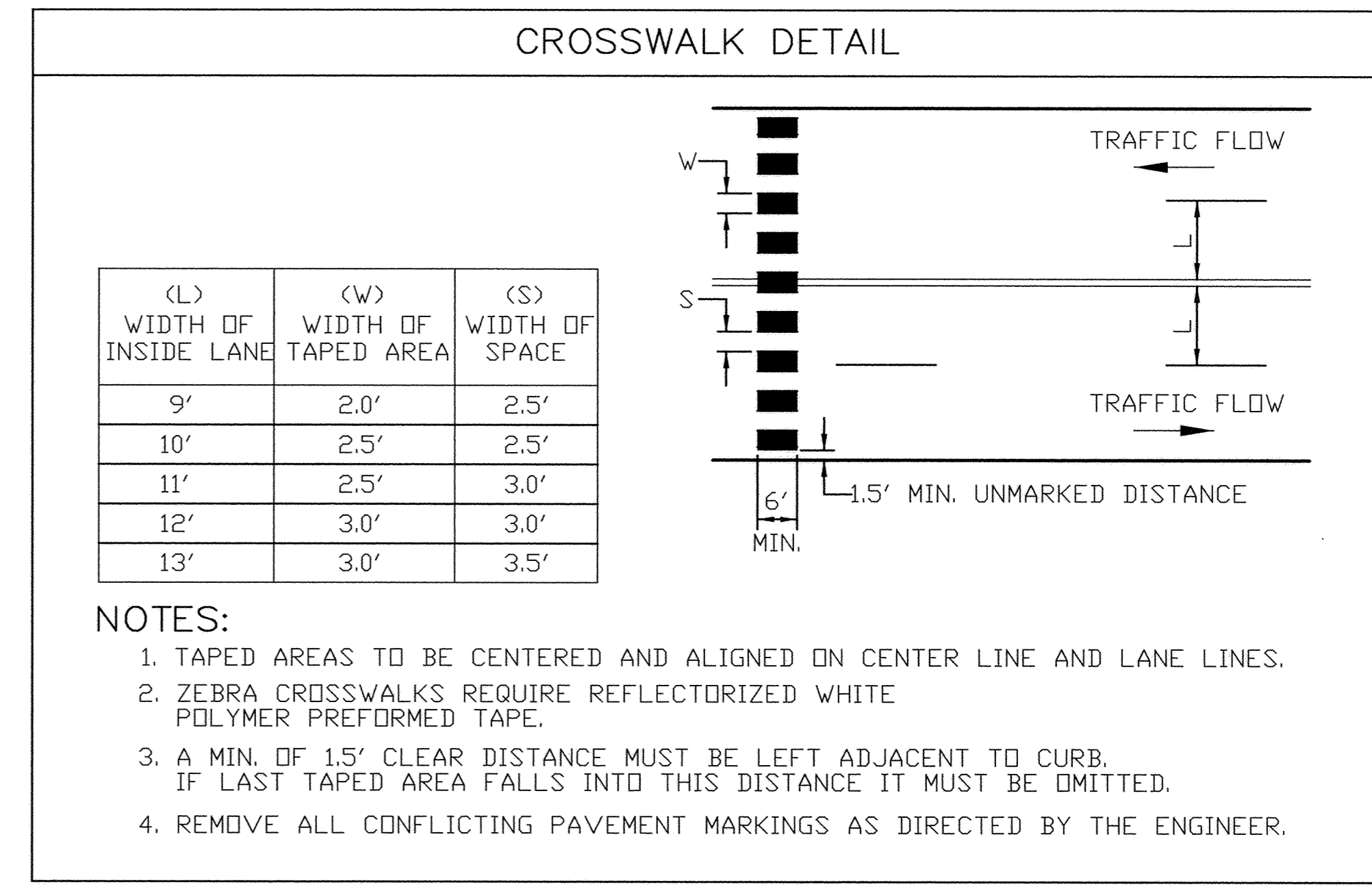


LEGEND OF SYMBOLS

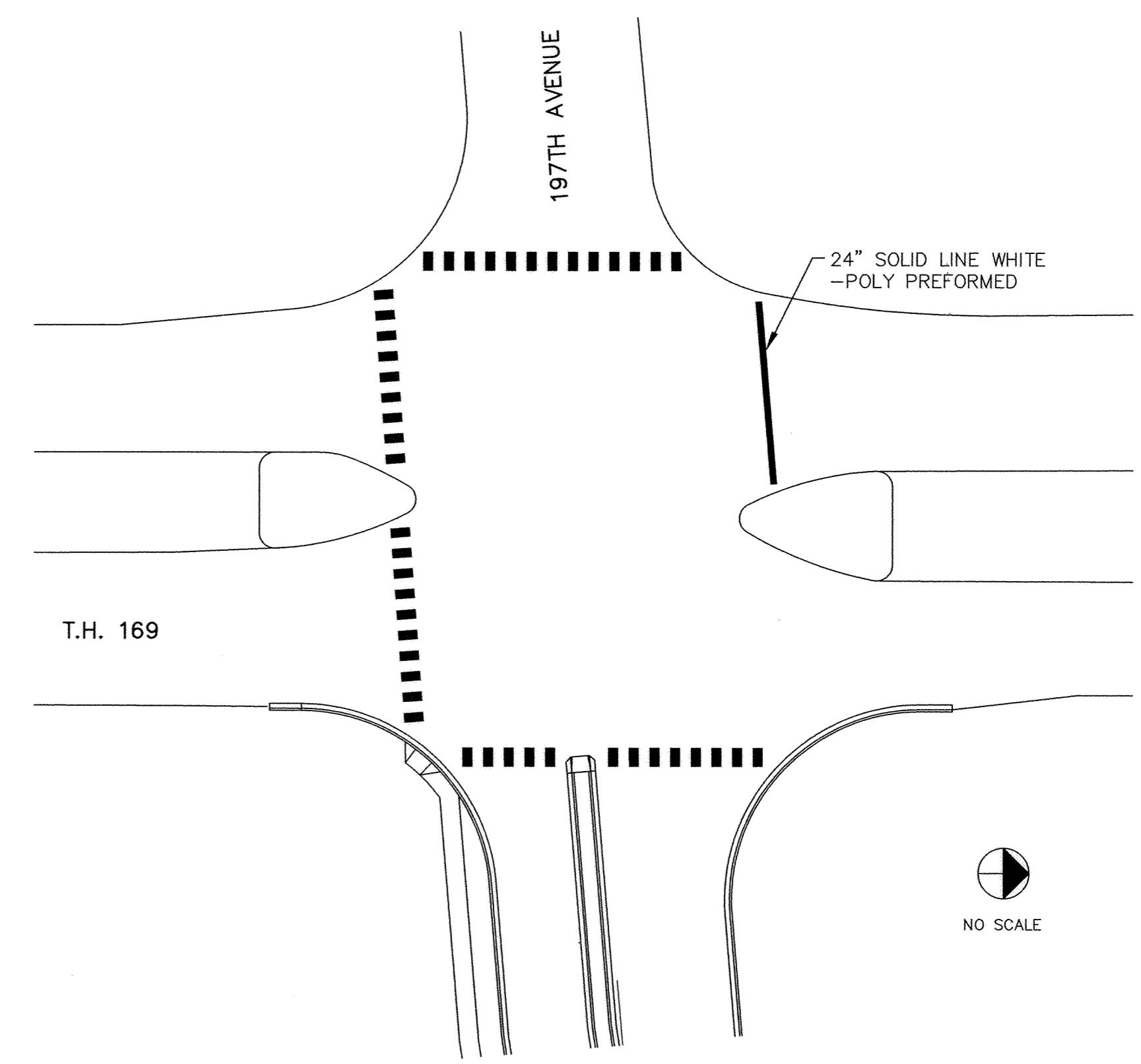
CONTROLLER & SERVICE EQPT. NOS.	(A)
SIGNAL BASE NO.	(3)
SIGNAL FACE NO. (PHASE 2 - FACE 1)	(2-1)
LUMINAIRE NO.	(A)
CONTROLLER & CABINET	[Symbol]
CONTROLLER & CABINET INPLACE	[Symbol]
HANDHOLE	[Symbol]
HANDHOLE INPLACE	[Symbol]
RIGID STEEL CONDUIT (RSC)	-----
RIGID STEEL CONDUIT INPLACE	-----
SIGNAL FACE w/ BACKGROUND SHIELD	[Symbol]
SIGNAL FACE w/o BACKGROUND SHIELD	[Symbol]
SIGNAL FACE INPLACE	[Symbol]
PEDESTRIAN INDICATORS	[Symbol]
PEDESTRIAN INDICATORS INPLACE	[Symbol]
PEDESTRIAN PUSHBUTTONS ON PEDESTAL OR POLE	[Symbol]
PEDESTRIAN PUSHBUTTON STATION	[Symbol]
TRAFFIC SIGNAL PEDESTAL	[Symbol]
TRAFFIC SIGNAL PEDESTAL INPLACE	[Symbol]
TRAFFIC SIGNAL POLE & MAST ARM	[Symbol]
TRAFFIC SIGNAL POLE & MAST ARM INPLACE	[Symbol]
STREET LIGHT POLE & LUMINAIRE	[Symbol]
STREET LIGHT POLE & LUM. INPLACE	[Symbol]
MAST ARM & LUMINAIRE	[Symbol]
MAST ARM & LUMINAIRE INPLACE	[Symbol]
WOOD POLE	[Symbol]
WOOD POLE INPLACE	[Symbol]
SOURCE OF POWER	[Symbol]
RAILROAD SIGNAL INPLACE	[Symbol]
SPLICE	[Symbol]
EMERGENCY VEHICLE PREEMPTION DETECTOR	[Symbol]
RIGHT OF WAY LINE	[Symbol]
EXISTING RIGHT OF WAY LINE	[Symbol]
CENTERLINE	[Symbol]
FACE OF CURB	[Symbol]
STOP BAR	[Symbol]

