

**PHASE I**

1. Maintain two-lane two-way traffic along existing facility. Install construction signing.
2. Remark existing pavement to facilitate temporary pavement construction. For lane width requirements see Index No. 600.
3. Construct temporary pavement of sufficient width to accommodate two-lane two-way traffic on the temporary pavement and a portion of the existing pavement during Phase I roadway construction. When two-lane two-way traffic can not be maintained during temporary pavement construction one-lane operations shall be maintained in accordance with Index No. 605. Channelizing devices shall be in conformance with 'Drop-Offs in Work Zones' of Index No. 600.
4. Mark the pavement in accordance with the Phase I diagram. Reroute through traffic to the temporary pavement and a portion of the existing pavement. For lane width requirements see Index No. 600.
5. Construct two lanes of the proposed roadway, excluding the friction course. Side street traffic to be maintained. Through and cross traffic to be controlled in accordance with Index Nos. 604, 605 and 615. Barricading shall be in conformance with 'Drop-Offs in Work Zones', Index No. 600. When work extends through an intersection, temporarily reroute the cross traffic to other cross streets. When rerouting is not possible, provide one-lane access (minimum) for two-lane two-way cross streets and one-lane access (minimum) each direction for four-lane two-way cross streets, in accordance with Index Nos. 604, 605 and 615.

**SYMBOLS**

- Channelizing Device (See Index No. 600)
- ⊘ Type III Barricade
- Work Zone Sign
- ▬ Stop Bar
- ⇒ Lane Identification + Direction of Traffic

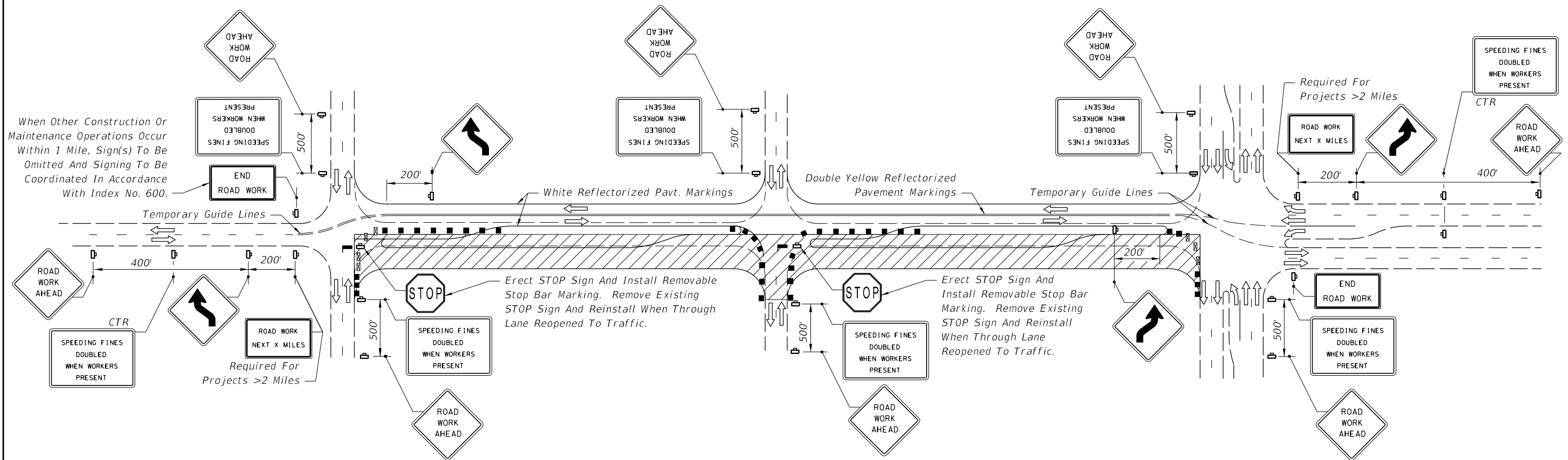
**LEGEND**

- Phase I Construction
- Phase II Construction
- Phase III Construction

See Sheet 3 for General Notes.

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LAST REVISION <b>07/01/15</b>	REVISION	DESCRIPTION:	 <b>FY 2017-18</b> <b>DESIGN STANDARDS</b>	<b>CONVERTING TWO LANES TO FOUR LANES</b> <b>DIVIDED, URBAN</b>	INDEX NO. <b>641</b>	SHEET NO. <b>1 of 3</b>
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When Other Construction Or Maintenance Operations Occur Within 1 Mile, Sign(s) To Be Omitted And Signing To Be Coordinated In Accordance With Index No. 600.

**PHASE II**

1. Sign and mark Phase I pavement in accordance with the Phase II diagram. For lane width requirements see Index No. 600.
2. Reroute through traffic to Phase I pavement.
3. Complete all Phase II construction, including the friction course. Side street traffic to be maintained. Through and cross traffic to be controlled in accordance with Index Nos. 604, 605 and 615. Channelizing devices shall be in conformance with 'Drop-Offs in Work Zones' of Index No. 600. When work extends through an intersection, temporarily reroute cross traffic to other cross streets. When rerouting is not possible, provide one-lane access (minimum) for two-lane two-way cross streets and one-lane access (minimum) each direction for four-lane two-way cross streets, in accordance with Index Nos. 604, 605 and 615.

