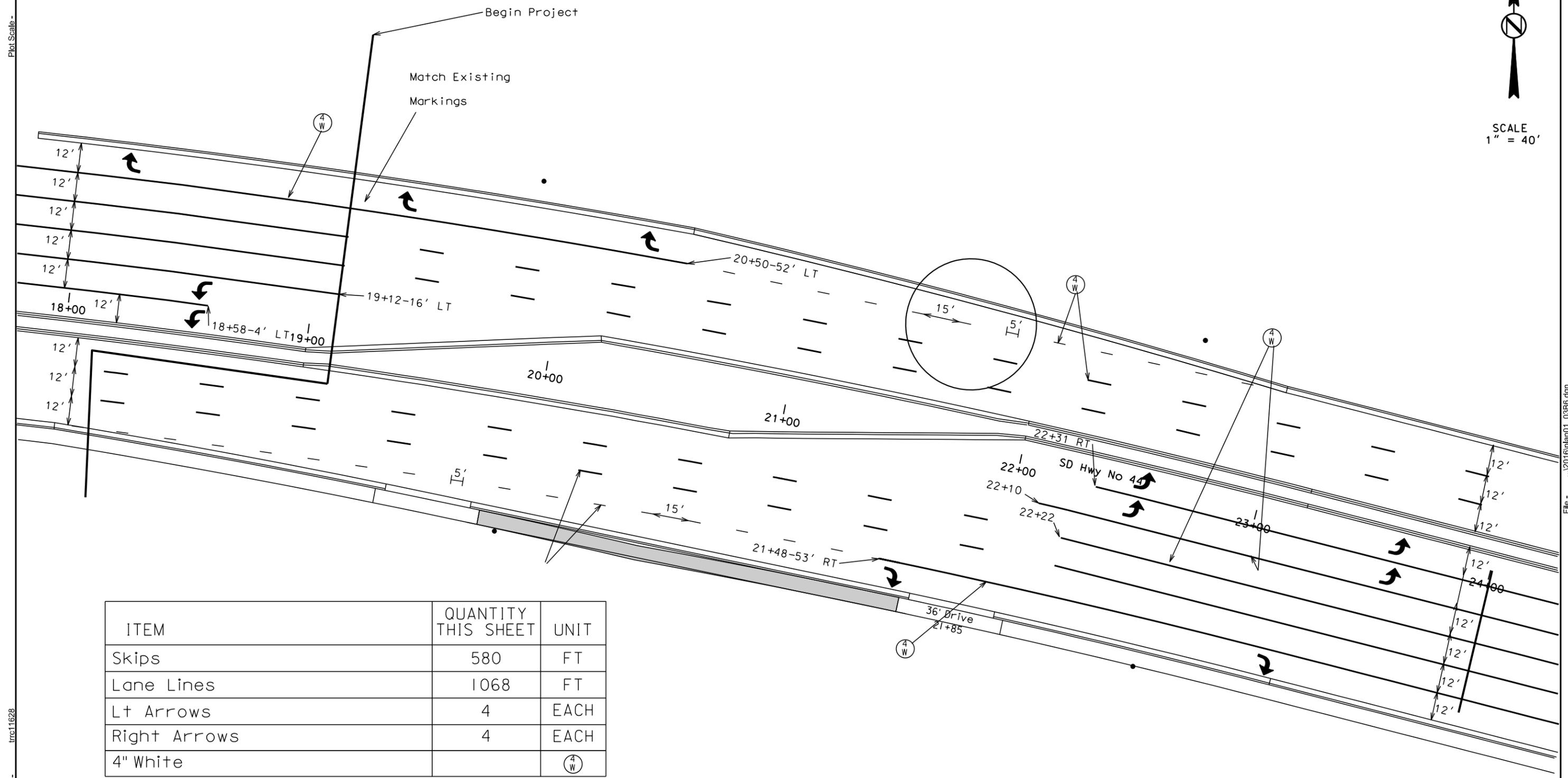
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PH 0040(19)	4	18
Plotting Date: 02/24/2016			



SCALE
1" = 40'

Plot Scale - 1:40

Plotted From - trrs11628



ITEM	QUANTITY THIS SHEET	UNIT
Skips	580	FT
Lane Lines	1068	FT
Lt Arrows	4	EACH
Right Arrows	4	EACH
4" White		(4 W)

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PAVEMENT MARKING LAYOUT

EIGHTH & OMAHA STREET

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PH 0040(19)	5	18

Plotting Date: 02/24/2016

Crosswalks and stopbars are not included in this project. An ADA curb/ramp upgrade (PCN 04TG) is scheduled for 2018.

ITEM	QUANTITY THIS SHEET	UNIT
Skips	260	FT
Lane Lines	1684	FT
Lt Arrows	8	EACH
Right Arrows	1	EACH
8" x 2' White Skips- 6' Inbetween	72	FT
Double Yellow	42	FT
4" White		(4 W)
4" Double Yellow		(4 Y)

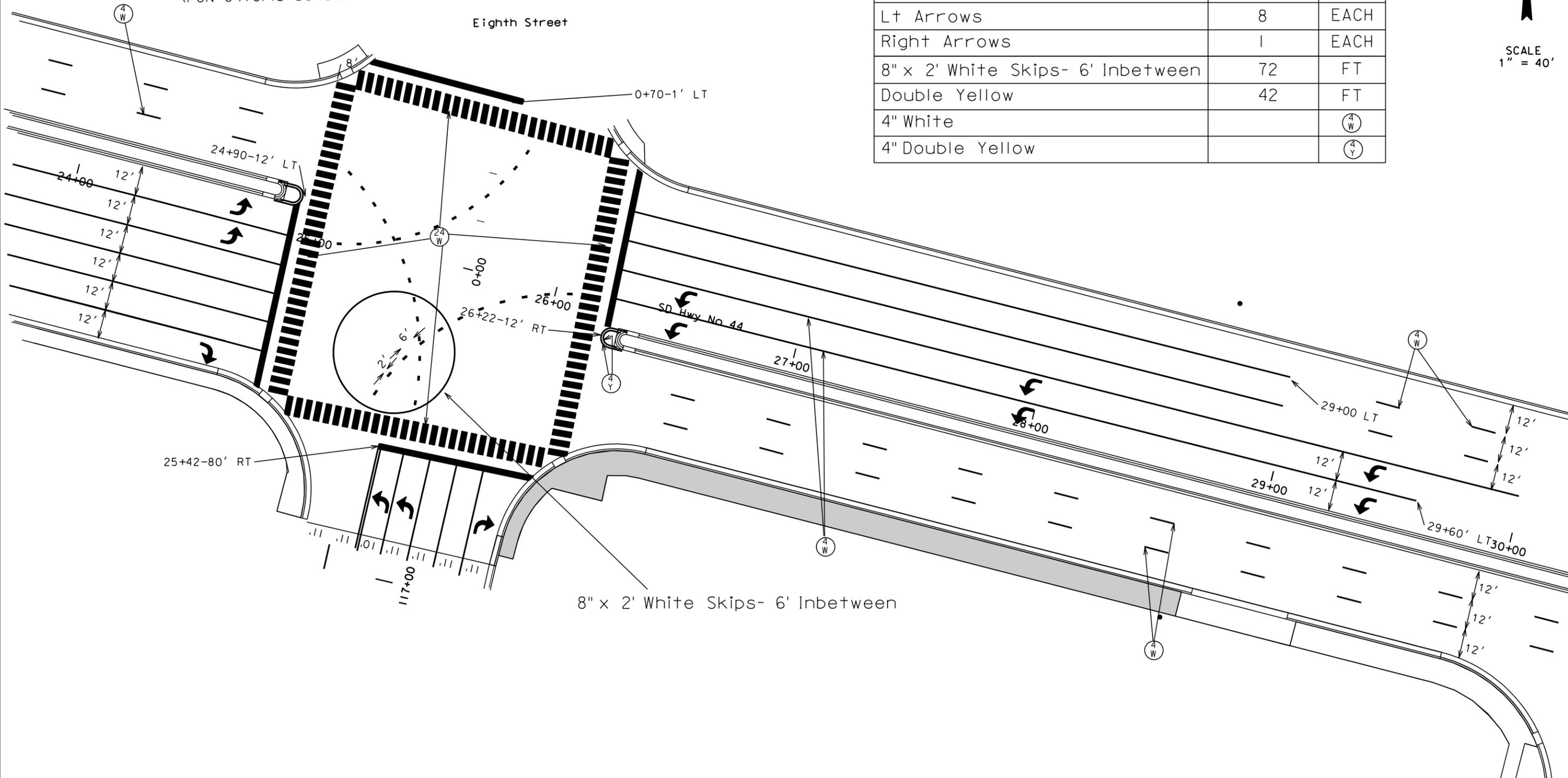


SCALE
1" = 40'

