



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Paul R. LePage
GOVERNOR

David Bernhardt
COMMISSIONER

June 10, 2016
Subject: Remove & Replace
Concrete Face of Pier Cap
State WIN: 021596.00
Location: **Sidney**
Amendment No. 2

Dear Sir/Ms:

Please make the following changes to the Bid Documents:

In the Bid Book:

REMOVE "SPECIAL PROVISION, SECTION 652, MAINTENANCE OF TRAFFIC (Traffic Control)", page 41, dated 4/7/2016 and REPLACE with the attached revised "SPECIAL PROVISION, SECTION 652, MAINTENANCE OF TRAFFIC (Traffic Control)", 1 page, dated 5/12/2003.

REMOVE "SPECIAL PROVISION, SECTION 652, MAINTENANCE OF TRAFFIC", page 42-43, dated 4/7/2016 and REPLACE with the attached revised "SPECIAL PROVISION, SECTION 652, MAINTENANCE OF TRAFFIC", 8 pages, dated 6/10/2016.

Consider this change and information prior to submitting your bid on **June 15, 2016**.

Sincerely,

George M. A. Macdougall P.E.
Contracts & Specifications Engineer



PRINTED ON RECYCLED PAPER

SPECIAL PROVISION
SECTION 652
MAINTENANCE OF TRAFFIC
(Traffic Control)

652.7 Method of Measurement. This entire Subsection is revised to read:
Traffic Control Supervisor, furnishing, installation, and maintenance of all traffic control devices **including flaggers** will be measured as one **lump sum** for all work authorized and performed.

652.8 Basis of Payment. This entire Subsection is revised to read:
Traffic Control will be paid for at the contract **lump sum** price. Payment will be full compensation for the Traffic Control Supervisor, flaggers, approach signs, work area signs, drums, cones, panel markers, barricades, arrow boards etc. and maintenance thereof including the setting up and taking down of lane closures as many times as necessary shall be considered part of the lump sum price.

Maintenance of signs includes: replacing devices damaged, lost, or stolen, and cleaning and moving as many times as necessary throughout the life of the contract, regardless whether the work areas or projects are geographically separated or not separated.

The Lump Sum will be payable in installments as follows: 5% of the Lump Sum once the approach signing is complete and approved, with the 95% balance to be paid as the work progresses at a rate proportional to the percentage completion of the Contract.

Failure by the contractor to follow the Contracts 652 Special Provisions and/or The Manual on Uniform Traffic Control Devices (MUTCD) and/or The Contractors own Traffic Control Plan will result in a reduction in payment, computed by reducing The Lump Sum Total by 5% per occurrence. The Departments Resident or any other representative of The Department reserves the right to suspend the work at any time and request a meeting to discuss violations and remedies. The Department shall not be held responsible for any delay in the work due to any suspension under this item.

All other requirements under the Standard Specifications Section 652 will be a part of the lump sum item.

There will be no extra payment for this pay item after the expiration of contract time.

Payment will be made under:

| <u>Pay Item</u> | <u>Pay Unit</u> |
|----------------------------------|-----------------|
| 652.39 Work Zone Traffic Control | Lump Sum |

SPECIAL PROVISION
SECTION 652
MAINTENANCE OF TRAFFIC

Approaches. Approach signing for the work on the Interstate shall include the following signs

| | |
|-------------------|------------------------|
| Road Work 3 Miles | Road Work 500 Feet |
| Road Work 2 Miles | Road Work Next x Miles |
| Road Work 1 Mile | End Road Work |

Work Areas Interstate. At the work sites, signs, flashing arrow boards and channeling devices as shown on the Work Zone Signing details shall be used as directed by the Resident.

Signs Include:

Right or Left Lane Closed 2 Miles
Lane Ends 1 mile Merge Right or Left Now
Right or Left Lane Closed 1/2 Mile
Speed Limit 55*** ¹ (Existing speed limit signs will be covered when in use)
Fines Doubled*
Work Zone ¹
Do Not Pass*
Right/Left Merge Symbol (W 4-2)
End Work Zone ¹
Resume Speed
Exit (green with white legend and border)
Road Work Ahead ¹
Merging Traffic Symbol (At on-ramp in right lane closure)
Stop Ahead (At on-ramp in right lane closure)
Single Lane Ahead (At on-ramp in left lane closure)
Stop (At on-ramp in right lane closure)
Directional Arrows (At on-ramp in right lane closure)
Detour
End Detour
Bump
Trucks Entering
Stay In Lane*
Left Turning Trucks with 500 Feet Advisory Plate
Flagger Sign

* White with black legend and border

¹ In addition to work zone package these signs will also be required at the end of any on ramps that are within the lane closure

The preceding list of Approach signs and Work Area signs are representative of the contract requirements. Other sign legends may be required.

