

AS-BUILT

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

USH 63 - CTH K

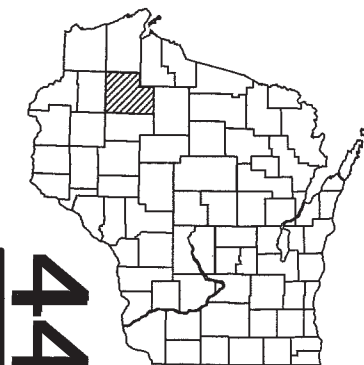
S.T.H. 77
SAWYER COUNTY

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
8520-13-71	STP 2004367	1

ORDER OF SHEETS

Section No. 1	Title
Section No. 2	Typical Sections and Details
Section No. 3	Estimate of Quantities
Section No. 3	Miscellaneous Quantities
Section No. 4	Right-of-Way Plat
Section No. 5	Plan and Profile
Section No. 6	Standard Detail Drawings
Section No. 7	Sign Plates
Section No. 8	Structure Plans
Section No. 9	Computer Earthwork Data
Section No. 9	Cross Sections

TOTAL SHEETS = 20



STATE PROJECT NUMBER
8520-13-71

FINAL COST

8520-13-71 = \$667,466.43

DESIGN DESIGNATION

A.D.T. 2005	=	5,200
A.D.T. 2025	=	6,600
D.H.V.	=	257
D.D.	=	63/37
T.	=	14.5%
DESIGN SPEED	=	55 MPH
ESALS	=	1,876,100

CONVENTIONAL SYMBOLS

PLAN
CORPORATE LIMITS
PROPERTY LINE
LOT LINE
LIMITED HIGHWAY EASEMENT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE

SLOPE INTERCEPT

REFERENCE LINE

EXISTING CULVERT

PROPOSED CULVERT
(Box or Pipe)

COMBUSTIBLE FLUIDS

MARSH AREA

WOODED OR SHRUB AREA

PROFILE

GRADE LINE

ORIGINAL GROUND

MARSH OR ROCK PROFILE
(To be noted as such)

SPECIAL DITCH

GRADE ELEVATION

CULVERT (Profile View)

UTILITIES

ELECTRIC

FIBER OPTIC

GAS

SANITARY SEWER

STORM SEWER

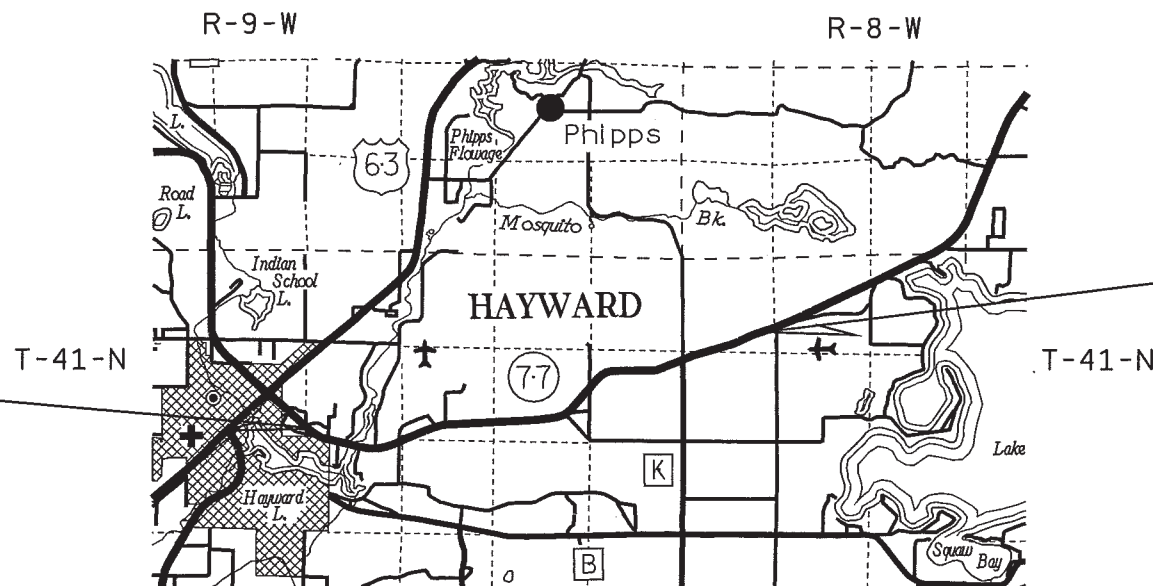
TELEPHONE

WATER

UTILITY PEDESTAL

POWER POLE

TELEPHONE POLE



LAYOUT
SCALE 0 1 MI.

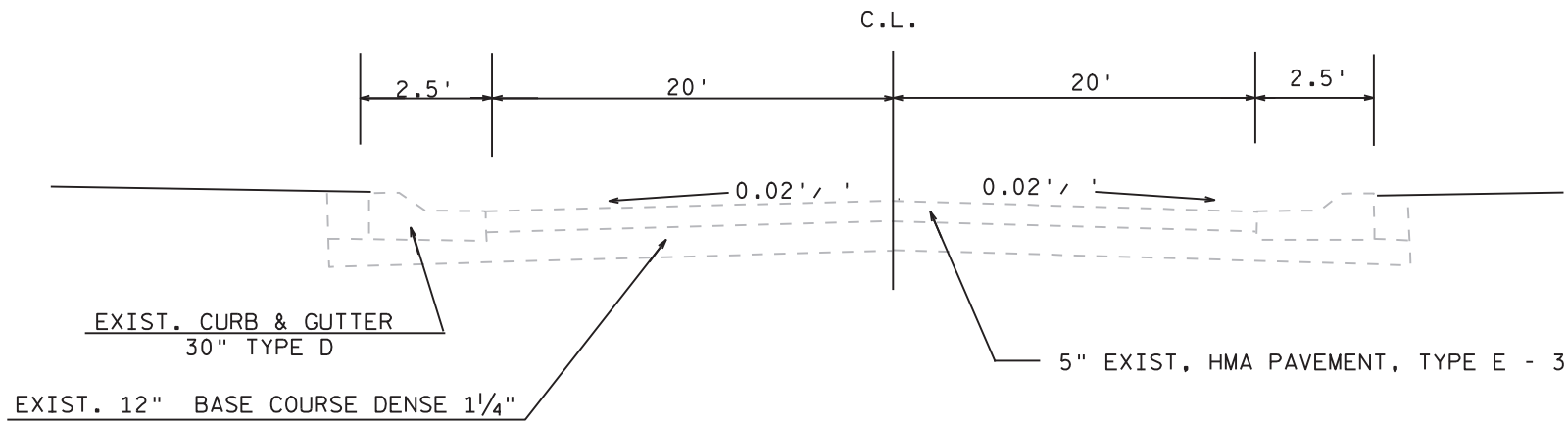
TOTAL NET LENGTH OF CENTERLINE = 4.620 MI.

Coordinates on this plan are referenced to the Wisconsin State Plane
Coordinate System (WSPCS), North Zone and
scaled from the Hayward Quadrangle map for identification only.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	_____
Designer	DAN PHU
Project Manager	SANDEE PEASE
District Examiner	_____
District Supervisor	DAVID J. OSTROWSKI P.E.
C.O. Examiner	_____
APPROVED FOR DISTRICT OFFICE	
DATE: 12/17/2003	_____ (signature)

E

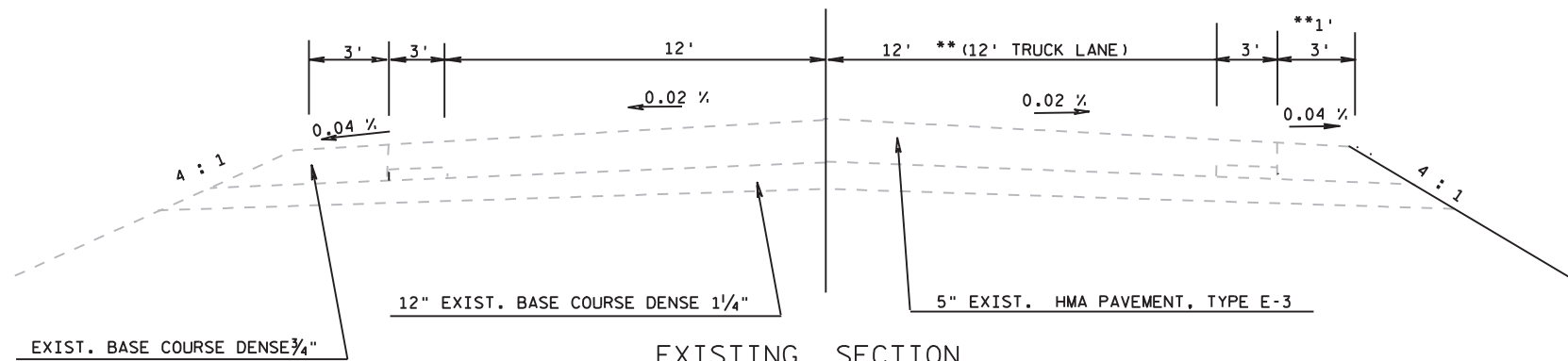
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EXISTING SECTION

STA. 58+06 - 62+50

EXCESS PULVERIZED MATERIAL WILL BE HAULED AWAY AND PAID IN C.Y.



EXISTING SECTION

STA. 62+50 - STA. 118+00
STA. 118+00 - STA. 162+00 LT.
** STA. 118+00 - STA. 162+00 RT.
STA. 162+00 - STA. 302+00

DESIGN PROJECT ENGINEER

WIS-DOT DIST. 8
1701 N. 4TH STREET

SUPERIOR, WI 54880

ATTENTION : DANIEL PHU.

TELEPHONE NO. : (715) 392-7959

DNR LIASON

WISCONSIN DNR
NORTHWEST DISTRICT HEADQUARTERS
810 W. MAPLE STREET
SPOONER, WI 54801
ATTN : WILLIAM CLARK
TELEPHONE NO. : (715) 635-4426



Toll Free (800) 242-8511
Milwaukee Area (414) 259-1181
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

UTILITIES

CENTURYTEL

20 SOUTH WILSON
RICE LAKE, WI 54868
ATTENTION : BLANE HYLLESTAD
TELEPHONE NO. : (715) 234-5526

JUMP RIVER ELECTRIC COOPERATIVE, INC.

