| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 1 | 148 |

FEDERAL AID PROJ. NO.

SIGNING & DELINEATION

STATE OF KANSAS

# DEPARTMENT OF TRANSPORTATION

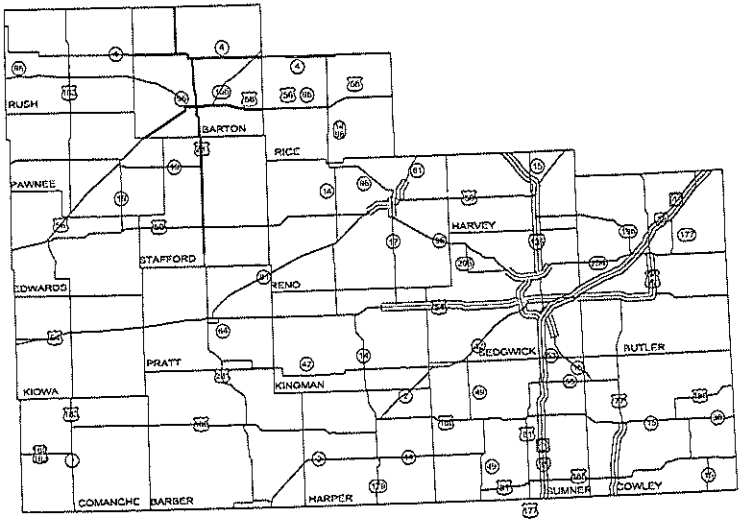
## SIGNING AND DELINEATION

# STATE HIGHWAY

FEDERAL AID PROJECT

INDEX OF SHEETS

SEE SHEET NO. 2




| | |
|---|---|
| PROJECT NUMBER | KA-4114-02 |
| GROSS LENGTH OF PROJECT | 112.0 Miles |
| EXCEPTIONS | |
| ADDITIONS | |
| | |
| NET LENGTH OF PROJECT | 112.0 Miles |

Approved _____ Date

State Transportation Engineer

By:

Chief, Bureau of Transportation Safety & Technology

KANSAS DEPARTMENT OF TRANSPORTATION

KDOT Graphics Certified 10-14-2015 Sh. No. 1

| | |
|---|---|
| DESIGNED | XX-XX-XXXX |
| DETAILED | XX-XX-XXXX |
| CHECKED | XX-XX-XXXX |

Plotted by: rwilliams Date: 4/6/2016
File: \\trnsrv\tm\Projects\KDOT\87822_KA-4114-02_Signing\Cadd\Road_Sheets\ka411402rd-01.dgn

KDOT Graphics Certified

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 2 | 148 |

## SYMBOL KEY

- REMOVE SIGN
- REMOVE POST
- REMOVE FOOTING
- REMOVE SIGN & POST
- REMOVE POST & FOOTING
- REMOVE SIGN, POST, & FOOTING
- MOUNT ON WOOD POST IN CONCRETE FOOTING
- MOUNT ON WOOD POST IN SOIL
- MOUNT ON STEEL BEAM BREAKAWAY POST
- MOUNT ON STEEL U-POST
- MOUNT ON PSST POST
- MOUNT ON PSST POST WITH COUPLER
- MOUNT ON PSST POST WITH COUPLER AND FOOTING
- MOUNT ON EXISTING POST
- MOUNT ON VERTICAL SUPPORT
- SHOULDER MOUNTED INSTALLATION
- OFFSET MOUNTED INSTALLATION
- EXISTING SIGN
- EXISTING SIGN TO BE OVERLAID
- SIGN IS NOT PART OF PROJECT
- TYPE 'A' DELINEATOR (RIGID)
- TYPE 'B' DELINEATOR (RIGID)
- TYPE 'A' DELINEATOR (FLEXIBLE)
- TYPE 'B' DELINEATOR (FLEXIBLE)
- TYPE 2 OBJECT MARKER
- TYPE 3 OBJECT MARKER

## GENERAL NOTES

IN ORDER TO EXPEDITE THE COMPLETION OF THE PROJECT FOR TRAFFIC SERVICE, THE SIGNING AND DELINEATOR WORK SHALL BE SEQUENCED WITH ANY OTHER CONTRACT WORK SUCH THAT THE PHASES OF CONSTRUCTION MAY PROCEED AND BE COMPLETED AT THE SAME TIME.

NEW SIGNS ERECTED ON THE PROJECT WHICH ARE IN CONFLICT WITH EXISTING SIGNING ARE TO BE COMPLETELY COVERED UNTIL THE EXISTING SIGNS ARE REMOVED OR THE NEW SIGNING IS APPLICABLE. THE EXISTING SIGNS THAT ARE BEING REPLACED, REMOVED, OR DO NOT FOLLOW THE CURRENT MUTCD SIGNING STANDARDS ARE TO BE REMOVED WHEN THE PROJECT IS COMPLETED OR AS DETERMINED BY THE ENGINEER.

THE CONTRACTOR SHALL EXERCISE CAUTION AT ALL TIMES WHEN INSTALLING SIGN SUPPORTS IN AND AROUND AREAS WHERE UTILITIES EXIST, EITHER UNDERGROUND OR OVERHEAD, AND WILL BE HELD RESPONSIBLE FOR ANY DAMAGE INCURRED TO THE SYSTEM. THE INSTALLATION OF SIGN SUPPORTS SHALL INCLUDE THE EXCAVATION, DRILLING, OR DRIVING THE SUPPORT FOOTING AND THE ERECTION OF THE SIGN SUPPORT. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING AROUND ANY EXISTING SIGNS THAT ARE TO REMAIN AND WILL BE HELD RESPONSIBLE FOR ANY DAMAGE TO THE SIGNS, SUPPORTS, OR FOOTINGS. THE CONTRACTOR SHALL EXERCISE CARE WHEN WORKING AROUND SHRUBBERY WHILE REMOVING OR INSTALLING SIGNS OR SIGN SUPPORTS.

AN EXISTING SIGN POST INSTALLATION SHALL BE PLUMB AND THE COMPACTION OF THE BACKFILL SOIL SHALL COMPLY WITH THE SPECIFICATIONS AFTER THE REMOVAL AND RESETTING OF A SIGN, THE REMOVAL AND REPLACEMENT OF A SIGN, OR THE INSTALLATION OF A NEW SIGN.

THE CONTRACTOR SHALL PROVIDE MOUNTING BOLTS THAT ARE OF A LENGTH THAT DOES NOT EXTEND MORE THAN A NOMINAL 1 INCH BEYOND THE SIGN POST. THE CONTRACTOR SHALL NOT MAKE ANY FIELD MODIFICATIONS TO THE MOUNTING BOLT PRIOR TO OR AFTER THE SIGN IS INSTALLED.

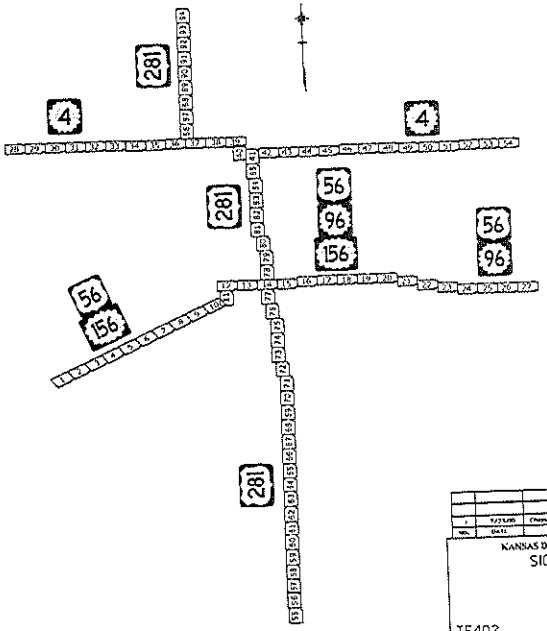
SPECIFIC SERVICE, LOGO, SIGNS THAT ARE TO BE REMOVED SHALL HAVE THE BUSINESS LOGO PLAQUES REMOVED AND TRANSPORTED TO LOCATION DETERMINED BY KDOT, AT WHICH TIME THE PLAQUES BECOME THE PROPERTY OF KDOT. THE CONTRACTOR WILL BE ASSESSED A REPLACEMENT COST FOR ANY DAMAGE TO A BUSINESS LOGO PLAQUE PRIOR TO THE PLAQUE BECOMING THE PROPERTY OF KDOT.

THE MATERIALS AND FABRICATION FOR SIGNING AND DELINEATION WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR STATE ROAD AND BRIDGE CONSTRUCTION (2015 EDITION) AND SPECIAL PROVISIONS.

## INDEX OF SHEETS


| | |
|---|---|
| 2 | SIGNING INDEX, SYMBOLS, & GENERAL NOTES (TE402) |
| 3 | POST SPACING & SIGN ANGLE DETAILS (TE404) |
| 4 | HEIGHT & LATERAL DISTANCE FOR ERECTION (TE406) |
| 5 | POSITIONING OF DELINEATORS AND OBJECT MARKERS (TYPE 2& 3) (TE409) |
| 6 | DESIGN & MOUNTING DETAILS FOR CHEVRONS (TE418) |
| 7 - 9 | QUANTITY SHEETS K-4 (TE433hp) |
| 10 - 13 | QUANTITY SHEETS US-56 (TE433hp) |
| 14 - 17 | QUANTITY SHEETS US-281 (TE433hp) |
| 18 | SUMMARY OF QUANTITIES - INSTALLATIONS AND REMOVALS |
| 19 | RECAPITULATION OF SIGNING AND DELINEATION BID ITEMS |
| 20 - 113 | INSTALLATION MAPS I-35 |
| 114 | DETAILS FOR WOOD POSTS (TE460) |
| 115 | DETAILS FOR PSST POSTS (TE466) |
| 116 - 117 | DETAILS FOR MOUNTING SIGNS ON WOOD POSTS (TE481, TE484) |
| 118 | DETAILS FOR MOUNTING FLAT SHEET SIGNS ON VERTICAL SUPPORTS (TE492) |
| 119 - 122 | DETAILS FOR FLAT SHEET SIGN BLANKS (TE503, TE506, TE509, TE515) |
| 123 | DETAILS FOR KANSAS ROUTE SHIELDS (TE557) |
| 124 | DETAILS FOR ARROWS (TE 563) |
| 125 - 137 | SIGN LAYOUT SHEETS |
| 138 | DETAILED SIGN SPECIFICATIONS (TE590) |
| 139 - 148 | TRAFFIC CONTROL |


## SHEET LAYOUT KEY




| NO. | DATE | REVISIONS | D.R.G. | U.D. |
|---|---|---|---|---|
| 1 | 7/1/03 | Changed Sequential Series and Spec. Book Date | BF | APPD |

KANSAS DEPARTMENT OF TRANSPORTATION

SIGNING SYMBOL KEY
GENERAL NOTES
AND INDEX

TE402 7/1/03

KDOT Graphics Certified 12-16-2015 Sh. No. 2

KDOT Graphics Certified

Plotted by: rwilliams Date: 4/5/2016
File: V:\rs-vbn\Projects\KDOT\87682_KA-4114-02_Signing\Cadd\Road_Sheets\te402.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 7 | 148 |

# QUANTITIES SHEET

SIGNS TO BE INSTALLED ON PROJECT

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | KI-97 | 48" x 24" | 8.00 | 8.00 | | | Rush COUNTY LINE<br>R.P. 108.804<br>See Sh. No. 127 |
| 1 | D1-1a | 72" x 18" | 9.00 | 9.00 | | | ← Galatia 9<br>R.P. 110.698<br>See Sh. No. 125 |
| 1 | D1-1a | 72" x 18" | 9.00 | 9.00 | | | Galatia 9 →<br>R.P. 110.855<br>See Sh. No. 125 |
| 1 | KD1-2b | 72" x 36" | 18.00 | 18.00 | | | ← Galatia 8<br>Dimitz 1 →<br>VIA COUNTY ROAD<br>R.P. 113.740<br>See Sh. No. 126 |
| 1 | KD1-2b | 72" x 36" | 18.00 | 18.00 | | | ← Dimitz 1<br>Galatia 8 →<br>VIA COUNTY ROAD<br>R.P. 113.868<br>See Sh. No. 126 |
| 2 | KI-3 | 48" x 24" | 16.00 | 32.00 | | | Blood CREEK<br>R.P. 118.145 & 118.195<br>See Sh. No. 127 |
| 1 | D2-2 | 72" x 30" | 15.00 | 15.00 | | | Otis 11<br>La Crosse 25<br>R.P. 118.739<br>See Sh. No. 125 |
| 1 | D1-2 | 72" x 30" | 15.00 | 15.00 | | | ↑ Hoisington<br>← Russell<br>R.P. 118.747<br>See Sh. No. 125 |
| 1 | KI-29L | 48" x 30" | 10.00 | 10.00 | | | BUSINESS<br>← DIST<br>R.P. 123.379<br>See Sh. No. 127 |
| 1 | D1-3 | 72" x 42" | 21.00 | 21.00 | | | ↑ Russell<br>La Crosse<br>← Great Bend<br>R.P. 123.386<br>See Sh. No. 125 |
| 11 | | | | 155.00 | | 0.00 | |

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | KI-92 | 60" x 24" | 10.00 | 10.00 | | | Hoisington CITY LIMIT<br>R.P. 124.007<br>See Sh. No. 127 |
| 1 | D2-2 | 60" x 30" | 12.50 | 12.50 | | | Claflin 12<br>K-156 15<br>R.P. 124.026<br>See Sh. No. 125 |
| 1 | KI-96 | 48" x 24" | 8.00 | 8.00 | | | Redwing UNINCORPORATED<br>R.P. 129.242<br>See Sh. No. 127 |
| 1 | KD1-1b | 72" x 24" | 12.00 | 12.00 | | | ← Beaver 8<br>VIA COUNTY ROAD<br>R.P. 129.455<br>See Sh. No. 126 |
| 1 | KD7-2R | 60" x 24" | 10.00 | 10.00 | | | Cheyenne Bottoms →<br>R.P. 129.489<br>See Sh. No. 127 |
| 1 | KI-96 | 48" x 24" | 8.00 | 8.00 | | | Redwing UNINCORPORATED<br>R.P. 129.540<br>See Sh. No. 127 |
| 1 | KD7-2L | 60" x 24" | 10.00 | 10.00 | | | Cheyenne ← Bottoms<br>R.P. 129.611<br>See Sh. No. 126 |
| 1 | KD1-1b | 60" x 24" | 10.00 | 10.00 | | | ← Odin 3<br>VIA COUNTY ROAD<br>R.P. 132.498<br>See Sh. No. 126 |
| 1 | KD1-1b | 60" x 24" | 10.00 | 10.00 | | | Odin 3 →<br>VIA COUNTY ROAD<br>R.P. 132.605<br>See Sh. No. 126 |
| 10 | | | | 90.50 | | 0.00 | |

NOTE:
SEE STANDARD PLAN SHEET TE590
FOR DETAILED SPECIFICATIONS.

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION

HIGH PERFORMANCE
SIGN INSTALLATIONS
K-4
QUANTITIES SHEET

KDOT Graphics Certified 12-21-2015 Sh. No. 7

KDOT Graphics Certified

Plotted by: rwilliams Date: 4/6/2016
File: \\tmsrv\tm\Projects\KDOT\87822_KA-4114-02_Signing\Cadd\Road_Sheets\te433_K4.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 8 | 148 |

# QUANTITIES SHEET

SIGNS TO BE INSTALLED ON PROJECT

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | KD7-2R | 48" x 24" | 8.00 | 8.00 | | | Camp Aldrich → R.P. 133.436 See Sh. No. 127 |
| 1 | KD7-2L | 48" x 24" | 8.00 | 8.00 | | | ← Camp Aldrich R.P. 133.741 See Sh. No. 127 |
| 2 | KI-3 | 36" x 24" | 12.00 | 24.00 | | | Cow CREEK R.P. 133.945 & 134.036 See Sh. No. 127 |
| 1 | D2-2 | 72" x 30" | 15.00 | 15.00 | | | Holsington 13 La Crosse 42 R.P. 135.971 See Sh. No. 126 |
| 2 | KI-92 | 36" x 24" | 12.00 | 24.00 | | | Claflin CITY LIMIT R.P. 135.980 & 137.000 See Sh. No. 127 |
| 2 | SPSIGN | 72" x 24" | 24.00 | 48.00 | | | Home of Jackie Stiles R.P. 136.088 & 137.060 See Sh. No. 127 |
| 1 | D2-2 | 72" x 30" | 15.00 | 15.00 | | | K-156 1 Lindsborg 48 R.P. 137.00 See Sh. No. 126 |
| 1 | D1-2 | 84" x 30" | 17.50 | 17.50 | | | ↑ Ellsworth ← Great Bend R.P. 138.028 See Sh. No. 125 |
| 1 | D2-2 | 72" x 30" | 15.00 | 15.00 | | | Claflin 1 Holsington 15 R.P. 138.028 See Sh. No. 126 |
| 12 | | | | 174.50 | | 0.00 | |

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | D1-2 | 72" x 30" | 15.00 | 15.00 | | | ↑ Lindsborg ← Ellsworth R.P. 138.209 See Sh. No. 125 |
| 1 | D1-3 | 72" x 42" | 21.00 | 21.00 | | | ← Lindsborg Claflin Holsington → R.P. 138.298 See Sh. No. 125 |
| 1 | D2-3 | 72" x 42" | 21.00 | 21.00 | | | K-14 17 Geneseo 19 Lindsborg 46 R.P. 138.375 See Sh. No. 126 |
| 1 | D1-2 | 72" x 30" | 15.00 | 15.00 | | | ↑ Great Bend Ellsworth → R.P. 138.375 See Sh. No. 125 |
| 1 | KI-97 | 48" x 24" | 8.00 | 8.00 | | | Rice COUNTY LINE R.P. 139.432 See Sh. No. 127 |
| 5 | | | | 80.00 | | 0.00 | |

NOTE:
SEE STANDARD PLAN SHEET TE590
FOR DETAILED SPECIFICATIONS.

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION

HIGH PERFORMANCE
SIGN INSTALLATIONS
K-4
QUANTITIES SHEET

KDOT Graphics Certified 12-21-2015 Sh. No. 8

KDOT Graphics Certified

Plotted by: rwilliams Date: 4/6/2016
File: \\tmsrv\tm\Projects\KDOT\87822_KA-4114-02_Signing\Cadd\Road_Sheets\te433_K4a.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 9 | 148 |

# QUANTITIES SHEET

SIGNS TO BE INSTALLED ON PROJECT

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | D9-2 | 24" x 24" | 4.00 | 4.00 | | | Hospital Symbol |
| 2 | D9-3a | 24" x 24" | 4.00 | 8.00 | | | Trailer Camping Symbol |
| 3 | KD9-0 | 24" x 6" | 1.00 | 3.00 | | | White Arr. / Blue Shield - See Sh. No.126 |
| 2 | KR7-1 | 24" x 36" | 6.00 | 12.00 | | | No Parking - See Sh. No. 127 |
| 6 | KRM0 | 6" x 6" | 0.50 | 3.00 | | | Reference Marker (#0) - See Sh. No. 127 |
| 74 | KRM1 | 6" x 6" | 0.50 | 37.00 | | | Reference Marker (#1) - See Sh. No. 127 |
| 16 | KRM2 | 6" x 6" | 0.50 | 8.00 | | | Reference Marker (#2) - See Sh. No. 127 |
| 24 | KRM3 | 6" x 6" | 0.50 | 12.00 | | | Reference Marker (#3) - See Sh. No. 127 |
| 6 | KRM4 | 6" x 6" | 0.50 | 3.00 | | | Reference Marker (#4) - See Sh. No. 127 |
| 6 | KRM5 | 6" x 6" | 0.50 | 3.00 | | | Reference Marker (#5) - See Sh. No. 127 |
| 12 | KRM6 | 6" x 6" | 0.50 | 6.00 | | | Reference Marker (#6) - See Sh. No. 127 |
| 6 | KRM7 | 6" x 6" | 0.50 | 3.00 | | | Reference Marker (#7) - See Sh. No. 127 |
| 6 | KRM8 | 6" x 6" | 0.50 | 3.00 | | | Reference Marker (#8) - See Sh. No. 127 |
| 3 | M1-4 | 30" x 24" | 5.00 | 15.00 | | | US Route Sign (US-281) |
| 8 | M1-5 | 30" x 24" | 5.00 | 40.00 | | | State Route Sign (K-156) |
| 22 | M1-5 | 24" x 24" | 4.00 | 88.00 | | | State Route Sign (K-4) |
| 4 | M2-1 | 21" x 15" | 2.19 | 8.76 | | | JCT |
| 12 | M3-2 | 24" x 12" | 2.00 | 24.00 | | | EAST |
| 12 | M3-4 | 24" x 12" | 2.00 | 24.00 | | | WEST |
| 1 | M5-1R | 21" x 15" | 2.19 | 2.19 | | | Advance Turn Right 90° |
| 4 | M6-1 | 21" x 15" | 2.19 | 8.76 | | | Directional Arrow |
| 2 | M6-3 | 21" x 15" | 2.19 | 4.38 | | | Directional Arrow (Ahead) |
| 2 | M6-4 | 21" x 15" | 2.19 | 4.38 | | | Directional Arrow (Left & Right) |
| 1 | M6-6L | 21" x 15" | 2.19 | 2.19 | | | Arrow Ahead and 90 degree left |
| 68 | R1-1 | 36" x 36" | 7.46 | 507.28 | | | Stop Sign |
| 4 | R1-2 | 36" x 36" | 3.90 | 15.60 | | | Yield Sign |
| 7 | R2-1 | 24" x 30" | 5.00 | 35.00 | | | Speed Limit (30) |
| 3 | R2-1 | 24" x 30" | 5.00 | 15.00 | | | Speed Limit (35) |
| 4 | R2-1 | 24" x 30" | 5.00 | 20.00 | | | Speed Limit (40) |
| 3 | R2-1 | 24" x 30" | 5.00 | 15.00 | | | Speed Limit (45) |
| 17 | R2-1 | 24" x 30" | 5.00 | 85.00 | | | Speed Limit (65) |
| 2 | W2-1 | 30" x 30" | 6.25 | 12.50 | | | Intersection Warning |
| 10 | W3-1 | 36" x 36" | 9.00 | 90.00 | | | Stop Ahead |
| 2 | W3-5 | 36" x 36" | 9.00 | 18.00 | | | Speed Reduction (30) |
| 1 | W3-5 | 36" x 36" | 9.00 | 9.00 | | | Speed Reduction (35) |
| 2 | W3-5 | 36" x 36" | 9.00 | 18.00 | | | Speed Reduction (40) |
| 1 | W3-5 | 36" x 36" | 9.00 | 9.00 | | | Speed Reduction (45) |
| 6 | W10-1 | 36" x 36" | 7.07 | 42.42 | | | Railroad Advance Warning symbol |
| 4 | W10-2L | 36" x 36" | 9.00 | 36.00 | | | Parallel Railroad Advance Warning Symbol |
| 4 | W10-2R | 36" x 36" | 9.00 | 36.00 | | | Parallel Railroad Advance Warning Symbol |
| 1 | W10-3L | 36" x 36" | 9.00 | 9.00 | | | Parallel Railroad Advance Warning Symbol |
| 1 | W10-3R | 36" x 36" | 9.00 | 9.00 | | | Parallel Railroad Advance Warning Symbol |
| 2 | W11-8 | 36" x 36" | 9.00 | 18.00 | | | Emergency Vehicle Symbol |
| 43 | W14-3 | 48" x 36" | 5.56 | 239.08 | | | No Passing Zone |
| | | | | | | | |
| 419 | | | | 1565.54 | | | |

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|

NOTE:
SEE STANDARD PLAN SHEET TE590
FOR DETAILED SPECIFICATIONS.

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION

HIGH PERFORMANCE
SIGN INSTALLATIONS
K-4
QUANTITIES SHEET

KDOT Graphics Certified 04-06-2016

Sh. No. 9

KDOT Graphics Certified

Plotted by: rwilliams
Date: 4/6/2016
File: \\kmsv\Un\Projects\KDOT\87822_KA-4114-02_SigningCasdRoad_Sheets\sa433_K4s.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 10 | 148 |

# QUANTITIES SHEET

SIGNS TO BE INSTALLED ON PROJECT

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | KI-97 | 48" x 24" | 8.00 | 8.00 | | | Pawnee COUNTY LINE<br>R.P. 190.844<br>See Sh. No. 130 |
| 1 | D2-2 | 60" x 30" | 12.50 | 12.50 | | | Larned 7<br>Kinsley 33<br>R.P. 190.916<br>See Sh. No. 128 |
| 2 | KI-92 | 60" x 24" | 10.00 | 20.00 | | | Pawnee Rock CITY LIMIT<br>R.P. 190.936 & 191.478<br>See Sh. No. 130 |
| 2 | KD7-4L | 36" x 24" | 6.00 | 12.00 | | | HISTORICAL MARKER<br>R.P. 190.936 & 208.398<br>See Sh. No. 131 |
| 1 | KD7-2L | 84" x 24" | 14.00 | 14.00 | | | ← Pawnee Rock State Park<br>R.P. 191.163<br>See Sh. No. 130 |
| 1 | KD7-2R | 84" x 24" | 14.00 | 14.00 | | | Pawnee Rock State Park →<br>R.P. 191.281<br>See Sh. No. 130 |
| 1 | D2-2 | 84" x 30" | 17.50 | 17.50 | | | Great Bend 12<br>Lyons 44<br>R.P. 191.478<br>See Sh. No. 128 |
| 2 | KD7-3 | 36" x 24" | 6.00 | 12.00 | | | HISTORICAL MARKER 1 MILE<br>R.P. 191.810 & 209.272<br>See Sh. No. 131 |
| 2 | KI-96 | 48" x 24" | 8.00 | 16.00 | | | Dundee UNINCORPORATED<br>R.P. 196.726 & 197.215<br>See Sh. No. 130 |
| 1 | KD1-1b | 72" x 24" | 12.00 | 12.00 | | | Radium 11 → VIA COUNTY ROAD<br>R.P. 198.259<br>See Sh. No. 129 |
| 14 | | | | 138.00 | | 0.00 | |

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | KD1-1b | 72" x 24" | 12.00 | 12.00 | | | ← Radium 11 VIA COUNTY ROAD<br>R.P. 198.601<br>See Sh. No. 129 |
| 1 | KD7-2L | 84" x 24" | 14.00 | 14.00 | | | ← B-29 Memorial Plaza<br>R.P. 199.607<br>See Sh. No. 130 |
| 1 | KI-63L | 30" x 18" | 3.75 | 3.75 | | | KANSAS NATIONAL GUARD ←<br>R.P. 199.648<br>See Sh. No. 130 |
| 1 | KI-63R | 30" x 18" | 3.75 | 3.75 | | | KANSAS NATIONAL GUARD →<br>R.P. 199.787<br>See Sh. No. 130 |
| 1 | KD7-2R | 84" x 24" | 14.00 | 14.00 | | | B-29 Memorial Plaza →<br>R.P. 199.824<br>See Sh. No. 130 |
| 2 | KD12-S | 30" x 36" | 7.50 | 15.00 | | | TRAVEL INFO CALL 511<br>R.P. 202.846 & 207.400<br>See Sh. No. 137 |
| 1 | D2-2 | 84" x 30" | 17.50 | 17.50 | | | Pawnee Rock 12<br>Larned 20<br>R.P. 203.000<br>See Sh. No. 128 |
| 2 | KI-92 | 60" x 24" | 10.00 | 20.00 | | | Great Bend CITY LIMIT<br>R.P. 203.000 & 207.115<br>See Sh. No. 130 |
| 1 | D1-2 | 84" x 30" | 17.50 | 17.50 | | | ← Pawnee Rock Larned<br>R.P. 203.190<br>See Sh. No. 128 |
| 11 | | | | 117.50 | | 0.00 | |

NOTE:
SEE STANDARD PLAN SHEET TE590
FOR DETAILED SPECIFICATIONS.

