RAILROAD

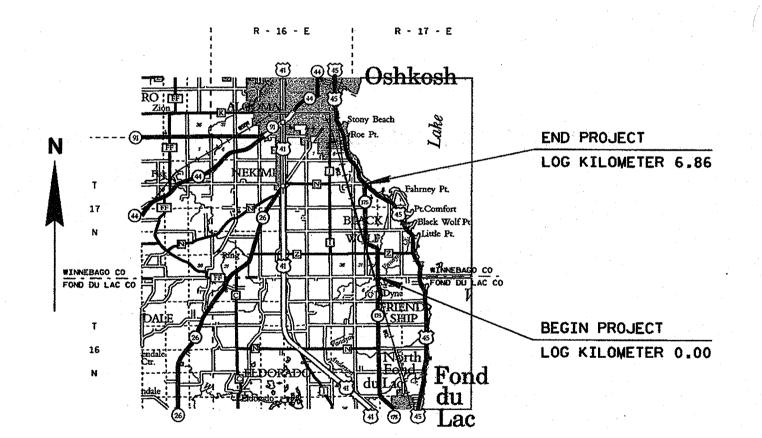
# STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION

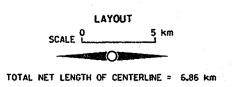
STATE HIGHWAY REHABILITATION-MAINTENANCE PROJECT

# SOUTH COUNTY LINE - USH 45

STH 175 CTH R"
WINNEBAGO COUNTY

STATE PROJECT NUMBER 4120-06-60





STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

FEDERAL PROJECT

CONTRACT

PROJECT

STATE PROJECT

4120-06-60

PREPARED BY Surveyor

Designer J. L. TREADWAY

District Exominer

District Supervisor M. R. KING

Proj. Dev. Engineer

C.O. Examiner N.R. AFFELDT

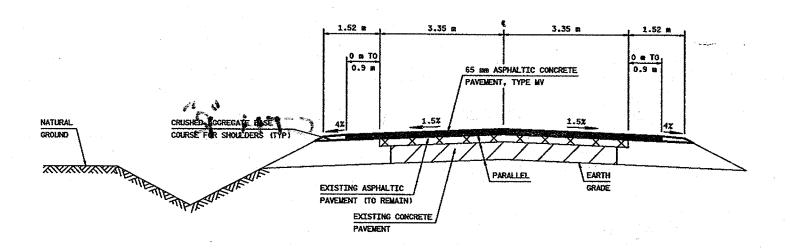
APPROVED FOR DISTRICT OFFICE

DATE: 6/216/78 LED (Signature)

MITHORIZED FOR CENTURY OFFICE MAINTENANCE

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#### TYPICAL FINISHED CROSS SECTION FOR STH 175

### GENERAL NOTES

WHEN THE QUANTITY OF CRUSHED AGGREGATE BASE COURSE AND ASPHALTIC CONCRETE PAVEMENT, TYPE MV ARE MEASURED FOR PAYMENT BY THE Mg. THE DEPTH OR THICKESS AS SHOWN ON THE PLAN IS APPROXIMATE AND THE ACTUAL THICKNESS WILL DEPEND UPON THE DISTRIBUTION OF THE MATERIAL AS DIRECTED BY THE ENGINEER IN THE FIELD.

PROPERTY OWNERS SHALL BE NOTIFIED 48 HOURS IN ADVANCE FOR DRIVEWAY CLOSURES AND ACCESS RESTRICTIONS TO THEIR PROPERTY.

PAVEMENT MARKING, SAME DAY, EPOXY SHALL APPLY TO CENTERLINE AND NO PASSING ZONE LINE ONLY AND ONLY ON THE UPPER LAYER.

TEMPORARY PAVEMENT MARKING SHALL APPLY TO INTERMEDIATE COURSES. THE CRUSHED AGGREGATE FOR SHOULDERS ADJACENT TO THE ASPHALTIC SURFACE SHALL NOT BE PLACED UNTIL AFTER THE ASPHALTIC UPPER LAYER HAS BEEN PLACED.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY FACILITIES AS SHOWN ON THE PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY FACILITIES WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

THE BUITT JOINT CONSTRUCTED AT THE BEGINNING OF THE PROJECT SHALL START JUST SOUTH OF THE INTERSECTION OF STH 175 AND LONE ELM ROAD.

