| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | 87N-0582-01 | 2015 | 48 | 59 |

| IBS REPLACEMENT MODULES | |
|---|---|
| REPLACEMENT MODULE SIZES | QUANTITY |
| REPLACEMENT MODULES (F2OO) | |
| REPLACEMENT MODULES (F4OO) | |
| REPLACEMENT MODULES (F7OO) | |
| REPLACEMENT MODULES (F14OO) | |
| REPLACEMENT MODULES (F21O0) | |

## SUMMARY OF TRAFFIC CONTROL DEVICES (EACH)

| WORK ZONE SIGN (SPECIAL) | | |
|---|---|---|
| SIGN NO. | 16.25 SQ.FT. & LESS | 16.26 SQ.FT. & OVER |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

## SUMMARY OF TRAFFIC CONTROL DEVICES (EACH PER DAY)

✳ QUANTITY MOST USED ON THE PROJECT AT ANY ONE TIME

| WORK ZONE SIGNS ✳ | | | |
|---|---|---|---|
| SIGN NO. | SIZE - SQ.FT. | | |
| | 0-9.25 | 9.26-16.25 | 16.26 & OVER |
| W20-7 | | 2 | |
| R11-2 | | 1 | |
| W20-3 | | 2 | |
| R11-4 | | 1 | |
| KG20-2 | 2 | | |
| R2-1 | 4 | | |
| W1-4L | | 1 | |
| W13-1 | 2 | | |
| W4-2R | | 1 | |
| KM4-20 | 2 | | |
| R4-1 | 2 | | |
| W20-5 | | 4 | |
| W3-5 | | 2 | |
| W20-1 | | 5 | |
| R3-7 | 1 | | |
| W1-4R | | 1 | |
| W4-2L | | 1 | |
| R3-1 | | 1 | |
| R3-2 | | 3 | |
| R11-2 | | 5 | |
| R9-9 | 2 | | |

| BARRICADES ✳ | CHANNELIZING DEVICES ✳ | |
|---|---|---|
| TYPE III (4' TO 12') | FIXED | PORTABLE |
| 7 | | 101 |

| LIGHTED DEVICES ✳ | |
|---|---|
| WORK ZONE WARNING LIGHT (TYPE "A" LOW INTENSITY) | 10 |
| WORK ZONE WARNING LIGHT (RED TYPE "B" HIGH INTENSITY) | |
| ARROW DISPLAY | |
| PORTABLE CHANGEABLE MESSAGE SIGN | |

| RECAPITULATION OF QUANTITIES | | |
|---|---|---|
| ITEM | QUANTITY | UNIT |
| WORK ZONE SIGNS (O TO 9.25 SQ.FT.) | 15 | EACH PER DAY |
| WORK ZONE SIGNS (9.26 TO 16.25 SQ.FT.) | 30 | EACH PER DAY |
| WORK ZONE SIGNS (16.26 SQ.FT. & OVER) | | EACH PER DAY |
| WORK ZONE BARRICADES (TYPE III - 4' TO 12') | 7 | EACH PER DAY |
| CHANNELIZER (FIXED) | | EACH PER DAY |
| CHANNELIZER (PORTABLE) | 101 | EACH PER DAY |
| WORK ZONE WARNING LIGHT (TYPE "A" LOW INTENSITY) | 10 | EACH PER DAY |
| WORK ZONE WARNING LIGHT (RED TYPE "B" HIGH INTENSITY) | | EACH PER DAY |
| ARROW DISPLAY | | EACH PER DAY |
| PORTABLE CHANGEABLE MESSAGE SIGN | | EACH PER DAY |
| PAVEMENT MARKING (TEMPORARY) | | |
| 4" SOLID (TYPE I TAPE OR PAINT) | 80.2 | STA./LINE |
| 4" SOLID (TYPE II TAPE OR PAINT) | | STA./LINE |
| 4" BROKEN (8.0') (TYPE I TAPE OR PAINT) | | STA./LINE |
| 4" BROKEN (8.0') (TYPE II TAPE OR PAINT) | | STA./LINE |
| 4" BROKEN (8.0') (FLEXIBLE RAISED PAVEMENT MARKER) | | STA./LINE |
| 4" BROKEN (3.0') (TYPE I TAPE OR PAINT) | | STA./LINE |
| 4" BROKEN (3.0') (TYPE II TAPE PAINT) | | STA./LINE |
| 4" BROKEN (3.0') (FLEXIBLE RAISED PAVEMENT MARKER) | | STA./LINE |
| 4" DOTTED EXTENSION (TYPE I TAPE OR PAINT) | | STA./LINE |
| 4" DOTTED EXTENSION (TYPE II TAPE OR PAINT) | | STA./LINE |
| SOLID (LINE MASKING TAPE) | | STA./LINE |
| BROKEN (LINE MASKING TAPE) | | STA./LINE |
| PAVEMENT MARKING REMOVAL | 8,015 | LIN. FT. |
| CONCRETE SAFETY BARRIER (TYPE F3)(TEMPORARY) | | LIN. FT. |
| CONCRETE SAFETY BARRIER (TYPE F3)(TEMP.-INSTALL ONLY) | | LIN. FT. |
| CONCRETE SAFETY BARRIER (TYPE F3)(TEMP.-RELOCATE) | | LIN. FT. |
| INERTIAL BARRIER SYSTEM | | EACH |
| REPLACEMENT MODULES | | EACH |
| WORK ZONE SIGN (SPECIAL) (16.25 SQ. FT. & LESS) | | EACH |
| WORK ZONE SIGN (SPECIAL) (16.26 SQ. FT. & MORE) | | EACH |
| TEMPORARY RAISED PAVEMENT MARKER (TYPE I) | | EACH |
| TEMPORARY RAISED PAVEMENT MARKER (TYPE II) | | EACH |
| TRAFFIC SIGNAL INSTALLATION (TEMPORARY) | | LUMP SUM |
| TRAFFIC CONTROL (INITIAL SET UP) | LUMP SUM | LUMP SUM |
| TRAFFIC CONTROL | 1 | LUMP SUM |
| FLAGGER (SET PRICE) | 1 | HOUR |
| TWORKS SIGN ASSEMBLY | | EACH |

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|
| 3 | 10/16/12 | Modified Pavement Marking Requirements | J.A.M. | K.P. |
| 2 | 10/4/11 | Added IBS Quantities, Added TWorks Quanity | J.A.M. | K.P. |
| 1 | 8/8/07 | 2007 Spec Revision | M.B. | A.A.A. |

KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY OF DEVICES AND RECAPITULATION OF QUANTITIES

~~TE795~~

| FHWA APPROVAL | | 10/16/12 | APP'D |
|---|---|---|---|
| DESIGNED | DETAILED | QUANTITIES | TRACED |
| DESIGN CK. | DETAIL CK. | QUAN. CK. | TRACE CK. |

KDOT Graphics Certified 09-11-2014

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Sh. No. 47

Drawn By: $$USERNAME$$ Plotted: $SYTIME$$
File: $$DGNSPEC$$ $$KDOTGRP$$