General Requirements-Interstate.

There shall be no diverting of traffic between northbound and southbound lanes. The Contractor shall provide a minimum traveled way width of 14 Feet through an expressway lane closure.

The maximum length of lane closure shall be 3 miles in length.

The contractor shall not use the Interstate crossovers to reverse direction.

Lane closures shall not be set up until work in the area is to be performed and must be removed when no work is being performed.

Lane closures shall be separated by at least 2 miles.

All construction work shall be confined to the lane closed to traffic.

Slow moving construction equipment may travel the closed lane for short distances, **ALL** vehicles shall be orientated with the flow of traffic unless otherwise authorized by the Resident.

All trucking shall be done in the lane open to traffic.

No equipment or vehicles of the Contractor, his Subcontractor or employees engaged in work on this contract, shall be parked or stopped on lanes carrying traffic, or on lanes or shoulders adjacent to lanes carrying traffic, at any time.

The Contractor shall keep all paved areas of the roadway as clear as possible at all times. The Contractor's personnel and equipment shall avoid crossing traffic lanes whenever possible.

Road Work Ahead signs shall be used on roads adjacent to the interstate when the Contractor is working on or near an on-ramp or when the on-ramp enters a lane closure area.

Off shift lane closures will not be permitted.

All temporary pavement marking lines or markers will be paid under Item 627.78 Temporary 6 Inch Painted Pavement Marking Line, White or Yellow or Item 627.78 Temporary 4 Inch Painted Pavement Marking Line, White or Yellow. TOM's will not be permitted.

Use of Interstate Crossovers will be at the discretion of the Department. Crossovers shall not be allowed to be utilized to change direction unless a closure package is installed in the

northbound passing lane according to Special Provision 652, incorporated into the contractor's traffic control plan, and authorized by the Department. Crossovers may not be used for storage areas.

The Contractor, his Subcontractor or employees shall conduct all work in a safe and professional manner as it relates to the traveling public (i.e. not adversely disrupting the flow of traffic in an unsafe manner when exiting or entering a lane closure or crossover, negative verbal or physical gestures).

The intent is that attenuator vehicles are to be used at all stationary operations and under most circumstances. They shall be rated for highway speeds. They shall be used in accordance with manufacturers' recommendations. The use of these vehicles shall be written into the contractor's traffic control plan. The cost for these vehicles shall be considered incidental to the traffic control plan. An example would be culvert work or guardrail replacement. Maximum distance between operations and attenuator vehicles will be 500'. Attenuators shall be present at the beginning of paving and milling operations. . The cost for these vehicles shall be considered incidental to Item 652.36.

Channelization. Channelization devices shall include the following:

Flashing Arrow Boards
Vertical Panel Markers
Drums

Channelization devices shall be installed and maintained at the spacing determined by the MUTCD to delineate travel lanes through the project. Vertical Panel markers shall be placed 2 feet from the outside edge of the shoulder on the passing lane at 600 feet intervals when the travel lane is closed in overnight lane closures. The vertical panel marker size shall be 12 inches x 36 inches. The bottom of these panels shall be 4' from the ground below. When directed by the Engineer, drums or other channelization devices shall be placed in the closed lane at a maximum spacing of 2 x speed limit.

Temporary Centerline or Edge Line. A temporary painted centerline and edge line shall be marked each day on all milled surfaces or new pavement to be used by traffic. The temporary line shall conform to the standard marking patterns used for permanent markings and will be paid for under Section 627. Failure to apply a temporary line daily will result in suspension of milling or paving until temporary markings are applied to all previously milled surfaces or placed pavement. In the event of inclement weather that would prevent markings to be applied, MaineDOT will determine the procedure to be followed and whether additional pavement may be removed or placed based upon safety, traffic volumes and patterns.