BUTT JOINTS SHALL BE CONSTRUCTED AT THE BEGINNING AND END OF THE PROJECT AND AT ALL ASPHALTIC SURFACED INTERSECTIONS AND PRIVATE ENTRANCES.

TACK SHALL BE APPLIED BETWEEN THE EXISTING PAVEMENT AND EACH LAYER AT A RATE OF 0.113 L/m2.

PAVE FULL WIDTH IN CURB AND GUTTER AREAS.

THE PROJECT BEGINNING AND END ARE APPROXIMATE. THE EXACT PROJECT LIWITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE 65 MM ASPHALTIC CONCRETE PAVEMENT SHALL BE CONSTRUCTED WITH A 35 mm UPPER LAYER OVER A 30 mm LOWER LAYER.

## STANDARD DETAIL DRAWINGS (METRIC)

PAVEMENT MARKING (MAINLINE)	15C8-8a
PAVEMENT MARKING (INTERSECTIONS)	15C8-8b
TRAFFIC CONTROL FOR LANE CLOSURE	
(SUITABLE FOR MOVING OPERATIONS)	15C12-2

#### UTILITIES

DIGGER'S HOTLINE 1-800-242-8511 (TOLL FREE)

AMERITECH

ATTN: ENGINEERING DEPARTMENT 70 E DIVISION STREET 920-929-1000

FOND DU LAC, WISCONSIN 54935

MIARCUS CABLE

ATTN: JEFF GERNER 920-923-4395 55 W SCOTT

FOND DU LAC, WISCONSIN 54935

TIORN OF BLACK WOLF

ATTN: JILL PUTZER 920-235-1606 514 E FISK AVENUE OSHKOSH, WISCONSIN 54901

WISCONSIN PUBLIC SERVICE CORP ATTN: STEVEN L. DEMERRITT 920-433-1716 700 NORTH ADAMS STREET P.O. BOX 19001

GREEN BAY, WISCONSIN 54307-9001

SCALE: 1:

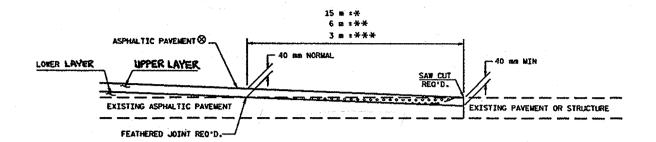
HWY: STH 175

COUNTY: WINNEBAGO

STATE PROJECT NO: 4120-06-60

SHEET NO: 2.1

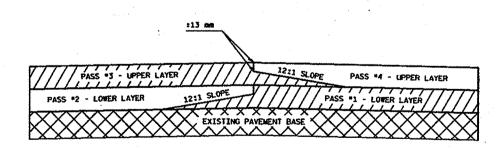
TYPICAL CROSS SECTION



**⊗ SEE TYPICAL CROSS SECTION FOR** PAVEMENT TYPE AND THICKNESS
OF INDIVIDUAL LAYERS. REMOVING ASPHALTIC SURFACE, BUTT JOINTS (MILLING OPTION)

