

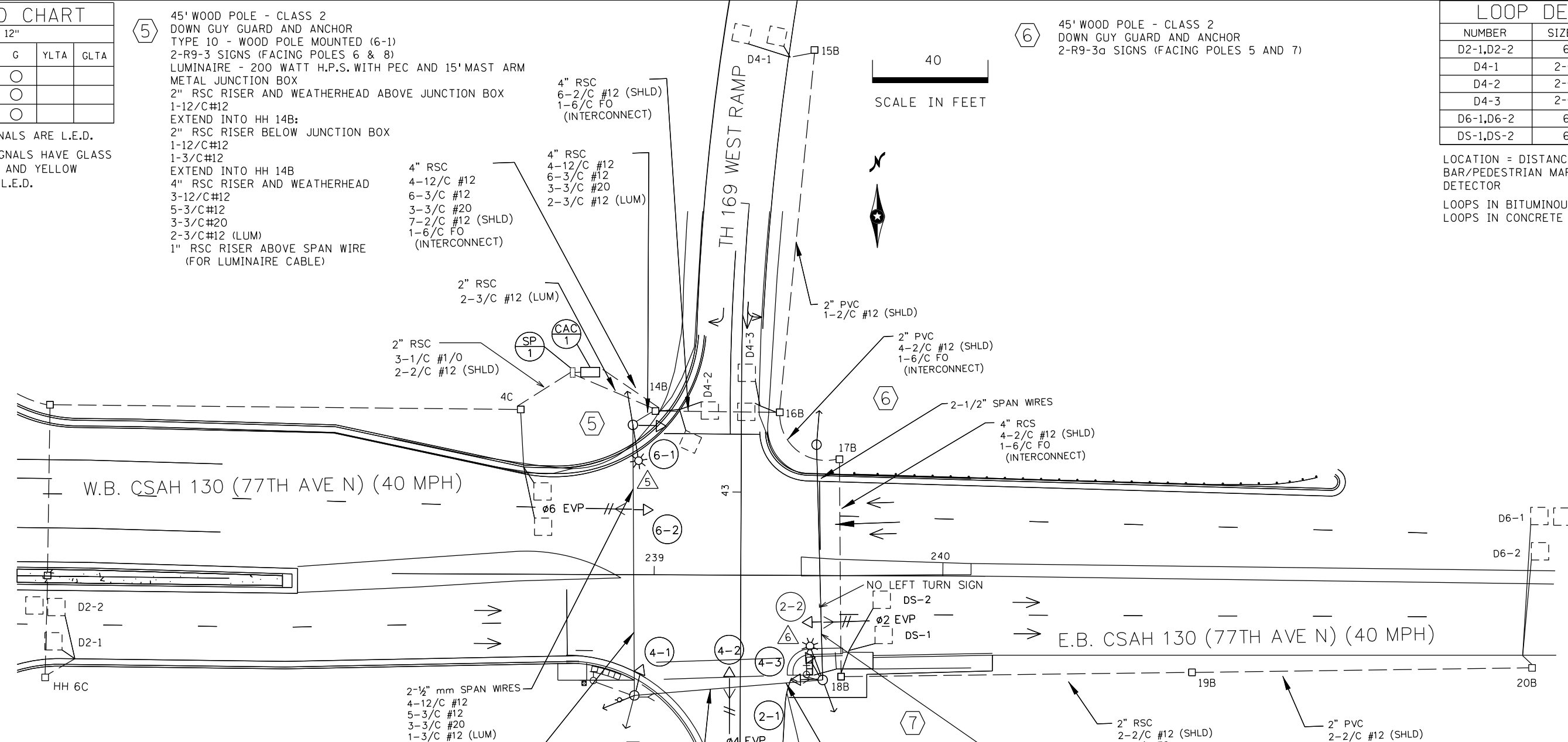
SIGNAL HEAD CHART					
ALL INDICATIONS ARE 12"					
FACE	R	Y	G	YLTA	GLTA
2-1,2-2	○	○	○		
4-1,4-2,4-3	○	○	○		
6-1,6-2	○	○	○		

5 45' WOOD POLE - CLASS 2  
 DOWN GUY GUARD AND ANCHOR  
 TYPE 10 - WOOD POLE MOUNTED (6-1)  
 2-R9-3 SIGNS (FACING POLES 6 & 8)  
 LUMINAIRE - 200 WATT H.P.S. WITH PEC AND 15' MAST ARM  
 METAL JUNCTION BOX  
 2" RSC RISER AND WEATHERHEAD ABOVE JUNCTION BOX  
 1-12/C#12  
 EXTEND INTO HH 14B:  
 2" RSC RISER BELOW JUNCTION BOX  
 1-12/C#12  
 1-3/C#12  
 EXTEND INTO HH 14B  
 4" RSC RISER AND WEATHERHEAD  
 3-12/C#12  
 5-3/C#12  
 3-3/C#20  
 2-3/C#12 (LUM)  
 1" RSC RISER ABOVE SPAN WIRE  
 (FOR LUMINAIRE CABLE)