1102 WEST 9TH STREET NORTH
LADYSMITH, WI 54848
ATTENTION : HANK LEW
TELEPHONE NO. : (715) 532-5524

CHARTER COMMUNICATIONS

2304 S. MAIN STREET
RICE LAKE, WI 54868
ATTENTION : JAMEY OLDEEN
TELEPHONE NO. : (715) 236-5005

WE ENERGIES

1921 8TH STREET SOUTH
WISCONSIN RAPIDS, WI 54494
ATTENTION : TOM KROSTAG
TELEPHONE NO. : (715) 421-7268

CHEQUAMEGON TELEPHONE CO-OP

P.O. BOX 67, 43570 KAVANAUGH ROAD
CABLE, WI 54821
ATTENTION : JOE LABEREE
TELEPHONE NO. : (715) 798-7124

XCEL ENERGY

16048 ELECTRIC AVE.
HAYWARD, WI 54843
ATTENTION : KEN DISCHER
TELEPHONE NO. : (715) 682-6923

GENERAL NOTES

- WHEN THE QUANTITY OF THE ITEM OF BASE AGGREGATE IS MEASURED FOR PAYMENT BY THE TON, THE DEPTH OR THICKNESS OF THE LAYER SHOWN ON THE PLANS IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND ON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.
- EXCESS PULVERIZED MATERIAL WILL BE HAULED AWAY FOR USE ON PROJECT AS DIRECTED BY ENGINEER.
- NO TREES OR SHRUBS SHALL BE REMOVED WITHOUT APPROVAL OF ENGINEER
- THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATION ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN
- ALL EXISTING STOP SIGNS ON SIDEROADS SHALL BE MAINTAINED DURING CONSTRUCTION BY THE CONTRACTOR.

PROJECT NO: 8520-13-71

HWY: STH 77

COUNTY: SAWYER

TYPICAL SECTIONS

SCALE, FEET

SHEET NO: 2

E

FILE NAME : 020301-1.s.dgn

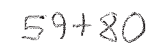
PLOT DATE : 29-JAN-2004 11:32

PLOT BY : DOTWAA

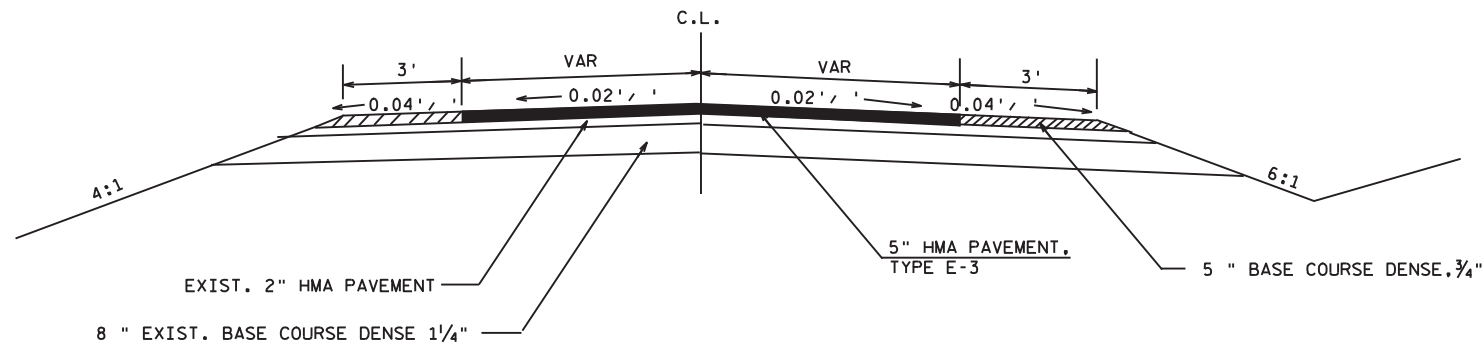
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PLOT SCALE : 200.000000:1.000000

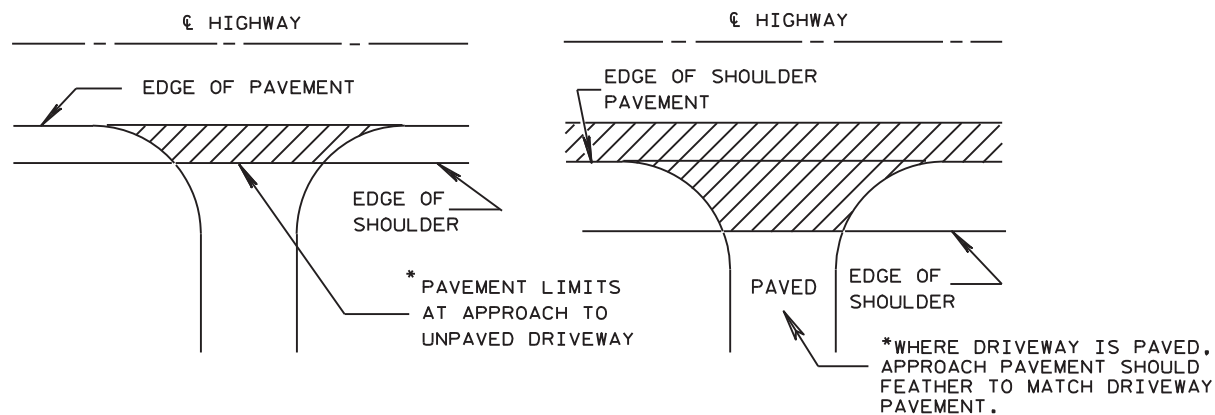
WISDOT/CADDs SHEET 42



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FINISHED TYPICAL SECTION FOR SIDE ROAD



PLAN VIEW

PLAN VIEW

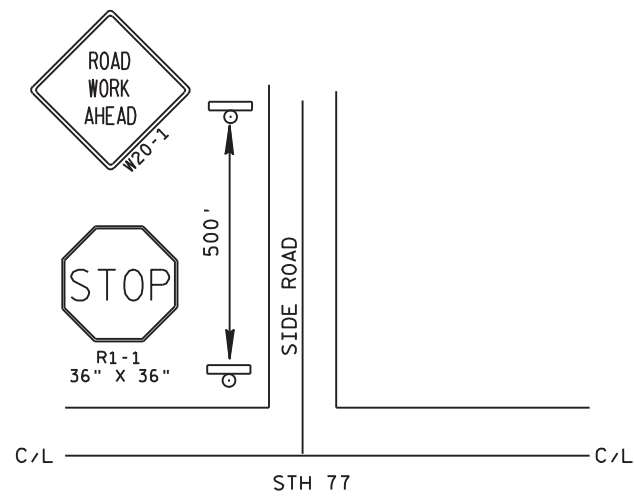
(PAVED SHOULDER ON HIGHWAY)

RURAL DRIVEWAY INTERSECTION DETAIL

TYPICAL DRIVEWAY AND SIDEROAD DIMENSIONS

	MAX. WIDTH	MAX. LENGTH
CE	34'	15'
PE	18'	15
FE	14'	5

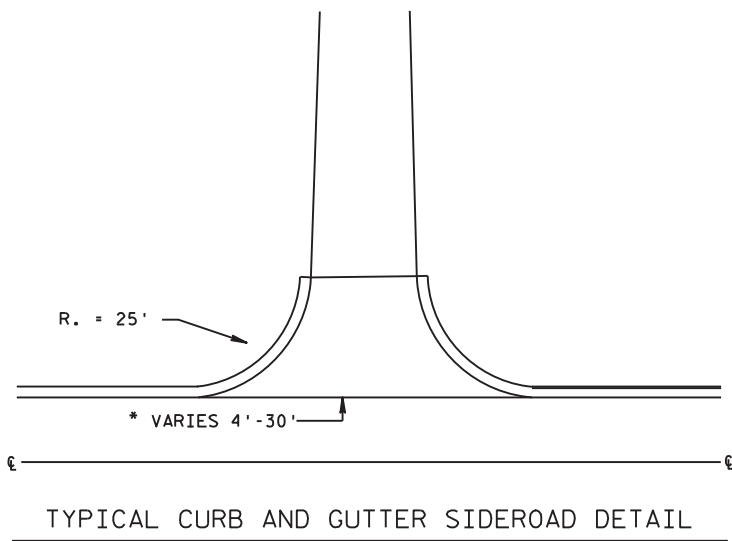
SIDE ROAD SIGNING FOR TRAFFIC CONTROL



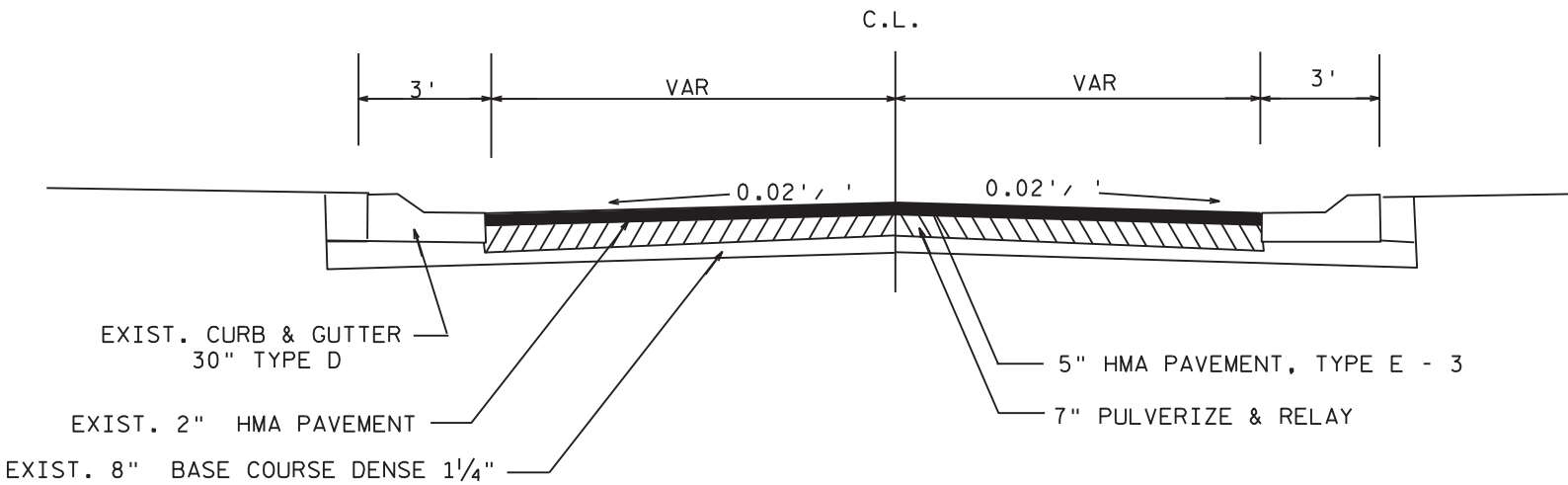
TYPICAL SIDE ROAD DETAIL

NAME	STATION
DUFFY ROAD	STA. 62+58 RT.
AIRPORT ROAD	STA. 71+30 LT.
WHEELER ROAD	STA. 85+07 LT. & RT.
HILLTOP PLACE	STA. 104+46 RT.
TOWN ROAD	STA. 107+62 LT.
HATCHERY ROAD	STA. 113+32 LT.
PENISULA ROAD	STA. 181+05 RT.
O' BRIAN HILL ROAD	STA. 201+79 LT. & RT.
CTH K	STA. 257+98 RT.
PHIPPS ROAD	STA. 257+98 LT.