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION

HIGH PERFORMANCE
SIGN INSTALLATIONS
US-56
QUANTITIES SHEET

KDOT Graphics Certified 12-21-2015 Sh. No. 10

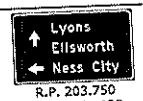
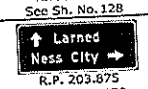
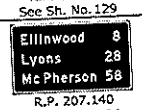
KDOT Graphics Certified

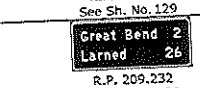
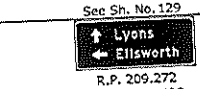
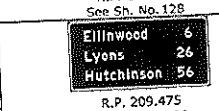
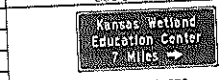
Plotted by: rwilliams Date: 4/6/2016
File: \\tnsrv\trn\Projects\KDOT\87622_KA-4114-02_Signing\Cadd\Road_Sheets\te433_US56.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 11 | 148 |

# QUANTITIES SHEET

SIGNS TO BE INSTALLED ON PROJECT

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | D1-3 | 72" x 42" | 21.00 | 21.00 | | |   R.P. 203.750 See Sh. No. 128 |
| 1 | D1-2 | 72" x 30" | 15.00 | 15.00 | | |   R.P. 203.875 See Sh. No. 128 |
| 1 | D1-3 | 60" x 36" | 15.00 | 15.00 | | | R.P. 205.545 See Sh. No. 128 |
| 1 | KD7-2R | 24" x 30" | 5.00 | 5.00 | | | R.P. 205.575 See Sh. No. 130 |
| 1 | D1-4 | 36" x 36" | 9.00 | 9.00 | | | R.P. 205.630 See Sh. No. 128 |
| 1 | KD7-2aL | 36" x 24" | 6.00 | 6.00 | | | R.P. 205.645 See Sh. No. 129 |
| 1 | D2-3 | 72" x 42" | 21.00 | 21.00 | | |   R.P. 207.140 See Sh. No. 129 |
| 1 | KD7-4R | 36" x 24" | 6.00 | 6.00 | | | R.P. 208.422 See Sh. No. 131 |
| 8 | | | | 98.00 | | 0.00 | |

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | KD7-2aL | 84" x 36" | 21.00 | 21.00 | | | R.P. 209.140 See Sh. No. 129 |
| 1 | D2-2 | 72" x 30" | 15.00 | 15.00 | | |   R.P. 209.232 See Sh. No. 129 |
| 1 | D1-2 | 72" x 30" | 15.00 | 15.00 | | |   R.P. 209.272 See Sh. No. 128 |
| 1 | D2-3 | 84" x 42" | 24.50 | 24.50 | | |   R.P. 209.475 See Sh. No. 129 |
| 1 | D1-2 | 72" x 30" | 15.00 | 15.00 | | | R.P. 209.475 See Sh. No. 128 |
| 1 | KD7-2aR | 84" x 36" | 21.00 | 21.00 | | |   R.P. 209.558 See Sh. No. 129 |
| 6 | | | | 111.50 | | 0.00 | |

NOTE:
SEE STANDARD PLAN SHEET TE590
FOR DETAILED SPECIFICATIONS.

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

HIGH PERFORMANCE
SIGN INSTALLATIONS
US-56
QUANTITIES SHEET

| | | | |
|---|---|---|---|
| FINAL APPROVAL | 7/22/2015 | DATE | STEVEN A. DOWNING |
| DESIGNED | R.D./BETANIS | K.D.O./WINFIELD | TRACED |
| DRAWN | K.A./BETANIS | K.D.O./WINFIELD | CHECKED |

KDOT Graphics Certified 12-21-2015

Sh. No. 11

KDOT Graphics Certified

Plotted by: rwilliams Date: 4/6/2016
File: \\Winsyr\Urn\Projects\KDOT\87622_KA-4114-02_Signing\Cadd\Road_Sheets\ts433_US56a.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 12 | 148 |

# QUANTITIES SHEET

SIGNS TO BE INSTALLED ON PROJECT

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | TYPE OF SIGN: FLAT SHEET SQ FT TOTAL | TYPE OF SIGN: REINFORCED PANEL SQ FT PER SIGN | TYPE OF SIGN: REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | D2-2 | 72" x 30" | 15.00 | 15.00 | | | Great Bend 9 / Larned 33 — R.P. 215.130 See Sh. No. 129 |
| 1 | KI-92 | 48" x 24" | 8.00 | 8.00 | | | Ellinwood CITY LIMIT — R.P. 215.154 See Sh. No. 130 |
| 1 | KI-97 | 48" x 24" | 8.00 | 8.00 | | | Rice COUNTY LINE — R.P. 221.298 See Sh. No. 130 |
| 3 | | | | | 31.00 | 0.00 | |

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | TYPE OF SIGN: FLAT SHEET SQ FT TOTAL | TYPE OF SIGN: REINFORCED PANEL SQ FT PER SIGN | TYPE OF SIGN: REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|

NOTE:
SEE STANDARD PLAN SHEET TE590
FOR DETAILED SPECIFICATIONS.

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION

HIGH PERFORMANCE
SIGN INSTALLATIONS
US-56
QUANTITIES SHEET

KDOT Graphics Certified 12-21-2015 Sh. No. 12

Plotted by: rwilliams Date: 4/6/2016
File: \\tnsn\tm\Projects\KDOT\87822_KA-4114-02_Signing\Cadd\Road_Sheets\te433_US56b.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 13 | 148 |

# QUANTITIES SHEET

SIGNS TO BE INSTALLED ON PROJECT

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 2 | D5-5A | 24" x 24" | 4.00 | 8.00 | | | Picnic Table Symbol |
| 3 | I-5 | 24" x 24" | 4.00 | 12.00 | | | Airport Symbol |
| 2 | KD9-0 | 24" x 6" | 1.00 | 2.00 | | | White Arr. / Blue Shield - See Sh. No.131 |
| 3 | KI-0 | 24" x 6" | 1.00 | 3.00 | | | White Arr. / Green Shield - See Sh. No.131 |
| 20 | KRM0 | 6" x 6" | 0.25 | 5.00 | | | Reference Marker (#0) - See Sh. No. 131 |
| 44 | KRM1 | 6" x 6" | 0.25 | 11.00 | | | Reference Marker (#1) - See Sh. No. 131 |
| 46 | KRM2 | 6" x 6" | 0.25 | 11.50 | | | Reference Marker (#2) - See Sh. No. 131 |
| 6 | KRM3 | 6" x 6" | 0.25 | 1.50 | | | Reference Marker (#3) - See Sh. No. 131 |
| 4 | KRM4 | 6" x 6" | 0.25 | 1.00 | | | Reference Marker (#4) - See Sh. No. 131 |
| 4 | KRM5 | 6" x 6" | 0.25 | 1.00 | | | Reference Marker (#5) - See Sh. No. 131 |
| 4 | KRM6 | 6" x 6" | 0.25 | 1.00 | | | Reference Marker (#6) - See Sh. No. 131 |
| 6 | KRM7 | 6" x 6" | 0.25 | 1.50 | | | Reference Marker (#7) - See Sh. No. 131 |
| 6 | KRM8 | 6" x 6" | 0.25 | 1.50 | | | Reference Marker (#8) - See Sh. No. 131 |
| 22 | KRM9 | 6" x 6" | 0.25 | 5.50 | | | Reference Marker (#9) - See Sh. No. 131 |
| 3 | M1-4 | 30" x 24" | 5.00 | 15.00 | | | US Route Sign (US-281) |
| 48 | M1-4 | 30" x 24" | 4.00 | 192.00 | | | US Route Sign (US-56) |
| 45 | M1-5 | 30" x 24" | 5.00 | 225.00 | | | State Route Sign (K-156) |
| 26 | M1-5 | 24" x 24" | 4.00 | 104.00 | | | State Route Sign (K-96) |
| 3 | M2-1 | 21" x 15" | 2.19 | 6.57 | | | Jct |
| 17 | M3-2 | 24" x 12" | 2.00 | 34.00 | | | East |
| 17 | M3-4 | 24" x 12" | 2.00 | 34.00 | | | West |
| 3 | M5-1L | 21" x 15" | 2.19 | 6.57 | | | Advance Turn Arrow Left 90 Degrees |
| 2 | M5-1R | 21" x 15" | 2.19 | 4.38 | | | Advance Turn Arrow Right 90 Degrees |
| 4 | M6-1 | 21" x 15" | 2.19 | 8.76 | | | Directional Arrow |
| 6 | M6-3 | 21" x 15" | 2.19 | 13.14 | | | Directional Arrow (Ahead) |
| 2 | M6-4 | 21" x 15" | 2.19 | 4.38 | | | Directional Arrow (Left & Right) |
| 1 | M6-6L | 21" x 15" | 2.19 | 2.19 | | | Dir. Arrow Straight Ahead, Left 90 Degrees |
| 1 | M6-6R | 21" x 15" | 2.19 | 2.19 | | | Dir. Arrow Straight Ahead, Right 90 Degrees |
| 79 | R1-1 | 36" x 36" | 9.00 | 711.00 | | | Stop Sign |
| 20 | R1-2 | 36" x 36" | 9.00 | 180.00 | | | Yield |
| 11 | R2-1 | 24" x 30" | 5.00 | 55.00 | | | Speed Limit (40) |
| 8 | R2-1 | 24" x 30" | 5.00 | 40.00 | | | Speed Limit (45) |
| 2 | R2-1 | 36" x 48" | 12.00 | 24.00 | | | Speed Limit (45) |
| 2 | R2-1 | 24" x 30" | 5.00 | 10.00 | | | Speed Limit (50) |
| 1 | R2-1 | 24" x 30" | 5.00 | 5.00 | | | Speed Limit (55) |
| 18 | R2-1 | 24" x 30" | 5.00 | 90.00 | | | Speed Limit (65) |
| 1 | R3-7R | 30" x 30" | 6.25 | 6.25 | | | Right Lane Must Turn Right |
| 1 | R5-1 | 30" x 30" | 6.25 | 6.25 | | | Do Not Enter |
| 2 | R5-1a | 36" x 24" | 6.00 | 12.00 | | | Wrong Way |
| 2 | W1-4L | 30" x 30" | 6.25 | 12.50 | | | Left Reverse Curve |
| 2 | W1-4R | 30" x 30" | 6.25 | 12.50 | | | Right Reverse Curve |
| 58 | W1-8 | 24" x 30" | 5.00 | 290.00 | | | Chevron Alignment |
| | | | | 2171.18 | | 0.00 | |
| 556 | | | | | | | |

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 26 | W1-8 | 30" x 36" | 7.50 | 195.00 | | | Chevron Alignment (Flourescent) |
| 16 | W3-1 | 36" x 36" | 9.00 | 144.00 | | | Stop Ahead |
| 2 | W3-5 | 36" x 36" | 9.00 | 18.00 | | | Speed Reduction (40) |
| 1 | W3-5 | 36" x 36" | 9.00 | 9.00 | | | Speed Reduction (45) |
| 1 | W3-5 | 48" x 48" | 16.00 | 16.00 | | | Speed Reduction (45) |
| 1 | W3-5 | 36" x 36" | 9.00 | 9.00 | | | Speed Reduction (50) |
| 2 | W3-5 | 36" x 36" | 9.00 | 18.00 | | | Speed Reduction (55) |
| 1 | W4-2R | 36" x 36" | 9.00 | 9.00 | | | Pavement Width Transition |
| 27 | W10-1 | 36" x 36" | 9.00 | 243.00 | | | Railroad Advanced Warning |
| 36 | W10-2 | 36" x 36" | 9.00 | 324.00 | | | Parallel Railroad Advance Warning |
| 3 | W10-3R | 36" x 36" | 9.00 | 27.00 | | | Parallel Railroad Advance Warning |
| 2 | W10-3L | 36" x 36" | 9.00 | 18.00 | | | Parallel Railroad Advance Warning |
| 2 | W1-10L | 48" x 48" | 16.00 | 32.00 | | | Left Curve Arrow (Flourescent) |
| 2 | W1-10R | 48" x 48" | 16.00 | 32.00 | | | Right Curve Arrow (Flourescent) |
| 2 | W1-2L | 30" x 30" | 6.25 | 12.50 | | | Right Curve |
| 3 | W1-2R | 30" x 30" | 6.25 | 18.75 | | | Right Curve |
| 1 | W13-1 | 18" x 18" | 2.25 | 2.25 | | | Advisory Speed (45) |
| 2 | W13-1 | 18" x 18" | 2.25 | 4.50 | | | Advisory Speed (50) |
| 4 | W13-1 | 24" x 24" | 4.00 | 16.00 | | | Advisory Speed (Flourescent) (40) |
| 22 | W14-3 | 48" x 36" | 5.56 | 122.32 | | | No Passing Zone |
| | | | | 1261.32 | | 0.00 | |
| 156 | | | | | | | |

NOTE:
SEE STANDARD PLAN SHEET TE590
FOR DETAILED SPECIFICATIONS.

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

HIGH PERFORMANCE
SIGN INSTALLATIONS
US-56
QUANTITIES SHEET

KDOT Graphics Certified 12-30-2015

Sh. No. 13

Plotted by: rwilliams Date: 4/6/2016
File: \\transv\UI\Projects\KDOT\87822_KA-4114-02_Signing\Cadd\Road_Sheets\te433_US56c.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 14 | 148 |

# QUANTITIES SHEET

SIGNS TO BE INSTALLED ON PROJECT

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | D1-3 | 84" x 42" | 24.50 | 24.50 | | | ↑ Pratt ← Hutchinson Kinsley → R.P. 75.796 See Sh. No. 133 |
| 1 | D2-2 | 84" x 30" | 17.50 | 17.50 | | | St John 3 Great Bend 28 R.P. 75.797 See Sh. No. 134 |
| 1 | D2-2 | 60" x 30" | 12.50 | 12.50 | | | US-50 3 Pratt 26 R.P. 78.738 See Sh. No. 134 |
| 2 | KI-98 | 60" x 24" | 10.00 | 20.00 | | | St John URBAN BOUNDARY R.P. 78.738 & 78.238 See Sh. No. 137 |
| 1 | KI-29L | 48" x 30" | 10.00 | 10.00 | | | BUSINESS ← DIST R.P. 78.930 See Sh. No. 136 |
| 2 | KI-29R | 48" x 30" | 10.00 | 20.00 | | | BUSINESS DIST → R.P. 78.984 & 115.315 See Sh. No. 136 |
| 1 | D2-2 | 84" x 30" | 17.50 | 17.50 | | | K-19 11 Great Bend 26 R.P. 79.238 See Sh. No. 134 |
| 2 | KI-3 | 60" x 24" | 10.00 | 20.00 | | | Rattlesnake CREEK R.P. 82.441 & 82.531 See Sh. No. 136 |
| 1 | KD7-2aR | 84" x 36" | 21.00 | 21.00 | | | Quivira National Wildlife Refuge 15 Miles → R.P. 82.703 See Sh. No. 136 |
| 11 | | | | 163.00 | | 0.00 | |

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | KD7-2aL | 84" x 36" | 21.00 | 21.00 | | | Quivira National Wildlife Refuge ← 15 Miles R.P. 82.901 See Sh. No. 136 |
| 1 | KD1-1b | 72" x 24" | 12.00 | 12.00 | | | Hudson 5 → VIA COUNTY ROAD R.P. 85.629 See Sh. No. 135 |
| 1 | KD1-1b | 72" x 24" | 12.00 | 12.00 | | | ← Hudson 5 VIA COUNTY ROAD R.P. 85.916 See Sh. No. 135 |
| 1 | D1-2 | 84" x 30" | 17.50 | 17.50 | | | ↑ Great Bend ← Larned R.P. 89.670 See Sh. No. 132 |
| 1 | D2-2 | 60" x 30" | 12.50 | 12.50 | | | St John 11 US-50 14 R.P. 89.681 See Sh. No. 134 |
| 1 | D2-1 | 72" x 18" | 9.00 | 9.00 | | | Great Bend 14 R.P. 89.823 See Sh. No. 133 |
| 1 | D1-2 | 60" x 30" | 12.50 | 12.50 | | | ↑ St John Larned → R.P. 89.823 See Sh. No. 133 |
| 1 | KI-97 | 36" x 24" | 6.00 | 6.00 | | | Barton COUNTY LINE R.P. 96.859 See Sh. No. 136 |
| 1 | KI-97 | 48" x 24" | 8.00 | 8.00 | | | Stafford COUNTY LINE R.P. 97.014 See Sh. No. 137 |
| 9 | | | | 110.50 | | 0.00 | |

NOTE:
SEE STANDARD PLAN SHEET TE590
FOR DETAILED SPECIFICATIONS.

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION

HIGH PERFORMANCE
SIGN INSTALLATIONS
US-281
QUANTITIES SHEET

KDOT Graphics Certified 12-21-2015 Sh. No. 14

KDOT Graphics Certified

Plotted by: rwilliams Date: 4/6/2016
File: \\tmsrv\tm\Projects\KDOT\87622_KA-4114-02_Signing\Cadd\Road_Sheets\te433_US281.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 15 | 148 |

# QUANTITIES SHEET

SIGNS TO BE INSTALLED ON PROJECT

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | KD7-1 | 84" x 24" | 14.00 | 14.00 | | | ← Barton County Historical Museum<br>R.P. 103.150<br>See Sh. No. 137 |
| 1 | KD7-1 | 84" x 24" | 14.00 | 14.00 | | | Barton County Historical Museum →<br>R.P. 103.208<br>See Sh. No. 137 |
| 1 | D2-3 | 84" x 42" | 24.50 | 24.50 | | | US-50 28<br>Pratt 49<br>Medicine Lodge 79<br>R.P. 103.226<br>See Sh. No. 135 |
| 2 | KD12-5 | 30" x 36" | 7.50 | 15.00 | | | TRAVEL INFO CALL 511<br>R.P. 103.270 & 105.652<br>See Sh. No. 137 |
| 2 | KI-3 | 60" x 24" | 10.00 | 20.00 | | | Arkansas RIVER<br>R.P. 103.339 & 103.504<br>See Sh. No. 136 |
| 2 | KI-92 | 60" x 24" | 10.00 | 20.00 | | | Great Bend CITY LIMIT<br>R.P. 103.500 & 105.551<br>See Sh. No. 136 |
| 1 | SPSIGN | 60" x 24" | 10.00 | 10.00 | | | Home of Jack Kilby<br>R.P. 103.521<br>See Sh. No. 135 |
| 1 | D1-3 | 72" x 42" | 21.00 | 21.00 | | | ↑ Russell<br>← Ness City<br>Lyons →<br>R.P. 104.029<br>See Sh. No. 133 |
| 1 | D1-3 | 60" x 42" | 17.50 | 17.50 | | | ↑ St John<br>← Lyons<br>Larned →<br>R.P. 104.102<br>See Sh. No. 133 |
| 12 | | | | 156.00 | | 0.00 | |

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | D2-2 | 72" x 30" | 15.00 | 15.00 | | | Holsington 9<br>Russell 37<br>R.P. 105.551<br>See Sh. No. 134 |
| 1 | D1-3 | 84" x 42" | 24.50 | 24.50 | | | Barton Comm. College 2 Miles →<br>R.P. 106.901<br>See Sh. No. 132 |
| 2 | SPSIGN | 48" x 48" | 16.00 | 32.00 | | | R.P. 106.955 & 107.324<br>See Sh. No. 132 |
| 1 | KI-12a | 48" x 36" | 12.00 | 12.00 | | | WASTE DISPOSAL SITE 3 →<br>R.P. 107.061<br>See Sh. No. 132 |
| 1 | KI-12a | 48" x 36" | 12.00 | 12.00 | | | WASTE DISPOSAL ← SITE 3<br>R.P. 107.240<br>See Sh. No. 132 |
| 1 | D1-3 | 84" x 42" | 24.50 | 24.50 | | | Barton Comm. College ← 2 Miles<br>R.P. 107.277<br>See Sh. No. 132 |
| 7 | | | | 120.00 | | 0.00 | |

NOTE:
SEE STANDARD PLAN SHEET TE590
FOR DETAILED SPECIFICATIONS.

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION

HIGH PERFORMANCE
SIGN INSTALLATIONS
US-281
QUANTITIES SHEET

KDOT Graphics Certified 12-21-2015 Sh. No. 15

KDOT Graphics Certified

Plotted by: mlillams Date: 4/6/2016
File: \\tmsrv\tm\Projects\KDOT\87822_KA-4114-02_Signing\Cadd\Road_Sheets\te433_US281a.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 16 | 148 |

# QUANTITIES SHEET

SIGNS TO BE INSTALLED ON PROJECT

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 2 | KI-3 | 48" x 24" | 8.00 | 16.00 | | | Walnut CREEK<br>R.P. 108.200 & 108.243<br>See Sh. No. 136 |
| 1 | D2-1 | 84" x 18" | 10.50 | 10.50 | | | Quivira Refuge 42<br>R.P. 110.125<br>See Sh. No. 135 |
| 1 | KD7-2R | 84" x 24" | 14.00 | 14.00 | | | Cheyenne Bottoms 2 Miles →<br>R.P. 110.132<br>See Sh. No. 135 |
| 1 | KD7-2L | 84" x 24" | 14.00 | 14.00 | | | ← Cheyenne Bottoms 2 Miles<br>R.P. 110.250<br>See Sh. No. 135 |
| 1 | D2-2 | 84" x 30" | 17.50 | 17.50 | | | Great Bend 9<br>St John 36<br>R.P. 114.460<br>See Sh. No. 134 |
| 2 | KI-92 | 60" x 24" | 10.00 | 20.00 | | | Hoisington CITY LIMIT<br>R.P. 114.470 & 115.586<br>See Sh. No. 136 |
| 1 | D1-3 | 72" x 36" | 18.00 | 18.00 | | | ← Russell<br>La Crosse<br>JCT K-156 →<br>R.P. 115.161<br>See Sh. No. 133 |
| 1 | D1-2 | 84" x 30" | 17.50 | 17.50 | | | ↑ JCT K-156<br>Great Bend →<br>R.P. 115.290<br>See Sh. No. 132 |
| 10 | | | | 127.50 | | 0.00 | |

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | D2-2 | 72" x 30" | 15.00 | 15.00 | | | Russell 27<br>La Crosse 29<br>R.P. 115.654<br>See Sh. No. 134 |
| 1 | D1-2 | 72" x 30" | 15.00 | 15.00 | | | ↑ La Crosse<br>Russell →<br>R.P. 119.685<br>See Sh. No. 133 |
| 1 | D2-2 | 72" x 30" | 15.00 | 15.00 | | | Hoisington 4<br>Great Bend 14<br>R.P. 119.720<br>See Sh. No. 134 |
| 1 | D1-2 | 72" x 30" | 15.00 | 15.00 | | | ← Hoisington<br>La Crosse →<br>R.P. 119.874<br>See Sh. No. 132 |
| 1 | D2-2 | 60" x 30" | 12.50 | 12.50 | | | Russell 23<br>Osborne 70<br>R.P. 120.000<br>See Sh. No. 134 |
| 1 | D1-3 | 60" x 36" | 15.00 | 15.00 | | | Susank<br>Beaver →<br>← Galatia<br>R.P. 126.695<br>See Sh. No. 133 |
| 1 | D1-3 | 60" x 36" | 15.00 | 15.00 | | | ← Susank<br>Beaver<br>Galatia →<br>R.P. 126.830<br>See Sh. No. 133 |
| 1 | KI-97 | 48" x 24" | 8.00 | 8.00 | | | Russell COUNTY LINE<br>R.P. 130.841<br>See Sh. No. 136 |
| 8 | | | | 110.50 | | 0.00 | |

NOTE:
SEE STANDARD PLAN SHEET TE590
FOR DETAILED SPECIFICATIONS.

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

HIGH PERFORMANCE
SIGN INSTALLATIONS
US-281
QUANTITIES SHEET

| | | | |
|---|---|---|---|
| FILE NAME | 127210001.DGN | USER NAME | STEVEN A. RUCKMAN |
| FILE NO. | | | |
| DESIGNED | R.B.A./DK.T.A.L.D. | R.B.A./QUANTITIES | TRACED |
| REVIEWED | S.A./DK.T.A.L.D. | R.B.A./QUANTITIES | CHECKED |

KDOT Graphics Certified 12-21-2015

Sh. No. 16

KDOT Graphics Certified

Plotted by: rwilliams Date: 4/6/2016
File: \\Ussrv\Ks\Projects\KDOT\87822_KA-4114-02_Signing\Cadd\Road_Sheets\te433_US281b.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 17 | 148 |

