

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	HR Y504(01)	C1	C5

Plotting Date: 09/23/2015

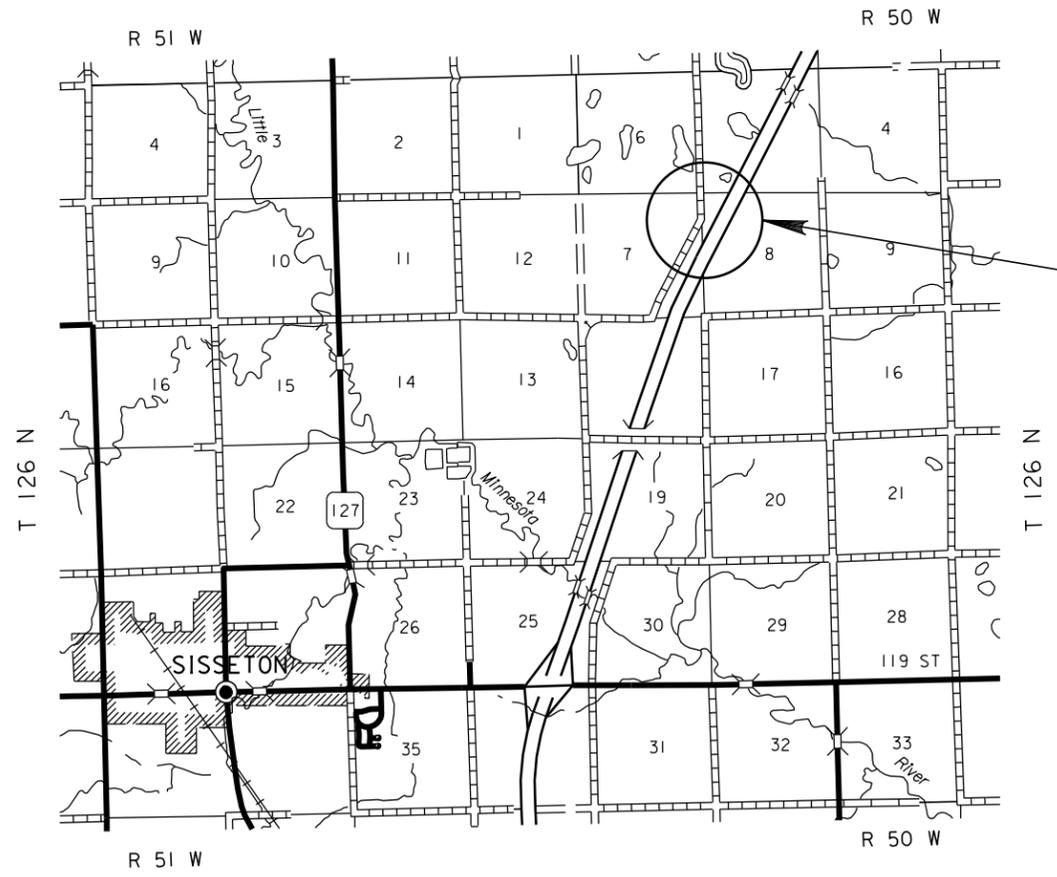
SECTION C: TRAFFIC CONTROL

INDEX OF SHEETS

- C1 Title Sheet
- C2 Estimate With General Notes
- C3-C5 Standard Plates

PLOT SCALE - 1:7920

PLOT NAME - 1



PROJECT
Sisseton Port of Entry
MRM 235.00 (Approx.)
Southbound Lanes



PLOTTED FROM - TRAB17879

FILE - ... \SECTION C\05CT TITL.C.DGN

SECTION C ESTIMATE OF QUANTITIES

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	HR Y504(01)	C2	C5

BID ITEM NUMBER	ITEM	QUANTITY	UNIT
634E0010	Flagging	25.0	Hour
634E0110	Traffic Control Signs	88	SqFt
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E0285	Type 3 Barricade, 8' Double Sided	1	Each
634E0420	Type C Advance Warning Arrow Board	1	Each

