

PLOTTED: Tuesday, April 05, 2016 @ 11:14 AM
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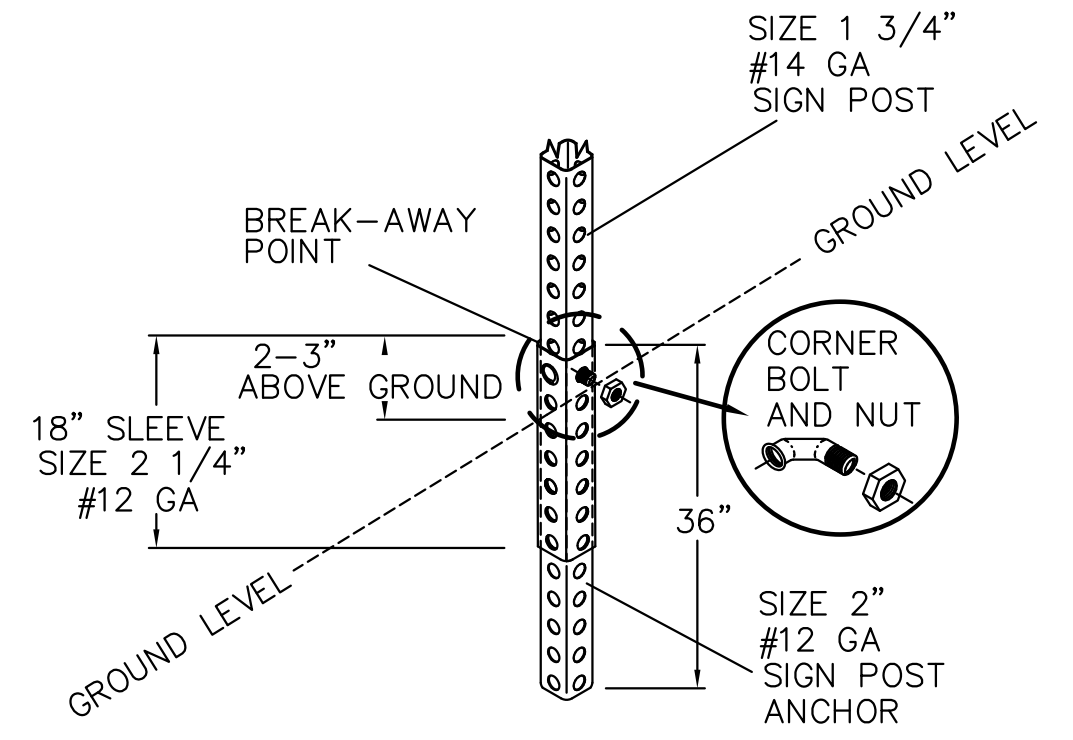
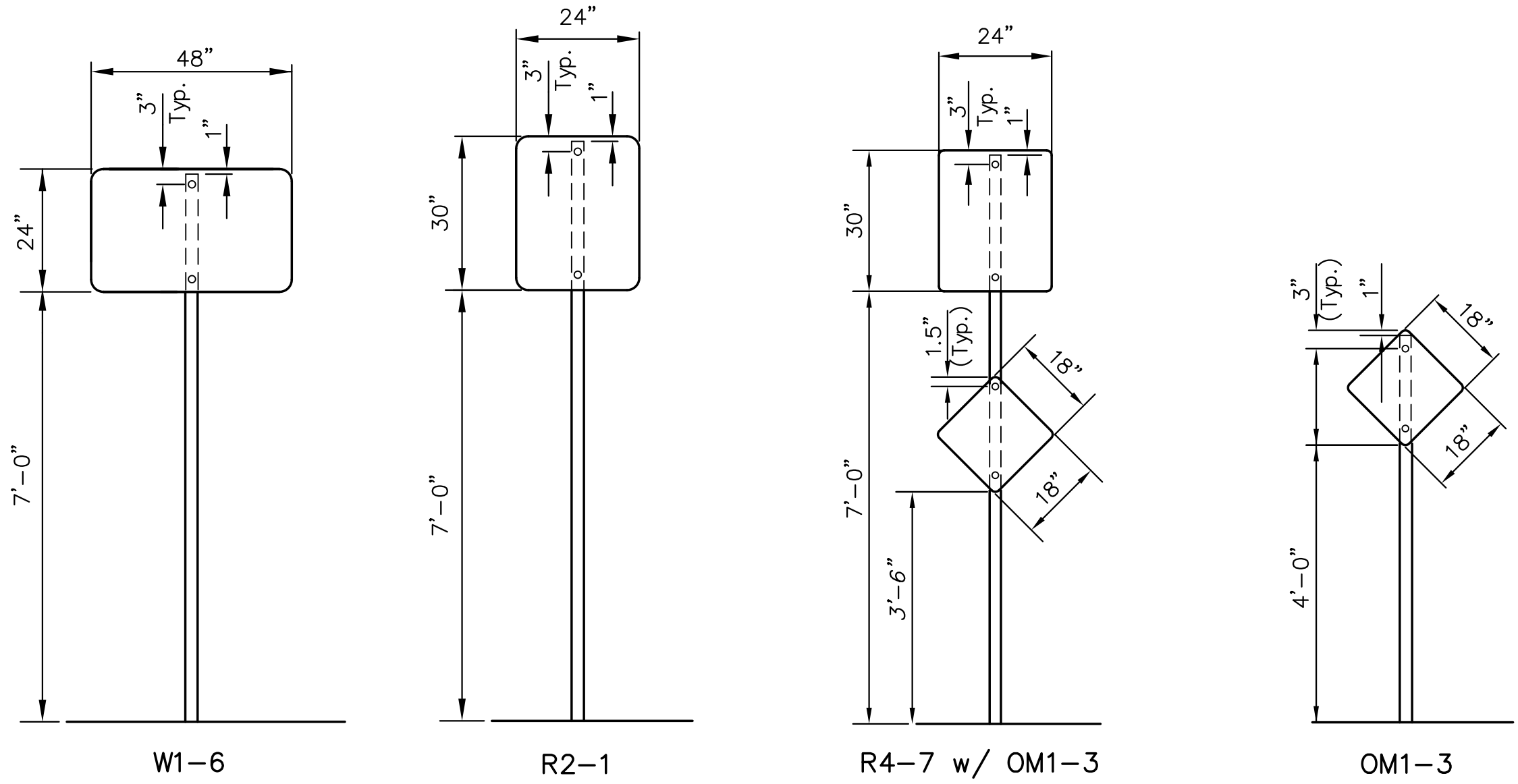
TRAFFIC CONTROL SIGNS & SIGN POST																	
Station	Location from C	Classification - Each										Sign Post Length					
		R4-7	OM1-3	R8-3	R2-1	①	W1-6R	W1-6L					Breakaway 1-3/4"x1-3/4"	"U"-Channel			
PAWNEE																	
17+23	RT.	1	1										10.5'				
17+33	LT.			1		1							10.5'				
17+82	RT.												10.5'				
18+90	RT.			1		1							10.0'				
22+15	LT.									1			10.0'				
22+47	LT.												10.0'				
23+08	RT.		1										7.0'				
Total		1	2	2	1	2	1	1					48.0'				