# QUANTITIES SHEET

SIGNS TO BE INSTALLED ON PROJECT

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 1 | D9-2 | 24" x 24" | 4.00 | 4.00 | | | Hospital Symbol |
| 1 | D9-3a | 24" x 24" | 4.00 | 4.00 | | | Camper Symbol |
| 2 | KD9-0 | 24" x 6" | 1.00 | 2.00 | | | White Arr. / Blue Shield - See Sh. No 132 |
| 1 | KR4-3a | 24" x 30" | 5.00 | 5.00 | | | Keep Rt. Except To Pass - See Sh. No.132 |
| 10 | KR7-1 | 24" x 36" | 6.00 | 60.00 | | | No Parking - See Sh. No. 137 |
| 15 | KR8-1 | 24" x 30" | 5.00 | 75.00 | | | No Driving on Shoulder - See Sh. No. 135 |
| 28 | KRM0 | 6" x 6" | 0.25 | 7.00 | | | Reference Marker (#0) - See Sh. No. 132 |
| 84 | KRM1 | 6" x 6" | 0.25 | 21.00 | | | Reference Marker (#1) - See Sh. No. 132 |
| 30 | KRM2 | 6" x 6" | 0.25 | 7.50 | | | Reference Marker (#2) - See Sh. No. 132 |
| 12 | KRM3 | 6" x 6" | 0.25 | 3.00 | | | Reference Marker (#3) - See Sh. No. 132 |
| 8 | KRM4 | 6" x 6" | 0.25 | 2.00 | | | Reference Marker (#4) - See Sh. No. 132 |
| 6 | KRM5 | 6" x 6" | 0.25 | 1.50 | | | Reference Marker (#5) - See Sh. No. 132 |
| 12 | KRM6 | 6" x 6" | 0.25 | 3.00 | | | Reference Marker (#6) - See Sh. No. 132 |
| 20 | KRM7 | 6" x 6" | 0.25 | 5.00 | | | Reference Marker (#7) - See Sh. No. 132 |
| 32 | KRM8 | 6" x 6" | 0.25 | 8.00 | | | Reference Marker (#8) - See Sh. No. 132 |
| 32 | KRM9 | 6" x 6" | 0.25 | 8.00 | | | Reference Marker (#9) - See Sh. No. 132 |
| 48 | M1-4 | 30" x 24" | 5.00 | 240.00 | | | US Route Sign (US-281) |
| 2 | M1-4 | 24" x 24" | 4.00 | 8.00 | | | US Route Sign (US-50) |
| 4 | M1-4 | 24" x 24" | 4.00 | 16.00 | | | US Route Sign (US-56) |
| 4 | M1-5 | 30" x 24" | 5.00 | 20.00 | | | State Route Sign (K-156) |
| 5 | M1-5 | 24" x 24" | 4.00 | 20.00 | | | State Route Sign (K-19) |
| 11 | M1-5 | 24" x 24" | 4.00 | 44.00 | | | State Route Sign (K-4) |
| 4 | M1-5 | 24" x 24" | 4.00 | 16.00 | | | State Route Sign (K-96) |
| 7 | M2-1 | 21" x 15" | 2.19 | 15.33 | | | JCT |
| 17 | M3-1 | 24" x 12" | 2.00 | 34.00 | | | North |
| 1 | M3-2 | 24" x 12" | 2.00 | 2.00 | | | East |
| 17 | M3-3 | 24" x 12" | 2.00 | 34.00 | | | South |
| 1 | M3-4 | 24" x 12" | 2.00 | 2.00 | | | West |
| 1 | M4-6 | 24" x 12" | 2.00 | 2.00 | | | End |
| 1 | M5-1L | 21" x 15" | 2.19 | 2.19 | | | Advance Turn Arrow Left 90 Degrees |
| 2 | M5-2R | 21" x 15" | 2.19 | 4.38 | | | Advance Turn Arrow Right 45 Degrees |
| 5 | M6-1 | 21" x 15" | 2.19 | 10.95 | | | Directional Arrow |
| 1 | M6-2R | 21" x 15" | 2.19 | 2.19 | | | Directional Arrow Right 45 Degrees |
| 10 | M6-3 | 21" x 15" | 2.19 | 21.90 | | | Directional Arrow (Ahead) |
| 6 | M6-4 | 21" x 15" | 2.19 | 13.14 | | | Directional Arrow (Left & Right) |
| 1 | M6-6L | 21" x 15" | 2.19 | 2.19 | | | Arrow Ahead and 90 Degree Left |
| 119 | R1-1 | 36" x 36" | 7.46 | 887.74 | | | Stop Sign |
| 7 | R1-1 | 48" x 48" | 13.25 | 92.75 | | | Stop Sign |
| 2 | R1-2 | 36" x 36" | 3.90 | 7.80 | | | Yield |
| 1 | R2-1 | 24" x 30" | 5.00 | 5.00 | | | Speed Limit (20) |
| 4 | R2-1 | 24" x 30" | 5.00 | 20.00 | | | Speed Limit (35) |
| 3 | R2-1 | 24" x 30" | 5.00 | 15.00 | | | Speed Limit (40) |
| 6 | R2-1 | 24" x 30" | 5.00 | 30.00 | | | Speed Limit (45) |
| 10 | R2-1 | 24" x 30" | 5.00 | 50.00 | | | Speed Limit (50) |
| 15 | R2-1 | 24" x 30" | 5.00 | 75.00 | | | Speed Limit (55) |
| 607 | | | | 1909.56 | | 0.00 | |

| QUANTITY | SIGN NO. | SIGN SIZE | TYPE OF SIGN: FLAT SHEET SQ FT PER SIGN | FLAT SHEET SQ FT TOTAL | REINFORCED PANEL SQ FT PER SIGN | REINFORCED PANEL SQ FT TOTAL | DESIGN DETAILS (AS REQUIRED) |
|---|---|---|---|---|---|---|---|
| 30 | R2-1 | 24" x 30" | 5.00 | 150.00 | | | Speed Limit (65) |
| 1 | R5-1 | 30" x 30" | 6.25 | 6.25 | | | Do Not Enter |
| 1 | W10-1 | 36" x 36" | 7.07 | 7.07 | | | Railroad Advance Warning symbol |
| 1 | W1-2L | 30" x 30" | 6.25 | 6.25 | | | Left Curve |
| 3 | W1-2L | 48" x 48" | 16.00 | 48.00 | | | Left Curve (Fluorescent) |
| 2 | W1-2R | 48" x 48" | 16.00 | 32.00 | | | Right Curve (Fluorescent) |
| 1 | W1-2R | 30" x 30" | 6.25 | 6.25 | | | Right Curve |
| 2 | W1-7 | 48" x 24" | 8.00 | 16.00 | | | Large Arrow (Left & Right |
| 110 | W1-8 | 24" x 30" | 5.00 | 550.00 | | | Chevron Alignment |
| 6 | W2-1 | 30" x 30" | 6.25 | 37.50 | | | 4-Leg Intersection |
| 19 | W3-1 | 36" x 36" | 9.00 | 171.00 | | | Stop Ahead |
| 6 | W3-1 | 48" x 48" | 16.00 | 96.00 | | | Stop Ahead |
| 1 | W3-5 | 36" x 36" | 9.00 | 9.00 | | | Speed Reduction (20) |
| 1 | W3-5 | 36" x 36" | 9.00 | 9.00 | | | Speed Reduction (30) |
| 1 | W3-5 | 36" x 36" | 9.00 | 9.00 | | | Speed Reduction (35) |
| 2 | W3-5 | 36" x 36" | 9.00 | 18.00 | | | Speed Reduction (40) |
| 2 | W3-5 | 36" x 36" | 9.00 | 18.00 | | | Speed Reduction (45) |
| 3 | W3-5 | 36" x 36" | 9.00 | 27.00 | | | Speed Reduction (50) |
| 1 | W3-5 | 36" x 36" | 9.00 | 9.00 | | | Speed Reduction (55) |
| 1 | W4-1R | 36" x 36" | 9.00 | 9.00 | | | Merge |
| 5 | W4-2R | 36" x 36" | 9.00 | 45.00 | | | Lane Ends |
| 2 | W4-4p | 48" x 24" | 8.00 | 16.00 | | | Cross Traffic Does Not Stop |
| 1 | W6-3 | 36" x 36" | 9.00 | 9.00 | | | Two Way Traffic |
| 1 | W9-1R | 36" x 36" | 9.00 | 9.00 | | | Right Lane Ends |
| 4 | W13-1 | 18" x 18" | 2.25 | 9.00 | | | Advisory Speed (45) |
| 2 | W13-1 | 24" x 24" | 4.00 | 8.00 | | | Advisory Speed (Fluorescent) (50) |
| 2 | W13-1 | 18" x 18" | 2.25 | 4.50 | | | Advisory Speed (55) |
| 1 | W13-3 | 24" x 30" | 5.00 | 5.00 | | | Ramp 40 MPH |
| 62 | W14-3 | 48" x 36" | 5.56 | 344.72 | | | No Passing Zone |
| 273 | | | | 1684.54 | | 0.00 | |

NOTE:
SEE STANDARD PLAN SHEET TE590
FOR DETAILED SPECIFICATIONS.

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

HIGH PERFORMANCE
SIGN INSTALLATIONS
US-281
QUANTITIES SHEET

KDOT Graphics Certified 04-06-2016

Sh. No. 17

KDOT Graphics Certified

Plotted by: rwilliams Date: 4/6/2016
File:\\Winsrv\fsn\Projects\KDOT\87822_KA-4114-02_Signing\CaddRoad_Sheets\ts433_US281c.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 18 | 148 |

# SUMMARY OF QUANTITIES

## SIGNS

| TYPE | NUMBER | SQUARE FEET |
|---|---|---|
| FLAT SHEET | 2,152 | 10,375.64 |
| REINFORCED PANEL | | |
| OVERLAY | | |

## DELINEATORS

| TYPE | FLEXIBLE DELINEATOR | | RIGID DELINEATOR | |
|---|---|---|---|---|
| | TYPE I ANCHOR | TYPE III ANCHOR | "U" POST | BRACKET MOUNT |
| TYPE 'A' WHITE | | | | |
| TYPE 'A' YELLOW | | | | |
| TYPE 'B' WHITE | | | | |
| TYPE 'B' YELLOW | | | | |
| TYPE 'A' WHITE (BACK TO BACK) | | | | |
| TYPE 'A' YELLOW (BACK TO BACK) | | | | |

## POSTS AND ALUMINUM BEAMS

| | 4" x 6" POST | | | | "U" POST | | GALVANIZED STEEL BEAM POST | | | | | | PERFORATED SQUARE STEEL TUBE (PSST) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WOOD | | STEEL | | | | W6x9 | | W10x12 | | W10x22 | | | | | |
| | FLAT SHEET SIGN | REINFORCED PANEL SIGN | STRUCTURAL TUBING | 312.25 ALUMINUM BEAM | 2 LBS/FT | 3 LBS/FT | A36 STEEL | A572 STEEL (ALT) | A36 STEEL | A572 STEEL (ALT) | A36 STEEL | A572 STEEL (ALT) | 1-3/4" | 2" | 2-1/4" | 2-1/2" |
| NUMBER | | | | | | | | | | | | | | | | |
| FEET | | | | | | | | | | | | | | | | |

## OBJECT MARKERS

| TYPE | NUMBER |
|---|---|
| TYPE 2 ("U" POST) | |
| TYPE 3 ("U" POST) | |

## POST FOOTINGS AND PSST COUPLERS

| | CONCRETE FOOTING (DIA.) | | | | | PERFORATED SQUARE STEEL TUBE (PSST) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | WOOD | A36 STEEL | | A572 STEEL (ALT) | | PERFORATED SQUARE STEEL TUBE FOOTING | | | | COUPLER | COUPLER WITH FOOTING |
| | 18" | 24" | 30" | 24" | 30" | 1-3/4" | 2" | 2-1/4" | 2-1/2" | | |
| NUMBER | | | | | | | | | | | |
| FEET | | | | | | | | | | | |

## SIGN STRUCTURES

| TYPE | NEW | MODIFIED |
|---|---|---|
| OVERHEAD STRUCTURE | | |
| CANTILEVER STRUCTURE | | |
| BUTTERFLY STRUCTURE | | |
| BRIDGE MOUNT ATTACHMENT | | |
| MAST ARM SIGN SUPPORT | | |
| | | |

## REMOVALS

| TYPE | NUMBER |
|---|---|
| SIGNS | 2,140 |
| POSTS | 370 |
| FOOTINGS | |
| SIGN STRUCTURES | |
| | |
| | |

## BASE PLATES AND STUB POSTS

| | W6x9 | | W10x12 | | W10x22 | |
|---|---|---|---|---|---|---|
| | A36 STEEL | A572 STEEL (ALT) | A36 STEEL | A572 STEEL (ALT) | A36 STEEL | A572 STEEL (ALT) |
| BREAKAWAY BASES | | | | | | |
| BASE PLATE (TOP) | | | | | | |
| STUB POST WITH BASE PLATE | | | | | | |
| | | | | | | |
| NON-BREAKAWAY BASES | | | | | | |
| BASE PLATE | | | | | | |

## NUMBER & LENGTHS OF POSTS & ALUMINUM BEAMS (INFORMATION ONLY)

| LENGTH OF POST OR BEAM | 4" x 6" POST | | | | "U" POST | | GALVANIZED STEEL BEAM POST | | | | | | PERFORATED SQUARE STEEL TUBE (PSST) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WOOD | | STEEL | | | | W6x9 | | W10x12 | | W10x22 | | | | | |
| | FLAT SHEET SIGN | REINFORCED PANEL SIGN | STRUCTURAL TUBING | 312.25 ALUMINUM BEAM | 2 LBS/FT | 3 LBS/FT | A36 STEEL | A572 STEEL (ALT) | A36 STEEL | A572 STEEL (ALT) | A36 STEEL | A572 STEEL (ALT) | 1-3/4" | 2" | 2-1/4" | 2-1/2" |
| 2.1' - 4' | | | | | | | | | | | | | | | | |
| 4.1' - 6' | | | | | | | | | | | | | | | | |
| 6.1' - 8' | | | | | | | | | | | | | | | | |
| 8.1' - 10' | | | | | | | | | | | | | | | | |
| 10.1' - 12' | | | | | | | | | | | | | | | | |
| 12.1' - 14' | | | | | | | | | | | | | | | | |
| 14.1' - 16' | | | | | | | | | | | | | | | | |
| 16.1' - 18' | | | | | | | | | | | | | | | | |
| 18.1' - 20' | | | | | | | | | | | | | | | | |
| 20.1' - 22' | | | | | | | | | | | | | | | | |
| 22.1' - 24' | | | | | | | | | | | | | | | | |
| 24.1' - 26' | | | | | | | | | | | | | | | | |
| 26.1' - 28' | | | | | | | | | | | | | | | | |
| 28.1' - 30' | | | | | | | | | | | | | | | | |
| 30.1' - 32' | | | | | | | | | | | | | | | | |

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|
| 1 | 7/21/99 | Rearrange Tables | | |

KANSAS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
FOR
INSTALLATIONS AND REMOVALS

7/1/03

KDOT Graphics Certified 04-00-2016 Sh. No. 18

Plotted by: rwilliams
Date: 4/8/2016
File: \\Kansas\Bn\Projects\KDOT\87822_KA-4114-02_Signing\Cadd\Road_Sheets\ts439.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 19 | 148 |

# RECAPITULATION OF SIGNING & DELINEATION BID ITEMS

| BID ITEMS | APPROXIMATE QUANTITIES | | UNITS |
|---|---|---|---|
| SIGN (FLAT SHEET) (HIGH PERFORMANCE) | 10,375.64 | | SQUARE FOOT |
| SIGN (REINFORCED PANEL) (HIGH PERFORMANCE) | | | SQUARE FOOT |
| SIGN (OVERLAY) (HIGH PERFORMANCE) | | | SQUARE FOOT |
| SIGN POST (4" x 6" WOOD) (FLAT SHEET SIGN) | | | LINEAR FOOT |
| SIGN POST (4" x 6" WOOD) (REINFORCED PANEL SIGN) | | | LINEAR FOOT |
| SIGN POST (2 LB/FT "U" STEEL) | | | LINEAR FOOT |
| SIGN POST (3 LB/FT "U" STEEL) | | | LINEAR FOOT |
| SIGN POST (1-3/4" PERFORATED SQUARE STEEL TUBE) | | | LINEAR FOOT |
| SIGN POST (2" PERFORATED SQUARE STEEL TUBE) | | | LINEAR FOOT |
| SIGN POST (2-1/4" PERFORATED SQUARE STEEL TUBE) | | | LINEAR FOOT |
| SIGN POST (2-1/2" PERFORATED SQUARE STEEL TUBE) | | | LINEAR FOOT |
| SIGN POST (4" X 6" STRUCTURAL STEEL) | | | LINEAR FOOT |
| SIGN POST (3 I 2.25 ALUMINUM) | A36 | A572(ALT) | |
| SIGN POST (W6X9 STEEL BEAM) | | | LINEAR FOOT |
| SIGN POST (W10X12 STEEL BEAM) | | | LINEAR FOOT |
| SIGN POST (W10X22 STEEL BEAM ) | | | LINEAR FOOT |
| SIGN POST STUB WITH BREAKAWAY BASE PLATE (W6X9) | | | EACH |
| SIGN POST STUB WITH BREAKAWAY BASE PLATE (W10X12) | | | EACH |
| SIGN POST STUB WITH BREAKAWAY BASE PLATE (W10X22) | | | EACH |
| SIGN POST BREAKAWAY BASE PLATE (W6X9) | | | EACH |
| SIGN POST BREAKAWAY BASE PLATE (W10X12) | | | EACH |
| SIGN POST BREAKAWAY BASE PLATE (W10X22) | | | EACH |
| SIGN POST FOOTING (24" Dia. CONCRETE)(STEEL BEAM POST) | | | LINEAR FOOT |
| SIGN POST FOOTING (30" Dia. CONCRETE)(STEEL BEAM POST) | | | LINEAR FOOT |
| SIGN POST FOOTING (18" Dia. CONCRETE)(WOOD POST) | | | LINEAR FOOT |
| SIGN POST FOOTING (1-3/4" PERFORATED SQUARE STEEL TUBE) | | | EACH |
| SIGN POST FOOTING (2" PERFORATED SQUARE STEEL TUBE) | | | EACH |
| SIGN POST FOOTING (2-1/4" PERFORATED SQUARE STEEL TUBE) | | | EACH |
| SIGN POST FOOTING (2-1/2" PERFORATED SQUARE STEEL TUBE) | | | EACH |
| SIGN POST FOOTING (SIGN POST SQUARE COUPLER) (2-1/4") | | | EACH |
| SIGN POST SQUARE COUPLER (2-1/4") | | | EACH |
| SIGNING OBJECT MARKER (TYPE 2) | | | EACH |
| SIGNING OBJECT MARKER (TYPE 3) | | | EACH |
| SIGNING DELINEATOR (TYPE A)(WHITE RIGID, "U" POST) | | | EACH |
| SIGNING DELINEATOR (TYPE A)(YELLOW RIGID, "U" POST) | | | EACH |
| SIGNING DELINEATOR (TYPE B)(WHITE RIGID, "U" POST) | | | EACH |
| SIGNING DELINEATOR (TYPE B)(YELLOW RIGID, "U" POST) | | | EACH |
| SIGNING DELINEATOR (TYPE A)(WHITE FLEXIBLE)(TYPE I ANCHOR) | | | EACH |
| SIGNING DELINEATOR (TYPE A)(YELLOW FLEXIBLE)(TYPE I ANCHOR) | | | EACH |
| SIGNING DELINEATOR (TYPE B)(WHITE FLEXIBLE)(TYPE I ANCHOR) | | | EACH |
| SIGNING DELINEATOR (TYPE B)(YELLOW FLEXIBLE)(TYPE I ANCHOR) | | | EACH |
| SIGNING DELINEATOR (TYPE A)(WHITE FLEXIBLE)(TYPE 3 ANCHOR) | | | EACH |
| SIGNING DELINEATOR (TYPE A)(YELLOW FLEXIBLE)(TYPE 3 ANCHOR) | | | EACH |
| SIGNING DELINEATOR (TYPE B)(WHITE FLEXIBLE)(TYPE 3 ANCHOR) | | | EACH |
| SIGNING DELINEATOR (TYPE B)(YELLOW FLEXIBLE)(TYPE 3 ANCHOR) | | | EACH |

| BID ITEMS | APPROXIMATE QUANTITIES | UNITS |
|---|---|---|
| | | |

NOTE:
THE QUANTITIES FOR STEEL BEAM POSTS, STUB POSTS, BASE PLATES, AND FOOTINGS IN THE CONTRACT ARE FOR A36 STEEL. WHEN FURNISHING A572 ALTERNATE STEEL BEAM POSTS, STUB POSTS, BASE PLATES, AND FOOTINGS, PAYMENT FOR THESE ITEMS WILL BE BASED ON THE A36 STEEL UNIT PRICES INCLUDED IN THE CONTRACT.

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|
| 1 | 7/21/06 | CHANGED BID ITEMS ON SHEET SIGNS, SIGNS, SIGNS, LINEAR | D.D.D. | D.D. |

KANSAS DEPARTMENT OF TRANSPORTATION
RECAPITULATION OF SIGNING & DELINEATION BID ITEMS

TE450 7/1/04

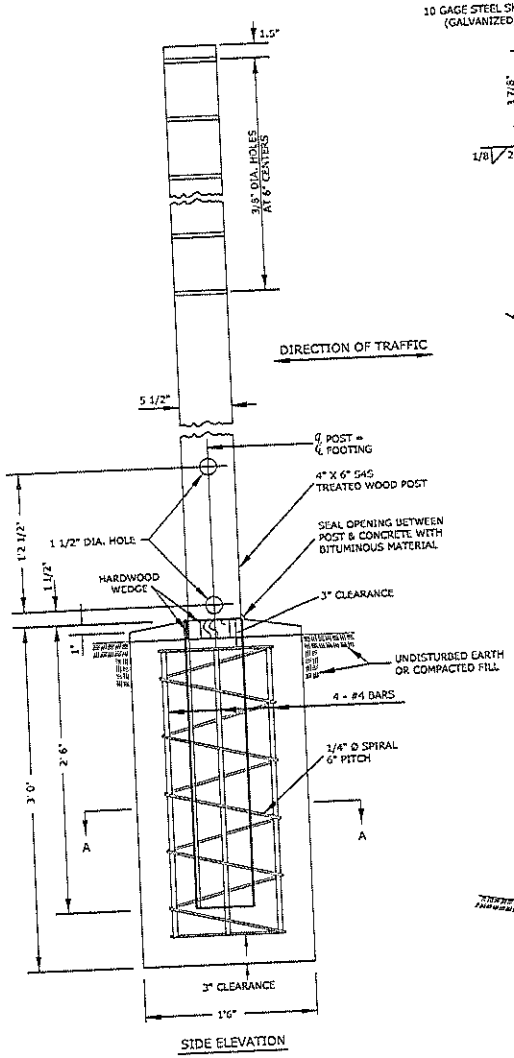
FIELD APPROVAL 7/21/06 DATE STEVEN L. BUCHANAN
DESIGNED D.D.DEVLIN/A.D. A.D.DOUGHITT DRAWN
REVIEWED D.M.BECKLIN/D.A. REVIEWED D.M.BECKLIN/D.A. CHECK
REVISED D.M.BECKLIN/D.A. REVIEWED D.M.BECKLIN/D.A. CHECK

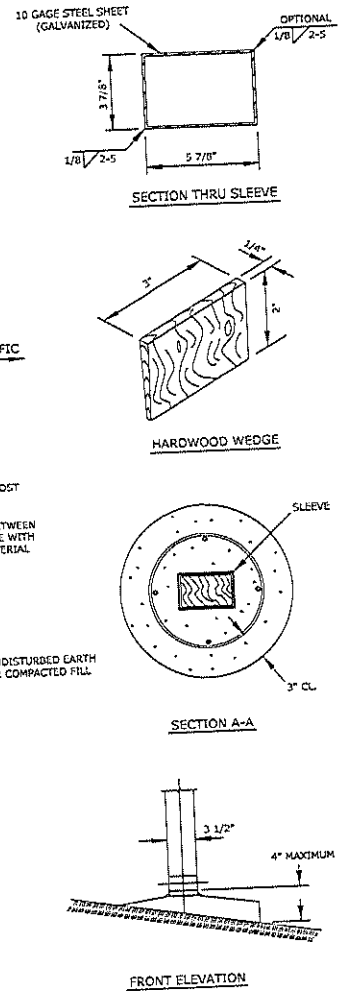
KDOT Graphics Certified 04-06-2016 SH. NO. 19

KDOT Graphics Certified

Plotted by: rwilliams Date: 4/6/2016
File: \\Ins\rrm\Projects\KDOT\87822_KA-4114-02_Signing\CaddRead_Sheets\te450.dgn

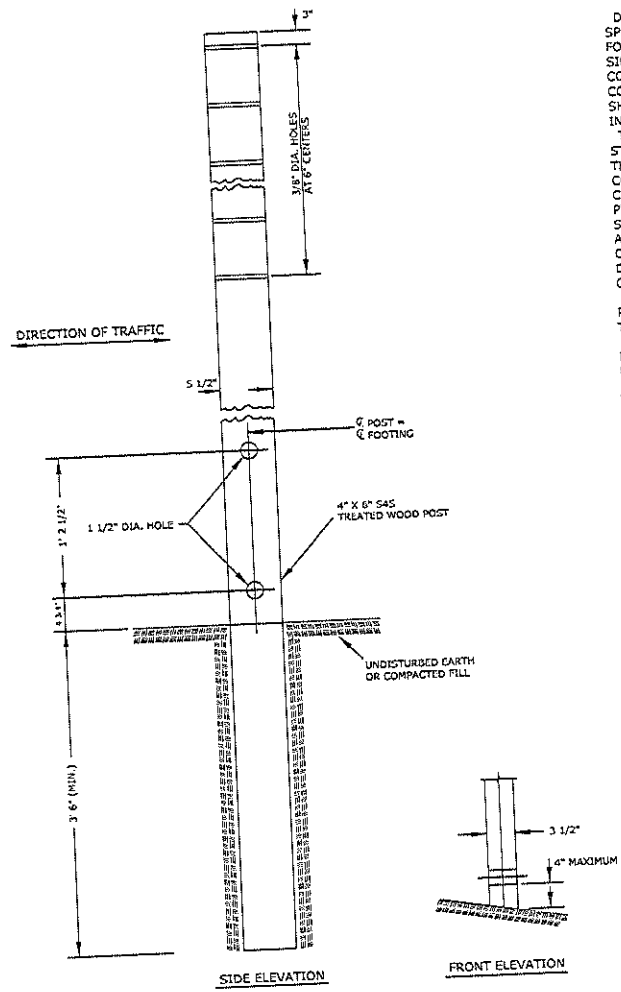
| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 114 | 148 |




NOTE:
COMMERCIAL GRADE CONCRETE MAY BE SUBSTITUTED FOR GRADE 25 CONCRETE FOR SIGN SUPPORT FOOTINGS.

WOOD POST IN CONCRETE FOOTING




WOOD POST IN SOIL

GENERAL NOTES

DESIGN CONFORMS WITH ASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS 2002". FOUNDATION DESIGN CONFORMS WITH "DESIGN PROCEDURE COMPARED TO FULL-SCALE TESTS OF DRILLED SHAFT FOOTINGS", TEXAS TRANSPORTATION INSTITUTE, FEBRUARY 1970.

THE POST SLEEVE SHALL BE FORMED FROM STEEL SHEET WHICH WAS PRODUCED TO MEET THE REQUIREMENTS OF ASTM A653M AND ZINC COATED TO MEET THE REQUIREMENTS OF COATING DESIGNATION A123. IT IS PERMISSIBLE TO CLOSE THE BOTTOM OF THE SLEEVE WITH A METAL PLATE. BASIS OF ACCEPTANCE SHALL BE VISUAL INSPECTION OF THE FINISHED SLEEVE AND DETERMINATION OF ZINC THICKNESS BY MAGNETIC GAGE.

ALL SIGN MOUNTING HOLES IN THE WOOD POSTS SHALL BE DRILLED PRIOR TO TREATING.

BREAKAWAY HOLES AND FIELD CUTS SHALL BE TREATED IN ACCORDANCE WITH THE PRESERVATIVE TREATMENT SPECIFICATIONS.

PRIOR TO SEALING THE OPENING BETWEEN THE WOOD POST AND THE TOP OF THE CONCRETE FOOTING, PLACE TWO HARDWOOD WEDGES INTO THE OPENING ON TWO ADJACENT SIDES OF POST AND FORCE DOWN TO WITHIN 3/8" OF TOP OF FOOTING.

NOTE TO THE ENGINEER:
THE INTENT OF THE "ROADSIDE DESIGN GUIDE" AND THESE PLANS IS TO HAVE A 4" OR LESS PROJECTION ABOVE THE GROUND LINE AFTER IMPACT.

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE NOTED.

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION

DETAILS FOR WOOD POSTS

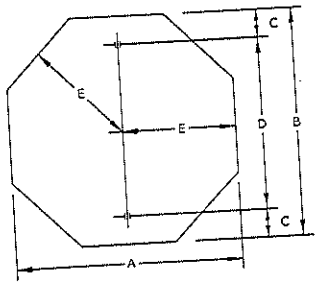
TE460 7/1/03

KDOT Graphics Certified 01-18-2011 Sh. No. 114

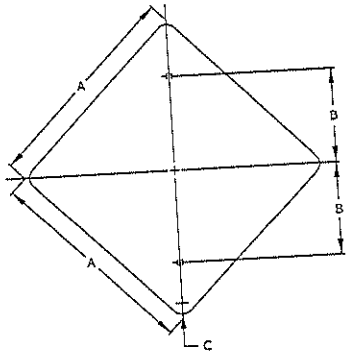
KDOT Graphics Certified

Plotted by: rwilliams Date: 4/6/2016
File: \\tmsrv\tm\Projects\KDOT\87822_KA-4114-02_Signing\Cadd\Road_Sheets\te460.dgn

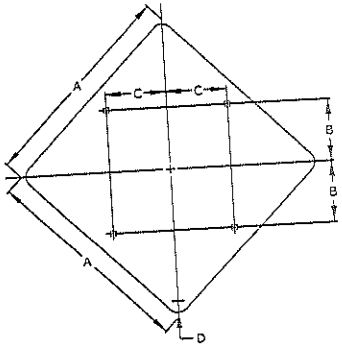
| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 119 | 148 |




| SIGN SIZE | A | B | C | D | E | T | AREA |
|---|---|---|---|---|---|---|---|
| 30 X 30 | 30 | 30 | 3 | 24 | 15 | 0.080 | 5.18 |
| 36 X 36 | 36 | 36 | 6 | 24 | 18 | 0.080 | 7.46 |




| | SIGN SIZE | A | B | C | T | AREA |
|---|---|---|---|---|---|---|
| 1 | 5 X 5 | 5 | 2 1/2 | 3/8 | 0.040 | 0.17 |
| | 18 X 18 | 18 | 6 | 1 1/2 | 0.080 | 2.25 |
| | 24 X 24 | 24 | 12 | 1 1/2 | 0.080 | 4.00 |
| | 30 X 30 | 30 | 12 | 1 7/8 | 0.080 | 6.25 |
| 2 | 36 X 36 | 36 | 18 | 2 1/4 | 0.080 | 9.00 |




| SIGN SIZE | A | B | C | D | T | AREA |
|---|---|---|---|---|---|---|
| 48 X 48 | 48 | 12 | 15 | 3 | 2 1/2 | 16.00 |

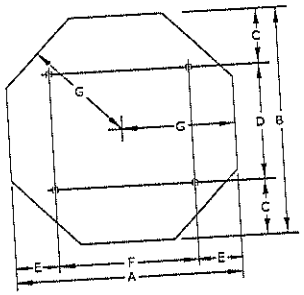
NOTE:
ALL HOLES ARE 3/8 " SQUARE UNLESS OTHERWISE NOTED.

