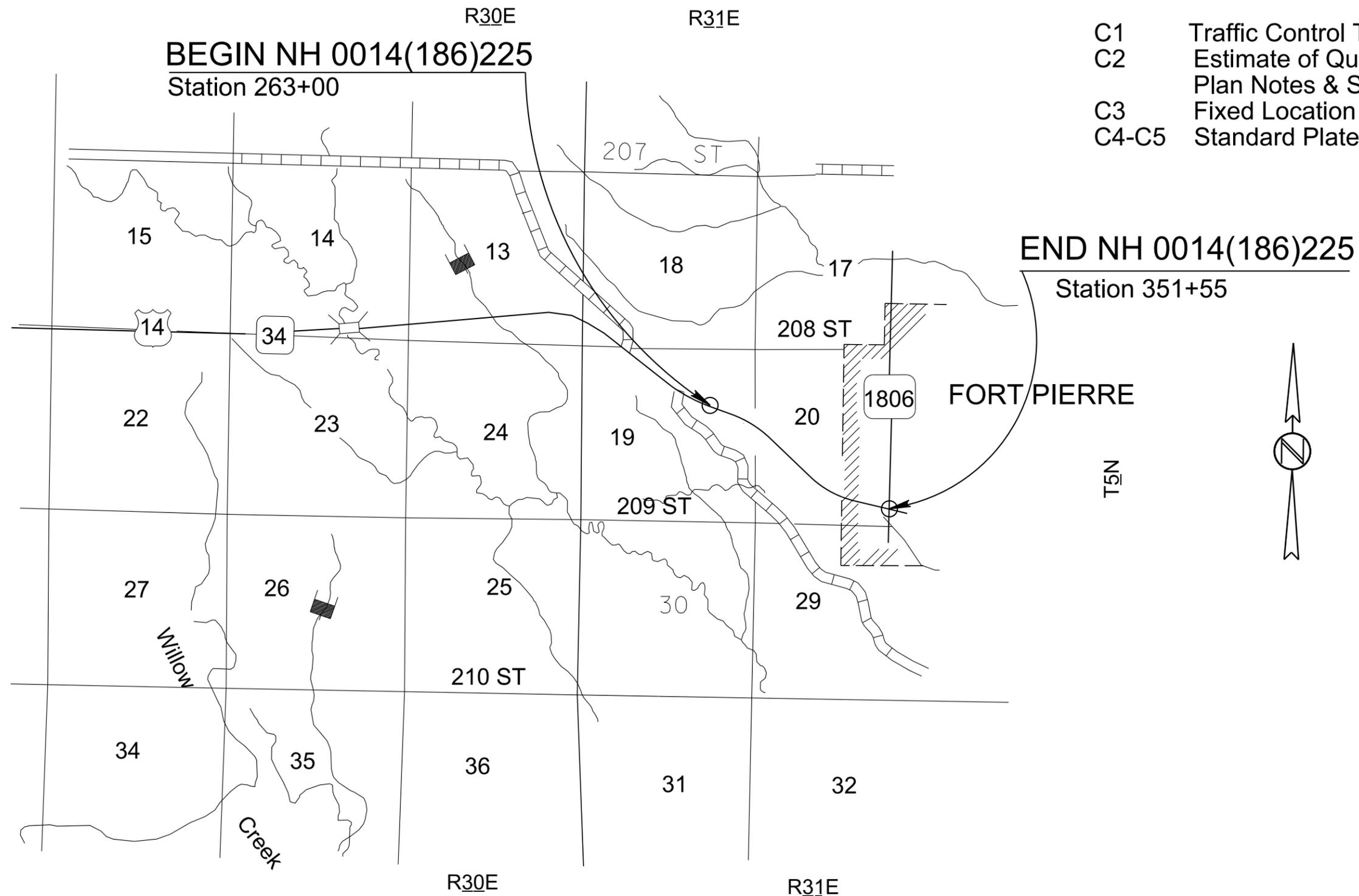


Section C: Traffic Control Plans

INDEX OF SHEETS

- C1 Traffic Control Title Sheet
- C2 Estimate of Quantities,
Plan Notes & Sign Tabulation
- C3 Fixed Location Sign Layout
- C4-C5 Standard Plates



SECTION C - ESTIMATE OF QUANTITIES

Bid Item Number	Item	Quantity	Unit
634E0010	Flagging	300	Hour
634E0100	Traffic Control	592	Unit
634E0120	Traffic Control, Miscellaneous	Lump Sum	LS

GENERAL MAINTENANCE OF TRAFFIC

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.

