

Support Figure: Pilot Car Method

- Always use appropriate typical application within section “Work Within the Traveled Way of a Two-Lane Highway” when using a pilot car.
- **Pilot Car Method:**
 - Flaggers will stop traffic following the standard procedures and hold the vehicles until the pilot car arrives.
 - The pilot car will move to the head of the line of waiting vehicles and flagger will release the vehicles to follow the pilot car back to the other flagger.
 - After the line of cars has passed the flagger station and there is a gap in traffic, the flagger will again stop the oncoming traffic and hold the vehicles until the pilot car returns.
- **PILOT CAR FOLLOW ME Sign:**
 - Always use PILOT CAR FOLLOW ME (G20-4) sign. The sign is mounted on the top or on the rear of the pilot car.
- **PILOT CAR IN USE WAIT & FOLLOW (GO20-4a) Sign:**
 - The 42 in. X 30 in. PILOT CAR IN USE WAIT & FOLLOW (GO20-4a) signs are required on all state routes and may be used on any non-state routes. The 18 in. X 12 in. PILOT CAR IN USE WAIT & FOLLOW (GO20-4a) may be used on all other non-state routes (city streets, county roads, etc.).

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| For other operations, refer to: |
| <ul style="list-style-type: none">• Mobile:<ol style="list-style-type: none">1. EPG 616.8.17M (TA-17M) Mobile Operation on a Two-Lane Highway.• Short Duration (60 minutes or less):<ol style="list-style-type: none">1. EPG 616.8.10SD (TA-10SD) Short Duration Lane Closure on a Two-Lane Highway using Flaggers.2. 616.8.10SDAFAD (TA-10SDAFAD) Short Duration Lane Closure on a Two-Lane Highway using Automated Flagger Assistance Devices (AFAD).3. EPG 616.8.10TMASD (TA-10TMASD) Short Duration Lane Closure on a Two-Lane Highway using TMA Flaggers.• Stationary:<ol style="list-style-type: none">1. 616.8.10S (TA-10S) Stationary Lane Closure on a Two-Lane Highway using Flaggers.2. 616.8.10SAFAD (TA-10SAFAD) Stationary Lane Closure on a Two-Lane Highway using Automated Flagger Assistance Devices (AFADs).3. 616.8.10STMA1 (TA-10STMA1) Stationary Lane Closure on a Two-Lane Highway using a TMA Flagger.4. 616.8.10STMA2 (TA-10STMA2) Stationary Lane Closure on a Two-Lane Highway Using Multiple TMA Flaggers• Support Figure:<ol style="list-style-type: none">1. Side Roads Entering Work Zones.2. Lane Closure on a Two-Lane Highway 3 Mile Flagging Scenarios.3. Flagger Control for Resurfacing or Moving Operations on a Two-Lane Highway.• Pilot Car Brochure:<ol style="list-style-type: none">1. 616.5.3.7 Pilot Vehicle |

1. EPG 616.8.17M (TA-17M) Mobile Operation on a Two-Lane Highway.
1. EPG 616.8.10SD (TA-10SD) Short Duration Lane Closure on a Two-Lane Highway using Flaggers.
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3. EPG 616.8.10TMASD (TA-10TMASD) Short Duration Lane Closure on a Two-Lane Highway using TMA Flaggers.

1. 616.8.10S (TA-10S) Stationary Lane Closure on a Two-Lane Highway using Flaggers.
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1. Side Roads Entering Work Zones.
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3. Flagger Control for Resurfacing or Moving Operations on a Two-Lane Highway.

1. 616.5.3.7 Pilot Vehicle

Support Figure: Pilot Car Method

| SPEED | SIGN SPACING (ft.) | TAPER LENGTH (ft.) | RECOMMENDED | CHANNELIZER SPACING (ft.) |
|------------------------|----------------------|------------------------------------|-------------------------|-----------------------------|
| Permanent Posted (mph) | Two-Lane Two-Way (S) | Shoulder (1) (T1) Lane (2) (T2) | Buffer Length (ft.) (B) | Tapers Buffer/Work Areas |
| 0-35 | 200 | 35 | 100 | 250 |
| 40-45 | 350 | 35 | 100 | 360 |
| 50-55 | 500 | 35 | 100 | 495 |
| 60-70 | 1000 | 35 | 100 | 730 |

1. Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.

| TYPE OF ROADWAY | SIGN HEIGHT (MINIMUM) | MAXIMUM WORK ZONE LENGTH (L) |
|--------------------------------|-----------------------|------------------------------|
| URBAN | 1' Portable 7' Post | 1 Mi. |
| RURAL TWO-LANE TWO-WAY ROADWAY | 1' Portable 5' Post | 3 Mi. |