ITEMIZED LIST FOR TRAFFIC CONTROL SIGNS

SIGN CODE	SIGN DESCRIPTION	EXPRESSWAY / INTERSTATE			
		NUMBER	SIGN SIZE	SQFT PER SIGN	SQFT
W4-2	LEFT or RIGHT LANE ENDS (symbol)	1	48" x 48"	16	16
W20-1	ROAD WORK AHEAD	1	48" x 48"	16	16
W20-5	LEFT or RIGHT LANE CLOSED AHEAD	1	48" x 48"	16	16
W20-7	FLAGGER (symbol)	1	48" x 48"	16	16
W21-5	SHOULDER WORK	1	48" x 48"	16	16
G20-2	END ROAD WORK	1	48" x 24"	8	8
EXPRESSWAY / INTERSTATE TRAFFIC CONTROL SIGNS SQFT					88

TRAFFIC CONTROL – GENERAL NOTES

1. Requests to deviate from the sequence of operations shall be submitted in writing to the Engineer for review a minimum of one week prior to potential implementation.
2. The Contractor should notify the port of entry staff two weeks prior to beginning work. The phone number for the Sisseton Port of Entry is (605)698-7665.
3. The Contractor shall maintain one lane of traffic for southbound I-29 at all times.
4. The Contractor will not be allowed to enter or exit the two-way traffic section from the median adjacent to the work zone. Interchange ramps must be used.
5. Unless otherwise stated in these plans, no work will be allowed during hours of darkness.
6. Indiscriminate driving and parking of vehicles within the right-of-way will not be permitted. Any damage of the vegetation, surfacing, embankment, delineators, and existing signs resulting from such indiscriminate use shall be repaired and/or restored by the Contractor, at no expense to the State, and to the satisfaction of the Engineer.
7. Portable sign supports may be used as long as the duration is less than 3 days. If the duration is more than 3 days the signs shall be on fixed location, ground mounted, breakaway supports.
8. Any delineators and signs damaged or lost shall be replaced by the Contractor at no cost to the State.
9. All haul trucks shall be equipped with a second flashing amber light that is visible from the backside of the haul truck. The costs for the flashing amber lights shall be incidental to the various related contract bid items.
10. All construction operations shall be conducted in the general direction of traffic movement.