Plot Scale - 1:40

Plotted From - trcs11628

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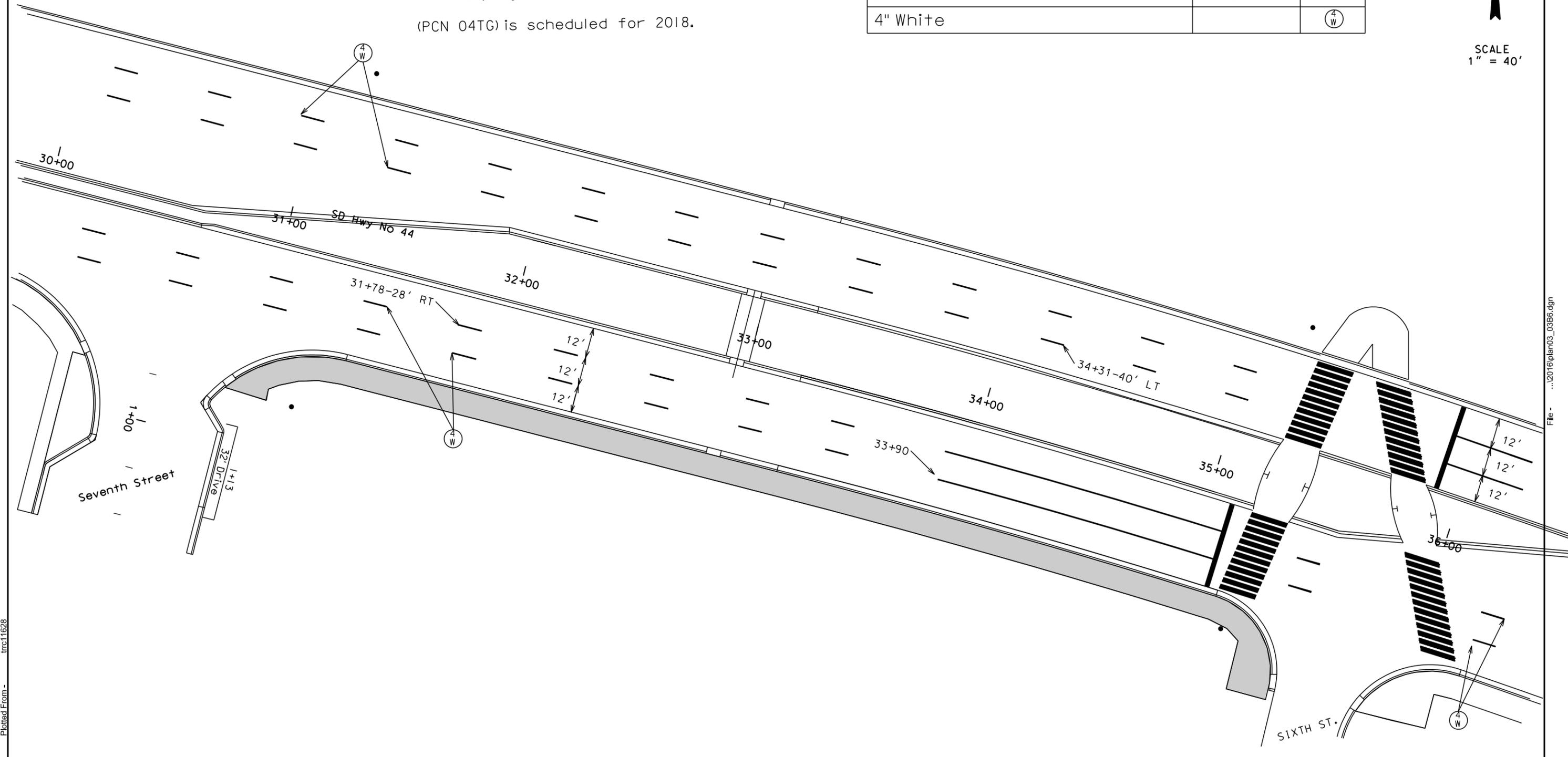
PAVEMENT MARKING LAYOUT

OMAHA STREET

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PH 0040(19)	6	18
Plotting Date: 02/24/2016			

Crosswalks and stopbars are not included in this project. An ADA curb/ramp upgrade (PCN 04TG) is scheduled for 2018.

ITEM	QUANTITY THIS SHEET	UNIT
Skips	440	FT
Lane Lines	260	FT
4" White		(4 W)



Plot Scale - 1:40

Plotted From - trrc11628

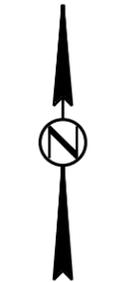
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PAVEMENT MARKING LAYOUT

OMAHA STREET & FIFTH

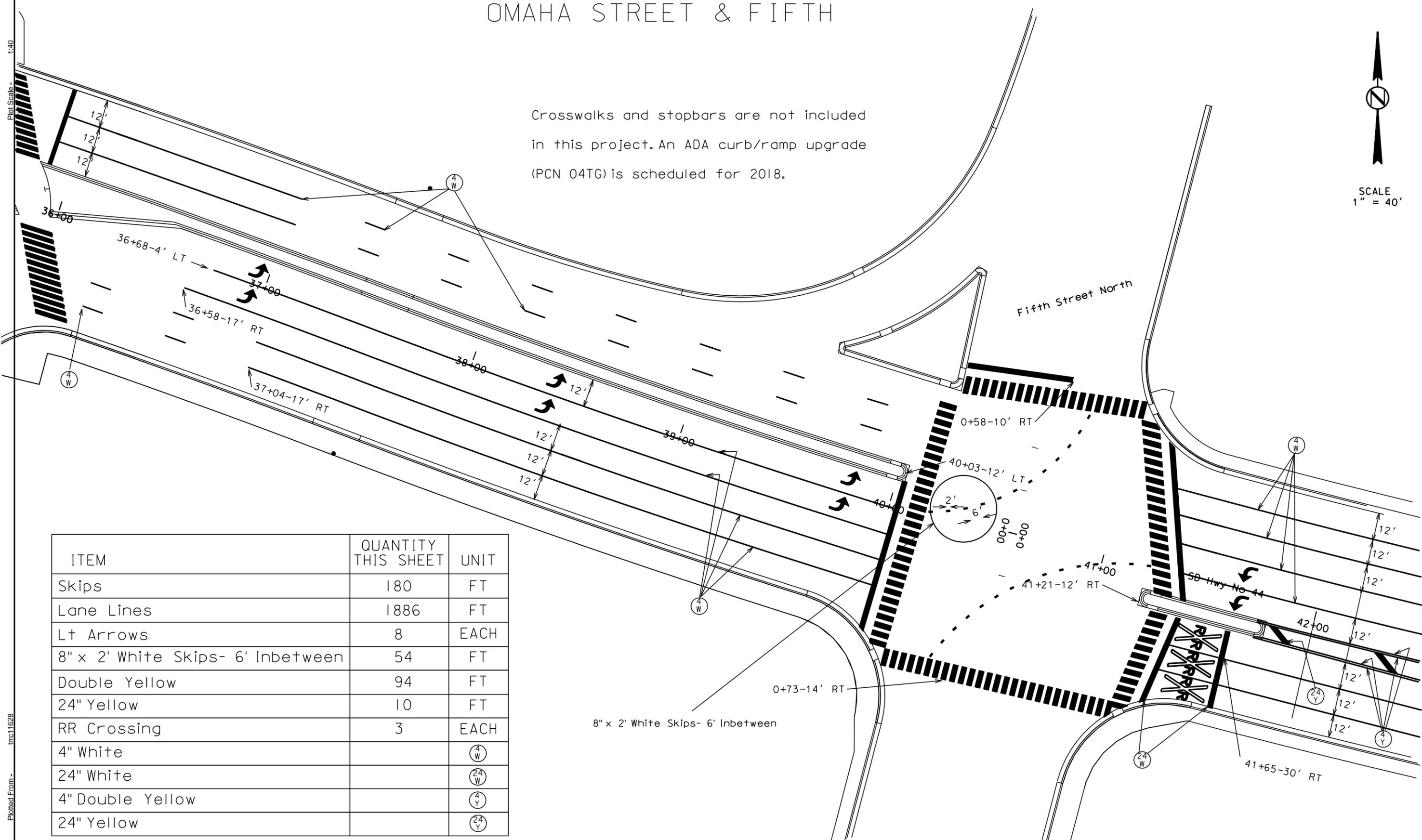
STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PH 0040(19)	7	18

Plotting Date: 02/24/2016



SCALE
1" = 40'

Crosswalks and stopbars are not included in this project. An ADA curb/ramp upgrade (PCN 04TG) is scheduled for 2018.



ITEM	QUANTITY THIS SHEET	UNIT
Skips	180	FT
Lane Lines	1886	FT
Lt Arrows	8	EACH
8" x 2' White Skips- 6' Inbetween	54	FT
Double Yellow	94	FT
24" Yellow	10	FT
RR Crossing	3	EACH
4" White		(4 W)
24" White		(24 W)
4" Double Yellow		(4 Y)
24" Yellow		(24 Y)