LEVELS ON - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63



NAME	STATION
AIRPORT ROAD	STA. 71+30 LT.
WHEELER ROAD	STA. 85+07 LT.
PENISULA ROAD	STA. 181+05 RT.
CTH K	STA. 257+98 RT.



FINISHED TYPICAL SECTION FOR CURB & GUTTER SIDE ROAD

DATE 04FEB04

ESTIMATE OF QUANTITIES

LINE	NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	QUANTITY
	0020	213.0100	FINISHING ROADWAY (PROJECT) 02. 8520-13-71	EACH	1.000	1.000
	0030	301.0100.S	QMP BASE AGGREGATE	TON	7,354.610	7,354.610 9866.24
	0040	305.0110	BASE AGGREGATE DENSE 3/4-INCH	TON	7,354.610	7,354.610 9866.24
	0050	325.0100	PULVERIZE AND RELAY	SY	88,387.220	88,387.220
	0060	440.1000.S	INCENTIVE PROFILE INDEX HMA PAVEMENT	DOL	15,840.000	15,840.000
	0070	455.0105	ASPHALTIC MATERIAL PG58-28	TON	1,484.480	1,484.480 1233.27
	0080	455.0605	TACK COAT	GAL	2,213.360	2,213.360 2709.00
	0100	460.1103	HMA PAVEMENT TYPE E-3	TON	24,741.400	24,741.400
	0110	460.2500.S	QMP HMA PAVEMENT NUCLEAR DENSITY	TON	15,834.500	15,834.500
	0120	460.3000	QMP HMA MIXTURE	TON	24,741.400	24,741.400
	0140	618.0100	MAINTENANCE AND REPAIR OF HAUL ROADS (PROJECT) 02. 8520-13-71	EACH	1.000	1.000
	0150	619.1000	MOBILIZATION	EACH	0.500	0.500
	0160	642.5000	FIELD OFFICE TYPE B (PROJECT)	EACH	0.500	0.500
	0180	643.0100	TRAFFIC CONTROL (PROJECT) 02. 8520-13-71	EACH	1.000	1.000
	0190	643.0900	TRAFFIC CONTROL SIGNS	DAYS	770.000	770.000
	0200	646.0106	PAVEMENT MARKING EPOXY 4-INCH	LF	47,884.000	47,884.000
	0210	646.0406	PAVEMENT MARKING SAME DAY EPOXY 4-INCH	LF	31,120.000	31,120.000
	0220	648.0100	LOCATING NO-PASSING ZONES	MI	4.620	4.620
	0230	649.0100	TEMPORARY PAVEMENT MARKING 4-INCH	LF	27,332.130	27,332.130
	0240	SPV.0035	SPECIAL 01. EXCESS PULVERIZED MATERIAL	CY	100.000	100.000 1507.84

SPV.0105 SPECIAL Miscellaneous LS
Traffic Control Signs

1.0 1.0

LEVELS ON - 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40,41,42,43,44,45,46,47,48,49,50,51,52,53,54,55,56,57, 58,59,60,61,62,63

3

305.0110 BASE AGGREGATE DENSE 3/4 INCH			
STATION	STATION	LOCATION	TON
58+06 --	62+50	SHOULDERS	25.69
62+50 --	118+00	SHOULDERS	1,477.43
118+00 --	162+00	SHOULDERS	1,171.30
162+00 --	214+00	SHOULDERS	1,384.26
214+00 --	302+00	SHOULDERS	2,342.59
UNDISTRIBUTED		DRIVEWAYS & SIDE ROADS	953.33
TOTAL =			7,354.61
			9866.24

643.0900 TRAFFIC CONTROL SIGNS			
# SIGNS	SIGN TYPES	LOCATION	DAY
	2 ROAD WORK AHEAD	ML	35
	2 ROAD WORK 1000 FT	ML	35
	2 ROAD WORK 500 FT	ML	35
	2 ROAD WORK NEXT 4.62 MILES	ML	35
	2 END ROAD WORK	ML	35
	12 ROAD WORK AHEAD	SIDE ROADS	35
TOTAL =			420
			770

325.0100 PULVERIZE AND RELAY			
STATION	STATION	LOCATION	S.Y.
58+06 --	62+50	ML	1,973.33
62+50 --	118+00	ML	18,500.00
118+00 --	162+00	ML	20,533.33
162+00 --	214+00	ML	17,333.33
214+00 --	302+00	ML	29,333.33
71+30 --	71+55	AIRPORT ROAD, LT.	178.47
85+07 --	85+32	WHEELER ROAD, LT.	178.47
181+05 --	181+30	PENISULA ROAD, RT.	178.47
257+98 --	258+23	CTH K, RT.	178.47
TOTAL =			88,387.22

646.0106 PAVEMENT MARKING EPOXY 4-INCH			
STATION	STATION	LOCATION	I.F.
58+06 --	90+27	EDGE LINES	7,339.20
90+27 --	198+51	EDGE LINES	11,246.40
198+51 --	230+19	EDGE LINES	19,324.80
230+19 --	302+00	EDGE LINES	9,873.60
UNDISTRIBUTED		SIDE ROADS	100.00
TOTAL =			47,884.00

455.0105 ASPHALTIC MATERIAL PG 58-28			
STATION	STATION	LOCATION	TON
58+06 --	62+50	ML	33.15
62+50 --	118+00	ML	310.80
118+00 --	162+00	ML	344.96
162+00 --	214+00	ML	291.20
214+00 --	302+00	ML	492.80
UNDISTRIBUTED		SIDE ROADS	11.57
TOTAL =			1,484.48
			1233.27

646.0406 PAVEMENT MARKING SAME DAY EPOXY 4-INCH			
STATION	STATION	LOCATION	I.F.
58+06 --	90+27	CL	4,197.60
90+27 --	198+51	CL	17,371.20
198+51 --	230+19	CL	4,316.40
230+19 --	302+00	CL	5,134.80
UNDISTRIBUTED		SIDE ROADS	100.00
TOTAL =			31,120.00

455.0605 TACK COAT			
STATION	STATION	LOCATION	GAL.
58+06 --	62+50	ML	49.33
62+50 --	118+00	ML	462.50
118+00 --	162+00	ML	513.33
162+00 --	214+00	ML	433.33
214+00 --	302+00	ML	733.33
UNDISTRIBUTED		SIDE ROADS	21.53
TOTAL =			2,213.36
			2709.00

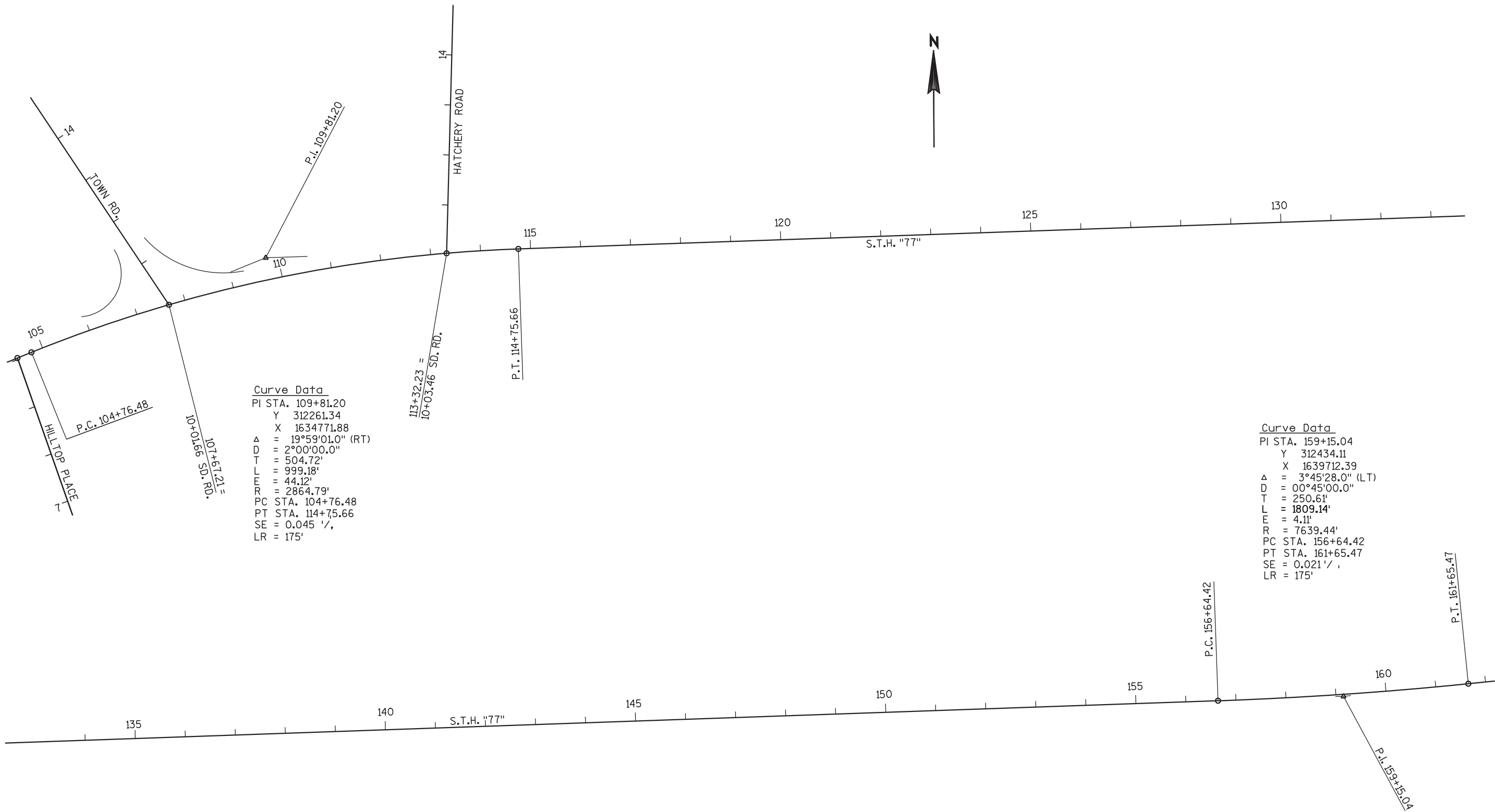
648.0100 LOCATING NO-PASSING ZONES			
STATION	STATION	LOCATION	MILES
58+06 --	302+00	CL	4.62
TOTAL =			4.62

