

STATE OF SOUTH DAKOTA	PROJECT	SHEET	TOTAL SHEETS
	P 0073(00)92	C1	C6

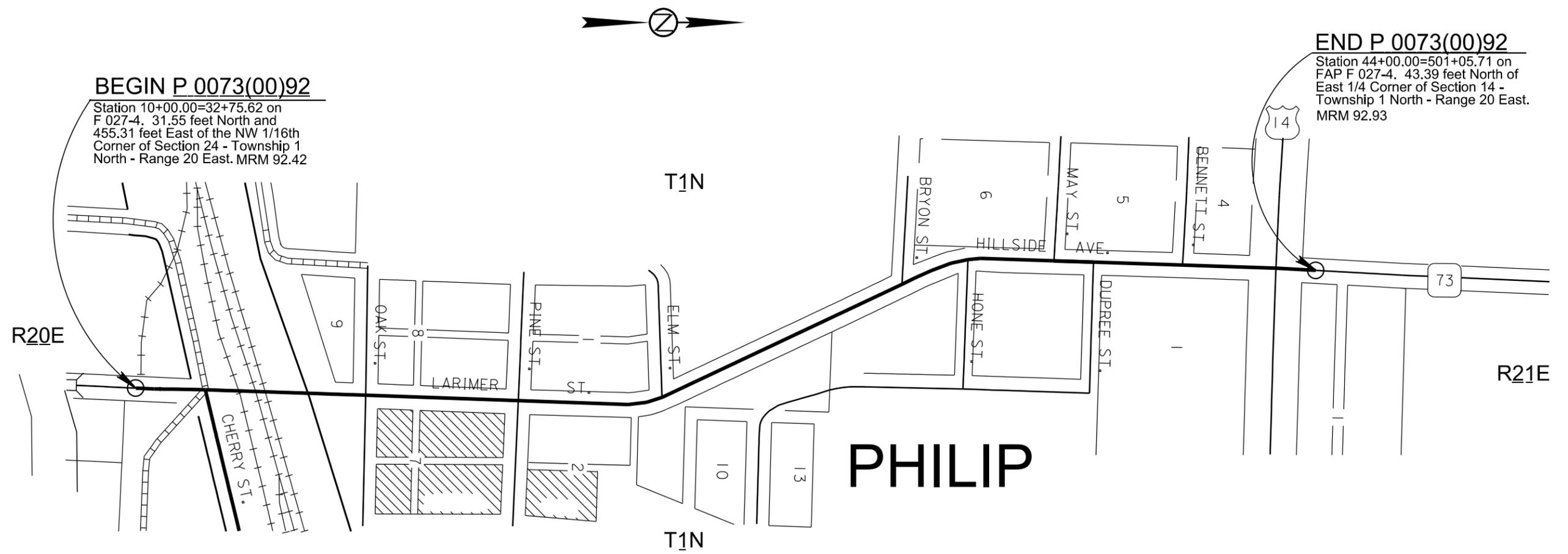
SECTION C : TRAFFIC CONTROL

INDEX OF SHEETS

- Sheet C1 General Layout & Index
- Sheet C2 Estimate of Quantities, Plan Notes
 & Sign Tabulation
- Sheet C3 Fixed Location Sign Layout
- Sheet C4- C6 Standard Plates

1:15730.2
Plot Scale -

lpr22411
Plotted From -



File - ...DGN Files02VG_TitleSht.dgn

TRAFFIC CONTROL NOTES

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P 0073(00)92	C2	C6

ESTIMATE OF QUANTITIES

Bid Item Number	Item	Quantity	Unit
634E0010	Flagging	20	Hour
634E0100	Traffic Control	1,334	Unit
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS
634E2020	Temporary Curb Ramp	4	Each

SEQUENCE OF OPERATIONS

The Contractor shall submit a Sequence of Operations to the Pierre Area Office two weeks prior to the preconstruction meeting for approval. The Contractor shall work on only one side of Larimer Street at any given time and complete that side prior to work on the opposite side.

MAINTENANCE OF TRAFFIC

Access to businesses and residences along the project shall be maintained at all times, unless arrangements are made between the Contractor and business or residence owners to provide an alternative entrance during construction.

Removing, relocating, covering, salvaging and resetting of existing traffic control devices, including stop signs and delineation, shall be the responsibility of the Contractor. Cost for this work shall be incidental to the contract unit prices for the various items unless otherwise specified in the plans. Any delineators and signs damaged or lost shall be replaced by the Contractor at no cost to the State.