PLOT SCALE - 1:200

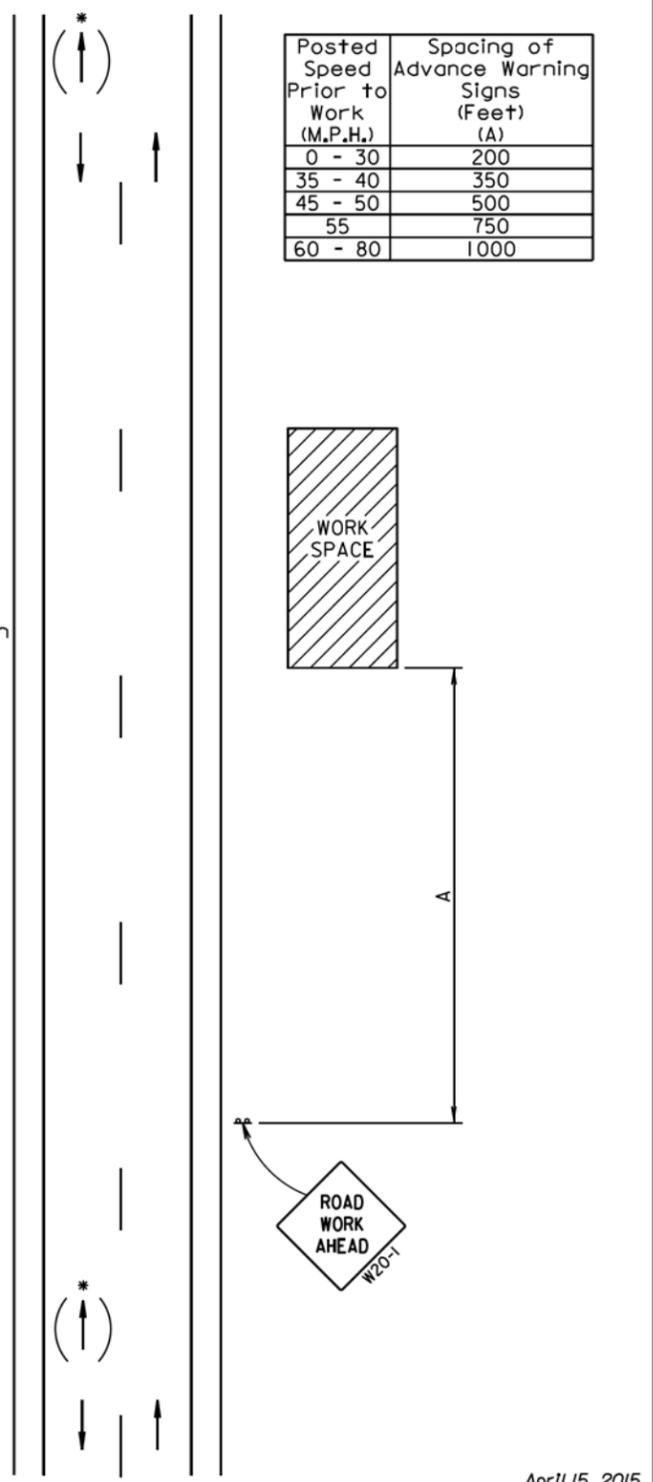
The signs illustrated are not required if the work space is behind a barrier, more than 2 feet behind the curb, or 15 feet or more from the edge of any roadway.

The signs illustrated shall be used where there are distracting situations; such as: vehicles parked on shoulder, vehicles accessing the work site via the highway, and equipment traveling on or crossing the roadway to perform work operations.

The ROAD WORK AHEAD sign may be replaced with other appropriate signs, such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.

* If the work space is on a divided highway, an advance warning sign should also be placed on the left side of the directional roadway.