The bottom of signs on portable or temporary supports shall not be less than seven feet above the pavement in urban areas and one foot above the pavement in rural areas. 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.

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.

Any existing signs in the work limits shall be removed and reset as needed to accommodate the under drain installations. Cost for remove/reset existing signs shall be incidental to the contract lump sum price for "Traffic Control, Miscellaneous".

TRACKING

Excess tracking of material must be removed from the roadway in a manner that satisfies the storm water pollution prevention plan. All costs associated with this work shall be incidental to the contract lump sum price for "Traffic Control, Miscellaneous".

TEMPORARY EARTH CROSSING

If the Contractor elects to haul material from one side of the existing surfaced roadway to the other side with scrapers, a temporary earth crossing shall be installed prior to the start of hauling. A flagger at each end of the crossing shall also be utilized. The crossing shall be completely removed each evening prior to nightfall. No separate payment will be made for providing the crossing, and no separate payment will be made for removing the crossing and reinstalling it the next day.

TEMPORARY EARTH CROSSING (CONT'D)

If utilized, the Temporary Earth Crossing shall be constructed according to the standard plate 380.30, except that no granular material will be required due to the crossing being removed each night.

Any damage to the existing asphalt road surface caused by the hauling of materials by any method, or by the process of installing or removing the Temporary Earth Crossing, shall be repaired at no cost to the State.

All costs associated with constructing, maintaining, and removing the crossing each day shall be incidental to the various contract bid items. The flagger hours will be measured and paid for at the contract unit price per hour for "Flagging".