Plot Scale - 1:40

Plotted From - irrc11628

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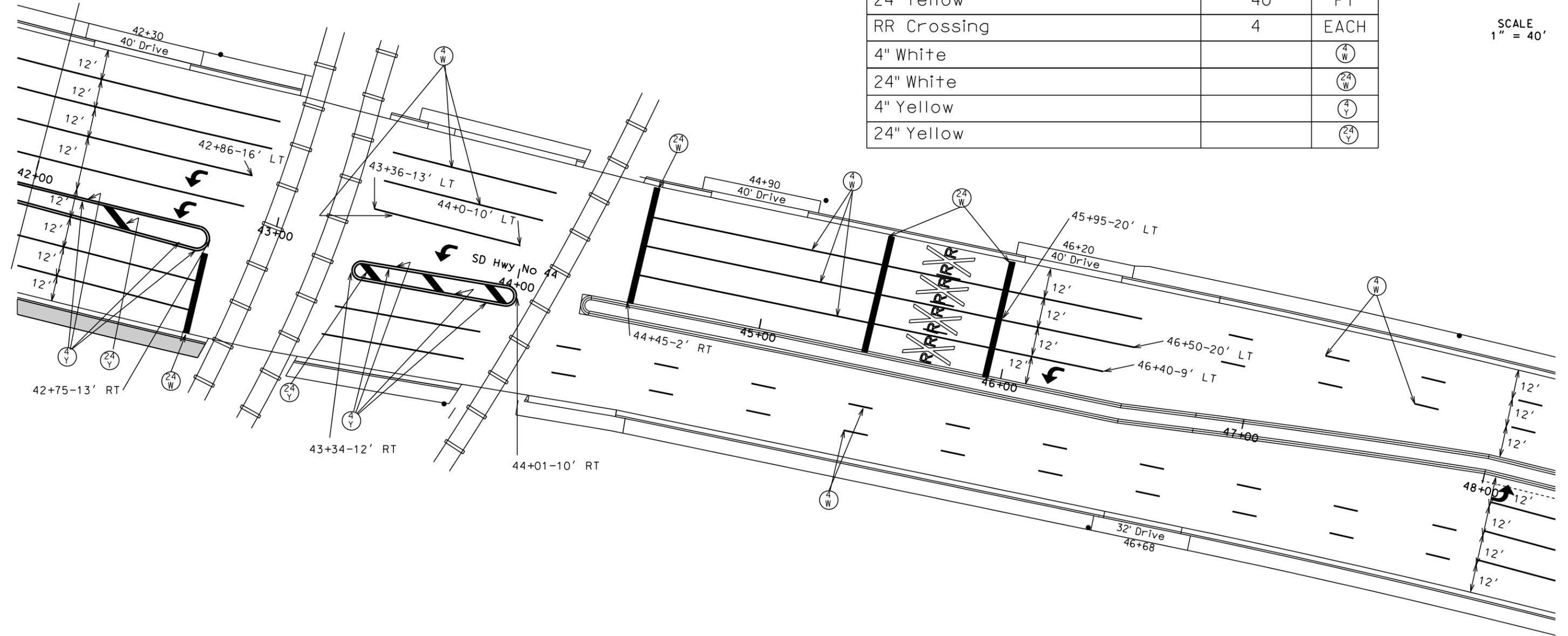
PAVEMENT MARKING LAYOUT

OMAHA STREET

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PH 0040(19)	8	18
Plotting Date:		02/24/2016	

Crosswalks and stopbars are not included in this project. An ADA curb/ramp upgrade (PCN 04TG) is scheduled for 2018. Stopbars for Railroad Crossing will be included.

ITEM	QUANTITY THIS SHEET	UNIT
Skips	260	FT
Lane Lines	1392	FT
Lt Arrows	4	EACH
Double Yellow	612	FT
24" Yellow	40	FT
RR Crossing	4	EACH
4" White		(4 W)
24" White		(24 W)
4" Yellow		(4 Y)
24" Yellow		(24 Y)



Plot Scale - 1:40

Plotted From - trrs11628

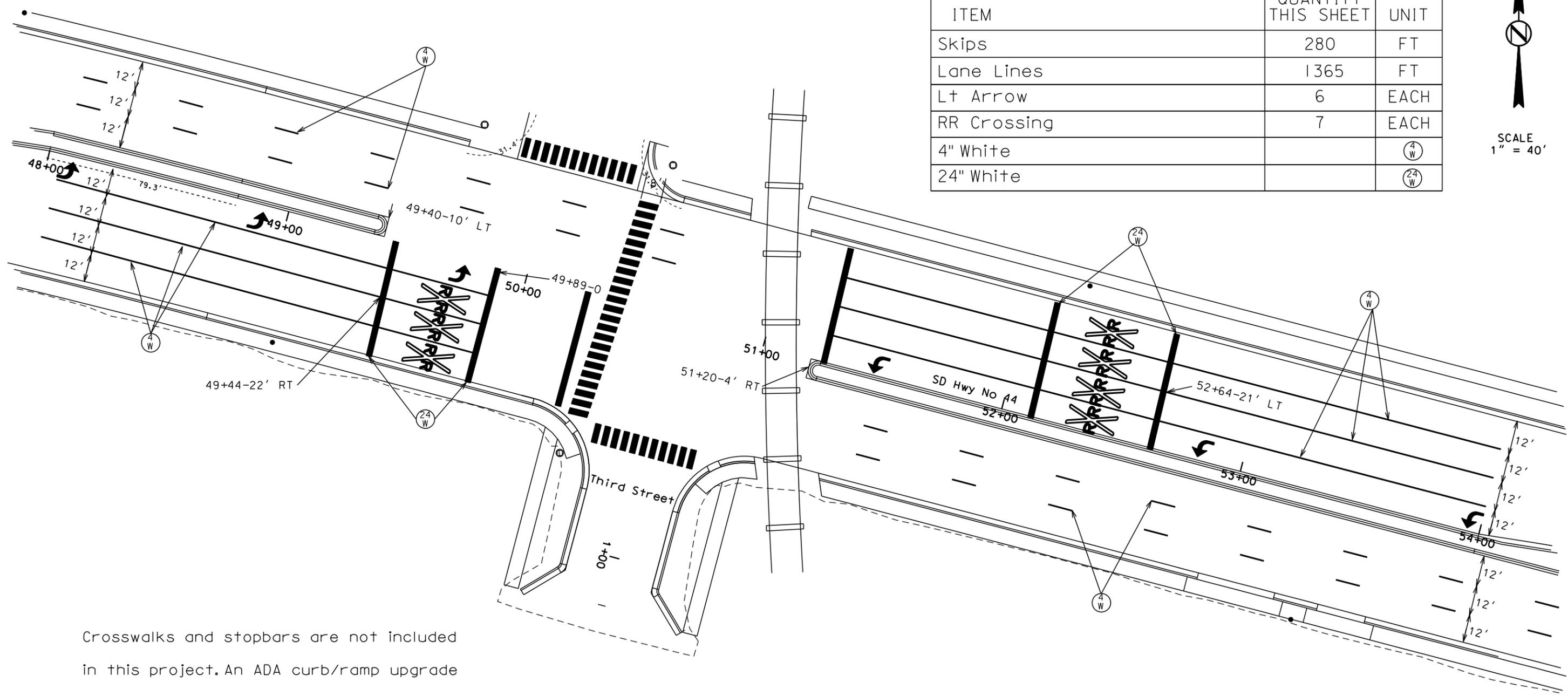
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PAVEMENT MARKING LAYOUT

OMAHA STREET

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PH 0040(19)	9	18
Plotting Date: 02/24/2016			

ITEM	QUANTITY THIS SHEET	UNIT
Skips	280	FT
Lane Lines	1365	FT
Lt Arrow	6	EACH
RR Crossing	7	EACH
4" White		(4 W)
24" White		(24 W)

