



1. THE SIZE OF SIGNS 1 THRU 4 SHALL BE 48" X 48" IF THE NORMAL POSTED SPEED LIMIT IS 45 MPH OR GREATER. OTHERWISE, 36" X 36" SIGNS MAY BE USED. SIGN NO. 6 SHALL BE 48" X 24" IF THE NORMAL POSTED SPEED LIMIT IS 45 MPH OR GREATER, OTHERWISE 36" X 18" SIGNS MAY BE USED.
2. TEMPORARY TRAFFIC SIGNALS SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH THE PROVISIONS OF PART 4 OF THE MUTCD.
3. ALL SHOULDER MOUNTED SIGNAL HEADS SHALL BE A MINIMUM HEIGHT OF 12 FEET. ANY SIGNAL HEADS OR OTHER DEVICES MOUNTED OVER THE ROADWAY SHALL HAVE A MINIMUM UNDERCLEARANCE OF 17 FEET.
4. ALL CONFLICTING PAVEMENT MARKINGS BETWEEN THE STOP BARS SHALL BE OBLITERATED BY AN APPROVED METHOD.
5. "NO PASSING" ZONES (500' MIN.) SHALL BE INSTALLED ON THE APPROACHES TO THE CLOSURE.
6. STOP BARS SHALL HAVE A WIDTH OF 24".
7. TAPERS SHALL BE 50' (MIN) TO 100' (MAX) IN LENGTH. SPACING OF CHANNELIZING DEVICES SHOULD BE 20' THRU THE TAPER AREAS.
8. SPACING OF CHANNELIZING DEVICES THROUGH THE ACTIVITY AREA SHOULD BE 80'.
9. SPACING OF CHANNELIZING DEVICES THROUGH SHOULDER TAPER SHOULD BE 20'.

#### APPLICATION

THIS DRAWING APPLIES TO LANE CLOSURES USING TRAFFIC SIGNALS ON TWO-LANE, TWO-DIRECTION HIGHWAYS.

#### LEGEND

- TYPE III BARRICADE
- ⊥ SIGN
- ←● TRAFFIC SIGNAL
- CHANNELIZING DEVICES  
DRUMS  
TYPE II BARRICADES

DRAWING NOT TO SCALE

USE WITH CURRENT STD. DWG.  
TTD-110

SIGNING AND SPACING TABLE				
ROAD TYPE	A	B	C	D
EXPRESSWAY/ FREEWAY	1000'	500'	1100'	2600'
SP. LT. ≥ 45 MPH*	500'	500'	500'	1100'
SP. LT. ≤ 40 MPH*	250'	250'	500'	500'

\*NOTE: USE NORMAL POSTED SPEED LIMIT

KENTUCKY  
DEPARTMENT OF HIGHWAYS

LANE CLOSURE  
USING TRAFFIC SIGNALS

STANDARD DRAWING NO. TTC-110-02  
SUBMITTED BY: *B. Allen Wolf* 12-2-11  
DIRECTOR OF TRAFFIC OPERATIONS DATE  
APPROVED BY: *[Signature]* 12-2-11  
STATE HIGHWAY ENGINEER DATE