Storage of vehicles and equipment shall be outside the clear zone and as near as possible to the right-of-way line. Contractor's employees should mobilize at a location off the right-of-way and arrive at the work sites in a minimum number of vehicles necessary to perform the work.

Indiscriminate driving and parking of vehicles within the right-of-way will not be permitted. Any damage to 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.

Access to all City streets shall be maintained for the duration of the project, unless prior approval is obtained from the City of Philip to fully close a street.

The Contractor shall adhere to the requirements of the Americans with Disabilities Act (ADA) during construction.

All traffic control sign locations shall be set in the field by the Contractor and verified by the Engineer prior to installation.

The Contractor shall provide documentation that all breakaway sign supports comply with FHWA NCHRP Report 350 or MASH crash-worthy requirements. The Contractor shall provide installation details at the preconstruction meeting for all breakaway sign support assemblies.

Traffic control drums, Type II barricades, cones, and/or tubular markers shall be used as needed to safely delineate traffic during work per standard plates and as directed by the Engineer.

PEDESTRIAN TRAFFIC CONTROL

The existing sidewalks cannot be closed without supplying an alternate route. When crosswalks, sidewalks or other pedestrian facilities are blocked, closed or relocated, temporary facilities shall include accessibility features.

The Contractor shall adhere to the requirements of the Americans with Disabilities Act (ADA) during construction. Tape, rope, or plastic chain strung between devices are not detectable, do not comply with the design standards in the Americans with Disabilities Act Accessibility Guidelines for Buildings and Facilities (ADAAG), and should not be used as a control for pedestrian movements.

The Contractor will be limited to working on one side of SD Hwy 73 at a time to allow for pedestrian traffic during ADA construction. The Contractor shall accommodate pedestrians across any utility tie-ins between phases of work.

A smooth, continuous hard surface should be provided throughout the entire length of the temporary pedestrian facility. There should be no curbs or abrupt changes in grade or terrain that could cause tripping or be a barrier to wheelchair use.

A temporary pedestrian ramp shall be provided by the Contractor in all cases where an alternate route cannot be found, and the intersection will carry pedestrian traffic. A suitable ramp would be one made out of wood that is at least 3' wide and no greater than a 12:1 slope. The ramp should be sufficiently sturdy and unyielding with hand rails.

The cost of the temporary pedestrian ramps shall be incidental to the contract price per each for "Temporary Curb Ramp."

The Contractor shall adequately sign and barricade the sidewalk for pedestrian traffic. The Contractor must not leave un-barricaded holes open either overnight or over the weekend.

The Contractor shall accommodate pedestrian traffic, including those with disabilities. Bicycle traffic shall also be accommodated. The Contractor shall submit a detailed plan to the Engineer on how pedestrian and bicycle traffic will be accommodated during the various phases of the work at the effected locations. This plan should be in conformance with the details contained in these plans for pedestrian accommodation. The plan may be submitted at the Preconstruction Meeting.

The plan shall be submitted no later than two weeks prior to the start of work. Some options for consideration to accommodate the pedestrian traffic include:

