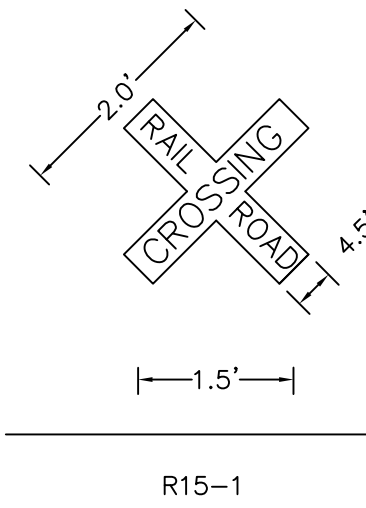
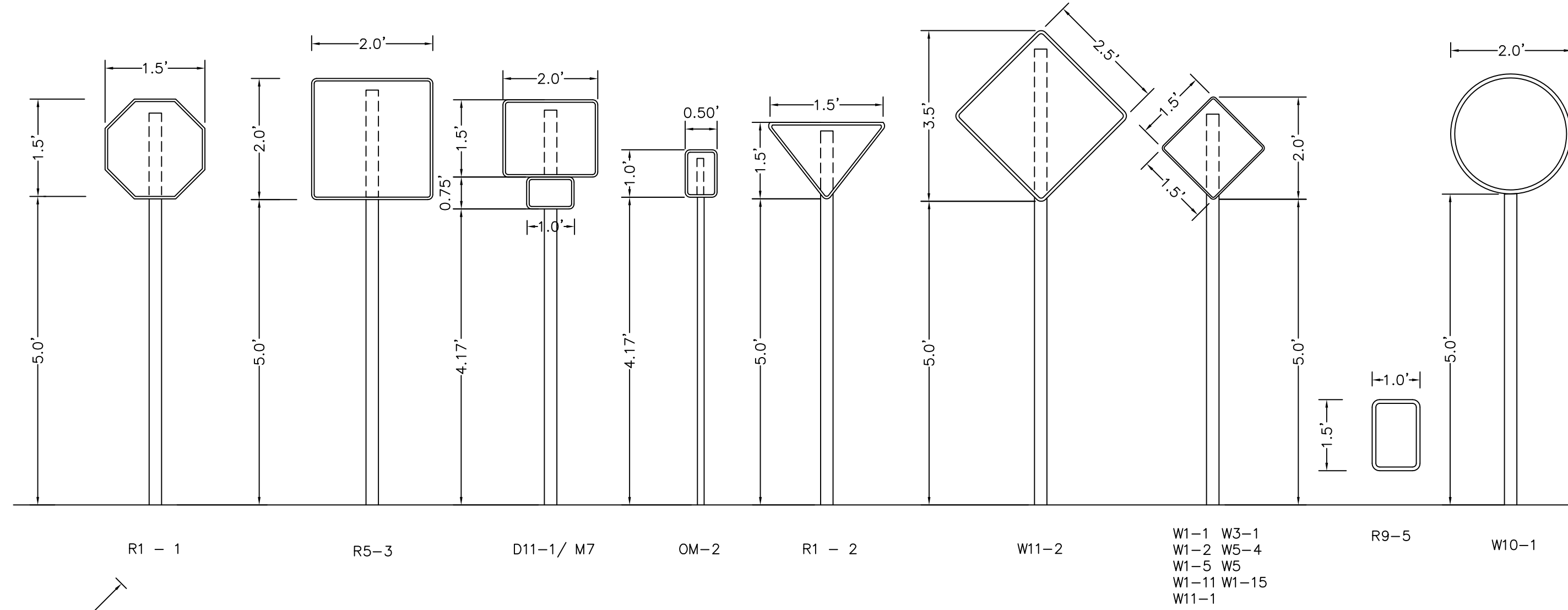


FHWA REG. NO.	STATE	PROJECT NO.:	YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	0282-01	2011	105	112

