



DISTANCE TABLE

POSTED SPEED	D	D/4	D/8	A
20 mph	225'	55'	30'	70'
25 mph	325'	80'	40'	102.5'
30 mph	460'	115'	50'	147.5'
35 mph	565'	140'	70'	177.5'
40 mph	670'	165'	85'	210'
45 mph	775'	190'	95'	245'
50 mph	885'	220'	110'	277.5'
55 mph	990'	245'	125''	310'
60 mph	1100'	275'	135''	245'
65 mph	1200'	300'	150'	275'
70 mph	1250'	310'	155'	292.5'
75 mph	1350'	335'	170'	322.5'
80 mph	1450'	360'	180'	355'

LENGTH OF TRANSITION (TAPER LENGTH)  
 $L = WS$  (45MPH OR GREATER)  
 $L = \frac{WS^2}{60}$  (40MPH OR LESS)  
 L = TAPER LENGTH IN FEET  
 W = OFFSET DISTANCE IN FEET ( $W_2 - W_1$ )  
 S = POSTED SPEED IN M.P.H.

\* RECOMMENDED

NOTE:  
DRAWING NOT TO SCALE

REVISIONS			
NO.	DATE	BY	DESCRIPTION

DESIGNED  
 DESIGN CHECKED  
 DETAILED  
 DRAWING CHECKED

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY  
 CADD FILE NAME lane\_drop\_arrow.dgn  
 DRAWING DATE:

**IDAHO TRANSPORTATION DEPARTMENT**



DISTRICT NINE TRAFFIC

PROJECT NO.

TRAFFIC DETAIL  
 LANE REDUCTION  
 ARROW  
 PLACEMENT

**English**  
 COUNTY  
 KEY NUMBER  
 SHEET OF

NOT APPROVED  
 PRELIMINARY FOR CONSTRUCTION