460.1103 HMA PAVEMENT TYPE E-3			
STATION	STATION	LOCATION	TON
58+06 --	62+50	ML	552.53
62+50 --	118+00	ML	5,180.00
118+00 --	162+00	ML	5,749.33
162+00 --	214+00	ML	4,853.33
214+00 --	302+00	ML	8,213.33
UNDISTRIBUTED		SIDE ROADS	192.86
TOTAL =			24,741.40

649.0100 TEMPORARY PAVEMENT MARKING 4-INCH			
STATION	STATION	LOCATION	I.F.
58+06 --	90+27	CL	3,784.70
90+27 --	198+51	CL	16,509.50
198+51 --	230+19	CL	3,894.53
230+19 --	302+00	CL	3,043.39
UNDISTRIBUTED		SIDE ROADS	100.00
TOTAL =			27,332.13

SPV.0035 EXCESS PULVERIZED MATERIAL			
STATION	STATION	LOCATION	C.Y.
59+80 - 58+06	62+50	CL	100.00
68+00 -	74+50		100.00
81+50 -	88+00	254+50 - 261+50	1507.84
178+00 -	184+50	301+40 - 303+40	
TOTAL =			

LEVELS ON = 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 60, 61, 62, 63



PROJECT NO: 8520-13-71

HWY: STH 77

COUNTY: SAWYER

LINE DIAGRAM

SCALE, FEET

SHEET NO: 9

E

FILE NAME : 050301_1d.dgn

PLOT DATE : 18-DEC-2003 11:38

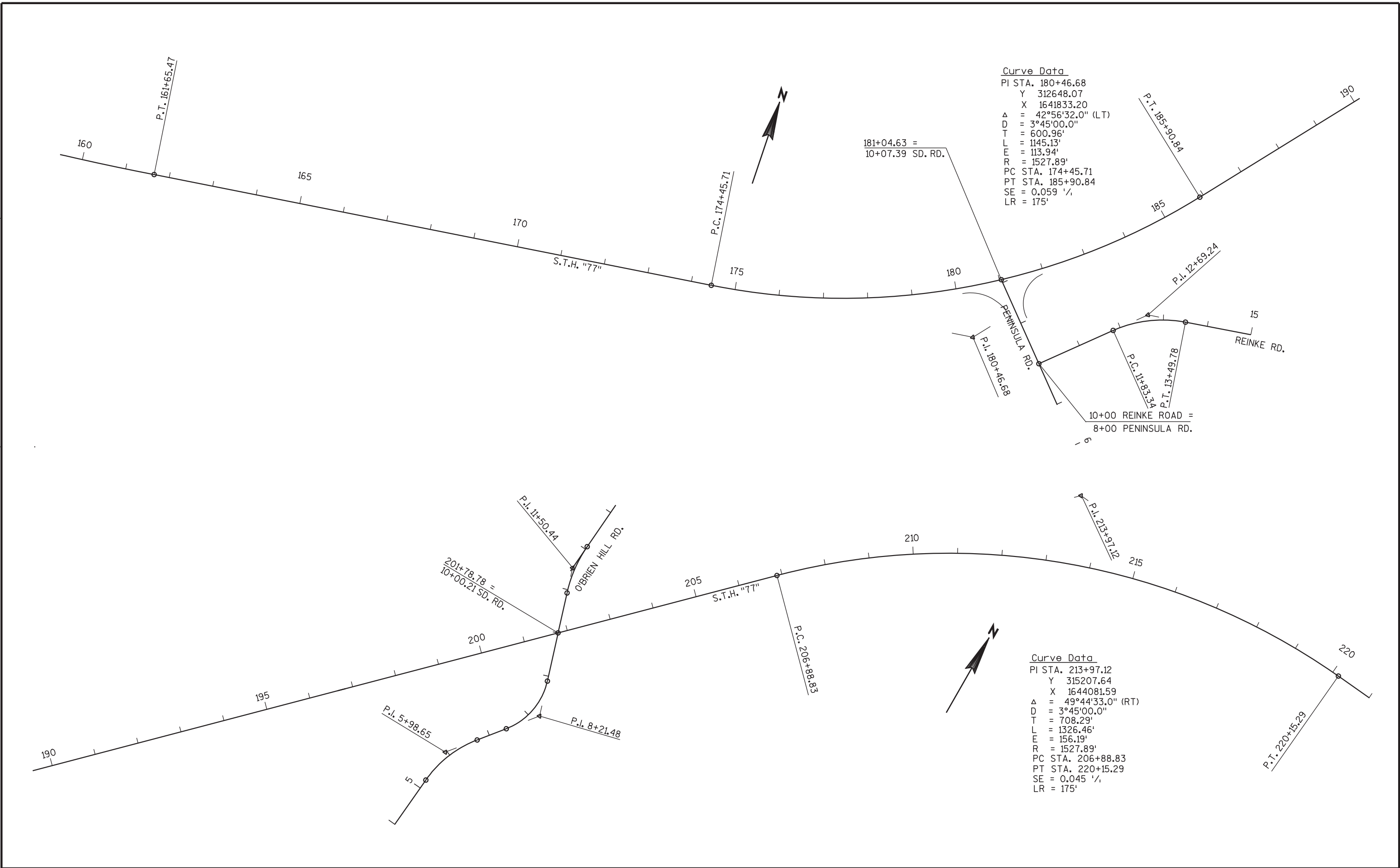
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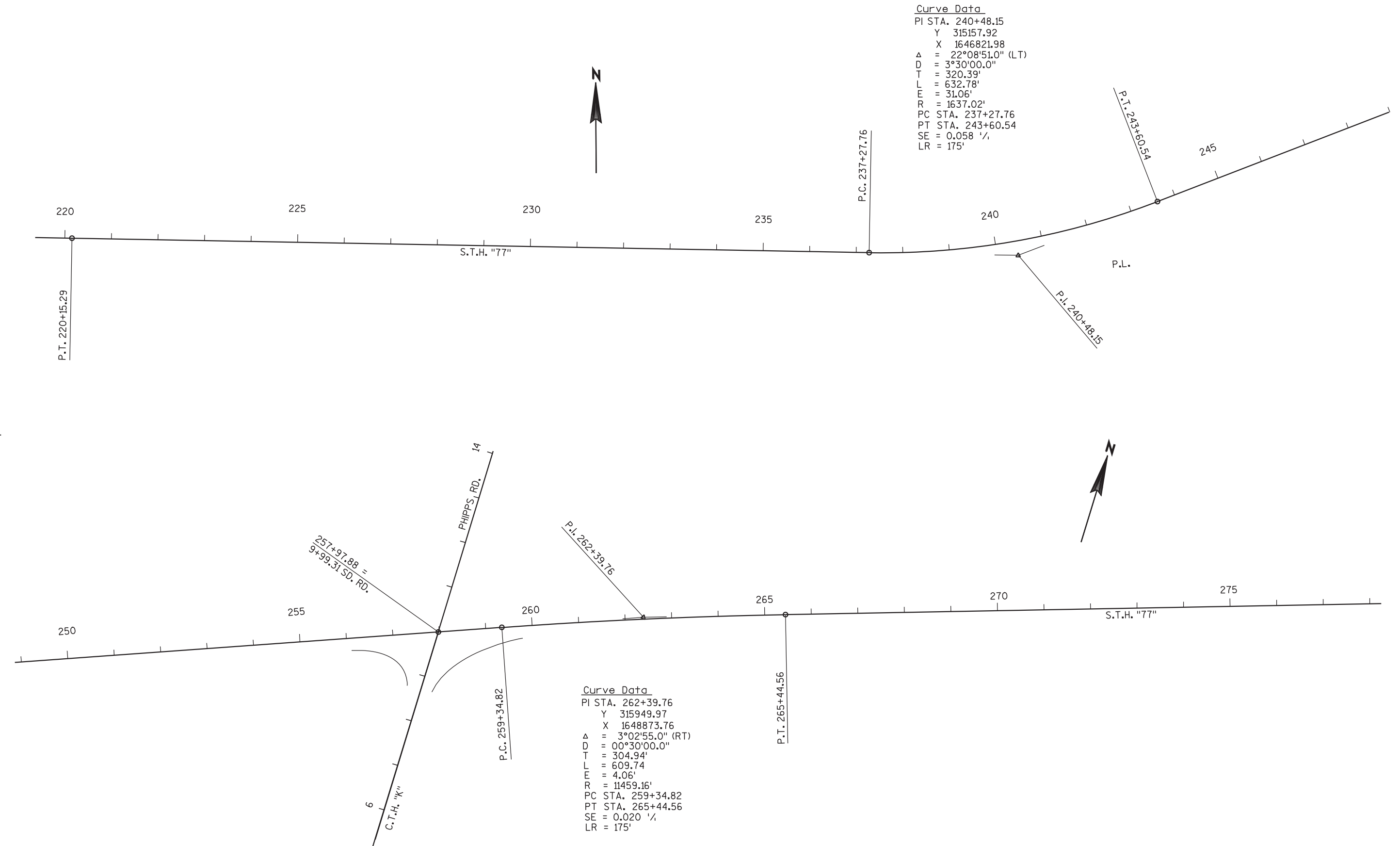
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WISDOT/CADDs SHEET 44

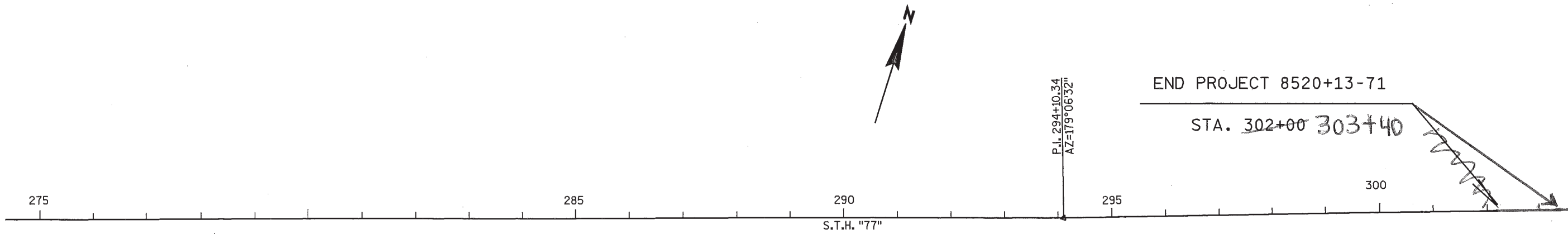
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5