THE DIMENSION "T" IS THE THICKNESS OF THE ALUMINUM BLANK.

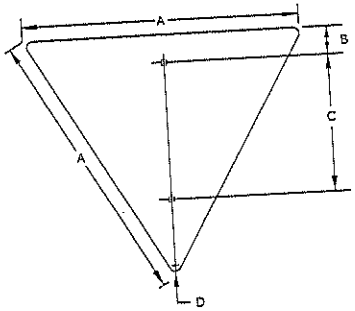
ALL DIMENSIONS ARE IN INCHES.

1 HOLES SHALL BE 5/16 " DIAMETER.

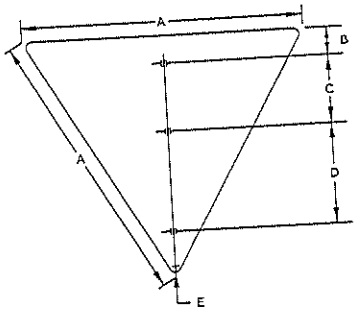
2 CENTER HOLE IS REQUIRED.




| SIGN SIZE | A | B | C | D | E | F | G | T | AREA |
|---|---|---|---|---|---|---|---|---|---|
| 48 X 48 | 48 | 48 | 12 | 24 | 9 | 30 | 24 | 2 1/2 | 13.25 |




| SIGN SIZE | A | B | C | D | T | AREA |
|---|---|---|---|---|---|---|
| 36 X 36 | 36 | 3 | 18 | 2 | 0.080 | 3.90 |




| SIGN SIZE | A | B | C | D | E | T | AREA |
|---|---|---|---|---|---|---|---|
| 48 X 48 | 48 | 3 | 12 | 18 | 3 | 0.080 | 6.93 |
| 60 X 60 | 60 | 3 | 18 | 18 | 4 | 0.100 | 10.83 |

ALL DIMENSIONS ARE IN INCHES.

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION

SIGN BLANK DETAILS FOR FLAT SHEET SIGNS

TE503 7/1/03

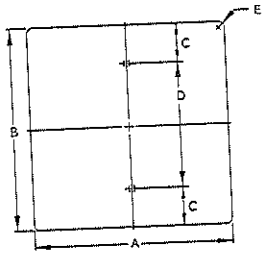
KDOT Graphics Certified 01-18-2011

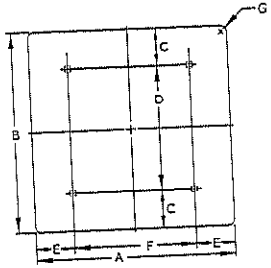
Sh. No. 119

KDOT Graphics Certified

Plotted by: rmilliams Date: 4/6/2016
File: \\tmsrv\tn\Projects\KDOT\87822_KA-4114-02_Signing\CaddRoad_Sheets\te503.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 120 | 148 |




| SIGN SIZE | A | B | C | D | E | T | AREA |
|---|---|---|---|---|---|---|---|
| ① 3 X 8 | 3 | 8 | 1 | 6 | 3/8 | 0.040 | 0.17 |
| 6 X 12 | 6 | 12 | 3 | 6 | 3/8 | 0.040 | 0.50 |
| 12 X 6 | 12 | 6 | 1 1/2 | 3 | 3/8 | 0.063 | 0.50 |
| 12 X 18 | 12 | 18 | 3 | 12 | 1 1/2 | 0.063 | 1.50 |
| 12 X 24 | 12 | 24 | 3 | 18 | 1 1/2 | 0.080 | 2.00 |
| 12 X 36 | 12 | 36 | 6 | 24 | 1 1/2 | 0.080 | 3.00 |
| 12 X 48 | 12 | 48 | 6 | 36 | 1 1/2 | 0.080 | 4.00 |
| 15 X 15 | 15 | 15 | 1 1/2 | 12 | 1 1/2 | 0.063 | 1.56 |
| 18 X 6 | 18 | 6 | 1 1/2 | 3 | 1 1/2 | 0.063 | 0.75 |
| 18 X 12 | 18 | 12 | 3 | 6 | 1 1/2 | 0.063 | 1.50 |
| 18 X 18 | 18 | 18 | 3 | 12 | 1 1/2 | 0.063 | 2.25 |
| 18 X 24 | 18 | 24 | 3 | 18 | 1 1/2 | 0.080 | 3.00 |
| 21 X 15 | 21 | 15 | 1 1/2 | 12 | 1 1/2 | 0.080 | 2.19 |
| 24 X 6 | 24 | 6 | 1 1/2 | 3 | 1 1/2 | 0.080 | 1.00 |
| 24 X 12 | 24 | 12 | 3 | 6 | 1 1/2 | 0.080 | 2.00 |
| 24 X 18 | 24 | 18 | 3 | 12 | 1 1/2 | 0.080 | 3.00 |
| 24 X 24 | 24 | 24 | 3 | 18 | 1 1/2 | 0.080 | 4.00 |
| 24 X 30 | 24 | 30 | 3 | 24 | 1 1/2 | 0.080 | 5.00 |
| 24 X 36 | 24 | 36 | 6 | 24 | 1 1/2 | 0.080 | 6.00 |
| 30 X 15 | 30 | 15 | 1 1/2 | 12 | 1 1/2 | 0.080 | 3.13 |
| 30 X 18 | 30 | 18 | 3 | 12 | 1 1/2 | 0.080 | 3.75 |
| 30 X 24 | 30 | 24 | 3 | 18 | 1 1/2 | 0.080 | 5.00 |
| 30 X 30 | 30 | 30 | 3 | 24 | 1 1/2 | 0.080 | 6.25 |
| 30 X 36 | 30 | 36 | 6 | 24 | 1 1/2 | 0.080 | 7.50 |
| 36 X 12 | 36 | 12 | 3 | 6 | 1 1/2 | 0.080 | 3.00 |
| 36 X 18 | 36 | 18 | 3 | 12 | 1 1/2 | 0.080 | 4.50 |
| 36 X 24 | 36 | 24 | 3 | 18 | 1 1/2 | 0.080 | 6.00 |
| 36 X 30 | 36 | 30 | 3 | 24 | 1 1/2 | 0.080 | 7.50 |
| 36 X 36 | 36 | 36 | 6 | 24 | 2 | 0.080 | 9.00 |

| SIGN SIZE | A | B | C | D | E | F | G | T | AREA |
|---|---|---|---|---|---|---|---|---|---|
| 36 X 12 | 36 | 12 | 3 | 6 | 6 | 24 | 1 1/2 | 0.080 | 3.00 |
| 36 X 18 | 36 | 18 | 6 | 12 | 6 | 30 | 1 1/2 | 0.080 | 4.50 |
| 36 X 24 | 36 | 24 | 6 | 12 | 6 | 24 | 1 1/2 | 0.080 | 6.00 |
| 36 X 30 | 36 | 30 | 6 | 18 | 6 | 30 | 1 1/2 | 0.080 | 7.50 |
| 36 X 36 | 36 | 36 | 6 | 24 | 6 | 24 | 1 1/2 | 0.080 | 9.00 |
| 36 X 42 | 36 | 42 | 6 | 30 | 6 | 30 | 1 1/2 | 0.080 | 10.50 |
| 48 X 12 | 48 | 12 | 3 | 6 | 9 | 30 | 1 1/2 | 0.080 | 4.00 |
| 48 X 18 | 48 | 18 | 3 | 12 | 9 | 30 | 1 1/2 | 0.080 | 6.00 |
| 48 X 24 | 48 | 24 | 6 | 12 | 9 | 30 | 2 | 0.080 | 8.00 |
| 48 X 30 | 48 | 30 | 6 | 18 | 9 | 30 | 0 | 0.100 | 10.00 |
| 48 X 36 | 48 | 36 | 6 | 24 | 9 | 30 | 0 | 0.100 | 12.00 |
| 48 X 42 | 48 | 42 | 6 | 30 | 9 | 30 | 0 | 0.100 | 14.00 |
| 48 X 48 | 48 | 48 | 9 | 30 | 9 | 30 | 0 | 0.100 | 16.00 |
| ② 48 X 72 | 48 | 72 | 15 | 42 | 9 | 30 | 0 | 0.100 | 24.00 |
| ② 48 X 96 | 48 | 96 | 21 | 54 | 9 | 30 | 0 | 0.100 | 32.00 |
| 54 X 36 | 54 | 36 | 6 | 30 | 12 | 30 | 0 | 0.100 | 13.50 |
| 54 X 42 | 54 | 42 | 6 | 30 | 12 | 30 | 0 | 0.100 | 15.75 |
| 60 X 12 | 60 | 12 | 3 | 6 | 12 | 36 | 0 | 0.100 | 5.00 |
| 60 X 18 | 60 | 18 | 3 | 12 | 12 | 36 | 0 | 0.100 | 7.50 |

| SIGN SIZE | A | B | C | D | E | F | G | T | AREA |
|---|---|---|---|---|---|---|---|---|---|
| 60 X 24 | 60 | 24 | 6 | 12 | 12 | 36 | 0 | 0.100 | 10.00 |
| 60 X 30 | 60 | 30 | 6 | 18 | 12 | 36 | 0 | 0.100 | 12.50 |
| 60 X 36 | 60 | 36 | 6 | 24 | 12 | 36 | 0 | 0.100 | 15.00 |
| 60 X 42 | 60 | 42 | 6 | 30 | 12 | 36 | 0 | 0.100 | 17.50 |
| 60 X 48 | 60 | 48 | 9 | 30 | 12 | 36 | 0 | 0.100 | 20.00 |
| 60 X 60 | 60 | 60 | 12 | 36 | 12 | 36 | 0 | 0.100 | 25.00 |
| 72 X 12 | 72 | 12 | 3 | 6 | 15 | 42 | 0 | 0.100 | 6.00 |
| 72 X 18 | 72 | 18 | 3 | 12 | 15 | 42 | 0 | 0.100 | 9.00 |
| 72 X 24 | 72 | 24 | 6 | 12 | 15 | 42 | 0 | 0.100 | 12.00 |
| 72 X 30 | 72 | 30 | 6 | 18 | 15 | 36 | 0 | 0.100 | 15.00 |
| 72 X 36 | 72 | 36 | 6 | 24 | 15 | 42 | 0 | 0.100 | 18.00 |
| 72 X 42 | 72 | 42 | 6 | 30 | 15 | 42 | 0 | 0.100 | 21.00 |
| 72 X 48 | 72 | 48 | 9 | 30 | 15 | 42 | 0 | 0.100 | 24.00 |
| 84 X 18 | 84 | 18 | 6 | 12 | 15 | 48 | 0 | 0.100 | 10.50 |
| 84 X 30 | 84 | 30 | 6 | 18 | 18 | 48 | 0 | 0.100 | 17.50 |
| 84 X 36 | 84 | 36 | 6 | 24 | 18 | 48 | 0 | 0.100 | 21.00 |
| 84 X 42 | 84 | 42 | 6 | 30 | 18 | 48 | 0 | 0.100 | 24.50 |
| 84 X 48 | 84 | 48 | 9 | 30 | 18 | 48 | 0 | 0.100 | 28.00 |

NOTE:
ALL HOLES ARE 3/8 " SQUARE, UNLESS OTHERWISE NOTED.

THE DIMENSION "T" IS THE THICKNESS OF THE ALUMINUM BLANK.

① HOLES SHALL BE 5/16 " DIAMETER.

② DIMENSION "D" REQUIRES A CENTER HOLE.

ALL DIMENSIONS ARE IN INCHES.

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION

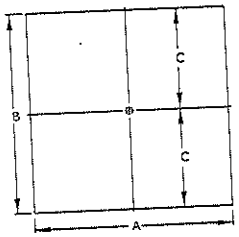
SIGN BLANK DETAILS FOR FLAT SHEET SIGNS

TE506 7/1/03

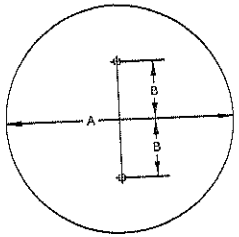
KDOT Graphics Certified 01-18-2011 Sh. No. 120

Plotted by: rwilliams Date: 4/8/2016
File: \\trans\Urn\Projects\KDOT\91822_KA-4114-02_Signing\Cadd\Road_Sheets\te506.dgn

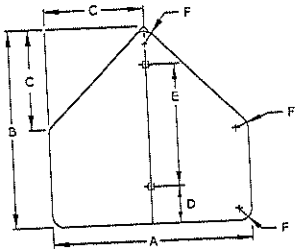
| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 121 | 148 |



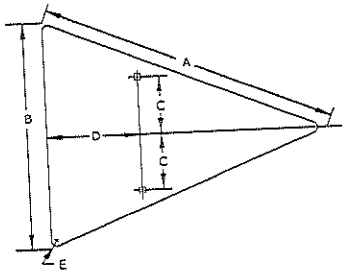

| SIGN SIZE | A | B | C | T | AREA |
|---|---|---|---|---|---|
| 6 X 6 | 6 | 6 | 3 | 0.063 | 0.25 |



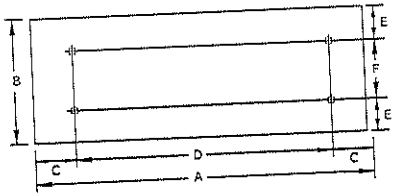

| SIGN SIZE | A | B | T | AREA |
|---|---|---|---|---|
| 36 DIA | 36 | 12 | 0.080 | 7.07 |




| SIGN SIZE | A | B | C | D | E | F | T | AREA |
|---|---|---|---|---|---|---|---|---|
| 30 X 30 | 30 | 30 | 15 | 3 | 24 | 48 | 0.080 | 4.69 |
| 36 X 36 | 36 | 36 | 18 | 6 | 24 | 2 1/4 | 0.080 | 6.75 |

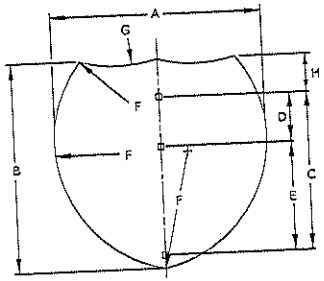



| SIGN SIZE | A | B | C | D | E | T | AREA |
|---|---|---|---|---|---|---|---|
| 48 X 36 | 48 | 36 | 9 | 14 3/4 | 2 1/4 | 0.125 | 5.56 |




| SIGN SIZE | A | B | C | D* | E | F | T | AREA |
|---|---|---|---|---|---|---|---|---|
| 102 X 18 | 102 | 18 | 3 | 13 HOLES @ 8" SPACING | 3 | 12 | 0.100 | 12.75 |

* 3/8" DIA. HOLES




INDEPENDENT USE

| DIMENSIONS | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SIZE | A | B | C | D | E | F | G | H | T | AREA |
| 24 X 24 | 24 | 24 | 18 | - | - | 15 | 15 | 3 | 0.080 | 3.20 |
| 36 X 36 | 36 | 36 | 30 | 12 | 18 | 22.5 | 22.5 | 3 | 0.080 | 7.20 |
| 30 X 24 | 30 | 24 | 18 | - | - | 17 | 24 | 3 | 0.080 | 3.99 |
| 45 X 36 | 45 | 36 | 30 | 12 | 18 | 25.5 | 36 | 3 | 0.100 | 8.99 |

NOTES:
ALL HOLES ARE 3/8 " SQUARE, UNLESS OTHERWISE NOTED.
THE DIMENSION "T" IS THE THICKNESS OF THE ALUMINUM BLANK.

ALL DIMENSIONS ARE IN INCHES.

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION

SIGN BLANK DETAILS FOR FLAT SHEET SIGNS

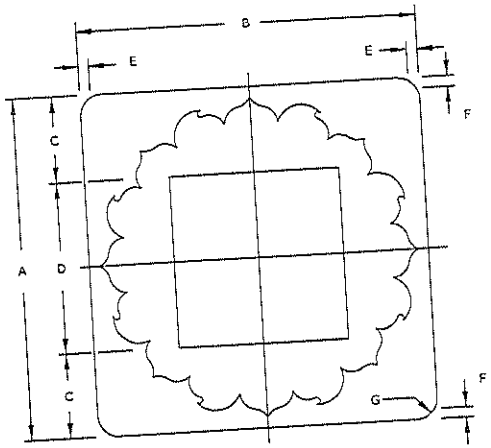
TE509 7/1/03

KDOT Graphics Certified 01-18-2011 Sh. No. 121

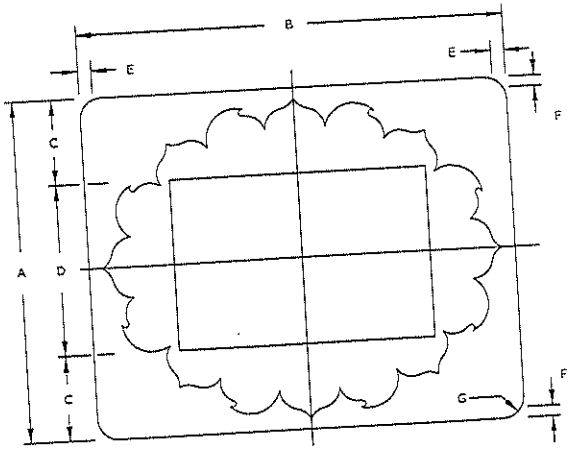
KDOT Graphics Certified

Plotted by: rwilliams Date: 4/8/2016
File: \\tmsrv\tm\Projects\KDOT\87622_KA-4114-02_Signing\Cadd\Road_Sheets\te509.dgn

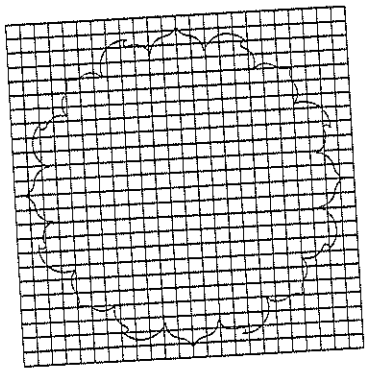
| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 122 | 148 |

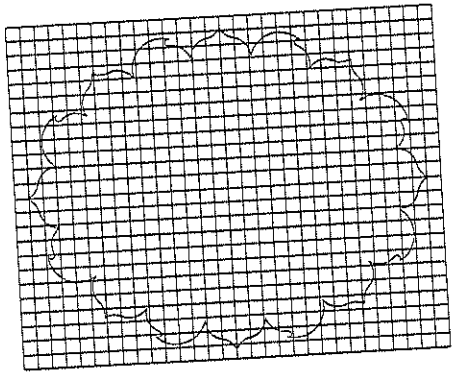



1 OR 2 DIGITS




3 DIGITS





COLORS
BACKGROUND AROUND SUNFLOWER - BLACK
SUNFLOWER - YELLOW
NUMERALS - BLACK

| SIZE | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 24 X 24 | 24 | 24 | 6 | 12 | 0.75 | 0.75 | 1.5 |
| 30 X 24 | 24 | 30 | 6 | 12 | 1 | 0.75 | 1.5 |

ALL DIMENSIONS IN INCHES.

NOTE:
SEE PLAN, QUANTITY, OR SIGN DESIGN LAYOUT SHEETS FOR NUMERALS TO BE USED. THE NUMERALS SHALL BE SERIES "D" LEGEND. OPTICALLY SPACE NUMERALS ABOUT VERTICAL CENTERLINE.

SEE STANDARD PLAN SHEET TE590 FOR DETAILED SPECIFICATIONS.

ALL DIMENSIONS ARE IN INCHES.

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

PROCESSED SIGN DETAILS
KANSAS ROUTE MARKERS

7/1/03

TE515

| | | | |
|---|---|---|---|
| FIELD ENGINEER | 12/27/2001 | CHECKED | STEVEN A. BURGESS |
| DRAWN | 12/27/2001 | REVIEWED | DAVID THOMPSON |
| DESIGNED | 12/27/2001 | DESIGN EN. | STEVE EN. |
| DESIGN EN. | 12/27/2001 | DESIGN EN. | |

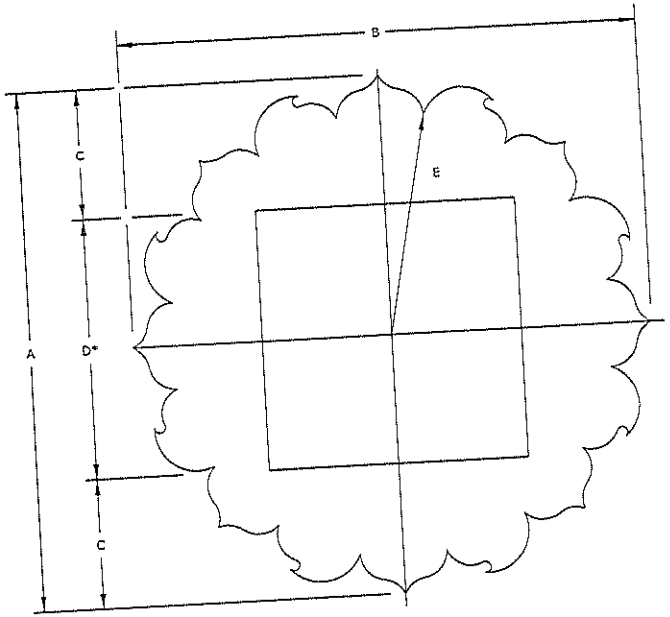
KDOT Graphics Certified 01-18-2011

Sh. No. 122

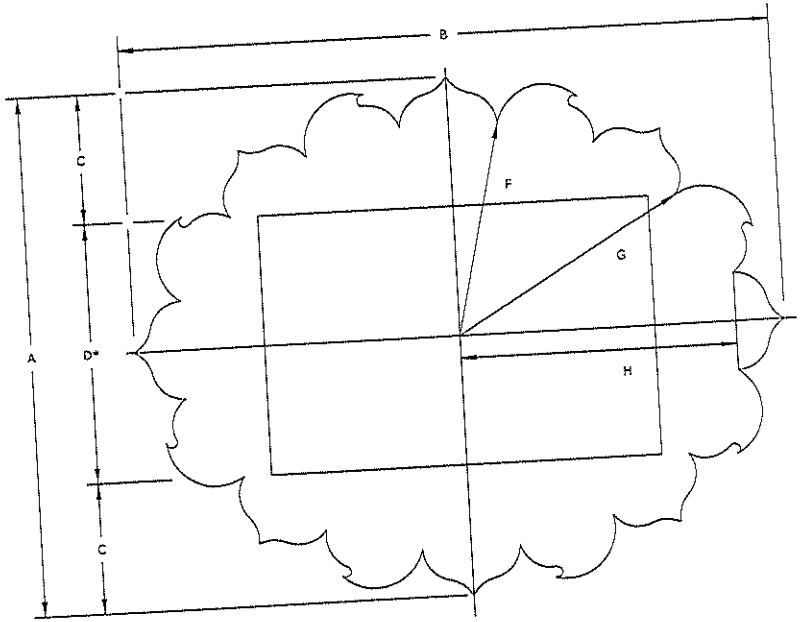
KDOT Graphics Certified

Plotted by: rwilliams Date: 4/8/2015
File: \\Tmsrv\Tm\Projects\KDOT\87822_KA-4114-02_Signing\Cadd\Road_Sheets\te515.dgn

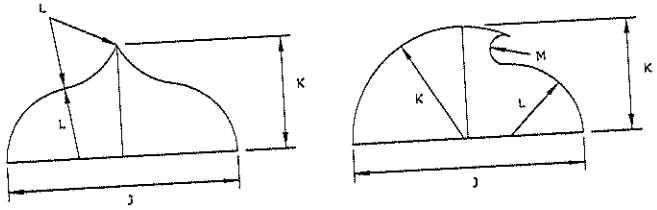
| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 123 | 148 |




1 OR 2 DIGITS




3 DIGITS




PETALS

| SIZE | A | B | C | D* | E | F | G | H | J | K | L | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24" X 24" | 24 | 24 | 1/4 | 12 D | 10 1/4 | - | - | - | 4 | 1 7/8 | 1 1/4 | 1/4 |
| 36" X 36" | 36 | 36 | 9 | 18 D | 15 3/8 | - | - | - | 1/4 | 3 | 1 7/8 | 3/8 |
| 30" X 24" | 24 | 36 | 1/4 | 12 D | - | 10 | 12 | 12 3/4 | 4 1/2 | 2 1/4 | 1 1/2 | 1/4 |
| 45" X 36" | 36 | 45 | 9 | 18 D | - | 15 | 18 | 19 | 6 3/4 | 3 3/8 | 2 1/4 | 3/8 |

ALL DIMENSIONS IN INCHES.
D* - NUMERALS OPTICALLY SPACED ABOUT VERTICAL CENTERLINE

COLORS:
BACKGROUND - YELLOW
LEGEND - BLACK

ALL DIMENSIONS ARE IN INCHES.

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION
GUIDE SIGN
LEGEND DETAILS
KANSAS ROUTE SHIELDS

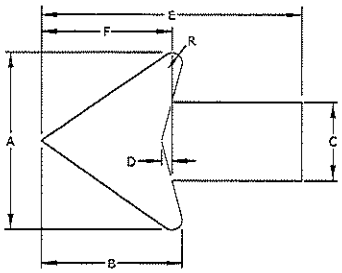
TE557 7/1/03

KDOT Graphics Certified 01-18-2011 Sh. No. 123

KDOT Graphics Certified

Plotted by: mwilliams Date: 4/6/2016
File: \\tmsrv\tm\Projects\KDOT\87622_KA-4114-02_Signing\Cadd\Road_Sheets\te557.dgn

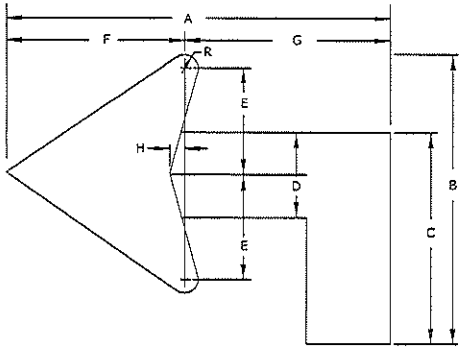
| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 124 | 148 |




ARROW DIMENSIONS ( INCHES )

| LETTER HEIGHT | A | B | C | D | E | F | R |
|---|---|---|---|---|---|---|---|
| 4" | 4 | 3¼ | 1½ | 7/32 | 6 | 3 | 5/16 |
| 6" | 6 | 4⅞ | 2¼ | 5/16 | 9 | 4½ | 7/16 |
| 8" | 8 | 6½ | 3 | 7/16 | 12 | 6 | ⅝ |

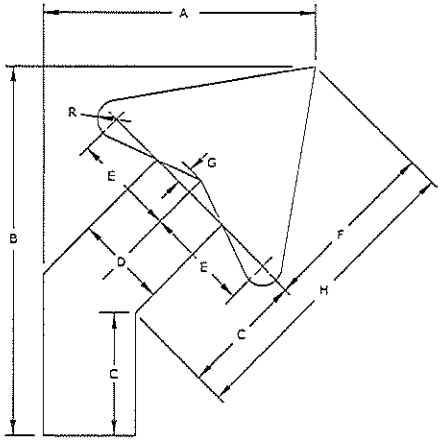
STANDARD ARROW




ARROW DIMENSIONS ( INCHES )

| LETTER HEIGHT | A | B | C | D | E | F | G | H | R |
|---|---|---|---|---|---|---|---|---|---|
| 6" | 10⅛ | 7½ | 5⅝ | 2¼ | 2 9/16 | 4½ | 5 5/8 | 9/16 | 7/16 |
| 8" | 13½ | 10 | 7½ | 3 | 3⅜ | 6 | 7½ | 7/16 | ⅝ |

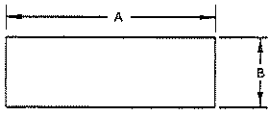
ADVANCE TURN (90°)




ARROW DIMENSIONS ( INCHES )

| LETTER HEIGHT | A | B | C | D | E | F | G | H | R |
|---|---|---|---|---|---|---|---|---|---|
| 6" | 6¾ | 9 | 3 | 2¼ | 65 | 4¾ | 9/16 | 7½ | 7/16 |
| 8" | 9 | 12 | 3 15/16 | 3 | 3⅝ | 6 | 11 | 10 | ⅝ |

ADVANCE TURN (45°)




HYPHEN
DIMENSIONS ( INCHES )

| LETTER HEIGHT | A | B |
|---|---|---|
| 6" | 3 | 1 |
| 8" | 4½ | 1½ |
| 10.67" | 6 | 2 |
| 13.33" | 7½ | 2½ |
| 16" | 9 | 3 |

HYPHEN

NOTE:
SEE STANDARD PLAN SHEET TE590 FOR DETAILED SPECIFICATIONS.

