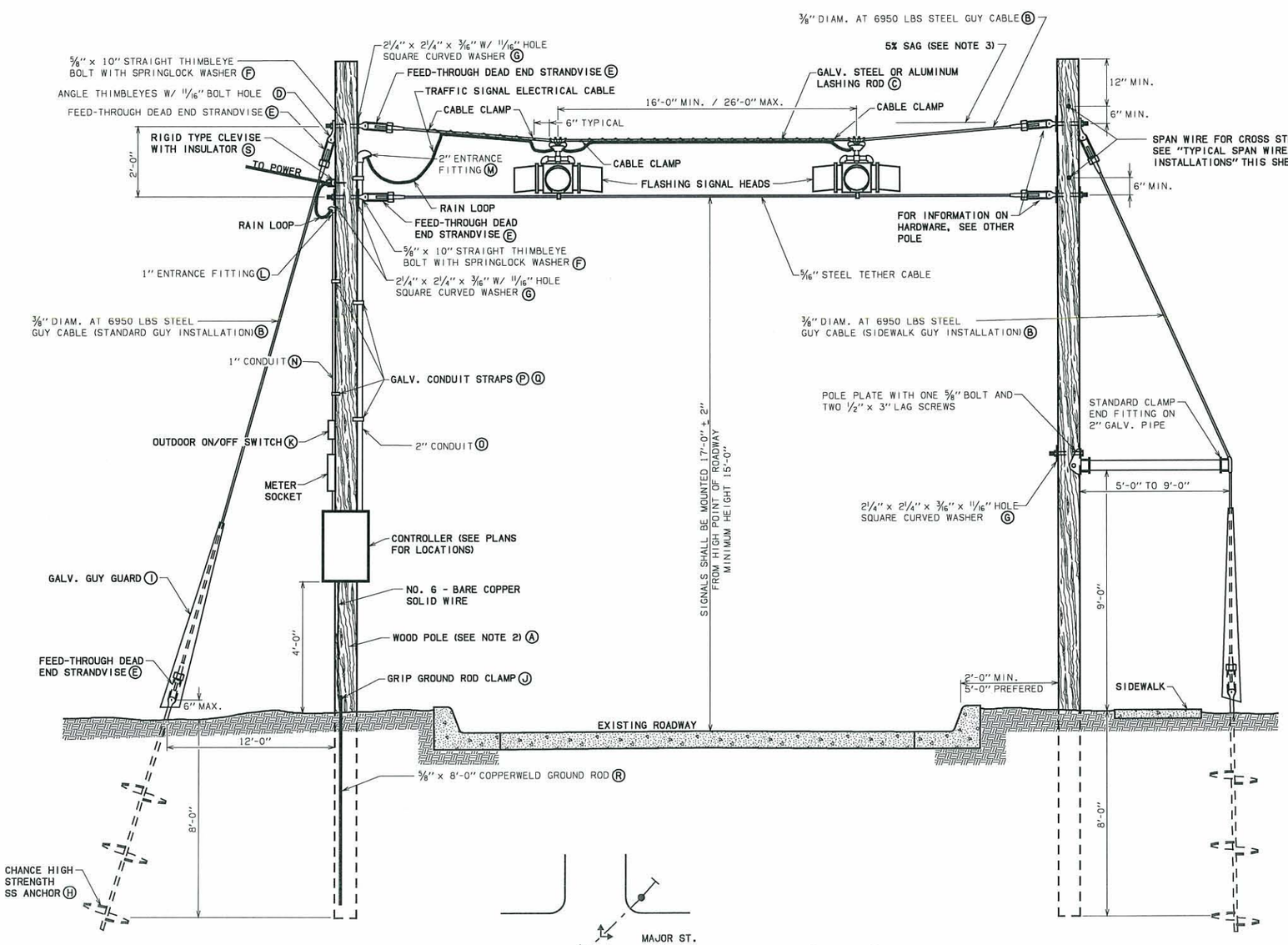
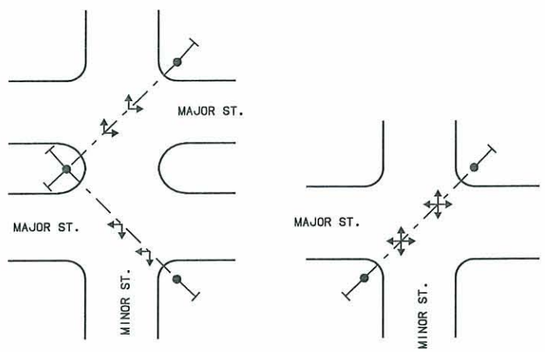
REVISIONS		
DESCRIPTION		DATE





