## POST AND PULL BOX QUANTITIES

| POST NUMBER | PULL BOX NUMBER | LOCATION: APPROACH | STATION | OFFSET (FEET) | BASES A 8 | A 10 | A 13 | A 8 MOD | A 10 MOD | A 13 MOD | B 8 | B 10 | B 13 | C | CONCRETE (CU. YDS.) | PULL BOX PRE-FORMED CLASS 1 | CLASS 2 | CLASS 3 | CONC. STANDARD | CONC. DOUBLE | DRAIN TYPE * I | II A | II B | II C |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ⧓ | | MEXICO ROAD | 9+47 | 37' LT | | | | | | | | | | | 1.93 | | | | | | | | | |
| 1 | | MEXICO ROAD | 9+65 | 49' LT | | | | | | 1 | | | | | 3.93 | | | | | | | | | |
| 2 | | MEXICO ROAD | 10+35 | 48' LT | | 1 | | | | | | | | | 3.06 | | | | | | | | | |
| 3 | | MEXICO ROAD | 10+40 | 47' RT | | | | | | 1 | | | | | 3.93 | | | | | | | | | |
| 4 | | MEXICO ROAD | 9+77 | 50' RT | | 1 | | | | | | | | | 3.06 | | | | | | | | | |
| | 1 | MEXICO ROAD | 9+59 | 42' LT | | | | | | | | | | | | | | | | 1 | 1 | | | |
| | 2 | MEXICO ROAD | 10+39 | 39' LT | | | | | | | | | | | | | 1 | | | | 1 | | | |
| | 3 | MEXICO ROAD | 10+43 | 53' RT | | | | | | | | | | | | | 1 | | | | 1 | | | |
| | 4 | MEXICO ROAD | 9+68 | 47' RT | | | | | | | | | | | | | 1 | | | | 1 | | | |
| TOTAL | | | | | | | | | | | | | | | | | 3 | | | | | | | |

| POST NUMBER | TOP MOUNT POST LENGTH 7 | 10 | TYPE C OR CL ARM LENGTH A | A | A | A | A | SIGNAL SPACING B | C | D | D | SIGN SPACING B | C | D | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ⧓ | | | | | | | | | | | | | | | |
| 1 | | | 47 | | | | | 47 | 36 | 23 | | 41 | 14 | | |
| 2 | | | | 21 | | | | 21 | | | | 10 | | | |
| 3 | | | | | 43 | | | 43 | 31 | 18 | | 37 | 8 | | |
| 4 | | | | | | 19 | | 19 | | | | 12 | | | |
| TOTAL | | | 1 | 1 | 1 | 1 | | | | | | | | | |

| POST NUMBER | TYPE B & BL ARM LENGTH E | K | E | K | E | K | E | K | LEFT ARM E SIGNAL F | G | H | SIGN F | G | H | RIGHT ARM K SIGNAL L | M | N | SIGN L | M | N | INCLUDED ANGLE | LUMINAIRE BRACKET ARM (FEET) 4 | 6 | 8 | 10 | 12 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

| POST NUMBER | COMMISSION FURNISHED SIGNS — CODE SIGN NUMBER FROM STANDARD PLAN 902.80: 12 | 13 | 15 |
|---|---|---|---|
| 1 | 1 | 1 | 2 |
| 2 | | 1 | 2 |
| 3 | 1 | 1 | 2 |
| 4 | | 1 | 2 |
| TOTAL | 4 | 4 | 8 |