ALL DIMENSIONS ARE IN INCHES.

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION
GUIDE SIGN
LEGEND DETAILS
ARROWS AND HYPHENS

TE563 7/1/03

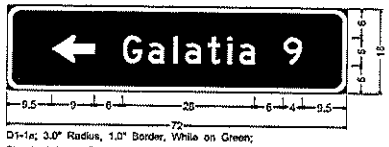
KDOT Graphics Certified 01-18-2011

Sh. No. 124

KDOT Graphics Certified

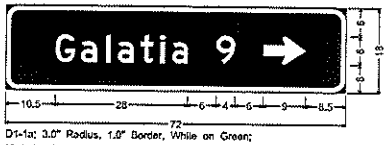
Plotted by: rwilliams Date: 4/5/2016
File: V:\msrv\Un\Projects\KDOT\97622_KA-4114-02_Signing\Cadd\Road_Sheets\te563.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 125 | 148 |



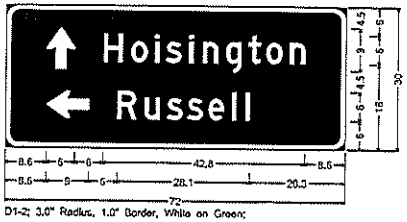

D1-1a; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180"; [Galatia 9] D;
Table of letter and object lefts.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ← 9.5 | G 24.5 | a 29.9 | l 35.2 | a 37.7 | t 42.4 | i 46.6 | a 49.1 | 9 56.5 | |



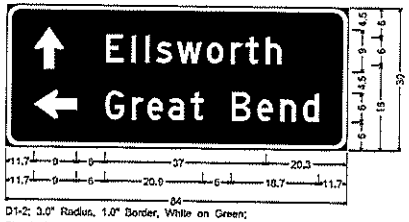

D1-1a; 3.0" Radius, 1.0" Border, White on Green;
[Galatia 9] D; Standard Arrow Custom 9.0" X 6.0" 0";
Table of letter and object lefts.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| G 10.5 | a 15.9 | l 21.2 | a 23.7 | t 28.4 | i 32.5 | a 35.1 | 9 44.5 | → 54.5 | |



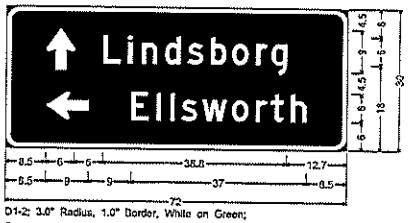

D1-2; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90"; [Hoisington] D;
Standard Arrow Custom 9.0" X 6.0" 180"; [Russell] D;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ↑ 8.6 | H 20.6 | o 26.4 | i 31.4 | s 33.8 | | 38.7 | n 41.6 | g 46.5 | t 51.3 | o 55.0 | n 60.1 |
| ← 8.6 | R 23.6 | u 29.3 | s 34.1 | s 38.5 | e 42.9 | l 47.9 | l 50.7 | | | | |



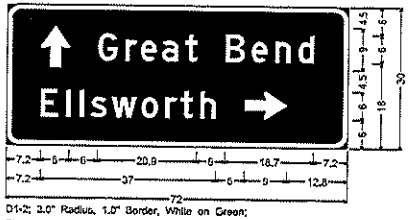

D1-2; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90"; [Ellsworth] D;
Standard Arrow Custom 9.0" X 6.0" 180";
[Great Bend] D 95% spacing;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ↑ 11.7 | E 26.7 | l 32.0 | l 34.8 | s 37.3 | w 41.7 | o 47.9 | r 53.0 | t 56.2 | h 60.4 | | |
| ← 11.7 | G 26.7 | r 32.4 | e 35.7 | a 40.2 | t 45.0 | B 53.6 | e 59.1 | n 64.0 | d 68.9 | | |



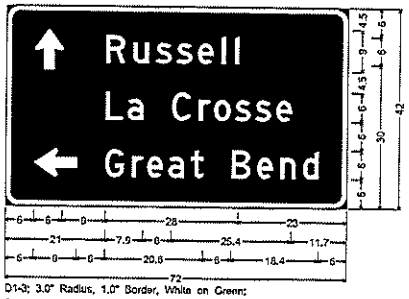

D1-2; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90"; [Lindsborg] D;
Standard Arrow Custom 9.0" X 6.0" 180"; [Ellsworth] D;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ↑ 8.5 | L 20.5 | i 25.7 | n 28.6 | d 33.5 | s 36.3 | b 43.2 | o 47.6 | r 52.7 | g 56.0 | | |
| ← 8.5 | E 26.5 | l 31.8 | s 34.7 | w 37.1 | o 41.5 | r 47.7 | t 52.8 | h 55.9 | 60.2 | | |



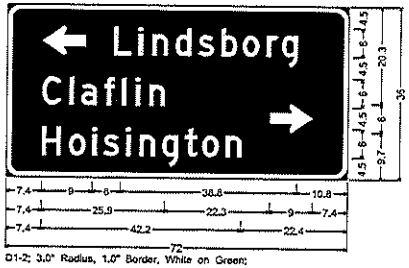

D1-2; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90"; [Great Bend] D;
[Ellsworth] D; Standard Arrow Custom 9.0" X 6.0" 0";
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ↑ 7.2 | G 19.2 | r 24.9 | e 28.2 | a 32.7 | t 37.5 | B 46.1 | e 51.6 | n 56.5 | d 61.4 | | |
| ← 7.2 | I 12.5 | l 15.4 | s 17.6 | w 22.2 | o 26.4 | r 33.5 | t 36.7 | h 40.9 | → 50.2 | | |



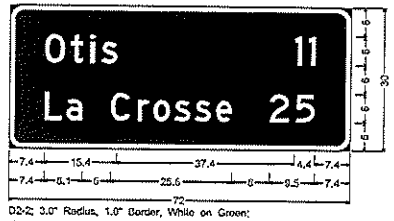

D1-3; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90"; [Russell] D;
[La Crosse] D 95% spacing;
Standard Arrow Custom 9.0" X 6.0" 180";
[Great Bend] D 95% spacing;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ↑ 6.0 | R 21.0 | u 26.7 | s 31.5 | s 35.8 | e 40.3 | l 45.2 | l 48.1 | | | | |
| L 21.0 | a 25.6 | C 34.9 | r 40.6 | o 43.8 | s 48.2 | s 52.5 | e 56.9 | | | | |
| ← 6.0 | G 21.0 | r 26.6 | e 29.8 | a 34.3 | t 39.0 | B 47.6 | e 53.0 | n 57.9 | d 62.7 | | |



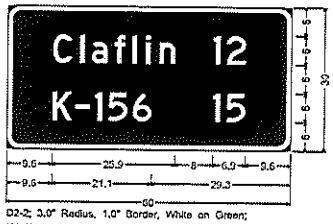

D1-2; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180"; [Lindsborg] D;
[Claflin] D; [Hoisington] D 95% spacing;
Standard Arrow Custom 9.0" X 6.0" 0";
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ← 7.4 | L 22.4 | i 27.6 | n 30.5 | d 35.4 | s 40.2 | b 45.1 | o 49.6 | r 54.6 | g 57.9 | | |
| C 7.4 | l 13.1 | a 15.6 | r 20.5 | l 24.2 | i 27.1 | n 30.0 | → 55.6 | | | | |
| H 7.4 | o 13.1 | i 16.1 | s 20.4 | i 25.2 | h 28.0 | g 32.8 | t 37.6 | e 41.2 | n 46.2 | | |




D2-2; 3.0" Radius, 1.0" Border, White on Green;
[Otis] D; [11] D; [La Crosse] D; [25] D;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| O 7.4 | t 12.8 | i 17.1 | s 19.4 | i 22.0 | i 25.1 | | | | | | |
| L 7.4 | a 12.1 | C 21.5 | r 27.2 | o 30.5 | s 34.9 | s 39.3 | e 43.7 | 2 55.1 | 5 60.5 | | |




D2-2; 3.0" Radius, 1.0" Border, White on Green;
[Claflin] D; [12] D; [K-156] D; [15] D;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C 9.6 | l 15.3 | a 17.8 | f 22.6 | l 26.4 | i 29.3 | n 32.2 | 1 43.5 | 2 46.4 | | | |
| K 9.6 | - 14.5 | 1 18.6 | 5 21.5 | 6 26.6 | 1 43.5 | 5 46.4 | | | | | |

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

K-4
Barton County
Sign Layouts

TE

| | | | |
|---|---|---|---|
| FIELD APPROVAL | | APPD | |
| DESIGNED | KATHLEEN | SUBMITTED | PACKED |
| DRAWN BY | DILLON | CHECK BY | CHECK BY |

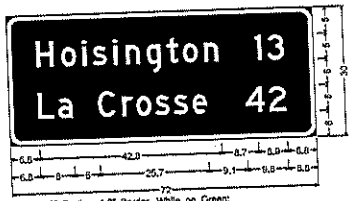
KDOT Graphics Certified 10-14-2015

Sh. No. 125

KDOT Graphics Certified

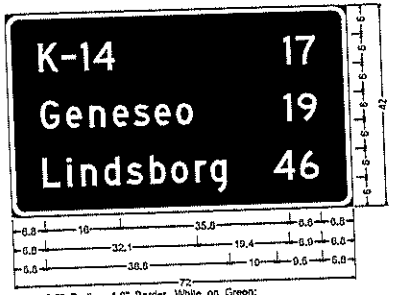
Plotted by: rwilliams Date: 4/6/2016
File:H:\msrv\Proj\Projects\KDOT\87822_KA-4114-02_Signing\Cadd\Road_Sheets\k411402psl_01.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 126 | 148 |



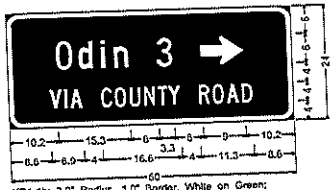

D2-2; 3.0" Radius, 1.0" Border, White on Green;
[Hoisington] D; [13] D; [La Crosse] D; [42] D;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H 8.6 | o 12.8 | i 17.6 | s 20.0 | i 24.9 | n 27.8 | g 32.7 | i 37.6 | a 41.2 | n 46.3 | 1 58.3 | 3 61.2 |
| L 6.6 | a 11.5 | C 20.8 | r 26.5 | o 29.8 | s 34.3 | s 38.7 | e 43.1 | 4 55.6 | 2 61.2 | | |



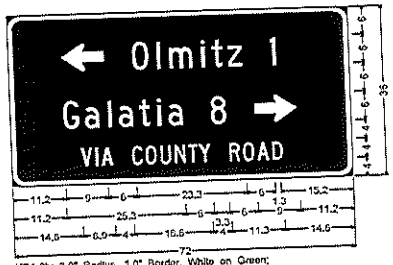

D2-3; 3.0" Radius, 1.0" Border, White on Green;
[K-14] D; [17] D; [Geneseo] D; [19] D; [Lindsborg] D; [46] D;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| K 8.6 | - 11.7 | 1 15.8 | 4 18.4 | 1 58.6 | 7 61.1 | | | | | | |
| G 6.6 | e 12.2 | n 17.2 | e 22.1 | s 26.5 | e 30.9 | G 35.5 | 1 58.3 | 9 61.1 | | | |
| L 6.6 | i 12.0 | n 14.9 | d 19.8 | s 24.0 | b 29.6 | o 33.9 | r 39.0 | g 42.3 | 4 55.6 | e 61.1 | |



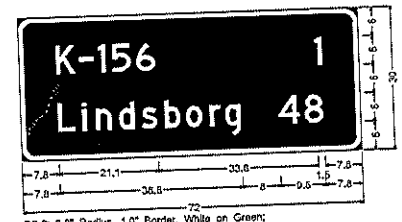

KD1-1b; 3.0" Radius, 1.0" Border, White on Green;
[Odin 3] C; Standard Arrow Custom 9.0" X 6.0" 0";
[VIA COUNTY ROAD] C;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O 10.2 | d 15.0 | i 19.8 | n 22.5 | 3 31.5 | ➔ 40.8 | | | | | | | | | | | | | | |
| V 8.6 | I 11.8 | A 13.0 | C 19.5 | O 22.4 | U 25.5 | N 28.5 | T 31.4 | Y 33.6 | R 40.1 | D 43.0 | A 46.0 | D 49.2 | | | | | | | |



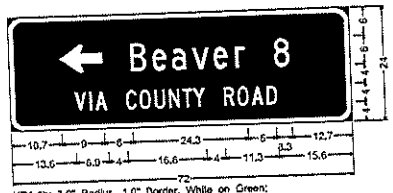

KD1-2b; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180"; [Olmitz 1] C;
[Galatia 8] C; Standard Arrow Custom 9.0" X 6.0" 0";
[VIA COUNTY ROAD] C;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ⬅ 11.2 | O 26.2 | l 31.4 | m 34.1 | i 40.9 | t 43.2 | z 46.6 | 1 55.5 | | | | | | | | | | | | |
| G 11.2 | a 15.8 | l 20.7 | a 23.0 | l 27.3 | i 31.2 | a 33.5 | S 42.5 | ➔ 51.8 | | | | | | | | | | | |
| V 14.6 | I 17.8 | A 19.0 | C 25.5 | O 28.4 | U 31.5 | N 34.5 | T 37.4 | Y 39.6 | R 46.1 | O 49.0 | A 52.0 | D 55.2 | | | | | | | |



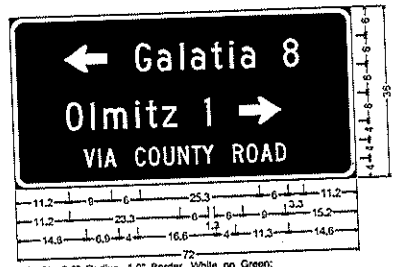

D2-2; 3.0" Radius, 1.0" Border, White on Green;
[K-156] D; [1] D; [Lindsborg] D; [48] D;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| K 7.8 | - 12.7 | 1 16.8 | 5 19.7 | 6 24.8 | 1 62.7 | | | | | | |
| L 7.8 | i 13.0 | n 15.9 | d 20.8 | s 25.5 | b 30.5 | o 34.9 | r 40.0 | g 43.3 | 4 54.8 | 8 60.1 | |



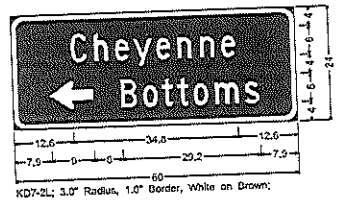

KD1-1b; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180"; [Beaver 8] C;
[VIA COUNTY ROAD] C;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ⬅ 10.7 | B 25.7 | e 30.4 | A 34.5 | V 38.8 | e 43.3 | r 47.8 | 8 56.0 | | | | | | | | | | | | |
| V 10.6 | I 16.8 | A 18.0 | C 24.5 | O 27.4 | U 30.5 | N 33.5 | T 36.4 | Y 38.6 | R 45.1 | O 48.0 | A 51.0 | D 54.2 | | | | | | | |



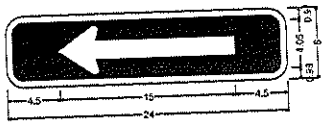

KD1-2b; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180"; [Galatia 8] C;
[Olmitz 1] C; Standard Arrow Custom 9.0" X 6.0" 0";
[VIA COUNTY ROAD] C;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ⬅ 11.2 | G 26.2 | a 30.8 | l 35.7 | a 38.0 | t 42.3 | i 46.2 | a 48.5 | S 57.5 | | | | | | | | | | | |
| O 11.2 | l 16.4 | m 19.1 | i 25.9 | l 28.2 | z 31.5 | 1 40.5 | ➔ 47.8 | | | | | | | | | | | | |
| V 14.6 | I 17.8 | A 19.0 | C 25.5 | O 28.4 | U 31.5 | N 34.5 | T 37.4 | Y 39.6 | R 46.1 | O 49.0 | A 52.0 | D 55.2 | | | | | | | |




KD7-2L; 3.0" Radius, 1.0" Border, White on Brown;
[Cheyenne] C;
Standard Arrow Custom 9.0" X 6.0" 180";
[Bottoms] C;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C 12.6 | h 17.5 | e 21.9 | y 25.8 | e 30.7 | n 35.2 | n 40.0 | e 44.5 | | | | | | | | | | | | |
| ⬅ 7.9 | B 22.9 | o 27.6 | t 31.8 | t 34.0 | o 38.3 | m 42.8 | s 49.2 | | | | | | | | | | | | |



KD9-0
1.50" Radius, 0.50" Border, White on Blue;
Standard Arrow Custom 15.00" X 4.05" 0";
Table of distances between letter and object lefts.

| | | |
|---|---|---|
| 4.50 | 15.00 | 4.50 |

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

K-4
Barton County
Sign Layouts

TE

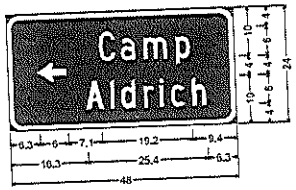
KDOT Graphics Certified 12-11-2015

Sh. No. 126

KDOT Graphics Certified

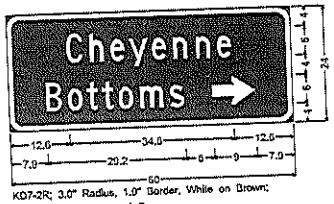
Plotted by: williams Date: 4/6/2016
File: \\Teresa\Jun\Projects\KDOT\87622_KA-4114-02_Signing\Cadd\Road_Sheets\ka4114o2psl_02.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 127 | 148 |



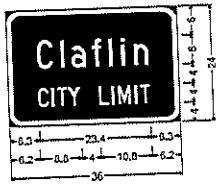

KD7-2L:
3.0" Radius, 1.0" Border, White on Brown;
Standard Arrow Custom 6.0" X 4.0" 180";
[Camp] C; [Aldrich] C;
Table of letter and object lefts.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ← | C | a | m | p | | | |
| 6.3 | 10.4 | 24.0 | 28.8 | 35.7 | | | |
| A | l | d | r | i | c | h | |
| 16.3 | 21.4 | 23.7 | 28.5 | 31.0 | 34.3 | 38.8 | |



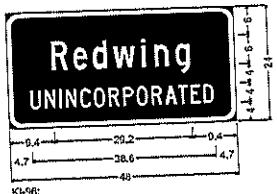

KD7-2R; 3.0" Radius, 1.0" Border, White on Brown;
[Cheyenne] C; [Bottoms] C;
Standard Arrow Custom 9.0" X 6.0" 0";
Table of letter and object lefts.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| C | h | e | y | e | n | n | e | |
| 12.8 | 17.5 | 21.9 | 25.9 | 30.7 | 35.2 | 40.0 | 44.5 | |
| B | o | t | t | o | m | s | → | |
| 7.9 | 12.6 | 16.6 | 19.0 | 23.3 | 27.8 | 34.2 | 43.1 | |



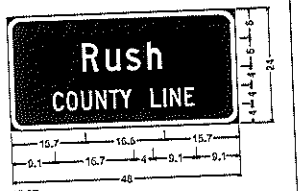

KI-02;
3.0" Radius, 1.0" Border, White on Green;
[Claflin] C; [CITY LIMIT] C;
Table of letter and object lefts.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| C | l | a | f | l | i | n | |
| 6.3 | 11.2 | 13.5 | 17.9 | 21.3 | 24.1 | 26.8 | |
| C | I | T | Y | L | I | M | I | T |
| 6.2 | 9.1 | 10.3 | 12.6 | 19.0 | 21.7 | 23.1 | 26.6 | 27.8 |



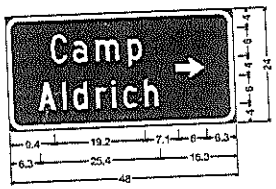

KI-96;
3.0" Radius, 1.0" Border, White on Green;
[Redwing] C; [UNINCORPORATED] C;
Table of letter and object lefts.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| R | e | d | w | i | n | g | |
| 9.4 | 14.0 | 18.1 | 22.5 | 26.4 | 31.2 | 35.6 | |
| U | N | I | N | C | O | R | P | O | R | A | T | E | D |
| 4.7 | 7.7 | 10.7 | 12.1 | 15.2 | 18.0 | 21.2 | 24.2 | 27.1 | 30.2 | 33.1 | 35.8 | 38.8 | 41.2 |



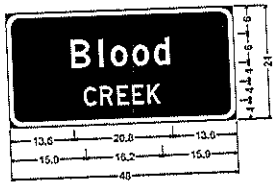

KI-07;
3.0" Radius, 1.0" Border, White on Green;
[Rush] C; [COUNTY LINE] C;
Table of letter and object lefts.

| | | | |
|---|---|---|---|
| R | U | S | H |
| 15.7 | 20.6 | 24.9 | 29.4 |
| C | O | U | N | T | Y | L | I | N | E |
| 9.1 | 12.0 | 15.1 | 18.2 | 21.0 | 23.3 | 29.8 | 32.4 | 33.8 | 36.0 |



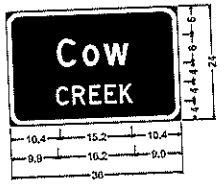

KD7-2R;
3.0" Radius, 1.0" Border, White on Brown;
[Camp] C; [Aldrich] C;
Standard Arrow Custom 9.0" X 4.0" 0";
Table of letter and object lefts.

| | | | | | |
|---|---|---|---|---|---|
| C | a | m | p | → | |
| 9.4 | 14.0 | 18.8 | 25.7 | 35.7 | |
| A | l | d | r | i | c | h |
| 6.3 | 11.4 | 13.7 | 18.5 | 21.0 | 24.3 | 28.8 |




KI-3;
3.0" Radius, 1.0" Border, White on Green;
[Blood] D; [CREEK] D;
Table of letter and object lefts.

| | | | | | |
|---|---|---|---|---|---|
| B | l | o | o | d | |
| 13.6 | 19.4 | 21.9 | 26.5 | 31.1 | |
| C | R | E | E | K | |
| 15.9 | 19.3 | 23.0 | 26.2 | 29.3 | |

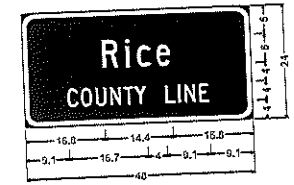



KI-3;
3.0" Radius, 1.0" Border, White on Green;
[Cow] D; [CREEK] D;
Table of letter and object lefts.

| | | | | | |
|---|---|---|---|---|---|
| C | o | w | | | |
| 10.4 | 15.8 | 29.3 | | | |
| C | R | E | E | K | |
| 9.9 | 13.3 | 17.0 | 20.2 | 23.3 | |

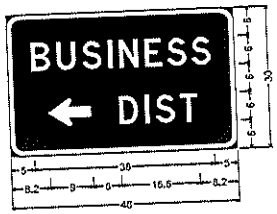
KR7-1;
1.5" Radius, 0.6" Border, 0.4" Indent, Red on White;
[NO] C;
[PARKING] B specified length;
[ANY] C; [TIME] C;
Double Headed Arrow Custom - 15.5" 0";
Table of distances between letter and object lefts.

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 8.0 | N | 4.5 | O | 3.5 | 8.0 | | | | | | | | | | | | | |
| 2.3 | P | 2.9 | A | 3.6 | R | 3.1 | K | 3.0 | I | 1.3 | N | 3.0 | G | 2.6 | 2.2 | | | |
| 7.7 | A | 3.2 | N | 2.9 | Y | 2.6 | 7.7 | | | | | | | | | | | |
| 7.2 | T | 2.7 | I | 1.4 | M | 0.5 | E | 2.0 | 7.2 | | | | | | | | | |
| 4.3 | — | 15.4 | 4.3 | | | | | | | | | | | | | | | |



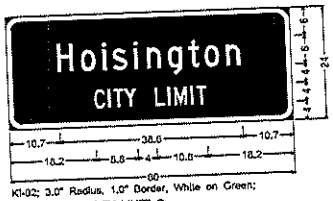

KI-07;
3.0" Radius, 1.0" Border, White on Green;
[Rice] C; [COUNTY LINE] C;
Table of letter and object lefts.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| R | i | c | e | | | | | | |
| 16.8 | 21.8 | 24.1 | 28.2 | | | | | | |
| C | O | U | N | T | Y | L | I | N | E |
| 9.1 | 12.0 | 15.1 | 18.2 | 21.0 | 23.3 | 29.8 | 32.4 | 33.8 | 36.0 |



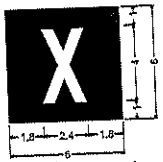

KI-29L;
3.0" Radius, 1.0" Border, White on Green;
[BUSINESS] D;
Standard Arrow Custom 9.0" X 6.0" 180";
[DIST] D;
Table of letter and object lefts.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| B | U | S | I | N | E | S | S | |
| 5.0 | 10.4 | 15.8 | 21.3 | 23.6 | 29.1 | 33.8 | 39.0 | |
| ← | D | I | S | T | | | | |
| 8.2 | 23.2 | 28.6 | 31.0 | 36.1 | | | | |




KI-02; 3.0" Radius, 1.0" Border, White on Green;
[Hoisington] C; [CITY LIMIT] C;
Table of letter and object lefts.

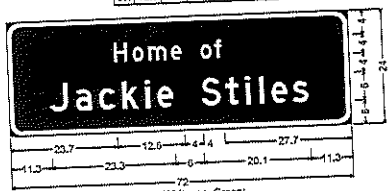
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| H | o | l | s | i | n | g | t | o | n |
| 10.7 | 15.7 | 20.2 | 22.5 | 26.9 | 29.8 | 34.1 | 38.4 | 41.8 | 45.4 |
| C | I | T | Y | L | I | M | I | T | |
| 18.2 | 21.1 | 22.3 | 24.5 | 31.0 | 33.7 | 35.1 | 38.6 | 39.8 | |




KRM Series
No border, None on Green;
[X] White C;
Table of distances between letter and object lefts.

| | | |
|---|---|---|
| 1.8 | X | 1.8 |
| | 2.4 | |

NOTE: See plan or quantity sheet for number and sign designation.




