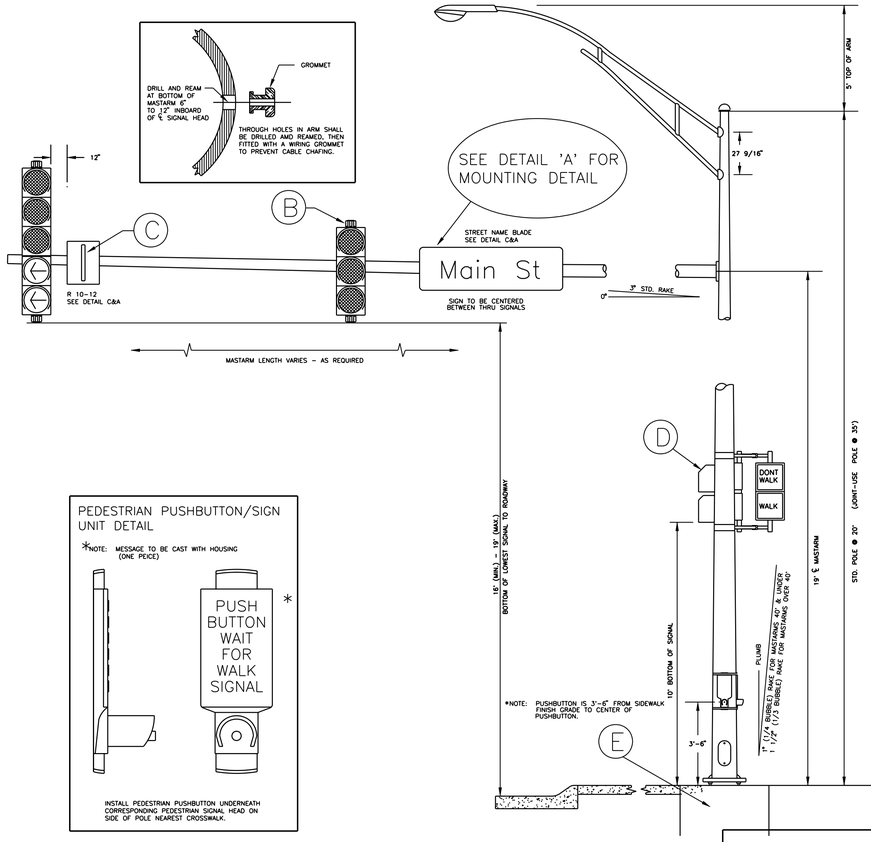
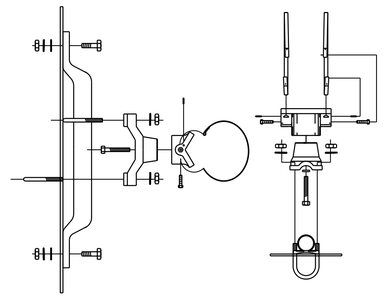


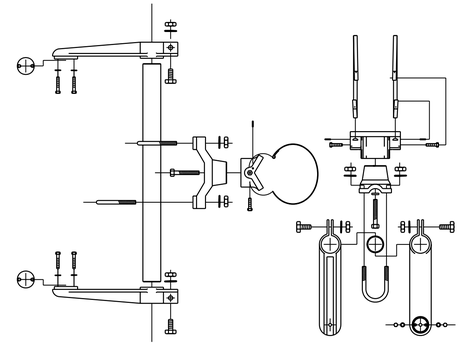
PEDESTRIAN PUSHBUTTON/SIGN UNIT DETAIL

BANDED SIGN MOUNTING BRACKET DETAIL



A

TYPE I SIGNAL MOUNTING BRACKET ASSEMBLY DETAIL



B

STANDARD SIGNING

R 10-12
24" x 30"

LEFT TURN
YIELD
ON GREEN

SEE DETAIL "A" FOR MOUNTING HARDWARE

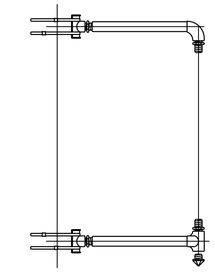
60" x 18"

Street Name

SEE DETAIL "A" FOR MOUNTING HARDWARE USE 2 PER SIGN
SIGN TO BE FACED WITH SUPER HI INTENSITY SHEETING

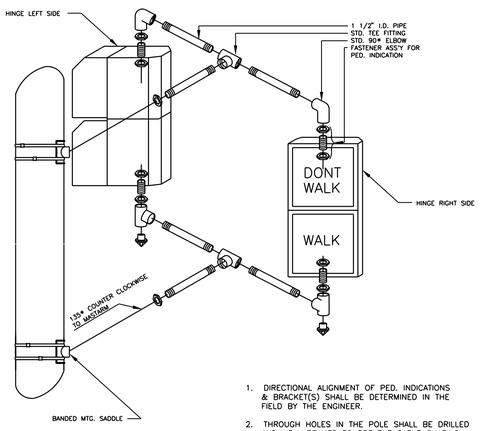
C

TYPE III SIDE-OF-POLE MOUNTING BRACKET ASSEMBLY



F

TYPE II SIGNAL MOUNTING BRACKET ASSEMBLY (SIDE-OF-POLE)



1. DIRECTIONAL ALIGNMENT OF PED. INDICATIONS & BRACKET(S) SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER.
2. THROUGH HOLES IN THE POLE SHALL BE DRILLED AND WELL REAMED TO PREVENT CABLE CHAFING.
3. HINGE PEDESTRIAN SIGNAL DOORS AWAY FROM POLE.

