

A	B	C	D	E	F	G	H	J
12	9	0.375	0.375	1.438	0.094	2.875	0.781	0.875
18	12	0.375	0.438	2.156	0.141	4.313	1.172	1.313
24	18	0.375	0.625	2.875	0.188	5.75	1.563	1.75
36	24	0.375	0.625	4.313	0.281	8.625	2.344	2.625

K	L	M	N	P	Q	R	S	T
130°	0.51	40°	0.5	2.438	0.688	1.125	0.969	1
130°	0.765	40°	0.75	3.656	1.031	1.688	1.453	1.5
130°	1.02	40°	1	4.875	1.375	2.25	1.939	1.5
130°	1.529	40°	1.5	7.313	2.063	3.375	2.906	1.5

ALL DIMENSIONS ARE IN INCHES



**COLORS:**

LEGEND & BORDER - BLACK (NON-REFL)  
 BACKGROUND - WHITE OR ORANGE (REFL)

ARIZONA DEPARTMENT OF TRANSPORTATION  
 TRAFFIC ENGINEERING GROUP

DRAWN:

R. C. MOEUR

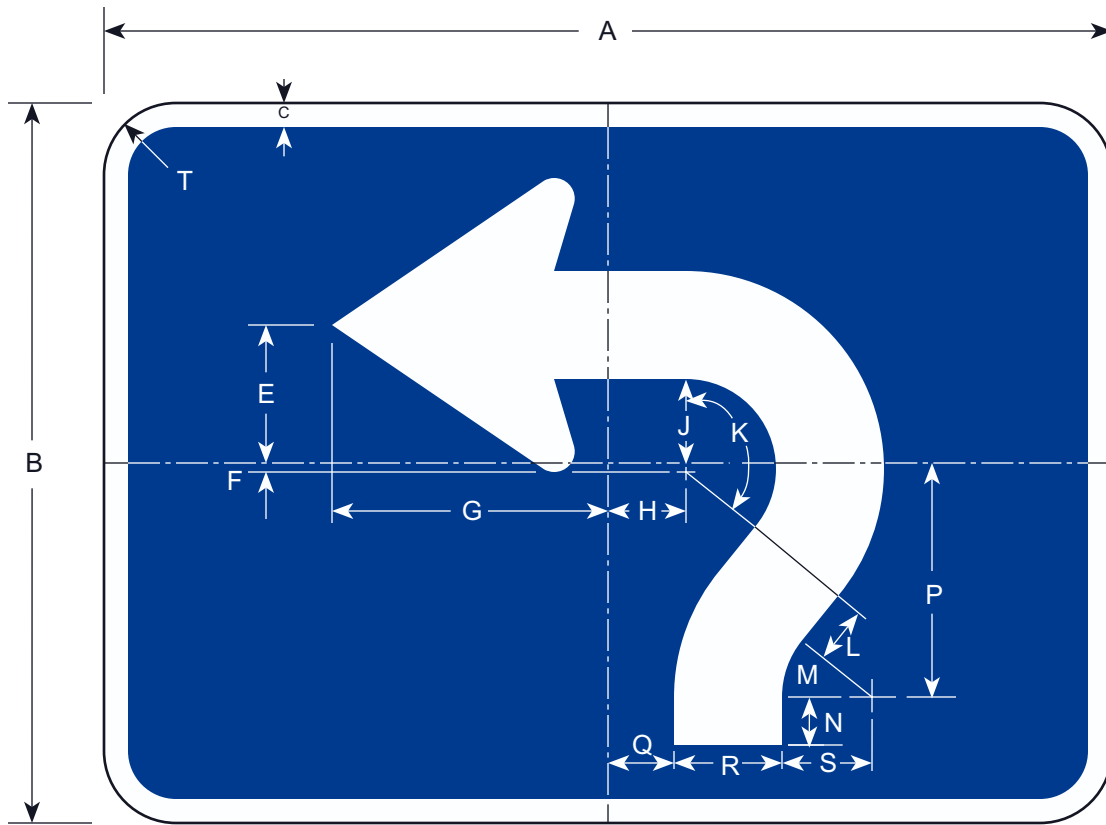
DATE:

DECEMBER / 2015

APPROVED:

SIGNATURE ON FILE

CODE: M5-3



A	B	C	D	E	F	G	H	J
12	9	0.375	-	1.438	0.094	2.875	0.781	0.875
18	12	0.375	-	2.156	0.141	4.313	1.172	1.313
24	18	0.375	-	2.875	0.188	5.75	1.563	1.75
36	24	0.375	-	4.313	0.281	8.625	2.344	2.625
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130°	1.529	40°	1.5	7.313	2.063	3.375	2.906	1.5