SP; 3.0" Radius, 1.0" Border, White on Green;
[Home of ] D; [Jackie Stiles] D;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H | o | m | e | o | f | | | | | | | | | | | | | |
| 23.7 | 27.0 | 30.1 | 34.4 | 40.3 | 43.0 | | | | | | | | | | | | | |
| J | a | c | k | i | e | S | t | i | l | e | s | | | | | | | |
| 11.3 | 15.9 | 20.4 | 24.8 | 29.3 | 31.6 | 40.6 | 44.9 | 48.7 | 51.5 | 53.8 | 57.8 | | | | | | | |

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

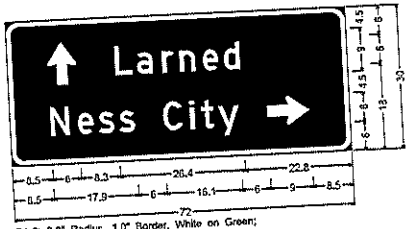
K-4
Borton County
Sign Layouts

TE

KDOT Graphics Certified 12-11-2015 Sh. No. 127

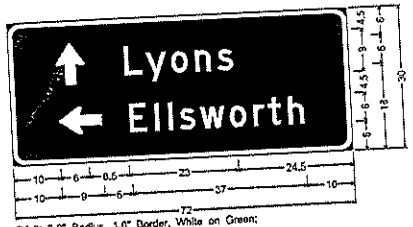
Plotted by: rwilliams Date: 4/6/2016
File: V:\mrsv\Unit\Projects\KDOT97622_KA-4114-02_Signing\Dadd Road_Sheets\ka4114002sl_03.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 128 | 148 |



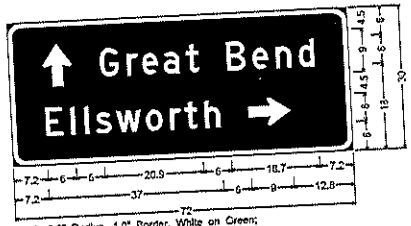

D1-2; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90"; [Larned] D;
[Ness City] D; Standard Arrow Custom 9.0" X 6.0" 0";
Table of letter and object lefts.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ↑ 8.5 | L 22.8 | e 27.4 | r 32.7 | n 36.5 | e 41.4 | d 45.0 | | |
| N 8.5 | e 14.3 | s 18.7 | s 23.1 | C 32.4 | i 38.1 | t 40.5 | y 44.1 | → 54.5 |



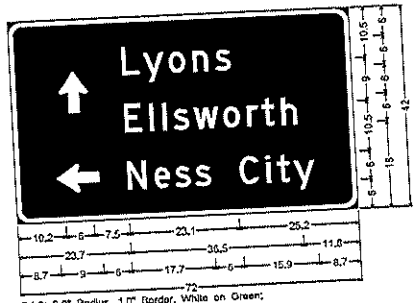

D1-2; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90"; [Lyons] D;
Standard Arrow Custom 9.0" X 6.0" 180"; [Ellsworth] D;
Table of letter and object lefts.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ↑ 10.0 | L 24.5 | y 29.0 | o 34.4 | n 39.4 | s 44.2 | | | |
| ← 10.9 | E 25.0 | l 30.3 | l 33.2 | s 35.6 | w 40.0 | o 46.2 | r 51.3 | t 54.4 | h 58.7 |



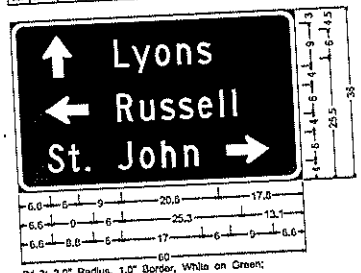

D1-2; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90"; [Great Bend] D;
[Ellsworth] D; Standard Arrow Custom 9.0" X 6.0" 0";
Table of letter and object lefts.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ↑ 7.2 | G 10.2 | r 24.9 | e 28.2 | a 32.7 | t 37.5 | B 46.1 | e 51.6 | n 55.5 | d 61.4 |
| E 7.2 | l 12.5 | l 15.4 | s 17.8 | w 22.2 | o 28.4 | r 33.5 | t 36.7 | h 40.9 | → 50.2 |



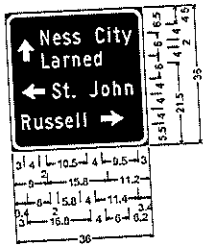

D1-3; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90"; [Lyons] D;
[Ellsworth] D 95% spacing;
Standard Arrow Custom 9.0" X 6.0" 180";
[Ness City] D 95% spacing;
Table of letter and object lefts.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ↑ 10.2 | L 23.7 | y 28.3 | o 33.7 | n 38.7 | s 43.5 | | | | |
| E 23.7 | l 29.0 | l 31.8 | s 34.1 | w 38.4 | o 44.6 | r 49.6 | t 52.7 | h 56.8 | |
| ← 8.7 | N 23.7 | e 29.4 | s 33.8 | s 38.1 | C 47.4 | i 53.0 | t 55.3 | y 58.9 | |



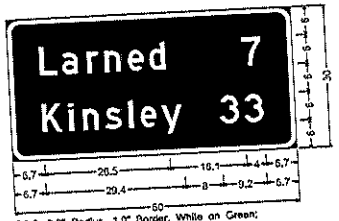

D1-3; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90"; [Lyons] C;
Standard Arrow Custom 9.0" X 6.0" 180"; [Russell] C;
[St. John] C; Standard Arrow Custom 9.0" X 6.0" 0";
Table of letter and object lefts.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ↑ 6.6 | L 21.6 | y 25.5 | o 30.3 | n 34.9 | s 39.2 | | | |
| ← 6.6 | R 21.6 | u 26.6 | s 30.9 | s 34.8 | e 38.8 | l 43.3 | 45.0 | |
| S 6.6 | t 11.0 | 14.5 | J 21.4 | o 26.0 | h 30.6 | n 35.4 | → 44.4 | |



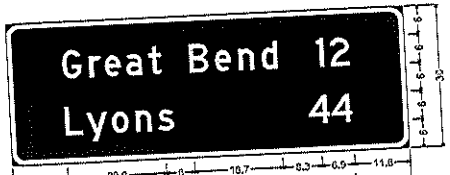

D1-4;
3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 6.0" X 4.0" 90";
[Ness City] C;
[Larned] C;
Standard Arrow Custom 6.0" X 4.0" 180";
[St. John] C; [Russell] C;
Standard Arrow Custom 6.0" X 4.0" 0";
Table of letter and object lefts.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ↑ 3.0 | N 9.0 | e 12.3 | s 15.0 | s 17.6 | C 23.5 | i 26.8 | t 28.3 | y 30.5 | |
| L 9.0 | a 11.7 | r 14.9 | n 17.1 | e 20.1 | d 22.8 | | | | |
| ← 3.4 | S 11.4 | t 14.3 | 16.7 | J 21.2 | o 24.3 | h 27.4 | n 30.6 | | |
| R 3.0 | u 5.3 | s 9.2 | s 11.8 | e 14.4 | l 17.4 | l 19.3 | → 23.6 | | |



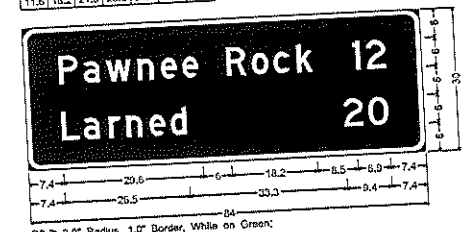

D2-2; 3.0" Radius, 1.0" Border, White on Green;
[Larned] D; [7] D; [Kinsley] D; [33] D;
Table of letter and object lefts.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| L 6.7 | a 11.4 | r 16.7 | n 20.4 | e 25.3 | d 28.8 | 7 49.3 | | |
| K 6.7 | i 12.3 | n 15.2 | s 20.0 | l 24.9 | e 27.4 | y 31.8 | 3 44.1 | 3 49.3 |



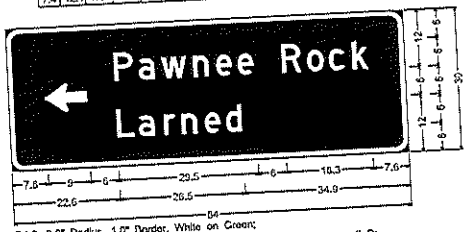

D2-2; 3.0" Radius, 1.0" Border, White on Green;
[Great Bend] D; [12] D; [Lyons] D; [44] D;
Table of letter and object lefts.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| G 11.6 | r 17.3 | e 20.6 | a 25.1 | t 29.9 | B 38.5 | e 44.0 | n 48.9 | d 53.8 | 1 65.5 | 2 68.3 |
| L 11.6 | y 16.2 | o 21.6 | n 26.6 | s 31.4 | d 63.2 | 4 68.0 | | | |




D2-2; 3.0" Radius, 1.0" Border, White on Green;
[Pawnee Rock] D; [12] D; [Larned] D; [20] D;
Table of letter and object lefts.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| P 7.4 | a 12.7 | w 17.5 | n 24.2 | e 29.1 | a 33.6 | R 43.0 | o 48.3 | c 52.9 | k 57.6 | 1 69.7 | 2 72.5 |
| L 7.4 | a 12.1 | r 17.4 | n 21.2 | e 26.1 | d 30.8 | 2 57.2 | 0 72.3 | | | |




D1-2; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180"; [Pawnee Rock] D; [Larned] D;
Table of letter and object lefts.

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ← 7.6 | P 22.6 | a 27.0 | w 32.7 | n 39.4 | e 44.3 | a 48.8 | R 58.1 | o 63.5 | c 68.1 | k 73.0 |
| L 22.6 | a 27.3 | r 32.6 | n 36.3 | a 41.3 | d 45.8 | | | | | |

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

US-56
Barton County
Sign Layouts

TE

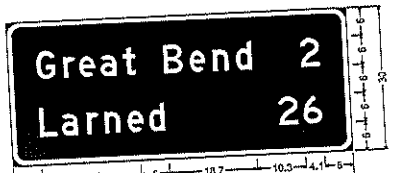
| | | | |
|---|---|---|---|
| TRAFFIC APPROVAL | DETAILED | CHECKED | REVIEWED |
| DESIGNED | DETAILED | QUANTITIES | TRACED |
| DESIGN EN. | DESIGN EN. | QUAN. EN. | TRACE EN. |

KDOT Graphics Certified 12-07-2015 Sh. No. 128

KDOT Graphics Certified

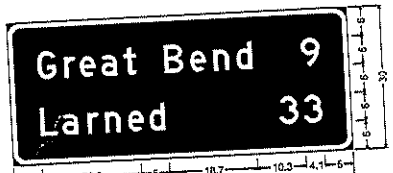
Plotted by: williams Date: 4/9/2016
File: W:\msv\tm\Projects\KDOT87822_KA-4114-02_Signing\Cadd\Road_Sheets\a41140zg4_04.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 129 | 148 |



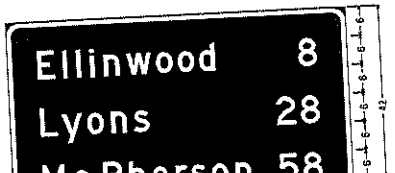

D2-2; 3.0" Radius, 1.0" Border, White on Green;
[Great Bend] D; [2] D; [Larned] D; [26] D;
Table of letter and object lefts.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| G 6.0 | r 11.7 | e 15.0 | a 19.5 | t 24.3 | B 32.9 | e 38.4 | n 43.3 | d 48.2 | 2 61.9 |
| L 6.0 | a 10.7 | r 16.0 | n 19.7 | e 24.6 | d 29.2 | 2 56.8 | 6 61.9 | | |



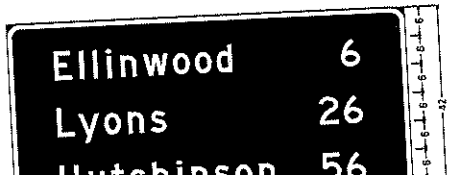

D2-2; 3.0" Radius, 1.0" Border, White on Green;
[Great Bend] D; [9] D; [Larned] D; [33] D;
Table of letter and object lefts.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| G 6.0 | r 11.7 | e 15.0 | a 19.5 | t 24.3 | B 32.9 | e 38.4 | n 43.3 | d 48.2 | 9 61.9 |
| L 6.0 | a 10.7 | r 16.0 | n 19.7 | e 24.6 | d 29.2 | 3 56.8 | 3 61.9 | | |



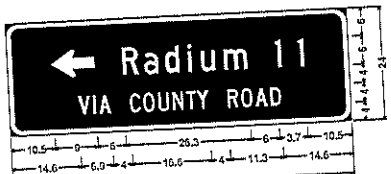

D2-3; 3.0" Radius, 1.0" Border, White on Green;
[Ellinwood] D; [8] D; [Lyons] D; [28] D; [McPherson] D; [58] D;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E 6.3 | l 11.7 | l 14.6 | i 17.5 | n 20.3 | w 25.2 | o 31.4 | o 36.0 | d 40.8 | 8 61.6 | | |
| L 6.3 | y 10.9 | o 15.3 | n 21.3 | s 26.1 | 2 56.5 | 8 61.5 | | | | | |
| M 6.3 | c 12.7 | P 19.1 | h 24.8 | e 29.5 | r 34.4 | s 37.6 | o 42.1 | n 47.1 | 5 56.5 | 8 61.5 | |



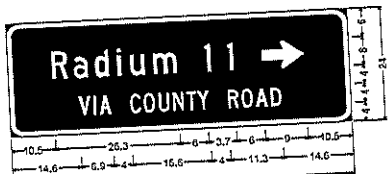

D2-3; 3.0" Radius, 1.0" Border, White on Green;
[Ellinwood] D; [6] D; [Lyons] D; [26] D; [Hutchinson] D; [56] D;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| E 9.7 | l 15.0 | l 17.9 | i 20.8 | n 23.7 | w 28.6 | o 34.8 | o 39.4 | d 44.0 | 6 70.3 | | |
| L 9.7 | y 14.3 | o 19.6 | n 24.7 | s 29.5 | 2 65.1 | 6 70.3 | | | | | |
| H 9.7 | u 15.8 | t 20.6 | c 24.3 | h 29.3 | i 34.6 | n 37.5 | s 42.3 | o 46.7 | n 51.8 | 5 65.1 | 6 70.3 |



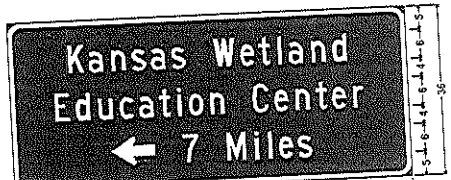

KD1-1b; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Radium 10] C;
[VIA COUNTY ROAD] C;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ← 10.5 | R 25.5 | a 30.0 | d 34.5 | i 39.3 | u 42.0 | m 46.9 | i 57.8 | D 60.3 | | | | | | | | | | | | | | | |
| V 14.6 | I 17.8 | A 19.0 | C 25.5 | O 28.4 | U 31.8 | N 34.5 | T 37.4 | Y 39.6 | R 46.1 | D 49.0 | A 52.0 | D 55.2 | | | | | | | | | | | |




KD1-1b; 3.0" Radius, 1.0" Border, White on Green;
[Radium 10] C; Standard Arrow Custom 9.0" X 6.0" 0°;
[VIA COUNTY ROAD] C;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 10.5 | a 15.0 | d 19.5 | i 24.3 | u 27.0 | m 31.9 | i 42.8 | D 45.3 | → 52.5 | | | | | | | | | | | | | | | |
| V 14.6 | I 17.8 | A 19.0 | C 25.5 | O 28.4 | U 31.5 | N 34.5 | T 37.4 | Y 39.6 | R 46.1 | D 49.0 | A 52.0 | D 55.2 | | | | | | | | | | | |

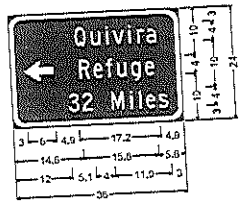



KD7-2ak; 3.0" Radius, 1.0" Border, White on Brown;
[Kansas Wetland] C; [Education Center] C;
Standard Arrow Custom 9.0" X 6.0" 180°; [7 Miles] C;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K 12.6 | a 16.9 | n 21.7 | s 26.1 | a 30.1 | s 34.4 | W 43.3 | e 49.0 | t 53.0 | i 56.8 | a 59.1 | n 64.0 | d 68.4 | | | | | | | | | | | |
| E 9.4 | d 13.7 | u 18.5 | c 23.0 | a 27.1 | t 31.4 | i 35.2 | o 37.6 | n 42.1 | C 51.1 | e 55.7 | n 60.2 | t 64.5 | e 67.9 | r 72.4 | | | | | | | | | |
| ← 20.9 | 7 35.9 | M 45.2 | i 51.1 | l 53.8 | e 56.2 | s 60.1 | | | | | | | | | | | | | | | | | |

KD7-2ar; 3.0" Radius, 1.0" Border, White on Brown;
[Kansas Wetland] C; [Education Center] C; [7 Miles] C;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| K 12.6 | a 16.9 | n 21.7 | s 26.1 | a 30.1 | s 34.4 | W 43.3 | e 49.0 | t 53.0 | i 56.8 | a 59.1 | n 64.0 | d 68.4 | | | | | | | | | | | |
| E 9.4 | d 13.7 | u 18.5 | c 23.0 | a 27.1 | t 31.4 | i 35.2 | o 37.6 | n 42.1 | C 51.1 | e 55.7 | n 60.2 | t 64.5 | e 67.9 | r 72.4 | | | | | | | | | |
| 7 20.9 | M 30.2 | i 36.1 | l 38.8 | e 41.2 | s 45.1 | → 54.1 | | | | | | | | | | | | | | | | | |




KD7-2ak;
3.0" Radius, 1.0" Border, White on Brown;
Standard Arrow Custom 6.0" X 4.0" 180°;
[Quivira] C; [Refuge] C;
[32 Miles] C;
Table of letter and object lefts.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ← 3.0 | Q 13.9 | u 17.3 | i 20.8 | v 22.0 | i 25.3 | r 27.1 | a 29.1 | |
| | R 14.6 | e 17.6 | f 20.3 | u 22.5 | g 25.5 | e 28.5 | | |
| 3 12.0 | 2 14.0 | M 21.1 | i 25.0 | l 26.8 | e 28.4 | s 31.0 | | |

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

US-56
Barton County
Sign Layouts

TE

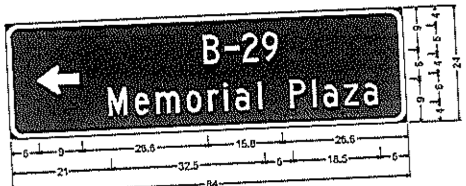
| | | | |
|---|---|---|---|
| FINAL APPROVAL | | APPD. | |
| DESIGNED | DETAILED | QUANTITIES | TRACED |
| CHECK. BY | REVIEW BY | CHECK. BY | TRACE. CK. |

KDOT Graphics Certified 11-21-2015 Sh. No. 129

KDOT Graphics Certified

Date: 4/6/2016
Plotted by: williams
File: \\fmsrv\fm\Projects\KDOT\87822_KA-4114-02_Signing\Cadd\Road_Sheets\ka411402rsl_05.dgn

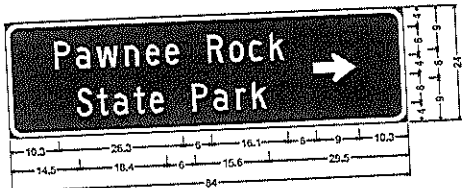
| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 130 | 148 |




KD7-2L; 3.0" Radius, 1.0" Border, White on Brown;
Standard Arrow Custom 9.0" X 6.0" 180°; [B-29] C; [Memorial Plaza] C;
Table of letter and object lefts.

| ← | B | - | 2 | 9 |
|---|---|---|---|---|
| 6.0 | 41.6 | 46.1 | 49.8 | 54.1 |

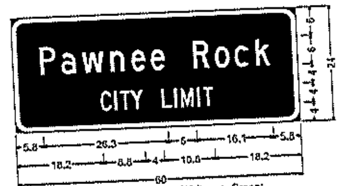
| M | e | m | o | r | i | a | l | P | l | a | z | a |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 21.0 | 26.6 | 31.1 | 37.5 | 42.1 | 45.5 | 47.8 | 52.7 | 59.5 | 64.2 | 66.5 | 71.0 | 75.1 |




KD7-2R; 3.0" Radius, 1.0" Border, White on Brown;
[Pawnee Rock] C; [State Park] C; Standard Arrow Custom 9.0" X 6.0" 0°;
Table of letter and object lefts.

| P | a | w | n | e | e | R | o | c | k | → |
|---|---|---|---|---|---|---|---|---|---|---|
| 10.3 | 14.8 | 19.1 | 25.1 | 29.6 | 33.6 | 42.0 | 47.1 | 51.3 | 55.8 | 64.7 |

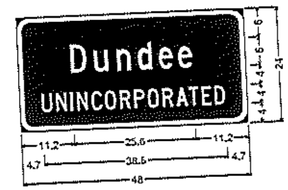
| S | t | a | t | e | P | a | r | k |
|---|---|---|---|---|---|---|---|---|
| 14.5 | 18.8 | 22.2 | 26.5 | 29.9 | 38.9 | 43.3 | 48.2 | 51.6 |




KI-92; 3.0" Radius, 1.0" Border, White on Green;
[Pawnee Rock] C; [CITY LIMIT] C;
Table of letter and object lefts.

| P | a | w | n | e | e | R | o | c | k |
|---|---|---|---|---|---|---|---|---|---|
| 5.8 | 10.3 | 14.6 | 20.6 | 25.1 | 29.1 | 38.1 | 42.6 | 46.8 | 51.3 |

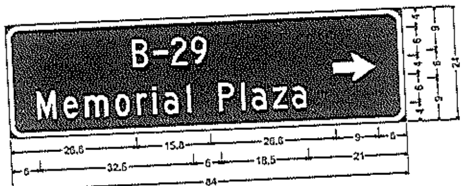
| C | I | T | Y | L | I | M | I | T |
|---|---|---|---|---|---|---|---|---|
| 18.2 | 21.1 | 22.3 | 24.5 | 31.0 | 33.7 | 35.1 | 38.6 | 39.8 |




KI-96;
3.0" Radius, 1.0" Border, White on Green;
[Dundee] C; [UNINCORPORATED] C;
Table of letter and object lefts.

| D | u | n | d | e | e |
|---|---|---|---|---|---|
| 11.2 | 16.1 | 20.9 | 25.4 | 29.8 | 33.9 |

| U | N | I | N | C | O | R | P | O | R | A | T | E | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4.7 | 7.7 | 10.7 | 12.1 | 15.2 | 18.0 | 21.2 | 24.2 | 27.1 | 30.2 | 33.1 | 35.8 | 38.5 | 41.2 |




KD7-2R; 3.0" Radius, 1.0" Border, White on Brown;
[B-29] C; [Memorial Plaza] C; Standard Arrow Custom 9.0" X 6.0" 0°;
Table of letter and object lefts.

| B | - | 2 | 9 | → |
|---|---|---|---|---|
| 26.6 | 31.1 | 34.8 | 39.1 | 69.0 |

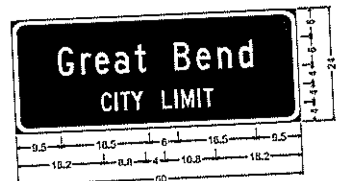
| M | e | m | o | r | i | a | l | P | l | a | z | a |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6.0 | 11.6 | 16.1 | 22.5 | 27.1 | 30.5 | 32.8 | 37.7 | 44.5 | 49.2 | 51.5 | 56.0 | 60.1 |

KI-63R; 1.5" Radius, 0.5" Border, 0.4" Indent, White on Green;
[KANSAS] C;
[NATIONAL GUARD] B;
Standard Arrow Custom 11.0" X 3.0" 0°;
Table of letter and object lefts.

| K | A | N | S | A | S |
|---|---|---|---|---|---|
| 8.6 | 10.8 | 13.0 | 15.2 | 17.4 | 19.8 |

| N | A | T | I | O | N | A | L | G | U | A | R | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.8 | 4.5 | 6.2 | 7.8 | 8.7 | 10.7 | 12.4 | 14.4 | 18.5 | 20.4 | 22.1 | 24.1 | 26.0 |

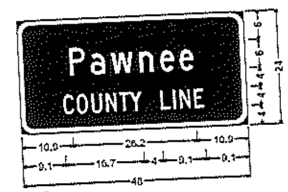
| → |
|---|
| 9.5 |




KI-92; 3.0" Radius, 1.0" Border, White on Green;
[Great Bend] C; [CITY LIMIT] C;
Table of letter and object lefts.

| G | r | e | a | t | B | e | n | d |
|---|---|---|---|---|---|---|---|---|
| 9.5 | 14.3 | 17.3 | 21.4 | 25.7 | 34.0 | 38.7 | 43.2 | 47.6 |

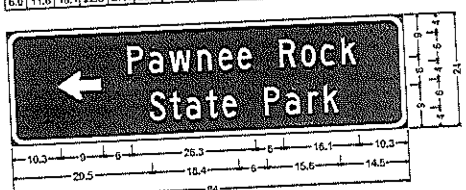
| C | I | T | Y | L | I | M | I | T |
|---|---|---|---|---|---|---|---|---|
| 18.2 | 21.1 | 22.3 | 24.5 | 31.0 | 33.7 | 35.1 | 38.6 | 39.8 |




KI-97;
3.0" Radius, 1.0" Border, White on Green;
[Pawnee] C; [COUNTY LINE] C;
Table of letter and object lefts.

| P | a | w | n | e | e |
|---|---|---|---|---|---|
| 10.9 | 15.3 | 19.7 | 25.7 | 30.1 | 34.2 |

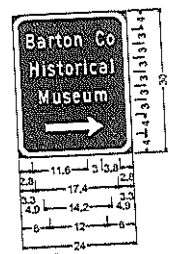
| C | O | U | N | T | Y | L | I | N | E |
|---|---|---|---|---|---|---|---|---|---|
| 9.1 | 12.0 | 15.1 | 18.2 | 21.0 | 23.3 | 29.8 | 32.4 | 33.8 | 36.9 |




KD7-2L; 3.0" Radius, 1.0" Border, White on Brown;
Standard Arrow Custom 9.0" X 6.0" 180°; [Pawnee Rock] C; [State Park] C;
Table of letter and object lefts.

| ← | P | a | w | n | e | e | R | o | c | k |
|---|---|---|---|---|---|---|---|---|---|---|
| 10.3 | 25.3 | 29.8 | 34.1 | 40.1 | 44.6 | 48.6 | 57.6 | 62.1 | 66.3 | 70.8 |

| S | t | a | t | e | P | a | r | k |
|---|---|---|---|---|---|---|---|---|
| 29.5 | 33.8 | 37.2 | 41.5 | 44.9 | 53.9 | 58.3 | 63.2 | 66.6 |




KD7-2R;
3.0" Radius, 1.0" Border, White on Brown;
[Barton Co] C;
[Historical] C;
[Museum] C;
Standard Arrow Custom 12.0" X 4.0" 0°;
Table of letter and object lefts.

| B | a | r | t | o | n | C | o |
|---|---|---|---|---|---|---|---|
| 2.8 | 6.1 | 7.5 | 8.9 | 10.6 | 12.9 | 17.4 | 19.7 |

| H | i | s | t | o | r | i | c | a | l |
|---|---|---|---|---|---|---|---|---|---|
| 3.3 | 5.9 | 7.0 | 9.0 | 10.7 | 13.0 | 14.7 | 15.8 | 17.9 | 20.3 |

| M | u | s | e | u | m |
|---|---|---|---|---|---|
| 4.0 | 7.8 | 10.0 | 12.0 | 14.2 | 16.8 |

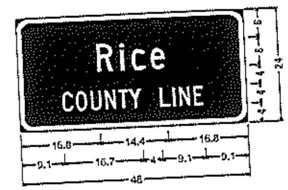
| → |
|---|
| 6.0 |

KI-63L; 1.5" Radius, 0.5" Border, 0.4" Indent, White on Green;
[KANSAS] C;
[NATIONAL GUARD] B;
Standard Arrow Custom 11.0" X 3.0" 0°;
Table of letter and object lefts.

| K | A | N | S | A | S |
|---|---|---|---|---|---|
| 8.6 | 10.8 | 13.0 | 15.2 | 17.4 | 19.8 |

| N | A | T | I | O | N | A | L | G | U | A | R | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2.8 | 4.5 | 6.2 | 7.8 | 8.7 | 10.7 | 12.4 | 14.4 | 18.5 | 20.4 | 22.1 | 24.1 | 26.0 |

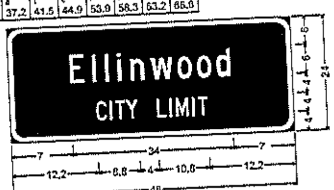
| ← |
|---|
| 9.5 |




KI-97;
3.0" Radius, 1.0" Border, White on Green;
[Rice] C; [COUNTY LINE] C;
Table of letter and object lefts.

| R | i | c | e |
|---|---|---|---|
| 16.8 | 21.0 | 24.1 | 28.2 |

| C | O | U | N | T | Y | L | I | N | E |
|---|---|---|---|---|---|---|---|---|---|
| 9.1 | 12.0 | 15.1 | 18.2 | 21.0 | 23.3 | 29.8 | 32.4 | 33.8 | 36.9 |




KI-92; 3.0" Radius, 1.0" Border, White on Green;
[Ellinwood] C; [CITY LIMIT] C;
Table of letter and object lefts.

| E | l | l | i | n | w | o | o | d |
|---|---|---|---|---|---|---|---|---|
| 7.0 | 11.6 | 14.4 | 17.1 | 19.8 | 24.2 | 29.8 | 33.9 | 38.0 |

| C | I | T | Y | L | I | M | I | T |
|---|---|---|---|---|---|---|---|---|
| 12.2 | 15.1 | 16.3 | 18.5 | 25.0 | 27.7 | 29.1 | 32.6 | 33.8 |

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

US-56
Barton County
Sign Layouts

TE

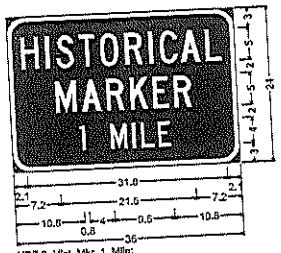
KDOT Graphics Certified 12-08-2015

Sh. No. 130

KDOT Graphics Certified

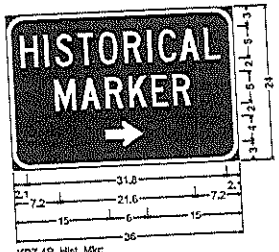
Plotted by: rwilliams Date: 4/6/2016
File: \\msrv\kdot\Projects\KDOT\87822_KA-4114-02_Signing\Cadd\Road_Sheets\ka411402psl_05.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 131 | 148 |



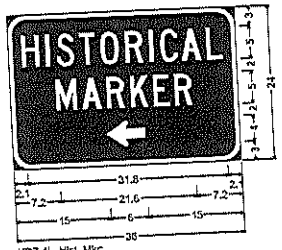

KD7-3 Hist Mkr 1 Mile;
3.0" Radius, 0.7" Border, White on Brown;
[HISTORICAL] C; [MARKER] C;
[1 MILE] C;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H 2.1 | I 5.9 | S 7.7 | T 11.3 | O 14.6 | R 18.5 | I 22.3 | C 24.1 | A 27.4 | L 31.4 | | |
| M 7.2 | A 11.3 | R 15.3 | K 19.1 | E 22.7 | R 26.0 | | | | | | |
| I 10.8 | M 15.6 | I 19.1 | L 20.5 | E 23.2 | | | | | | | |



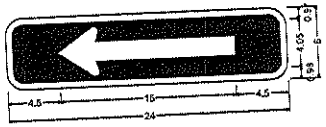

KD7-4R Hist Mkr;
3.0" Radius, 0.7" Border, White on Brown;
[HISTORICAL] C; [MARKER] C;
Standard Arrow Custom 6.0" X 4.0" 0";
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H 2.1 | I 5.9 | S 7.7 | T 11.3 | O 14.6 | R 18.5 | I 22.3 | C 24.1 | A 27.4 | L 31.4 | | |
| M 7.2 | A 11.3 | R 15.3 | K 19.1 | E 22.7 | R 26.0 | | | | | | |
| 15.0 | | | | | | | | | | | |



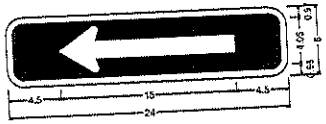

KD7-4L Hist Mkr;
3.0" Radius, 0.7" Border, White on Brown;
[HISTORICAL] C; [MARKER] C;
Standard Arrow Custom 6.0" X 4.0" 180";
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H 2.1 | I 5.9 | S 7.7 | T 11.3 | O 14.6 | R 18.5 | I 22.3 | C 24.1 | A 27.4 | L 31.4 | | |
| M 7.2 | A 11.3 | R 15.3 | K 19.1 | E 22.7 | R 26.0 | | | | | | |
| 15.0 | | | | | | | | | | | |



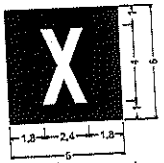

KD9-0
1.50" Radius, 0.50" Border, White on Blue;
Standard Arrow Custom 15.00" X 4.05" 0";
Table of distances between letter and object lefts.

| | | |
|---|---|---|
| 4.50 | 15.00 | 4.50 |




KI-0
1.50" Radius, 0.50" Border, White on Green;
Standard Arrow Custom 15.00" X 4.05" 0";
Table of distances between letter and object lefts.

| | | |
|---|---|---|
| 4.50 | 15.00 | 4.50 |




KRM Series
No border, None on Green;
[X] White C;
Table of distances between letter and object lefts.

| | | |
|---|---|---|
| 1.8 | X 2.4 | 1.8 |

NOTE: See plan or quantity sheet for number and sign designation.