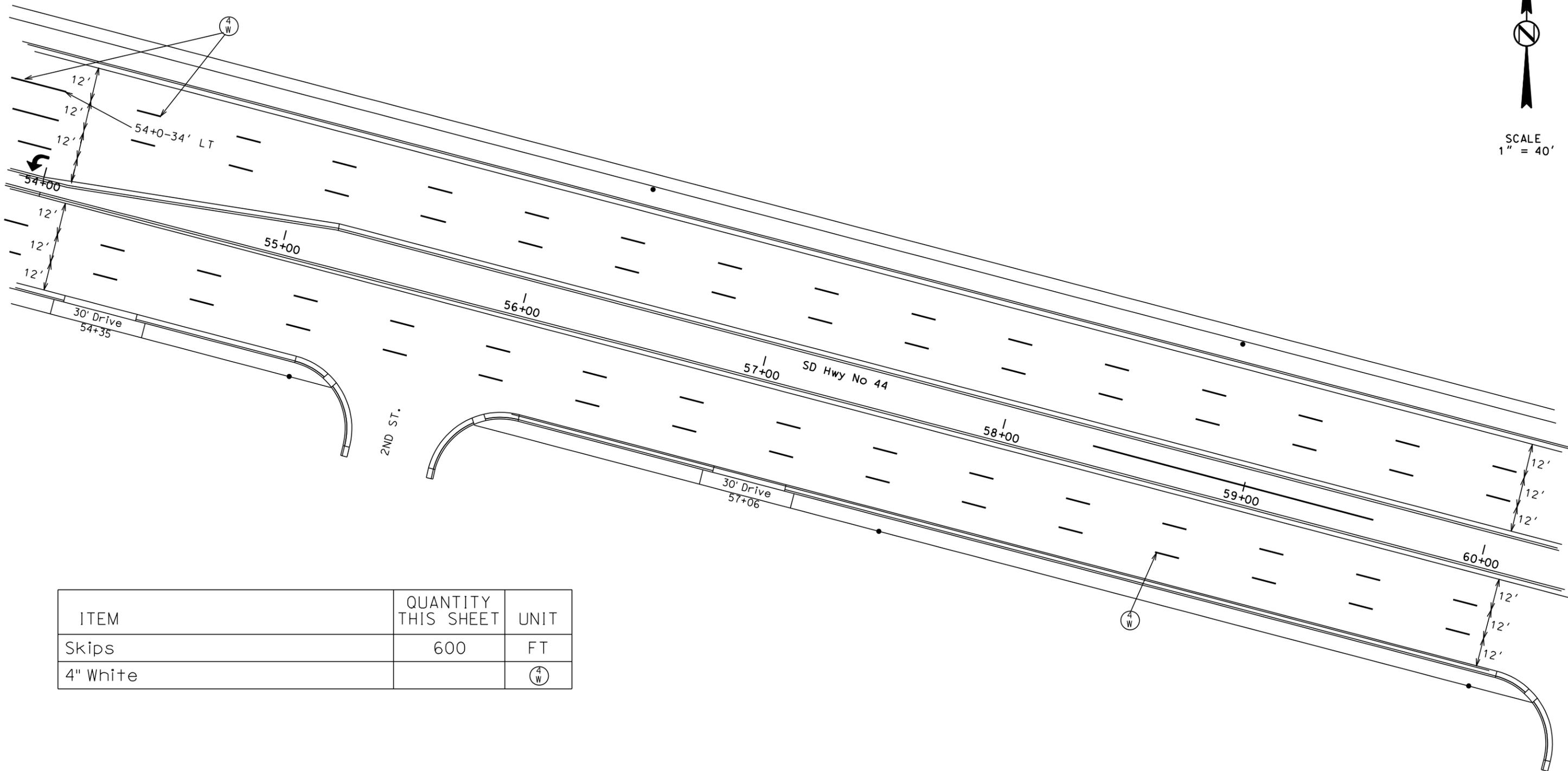


Crosswalks and stopbars are not included in this project. An ADA curb/ramp upgrade (PCN 04TG) is scheduled for 2018. Stopbars for Railroad Crossing will be included.

PAVEMENT MARKING LAYOUT

OMAHA STREET

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PH 0040(19)	10	18
Plotting Date: 02/24/2016			



ITEM	QUANTITY THIS SHEET	UNIT
Skips	600	FT
4" White		(4 W)

Plot Scale - 1:40

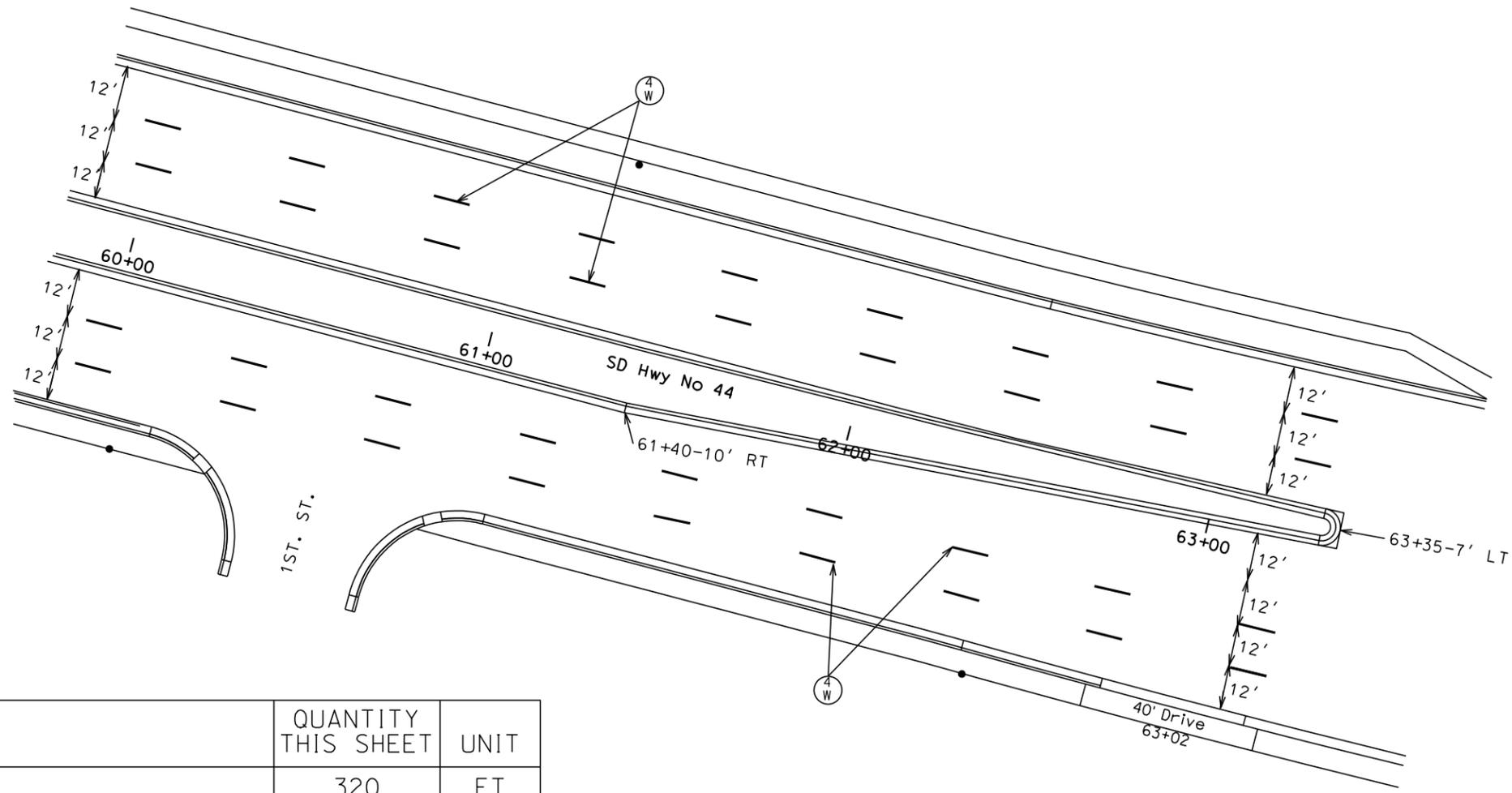
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PAVEMENT MARKING LAYOUT

OMAHA STREET

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PH 0040(19)	11	18
Plotting Date:		02/24/2016	



ITEM	QUANTITY THIS SHEET	UNIT
Skips	320	FT
4" White		(4 W)

Plot Scale - 1:40

Plotted From - trc11628

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PAVEMENT MARKING LAYOUT

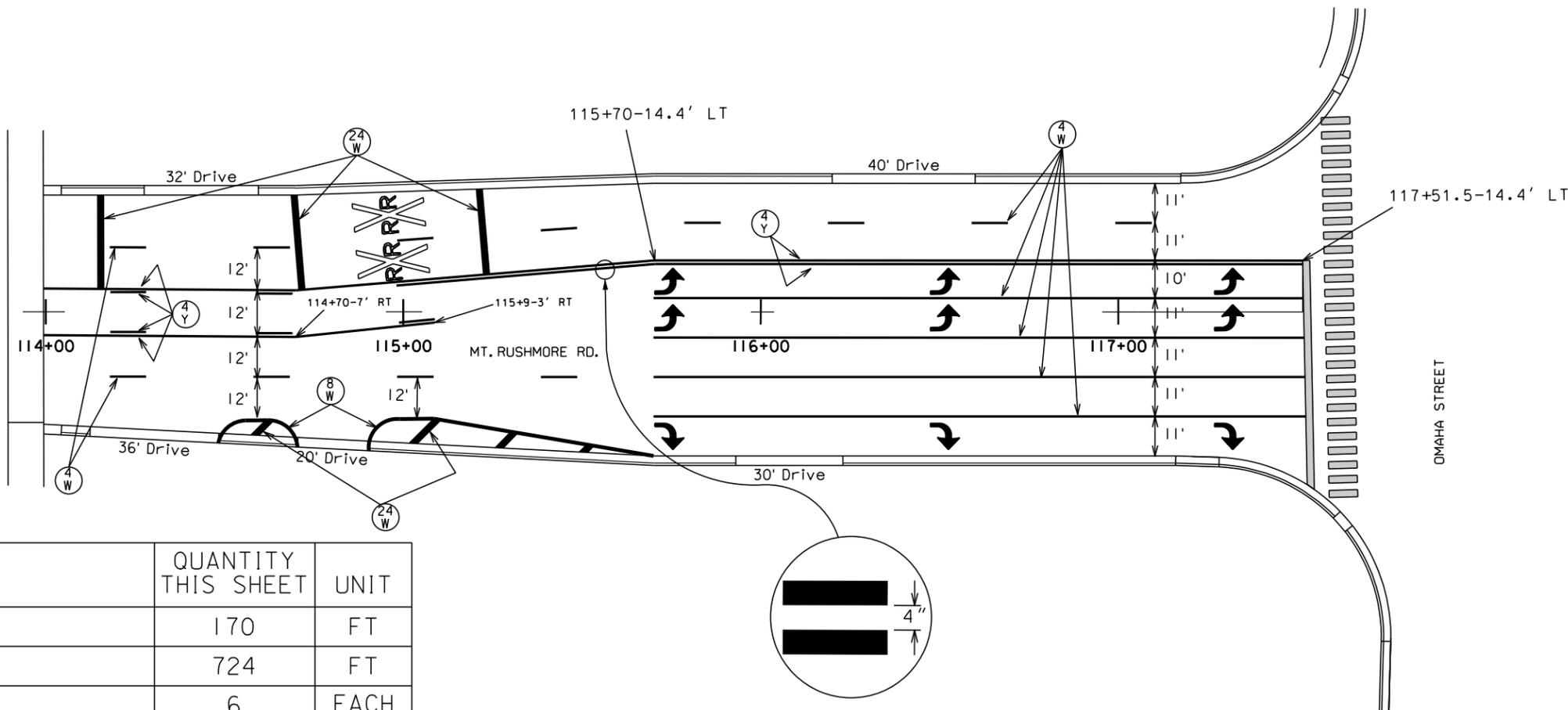
8th Street

STATE OF SOUTH DAKOTA	PROJECT PH 0040(19)	SHEET 12	TOTAL SHEETS 18
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Plotting Date: 02/24/2016



Crosswalks and stopbars are not included in this project. But stop bars for Railroad Crossings will be included.



