

Diagram illustrating the placement of a **SIGNAL WORK AHEAD** sign (W20-1, 48 IN X 48 IN) at a T-intersection.

The diagram shows a T-intersection with a north arrow pointing towards the top right. A **Work Vehicle** is positioned on the crossroad.

The **SIGNAL WORK AHEAD** sign (W20-1, 48 IN X 48 IN) is placed on the approach road, with a distance **A** indicated between the sign and the intersection. The sign is labeled with an asterisk (*).

Another **SIGNAL WORK AHEAD** sign (W20-1, 48 IN X 48 IN) is placed on the crossroad, labeled with an asterisk (*) and a circled 'b'.

See Note #13

This sheet shall be used with the Temporary Traffic Control General Notes Sheets TTC-00(A), TTC-00(B), TTC-00(C), TTC-00(D), and other Temporary Traffic Control Sheets as appropriate.

- 8) Place "Road Work Ahead" (W20-1) sign prior to an intersecting alternate route, no more than 1500 feet from the work area.
- 9) All sign height shall be at least 7 feet in business, commercial, and residential areas and also near parking, pedestrians, bicyclists, or other obstructions.
- 10) All work must be done during off-peak hours.
- 11) The contractor shall not work on both through lanes at the same time.
- 12) For signal work on a multi-lane roadway greater than 1 hour, see TTC-09 or TTC-10.
- 13) If the expected or actual queue length exceeds the distance in Table 2C-3 in the MUTCD, place an additional "Signal Work Ahead" (W20-1) sign at the end of the queue.
- 14) For two-lane two-way roadways, a police car with flashing lights and 2 police officers will be required for intersection traffic control.
- 15) Left turn lanes shall be closed whenever work is being performed in path of left hand turner.
- 16) Position of work vehicle may vary according to work required.

The diagram illustrates a four-way intersection with the following details:

- Intersection Layout:** A central intersection with four approach lanes. The left and right approaches have two lanes each, while the top and bottom approaches have one lane each.
- Traffic Flow:** Arrows indicate traffic flow. On the left approach, the top lane flows left and the bottom lane flows right. On the right approach, the top lane flows left and the bottom lane flows right. The top and bottom approaches have single-lane traffic flow indicated by arrows pointing towards the intersection.
- Signal Locations:** Four circular signal heads are positioned at the corners of the intersection. A hatched rectangular area is located on the right side of the intersection, near the bottom-right corner.
- Work Vehicle:** A vehicle labeled "Work Vehicle" is shown on the right approach, moving towards the intersection.
- Signage:** A diamond-shaped sign labeled "SIGNAL WORK AHEAD" is located on the left approach. A dimension line labeled "A" indicates the distance from the sign to the intersection. A note "See Note #13" is placed near the sign. A small asterisk (*) is located above the sign.
- Sign Details:** Below the sign, the text "W20-1" and "48 IN X 48 IN" is provided.

**** For posted speed over 45 mph, use TMA.**

SPEED LIMIT (prior to construction)	SPACING
	A
≤ 40 mph	125 FT
45-50 mph	350 FT
≥ 55 mph	500 FT

- Traffic Sign
- Work Vehicle
- Truck with Flashing Arrow Panel
- Work Area
- Direction of Travel
- Traffic Signal

ALL TTC STANDARDS SHOW MINIMUM CONSTRUCTION SIGNING.
ALL SITUATIONS SHALL BE REVIEWED AND/OR DESIGNED BY THE ENGINEER.
CONTRACTORS ARE RESPONSIBLE FOR COMPLYING WITH ALL TTC STANDARDS.