BUTT JOINT DETAIL FOR NON-WILLED ASPHALTIC PAYEMENTS

\* MAINLINE \*\* SIDEROADS \*\*\* PRIVATE ENTRANCES



TYPICAL SECTION LONGITUDINAL JOINTS

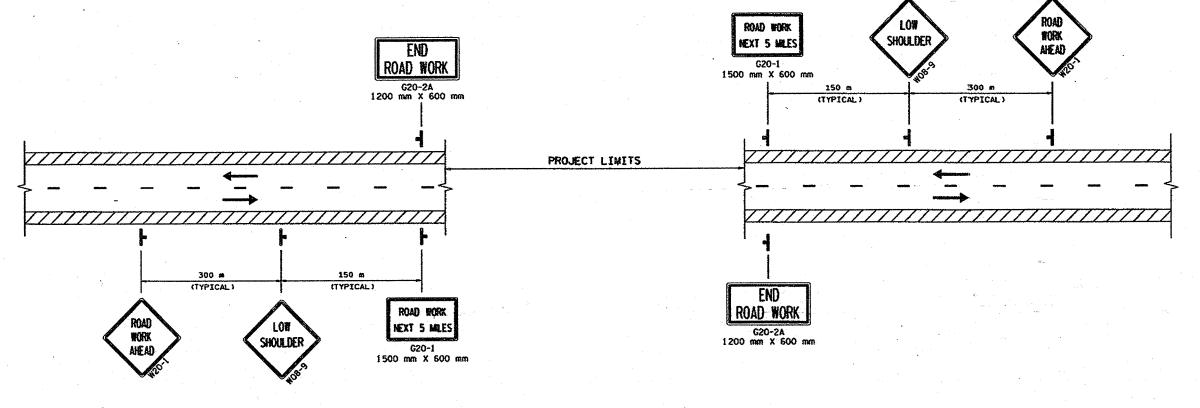
CONSTRUCTION DETAILS

SCALE: 1:

HWY: STH 175

COUNTY: WINNEBAGO

STATE PROJECT NO: 4120-06-60



PROJECT ADVANCE WARNING SIGNS

\*PLACE LOW SHOULDER SIGN AT APPROXIMATELY 2.4 km SPACING THROUGHOUT THE PROJECT. ALSO PLACE SIGN AS NEEDED NEAR INTERSECTIONS.

### TRAFFIC CONTROL NOTES

ALL SIGNS ARE 1 200 mm x 1 200 mm UNLESS OTHERWISE NOTED.
"NO" SIGN ARE THE SAME AS "W" SIGNS EXCEPT THE BACKGROUND
IS ORANGE.
THE EXACT NUMBER, LOCATION AND SPACING OF ALL SIGNS AND
DEVICES SHALL BE ADJUSTED TO FIT FIELD CONDITIONS AS
DIRECTED BY THE ENGINEER IN THE FIELD.

# SYMBOLS

DIRECTION OF TRAFFIC FLOW

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL DETAIL

SCALE: 1:

HWY: STH 175

COUNTY: WINNEBAGO

STATE PROJECT NO: 4120-06-60

15 m :\* 6 m :\*\* 3 m :\*\*\* ASPHALTIC PAVEMENT⊗. UPPER LAYER LOWER LAYER EXISTING ASPHALTIC PAVEMENT EXISTING PAVENENT OR STRUCTURE FEATHERED JOINT REO'D .-

SEE TYPICAL CROSS SECTION FOR PAVEMENT TYPE AND THICKNESS OF INDIVIDUAL LAVERS.

REMOVING ASPHALTIC SURFACE, BUTT JOINTS (MILLING OPTION)

BUTT JOINT DETAIL FOR NON-WILLED ASPHALTIC PAVEWENTS

\* MAINLINE \*\* SIDEROADS \*\*\* PRIVATE ENTRANCES

PASS \*3 - UPPER LAYER PASS #2 - LOWER LAYER EXISTING PAVEMENT BASE

TYPICAL SECTION LONGITUDINAL JOINTS

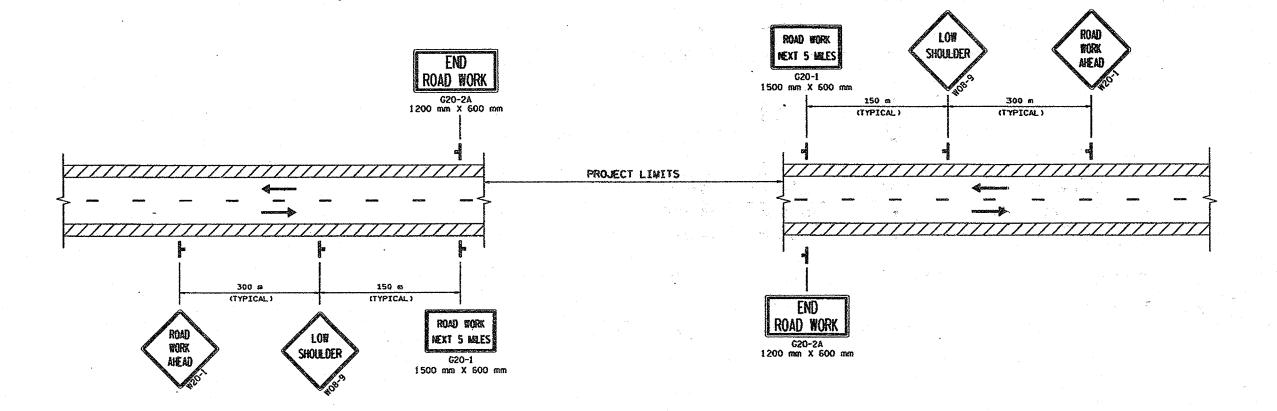
CONSTRUCTION DETAILS

SCALE: 1:

