

PICK

MISSISSIPPI DEPARTMENT OF TRANSPORTATION

Inter-Departmental Memorandum

TO: Roadway Design Division
Section Engineers

DATE: May 12, 1995

FROM: Roadway Design Engineer
John B. Pickering *J.B.P.*

SUBJECT OR PROJECT NO: Modification of Half-Scale Plans

INFORMATION COPY TO:

COUNTY:

Asst. Roadway Design Engineer
Quality Control Engineer
Files

As you already know, beginning with the June, 1995 Letting, the attached (working) sheet number TCP-11 should be in all plans that contain pavement marking quantities. The attached sheet has been revised; therefore, all plans that are already in Construction Division must be revised.

Attached also is a current list of half-scale plans already in Construction Division. Inform your squad leaders to insert the sheet TCP-11 or exchange sheet TCP-11 if it is already in the plans, and make a normal revision. Steve Reeves has reproducibles of the correct sheet.

If there are any questions, please advise.

JBP/db
Attachment

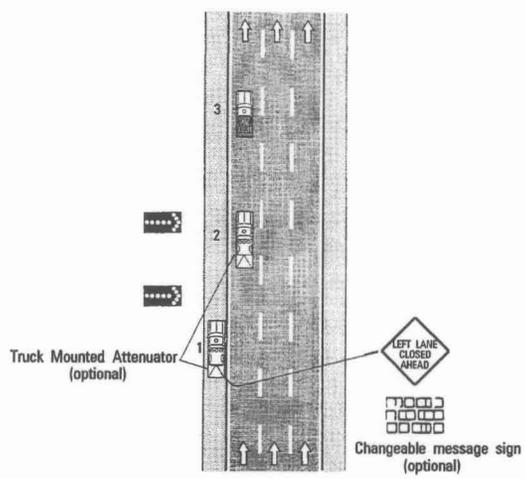


Figure TA-35. Mobile operation on multilane road.

GENERAL NOTES

MOBILE OPERATIONS ON MULTILANE ROAD

1. Vehicles used for these operations should be made highly visible with appropriate equipment, such as flashing lights, rotating beacons, flags, signs, or arrow panels.
2. Protection vehicle #1 should be equipped with an arrow panel. An appropriate lane closure sign should be placed on protection vehicle #1 so as not to obscure the arrow panel.
3. Protection vehicle #2 should be equipped with an arrow panel and truck-mounted attenuator.
4. Protection vehicle #3 should travel at a varying distance from the work operation so as to provide adequate sight distance for traffic approaching from the rear.
5. When adequate shoulder width is not available, protection vehicle #1 should be eliminated.
6. On high-speed roadways, a third protection vehicle should be used—vehicle #1 on the shoulder (if possible), vehicle #2 in the closed lane, and vehicle #3 in the closed lane.
7. Arrow panels shall be a minimum Type B, 60 inches by 30 inches (figure VI-9, section 6F-3, of Part VI, 1988 edition of MUTCD, revision 3, September 3, 1993).
8. Work should normally be done during off-peak hours.
9. All traffic control items shown on this sheet will not be measured for separate payment. This work is to be included in the price bid for maintenance of traffic.

VOID
SEE
DATE 6-7-95

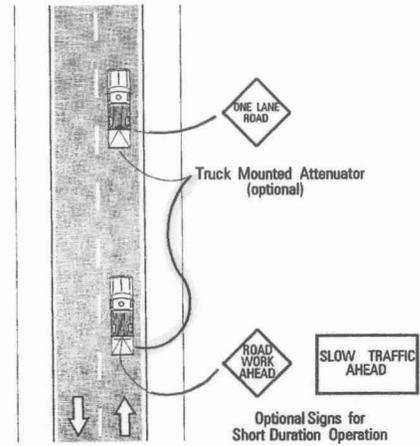


Figure TA-17. Mobile operations on two-lane road.