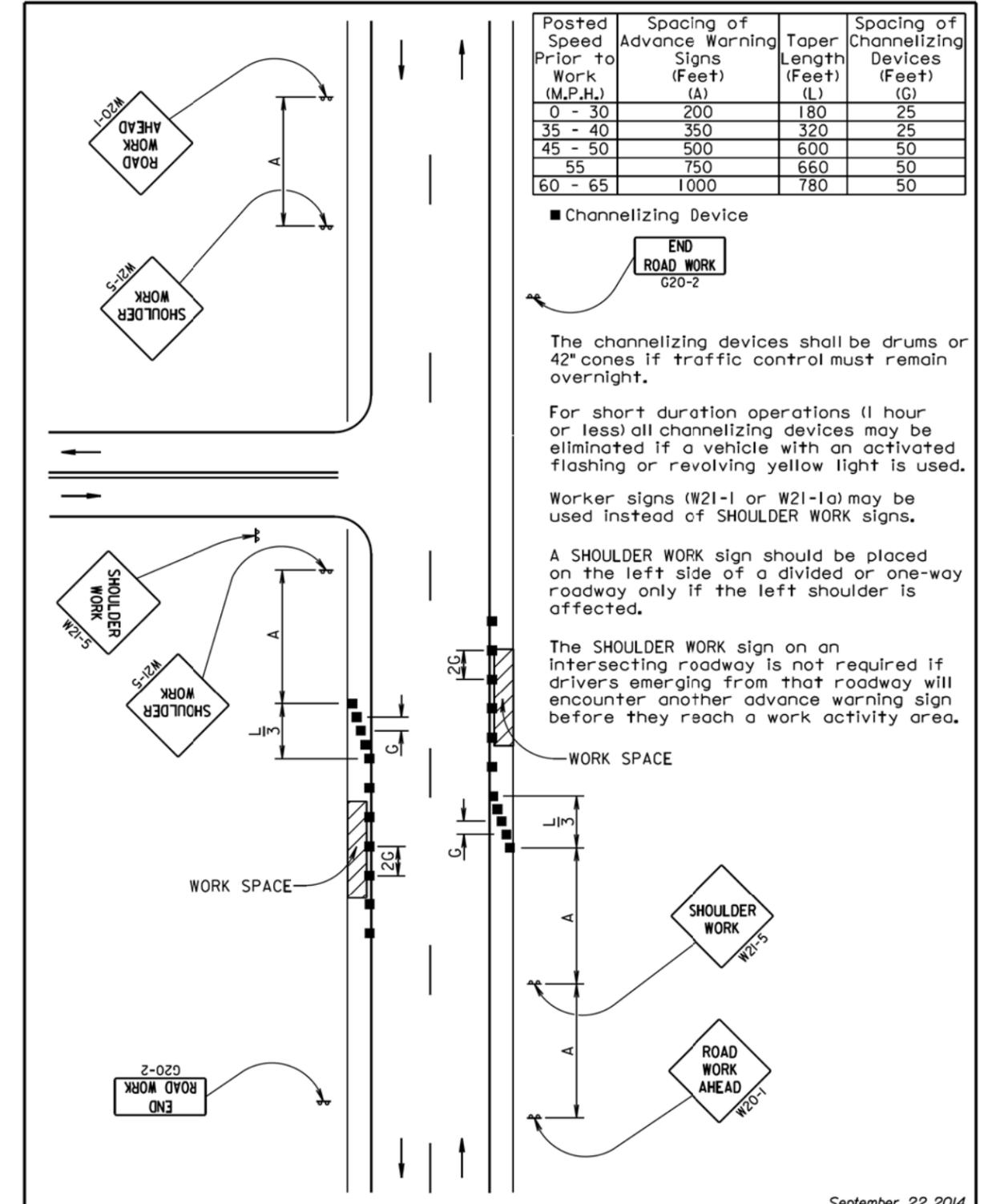
For short term, short duration, or mobile operations, all signs and channelizing devices may be eliminated if a vehicle with an activated flashing or revolving yellow light is used.



April 15, 2015

S D D O T	GUIDES FOR TRAFFIC CONTROL DEVICES WORK BEYOND THE SHOULDER	PLATE NUMBER 634.01
		Sheet 1 of 1
Published Date: 3rd Qtr. 2015		

PLOT NAME - 3



September 22, 2014

S D D O T	GUIDES FOR TRAFFIC CONTROL DEVICES WORK ON SHOULDERS	PLATE NUMBER 634.03
		Sheet 1 of 1
Published Date: 3rd Qtr. 2015		

FILE - ... \OBJECTSTANDARD PLATES.DGN

Posted Speed Prior to Work (M.P.H.)	Spacing of Advance Warning Signs (Feet) (A)	Taper Length (Feet) (L)	Spacing of Channelizing Devices (Feet) (G)
0 - 30	200	180	25
35 - 40	350	320	25
45 - 50	500	600	50 *
55	750	660	50 *
60 - 65	1000	780	50 *

* Spacing is 40' for 42" cones.