ALL DIMENSIONS ARE IN INCHES



**COLORS:**

LEGEND & BORDER - WHITE (REFL)  
BACKGROUND - BLUE, GREEN, OR BROWN (REFL)

ARIZONA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING GROUP

DRAWN:

R. C. MOEUR

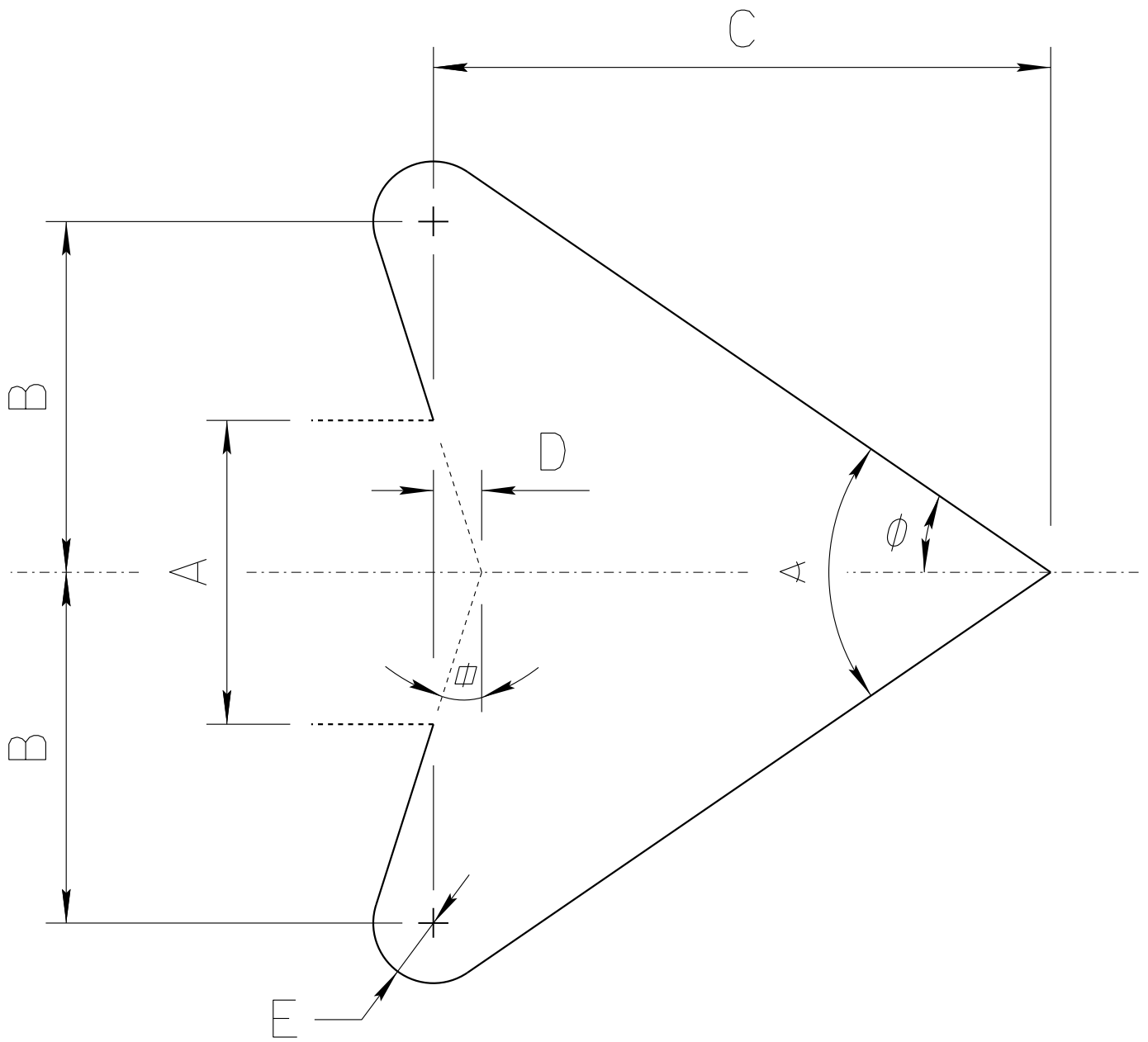
DATE:

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# ADOT STANDARD ARROW HEAD DETAILS



$A = \text{Arrow Shaft Stroke Width}$

$B = 1.15 \times A$

$C = 2.025 \times A$

$D = 0.16169 \times A$

$E = 0.2 \times A$

$\alpha = 17.92^\circ$

$\phi = 34.519^\circ$

$\alpha = 69.038^\circ$

ARIZONA DEPARTMENT OF TRANSPORTATION  
TRAFFIC ENGINEERING GROUP

DRAWN:

L. LOPEZ

DATE:

AUGUST/2019