## SIGNAL HEADS

| POST NUMBER | FACE NUMBER | LUMINAIRE 150W SODIUM | INDICATIONS* 12" LENS CONVENTIONAL R | Y | G | S | L | Rt | YL | YRt | W | DW | 12" LENS OPTICAL LIMITING R | Y | G | S | L | Rt | YL | YRt | VISORS* 12" LENS PED | TUN 12 | LOUVERS* A | B | C | D | E | F |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 50 | | 1 | 1 | 1 | | 1 | | 1 | | | | | | | | | | | | | 5 | | | | | | |
| | 21 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | 3 | | | | | | |
| | 22 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | 3 | | | | | | |
| | P1-2 | | | | | | | | | | 1 | 1 | | | | | | | | | 2 | | | | | | | |
| | P1-4 | | | | | | | | | | 1 | 1 | | | | | | | | | 2 | | | | | | | |
| 2 | 41 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | 3 | | | | | | |
| | 42 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | 3 | | | | | | |
| | P2-1 | | | | | | | | | | 1 | 1 | | | | | | | | | 2 | | | | | | | |
| | P2-3 | | | | | | | | | | 1 | 1 | | | | | | | | | 2 | | | | | | | |
| 3 | 10 | | 1 | 1 | 1 | | 1 | | 1 | | | | | | | | | | | | | 5 | | | | | | |
| | 61 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | 3 | | | | | | |
| | 62 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | 3 | | | | | | |
| | P3-2 | | | | | | | | | | 1 | 1 | | | | | | | | | 2 | | | | | | | |
| | P3-4 | | | | | | | | | | 1 | 1 | | | | | | | | | 2 | | | | | | | |
| 4 | 81 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | 3 | | | | | | |
| | 82 | | 1 | 1 | 1 | | | | | | | | | | | | | | | | | 3 | | | | | | |
| | P4-1 | | | | | | | | | | 1 | 1 | | | | | | | | | 2 | | | | | | | |
| | P4-3 | | | | | | | | | | 1 | 1 | | | | | | | | | 2 | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| POST NUMBER | FACE NUMBER | BACKPLATE* LENSES 1 | 2 | 3 | 4 | 5 | BRACKET* TYPE I | II | III | IV | ONE-FACE SECTION 1- T | 1- S | 1- C | 1- B | 2- T | 2- S | 3- T | 3- S | 3- C | 3- B | 4- S | 4- C | 4- B | 5- S | 5- C | 5- B | TWO-FACE SECTIONS 11- T | 11- S | 11- B | 22- T | 22- S | 33- T | 33- S | 33- B | 34- S | 34- B | 35- S | 35- B | 44- S | 44- B | 45- S | 45- B |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 50 | | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| | 21 | | | 1 | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | 22 | | | 1 | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | P1-2 | | 1 | | | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P1-4 | | 1 | | | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 41 | | | 1 | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | 42 | | | 1 | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | P2-1 | | 1 | | | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P2-3 | | 1 | | | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 10 | | | | | 1 | | | 1 | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| | 61 | | | 1 | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | 62 | | | 1 | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | P3-2 | | 1 | | | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P3-4 | | 1 | | | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 81 | | | 1 | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | 82 | | | 1 | | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | |
| | P4-1 | | 1 | | | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | P4-3 | | 1 | | | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OPTICALLY LIMITED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL CONVENTIONAL | | | | | | | | | | | | | | | | 8 | | | | 8 | | | | | | 2 | | | | | | | | | | | | | | | | |
| TOTAL COMBINATION O.L. & CONV | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

## REMARKS

ALL LENGTHS AND SPACING ARE IN FEET UNLESS OTHERWISE INDICATED.
* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE

### LEGEND

B-MAST ARM MOUNT
C-SPANWIRE MOUNT
T-TOP MOUNT
S-SIDE MOUNT

| DATE | REVISIONS AND RECORD OF ISSUE | NO. | BY | CK | APP |
|---|---|---|---|---|---|
| | | | | | |

DESIGNED
DETAILED
CHECKED
APPROVED
DATE

ENGINEERING DESIGN SOURCE, INC.
1415 ELBRIDGE PAYNE RD.
SUITE 220
CHESTERFIELD, MO. 63017
(636) 537-5585

PROJ. #

DATE 6-6-2000

D-37A

MEXICO ROAD AND TURTLE CREEK/CROOKED STICK INTERSECTION

SIGNAL QUANTITIES

6-6-2000
STATE OF MISSOURI
ELIZABETH J. DARE
NUMBER E-29014
REGISTERED PROFESSIONAL ENGINEER

SHEET 2 OF 5