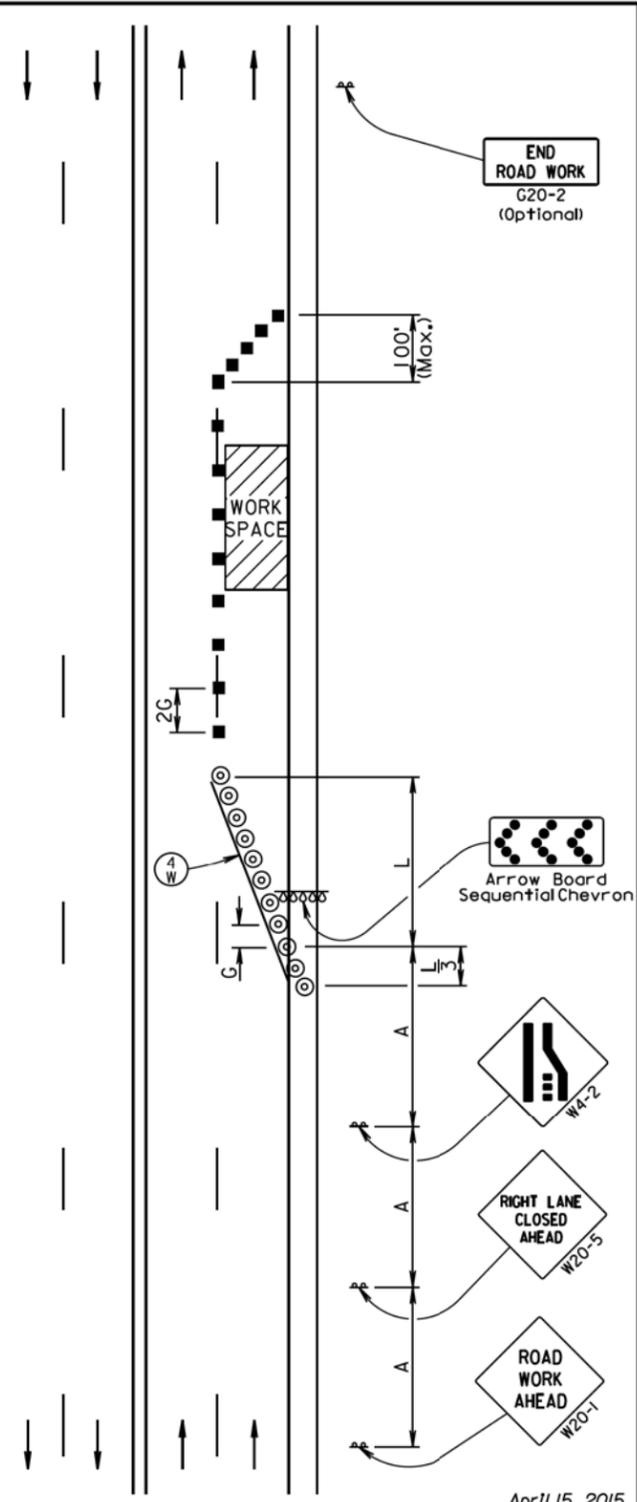
⊙ Reflectorized Drum
 ■ Channelizing Device
 (4) W 4" White Temporary Pavement Marking

The channelizing devices shall be 42" cones or drums.

42" cones may be used in place of the drums shown in the taper if setup will not be used during night time hours.