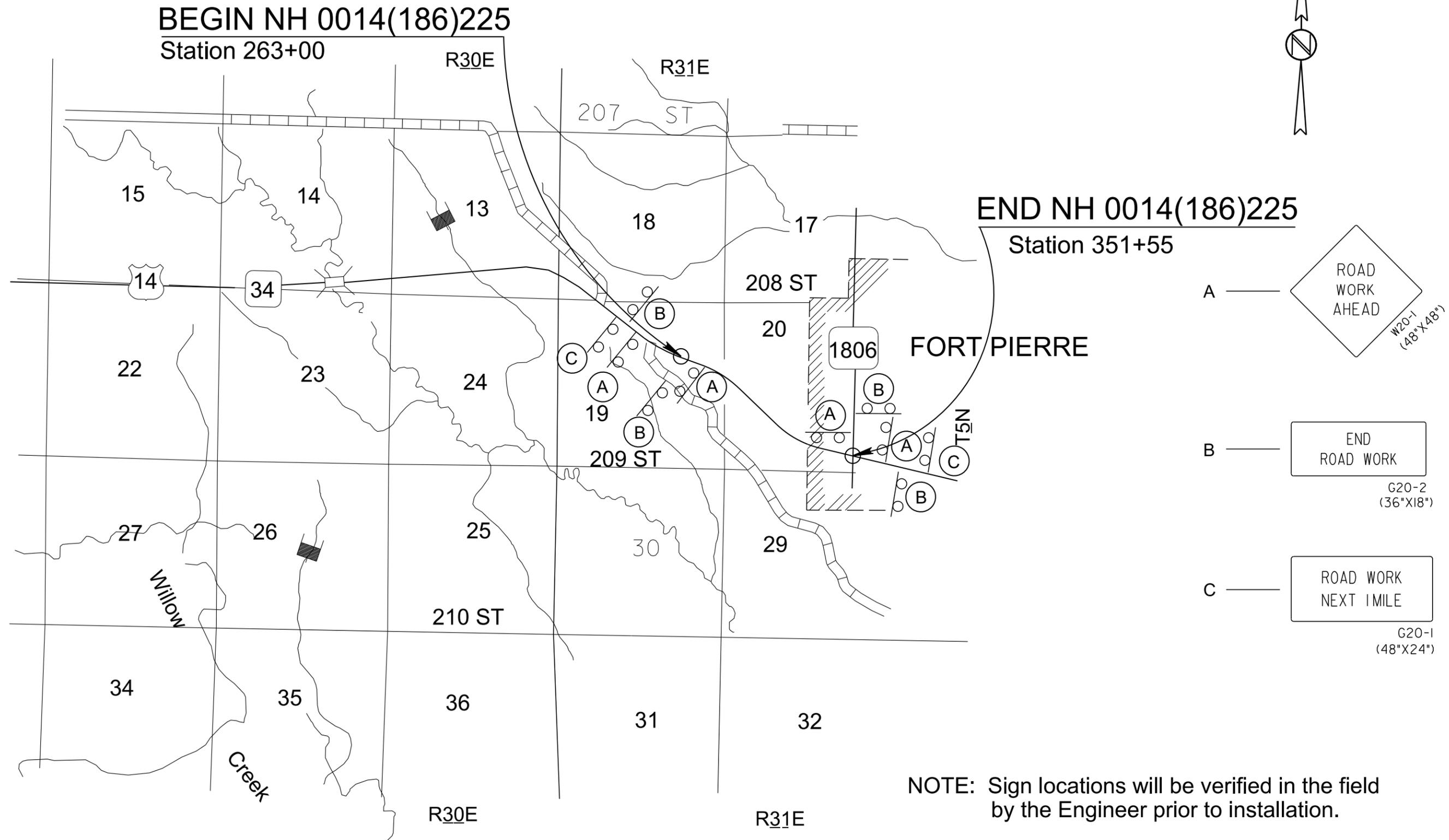
LANDSLIDE MATERIAL EXCAVATION AREAS

In areas where a temporary slope steeper than a 4 : 1 is detailed in the cross sections, channelizing devices shall be placed and maintained along the edge of asphalt at 50 feet spacing whenever traffic is utilizing the adjacent lane. These devices shall be either Drums or Type II Barricades, and shall remain in place until topsoil is placed on the new finished 4 : 1 slopes. All costs associated with this work shall be incidental to the contract lump sum price for "Traffic Control, Miscellaneous". One "Shoulder Closed" sign shall also be placed at the beginning of the channelizing devices.

ITEMIZED LIST FOR TRAFFIC CONTROL

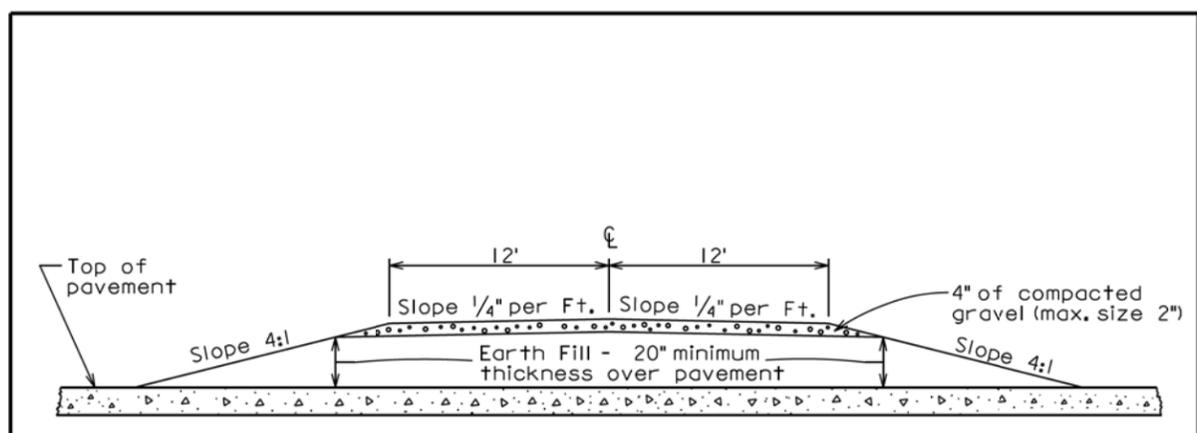
SIGN CODE	SIGN SIZE	DESCRIPTION	NUMBER REQUIRED	UNITS PER SIGN	UNITS
G20-1	48" x 24"	ROAD WORK NEXT ## MILES	2	24	48
G20-2	36" x 18"	END ROAD WORK	4	17	68
W3-4	48" x 48"	BE PREPARED TO STOP	2	34	68
W8-8	48" x 48"	TRUCK CROSSING	2	34	68
W20-1	48" x 48"	ROAD WORK ##### FT. OR AHEAD	4	34	136
W20-4	48" x 48"	ONE LANE ROAD ##### FT. OR AHEAD	2	34	68
W20-7	48" x 48"	FLAGGER	2	34	68
W21-5	48" x 48"	SHOULDER WORK	2	34	68
TOTAL UNITS					592

