1. Work operations shall be confined to one traffic lane, except for haul road crossings, leaving the opposite lane open to traffic.

2. The installation and timing of signals shall be approved by the District Traffic Operations Engineer prior to signals being placed in operation.

   Where sight distance to the signal is limited, the signals may be mounted on span wire or relocated at the discretion of the Engineer.

   Whether the signals are in automatic mode or being controlled manually, in no case will the distance between the portable signals (receiver/controllers) exceed the maximum distance at which both of the portable signals can be positively and safely operated.

3. Additional signals or flaggers may be required to assure safe movements between traffic and operating equipment, as determined by the Engineer.

4. An additional warning sign may be required in advance of the ROAD WORK AHEAD sign, as determined by the Engineer. The distance between successive signs shall be 500'.

5. The SIGNAL AHEAD legend sign may be substituted for the symbol sign.

6. SIGNAL AHEAD and EQUIPMENT CROSSING AHEAD signs are to be removed or fully covered when no work is being performed and the highway is open to two-way traffic. Type III Barricades shall be in place to block haul road access when the haul road is not in operation and a flagger/signal operator is not on duty, except when the haul road is an existing properly marked road.

7. When a side road intersects the highway within the TTC zone, additional TTC devices shall be placed in accordance with other applicable TCZ indexes.

8. For general TCZ requirements and additional information, refer to Index No. 600.

9. Span wire signals are to be used only in work zones where workers are present, where the contractor can monitor signal operation and maintain traffic with flaggers in the event of a power failure.

10. Use Temporary Raised Rumble Strips in accordance with Index 600, General Note #3.

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES WILL ENCROACH ON ONE LANE OR MOMENTARILY ENCROACH ON BOTH LANES OF A TWO-LANE TWO-WAY ROADWAY AND TRAFFIC SIGNALS ARE NEEDED.
SINGLE LANE CLOSURE • ROADWAY AND BRIDGES ALL LENGTHS

PORTABLE SIGNAL

0.25 Mile (Max.) See General Note No. 2

Varies (To Provide Width Needed for Turning Trucks)

100 Min.

80 Min.

150 Max.

500

500

1000 Min.

1000 Max.

STOP

24" White ReflectORIZED Preformed
Mat Or Pavement Marking Tape
(Location To Suit Signal Position)

Portable Signal

Type I Or Type II Barricades Or Vertical Panels
Or Drums At 50' Centers

Cones Or Tubular Markers At 25' Centers

All Transition Barricades Or Tubular
Markers At 25' Centers Max.

500' Min.

500' Max.

1000' Min.

1000' Max.

SIDE ROAD

See General Note No. 7
SINGLE LANE CLOSURE • ROADWAY AND BRIDGES ALL LENGTHS

24" White Reflectorized Preformed Mat Or Pavement Marking Tape (Location To Suit Signal Position)

Portable Signal  

Side Road  
See General Note No. 2

0.25 Mile Max. See General Note No. 2

24" White Reflectorized Preformed Mat Or Pavement Marking Tape (Location To Suit Signal Position)

Signal Operator/Flagger

Mat Or Pavement Marking Tape 24" White Reflectorized Preformed

Portable Signal

SINGLE LANE CLOSURE • SHORT BRIDGES

24" White Reflectorized Preformed Mat Or Pavement Marking Tape (Location To Suit Signal Position)

Signal Operator/Flagger

Mat Or Pavement Marking Tape 24" White Reflectorized Preformed

Portable Signal
24" White ReflectORIZED Preformed Mat Or Pavement Marking Tape (Location To Suit Signal Position)  
See General Note No. 2

Supplemental Flagger  
See General Note No. 3

Span Wire Signal

Varies To Suit Normal, Skewed Or Offset Crossing Conditions  
See General Note No. 2

Road Ahead (Configuration Varies)  
ROAD WORK AHEAD

Haul Road (Configuration Varies)  
Haul Road (Configuration Varies)

1000' Max.  
500' Min.  
1000' Max.

24" White ReflectORIZED Preformed Mat Or Pavement Marking Tape (Location To Suit Signal Position)  
Signal Operator/Flagger When Haul Route In Operation - See General Note No. 6

Span Wire Signal  
Haul Road (Configuration Varies)

MOMENTARY ROADWAY CLOSURE • HAUL ROUTE CROSSING