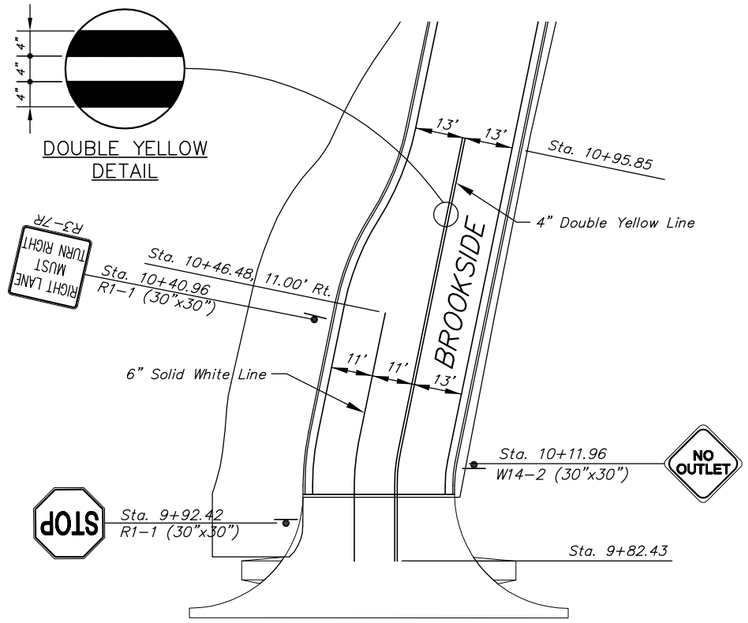
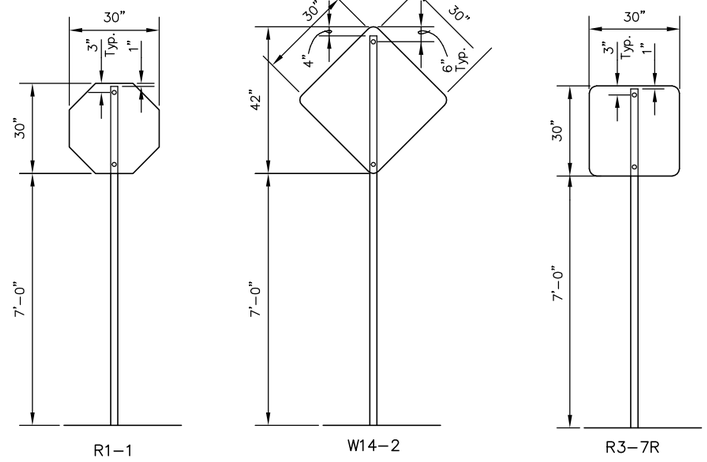


PAVEMENT MARKING AND SIGNING PLAN



SIGN MOUNTING DETAILS

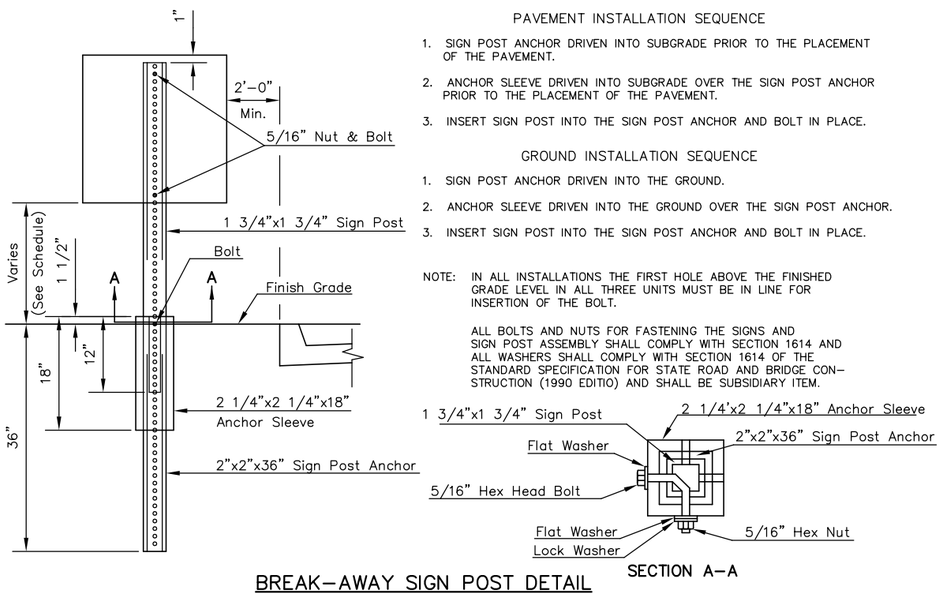
SIGN POST LENGTH SUMMARY	
BREAKAWAY SIGN POST:	
1 3/4"x1 3/4"x LENGTH	EACH
2-1/4"x2-1/4"x18"	*3*
2"x2"x36"	*3*