GENERAL NOTES

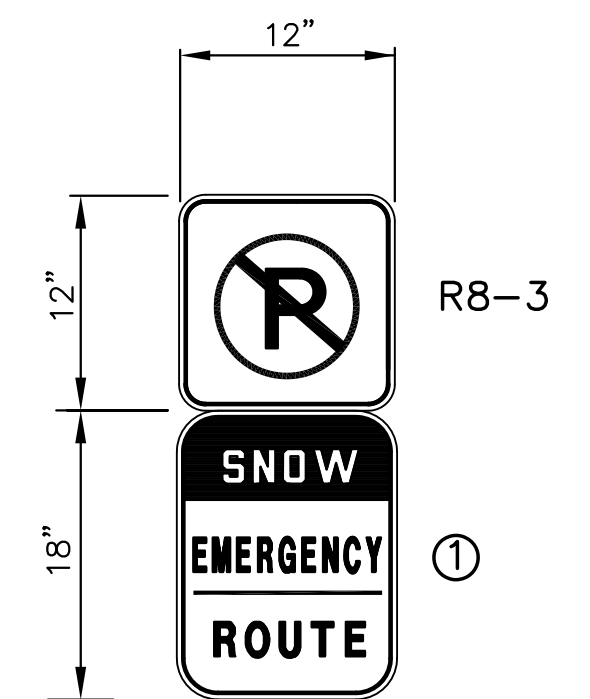
- NOTE: REFERENCES BELOW TO "STANDARD SPECIFICATIONS" DENOTE "STANDARD SPECIFICATION FOR STATE ROAD AND BRIDGE CONSTRUCTION EDITION 1990" BY THE KANSAS DEPARTMENT OF TRANSPORTATION.
- * IN NO CASE SHALL THE SPECIFICATIONS BE LESS THAN REQUIRED BY THE CURRENT MUTCD.
- POST ANCHORS: POSTS SHALL BE ANCHORED WITH A YIELDING BASE POST SUPPORT AS DETAILED.
 - POSTS FOR TRAFFIC CONTROL SIGNS: POSTS SHALL BE GALVANIZED AND CONFORM TO THE REQUIREMENTS OF SUBSECTION 1620 OF THE STANDARD SPECIFICATIONS, EXCEPT THAT ALL POSTS SHALL WEIGH 3 LBS./FT. MINIMUM.
 - 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.
 - 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 A MINIMUM OF HIGH INTENSITY PRISMATIC.
 - PROCESS INK: ALL PROCESS INK SHALL CONFORM TO THE REQUIREMENTS OF SUBSECTION 2202 OF THE STANDARD SPECIFICATIONS.
 - FABRICATION AND INSTALLATION OF ALL SIGNS SHALL CONFORM TO THE LATEST ADDITION OF THE MUTCD.
 - 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 THE WORK.



