

MATERIAL SPECIFICATION	
SHAFT	STEEL OF 48,000 P.S.I. MINIMUM YIELD AFTER FABRICATION ASTM A-572 GR.50 ASTM A-595 GR. A ASTM A-709 GR.50, ASTM A-1008 GR.50 ASTM A-1011 GR.50 THE ABOVE LISTED MATERIALS ARE USED BASED UPON AVAILABILITY AT TIME OF PURCHASE OF MATERIAL LOTS FOR PRODUCING POLE AND ARM SHAFTS
BOTTOM SLIP PLATE	ASTM A-572 GR. 50 STEEL
ANCHOR PLATE	ASTM A-572 GR. 50 STEEL
PIPE	ASTM A-33 GRADE "B" OR ASTM A-306 GRADE "B"
ANCHOR BOLTS	ASTM F-1554 GR. 105
PIPE FINISH	HOT DIP GALVANIZED PER ASTM A-123
HARDWARE FINISH	HOT DIP GALVANIZED PER ASTM A-153
WELDS	BUTT WELD BY THE ELECTRICAL RESISTANCE PROCESS
LONGITUDINAL WELDS	BUTT WELD WITH PERMANENT BACK-UP RING (CONTINUOUS)
CIRCUMFERENTIAL WELDS	BUTT WELD WITH PERMANENT BACK-UP RING (CONTINUOUS)
TOP SLIP PLATE	ASTM A-572 GR. 50 STEEL
MEDIAN BARRIER PLATE	ASTM A-572 GR. 50 STEEL

NOTES

- WELD: ALL BUTT WELDS TO BE GROUND FLUSH WITH BASE METAL. WELDING OF STRUCTURES SHALL BE IN ACCORDANCE WITH THE CURRENT AASHTO "SPECIFICATIONS FOR STRUCTURAL SUPPORTS OF HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS".

ORDERING INFO

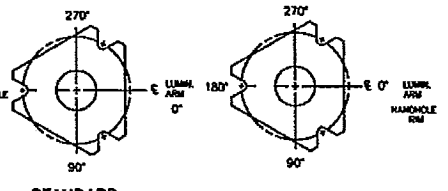
SERIES LUMINAIRE ARM LENGTH DWG. NO.

J-4010D-SB-3721

D = DOUBLE ARM

SB = SLIP BASE
FB = FIXED BASE
BM = BRIDGE MOUNT
MB = MEDIAN BARRIER

- FOR DOUBLE ARM POLE, INSERT THE LETTER "D" AFTER THE ARM LENGTH IN THE CATALOG NUMBER. EXAMPLE: J-4012D-DWG. NO.
- ALL WIREWAYS SHALL BE DEBURRED, ROUNDED AND SMOOTH FOR WIRE PROTECTION PURPOSES.
- THE TOP SLIP PLATE WITHOUT THE BOTTOM SLIP PLATE AND ANCHOR PLATE IS A FIXED BASE. WHEN A FIXED BASE IS REQUIRED BY THE CONTRACT PLANS, ROTATE THE ANCHOR BOLT PATTERN SHOWN ON STANDARD PLAN "J-28.30-00" AND INSTALL THE TOP SLIP PLATE DIRECTLY UPON THE FOUNDATION.
- THE MEDIAN BARRIER BASE SHALL BE USED ON 40', 45' AND 50' LIGHTING STANDARDS WITH 12' MAXIMUM LENGTH DOUBLE ARMS.
- POLES WITH DOUBLE ARMS ARE TO HAVE A 7 GA. THICKNESS ALL DAVIT SECTIONS ARE TO BE 11 GA.
- FOR POLES REQUIRING DIFFERENT POLE LENGTHS THAN SHOWN POLE DIAMETER SHALL BE ADJUSTED BY USING THE SAME POLE TAPER (0.14"/FT.)
- FOR 20' OR LESS MTG. HT., USE 5" I.D. FOR TOP SLIP PLATE.
- AASHTO 2001 DESIGN PARAMETERS:
1.) LOCATION: WASHINGTON STATE
2.) BASIC WIND SPEED: 90 MPH.
3.) DESIGN LIFE: 50 YEARS RECURRENCE INTERVAL
4.) FATIGUE CATEGORY: N/A



REV	DATE	DESCRIPTION	BY	APPR
H	3/08	REV. ANCHOR BOLT MATL & NOTE 9	BB	GM
G	03/07	REV. PER STATES MARK-UP	JB	GM
F	02/07	REV. PER STATES MARK-UP	JB	GM
E	02/08	REV. HANDHOLE DETAIL	JB	GM
D	4/04	REVISE DETAIL "C"	MHM	JB
C	3/04	REV. NOTE DETAIL "M"	JB	GM
B	9/03	REV. MEDIAN BASE ORIENT.	JB	GM

AGENCY	PROJECT	DISTRIBUTOR	CONTRACTOR	CUSTOMER ORDER NO.	AMERON NO.
STATE OF WASHINGTON					

AMERON POLE PRODUCTS DIVISION			
STATE OF WASHINGTON			
"J" SERIES LIGHTING STANDARD			
DRAWN: MHM	DATE: 02/03	SCALE: DWG. NO.	REV.
APPR: JB	DATE: 02/03	W3721-1	H

APPROVED

Manufacturer's Pole Plan

Approved For Listing As A

Pre-Approved Drawing

WSDOT Bridge & Structures Office

By *Gb* Date 7/22/03