HWY: STH 175

COUNTY: WINNEBAGO

STATE PROJECT NO: 4120-06-60



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# SYMBOLS

DIRECTION OF TRAFFIC FLOW

SIGN ON PERMANENT SUPPORT

TRAFFIC CONTROL DETAIL

SCALE: 1:

HWY: STH 175

COUNTY: WINNEBAGO

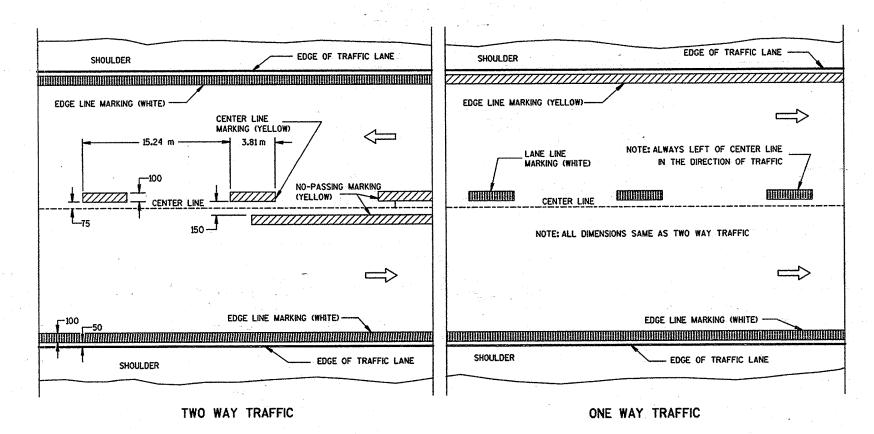
STATE PROJECT NO: 4120-06-60

DATE 26	AUG98	en e	STIN	ATE OF QUA	NTITIES	·		SHEET:	3.1
LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	4120-06-60 QUANTITY				
0010	20419	REHOVING ASPHALTIC SURFACE, BUTT JOINTS	H2	1,370.00	1,370.00				
0020	21101	PREPARATION OF FOUNDATION FOR ASPHALTIC PAVING	LS	1.00	1.00				
0030	21301	FINISHING ROADWAY	LS	1.00	1.00				
8040	30404	CRUSHED AGGREGATE BASE COURSE	HG	1,750.00	1,750.00	•	•		
0050	40204	ASPHALTIC MATERIAL FOR TACK COAT	L	14,220.00	14,220.00				٠
0060	40301	QHP, ASPHALTIC MIXTURE	HG	10,130.00	10,130.00				
0070	40501	ASPHALTIC MATERIAL FOR PLANT MIXES	HC	560.00	560.00		•		
0800	40713	ASPHALTIC CONCRETE PAVEHENT, TYPE MV	HG	10,130.00	10,130.00	•		41	e.,
0090	61910	NOBILIZATION	LS	1.00	1.00				
0100	62401	WATER	KL	49.00	40.00				
0110	64202	FIELD OFFICE, TYPE B	LS	1.00	1.00			<del></del>	
0120	64301	TRAFFIC CONTROL	LS -	1.00	1.00				
0130	64326	TRAFFIC CONTROL, SIGNS	DAYS	510.00	510.00			•	
0140	64602	PAVEHENT MARKING, 100 HM, EPOXY	H	13,565.00	13,565.00				
0150	64626	PAVEMENT MARKING, SAME DAY, 100 MM, EPOXY	H	4,960.00	4,960.00		* * * * * * * * * * * * * * * * * * * *		
0160	64901	TEMPORARY PAVENENT MARKING, 100 MM	H	3,910.00	3,910.00				<del></del>
0170	66501	SAWING EXISTING PAVENENT	Ħ	325.00	325.00			*	