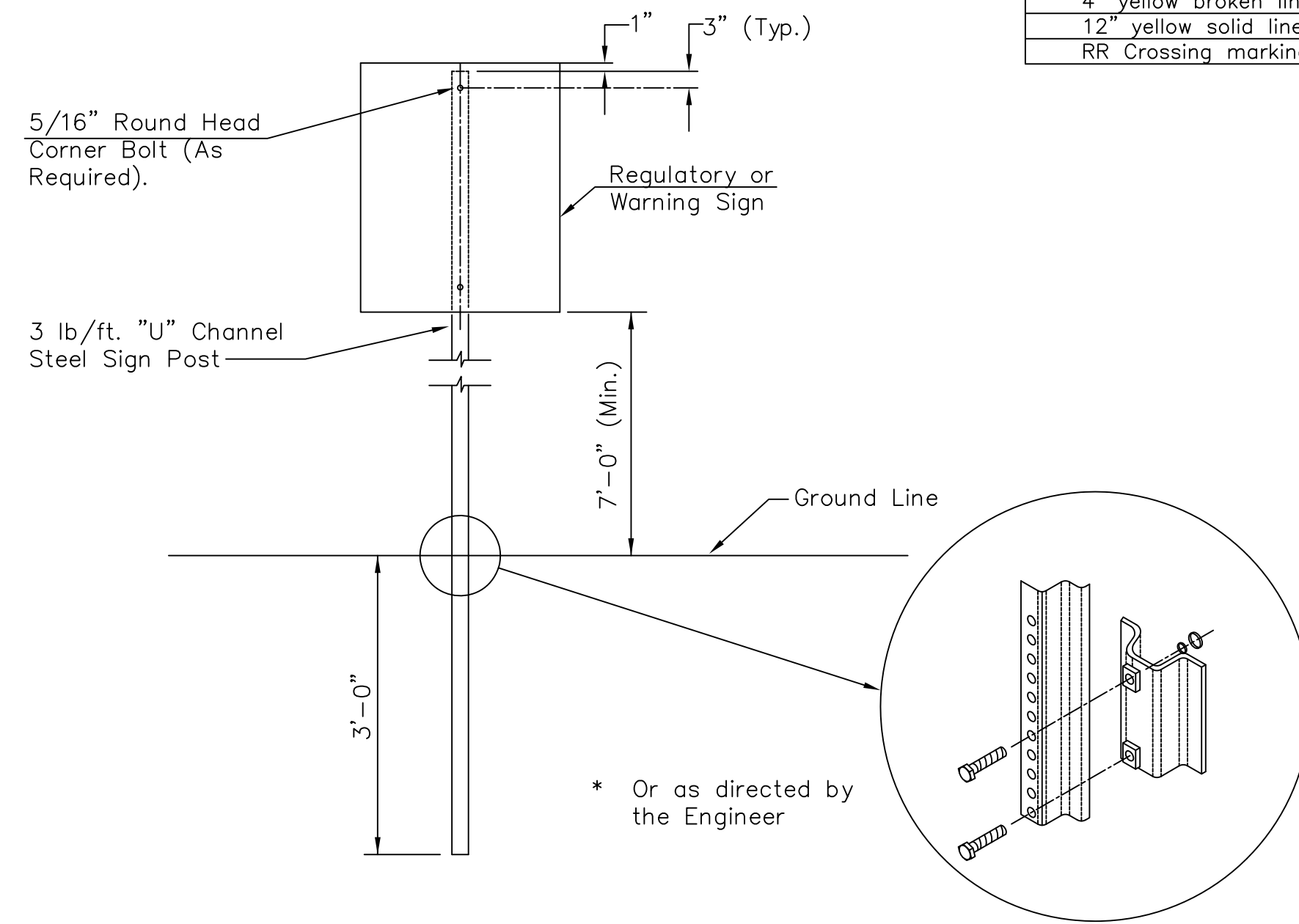
NOTE: All Sign faces to clear edge of paved path by 3' except OM-2(2.0') R5-3/D11-1 to face the vehicular traffic.