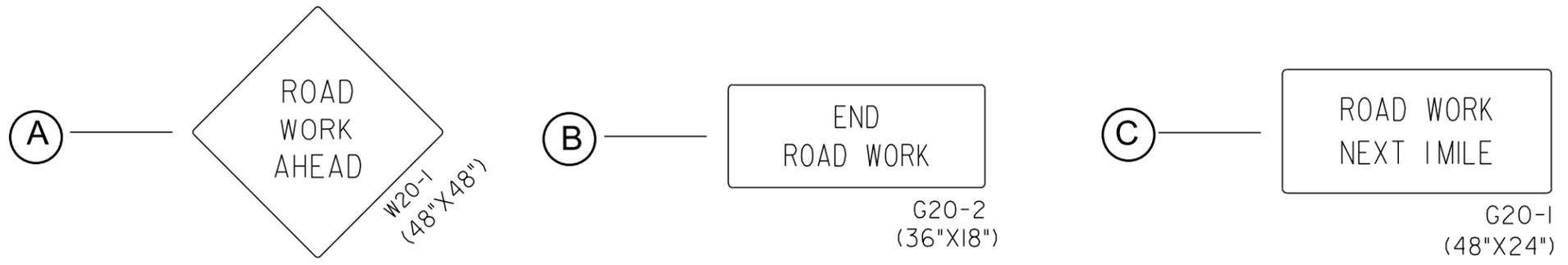
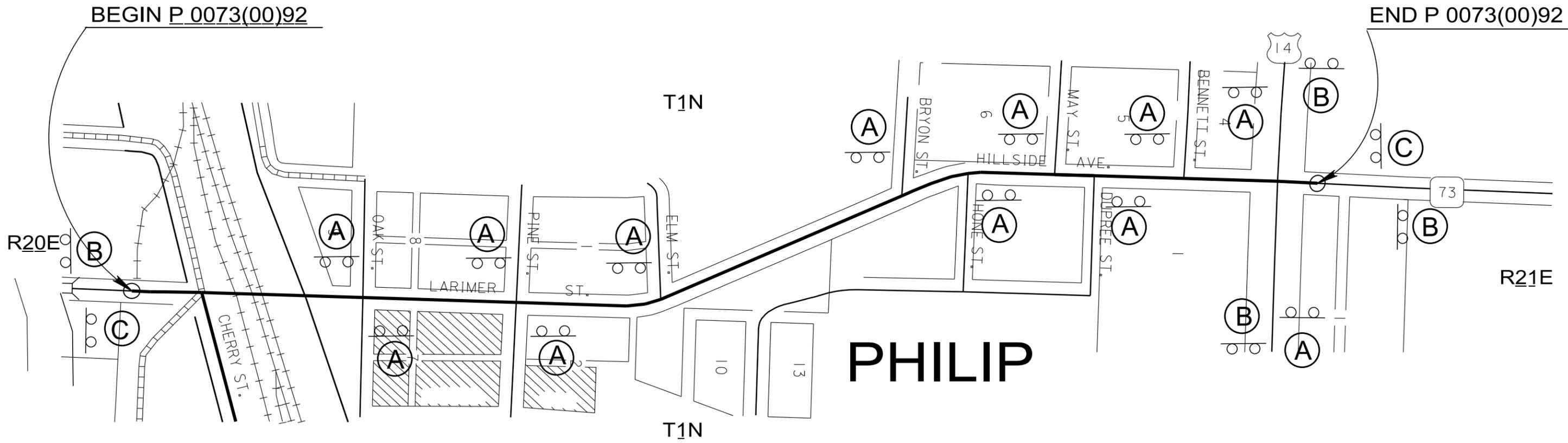
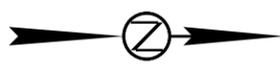
1. The use of various approved traffic control devices to maintain the pedestrians through or past the immediate work area,
2. The detour of pedestrians and bicycles to the opposite side of the street, alternate routes(s) or around a City block,
3. Manned crossing assistance (crossing guards) combined with an accessible path.

The cost for all other pedestrian traffic control shall be incidental to the contract lump sum price for Traffic Control, Miscellaneous.

ITEMIZED LIST FOR TRAFFIC CONTROL

SIGN CODE	SIGN SIZE	DESCRIPTION	NUMBER REQUIRED	UNITS PER SIGN	UNITS
G20-1	48" x 24"	ROAD WORK NEXT ## MILES	2	24	48
G20-2	36" x 18"	END ROAD WORK	4	17	68
R9-8	36" x 18"	PEDESTRIAN CROSSWALK	4	15	60
R9-9	24" x 12"	SIDEWALK CLOSED	4	15	60
R9-10	24" x 12"	SIDEWALK CLOSED, USE OTHER SIDE	4	15	60
R9-11	24" x 12"	SIDEWALK CLOSED AHEAD, CROSS HERE	4	15	60
R9-11a	24" x 12"	SIDEWALK CLOSED, CROSS HERE	4	15	60
W11-2	48" x 48"	PEDESTRIAN (SYMBOL)	2	34	68
W20-1	48" x 48"	ROAD WORK ##### FT. OR AHEAD	16	34	544
W20-7	48" x 48"	FLAGGER	4	34	136
W21-5	48" x 48"	SHOULDER WORK	5	34	170
TOTAL UNITS					1334

FIXED LOCATIONS BREAKAWAY SUPPORT SIGNS



NOTE: Sign locations will be verified in the field by the Engineer prior to installation.