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

US-56
Barton County
Sign Layouts

TE

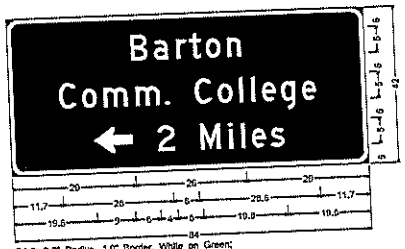
| | | | |
|---|---|---|---|
| TRAN. APPROVAL | | APP'D | |
| DESIGNED | DETAILED | QUANTITIES | TRACED |
| DESIGN CK. | DETAIL CK. | QUAN. CK. | TRACE CK. |

KDOT Graphics Certified 12-11-2015 Sh. No. 131

KDOT Graphics Certified

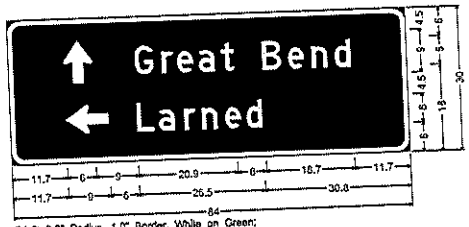
Plotted by: rmilliams Date: 4/6/2016
File: \\tnsrvtm\Projects\KDOT\87822_KA-4114-02_Signing\Cadd\Road_Sheets\ka411402psl_13.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 132 | 148 |




D1-3; 3.0" Radius, 1.0" Border, White on Green;
[Barton] D; [Comm. College] D; Standard Arrow Custom 9.0" X 6.0" 180";
[2 Miles] D;
Table of letter and object lefts.

| | | | | | | |
|---|---|---|---|---|---|---|
| B 29.0 | a 34.4 | r 39.7 | t 42.9 | o 46.7 | n 51.7 | |
| C 11.7 | o 17.1 | m 22.1 | m 29.7 | 36.7 | C 43.7 | o 49.1 | 54.1 | r 57.0 | e 59.5 | 64.0 | e 68.0 |
| ← 19.6 | 2 34.6 | M 44.6 | i 51.3 | l 54.2 | e 56.7 | s 61.1 | |




D1-2; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90"; [Great Bend] D;
Standard Arrow Custom 9.0" X 6.0" 180"; [Larned] D;
Table of letter and object lefts.

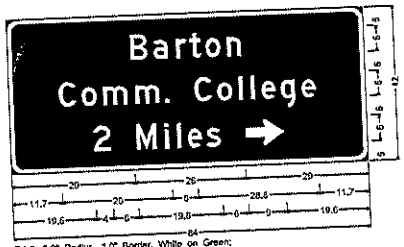
| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ↑ 11.7 | G 26.7 | r 32.4 | e 35.7 | a 40.2 | t 45.0 | B 53.6 | e 59.1 | n 64.0 | d 68.9 | | |
| ← 11.7 | L 26.7 | a 31.4 | r 36.7 | n 40.4 | e 45.3 | d 49.9 | | | | | |

D3-12d;
3.00" Radius, 1.00" Border, White on Green;
[WASTE] C; [DISPOSAL] C;
Standard Arrow Custom 9.00" X 6.00" 180"; [SITE 3] C;
Table of distances between letter and object lefts.

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13.54 | W 4.84 | A 4.77 | S 4.76 | T 4.07 | E 3.06 | 13.54 | | | | | | | | | |
| 7.98 | D 5.44 | I 2.11 | S 4.54 | P 4.30 | O 4.48 | S 4.78 | A 4.77 | L 3.06 | 7.98 | | | | | | |
| 5.19 | ← 15.06 | S 4.56 | I 1.95 | T 4.07 | E 3.06 | 5.19 | | | | | | | | | |

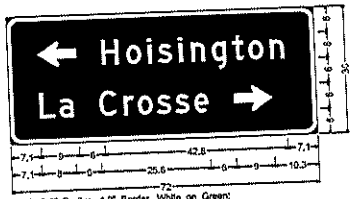
K09-0
1.50" Radius, 0.50" Border, White on Blue;
Standard Arrow Custom 15.00" X 4.05" 0";
Table of distances between letter and object lefts.

| | | |
|---|---|---|
| 4.50 | 15.00 | 4.50 |



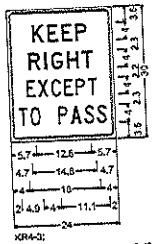

D1-3; 3.0" Radius, 1.0" Border, White on Green;
[Barton] D; [Comm. College] D; [2 Miles] D;
Standard Arrow Custom 9.0" X 6.0" 0";
Table of letter and object lefts.

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B 29.0 | a 34.4 | r 39.7 | t 42.9 | o 46.7 | n 51.7 | | | | | | | | |
| C 11.7 | o 17.1 | m 22.1 | m 29.7 | 36.7 | C 43.7 | o 49.1 | 54.1 | r 57.0 | e 59.5 | 64.0 | e 68.0 | | |
| 2 19.6 | M 29.6 | i 36.3 | l 39.2 | e 41.7 | s 46.1 | → 55.4 | | | | | | | |



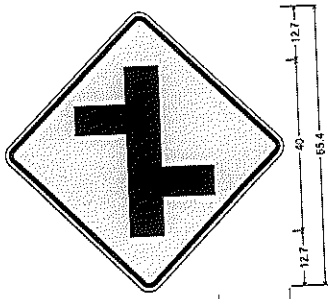

D1-2; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180"; [Hoisington] D;
[La Crosse] D; Standard Arrow Custom 9.0" X 6.0" 0";
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ← 7.1 | H 22.1 | o 27.9 | i 32.9 | n 35.3 | g 40.2 | t 43.1 | o 48.0 | n 52.8 | a 56.5 | 61.6 | |
| L 7.1 | a 11.8 | r 21.1 | o 26.8 | s 30.1 | a 34.6 | l 38.9 | a 43.4 | → 52.7 | | | |

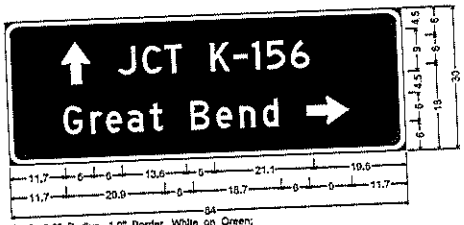



XR4-3;
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
[KEEP] D;
[RIGHT] D;
[EXCEPT] C;
[TO PASS] C;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| K 5.7 | E 6.2 | E 12.4 | P 15.8 | | | | | | | | |
| R 4.7 | I 8.3 | G 9.8 | H 12.5 | T 16.5 | | | | | | | |
| E 4.0 | X 8.6 | C 9.6 | E 12.5 | P 15.2 | I 18.0 | | | | | | |
| I 2.0 | O 4.6 | P 10.9 | A 13.8 | S 17.0 | S 19.9 | | | | | | |

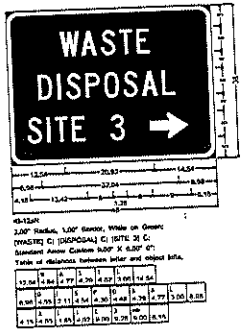


SPSIGN
48.0" across sides 3.0" Radius, 1.3" Border, 0.8" Indent, Black on Yellow;



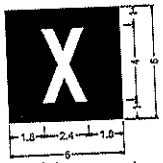

D1-2; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90"; [JCT K-156] D; [Great Bend] D;
Standard Arrow Custom 9.0" X 6.0" 0";
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ↑ 11.7 | J 23.7 | C 28.9 | T 33.7 | K 43.3 | - 48.2 | 1 52.3 | 5 55.2 | 6 60.3 | | | |
| G 11.7 | r 17.4 | e 20.7 | a 25.2 | t 30.0 | B 39.6 | e 44.1 | n 49.0 | d 53.9 | → 63.3 | | |




D3-12d;
3.00" Radius, 1.00" Border, White on Green;
[WASTE] C; [DISPOSAL] C; [SITE 3] C;
Standard Arrow Custom 9.00" X 6.00" 0";
Table of distances between letter and object lefts.

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 13.54 | W 4.84 | A 4.77 | S 4.76 | T 4.07 | E 3.06 | 13.54 | | | | | | | | | |
| 8.98 | D 4.75 | I 2.11 | S 4.54 | P 4.30 | O 4.48 | S 4.78 | A 4.77 | L 3.06 | 8.98 | | | | | | |
| 4.19 | I 3.95 | T 1.95 | E 2.93 | C 3.90 | E 3.28 | 5.00 | → 6.19 | | | | | | | | |




KRM Series
No border, None on Green;
[X] White C;
Table of distances between letter and object lefts.

| | | |
|---|---|---|
| 1.8 | X 2.4 | 1.8 |

NOTE: See plan or quantity sheet for number and sign designation.

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION

US-281
Barton & Stafford Counties
Sign Layouts

TE

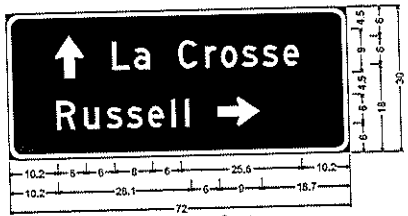
| | | | | | |
|---|---|---|---|---|---|
| FINAL APPROVAL | | APPD | | | |
| DESIGNED | | DETAILED | | QUANTITIES | TRACED |
| REVIEWED | | DETAIL CK. | | DRAWN CK. | TRACE CK. |

KDOT Graphics Certified 12-18-2015 Sh. No. 132

KDOT Graphics Certified

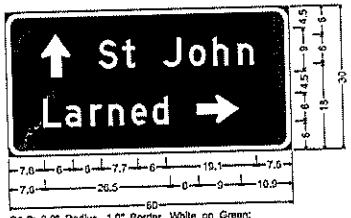
Plotted by: rwilliams Date: 4/8/2016
File: \\Ctrs-Wm\Projects\KDOT\97822_KA-4114-02_Signing\Cadd\Road_Sheets\ka4114o2psl_07.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 133 | 148 |



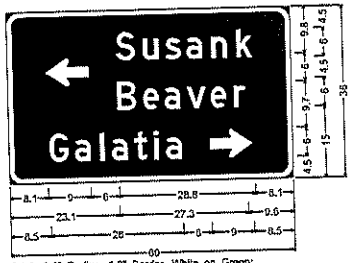

D1-2; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°; [La Crosse] D;
[Russell] D; Standard Arrow Custom 9.0" X 6.0" 0°;
Table of letter and object lefts.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| ↑ 10.2 | L 22.2 | a 26.9 | C 30.2 | r 41.9 | o 45.2 | s 49.7 | s 54.0 | e 58.5 | |
| R 10.2 | u 15.9 | s 20.7 | s 25.0 | e 29.5 | l 34.4 | l 37.3 | → 44.3 | | |



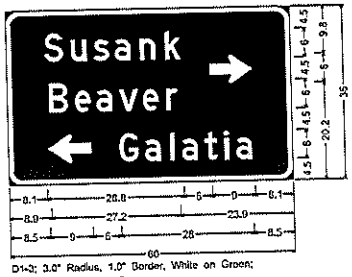

D1-2; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°; [St John] D;
[Larned] D; Standard Arrow Custom 9.0" X 6.0" 0°;
Table of letter and object lefts.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ↑ 7.6 | S 16.6 | t 24.7 | J 33.3 | o 36.7 | h 43.6 | n 49.1 | |
| L 7.6 | a 12.3 | r 17.6 | n 21.3 | e 25.2 | d 30.7 | → 40.1 | |



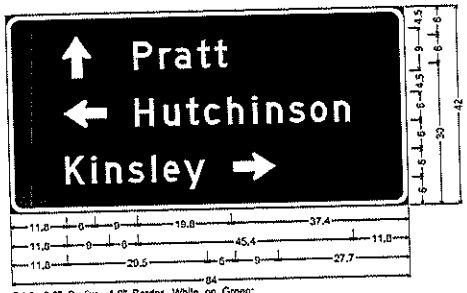

D1-3; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Susank] D;
[Beaver] D; [Galatia] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of letter and object lefts.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ← 8.1 | S 23.1 | u 28.7 | s 33.5 | a 38.0 | n 43.3 | k 48.6 | |
| B 23.1 | e 28.5 | a 33.1 | V 37.9 | e 42.9 | r 47.8 | | |
| G 8.5 | a 13.0 | l 19.2 | a 21.7 | t 26.5 | l 30.7 | a 33.2 | → 42.5 |



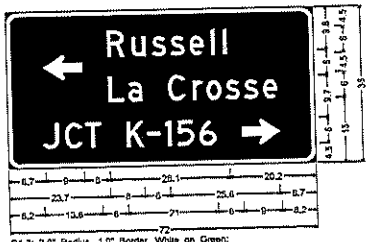

D1-3; 3.0" Radius, 1.0" Border, White on Green;
[Susank] D; [Beaver] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Standard Arrow Custom 9.0" X 6.0" 180°; [Galatia] D;
Table of letter and object lefts.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| S 8.1 | u 13.7 | s 18.5 | a 23.0 | n 28.3 | k 33.6 | → 42.0 | |
| B 8.0 | e 14.3 | a 18.9 | V 23.6 | e 28.6 | r 33.5 | | |
| ← 8.5 | G 23.5 | a 28.9 | l 34.2 | a 38.7 | t 41.5 | l 45.7 | a 48.2 |



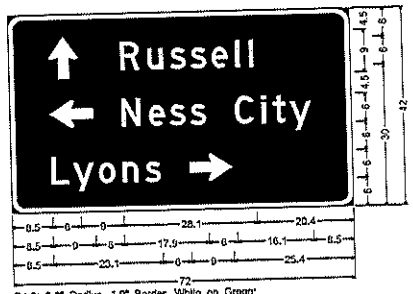

D1-3; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°; [Pratt] D;
Standard Arrow Custom 9.0" X 6.0" 180°; [Hutchinson] D; [Kinsley] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of letter and object lefts.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ↑ 11.8 | P 26.8 | r 32.3 | a 35.6 | t 40.3 | t 44.0 | | | | | | | |
| ← 11.8 | H 26.8 | u 32.9 | t 37.7 | c 41.4 | h 46.4 | i 51.7 | n 54.8 | s 59.4 | o 63.8 | n 68.8 | | |
| K 11.8 | i 17.5 | n 20.4 | s 25.1 | i 30.0 | e 32.5 | Y 38.9 | → 47.3 | | | | | |



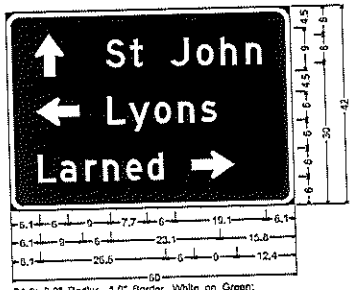

D1-3; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180°; [Russell] D;
[La Crosse] D; [JCT K-156] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of letter and object lefts.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ← 6.7 | R 23.7 | u 29.4 | s 34.2 | s 38.5 | e 43.0 | l 47.9 | 50.8 | | | | | |
| L 23.7 | a 28.4 | C 37.7 | r 43.4 | o 46.7 | s 51.2 | s 55.5 | e 60.0 | | | | | |
| J 8.2 | C 13.3 | T 18.1 | K 27.8 | - 32.6 | l 35.8 | s 39.6 | a 44.8 | → 54.8 | | | | |




D1-3; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°; [Russell] D;
Standard Arrow Custom 9.0" X 6.0" 180°; [Ness City] D;
[Lyons] D; Standard Arrow Custom 9.0" X 6.0" 0°;
Table of letter and object lefts.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ↑ 8.5 | R 23.5 | u 29.3 | s 34.0 | s 38.4 | e 42.8 | l 47.8 | l 50.7 | | | | | |
| ← 8.5 | N 23.5 | e 29.3 | s 33.7 | s 38.1 | C 47.4 | i 53.1 | t 55.5 | Y 59.1 | | | | |
| L 8.5 | V 13.1 | a 18.5 | n 23.5 | s 28.3 | → 37.8 | | | | | | | |




D1-3; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 90°; [St John] D;
Standard Arrow Custom 9.0" X 6.0" 180°; [Lyons] D;
[Larned] D; Standard Arrow Custom 9.0" X 6.0" 0°;
Table of letter and object lefts.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| ↑ 6.1 | S 21.1 | t 26.2 | J 34.8 | o 40.2 | h 45.3 | n 50.6 | |
| ← 6.1 | L 21.1 | y 25.6 | o 31.0 | n 36.0 | s 40.8 | | |
| L 6.1 | a 10.8 | r 16.1 | n 19.8 | e 24.7 | d 29.2 | → 38.6 | |

D2-1; 3.0" Radius, 1.0" Border, White on Green;
[Great Bend] C; [14] C;
Table of letter and object lefts.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G 9.5 | r 14.4 | e 17.4 | a 21.4 | t 25.8 | B 34.1 | e 38.7 | n 43.2 | d 47.7 | 1 56.6 | 4 56.8 | | |

| NO. | DATE | REVISION | BY | APPD |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

US-281
Barton & Stafford Counties
Sign Layouts

TE

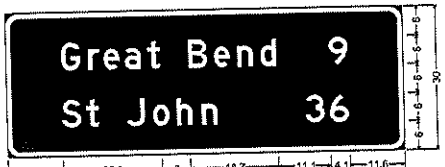
| | | | | | |
|---|---|---|---|---|---|
| TRAFFIC APPROVAL | | APPD | | | |
| DESIGNED | RETRACED | QUANTITIES | | TRACED | |
| DRAWN BY | REVIEW BY | DATE | | TRACE BY | |

KDOT Graphics Certified 10-14-2015 Sh. No. 133

KDOT Graphics Certified

Plotted by: rwilliams Date: 4/6/2016
File: \\krsnv\Uni\Projects\KDOT\37822_KA-4114-02_Signing\Cadd\Road_Sheets\a411492psl_03.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 134 | 148 |

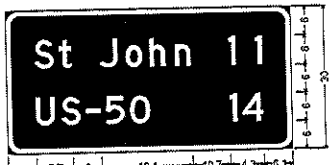



D2-2; 3.0" Radius, 1.0" Border, White on Green;
[Great Bend] D; [9] D; [St John] D; [36] D;
Table of letter and object lefts.

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| G 11.6 | r 17.3 | e 20.6 | a 25.1 | t 20.9 | B 30.5 | e 44.0 | n 48.9 | d 53.8 | 9 58.3 |
| S 11.6 | t 16.7 | J 25.3 | o 30.8 | h 35.8 | n 41.1 | 3 53.2 | 6 58.3 | | |

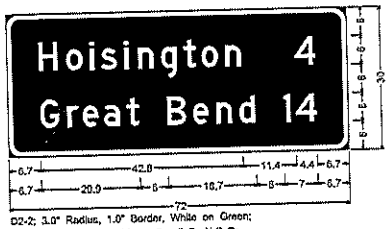
D2-2; 3.0" Radius, 1.0" Border, White on Green;
[K-19] D; [11] D; [Great Bend] D; [26] D;
Table of letter and object lefts.

| | | | | | | |
|---|---|---|---|---|---|---|
| K 9.6 | - 14.5 | 1 18.8 | 9 21.5 | 1 29.1 | 1 32.9 | |
| G 9.6 | r 15.3 | e 18.6 | a 23.1 | t 27.9 | B 36.5 | e 42.0 | n 46.9 | d 51.8 | 2 55.2 | 6 60.3 |



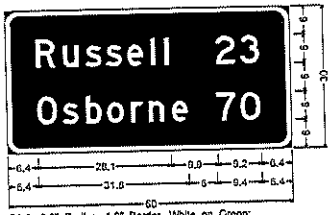

D2-2; 3.0" Radius, 1.0" Border, White on Green;
[St John] D; [10] D; [US-50] D; [14] D;
Table of letter and object lefts.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| S 6.1 | t 11.2 | J 19.8 | o 25.3 | h 30.3 | n 35.6 | 1 49.6 | 0 52.5 |
| U 6.1 | S 11.5 | - 16.7 | 5 20.8 | 0 26.0 | 1 49.9 | 4 53.5 | |



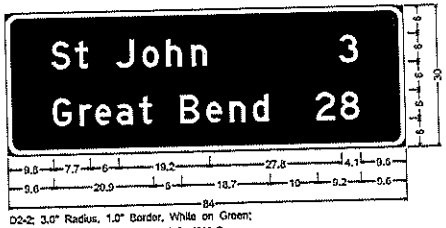

D2-2; 3.0" Radius, 1.0" Border, White on Green;
[Hoisington] D; [4] D; [Great Bend] D; [14] D;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H 6.7 | o 12.5 | i 17.5 | s 19.9 | i 24.8 | n 27.7 | g 32.6 | t 37.4 | o 41.1 | n 46.2 | 4 50.9 | |
| G 6.7 | r 12.4 | e 15.7 | a 20.2 | t 25.0 | B 30.6 | e 39.1 | n 44.0 | d 48.9 | 1 53.3 | 4 60.9 | |



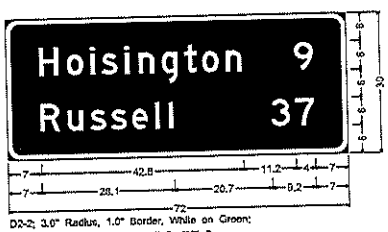

D2-2; 3.0" Radius, 1.0" Border, White on Green;
[Russell] D; [23] D; [Osborne] D; [70] D;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| R 6.4 | u 12.2 | s 16.9 | s 21.3 | e 25.7 | l 30.7 | l 33.6 | 2 44.4 | 3 49.5 | | | |
| O 6.4 | s 11.8 | b 16.7 | o 21.2 | r 26.2 | n 30.0 | e 34.9 | 7 44.2 | 0 49.4 | | | |



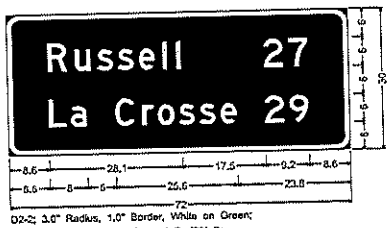

D2-2; 3.0" Radius, 1.0" Border, White on Green;
[St John] D; [3] D; [Great Bend] D; [28] D;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S 9.6 | t 14.7 | J 23.3 | o 28.8 | h 33.8 | n 39.1 | 3 50.3 | | | | | |
| G 9.6 | r 15.3 | e 18.6 | a 23.1 | t 27.9 | B 36.5 | e 42.0 | n 46.9 | d 51.8 | 2 55.2 | 8 60.3 | |



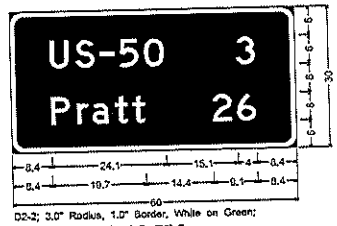

D2-2; 3.0" Radius, 1.0" Border, White on Green;
[Hoisington] D; [9] D; [Russell] D; [37] D;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| H 7.0 | o 12.8 | i 17.8 | s 20.2 | i 25.1 | n 28.0 | g 32.9 | t 37.7 | o 41.4 | n 46.5 | 9 51.0 | |
| R 7.0 | u 12.7 | s 17.5 | s 21.9 | e 26.3 | l 31.3 | l 34.2 | 3 55.8 | 7 61.0 | | | |




D2-2; 3.0" Radius, 1.0" Border, White on Green;
[Russell] D; [27] D; [La Crosse] D; [29] D;
Table of letter and object lefts.