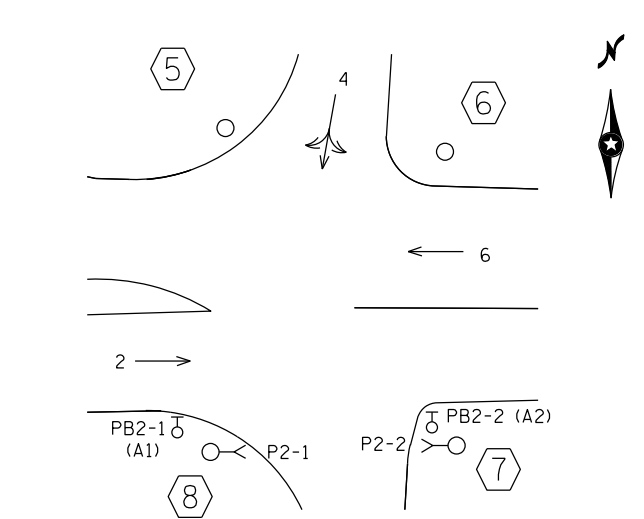
6 45' WOOD POLE - CLASS 2  
 DOWN GUY GUARD AND ANCHOR  
 2-R9-3a SIGNS (FACING POLES 5 AND 7)

LOOP DETECTORS		
NUMBER	SIZE (FEET)	LOCATION
D2-1,D2-2	6 X 6	180'
D4-1	2-6 X 6	180'
D4-2	2-6 X 6	-5'&5'
D4-3	2-6 X 6	5'&20'
D6-1,D6-2	6 X 6	250'
DS-1,DS-2	6 X 6	

LOCATION = DISTANCE IN FEET FROM STOP BAR/PEDESTRIAN MARKINGS TO FRONT OF DETECTOR  
 LOOPS IN BITUMINOUS ARE PVC.  
 LOOPS IN CONCRETE ARE SAWCUT.



CONTROLLER PHASING, PEDESTRIAN INDICATIONS AND PUSH BUTTONS



8 45' WOOD POLE - CLASS 2  
 2-DOWN GUY GUARD AND ANCHORS  
 TYPE 30A - WOOD POLE MOUNTED (P2-1)  
 TYPE 10A - WOOD POLE MOUNTED (4-1)  
 1-CD PED HEAD (P2-1)  
 1-R9-3 SIGN (FACING POLE 5)  
 METAL JUNCTION BOX  
 2" RSC RISER ABOVE JUNCTION BOX  
 1-12/C#12  
 1-3/C#12

PED PB STATION  
 1-APS PB AND SIGN (LT ARROW) (PB2-1)  
 EXTEND INTO JUNCTION BOX:  
 2" PVC  
 1-2/C #14  
 SPLICE TO CABLE 12 IN JUNCTION BOX

SIGNAL SYSTEM OPERATION

- THE SIGNAL SYSTEM FLASH MODE IS ALL RED
- NORMAL OPERATION IS 3 PHASE
- PHASE 2 & PHASE 6 SHALL BE ON VEHICLE RECALL

BY	DATE	REVISIONS
EJA	6-30-15	AS-BUILT OF SP 2772-92 APS & CD PEDS

SYSTEM ID: 21980 T.E.  
 METER ADDRESS:  
 MASTER ID: T.E.

INTERSECTION LAYOUT  
 TH 169 AT CSAH 130 (77TH AVE N) WEST RAMP  
 IN MAPLE GROVE, HENNEPIN COUNTY

S.A.P. NO.	DRAWN BY: MAS	CKD BY: GAK	DATE: 2/19/13
CERTIFIED BY: _____	LIC. NO. _____	DATE: _____	
STATE PROJ. NO.	(T.H. 169)	SHEET NO.	1 OF 2 SHEETS