Plot Scale - 1:15285.7

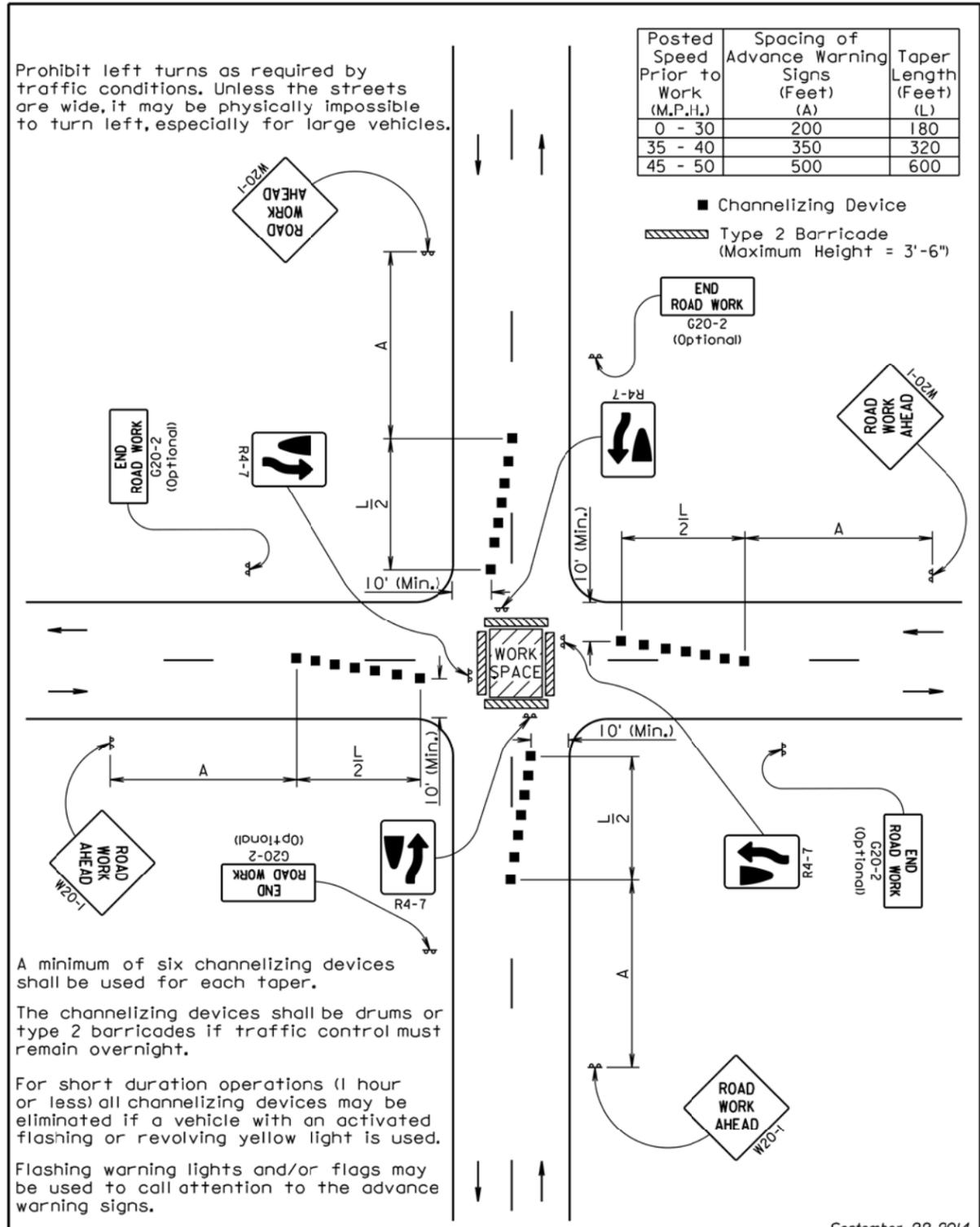
Plotted From - trp22411

File - ...IDGN Files\02\VG_TitleSht.dgn

Plotting Date: 11/24/2014

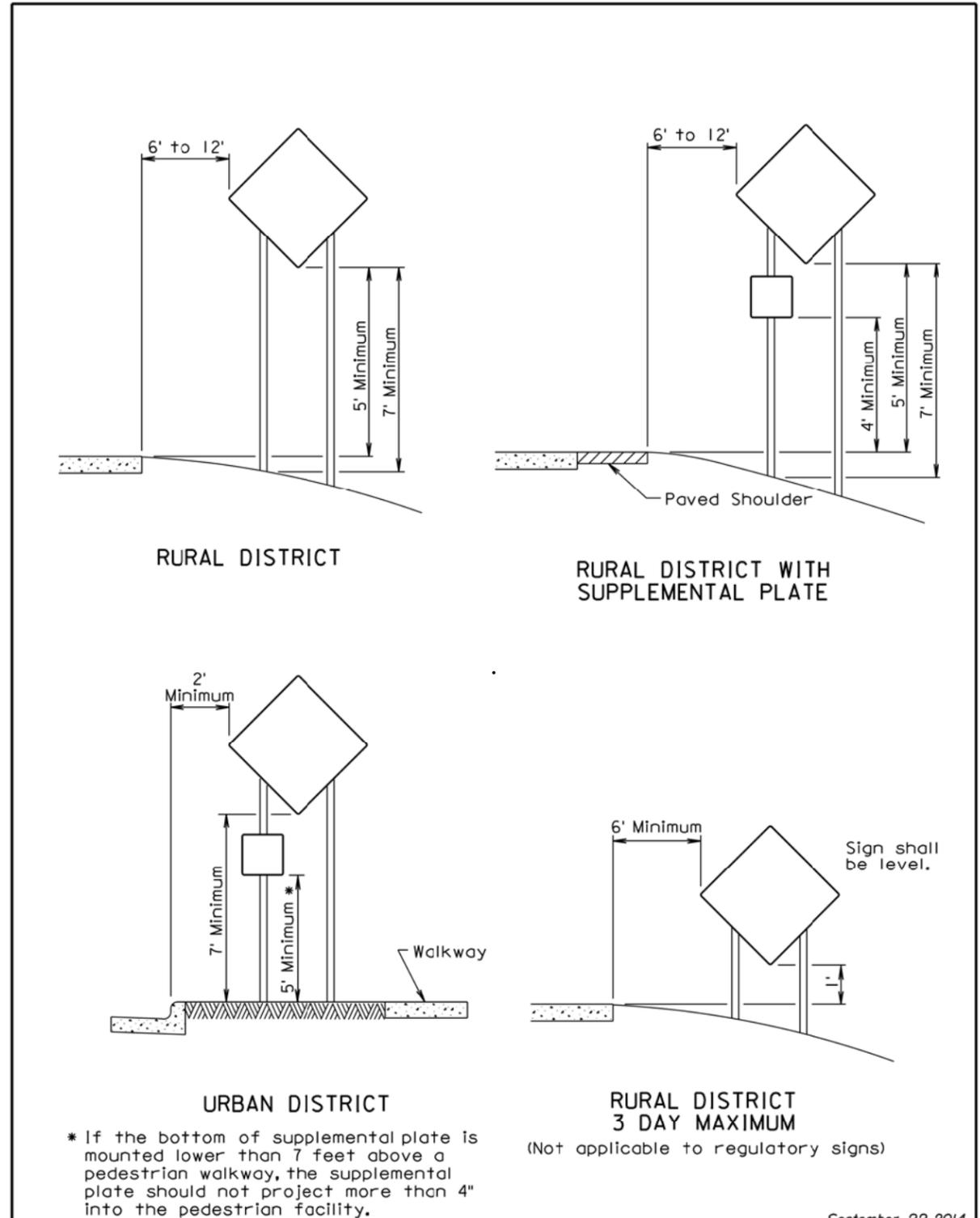
PLOT SCALE - 1:199.168

PLOT NAME - 1



September 22, 2014

S D D O T Published Date: 4th Qtr. 2014	GUIDES FOR TRAFFIC CONTROL DEVICES CLOSURE IN CENTER OF INTERSECTION	PLATE NUMBER 634.35
		Sheet 1 of 1