SUMMARY OF QUANTITIES (FOR INFORMATION ONLY)		
ITEMS	*QUANTITY*	*UNIT*
Pavement Marking (White)(6")	*66.27*	*L.F.*
Pavement Marking (Yellow)(4")	*226.85*	*L.F.*

RECAPITULATION OF MATERIALS		
ITEMS	*TOTAL*	*UNIT*
Sign Face, (High Intensity HA Reflective Sheeting)	*17.68*	*S.F.*
Breakaway Sign Post, 1-3/4" x 1-3/4"	*32.5*	*L.F.*
Breakaway Anchor Sleeve, 2-1/4" x 2-1/4" x 18"	*4.5*	*L.F.*
Breakaway Sign Post Anchor, 2" x 2" x 36"	*9.0*	*L.F.*

RECAPITULATION OF QUANTITIES		
BID ITEM	*QUANTITY*	*UNIT*
Pavement Marking	*Lump Sum*	*L.S.*
Signing	*Lump Sum*	*L.S.*

Pavement Markings – All pavement markings shall be thermoplastic, unless otherwise approved by the Engineer. Pavement markings shall be installed per manufacturer's recommendations and shall meet KDOT's 90M-100-R10 specification (City Standard Specifications). Full traffic may not be restored (and substantial project completion achieved) until all pavement markings are in place. Should construction timing be such that restoration of traffic becomes necessary during temperatures prohibiting the installation of thermoplastic markings, the contractor shall install and maintain temporary markings until such time that thermoplastic markings may be properly installed. Except for the material requirement, temporary pavement markings shall be placed equivalent, in every manner (i.e. dimension, frequency, spacing, etc.), to the permanent marking layout. The cost for temporary pavement markings will not be paid for directly, but shall be considered subsidiary to the bid item for "Pavement Markings".



BREAK-AWAY SIGN POST DETAIL

PAVEMENT INSTALLATION SEQUENCE

1. SIGN POST ANCHOR DRIVEN INTO SUBGRADE PRIOR TO THE PLACEMENT OF THE PAVEMENT.
2. ANCHOR SLEEVE DRIVEN INTO SUBGRADE OVER THE SIGN POST ANCHOR PRIOR TO THE PLACEMENT OF THE PAVEMENT.
3. INSERT SIGN POST INTO THE SIGN POST ANCHOR AND BOLT IN PLACE.

GROUND INSTALLATION SEQUENCE

1. SIGN POST ANCHOR DRIVEN INTO THE GROUND.
2. ANCHOR SLEEVE DRIVEN INTO THE GROUND OVER THE SIGN POST ANCHOR.
3. INSERT SIGN POST INTO THE SIGN POST ANCHOR AND BOLT IN PLACE.

NOTE: IN ALL INSTALLATIONS THE FIRST HOLE ABOVE THE FINISHED GRADE LEVEL IN ALL THREE UNITS MUST BE IN LINE FOR INSERTION OF THE BOLT.

ALL BOLTS AND NUTS FOR FASTENING THE SIGNS AND SIGN POST ASSEMBLY SHALL COMPLY WITH SECTION 1614 AND ALL WASHERS SHALL COMPLY WITH SECTION 1614 OF THE STANDARD SPECIFICATION FOR STATE ROAD AND BRIDGE CONSTRUCTION (1990 EDITIO) AND SHALL BE SUBSIDIARY ITEM.

SIGN DESCRIPTION

CLASSIFICATION	TYPE	SIZE	AREA
R1-1	STOP SIGN	30"x30"	5.18 SQ. FT.
R3-7R	RT. LANE MUST TURN RT.	30"x30"	6.25 SQ. FT.
W14-2	NO OUTLET	30"x30"	6.25 SQ. FT.

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MKEC ENGINEERING CONSULTANTS
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

BROOKSIDE PARKWAY PAVING IMPROVEMENTS
PROJECT NAME

SIGNING AND STRIPING PLAN AND DETAILS
SHEET TITLE

JRA	JSB	JRA
DESIGN BY:	DRAWN BY:	CHECKED BY:
JAN. 2007	06656	18 / 23
DATE	JOB NO.	SHEET/OF