ITEM	QUANTITY THIS SHEET	UNIT
Total Skips	170	FT
Lane Lines	724	FT
Lt Arrows	6	EACH
Rt Arrows	3	EACH
Double Yellow	506	FT
Single Yellow	216	FT
8" White	114	FT
24" White	22	FT
RR Crossing	2	EACH
4" White		(4 W)
8" White		(8 W)
24" White		(24 W)
4" Yellow		(4 Y)

Plot Scale - 1:40

Plotted From - trcs11628

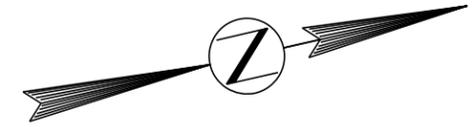
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PAVEMENT MARKING LAYOUT

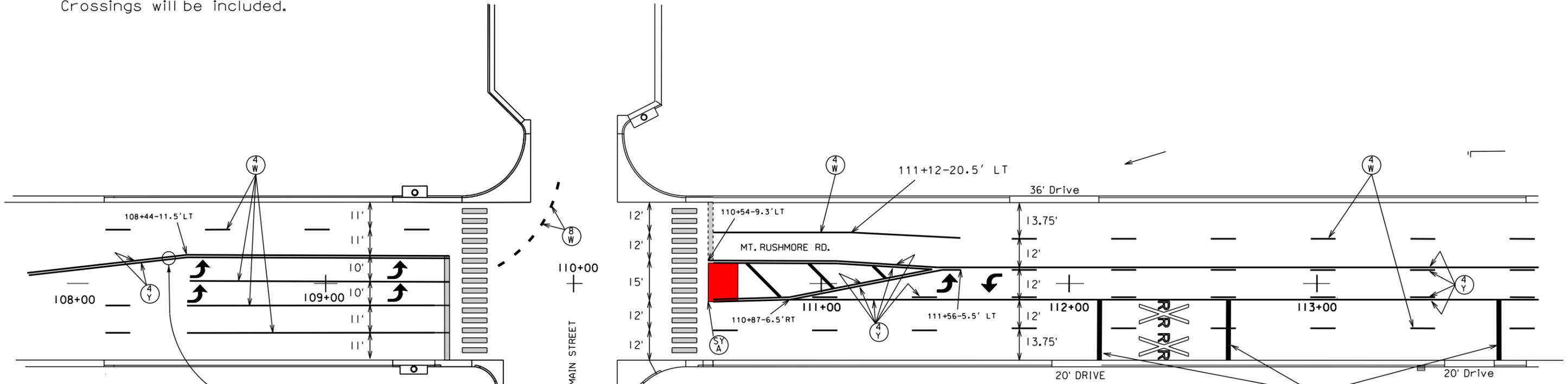
8th Street

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PH 0040(19)	13	18

Plotting Date: 02/24/2016



Crosswalks and stopbars are not included in this project. But stop bars for Railroad Crossings will be included.



ITEM	QUANTITY THIS SHEET	UNIT
Total Skips	330	FT
Lane Lines	412	FT
Lt Arrows	5	EACH
Rt Arrows	1	EACH
Double Yellow	706	FT
Single Yellow	544	FT
Yellow Area	180	SQFT
RR Crossing	2	EACH
4" White		(4 W)
8" x 2" White Skips- 6' Inbetween	18 FT	(8 W)
24" White		(24 W)
4" Yellow		(4 Y)
Single Yellow Area		(SY A)

Plot Scale - 1:40

Plotted From - trcs11628

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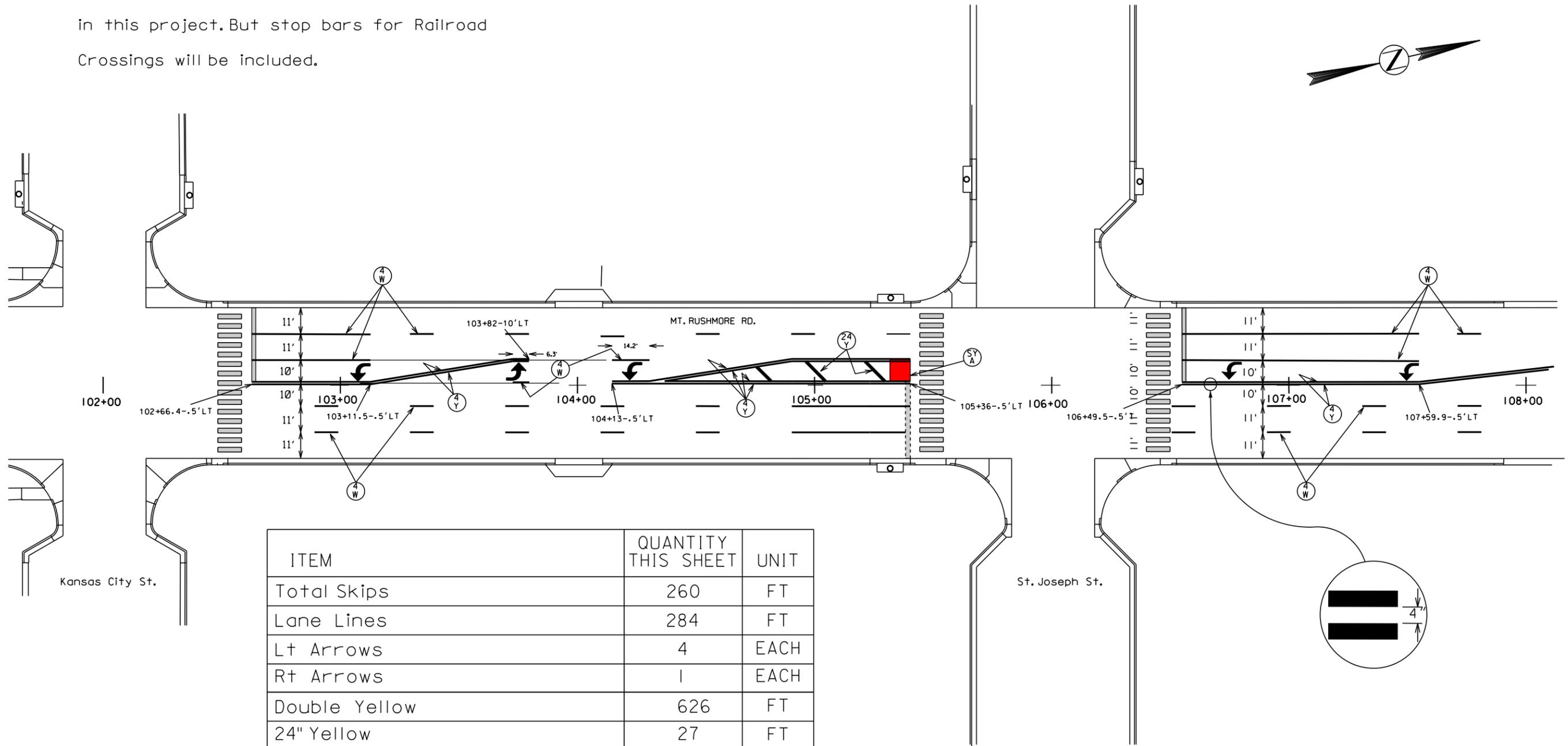
PAVEMENT MARKING LAYOUT

8th Street

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PH 0040(19)	14	18

Plotting Date: 02/24/2016

Crosswalks and stopbars are not included in this project. But stop bars for Railroad Crossings will be included.



ITEM	QUANTITY THIS SHEET	UNIT
Total Skips	260	FT
Lane Lines	284	FT
Lt Arrows	4	EACH
Rt Arrows	1	EACH
Double Yellow	626	FT
24" Yellow	27	FT
Yellow Area	180	SQFT
4" White		(4 W)
4" Yellow		(4 Y)
Single Yellow Area		(SY A)

Plot Scale - 1:40

Plotted From - trcs11628

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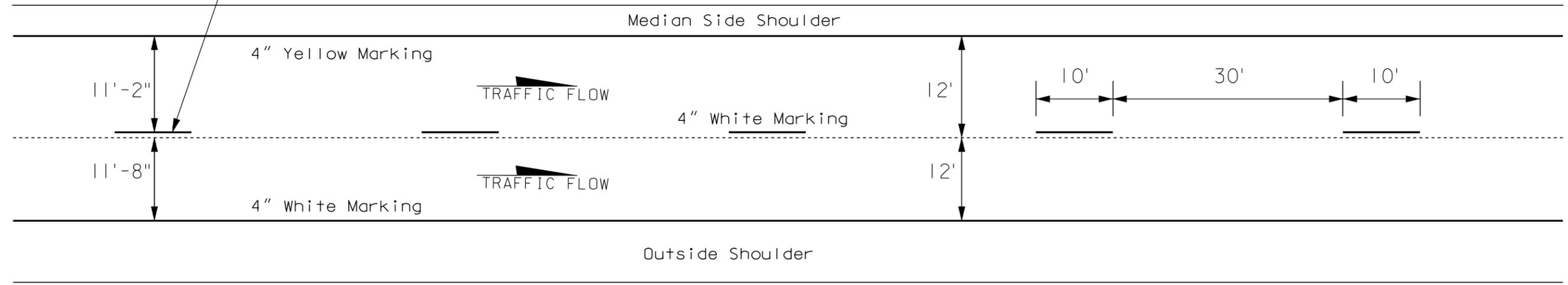
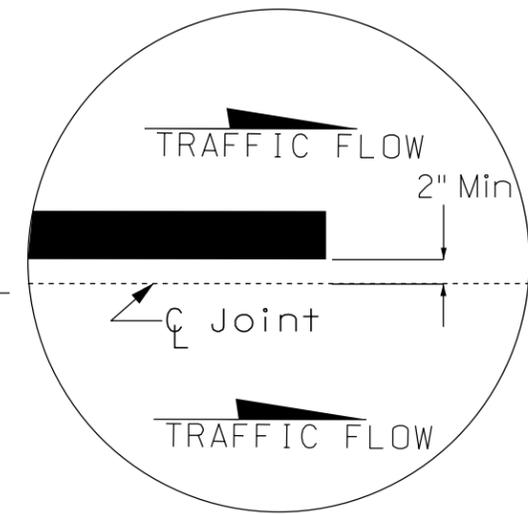
PAVEMENT MARKING LAYOUT