September 22, 2014

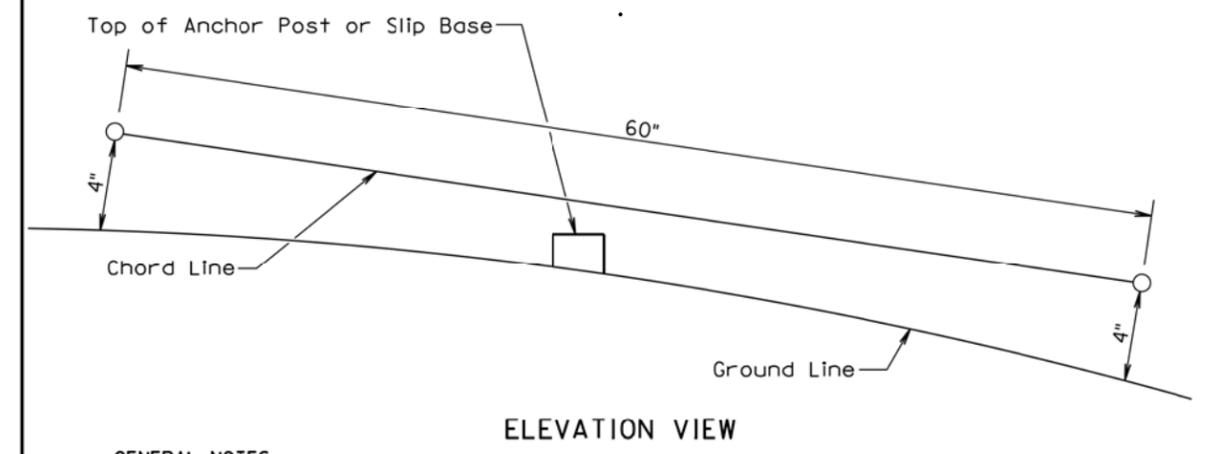
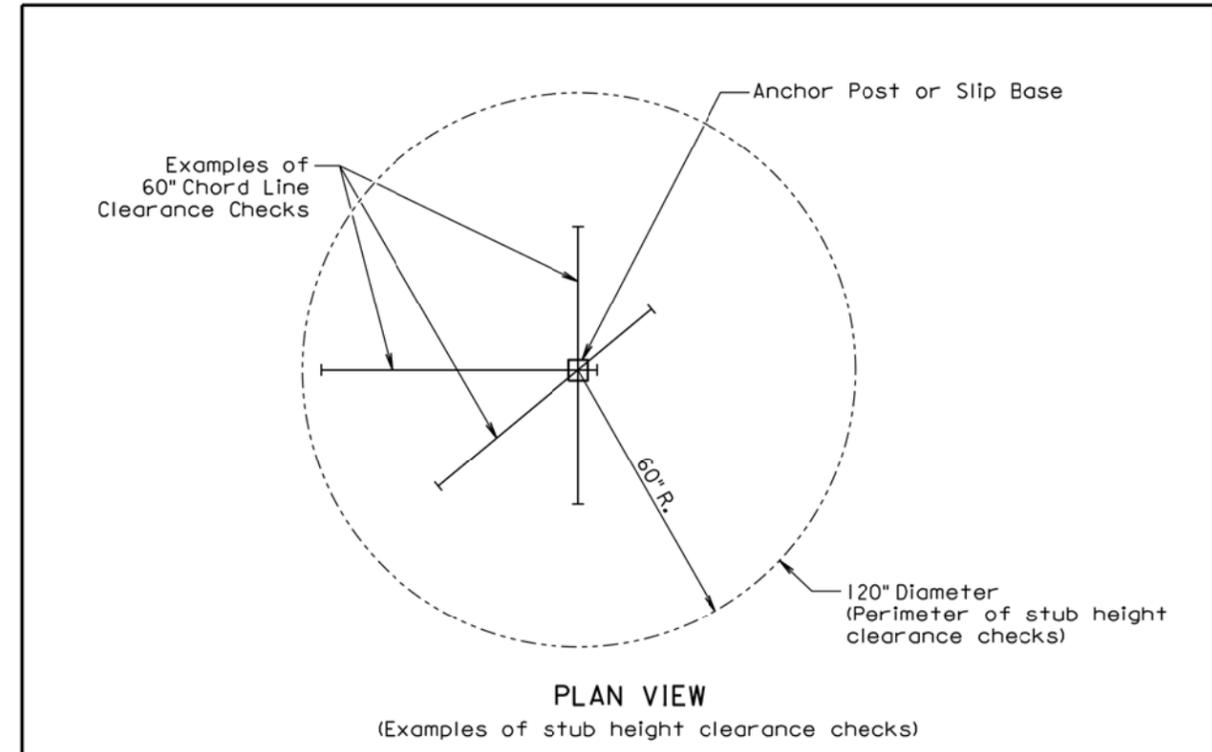
S D D O T Published Date: 4th Qtr. 2014	CRASHWORTHY SIGN SUPPORTS (Typical Construction Signing)	PLATE NUMBER 634.85
		Sheet 1 of 1

PLOTTED FROM - TRPR22411

FILE - ... \02V0 - STDPLT\63435_63485.DGN

PLOT SCALE - 1:198.369

PLOT NAME - 1



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: 4th Qtr. 2014

**S
D
D
O
T**

BREAKAWAY SUPPORT STUB CLEARANCE

PLATE NUMBER
634.99

Sheet 1 of 1

-PLOTTED FROM - TRPR22411

FILE - ... \02VG-STDPLT500000-63499.DGN