PAWNEE AVENUE BRIDGE OVER ARKANSAS RIVER BRIDGE REHABILITATION IMPROVEMENTS



SIGN POST ANCHOR SYSTEM

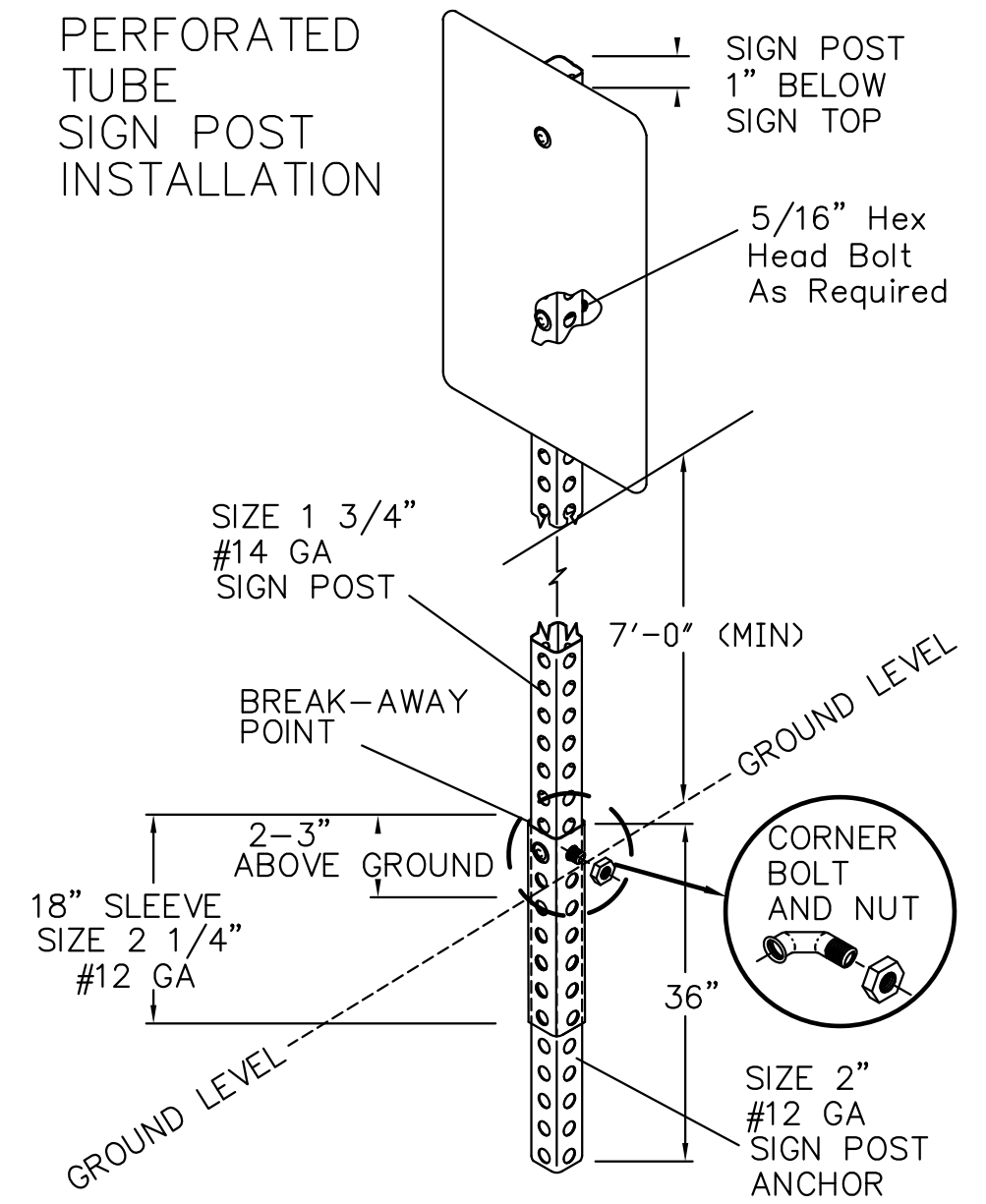


SIGN MOUNTED ON LIGHT POLE

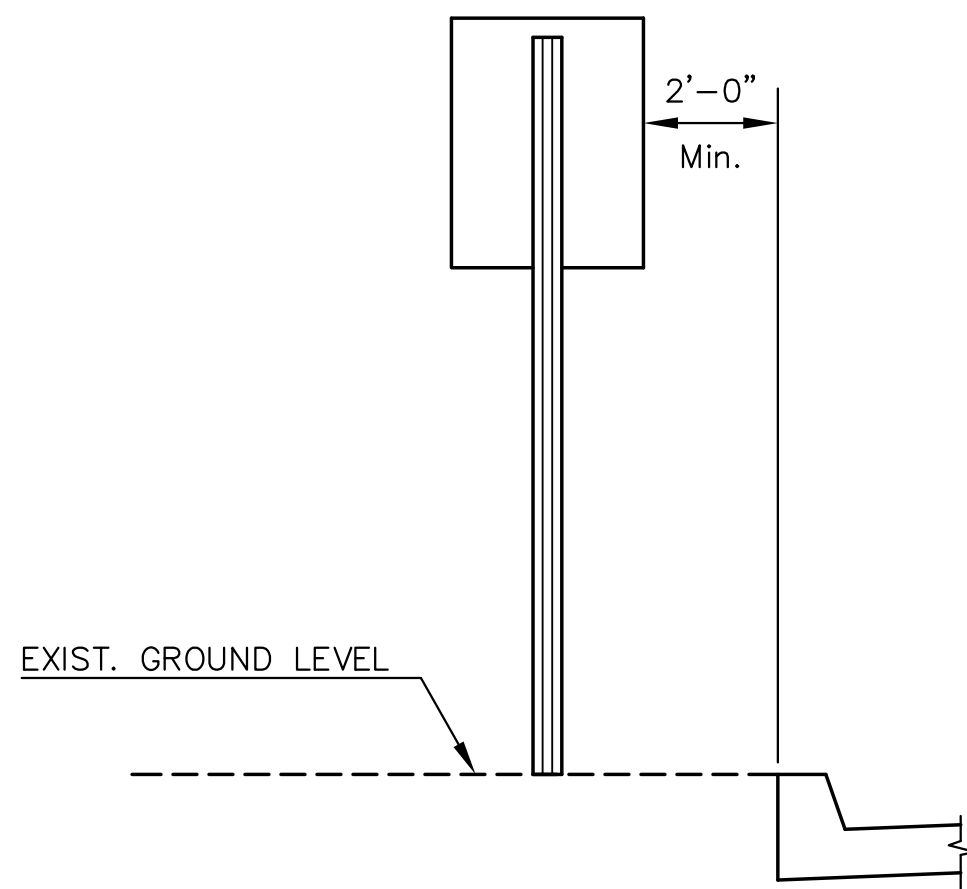
Remove exist. snow route/no parking signs currently mounted on light poles and replace with new signs on new light poles as directed by the Engineer.

SIGN DESCRIPTION

CLASSIFICATION	TYPE	SIZE	AREA
W1-6L	ARROW LEFT	48"x24"	8.00 SQ. FT.
W1-6R	ARROW RIGHT	48"x24"	8.00 SQ. FT.
R2-1	SPEED LIMIT	24"x30"	5.00 SQ. FT.
R8-3	NO PARKING	12"x12"	1.00 SQ. FT.
OM1-3	OM1-3	18"x18"	2.25 SQ. FT.
R4-7	KEEP RIGHT	24"x30"	5.00 SQ. FT.
①	SNOW ROUTE	12"x18"	1.50 SQ. FT.



TYPICAL TRAFFIC CONTROL SIGN MOUNTING INSTALLATION



SIGN INSTALLATION CURBED STREET

If sign is to be installed adjacent to a non-curb street, adjustments may need to be made to sign height and location as directed by the Engineer.