D

Top Coat Finish for Traffic Signal Poles (1)

All visually exposed exterior surfaces shall be coated with a urethane or triglycidyl isocyanurate (TGIC) polyester powder to a minimum dry film thickness (DFT) of 2.0 mils. Prior to application of the top coat, the surface shall be mechanically etched and pre-heated to 450 degrees F for a minimum of one hour. The coating shall be electro-statically applied and cured at a minimum temperature of 400 degrees F. The finished color for the poles shall be black and approved by the Engineer prior to application on the basis of color chip submittals.

Special Finish for Traffic Signal Equipment (1)

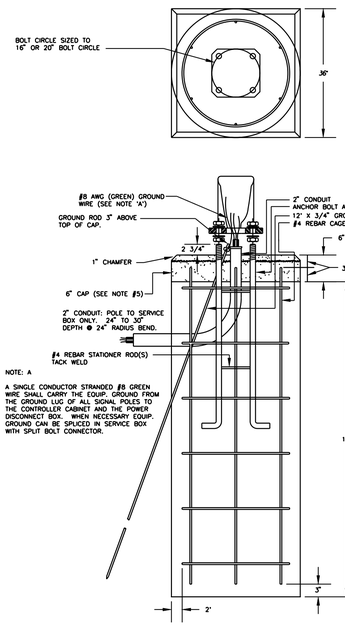
The traffic signal controller cabinet, mounting brackets, signal head backs, meter box, disconnect box, and miscellaneous hardware shall be shop painted with an aerosol lacquor celulose estere. The Contractor shall submit two copies of the proposed coating system to the Engineer for approval prior to application. In addition to the requirements stipulated in the Standard Specifications, banding material shall be coated with ethylene-vinyl-alcohol (EVA) copolymer.

The color for pad mounted equipment including the traffic signal controller cabinet and related hardware shall be Federal Standard 595B, Color No. 20372 (Buckskin).

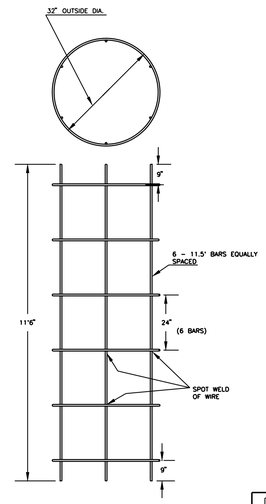
The color of the equipment mounted on the traffic signal poles shall be black to match the poles.

(1) *Does not apply to Temporary Traffic Signals.*

Signal poles will be an alternative flange plate design.



REBAR CAGE



NOTE:

1. THE ANCHOR BOLTS FOR THE SIGNAL POLE SHALL BE TACK WELDED TOGETHER IN A 16" OR 20" DIA. BOLT PATTERN (ON CENTERS AS SHOWN) TO MAINTAIN REQUIRED BOLT CONFIGURATION PATTERN AND TO AID IN VERTICAL POSITIONING WHILE CONCRETE BASE IS POURED.
2. USE ANTI-SEIZE COMPOUND ON ALL THREADS.
3. 12' x 3/4" GROUND ROD TO BE POSITIONED BEFORE POURING BASE.
4. CLASS 'A' CONCRETE SHALL BE USED TO CONSTRUCT BASE.
5. CONSTRUCT A 6" THICK x 36" SQUARE CONCRETE CAP AFTER POLE HAS BEEN ERECTED & PLUMBED. CHAMFER EDGE 1". MUST BE APPROVED BY ENG. BEFORE POURED.
6. CONDUIT SHALL HAVE PLASTIC (OR METAL) BUSHING (ABOVE BASE) TO PREVENT CABLE CHAFING.
7. USE #6 BARE COPPER GROUND CONDUCTOR FROM CLAMP TO GROUND BOLT IN ACCESS HOLE

E

RECORD DRAWING

THE CITY OF WICHITA

CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202
(316) 268-4501
(316) 268-4114 FAX

PROJECT DESCRIPTION
STEEL SIGNAL POLE ASSEMBLY DETAILS

PROJECT NUMBER

DRAWN BY: T.M.	SCALE	REVISED BY:
DATE: April, 2002	NO SCALE	DATE:

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS

DIVISION OF TRAFFIC ENGINEERING
WM. G. McKINLEY P.E. TRAFFIC ENGINEER

SHEET 665 OF 1122

Scale: 393.7
i:/1997/97362/As-Builts/dgn's/Vol_3/Sh 665-sigpol-e.dgn Last Rev: 9-19-07 By: gdr