TYPICAL SPAN WIRE INSTALLATIONS

WOOD POLE = ●
SPAN CABLE = —— - - ——
GUY CABLE = —|
TRAFFIC SIGNAL = →

MATERIAL SPECIFICATIONS

A. CLASS 2 WOOD POLE(ASA 05.1-1979, TABLE 8) / EA.

B. 3/8" DIAMETER @ 6950 LBS GALVANIZED STEEL CABLE / L.F.

C. GALVANIZED STEEL LASHING ROD (PREFORMED LR-6102) / EA.

D. DROP FROGED ANGLE THIMBLEYE WITH 11/16" BOLT HOLE (JOSLYN #J6500) / EA.

E. FEED THROUGH DEAD END STRANDVISE (JOSLYN #RS102) / EA.

F. 5/8" x 10" STRAIGHT THIMBLEYE BOLT WITH LOCK WASHER AND NUT (JOSLYN #J-8051) / EA.

G. 2 1/4" SQUARE CURVED WASHER WITH 11/16" HOLE (JOSLYN #J1075) / EA.

H. CHANCE HIGH-STRENGTH SS ANCHORS; INCLUDES LEAD SECTION, PLAIN EXTENSION AND THIMBLEYE ADAPTER / EA.

I. 8'-0" GALVANIZED GUY GUARD (JOSYLN #J-1618) / EA.

J. GROUND ROD WIRE CLAMP (BLACKBURN #GG58H) / EA.

K. OUTDOOR GENERAL PURPOSE SWITCH, 30 AMPS, 2-POLE, 1-FUSE, NEMA 3R, NO. 4141H3241, WITH HUB FOR 1" CONDUIT / EA.

L. ENTRANCE FITTING FOR 1" CONDUIT (APPLETON #F-100) / EA.

M. ENTRANCE FITTING FOR 2" CONDUIT (APPLETON #F-200) / EA.

N. 1" GALVANIZED STEEL ELECTRICAL CONDUIT (SPEC. SEC. 802) / L.F.

O. 2" GALVANIZED STEEL ELECTRICAL CONDUIT (SPEC. SEC. 802) / L.F.

P. GALVANIZED CONDUIT STRAPS (FOR 1" CONDUIT) / EA.

Q. GALVANIZED CONDUIT STRAPS (FOR 2" CONDUIT) / EA.

R. 5/8" x 8'-0" COPPERWELD GROUND ROD (JOSLYN #J5328) / EA.

S. RIGID TYPE CLEVICE (JOSLYN J0399) W/INSULATOR (JOSLYN #J98) / EA.

GENERAL NOTES

1. SIDEWALK GUY INSTALLATION SHALL ONLY BE USED AT LOCATIONS WHERE THERE IS NOT ADEQUATE AREA FOR THE STANDARD GUY INSTALLATION OR WHERE THERE ARE SIDEWALKS ON THE PROJECT.

2. TO CALCULATE THE MINIMUN LENGTH OF POLE NEEDED, THE SUM OF THE FOLOWING MEASURMENTS IS USED: "DEPTH OF THE POLE IN THE GROUND" + OR - "THE ELEVATION FROM THE GROUND SURFACE TO THE CROWN OF THE ROADWAY" + "VERTICAL CLEARANCE MEASUREMENT" + "AN ADDITIONAL 1'-0" FOR HARDWARE AND MOUNTING".

3. **TO MINIMIZE CABLE STRESS A 5% SAG IS TO BE DESIGNED INTO THE INSTALLATION. THIS CAN BE CALCULATED BY MEASURING THE LENGTH OF SPAN BETWEEN POLES AND MULTIPLYING BY 0.05. (SPAN LENGTH x 0.05 = SAG)**

BASIS OF PAYMENT

ITEM NO.	ITEM	UNIT
823	(SP)TRAFFIC SIGNAL SPAN WIRE EQUIPMENT	LSUM

APPROVED BY TRAFFIC ENGINEER: David Smith DATE: 8/5/10

TRAFFIC STANDARD

SPAN WIRE DETAILS (FLASHER)

2009 SPECIFICATIONS

SWD2-1 | 00

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