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| R 8.6 | u 14.3 | s 19.1 | s 23.4 | e 27.9 | l 32.8 | l 35.7 | 2 54.2 | 7 59.4 | | | |
| L 8.6 | a 13.3 | C 22.6 | r 28.3 | o 31.8 | s 36.1 | s 40.4 | e 44.8 | 2 54.2 | 9 59.4 | | |




D2-2; 3.0" Radius, 1.0" Border, White on Green;
[US-50] D; [3] D; [Pratt] D; [26] D;
Table of letter and object lefts.

| | | | | | | |
|---|---|---|---|---|---|---|
| U 8.4 | S 13.8 | - 19.0 | 5 23.1 | 0 28.2 | 3 47.6 | |
| P 8.4 | r 13.8 | a 17.1 | t 21.9 | t 25.5 | 2 42.5 | 6 47.6 |

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

US-281
Barton & Stafford Counties
Sign Layouts

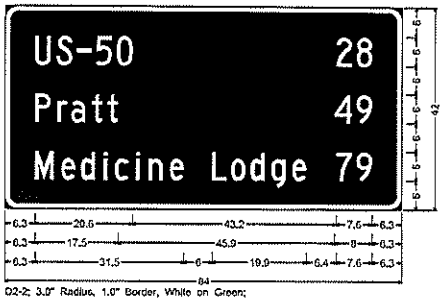
TE

KDOT Graphics Certified 11-24-2015 Sh. No. 134

KDOT Graphics Certified

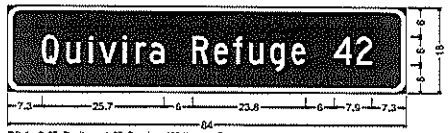
Plotted by: nwilliams
Date: 4/9/2016
File: \\kimsrv3\n\Projects\KDOT\37822_KA-4114-02_Signing\Cadd\Road_Sheets\ka411402psl_09.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 135 | 148 |



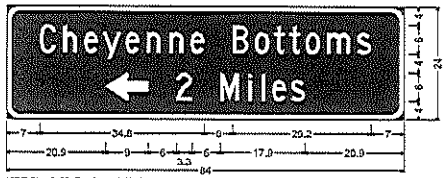

D2-2; 3.0" Radius, 1.0" Border, White on Green;
[US-50] C; [28] C; [Pratt] C; [49] C; [Medicine Lodge] C; [79] C;
Table of letter and object lefts.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| U 6.3 | S 10.8 | - 16.2 | 5 19.2 | 0 23.5 | 2 70.1 | 8 74.4 | |
| P 6.3 | r 11.8 | a 13.9 | t 18.3 | t 21.5 | 4 69.7 | 9 74.4 | |
| M 6.3 | e 11.9 | d 16.0 | i 20.8 | c 23.2 | i 27.6 | n 30.4 | e 34.8 | L 43.8 | o 47.6 | d 51.9 | g 56.3 | e 60.6 | 7 70.1 | 9 74.4 |



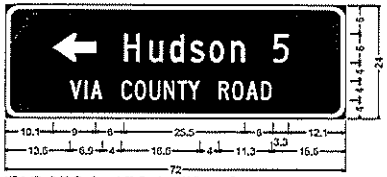

D2-1; 3.0" Radius, 1.0" Border, White on Brown;
[Quivira Refuge] C; [42] C;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Q 7.3 | u 12.4 | i 17.2 | v 19.4 | i 24.3 | r 27.1 | a 30.0 | R 39.0 | e 43.5 | f 47.5 | u 51.0 | g 55.4 | e 59.9 | 4 68.8 | 2 73.5 | | | |



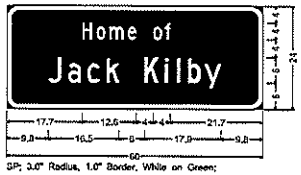

KD7-2L; 3.0" Radius, 1.0" Border, White on Brown;
[Cheyenne Bottoms] C; Standard Arrow Custom 9.0" X 6.0" 180";
[2 Miles] C;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C 7.0 | h 11.9 | e 16.3 | y 20.3 | e 25.1 | n 29.6 | n 34.4 | e 38.9 | B 47.8 | o 52.5 | t 56.5 | t 59.8 | o 63.2 | m 67.8 | s 74.1 | | | |
| ← 20.9 | 2 35.9 | M 45.2 | i 51.1 | l 53.8 | e 56.2 | s 60.1 | | | | | | | | | | | |



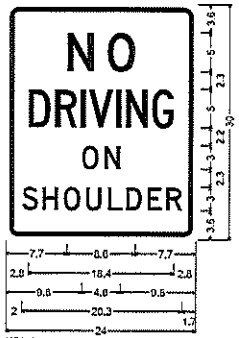

KD1-1B; 3.0" Radius, 1.0" Border, White on Green;
Standard Arrow Custom 9.0" X 6.0" 180"; [Hudson 5] C;
[VIA COUNTY ROAD] C;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ← 10.1 | H 25.1 | u 30.4 | d 34.8 | s 39.1 | o 43.1 | n 47.7 | S 56.6 | | | | | | | | | | |
| V 13.6 | I 16.6 | A 18.0 | C 24.5 | O 27.4 | U 30.5 | N 33.5 | T 36.4 | Y 38.6 | R 45.1 | O 48.0 | A 51.0 | D 54.2 | | | | | |



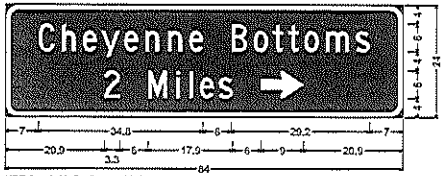

SP; 3.0" Radius, 1.0" Border, White on Green;
[Home of ] C; [Jack Kilby] C;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H 17.7 | o 21.0 | m 24.1 | e 28.4 | o 34.3 | f 37.0 | | | | | | | | | | | | |
| J 9.8 | a 14.4 | c 16.9 | k 23.4 | K 32.1 | i 37.0 | l 39.6 | b 42.5 | y 46.4 | | | | | | | | | |



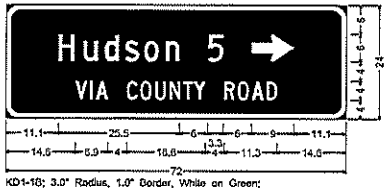

KR8-1;
1.5" Radius, 0.6" Border, 0.4" Indent, Red on White;
[NO] D 2K specified length;
[DRIVING] C 2K 50% spacing;
[ON] D 2K specified length;
[SHOULDER] D 2K specified length;
Table of widths and spaces.

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7.7 | N 3.4 | 1.7 | O 3.5 | 7.7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.8 | D 2.8 | 0.5 | E 2.8 | 0.4 | I 0.7 | 0.4 | V 3.1 | 0.3 | I 0.7 | 0.6 | N 2.8 | 0.5 | C 2.8 | 2.8 | | | | | | | | | | | | | | | |
| 9.6 | O 2.1 | 0.7 | N 2.0 | 0.6 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.0 | S 2.0 | 0.6 | H 2.0 | 0.7 | O 2.1 | 0.7 | U 2.0 | 0.7 | L 1.9 | 0.4 | D 2.1 | 0.6 | E 1.9 | 0.5 | R 2.1 | 1.7 | | | | | | | | | | | | | |




KD7-2L; 3.0" Radius, 1.0" Border, White on Brown;
[Cheyenne Bottoms] C; [2 Miles] C; Standard Arrow Custom 9.0" X 6.0" 0";
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C 7.0 | h 11.9 | e 16.3 | y 20.3 | e 25.1 | n 29.6 | n 34.4 | e 38.9 | B 47.8 | o 52.5 | t 56.5 | t 59.8 | o 63.2 | m 67.8 | s 74.1 | | | |
| 2 20.9 | M 30.2 | i 36.1 | l 38.8 | e 41.2 | s 45.1 | → 54.1 | | | | | | | | | | | |




KD1-1B; 3.0" Radius, 1.0" Border, White on Green;
[Hudson 5] C; Standard Arrow Custom 9.0" X 6.0" 0";
[VIA COUNTY ROAD] C;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H 11.1 | u 16.4 | d 20.8 | s 25.1 | o 29.1 | n 33.7 | S 42.6 | → 51.9 | | | | | | | | | | |
| V 14.6 | I 17.8 | A 19.0 | C 25.5 | O 28.4 | U 31.5 | N 34.5 | T 37.4 | Y 39.8 | R 46.1 | O 49.0 | A 52.0 | D 55.2 | | | | | |

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|
| | | | | |
| | | | | |
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

US-281
Barton & Stafford Counties
Sign Layouts

TE

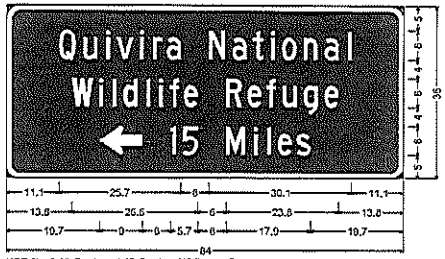
| | | | |
|---|---|---|---|
| FINAL APPROVAL | | APPD. | |
| DESIGNED | DETAILED | DRAWN BY | TRACED |
| DESIGN. CK. | DETAIL. CK. | DESIG. CK. | TRACE. CK. |

KDOT Graphics Certified 12-11-2015 Sh. No. 135

KDOT Graphics Certified

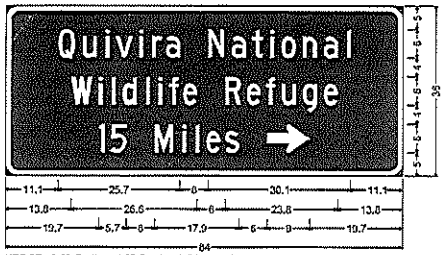
Plotted by: rwilliams Date: 4/6/2016
File:\\Mnsrv\Vm\Projects\KDOT\37832_KA-4114-02_Signing\CaddRoad_Sheets\Ka41140zpst_10.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 136 | 148 |



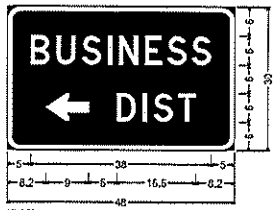

KD7-2L; 3.0" Radius, 1.0" Border, White on Brown;
[Quivira National] C; [Wildlife Refuge] C;
Standard Arrow Custom 9.0" X 6.0" 180°; [15 Miles] C;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Q 11.1 | u 16.2 | i 21.0 | v 23.2 | i 28.1 | r 30.9 | a 33.8 | N 42.8 | a 47.7 | t 52.1 | i 55.9 | e 58.3 | n 62.8 | a 67.3 | i 72.1 | | | |
| W 13.8 | i 19.6 | i 22.3 | d 24.7 | i 29.5 | i 32.2 | i 34.5 | e 37.5 | R 46.4 | e 51.0 | t 55.0 | u 58.4 | a 62.9 | e 67.3 | | | | |
| 1 19.7 | 5 34.7 | M 37.2 | 1 46.4 | 1 52.3 | 1 55.1 | e 57.4 | s 61.4 | | | | | | | | | | |



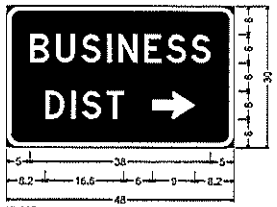

KD7-2R; 3.0" Radius, 1.0" Border, White on Brown;
[Quivira National] C; [Wildlife Refuge] C; [15 Miles] C;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of letter and object lefts.

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Q 11.1 | u 16.2 | i 21.0 | v 23.2 | i 28.1 | r 30.9 | a 33.8 | N 42.8 | a 47.7 | t 52.1 | i 55.9 | e 58.3 | n 62.8 | a 67.3 | i 72.1 | | | |
| W 13.8 | i 19.6 | i 22.3 | d 24.7 | i 29.5 | i 32.2 | i 34.5 | e 37.5 | R 46.4 | e 51.0 | t 55.0 | u 58.4 | a 62.9 | e 67.3 | | | | |
| 1 19.7 | 5 22.2 | M 31.4 | 1 37.3 | 1 40.1 | e 42.4 | s 46.4 | 55.3 | | | | | | | | | | |




KI-29L;
3.0" Radius, 1.0" Border, White on Green;
[BUSINESS] D;
Standard Arrow Custom 9.0" X 6.0" 180°;
[DIST] D;
Table of letter and object lefts.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| B 5.0 | U 10.4 | S 15.8 | I 21.3 | N 23.6 | E 29.1 | S 33.8 | S 39.0 | |
| | D 8.2 | I 23.2 | S 28.6 | T 31.0 | 36.1 | | | |

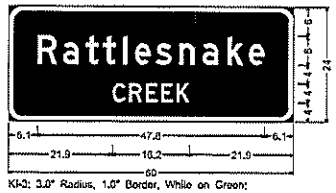



KI-29R;
3.0" Radius, 1.0" Border, White on Green;
[BUSINESS] D; [DIST] D;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of letter and object lefts.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| B 5.0 | U 10.4 | S 15.8 | I 21.3 | N 23.6 | E 29.1 | S 33.8 | S 39.0 | |
| D 8.2 | I 13.6 | S 16.0 | T 21.1 | 30.8 | | | | |

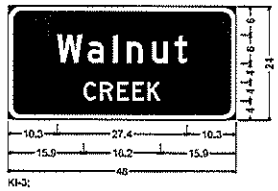
KI-3; 3.0" Radius, 1.0" Border, White on Green;
[Arkansas] D; [RIVER] D;
Table of letter and object lefts.

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| A 11.4 | r 17.8 | k 21.5 | a 26.0 | n 31.3 | s 36.0 | a 40.5 | s 45.3 | |
| R 22.7 | I 26.3 | V 27.7 | E 31.4 | R 34.6 | | | | |



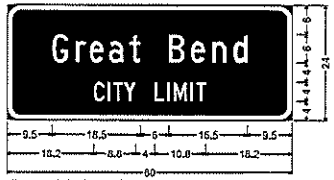

KI-3; 3.0" Radius, 1.0" Border, White on Green;
[Rattlesnake] D; [CREEK] D;
Table of letter and object lefts.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 6.1 | a 11.4 | t 16.2 | t 19.9 | l 24.1 | e 26.6 | s 31.0 | n 35.9 | a 40.8 | k 46.1 | e 50.6 | | |
| C 21.9 | R 25.3 | E 29.0 | E 32.3 | K 35.3 | | | | | | | | |



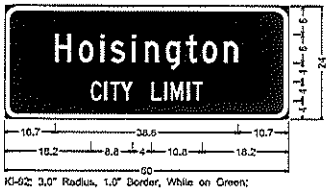

KI-3;
3.0" Radius, 1.0" Border, White on Green;
[Walnut] D; [CREEK] D;
Table of letter and object lefts.

| | | | | | | |
|---|---|---|---|---|---|---|
| W 10.3 | a 16.8 | l 22.1 | n 25.0 | u 30.3 | t 35.0 | |
| C 15.9 | R 19.3 | E 23.0 | E 26.2 | K 29.3 | | |



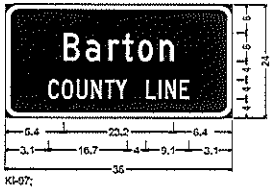

KI-92; 3.0" Radius, 1.0" Border, White on Green;
[Great Bend] C; [CITY LIMIT] C;
Table of letter and object lefts.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G 0.5 | r 14.3 | e 17.3 | a 21.4 | t 25.7 | B 34.0 | e 38.7 | n 43.2 | d 47.6 | | | | |
| C 19.2 | I 21.1 | T 22.3 | Y 24.5 | L 31.0 | I 33.7 | M 35.1 | I 38.6 | T 39.8 | | | | |



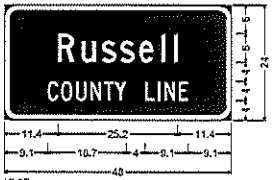

KI-92; 3.0" Radius, 1.0" Border, White on Green;
[Hoisington] C; [CITY LIMIT] C;
Table of letter and object lefts.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| H 10.7 | o 15.7 | i 20.2 | s 22.5 | i 26.9 | n 29.6 | g 34.1 | t 38.4 | o 41.8 | n 46.4 | | | |
| C 18.2 | I 21.1 | T 22.3 | Y 24.5 | L 31.0 | I 33.7 | M 35.1 | I 38.6 | T 39.8 | | | | |




KI-07;
3.0" Radius, 1.0" Border, White on Green;
[Barton] C; [COUNTY LINE] C;
Table of letter and object lefts.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B 6.4 | a 11.0 | r 15.9 | t 18.7 | o 22.1 | n 26.7 | | | | | | | |
| C 3.1 | O 6.0 | U 9.1 | N 12.2 | T 15.0 | Y 17.3 | L 23.8 | I 26.4 | N 27.8 | C 30.9 | | | |




KI-97;
3.0" Radius, 1.0" Border, White on Green;
[Russell] C; [COUNTY LINE] C;
Table of letter and object lefts.

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| R 11.4 | u 16.3 | s 20.6 | s 24.5 | e 28.6 | l 33.0 | l 35.8 | | | | | | |
| C 9.1 | O 12.0 | U 15.1 | N 18.2 | T 21.0 | Y 23.3 | L 29.8 | I 32.4 | N 33.8 | C 36.9 | | | |

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|
| | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

US-281
Barton & Stafford Counties
Sign Layouts

TE

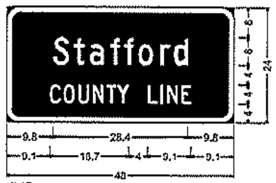
KDOT Graphics Certified 11-25-2015

Sh. No. 136

KDOT Graphics Certified

Plotted by: nwilliams Date: 4/9/2016
File: V:\Plans\Run\Projects\KD0787822_KA-4114-02_Signing\Cadd\Road_Sheets\a411402psl_11.dgn

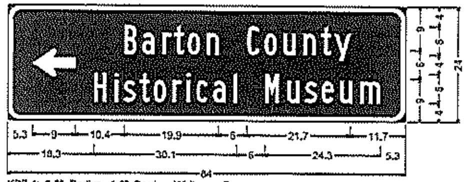
| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 137 | 148 |




KI-07;
3.0" Radius, 1.0" Border, White on Green;
[Stafford] C; [COUNTY LINE] C;
Table of letter and object lefts.

| S | t | a | f | f | o | r | d |
|---|---|---|---|---|---|---|---|
| 9.8 | 14.1 | 17.5 | 21.9 | 24.8 | 27.8 | 32.3 | 35.3 |

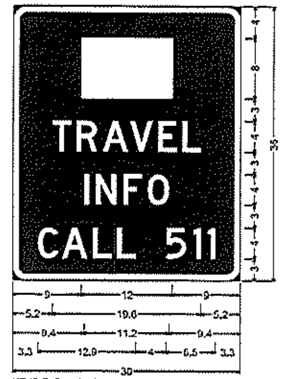
| C | O | U | N | T | Y | L | I | N | E |
|---|---|---|---|---|---|---|---|---|---|
| 9.1 | 12.0 | 15.1 | 18.2 | 21.0 | 23.3 | 29.8 | 32.4 | 33.8 | 36.9 |




KD7-1; 3.0" Radius, 1.0" Border, White on Brown;
Standard Arrow Custom 9.0" X 6.0" 180°; [Barton County] B;
[Historical Museum] B;
Table of letter and object lefts.

| ← | B | a | r | t | o | n | C | o | u | n | t | y |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.3 | 24.7 | 28.4 | 32.6 | 35.1 | 38.1 | 42.0 | 50.6 | 54.3 | 58.2 | 62.4 | 66.2 | 69.0 |

| H | i | s | t | o | r | i | c | a | l | M | u | s | e | u | m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18.3 | 22.6 | 24.8 | 28.0 | 30.9 | 34.9 | 37.8 | 39.9 | 43.5 | 47.7 | 54.4 | 59.1 | 62.9 | 66.3 | 70.2 | 74.4 |



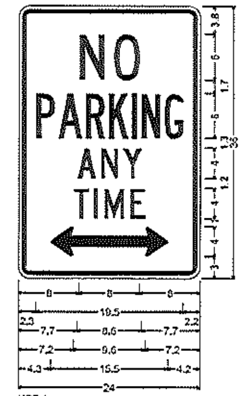

KD12-5 Standard;
1.9" Radius, 0.6" Border, White on Blue;
[TRAVEL] D; [INFO] D; [CALL] D;
[511] D;
Table of distances between letter and object lefts.

| | ■ | |
|---|---|---|
| 9.0 | 12.0 | 9.0 |

| | T | R | A | V | E | L | |
|---|---|---|---|---|---|---|---|
| 5.2 | 3.2 | 3.4 | 3.6 | 3.8 | 3.2 | 2.4 | 5.2 |

| | I | N | F | O | |
|---|---|---|---|---|---|
| 9.4 | 1.6 | 3.6 | 3.2 | 2.8 | 9.4 |

| | C | A | L | L | 5 | 1 | 1 | |
|---|---|---|---|---|---|---|---|---|
| 3.3 | 3.2 | 4.1 | 3.2 | 6.4 | 3.6 | 1.9 | 1.0 | 3.3 |




KR7-1;
1.5" Radius, 0.6" Border, 0.4" Indent, Red on White;
[NO] C;
[PARKING] B specified length;
[ANY] C; [TIME] C;
Double Headed Arrow Custom - 15.6" 0°;
Table of distances between letter and object lefts.

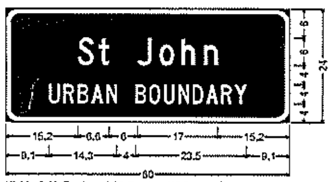
| | N | O | |
|---|---|---|---|
| 8.0 | 4.5 | 3.5 | 8.0 |

| | P | A | R | K | I | N | G | |
|---|---|---|---|---|---|---|---|---|
| 2.3 | 2.9 | 3.6 | 3.1 | 3.0 | 1.3 | 3.0 | 2.6 | 2.2 |

| | A | N | Y | |
|---|---|---|---|---|
| 7.7 | 3.2 | 2.0 | 2.5 | 7.7 |

| | T | I | M | E | |
|---|---|---|---|---|---|
| 7.2 | 2.7 | 1.4 | 3.5 | 2.0 | 7.2 |

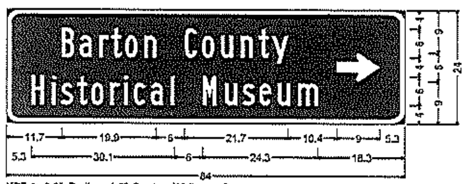
| | ↔ | |
|---|---|---|
| 4.3 | 15.4 | 4.3 |




KI-98; 3.0" Radius, 1.0" Border, White on Green;
[St John] C; [URBAN BOUNDARY] C;
Table of letter and object lefts.

| S | t | J | o | h | n |
|---|---|---|---|---|---|
| 15.2 | 19.5 | 27.8 | 32.5 | 37.0 | 41.0 |

| U | R | B | A | N | B | O | U | N | D | A | R | Y |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9.1 | 12.1 | 15.2 | 18.0 | 21.2 | 27.4 | 30.3 | 33.4 | 36.5 | 39.5 | 42.3 | 45.5 | 48.4 |




KD7-1; 3.0" Radius, 1.0" Border, White on Brown;
[Barton County] B; [Historical Museum] B;
Standard Arrow Custom 9.0" X 6.0" 0°;
Table of letter and object lefts.

| B | a | r | t | o | n | C | o | u | n | t | y | → |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11.7 | 15.4 | 19.6 | 22.1 | 25.1 | 29.0 | 37.6 | 41.3 | 45.2 | 49.4 | 53.2 | 56.0 | 69.7 |

| H | i | s | t | o | r | i | c | a | l | M | u | s | e | u | m |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 5.3 | 9.6 | 11.6 | 15.0 | 17.9 | 21.9 | 24.8 | 26.9 | 30.5 | 34.7 | 41.4 | 46.1 | 49.9 | 53.3 | 57.2 | 61.4 |

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|

KANSAS DEPARTMENT OF TRANSPORTATION

US-281
Barton & Stafford Counties
Sign Layouts

TE

KDOT Graphics Certified 12-11-2015

Sh. No. 137

KDOT Graphics Certified

Plotted by: williams Date: 4/6/2016
File: \\lmsrv\lm\Projects\KDOT87822_KA-4114-02_Signing\Cadd\Road_Sheets\ka411402psl_12.dgn

| STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|
| KANSAS | KA-4114-02 | 2015 | 138 | 148 |

## DETAILED SPECIFICATIONS FOR FLAT SHEET SIGNS

ALL NEW FLAT SHEET SIGN BLANKS SHALL BE OF THE ALUMINUM ALLOY AND THICKNESS SHOWN ON THE FLAT SHEET BLANK DETAIL SHEETS.

FLAT SHEET BLANKS SHALL BE USED FOR SIGNS THAT ARE LESS THAN OR EQUAL TO 7'-0" IN LENGTH AND/OR LESS THAN OR EQUAL TO 4'-0" IN HEIGHT. FLAT SHEET BLANKS SHALL ALSO BE USED FOR SIGNS THAT ARE 4'-0" IN LENGTH AND LESS THAN OR EQUAL TO 8'-0" IN HEIGHT.

THE DESIGN DETAILS FOR SIGNS (COLOR, LETTER HEIGHT, AND LETTER SERIES) SHALL BE AS SHOWN IN THE 'STANDARD HIGHWAY SIGNS' MANUAL (2004 EDITION), UNLESS OTHER DETAILS ARE SHOWN IN THE PLANS.

ALL SIGN FACES WITH BLUE, GREEN, RED, YELLOW, FLUORESCENT YELLOW GREEN, BROWN, OR WHITE BACKGROUND SHALL BE COVERED WITH TYPE IV HIGH INTENSITY RETROREFLECTIVE SHEETING.

THE TYPE OF ADHESIVE USED FOR RETROREFLECTIVE SHEETING OR LETTERING FILM SHALL BE HEAT ACTIVATED OR PRESSURE SENSITIVE.

THE SIGN FACES SHALL BE DIRECT SCREEN PROCESS, REVERSE SCREEN PROCESS, OR DIRECT APPLIED LEGEND.

## DETAILED SPECIFICATIONS FOR STRUCTURAL EXTRUDED PANEL SIGNS

ALL NEW REINFORCED SIGN PANELS SHALL BE OF THE FABRICATION, ALUMINUM ALLOY, AND THICKNESS SHOWN ON THE REINFORCED PANEL DETAIL SHEETS. IF EXTRUSHEET FABRICATED SIGN PANELS ARE USED, THEY SHALL BE OF THE LENGTH, WIDTH AND IN THE POSITION SHOWN. IF EXTRUSHEET FABRICATED PANEL DIMENSIONS ARE NOT SHOWN, A LINE OF LEGEND SHOULD BE PLACED ENTIRELY ON ONE PANEL. IF EXTRUDED FABRICATED SIGN PANELS ARE USED, EITHER 1'-0" OR 6" PANELS SHALL BE USED. THE 1'-0" PANELS SHALL BE USED ONLY AT THE TOP OR BOTTOM OF SIGNS.

REINFORCED PANELS SHALL BE USED FOR SIGNS THAT ARE GREATER THAN 7'-0" IN LENGTH OR GREATER THAN 4'-0" IN HEIGHT.

ALL SIGN FACES SHALL BE COVERED WITH TYPE IV HIGH INTENSITY RETROREFLECTIVE SHEETING.

THE RETROREFLECTIVE SHEETING USED FOR THE DIRECT APPLIED LEGEND, AND DIRECT APPLIED BORDERS SHALL BE TYPE IV HIGH INTENSITY RETROREFLECTIVE SHEETING.

THE TYPE OF ADHESIVE USED FOR RETROREFLECTIVE SHEETING OR LETTERING FILM SHALL BE HEAT ACTIVATED OR PRESSURE SENSITIVE.

LETTERS AND NUMBERS ON REINFORCED PANEL SIGNS ARE MODIFIED SERIES "E" UNLESS OTHERWISE SHOWN.

SPACING TABLE DIMENSIONS ARE IN INCHES.

| NO. | DATE | REVISIONS | BY | APPD |
|---|---|---|---|---|
| 1 | 7/1/03 | Changed Notes and Spacing Table | G.D.O. | D.R. |

KANSAS DEPARTMENT OF TRANSPORTATION

DETAILS SPECIFICATIONS FOR REINFORCED SIGN PANELS AND FLAT SHEET SIGNS

TE590 7/1/03

FHWA APPROVAL 7/31/2003 APPD. LEAVED A. BUTTRE
DESIGNED DIRECTOR OF OPS. DIRECTOR OF OPS. TRAFFIC
DESIGN CO. SUPERVISOR, CO. DESIGNER, CO. TRAFFIC CO.

KDOT Graphics Certified 01-10-2011

Sh. No. 138

KDOT Graphics Certified

Plotted by: rwilliams Date: 4/5/2016
File: \\nsrv\tmi\Projects\KDOT\8822_KA-4114-02_Signing\Cadd\Road_Sheets\te590.dgn