BIKE SIGN MOUNTING DETAILS

BIKE PATH SIGNAGE QUANTITIES				
STATION	Location	SIGN	QUANTITY	SIGN/DESCRIPTION
10+20.00	Rt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
40+20.00	Rt	W5	1	Caution! Bridge ahead
42+61.00	Lt	W5	1	Caution! Bridge ahead
103+5.60	Rt	R1-1	1	STOP
103+09.00	Lt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
103+39.00	Rt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
103+45.60	Lt	R1-1	1	STOP
700+81.80	Rt	R1-1	1	STOP
700+81.80	Lt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
139+66.70	Rt	R1-1	1	STOP
140+00.00	Lt	R1-1	1	STOP
147+84.00	Rt	R1-1	1	STOP
147+86.00	Lt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
600+06.60	Lt	R1-1	1	STOP
600+05.00	Rt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
612+74.00	Lt	R1-1	1	STOP
612+74.00	Rt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
613+05.00	Lt	R1-1	1	STOP
613+04.00	Rt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
205+27.00	Lt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
205+30.50	Rt	R1-1	1	STOP
205+77.00	Rt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
205+85.00	Lt	R1-1	1	STOP
209+36.80	Rt	W10-1	1	Railroad Crossing, See Sheet 102
210+00.00	Rt	W5	1	Highway Crossing ahead
211+50.00	Rt	R9-5	1	Use Pedestrian Signal
211+60.00	Lt	W10-1	1	Railroad Crossing, See Sheet 102
211+61.00	Lt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
214+10.00	Rt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
214+36.00	Lt	R9-5	1	Use Pedestrian Signal
215+50.00	Lt	W5	1	Highway Crossing ahead
220+10.00	Rt	W10-1	1	Railroad Crossing ahead
221+08.30	Rt	R1-1	1	STOP
221+11.30	Rt	R15-1	1	Cross-Buck Sign for railroad crossing
221+32.00	Rt	R15-1	1	Cross-Buck Sign for railroad crossing
221+35.00	Lt	R1-1	1	STOP
222+50.00	Rt	W10-1	1	Railroad Crossing ahead
231+34.80	Rt	R1-1	1	STOP
232+33.00	Lt	R1-1	1	STOP
237+44.50	Rt	R1-1	1	STOP
237+48.00	Lt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
239+25.30	Lt	R1-1	1	STOP
239+37.70	Rt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
241+68.00	Rt	R1-1	1	STOP
242+02.00	Lt	R1-1	1	STOP
268+67.00	Rt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
400+40.00	Rt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
406+28.70	Rt	R1-1	1	STOP
406+33.00	Lt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
406+69.00	Rt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
406+71.60	Lt	R1-1	1	STOP
407+24.70	Rt	R1-1	1	STOP
407+61.20	Lt	R1-1	1	STOP
410+81.10	Rt	R1-1	1	STOP
411+22.60	Lt	R1-1	1	STOP
421+57.20	Lt	R5-3 D11-1	1 EA	No motor vehicles, Bike Route
421+64.60	Rt	R1-1	1	STOP
147+83.63-600+06.63	W11-1 W16-2		2 EA	Bike XING, See Sheet 102
205+30.40-205+85.00	W11-1 W16-2		1 EA	Bike XING, See Sheet 102
209+90.00-214+50.00	W11-1 W16-2		4 EA	Bike XING, See Sheet 103
235+70.00-239+22.70	W11-1 W16-2		2 EA	Bike XING, See Sheet 104
406+34.63-406+79.75	W11-1 W16-2		3 EA	Bike XING, See Sheet 104

BIKE PATH PAVEMENT MARKING QUANTITIES			
ITEM	QUANTITY	UNITS	REMARKS
6" white broken line	590	LF	Turnpike Drive
6" white solid line	2225	LF	Turnpike Drive
12" white solid line	20	LF	Railroad Crossing(Sh-102)
16" white solid line	650	LF	Refer Sheet 102 to 104
24" white solid line	213	LF	Refer Sheet 102 to 104
4" yellow solid line	3492	LF	Turnpike Drive
4" yellow broken line	160	LF	Undder 1-135 Bridge (Refer Sh-7)
12" yellow solid line	132	LF	Turnpike Drive (diagonal lines)
RR Crossing marking	2	EA	Refer Sh-102



TYPICAL TRAFFIC CONTROL SIGN MOUNTING INSTALLATION

NOTE: REFERENCES BELOW TO "STANDARD SPECIFICATIONS" DENOTE "STANDARD SPECIFICATION FOR STATE ROAD AND BRIDGE CONSTRUCTION EDITION 1990" BY THE KANSAS DEPARTMENT OF TRANSPORTATION.