GENERAL NOTES

MOBILE OPERATIONS ON TWO-LANE ROAD

1. Where practicable and when needed, the work and protection vehicles should pull over periodically to allow traffic to pass. If this can not be done frequently, as an alternative, a DO NOT PASS sign may be placed on the rear of the vehicle blocking the lane.
2. The distance between the work and protection vehicles may vary according to terrain, paint drying time, and other factors. Protection vehicles are used to warn traffic of the operation ahead. Whenever adequate stopping sight distance exists to the rear, the protection vehicle should maintain the minimum distance and proceed at the same speed as the work vehicle. The protection vehicle should slow down in advance of vertical or horizontal curves that restrict sight distance.
3. Additional protection vehicles to warn and reduce the speed of oncoming or opposing traffic may be used. Police patrol cars may be used for this purpose.
4. A truck-mounted attenuator (TMA) should be used on the protection vehicle and should be considered on the work vehicle.
5. The work vehicle shall be equipped with beacons, and the protection vehicles should be equipped with a TMA and two high-intensity flashing lights mounted on the rear, adjacent to the sign. Protection and work vehicles should display flashing or rotating beacons both forward and to the rear.
6. Vehicle-mounted signs shall be mounted with the bottom of the sign, at a minimum height of 4 feet above the pavement. Sign legends shall be covered or turned from view when work is not in progress.
7. Arrow panels are optional and should be Type B, 60 inches by 30 inches.
8. All traffic control items shown on this sheet will not be measured for separate payment. This work is to be included in the price bid for maintenance of traffic.



MODE RWD-1 /DSP/RWD/RES/INT/TCP-11.dwg

MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
TRAFFIC CONTROL PLAN			
MOBILE OPERATIONS			
MULTILANE ROADS			
AND			
TWO-LANE ROADS			
DATE	DESIGNER	CHECKED	DATE
FILENAME:			
DESIGN TEAM		CHECKED	DATE 4-4-95
WORKING NUMBER			TCP-11
			SHEET NUMBER

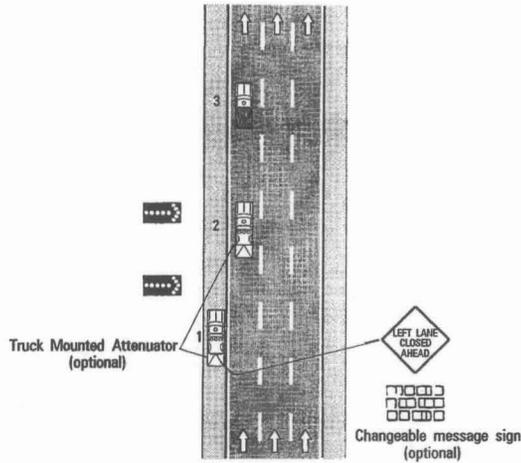


Figure TA-35. Mobile operation on multilane road.

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3. Protection vehicle #2 should be equipped with an arrow panel and truck-mounted attenuator.
4. Protection vehicle #1 should travel at a varying distance from the work operation so as to provide adequate sight distance for traffic approaching from the rear.
5. When adequate shoulder width is not available, protection vehicle #1 should be eliminated.
6. On high-speed roadways, a third protection vehicle should be used—vehicle #1 on the shoulder (if possible), vehicle #2 in the closed lane, and vehicle #3 in the closed lane.
7. Arrow panels shall be as a minimum Type B, 60 inches by 30 inches (figure VI-9, section 6F-3, of Part VI, 1988 edition of MUTCD, revision 3, September 3, 1993).
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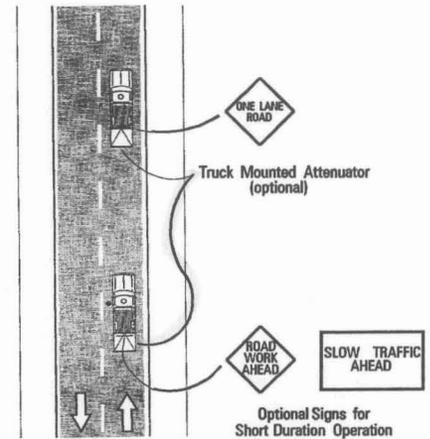


Figure TA-17. Mobile operations on two-lane road.