STANDARD PLATES	
THE FOLLOWING STANDARD PLATES APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION, SHALL APPLY ON THIS PROJECT	
PLATE NO.	DESCRIPTION
* 7035 J	CONCRETE WALK AND CURB RETURNS AT ENTRANCES
* 8000 I	STANDARD BARRICADES
* 8110 C	TRAFFIC SIGNAL BRACKETING (POLE MOUNTED)
* 8111 B	TRAFFIC SIGNAL BRACKETING (PEDESTAL MOUNTED)
* 8112 C	PEDESTAL FOUNDATION
* 8113 C	MAGNETIC VEHICLE DETECTOR INSTALLATION
* 8115 C	PEDESTRIAN PUSHBUTTON INSTALLATION
* 8117 F	PRECAST CONCRETE HANDHOLE
* 8118 C	SERVICE EQUIPMENT AND POLE, TRAFFIC CONTROL SIGNALS
* 8119 C	GROUND MOUNTED CABINET FOUNDATION
* 8120 K	PA-85 POLE FOUNDATION
* 8121 D	TRANSFORMER BASE WITH POLE BASE PLATE
* 8122 C	PEDESTAL AND PEDESTAL BASE
* 8123 D	POLE AND MAST ARM
* 8124 D	MAST ARM SIGNAL HEAD MOUNTS
* 8126 F	PA-90 & 100 POLE FOUNDATION
* 8130 D	SAW CUT LOOP DETECTORS

* STANDARD PLATES APPLICABLE TO THIS PROJECT



PAVEMENT MARKINGS LAYOUT



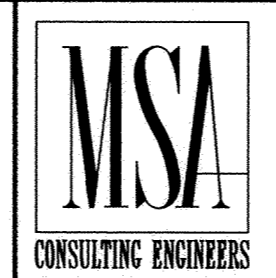
RECORD PLAN
DECEMBER 1998

ABBREVIATIONS

3-1 (eg)	SIGNAL HEAD PHASE '3' - NO. '1'	PEC	PHOTOELECTRIC CELL
BL	BLUE	PED	PEDESTRIAN
BL/BLK	BLUE WITH BLACK TRACER	R	RED
BLK	BLACK	R & S	REMOVE AND SALVAGE
BLK/WH	BLACK WITH WHITE TRACER	R/BLK	RED WITH BLACK TRACER
BR.GR.	BARE GROUND	RLTA	RED LEFT TURN ARROW
CH.SW.	CHECK SWITCH	RSC	RIGID STEEL CONDUIT
CLR	CLEAR	SOP	SOURCE OF POWER
D2-1 (eg)	DETECTOR PHASE '2' - NO. '1'	SPR	SPARE
DNL	DOWNLIGHT	ST LHT	STREET LIGHT
DWK	DOWN WALK	STA	STATION
EGG	EQUIPMENT GROUND	SW	SWITCH
EVP	EMERGENCY VEHICLE PRE-EMPTION	SWD	SWITCHED
F & I	FURNISH AND INSTALL	TDW	TELEPHONE DROP WIRE
FL	FLASH/FLASHING	WH	WHITE
G	GREEN	WH/BLK	WHITE WITH BLACK TRACER
G/BLK	GREEN WITH BLACK TRACER	WLK	WALK
GLTA	GREEN LEFT TURN ARROW	YEL	YELLOW
GRN	GREEN	YLTA	YELLOW LEFT TURN ARROW
GR. R.	GROUND ROD	YTHA	YELLOW THRU ARROW
GRTA	GREEN RIGHT TURN ARROW		
GTHA	GREEN THRU ARROW		
HH	HANDHOLE		
HPS	HIGH PRESSURE SODIUM		
IMC	INTERMEDIATE METAL CONDUIT		
JB	JUNCTION BOX		
LUM	LUMINAIRE		
MV	MERCURY VAPOR		
NEU	NEUTRAL		
NMC	NONMETALLIC CONDUIT		
O	ORANGE		
O/BLK	ORANGE WITH BLACK TRACER		
P2	PEDESTRIAN INDICATIONS PHASE '2'		
P2-1 (eg)	PEDESTRIAN INDICATIONS PHASE '2' - NO. '1'		
PB	PUSHBUTTON		
PB2-1 (eg)	PUSHBUTTON PHASE '2' - NO. '1'		

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY REGISTERED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

George M. Thompson
DATE 3/11/97 REG. NO. 21849



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ST. PAUL, MINNESOTA 55108
(612) 644-4389

REVISIONS	DATE	DESCRIPTION	DESIGNED	CHECKED	DRAWN

GRAPHIC SCALE
0 NA

CITY OF ELK RIVER TRUNK HIGHWAY 169 AT 197TH AVENUE S.A.P. 204-116-01 DETAILS AND STANDARD PLATES	
DATE DEC 1996	SHEET 2 OF 9 SHEETS
PROJECT NO. 230-306	

1309