- POST ANCHORS: POSTS SHALL BE ANCHORED WITH A YIELDING BASE POST SUPPORT AS DETAILED.
- POSTS FOR TRAFFIC CONTROL SIGNS: POSTS SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1620 OF THE STANDARD SPECIFICATIONS EXCEPT THAT ALL POSTS SHALL WEIGH 3 LBS./FOOT MINIMUM.
- POSTS FOR STREET NAME SIGNS (SNS): POSTS SHALL BE 9 FEET LONG, CONSTRUCTED FROM 2 3/8" O.D. GALVANIZED STEEL PIPE WEIGHING A MINIMUM OF 3 LBS./FOOT. POSTS SHALL BE POSITIONED SO THAT THE BOTTOM BLADE IS 7 FEET ABOVE GRADE.
- POSTS FOR END OF ROADWAY SIGN TO BE 8' LONG AND INSTALLED A MINIMUM OF 4' FROM ROADWAY TO BOTTOM OF SIGN.
- SIGN BLANKS FOR TRAFFIC CONTROL SIGNS: SIGN BLANKS SHALL BE FABRICATED FROM 0.080" ALUMINUM ALLOY 6063-T6 CONFORMING TO THE REQUIREMENTS OF SUBSECTION 1626 OF THE STANDARD SPECIFICATIONS.
- SIGN BLADES FOR STREET NAME SIGNS: EXTRUDED ALUMINUM BLADES SHALL BE ALUMINUM ALLOY CONFORMING TO 6063-T6 OR 5052-H38 (ASTM SPECIFICATION B221, LATEST ISSUE). BLADES SHALL HAVE AN ALODINE OR PHOSPHATE ETCHED FINISH. BLADES SHALL HAVE SQUARE CORNERS AND NO HOLES.  
MINIMUM BLADE LENGTH SHALL BE 24". MAXIMUM BLADE LENGTH SHALL BE 48". LENGTH VARIES BY INCREMENTS OF 6".  
BLADES BEARING THE STREET NAMES SHALL BE FIRMLY ATTACHED TO THE MOUNTING BRACKETS USING ALLEN-TYPE SET SCREWS. THE BLADES SHALL BE ORIENTED PARALLEL TO THE STREET.
- MOUNTING BRACKETS FOR SIGNS: DIE-CAST ALUMINUM BRACKETS SHALL BE ALUMINUM ALLOY 360 HAVING A TENSILE STRENGTH OF 44,000 PSI. THE BRACKETS SHALL BE SMOOTHLY FINISHED FREE OF PITS, BURRS, AND FLAWS. EACH BRACKET SHALL BE TAPPED AND DRILLED FOR 5/16" ZINC-PLATED ALLEN-TYPE SET SCREWS HAVING SELF-LOCKING SAW-TOOTH ENDS.
- FASTENERS: ALL STEEL FASTENERS FOR TRAFFIC CONTROL SIGNS SHALL BE GALVANIZED AND SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 1614 OF THE STANDARD SPECIFICATIONS.
- REFLECTIVE SHEETING: REFLECTIVE SHEETING SHALL BE TYPE II - HIGH PERFORMANCE CLASS HA IN ACCORDANCE WITH SUBSECTION 2201 OF THE STANDARD SPECIFICATIONS.
- PROCESS INK: ALL PROCESS INK SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 2202 OF THE STANDARD SPECIFICATIONS.
- DETAILS: REGULATORY AND WARNING SIGNS SHALL CONFORM TO THE DETAILS IN "STANDARD HIGHWAY SIGNS", FHWA, 1979.
- DETAILS - SNS: THE REFLECTIVE SHEETING FOR THE 6 3/4" STANDARD SIZE SNS IS TO BE THE HIGHWAY GREEN BACKGROUND WITH SILVER-WHITE #2 COPY WITH 4" UPPER CASE AND LOWER CASE PRIMARY COPY AND SUFFIX COPY. BOTH SERIES "C". FACES TO TRIM TO A 6 1/4". (SEE DETAIL A.)  
THE REFLECTIVE SHEETING FOR THE 9" METRO SIZE SNS IS TO BE THE HIGHWAY GREEN BACKGROUND WITH SILVERWHITE #2 COPY WITH 5" UPPER CASE AND LOWER CASE PRIMARY COPY AND SUFFIX COPY, BOTH SERIES "C". THE CARDINAL DIRECTION CENTERED DIRECTLY BELOW THE BLOCK NUMBER SHALL BE AN UPPER CASE, 4" SERIES "C" LETTER. FACES TO TRIM TO A 8 1/2" WIDTH. (SEE DETAIL B.)  
FOR CUL-DE-SAC STREETS, A 9" METRO SIZE BLADE SHALL BE USED WITH THE HOUSE NUMBERS DISPLAYED BENEATH THE STREET NAME. LETTERING TO BE THE SAME AS FOR THE 6 3/4" SIZE BLADE, EXCEPT THAT THE HOUSE NUMBER INFORMATION SHALL BE 4" SERIES "C".  
SHOP DRAWINGS OF LAYOUT FOR SNS SHALL BE SUBMITTED TO THE TRAFFIC ENGINEERING DIVISION OF THE CITY OF WICHITA FOR APPROVAL PRIOR TO FABRICATION. THE FINISHED SIGNS AS SUPPLIED SHALL BE OF GOOD APPEARANCE, FREE FROM RAGGED EDGES, CRACKS, SCALES OR BLISTERS AND SHALL BE CLEAN-CUT. SIGNS SHALL BE PACKED IN SUCH MANNER AS TO PREVENT DAMAGE OR DEFACEMENT DURING SHIPMENT OR STORAGE.
- PERMANENT TRAFFIC CONTROL AND SNS: PERMANENT TRAFFIC CONTROL AND SNS SHALL BE MEASURED AND PAID FOR AT THE LUMP SUM PRICE FOR SIGNING. THE PAYMENT AS SET FORTH ABOVE SHALL BE CONSIDERED FULL COMPENSATION FOR ALL EXCAVATION, BACKFILLING, POSTS, ANCHORS, FASTENERS, MATERIALS, LABOR, TOOLS AND INCIDENTALS NECESSARY TO COMPLETE THIS WORK.



City of Wichita Bike Path Expansion  
Signage Quantities  
Wichita, Kansas

KEM NO. 05168	FILE signage
DESIGN KM	DRAWN GP
DATE 08/2011	REVISED
PROJECT NUMBER 472-84932	
PROJECT NUMBER OCA# 707030	
SHEET 105 OF 112	