(TYPICAL 4-LANE DIVIDED)

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	PH 0040(19)	15	18
Plotting Date: 02/24/2016			

Plot Scale - 1:200

Plotted From - trcs11628

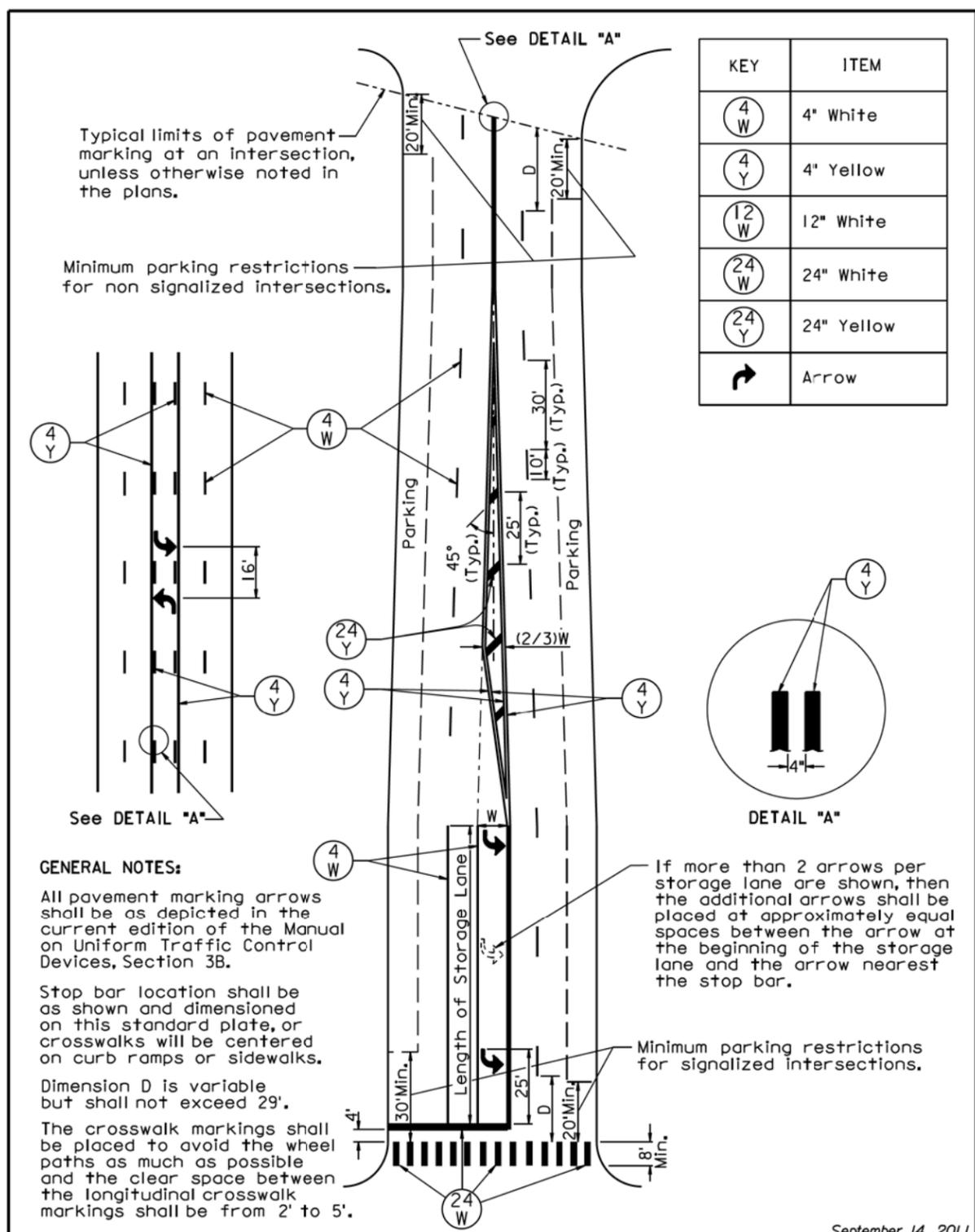


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Plotting Date: 02/24/2016

PLOT SCALE - 1:200

PLOT NAME - 16
FILE - ... \2016\0386-STOPPLATES1.DGN



GENERAL NOTES:

All pavement marking arrows shall be as depicted in the current edition of the Manual on Uniform Traffic Control Devices, Section 3B.

Stop bar location shall be as shown and dimensioned on this standard plate, or crosswalks will be centered on curb ramps or sidewalks.

Dimension D is variable but shall not exceed 29'.

The crosswalk markings shall be placed to avoid the wheel paths as much as possible and the clear space between the longitudinal crosswalk markings shall be from 2' to 5'.

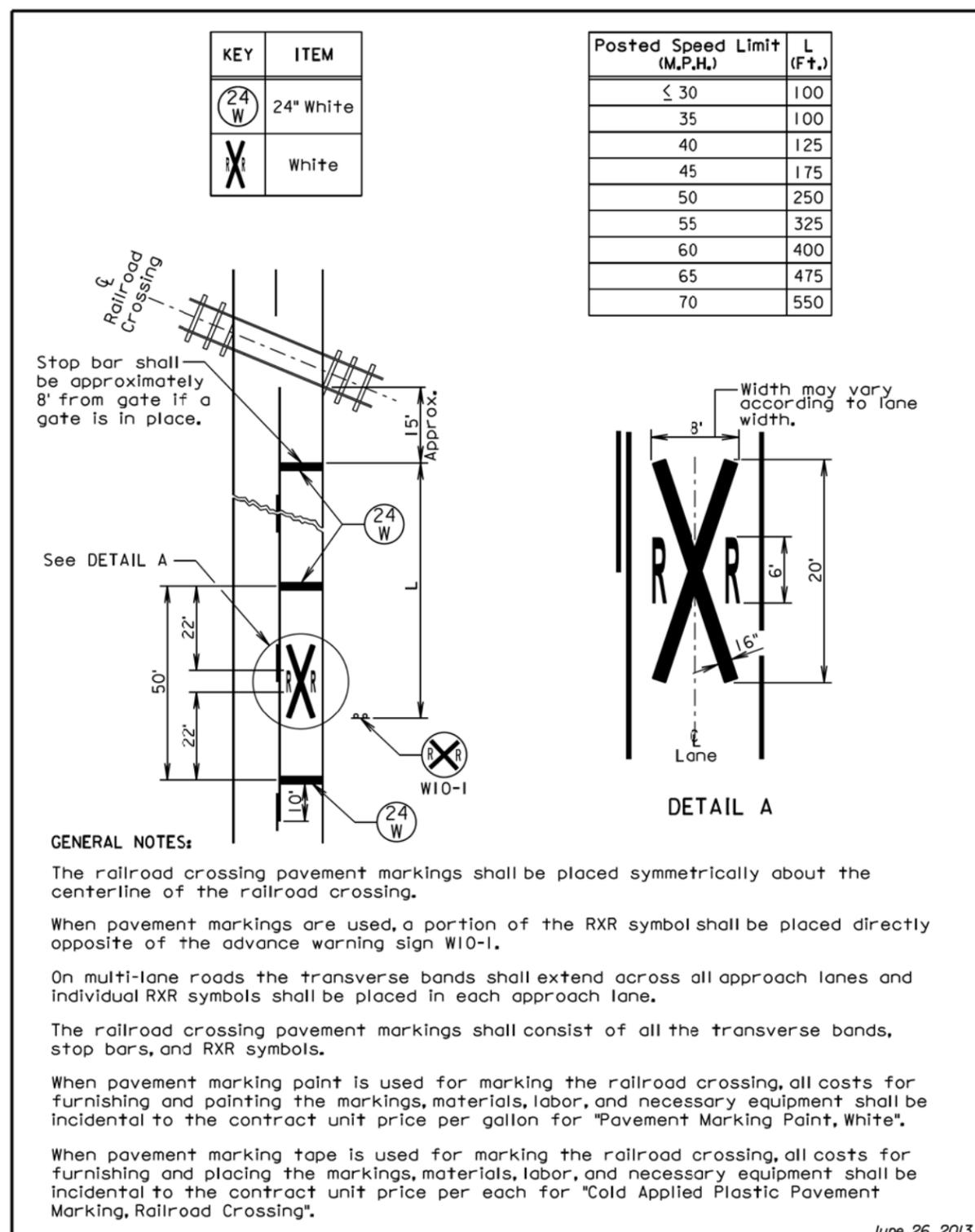
If more than 2 arrows per storage lane are shown, then the additional arrows shall be placed at approximately equal spaces between the arrow at the beginning of the storage lane and the arrow nearest the stop bar.