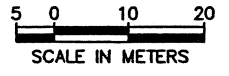
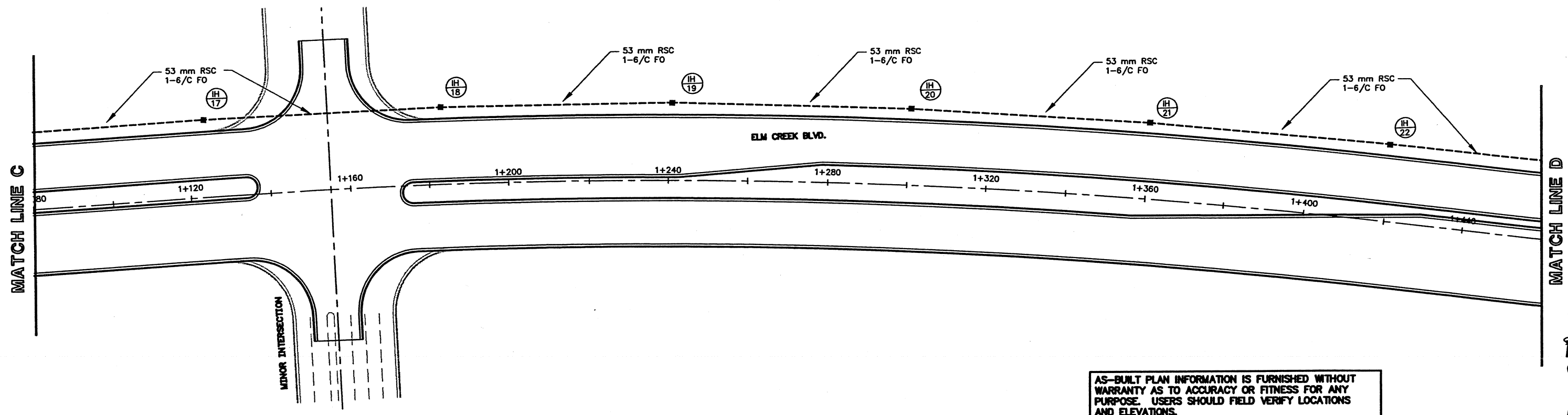
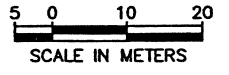
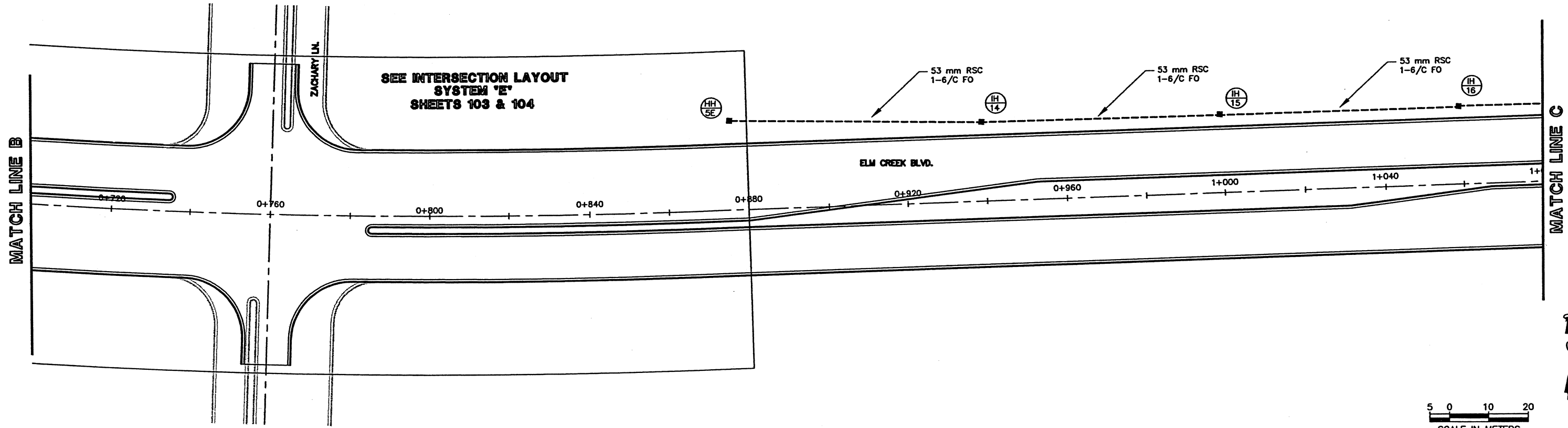
DISTRICT #: \$@DISTRICT@  
 PLOT NAME: \$@PLOT\$NAME@  
 PATH & FILENAME: \$@PATH\$FILENAME@  
 PLOTTED/REVISED: \$@DATE@





DISK FILE NAME: (15.08) R:\MAPLE-CR\33893069\PLAN-SHT\AS-BUILT\INTER2.dwg

PLOT DATE: Nov 16, 2004



AS-BUILT PLAN INFORMATION IS FURNISHED WITHOUT WARRANTY AS TO ACCURACY OR FITNESS FOR ANY PURPOSE. USERS SHOULD FIELD VERIFY LOCATIONS AND ELEVATIONS.

REV. NO.	BY	DATE	REVISIONS DESCRIPTION
1	TWS	5/8/2000	AGENCY COMMENTS
2	TWS	8/23/00	CHANGED INTERCONNECT TO FIBER OPTIC
3	BAC	11/12/04	AS BUILT

DESIGN FILE:  
33893-069-0101

DRAWN BY: MAS  
DESIGN BY: TWS

CHKD. BY: BAC  
DWG. NAME: INTER2.DWG

DATE: 11/12/04

XREF DRAWINGS

PROJ-NOS  
CONDUIT  
ELMC-PRD  
7MG-ROW

THRESHER SQUARE  
700 THIRD STREET SOUTH  
MINNEAPOLIS, MN 55415  
(612)370-0700 (TEL)  
(612)370-1378 (FAX)

A DAMES & MOORE GROUP COMPANY

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 STATE OF MINN. STATUTES SECTION 326.02 TO 326.16.

*Sally Weir*  
DATE: 11/12/04 MINN. REG. NO. 23128

ELM CREEK BOULEVARD  
SIGNAL INTERCONNECT LAYOUT

CITY PROJECT	98-51
COUNTY PROJECT	9635
S.P.	27-730-19
S.P.	189-020-06

SHEET NO.  
120  
155



ALL QUANTITIES AND DIMENSIONS ON PLAN ARE IN METRIC UNITS.