FIXED LOCATION SIGNS

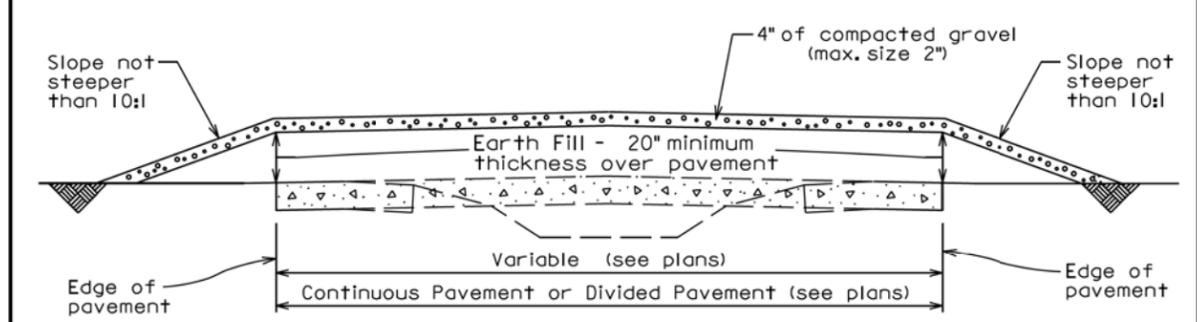


Plotting Date: 05/12/2014

PLOT SCALE - 1:200



TRANSVERSE SECTION OF CROSSING



LONGITUDINAL SECTION ALONG CENTERLINE OF CROSSING

GENERAL NOTES:

Temporary Earth Crossing shall be constructed and satisfactorily maintained in accordance with the details shown above. When the need for the crossing no longer exists the contractor shall, at the direction of the Engineer, remove the crossing and dispose of the materials therein to the satisfaction of the Engineer.

All costs for furnishing and placing all materials, labor, and equipment necessary for constructing and removing the Temporary Earth Crossing shall be incidental to the contract unit price per Each for "Temporary Earth Crossing."

When the plans specify that the fill over the pavement be entirely of gravel, instead of earth and gravel as shown by the details above, all except the upper 4 inches of the gravel may be pit run material. In these cases the item becomes "Temporary Gravel Crossing" instead of "Temporary Earth Crossing", but otherwise the requirements stated above for "Temporary Earth Crossing" shall apply.

March 31, 2000

S D D O T	TEMPORARY EARTH OR GRAVEL CROSSING	PLATE NUMBER 380.30
	Published Date: 2nd Qtr. 2014	Sheet 1 of 1

PLOT NAME - 1

FILE - ... \DGN FILES\38030_63401.DGN

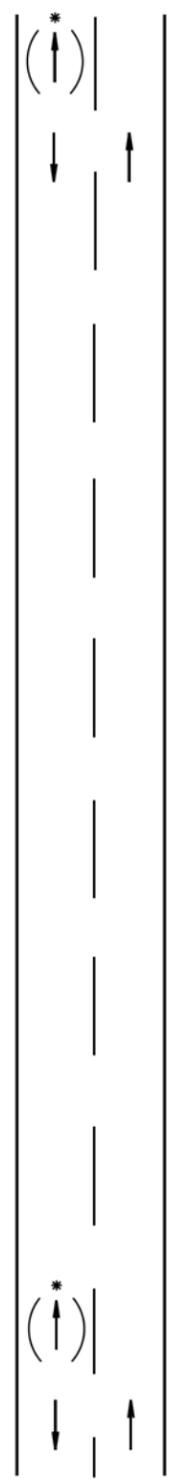
The signs illustrated are not required if the work space is behind a barrier, more than 2 feet behind the curb, or 15 feet or more from the edge of any roadway.

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.

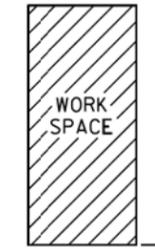
The ROAD WORK AHEAD sign may be replaced with other appropriate signs, such as the SHOULDER WORK sign. The SHOULDER WORK sign may be used for work adjacent to the shoulder.

* 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.