Minimum parking restrictions for signalized intersections.

September 14, 2011

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

Published Date: 1st Qtr. 2016



Posted Speed Limit (M.P.H.)	L (Ft.)
≤ 30	100
35	100
40	125
45	175
50	250
55	325
60	400
65	475
70	550

GENERAL NOTES:

The railroad crossing pavement markings shall be placed symmetrically about the centerline of the railroad crossing.

When pavement markings are used, a portion of the RXR symbol shall be placed directly opposite of the advance warning sign W10-1.

On multi-lane roads the transverse bands shall extend across all approach lanes and individual RXR symbols shall be placed in each approach lane.

The railroad crossing pavement markings shall consist of all the transverse bands, stop bars, and RXR symbols.

When pavement marking paint is used for marking the railroad crossing, all costs for furnishing and painting the markings, materials, labor, and necessary equipment shall be incidental to the contract unit price per gallon for "Pavement Marking Paint, White".

When pavement marking tape is used for marking the railroad crossing, all costs for furnishing and placing the markings, materials, labor, and necessary equipment shall be incidental to the contract unit price per each for "Cold Applied Plastic Pavement Marking, Railroad Crossing".

June 26, 2013

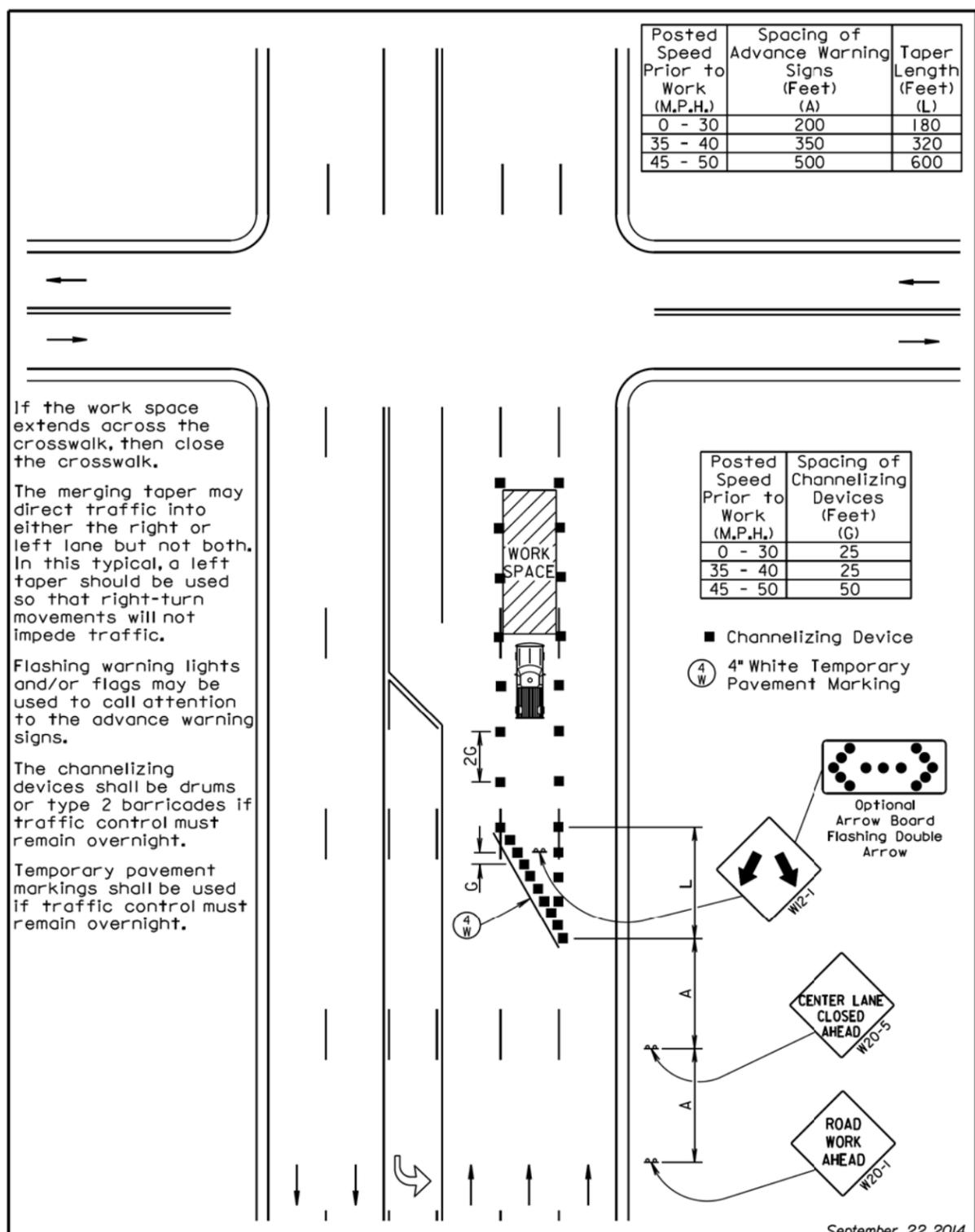
S D D O T	PAVEMENT MARKINGS AT RAILROAD CROSSING	PLATE NUMBER 633.10
		Sheet 1 of 1

Published Date: 1st Qtr. 2016

Plotting Date: 02/24/2016

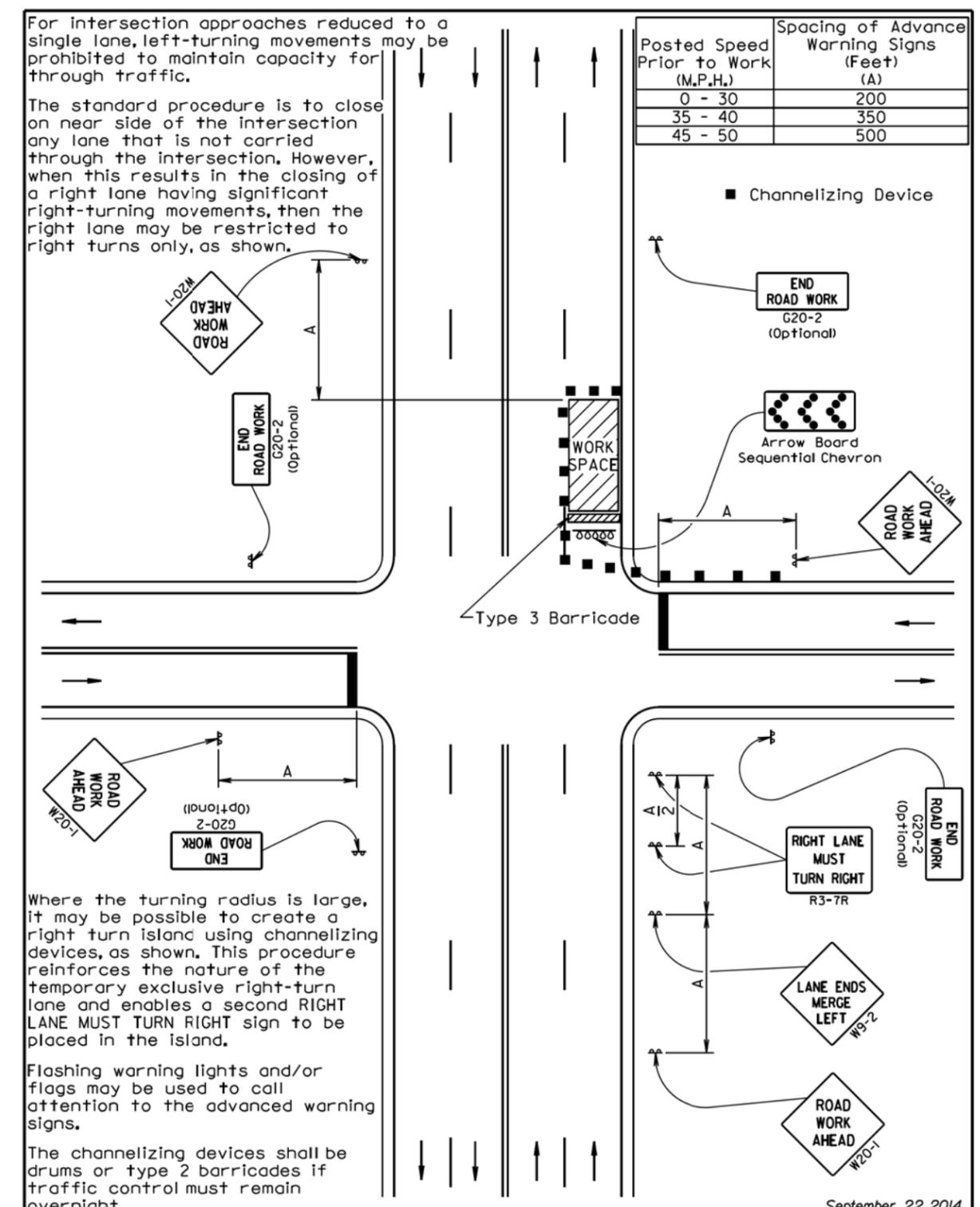
PLOT SCALE - 1:200

PLOT NAME - 17
FILE - ... \2016\0386-STOPLATES2.DGN



September 22, 2014

S D D O T	GUIDES FOR TRAFFIC CONTROL DEVICES LANE CLOSURE NEAR SIDE OF INTERSECTION	PLATE NUMBER 634.41
	Published Date: 1st Qtr. 2016	Sheet 1 of 1