Item 627.30 Grooving for Pavement Markings must have a temporary painted centerline and edge line applied within according to the following guidelines:

One line grooved 48 hours of grooving
Two or more lines grooved 24 hours of grooving

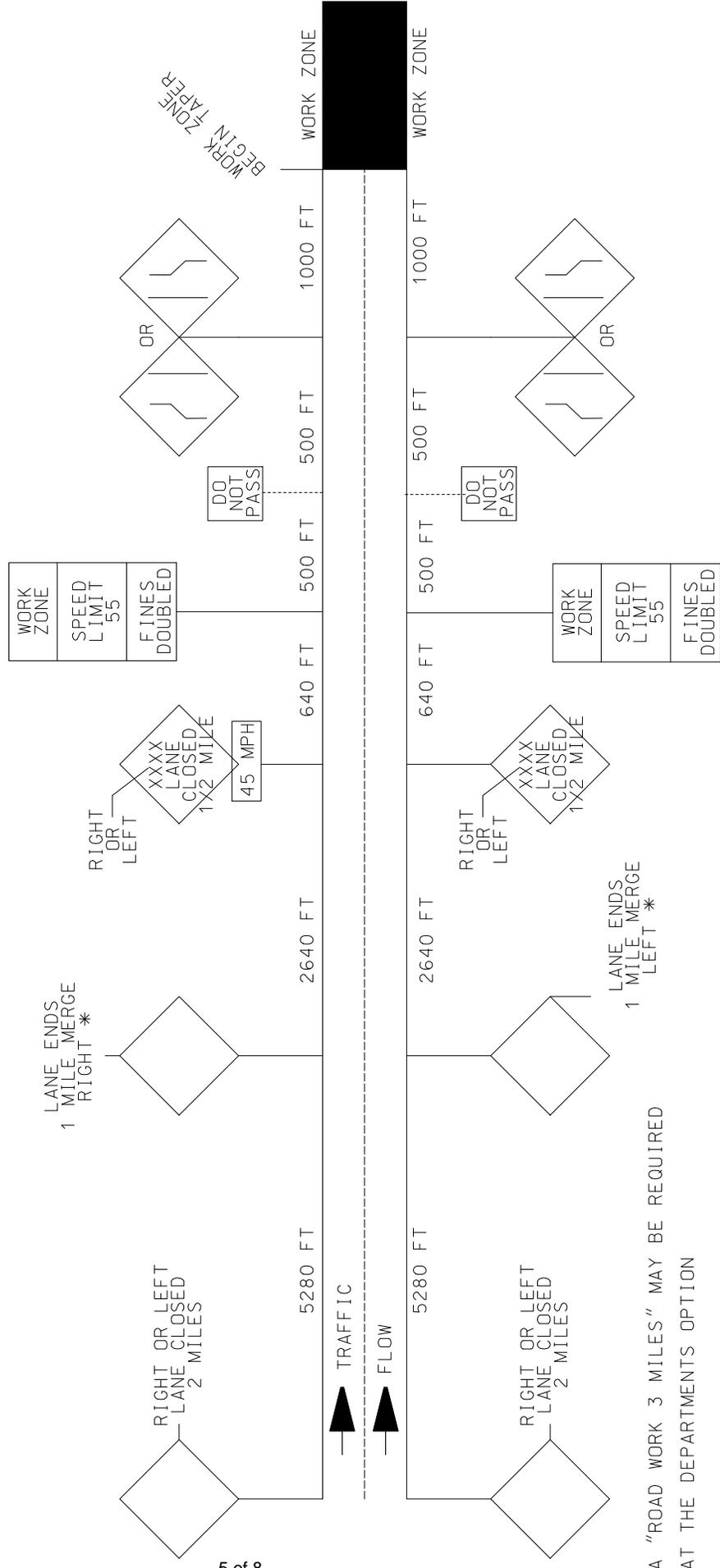
Under no circumstances shall this time span over a weekend or a no work period. Failure to comply with this will result in a traffic control violation until such line has been marked.

Roadside Recovery Area. The Contractor shall not store material nor park equipment within 15 feet of the edge of the established travel lanes.

No long term storage of equipment or material will be allowed within 30 feet of the edge of the established travel lanes. Short term storage of equipment or material less than 30 feet from the edge of the established travel lanes must be approved by the Department and shall be clearly marked by **drums and cones**. Short term storage shall be defined as less than 12 hours. No equipment or material will be allowed within 30 feet of the edge of the established travel lanes at night.

Speed Limits in Work Zones. The Contractor shall sign all approved reduced speed limits on construction project according to APM #431 - A Policy on the Establishment of Speed Limits in Work Zones.