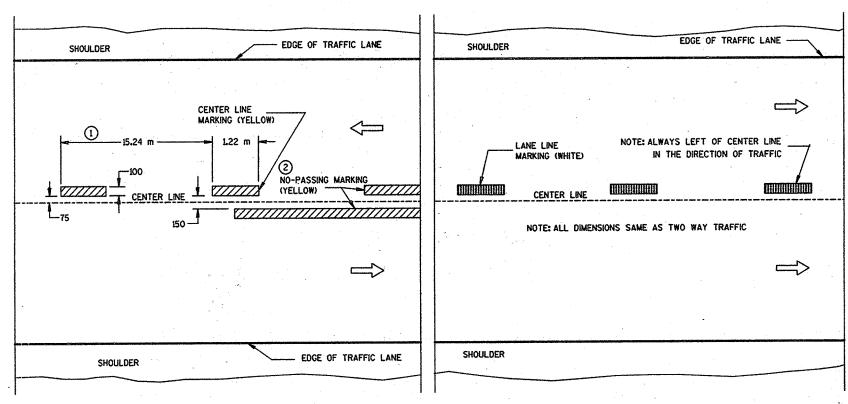
30.00

30.00

SAWING	PAVEMENT SUMMARY				REMOVING ASPHATLIC ITEMS			PREPARATION	OF FOUNDATION SUMMARY	
LOCATION	SAWING CONCRETE PAVEMENT, FULL DEPTH	SAWING EXISTING PAVEMENT RI		LOG km	LOCATION	REMOVING ASPHALTIC SURFACE, BUTT JOINTS	LOG km	1 TO LOG km	LOCATION	PREPARATION OF FOUNDATION FOR ASPHALTIC
MAINLINE SIDEROADS DRIVEWAYS TOTALS	36 30	15 50 260 325		0.00 0.02 1.61 2.88 3.78 5.31 6.86	STH 175 LONE ELM ROAD CTH Z SWISS ROAD BLACK WOLF ROAD NOKLIBL ROAD STH 175 DRIVEWAYS TOTAL	102 82 90 82 82 40 102 790	0.00	- 6.86	STH 175 ROADWAY & SHOULDERS LT. & RT. TOTAL	PAVING LS 1 1
CRUSHED .AGG	REGATE BASE COURSE S	LIMMARY	*				*	ASPHALTIC SUMMAR		
LOG km TO LOG km	LOCA	· · · · · · · · · · · · · · · · · · ·	CRUSHED AGGREGATI BASE COURSE SHOULD	e water Der kl		LOG Km To LOG Km	LOCATION	ASPHALTIC ASP	 PHALTIC MATERIAL QUAL	LITY
0.00 - 6.86	STH 175 LT	. A RT.	Mg 1630	35				PAVEMENT TYPE MV TA Mg CO	DAT MIXES ASPHA	RAM, ALTIC
	DRIVEWAYS	& FIELD ENTRANCES	120	5 40					- e % PAVEM Mg Mg	
		TOTAL	S 1750	40		0.00 - 6.86	MAINLINE SIDEROADS DRIVEWAYS	9 366 1 624 140	880 35	366 624 140
				:			TOTALS			130
				· ·						
		4 <b>€</b>		*					· · · · · · · · · · · · · · · · · · ·	
					•					
TEMPORARY PAVE	EMENT MARKING SUMMARY	<u>Y</u>			TRAFFIC CONTROL SUMMAR	<u>Y</u> .		.,	PAVEMENT MARKING, EPOXY	
LOCATION	100 mm, YE CENTERLI	ELLOW INE		LOCATI	SERVICE	SIGNS		LOCATION	100mm 100mm Y	ELLOW DAY
	SOLID	DASHED m			PERIOD DAYS	NO. IN DAYS SERVICE			EDGELINE SOLID C/L	NO PASSING
STH 175	3410	500		STH 175 SIDEROA MOVING	5 15 ADS 15 OPERATIONS 10	12 180 18 270 6 60		STH 175	13 565 1550	m 3410
TOTALS	3910				TOTAL	36 510		TOTALS		960
	1 4									
	#	and the second of the second o								



# 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 (7.62 m±) WITH 600 mm 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