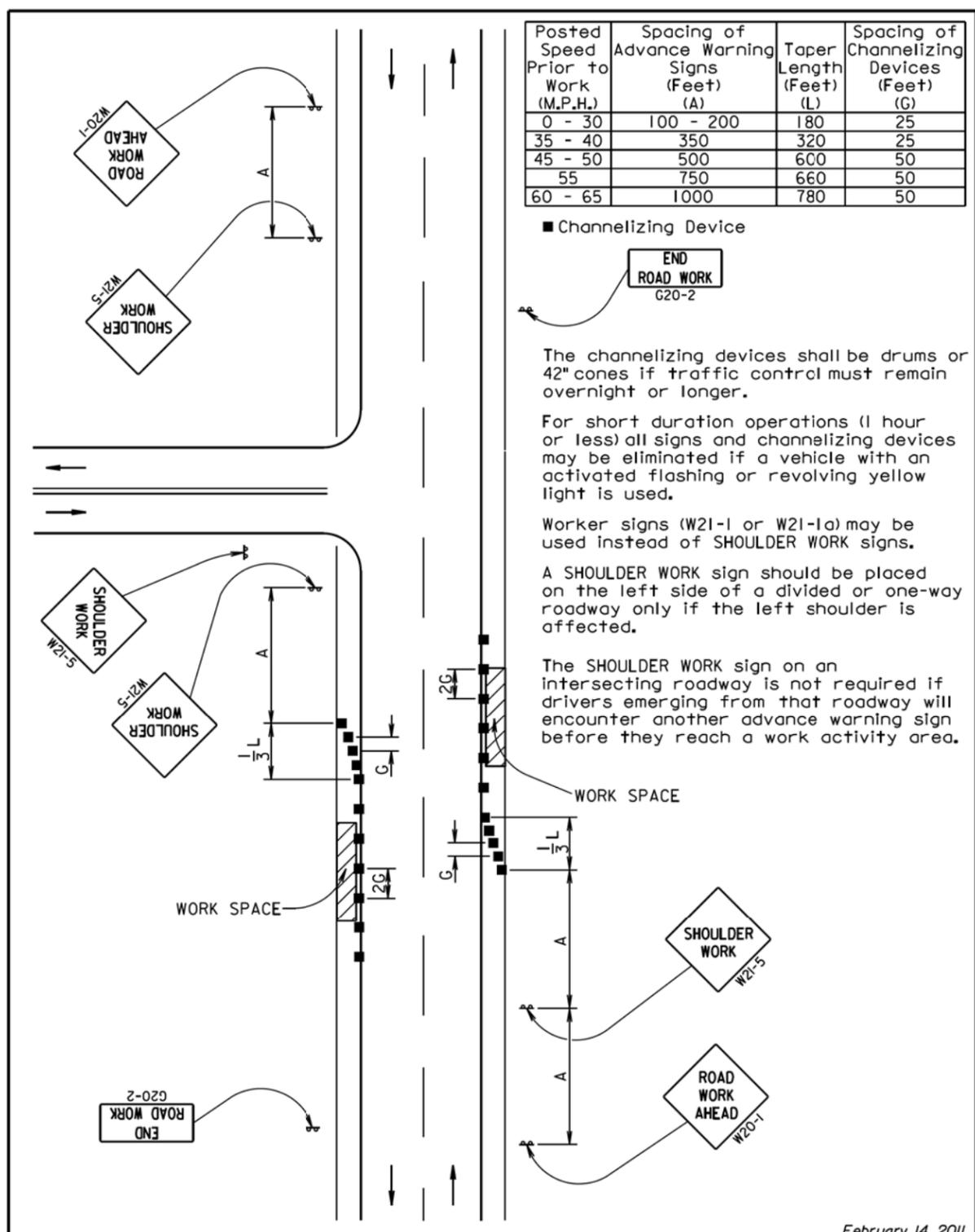
Posted Speed Prior to Work (M.P.H.)	Spacing of Advance Warning Signs (Feet) (A)
0 - 30	200
35 - 40	350
45 - 50	500
55	750
60 - 75	1000