Signs in medians shall be centered within the median.

SIGN POST LENGTH SUMMARY

BREAKAWAY SIGN POST:	
1 3/4"x1 3/4" x LENGTH	EACH
7.0'	1
10.0'	2
10.5'	2
11'	
2-1/4"x2-1/4"x18"	5
2"x2"x36"	5
U-CHANNEL	
LENGTH	EACH
STUBS 3'	
POSTS 8.5'	
POSTS 9'	
POSTS 9-1/2'	
POSTS 11'	

RECAPITULATION OF MATERIALS

ITEMS	TOTAL	UNIT
Sign Face, (High Intensity HA Reflective Sheeting)	35.5	S.F.
Steel "U" Channel Sign Post		L.F.
Breakaway Sign Post, 1-3/4" x 1-3/4"	48.0	L.F.
Breakaway Anchor Sleeve, 2-1/4" x 2-1/4" x 18"	7.5	L.F.
Breakaway Sign Post Anchor, 2" x 2" x 36"	15.0	L.F.

RECAPITULATION OF QUANTITIES

BID ITEMS	TOTAL	UNIT
Signing	1	L.S.

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TRAFFIC SIGN DETAILS

PROJECT NO.	472-84922	
DATE	04/05/2016	
SCALE	NONE	
DESIGNED	DRAWN	CHECKED
JRA	DPG	JRA
NO.	REVISION	DATE