PROJECT NO: 8520-13-71

HWY: STH 77

COUNTY: SAWYER

LINE DIAGRAM

SCALE, FEET

SHEET NO: 12

E

FILE NAME : 050301_1.dgn

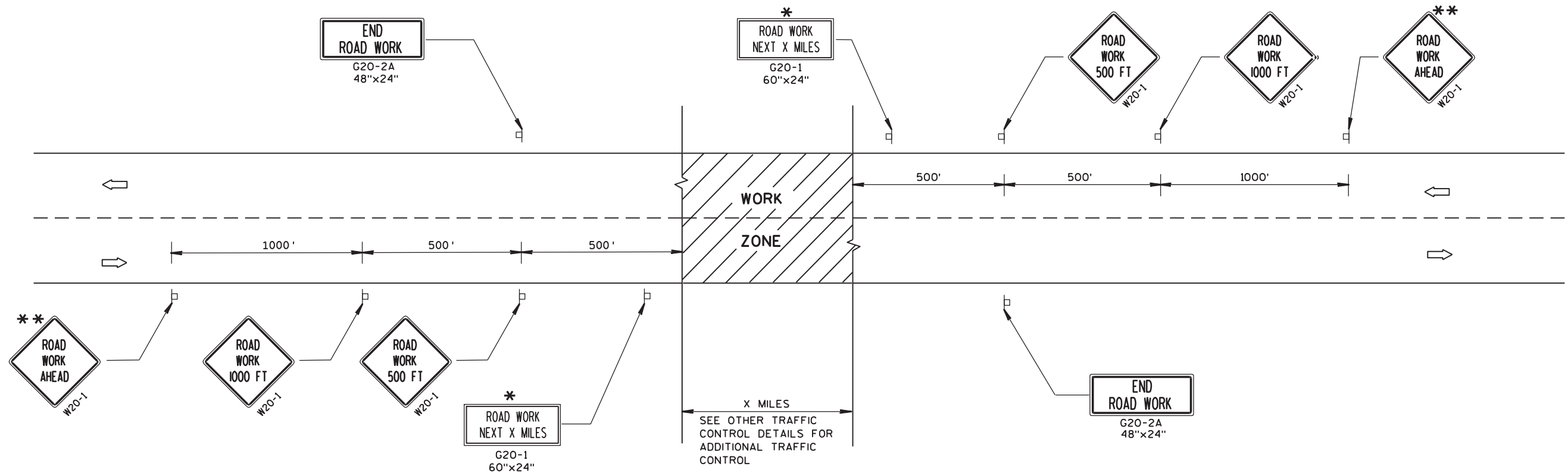
PLOT DATE : 18-DEC-2003 11:38

PLOT BY : DOTWAA

PLOT NAME :

PLOT SCALE : 200.000000:1.000000

WISDOT/CADDs SHEET 44



TYPICAL SIDEROAD APPROACH WARNING SIGN DETAIL

GENERAL NOTES

THE EXACT NUMBER, LOCATION, AND SPACING OF ALL SIGNS AND DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS.

THE SPACING BETWEEN TRAFFIC CONTROL SIGNS SHOULD BE ADJUSTED TO NOT CONFLICT WITH AND SHOULD PROVIDE A MINIMUM OF 200 FEET (500 FEET DESIRABLE) CLEARANCE TO EXISTING SIGNS THAT WILL REMAIN IN PLACE.

ALL SIGNS ARE 48"x48" UNLESS OTHERWISE NOTED.

SIGNS THAT WILL BE IN PLACE LESS THAN 7 CONTINUOUS DAYS AND NIGHTS MAY BE MOUNTED ON PORTABLE SUPPORTS.

IF A "STOP" SIGN MUST BE REMOVED FOR A WORK OPERATION, A TEMPORARY "STOP" SIGN SHALL BE PLACED PRIOR TO THE SIGN REMOVAL, OR A FLAGGER SHALL BE PROVIDED UNTIL THE SIGN IS RE-ESTABLISHED.

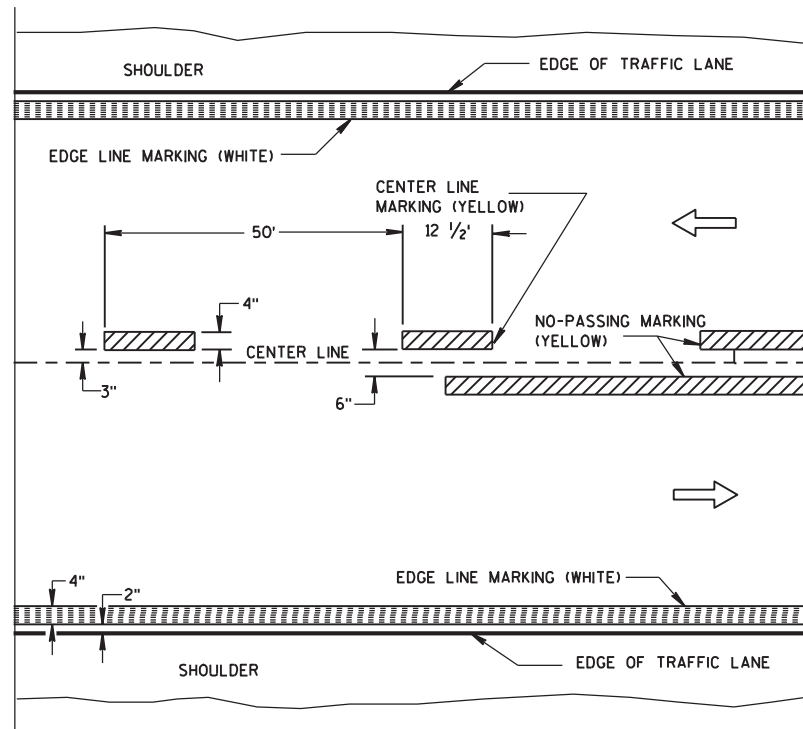
* OMIT G20-1 SIGNS IF LENGTH OF WORK AREA IS 2 MILES OR LESS.

** PLACE ADDITIONAL W20-1 "ROAD WORK AHEAD" SIGN IF WORK AREA WITHIN THE PROJECT IS SEPARATED BY MORE THAN 2 MILES FROM PREVIOUS WORK AREA OR SIGNING.

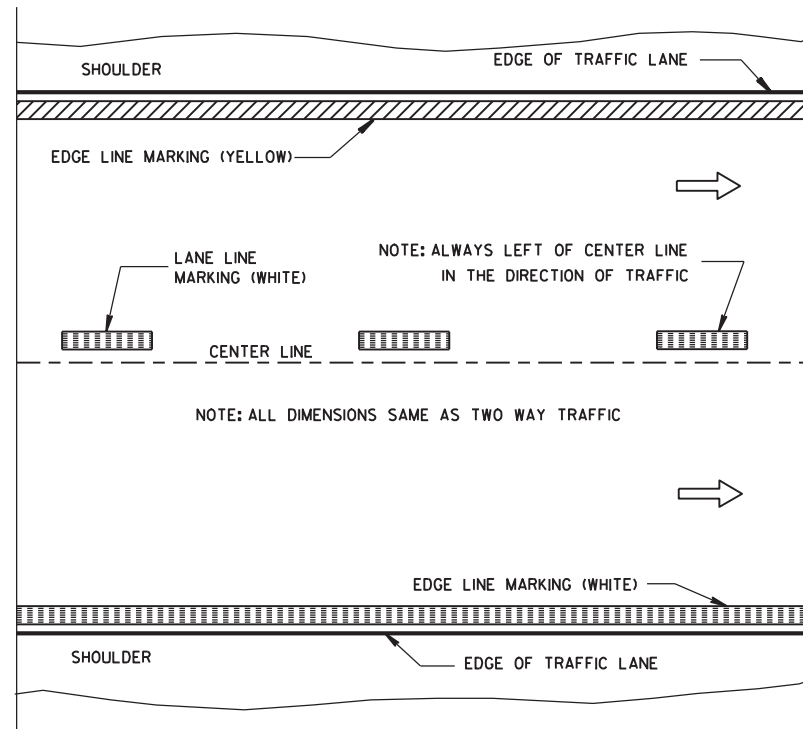
LEGEND

- POST MOUNTED SIGN
- ➡ DIRECTION OF TRAFFIC FLOW

TRAFFIC CONTROL, ADVANCE WARNING SIGNS 45 M.P.H. OR GREATER TWO-WAY UNDIVIDED ROAD OPEN TO TRAFFIC	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 5/23/00 DATE	<i>Chetan J. Spang</i> CHIEF SIGNS AND MARKING ENGINEER
FHWA	