July 1, 2005

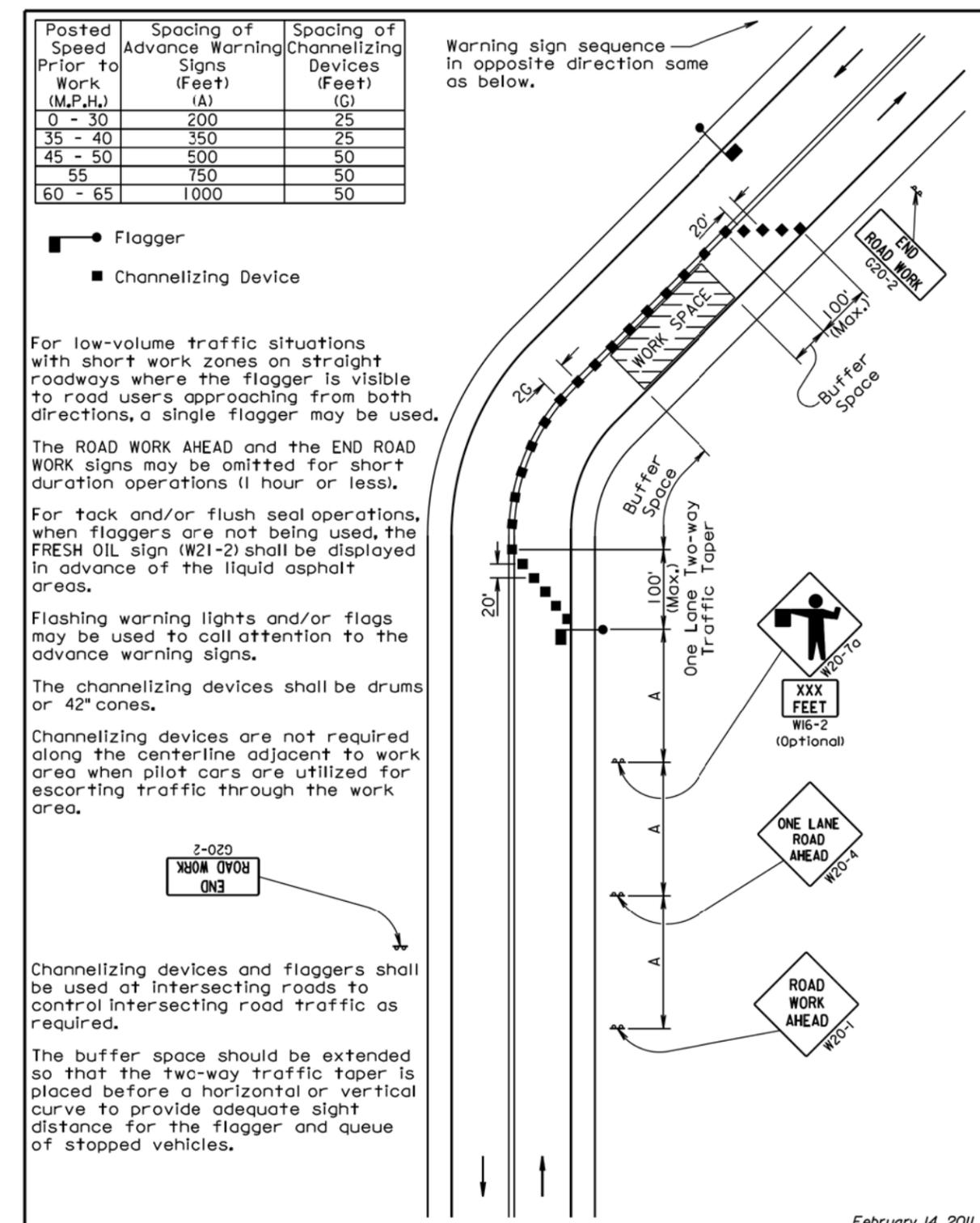
S D D O T	GUIDES FOR TRAFFIC CONTROL DEVICES WORK BEYOND THE SHOULDER	PLATE NUMBER 634.01
	Published Date: 2nd Qtr. 2014	Sheet 1 of 1

-PLOTTED FROM - TRPR22411



February 14, 2011

S D D O T	GUIDES FOR TRAFFIC CONTROL DEVICES WORK ON SHOULDERS	PLATE NUMBER 634.03
	Published Date: 2nd Qtr. 2014	Sheet 1 of 1



February 14, 2011

S D D O T	GUIDES FOR TRAFFIC CONTROL DEVICES LANE CLOSURE WITH FLAGGER PROVIDED	PLATE NUMBER 634.23
	Published Date: 2nd Qtr. 2014	Sheet 1 of 1

PLOT NAME - FILE - ... \DGN FILES\63403-63423.DGN