**SYMBOLS**

- Channelizing Device (See Index No. 600)
- ⊠ Type III Barricade
- Work Zone Sign
- Stop Bar
- Lane Identification + Direction of Traffic

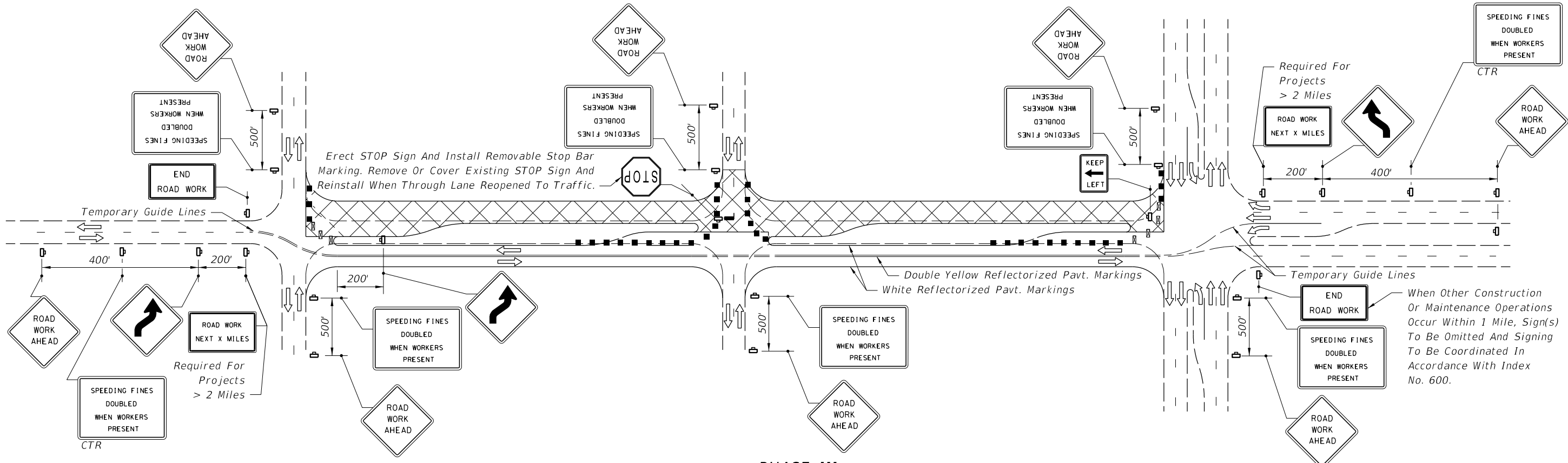
**LEGEND**

- Phase I Construction
- Phase II Construction
- Phase III Construction

See Sheet 3 for General Notes.

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LAST REVISION 07/01/15	REVISION	DESCRIPTION:	 FY 2017-18 DESIGN STANDARDS	CONVERTING TWO LANES TO FOUR LANES DIVIDED, URBAN	INDEX NO. 641	SHEET NO. 2 of 3
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**PHASE III**

1. Sign and mark Phase II pavement in accordance with the Phase III diagram.
2. Reroute through traffic to Phase II pavement.
3. Construct friction course over Phase I pavement. Side street traffic to be maintained. Through and cross traffic to be controlled in accordance with Index Nos. 604, 605 or 615. When work extends through an intersection, temporarily reroute cross traffic to other cross streets. When rerouting is not possible, provide one-lane access (minimum) for two-lane two-way cross streets and one-lane across (minimum) each direction for four-lane two-way cross streets.

**GENERAL NOTES**

1. All signing, pavement marking, and barricades necessary for maintenance of traffic shall conform to Index No. 600.
2. Lane widths for maintenance of two-way traffic should desirably be equal to lane widths of the existing facility, but lanes shall not be less than 10' in width. When one-lane one-way operations are necessary, a minimum width of 12' should be maintained and traffic controlled in accordance with Index Nos. 604, 605 or 615.
3. At signalized intersections, signals shall be directed or relocated as required to the center of relocated lanes.
4. For reflectorized raised pavement marker application, see Index Nos. 600 and 17352.
5. Additional barricades, signing, lighting or other traffic controls for limited work areas shall be provided in accordance with other applicable TCZ Indexes as conditions warrant in each phase.
6. Provisions approved by the Engineer shall be made for the removal of storm water from the roadway(s) during construction.
7. For general TCZ requirements and additional information, refer to Index No. 600.

**SYMBOLS**

- Channelizing Device (See Index No. 600)
- ▣ Type III Barricade
- Ⓜ Work Zone Sign
- ▬ Stop Bar
- ➡ Lane Identification + Direction of Traffic

**LEGEND**

- Phase I Construction
- Phase II Construction
- Phase III Construction

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LAST REVISION <b>07/01/15</b>	REVISION	DESCRIPTION:	 <b>FY 2017-18</b> <b>DESIGN STANDARDS</b>	<b>CONVERTING TWO LANES TO FOUR LANES</b> <b>DIVIDED, URBAN</b>	INDEX NO. <b>641</b>	SHEET NO. <b>3 of 3</b>
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