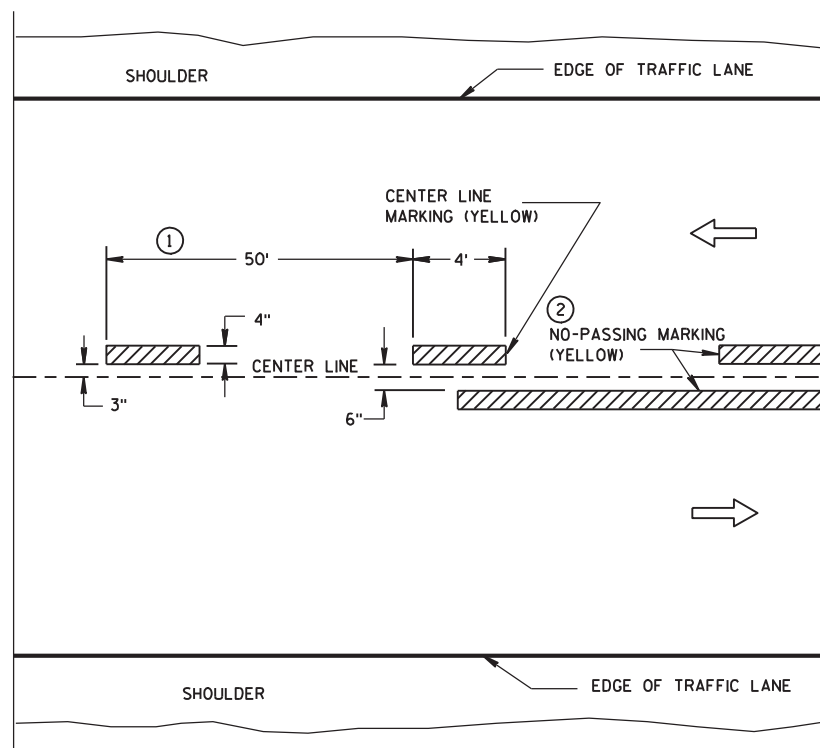


TWO WAY TRAFFIC

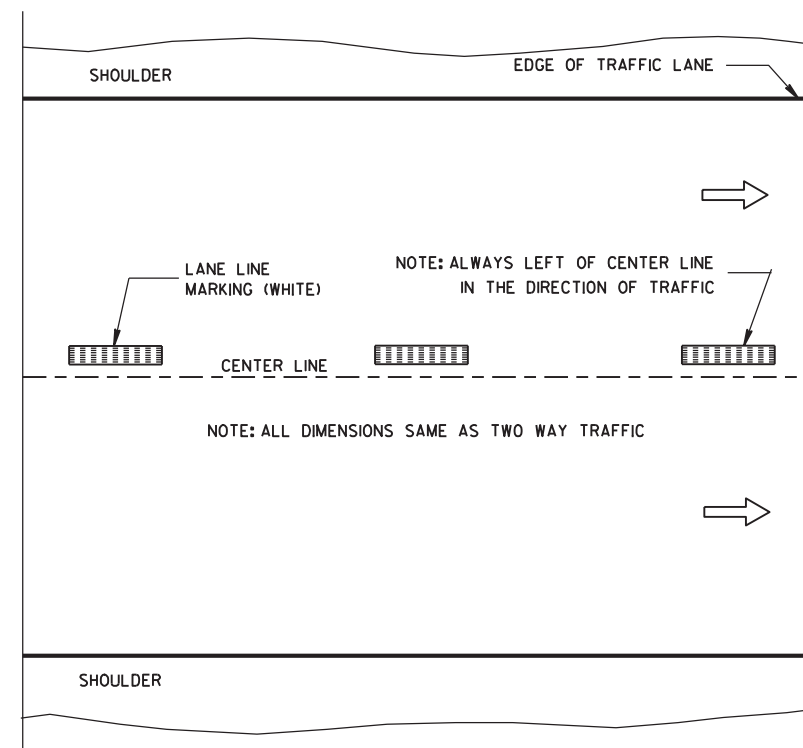


ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC



ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING (SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

- ① HALF CYCLE LENGTHS (25') WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.
- ② NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.

NOTE

ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL

PAVEMENT MARKING
(MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION


APPROVED
3/6/00
DATE
FHWA

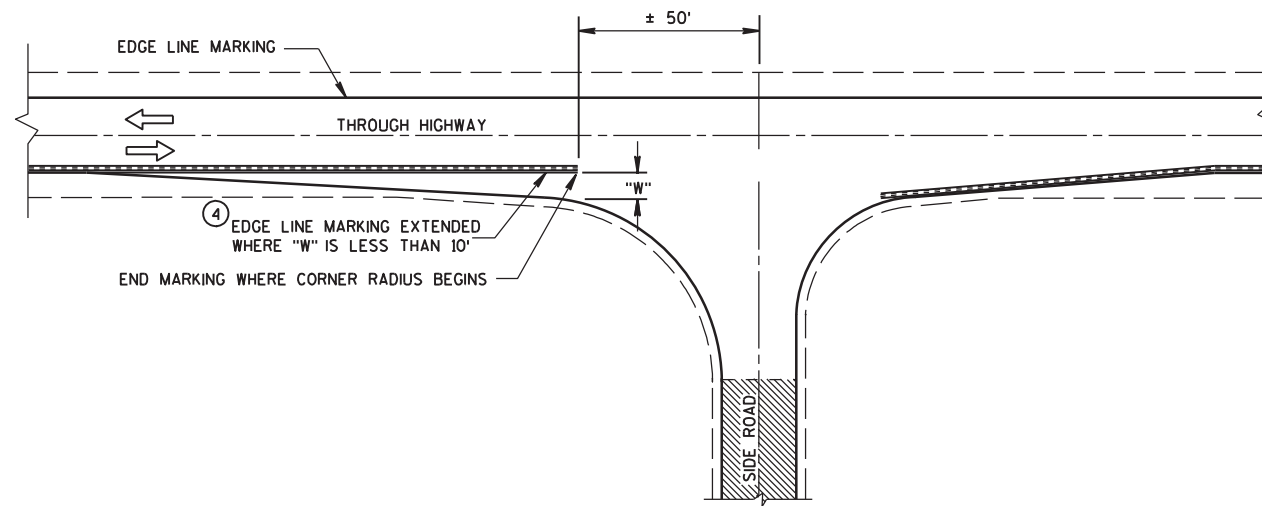
Chris J. Spay
CHIEF SIGNS AND MARKING ENGINEER

NOTES

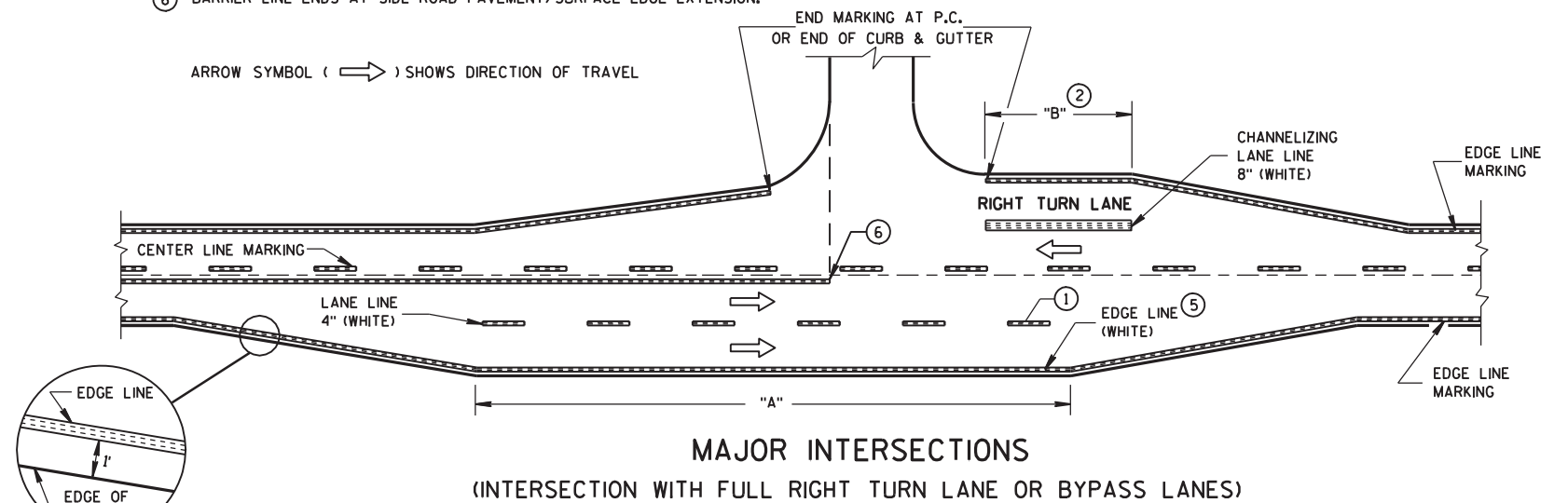
EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.

- ① WHEN DISTANCE "A" IS LESS THAN 250 FEET, OMIT LANE LINE.
- ② WHEN DISTANCE "B" IS LESS THAN 100 FEET, OMIT CHANNELIZING LANE LINE.
- ③ ALTERNATIVE MARKING SHALL BE PROVIDED WHEN SPECIFIED IN THE CONTRACT. TYPICAL SITUATIONS WHERE THIS MARKING MAY BE REQUIRED ARE WHERE THE INTERSECTION IS ON A SHARP HORIZONTAL CURVE OR CREST VERTICAL CURVE IN AN UNLIGHTED AREA SUCH THAT THE EDGE LINE MAY BE MISLEADING TO THE MOTORIST OR DISAPPEAR FROM SIGHT.
- ④ LOCATE THE EDGE LINE ALONG THE TAPER WHERE "W" IS 10' OR MORE.
- ⑤ THE EDGE LINE IN THE TAPER AREAS OF THE BYPASS LANE AND THE BYPASS LANE SHALL BE LOCATED 1-FOOT FROM EDGE OF PAVEMENT TO THE OUTSIDE EDGE OF EDGE LINE.
- ⑥ BARRIER LINE ENDS AT SIDE ROAD PAVEMENT/SURFACE EDGE EXTENSION.

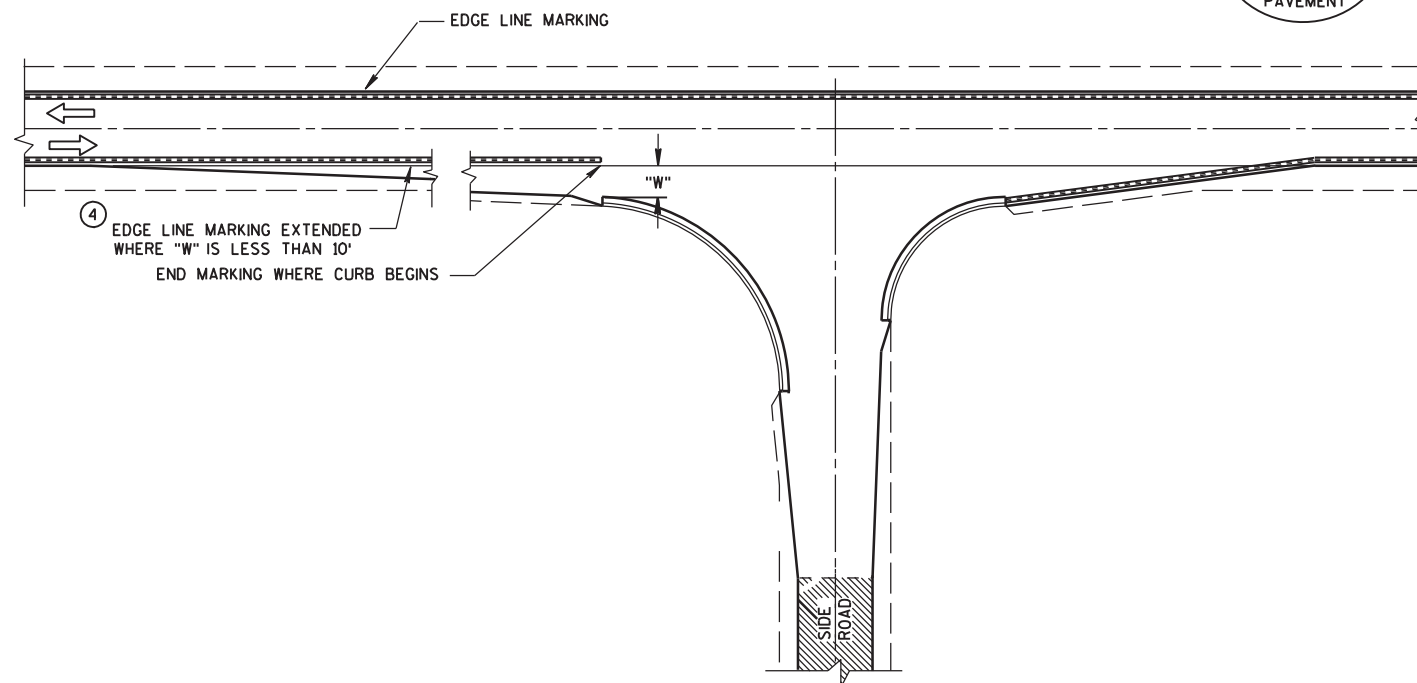
ARROW SYMBOL () SHOWS DIRECTION OF TRAVEL



