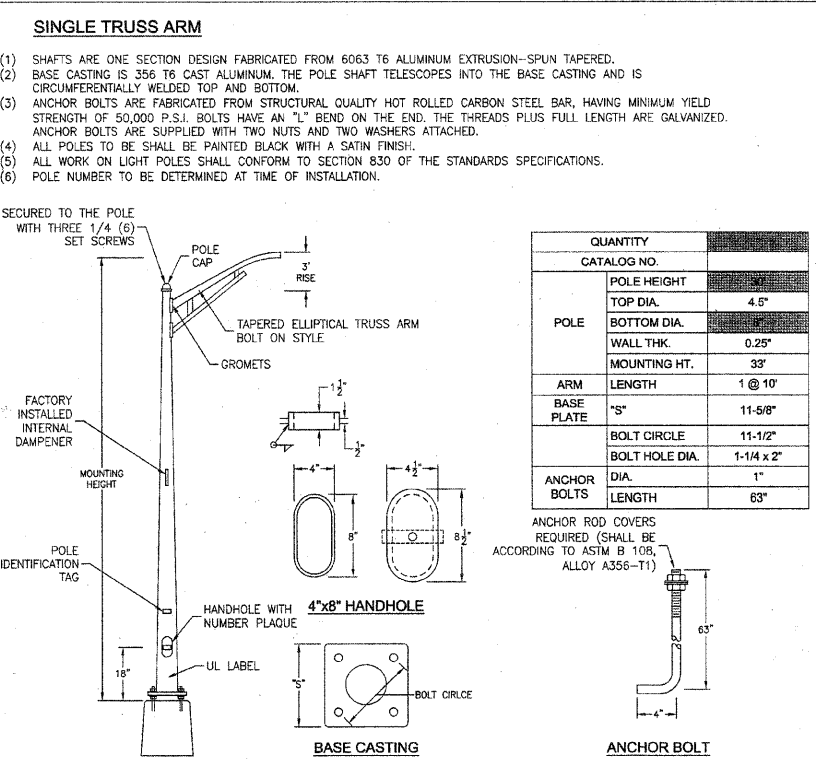
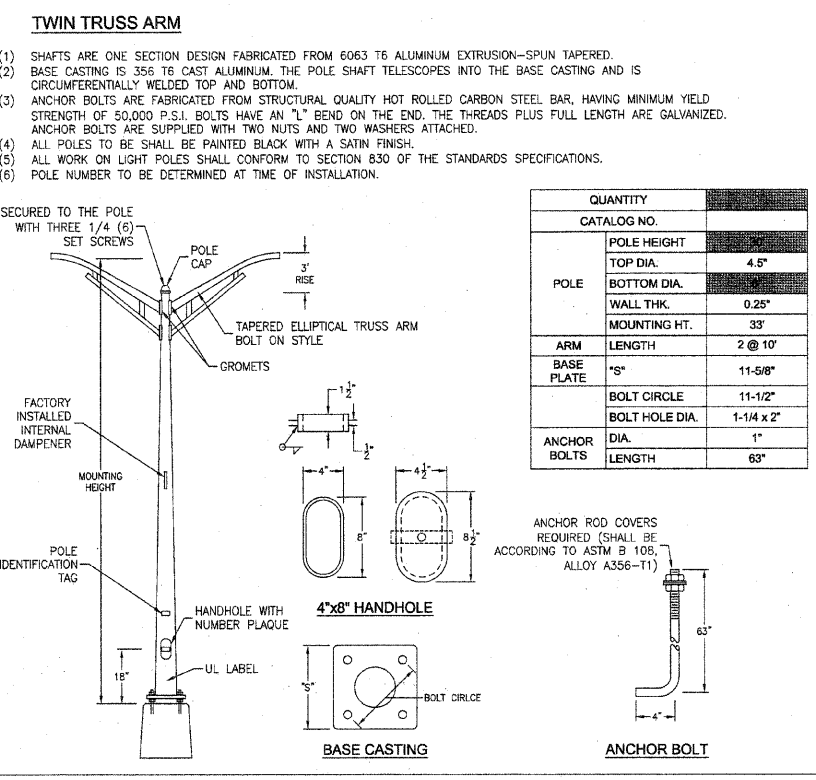


GENERAL NOTES:
UNITS SHALL BE MANUFACTURED IN ACCORDANCE WITH THE 2009 AASHTO STANDARD SPECS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS. DESIGN VELOCITY SHALL BE 90 MPH WITH A MINIMUM DESIGN LIFE OF 50 YEARS. IN ADDITION TO THE AASHTO CRITERIA THE POLE SHALL BE DESIGNED FOR WORST CASE LOADING CONDITION SET FORTH IN IL D.O.T. SPECS 1069(A) FOR DESIGN LUMINAIRE HAVING AN EPA OF 1.8 SQ.FT. AND MAXIMUM WEIGHT OF 75 LBS.

THE ALUMINUM POLE, POLE BASE, SHROUD, BRACKET ARMS AND ATTACHMENTS SHALL BE PAINTED BLACK USING A POWDER COAT PROCESS OR ENGINEER APPROVED EQUIVALENT. THEY SHALL BE CLEANED PRIOR TO THE POWDER COAT PROCESS BY THE IMMERSION PROCESS USING BOTH AN ALKALINE AND ACID BATH. THE BLACK FINISH SHALL BE A THERMOSETTING POWDER COAT. THE POWDER RESIN SHALL BE A TYPE TGIC SUPER DURABLE GRADE POLYESTER OR AN ENGINEER APPROVED EQUIVALENT. THE ALUMINUM SHALL BE PREHEATED TO A SUFFICIENT TEMPERATURE, PRIOR TO THE COATING PROCESS, TO INSURE ALL WATER VAPOR IS REMOVED IN ORDER TO FUSE THE POWDER TO THE METAL. THE POLE AND APPURTENANCES SHALL BE OVEN CURED, AFTER SPRAYING, FOR A CYCLE OF 6 TO 15 MINUTES AT A TEMPERATURE OF 375 TO 400 DEGREES FAHRENHEIT. THE FINISHED COAT SHALL HAVE A DRY COAT MINIMUM THICKNESS OF 3 MIL.

A THOROUGH VISUAL INSPECTION SHALL BE MADE OF THE PAINTED FINISH OF THE INSTALLED POLE AND A FIELD TOUCHUP OR RECOAT SHALL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL COST.



FAU. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	KANKAKEE	36	20

CONTRACT NO. 87315

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

* BURNS ROAD WEST - FAU 6212

** 03-00058-01-FP

TYSON ENGINEERING, INC.
CONSULTING ENGINEERS
DESIGN FIRM LICENSE #184-001136
367 SOUTH SCHUYLER AVENUE
KANKAKEE, ILLINOIS 60901
PHONE (815) 932-7406

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of Tyson Engineering Inc. and is not to be used in whole or in part, for any other project without written authorization of Tyson Engineering Inc.

Do not scale drawings. Use dimensions only. Contractor shall be responsible for verifying all dimensions. Information hereon and herein is confidential.

REVISIONS

NO.	DATE	BY	DESCRIPTION

PROPOSED IMPROVEMENTS FOR
BURNS ROAD WEST
FROM CAREER CENTER ROAD
TO BURNING BUSH DRIVE

SECTION
03-00058-01-FP

DATE: 3/23/12 JOB NO. E05055

SCALE: N/A FILE NO.

DRAWN BY: MRG SHEET

CHECKED BY: SRM SHEET

20

36