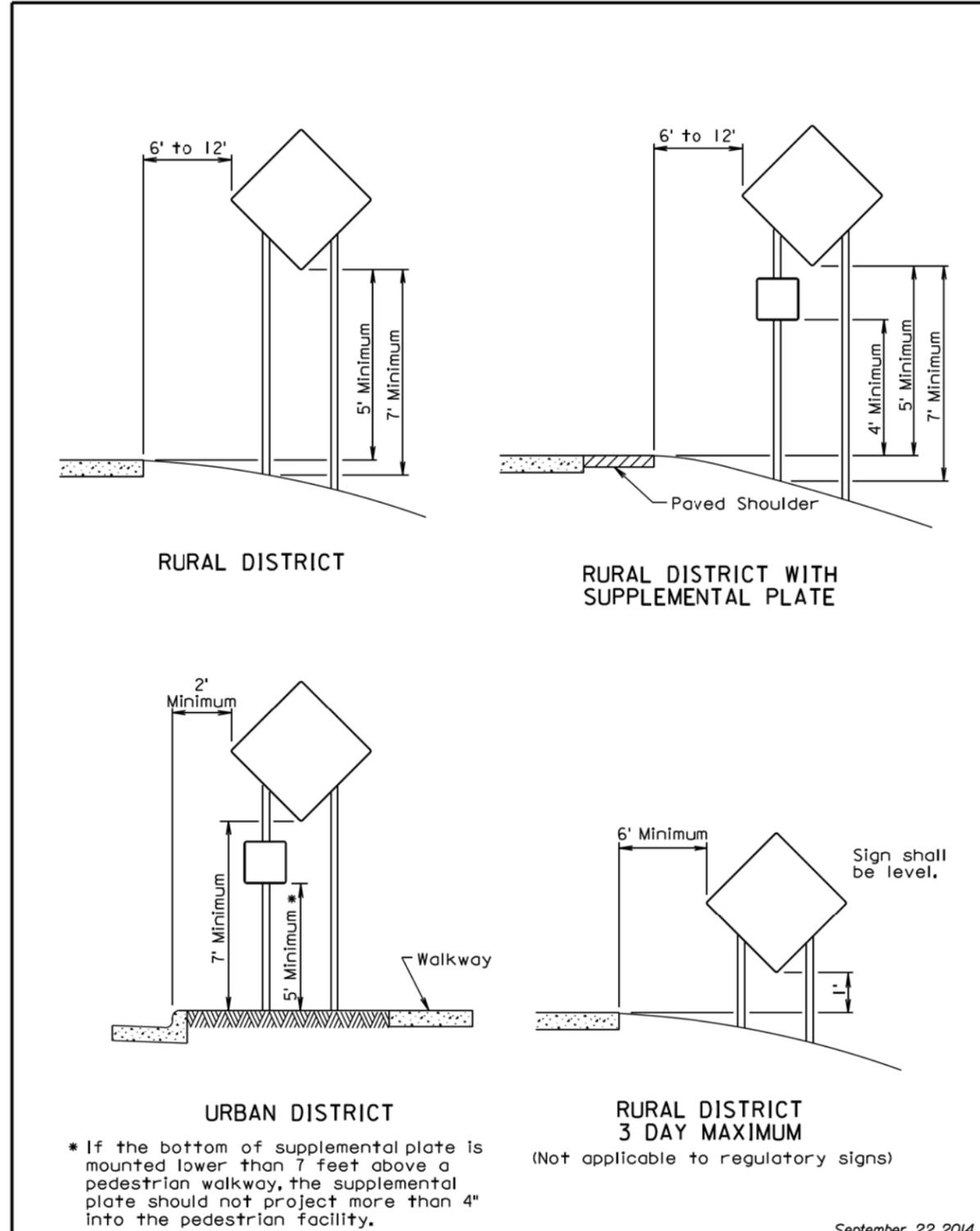
Temporary pavement markings shall be used if traffic control must remain overnight.

The length of A and L may be adjusted to fit field conditions.