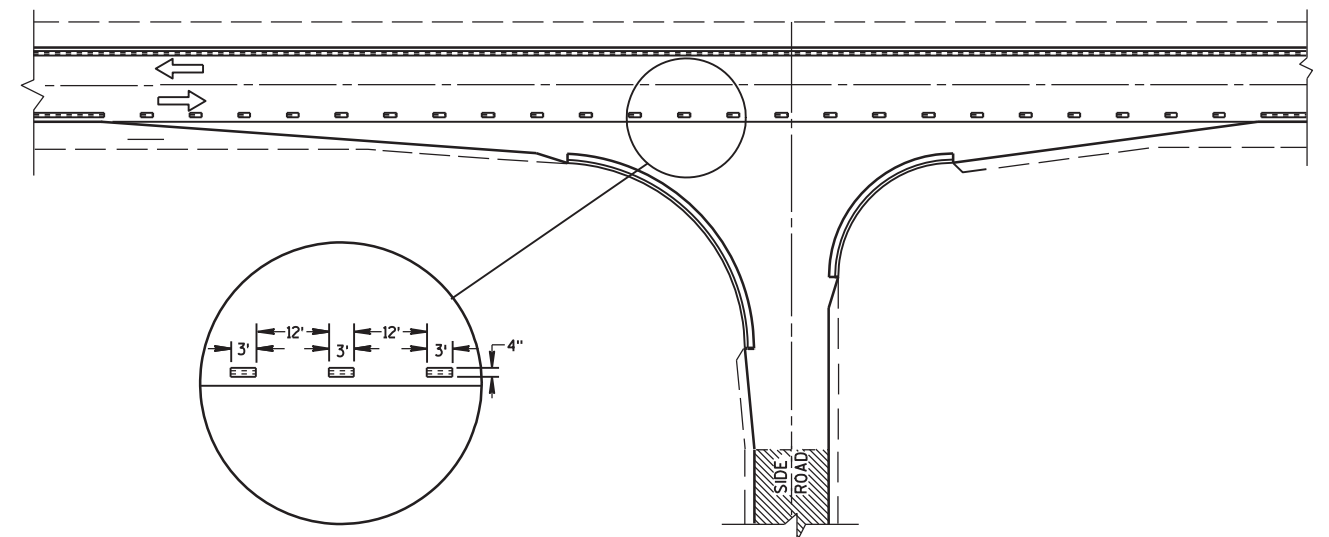
MINOR INTERSECTION WITHOUT CURBS



MAJOR INTERSECTIONS
(INTERSECTION WITH FULL RIGHT TURN LANE OR BYPASS LANES)



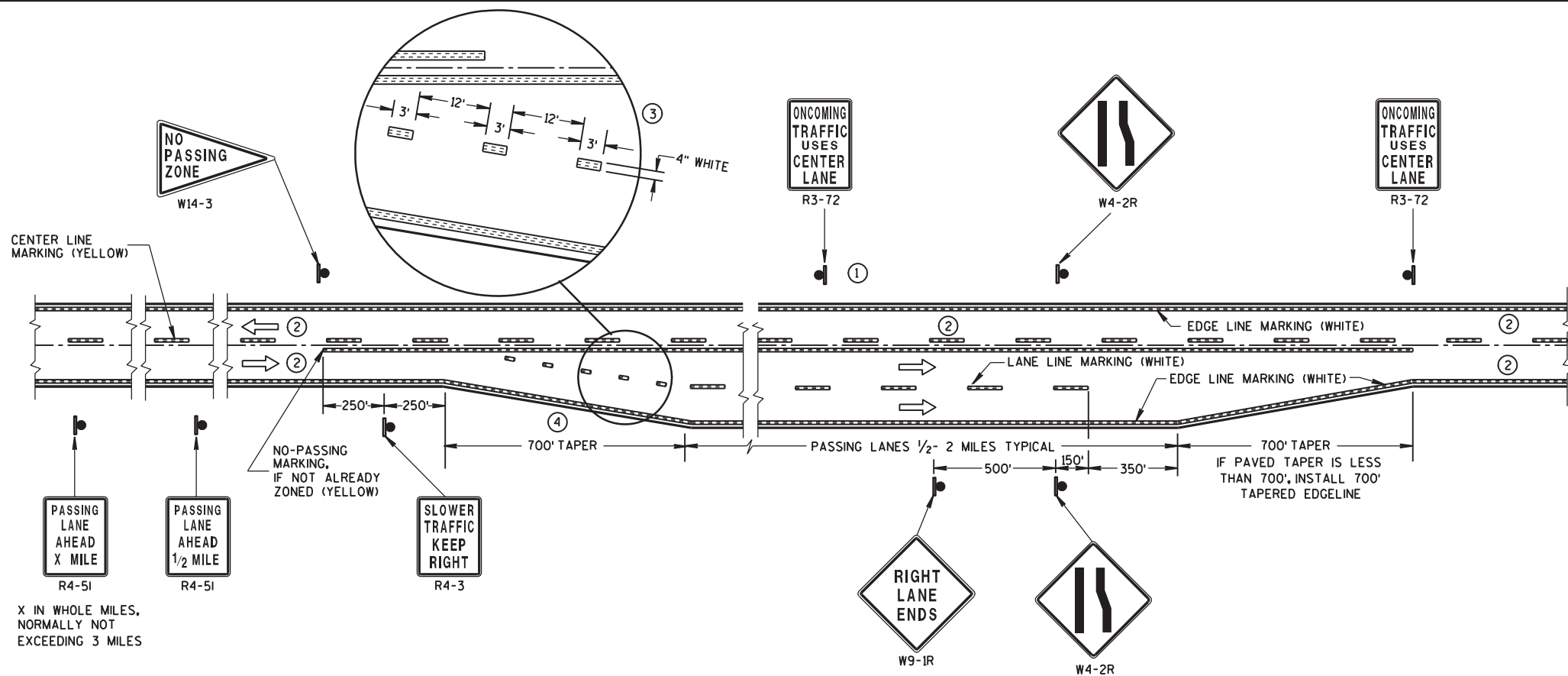
MINOR INTERSECTION WITH CURBS
(TYPICAL MARKING)



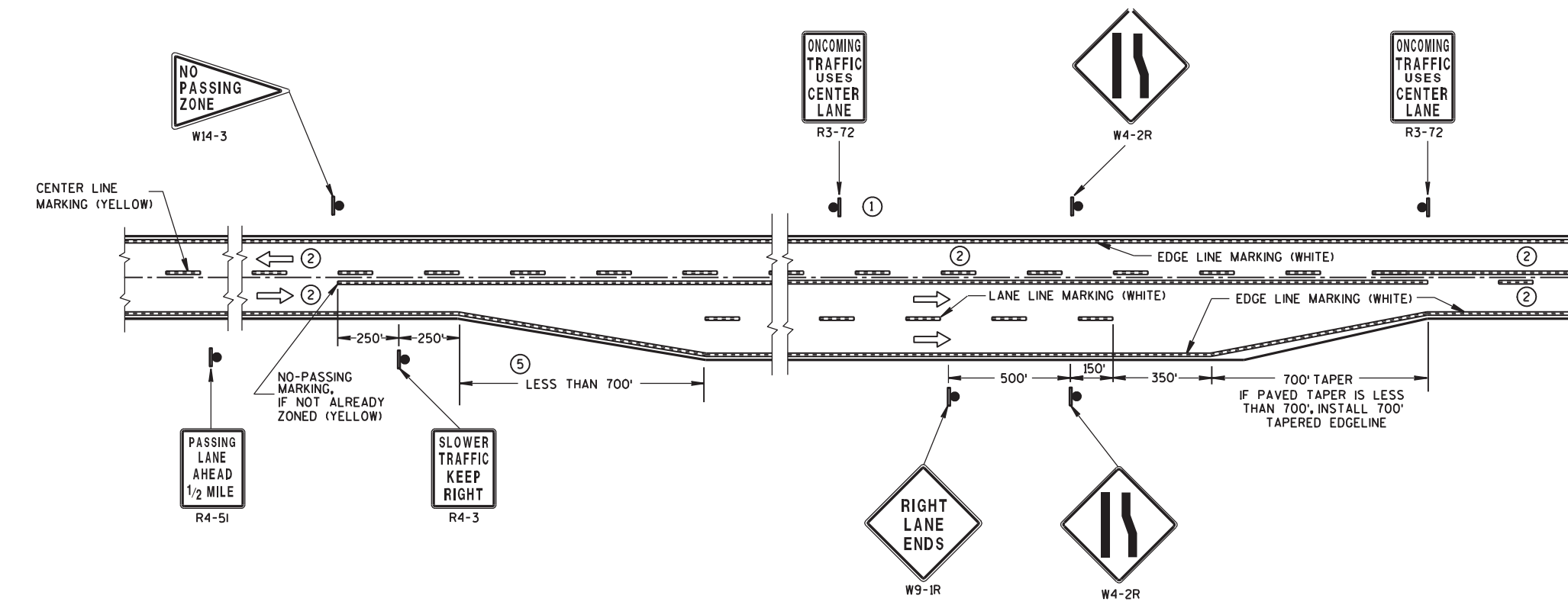
MINOR INTERSECTION WITH CURBS
③ (FOR SPECIAL CONDITIONS AS SPECIFIED)

PAVEMENT MARKING
(INTERSECTIONS)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION



PASSING LANE & CLIMBING LANE



CLIMBING LANE (SHORT ENTRANCE TAPER)

GENERAL NOTES


- ① SIGN R3-72 SHALL BE REPEATED AT 1/2 MILE INCREMENTS WHERE THE ADDED LANE IS LONGER THAN 1/2 MILE. (NOT NECESSARY IF MARKED NO-PASSING)
- ② THERE MAY BE SOLID YELLOW ON THE CENTERLINE DUE TO SIGHT CONDITIONS.
- ③ THE TAPER LENGTH OF THE PAVEMENT MARKING SHALL BE 700 FEET.
- ④ WHEN THE SHOULDER WIDTH IN THE PASSING LANE OR CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT GUIDE TRAFFIC TO THE RIGHT IN THE ENTRANCE TAPER AREA WITH SKIP-DASH PAVEMENT MARKING.
- ⑤ WHEN THE ENTRANCE TAPER IS LESS THAN 700 FEET OR THE SHOULDER WIDTH IN THE CLIMBING LANE IS LESS THAN THE ADJACENT HIGHWAY, DO NOT GUIDE TRAFFIC TO THE RIGHT IN THE ENTRANCE TAPER AREA WITH SKIP-DASH PAVEMENT MARKING.