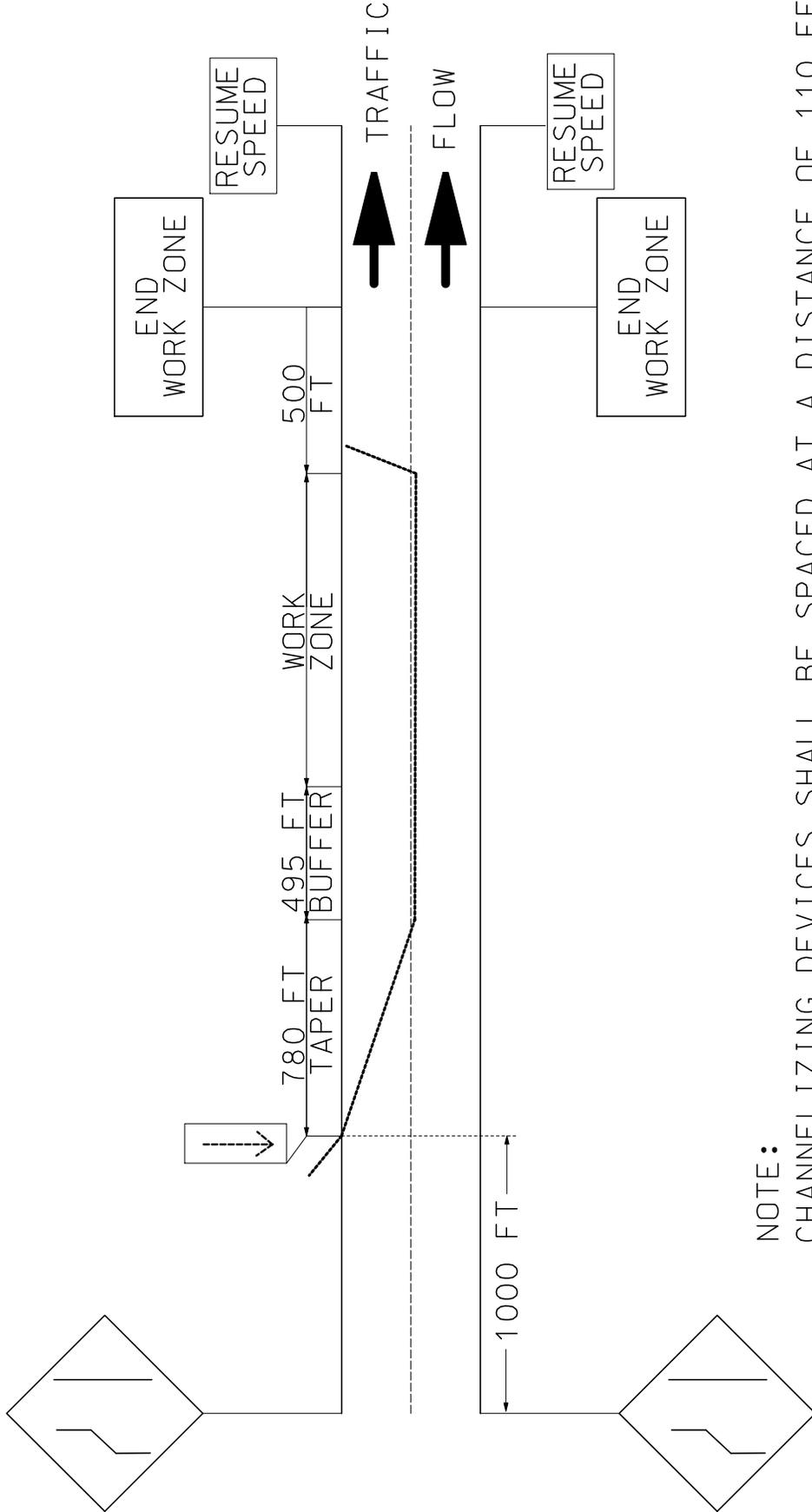
WORK ZONE SIGNING



A "ROAD WORK 3 MILES" MAY BE REQUIRED AT THE DEPARTMENT'S OPTION

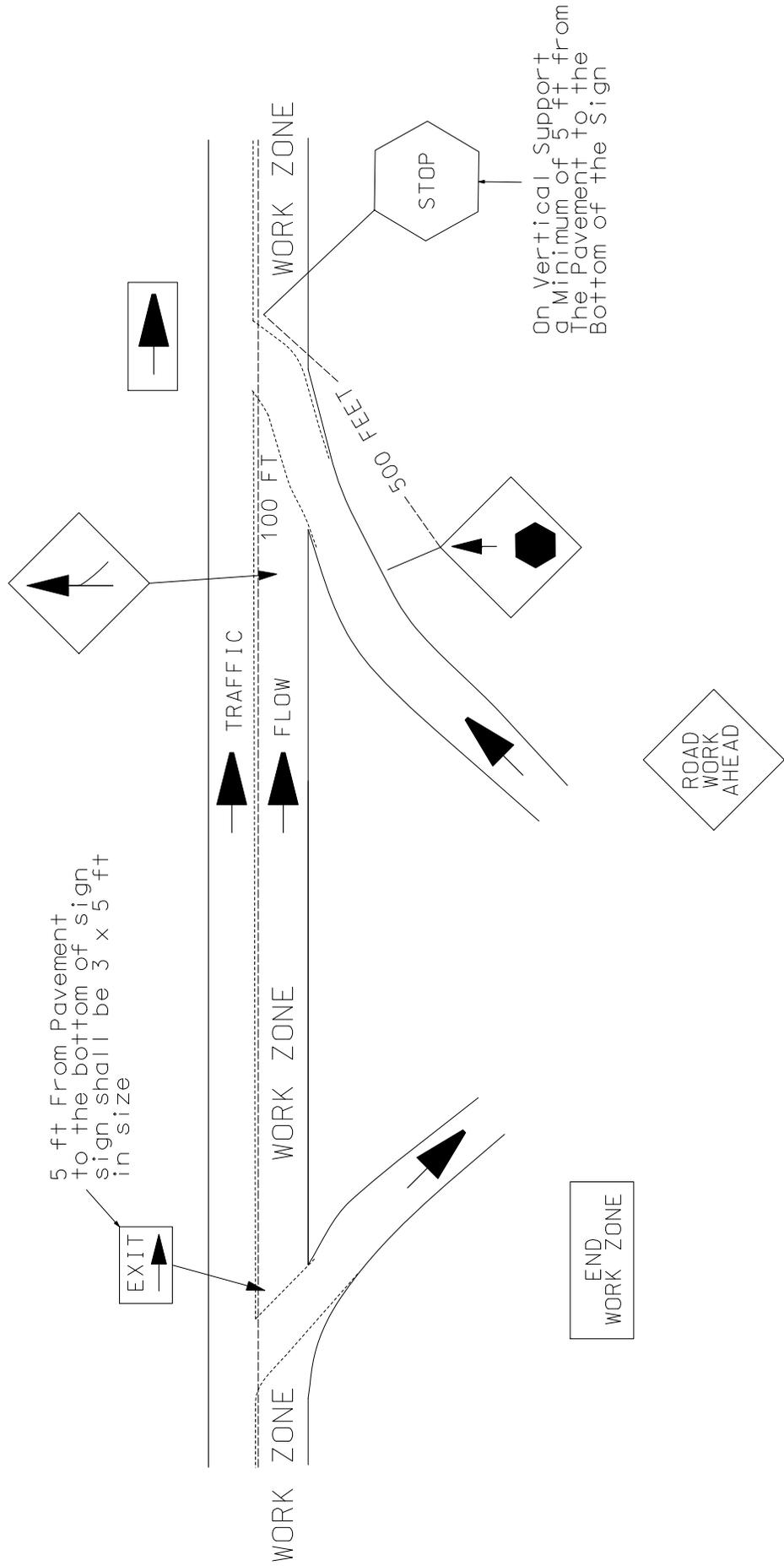
* LANE ENDS 1 MILE MERGE RIGHT OR LEFT SIGNS SHALL ONLY BE PLACED ON SIDE OF ROAD THAT NEEDS TO MERGE

WORK ZONE



NOTE:
 CHANNELIZING DEVICES SHALL BE SPACED AT A DISTANCE OF 110 FEET APART WITH 3 DEVICES ACROSS THE CLOSED LANE EVERY 1500 FEET. DEVICES IN THE TAPER SHALL BE SPACED AT 55 FEET APART.

RAMPS - RIGHT LANE CLOSED



RAMPS - LEFT LANE CLOSED