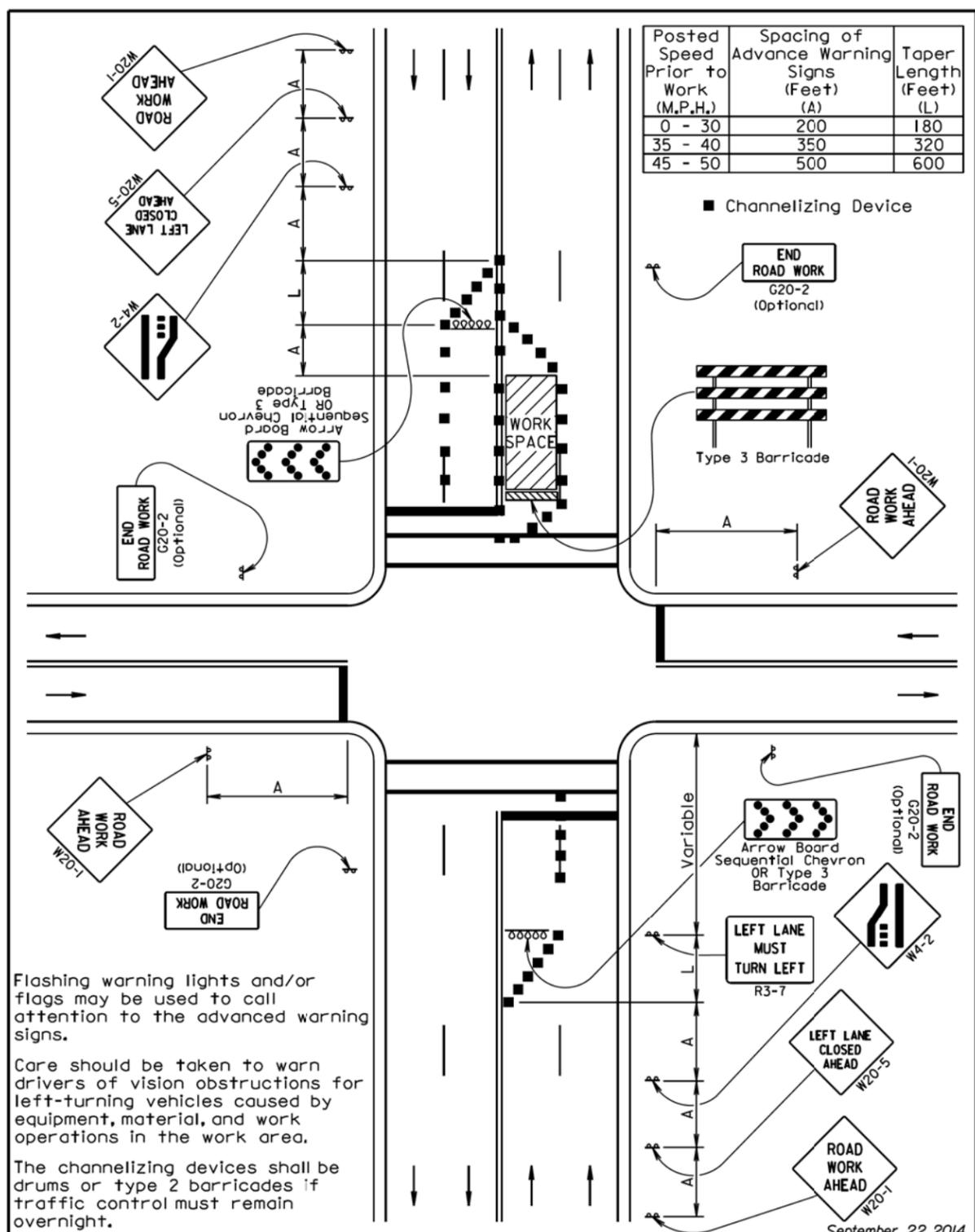


September 22, 2014

S D D O T	GUIDES FOR TRAFFIC CONTROL DEVICES RIGHT LANE CLOSURE FAR SIDE OF INTERSECTION	PLATE NUMBER 634.42
	Published Date: 1st Qtr. 2016	Sheet 1 of 1

Plotting Date: 02/24/2016

PLOT SCALE - 1:200



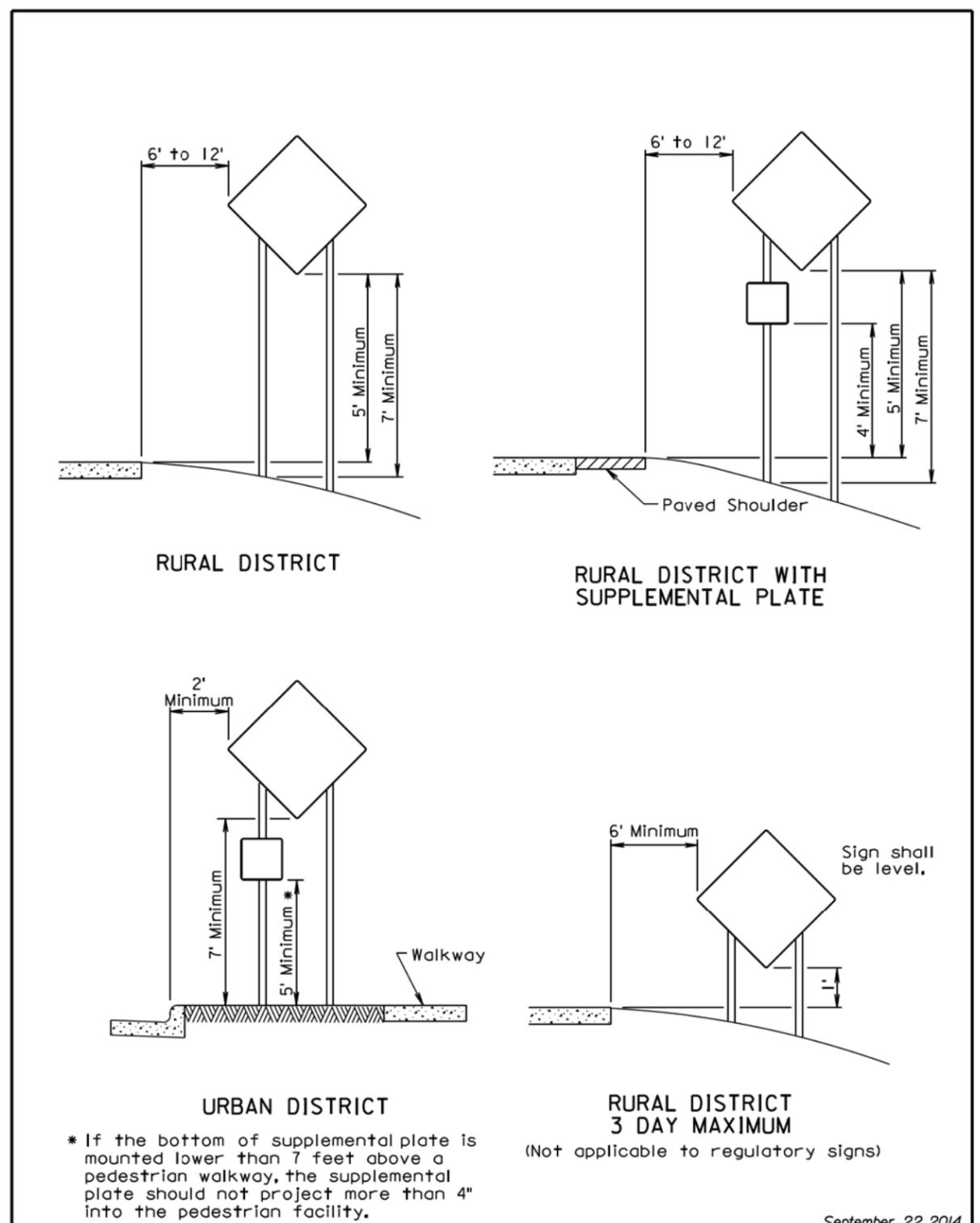
Flashing warning lights and/or flags may be used to call attention to the advanced warning signs.

Care should be taken to warn drivers of vision obstructions for left-turning vehicles caused by equipment, material, and work operations in the work area.

The channelizing devices shall be drums or type 2 barricades if traffic control must remain overnight.

September 22, 2014

S D D O T	GUIDES FOR TRAFFIC CONTROL DEVICES LEFT LANE CLOSURE FAR SIDE OF INTERSECTION	PLATE NUMBER 634.43
	Published Date: 1st Qtr. 2016	Sheet 1 of 1



* If the bottom of supplemental plate is mounted lower than 7 feet above a pedestrian walkway, the supplemental plate should not project more than 4" into the pedestrian facility.

September 22, 2014

S D D O T	CRASHWORTHY SIGN SUPPORTS (Typical Construction Signing)	PLATE NUMBER 634.85
	Published Date: 1st Qtr. 2016	Sheet 1 of 1

-PLOTTED FROM - TRRC11628

PLOT NAME - 18

FILE - ... \2016\0306-STOPLATES3.DGN