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

PAVEMENT MARKING (MAINLINE)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

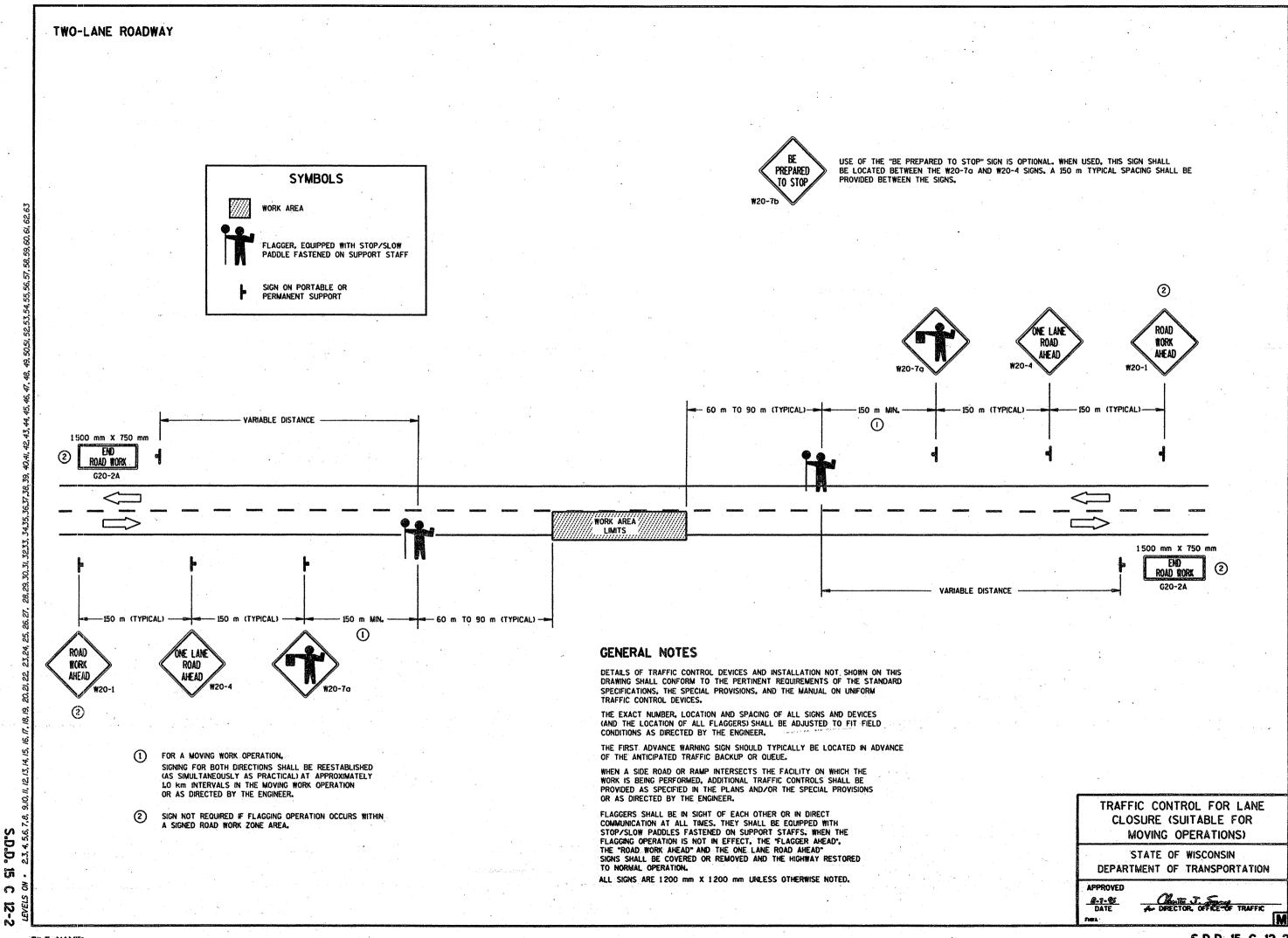
APPROVED

4-10-98 (CHE

CHIEF SIGNS AND MARKING ENGINEER

FILE NAME:

S.D.D. 15 C 8-8b



FILE NAMES

S.D.D. 15 C 12-2