April 15, 2015

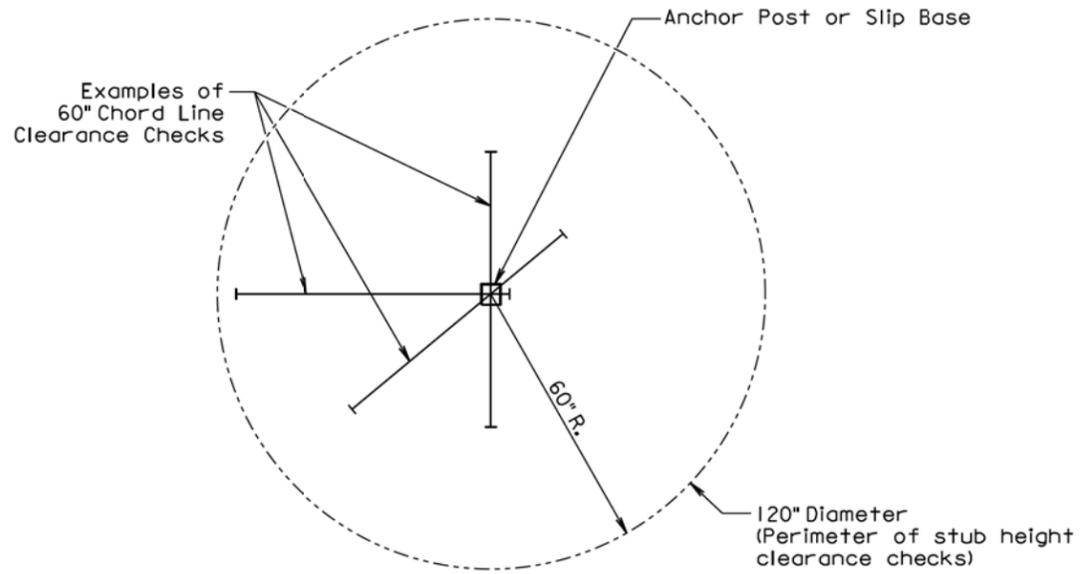
S D D O T	GUIDES FOR TRAFFIC CONTROL DEVICES 4-LANE UNDIVIDED, RIGHT LANE CLOSED	PLATE NUMBER 634.47
		Sheet 1 of 1
Published Date: 3rd Qtr. 2015		



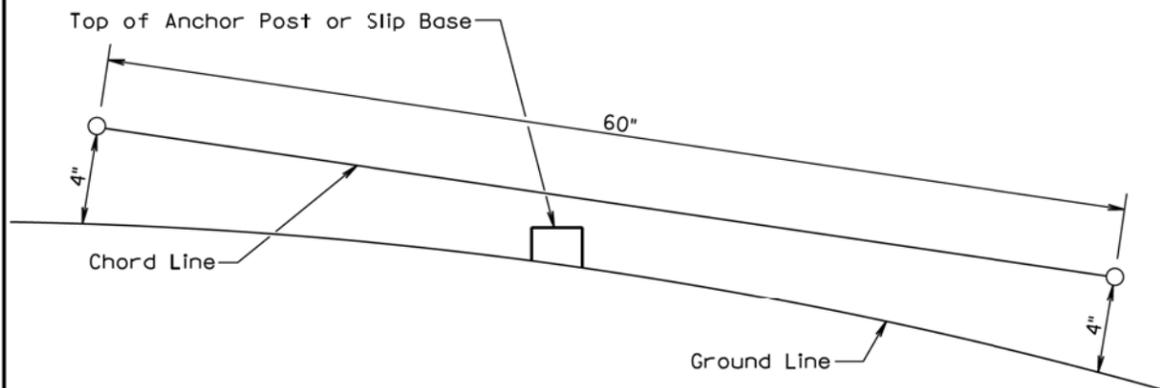
* If the bottom of supplemental plate is mounted lower than 7 feet above a pedestrian walkway, the supplemental plate should not project more than 4" into the pedestrian facility.

September 22, 2014

S D D O T	CRASHWORTHY SIGN SUPPORTS (Typical Construction Signing)	PLATE NUMBER 634.85
		Sheet 1 of 1
Published Date: 3rd Qtr. 2015		



PLAN VIEW
(Examples of stub height clearance checks)



ELEVATION VIEW

GENERAL NOTES:

The top of anchor posts and slip bases SHALL NOT extend above a 60" chord line within a 120" diameter circle around the post with ends 4" above the ground.

At locations where there is curb and gutter adjacent to the breakaway sign support, the stub height shall be a maximum of 4" above the ground line at the localized area adjacent to the breakaway support stub.

The 4" stub height clearance is not necessary for U-channel lap splices where the support is designed to yield (bend) at the base.

July 1, 2005

Published Date: 3rd Qtr. 2015

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BREAKAWAY SUPPORT STUB CLEARANCE

PLATE NUMBER
634.99

Sheet 1 of 1