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MISSISSIPPI DEPARTMENT OF TRANSPORTATION			
TRAFFIC CONTROL PLAN			
MOBILE OPERATIONS			
MULTILANE ROADS			
AND			
TWO-LANE ROADS			
FILE NAME: _____			WORKING NUMBER
DESIGN TEAM _____			TCP-11
CHECKED _____			SHEET NUMBER
DATE 4-4-95			



CURRENT AS OF 5-12-95

* orig. plans rec'd. in CSD 9/20/93
 ** orig. plans rec'd. in CSD 3/22/95
 REV. 5/09/95

PLANS CURRENTLY IN SPECIFICATIONS
 SECTION OF CONSTRUCTION DIVISION

Proj. No.	County	Route	Date Small Blues Rec'd in CSD
District 1			
46-0011-03-052-10	Lowndes	US 82	8/25/93
97-0079-01-022-10	Clay & Monroe	US 45A	3/14/94
97-0079-02-016-10	Monroe	US 45A	3/14/94
17-0007-01-060-10	Tippah	US 72	1/19/95
91-1030-73-003-10	Union	Bridge Repair	2/7/95
M-91-1025-29-003-10	Itawamba	MS 25	4/17/95
M-91-1014-80-010-10	Winston	MS 14	4/17/95
District 2			
42-0007-01-061-10	Benton	US 72	1/23/95
85-0023-03-004-10	Carroll	MS 35	3/22/95
82-0709-00-005-10	Leflore	MS 430	3/22/95
M-94-0009-05-032-10	Tunica	US 61	4/10/95
94-0009-06-021-10	Desoto		
District 3			
91-3012-00-003-10	Washington & Sunflower	MS 12	1/31/95
46-0009-02-046-10	Warren	US 61	2/1/95
94-0009-02-048-10	PROJECT		
94-0011-01-049-10	Washington	US 82	3/22/95
94-0043-01-034-10	PROJECT	MS 1	
91-3020-75-015-10	Warren	Welcome Center	3/23/95
M-59-0055-01-064-10	Copiah	I-55	4/4/95
85-0512-00-006-10	Yazoo	MS 432	4/5/95
85-0009-02-041-10	Sharkey	US 61	5/09/95
District 5			
74-5038-62-001-10	Scott	Kalem Maint. RR	9/27/94
85-0036-01-011-10	Neshoba	MS 21	1/19/95
59-0055-02-158-10	Madison	I 55	3/22/95
46-0024-02-020-10	ONE PROJECT		
17-0002-03-045-10	Kemper	US 45	4/20/95
District 6			
85-0032-01-013-10	Pearl River	MS 43	9/4/92
79-6970-00-001-10	Jackson	Ingalls Access Rd.	6/22/93
59-0010-01-073-10	Hancock	I-10	11/8/93 *
46-0080-01-007-10		US 49	5/25/94
94-0003-01-094-10	Harrison	US 90	2/7/95
47-0008-01-057-10	Forrest	US 49	4/13/95 **

LEGEND → == LET IN APRIL.
 ~~~ TO BE LET IN MAY.

District 7

|                              |                      |                                         |                    |
|------------------------------|----------------------|-----------------------------------------|--------------------|
| 85-0163-00-001-10            | Amite                | MS 24                                   | 9/27/94            |
| 46-0039-02-025-10            | Smith                | MS 18                                   | 11/10/94           |
| 46-0054-01-037-10            | Lawrence             | MS 27                                   | 11/14/94           |
| 91-7043-39-009-10            | Lawrence             | MS 43                                   | 12/14/94           |
| 85-0037-01-035-10            | Jeff.Davis           | MS 13                                   | 12/28/94           |
| <del>17-0009-01-097-10</del> | <del>Wilkinson</del> | <del>US 61</del>                        | <del>1/26/95</del> |
| 73-7048-57-002-10            | Wilkinson & Pike     | Re-Roof.Trk. Scales<br>& Project Office | 1/27/95            |
| <del>97-0014-01-058-10</del> | <del>Walthall</del>  | <del>US 98</del>                        | <del>2/28/95</del> |
| 17-0009-01-077-10            | Wilkinson            | US 61                                   | 3/22/95            |
| 97-0014-01-060-10            | Pike & Walthall      | US 98                                   | 4/28/95            |