ARROW SYMBOL (→) SHOWS DIRECTION OF TRAVEL


PAVEMENT MARKING (CLIMBING LANE & PASSING LANE)
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

TWO-LANE ROADWAY

SYMBOLS

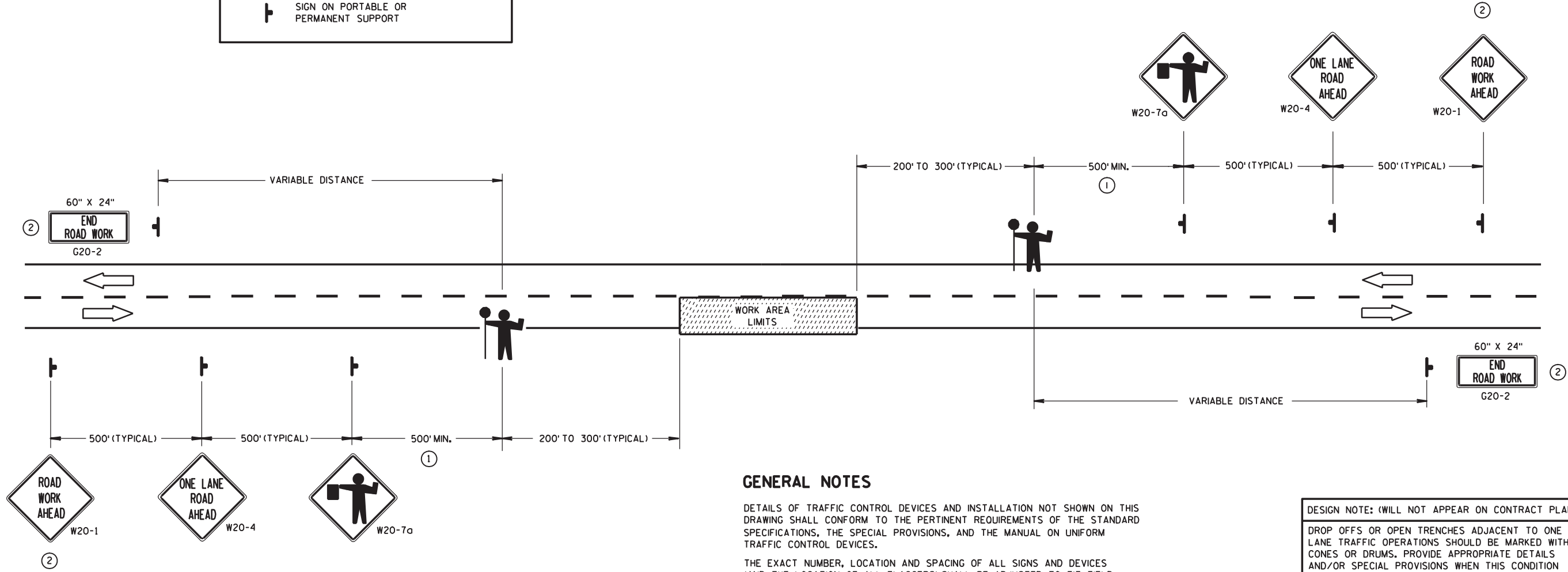
 WORK AREA

 FLAGGER, EQUIPPED WITH STOP/SLOW PADDLE FASTENED ON SUPPORT STAFF

 SIGN ON PORTABLE OR PERMANENT SUPPORT



USE OF THE "BE PREPARED TO STOP" SIGN IS OPTIONAL. WHEN USED, THIS SIGN SHALL BE LOCATED BETWEEN THE W20-7a AND W20-4 SIGNS. A 500' TYPICAL SPACING SHALL BE PROVIDED BETWEEN THE SIGNS.



- ① FOR A MOVING WORK OPERATION, SIGNING FOR BOTH DIRECTIONS SHALL BE REESTABLISHED (AS SIMULTANEOUSLY AS PRACTICAL) AT APPROXIMATELY 3500 FOOT INTERVALS IN THE MOVING WORK OPERATION OR AS DIRECTED BY THE ENGINEER.
- ② SIGN NOT REQUIRED IF FLAGGING OPERATION OCCURS WITHIN A SIGNED ROAD WORK ZONE AREA.

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND INSTALLATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, THE SPECIAL PROVISIONS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND DEVICES (AND THE LOCATION OF ALL FLAGGERS) SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS DIRECTED BY THE ENGINEER.

THE FIRST ADVANCE WARNING SIGN SHOULD TYPICALLY BE LOCATED IN ADVANCE OF THE ANTICIPATED TRAFFIC BACKUP OR QUEUE.

WHEN A SIDE ROAD OR RAMP INTERSECTS THE FACILITY ON WHICH THE WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC CONTROLS SHALL BE PROVIDED AS SPECIFIED IN THE PLANS AND/OR THE SPECIAL PROVISIONS OR AS DIRECTED BY THE ENGINEER.

FLAGGERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES. THEY SHALL BE EQUIPPED WITH STOP/SLOW PADDLES FASTENED ON SUPPORT STAFFS. WHEN THE FLAGGING OPERATION IS NOT IN EFFECT, THE "FLAGGER AHEAD", THE "ROAD WORK AHEAD" AND THE ONE LANE ROAD AHEAD" SIGNS SHALL BE COVERED OR REMOVED AND THE HIGHWAY RESTORED TO NORMAL OPERATION.

ALL SIGNS ARE 48" X 48" UNLESS OTHERWISE NOTED.

DESIGN NOTE: (WILL NOT APPEAR ON CONTRACT PLANS)

DROP OFFS OR OPEN TRENCHES ADJACENT TO ONE LANE TRAFFIC OPERATIONS SHOULD BE MARKED WITH CONES OR DRUMS. PROVIDE APPROPRIATE DETAILS AND/OR SPECIAL PROVISIONS WHEN THIS CONDITION IS EXPECTED.

THIS DETAIL IS APPROPRIATE FOR RURAL HIGH SPEED CONDITIONS. URBAN LOWER SPEED CONDITIONS REQUIRE A CLOSER SIGN SPACING.

TRAFFIC CONTROL FOR LANE CLOSURE (SUITABLE FOR MOVING OPERATIONS)

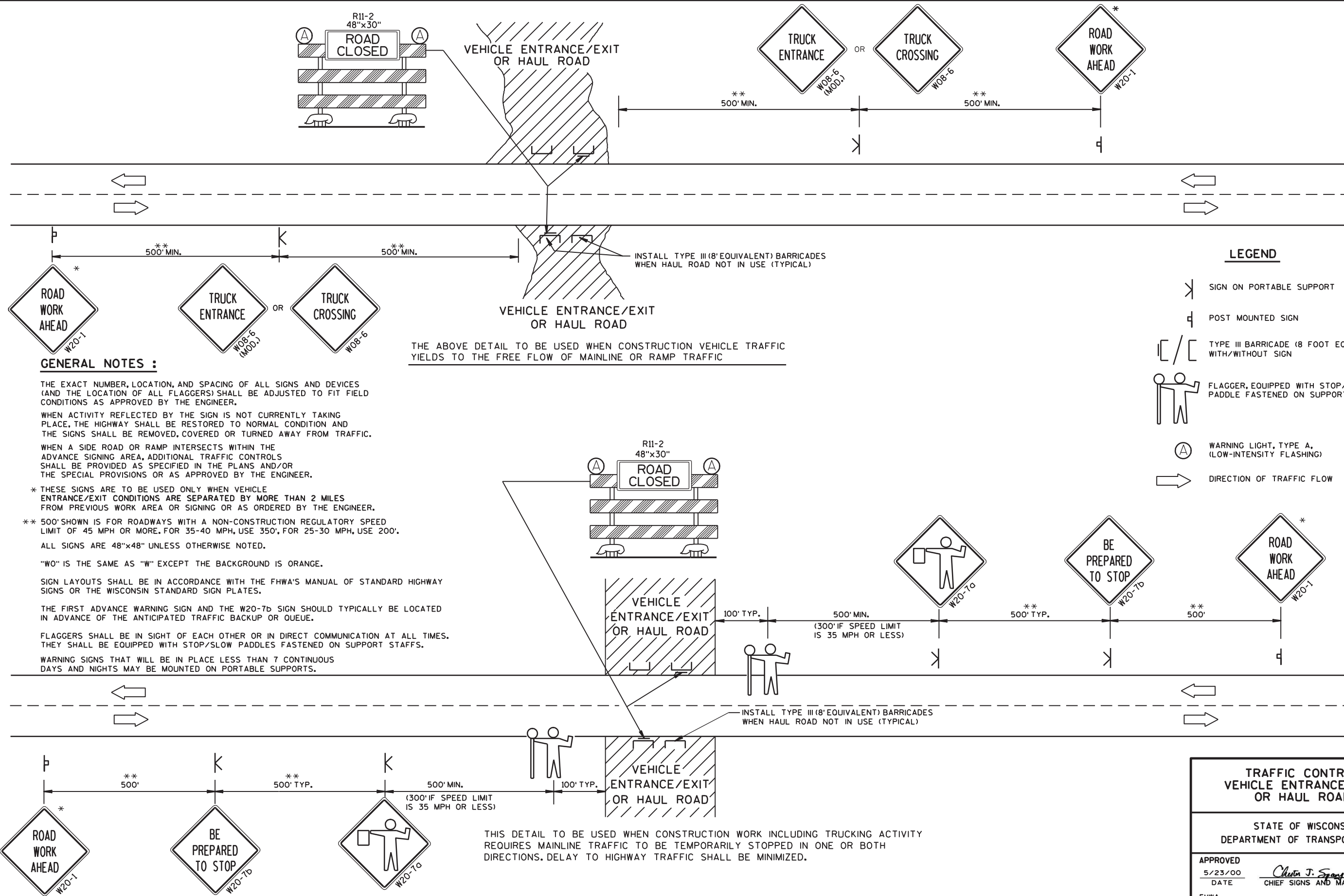
STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

APPROVED
2/17/94
DATE
STATE TRAFFIC ENGINEER FOR HWYS
FHWA

S.D.D. 15 C 12-2

6

S.D.D. 15 C 12-2



TRAFFIC CONTROL, VEHICLE ENTRANCE/EXIT OR HAUL ROAD	
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
APPROVED 5/23/00 DATE	<i>Chita J. Spang</i> CHIEF SIGNS AND MARKING ENGINEER
FHWA	