

## 616.8.8W (TA-8W) Water over Road Closure

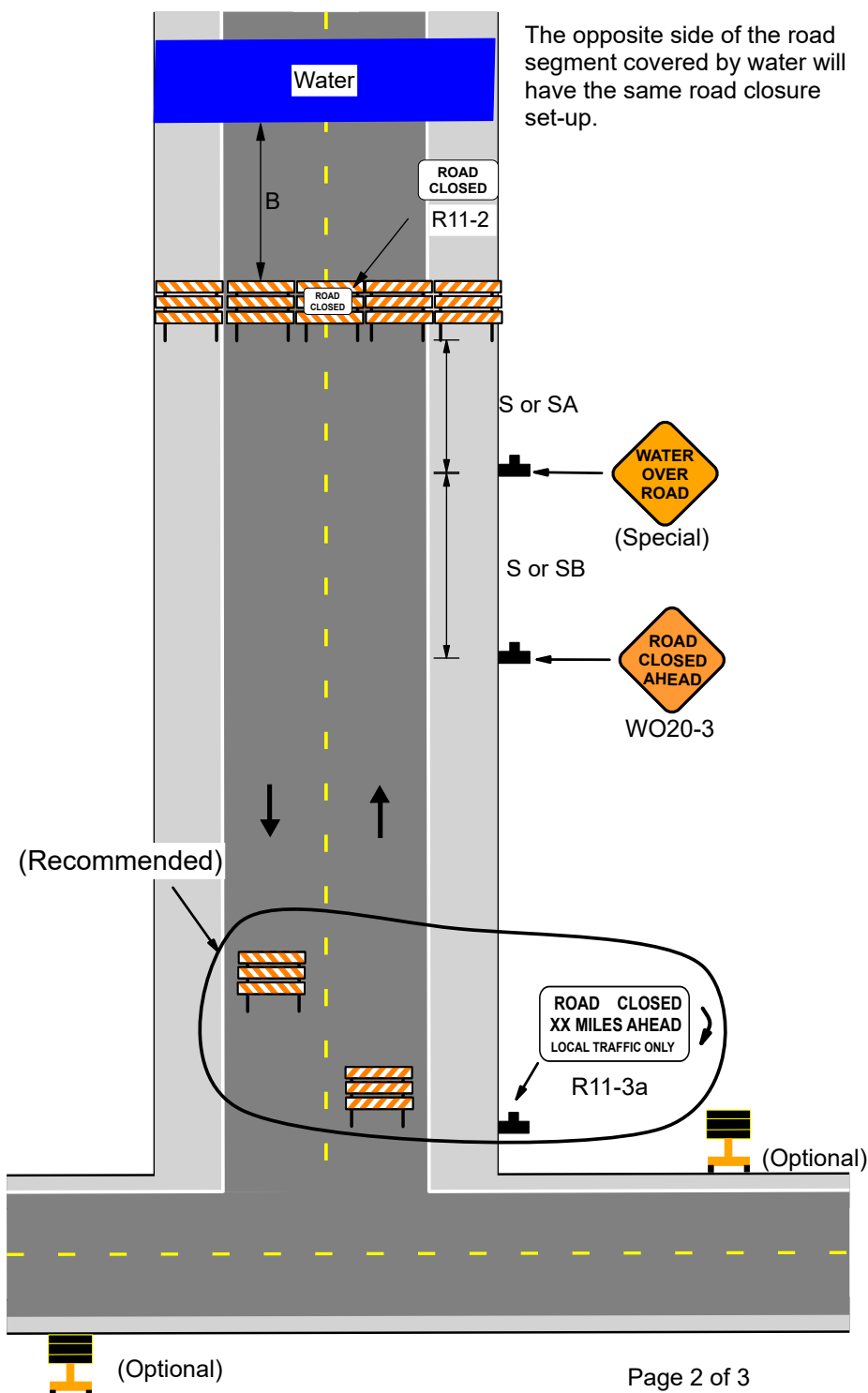
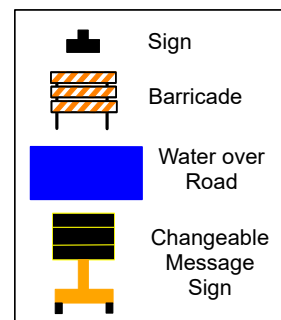
- **Always use advance warning signs:**
  1. Use EPG 616.17M (TA-17M) Mobile Operation on Two-lane Highways for placement or flipping/changing sign messages on advance warning signs.
  2. If the ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY or ROAD CLOSED TO THRU TRAFFIC sign is used, place it at the first state route.
  3. Changeable Message Signs may be use in advance of the nearest state route intersection.
- **Always use crashworthy barricades to close entire driving surface including the shoulder at the full closure:**
  1. Use lightweight ROAD CLOSED sign placed on the center barricade located at the full closure or place rigid sign 7 to 10 feet behind the barricades at the sign height appropriate for the roadway type.
- **Off-set barricades are recommended. If off-set barricades are used, always install “Road Closed” signs at the nearest state route intersection:**
  1. ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY or ROAD CLOSED TO THRU TRAFFIC sign is always used with off-set barricades.
  2. ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY or ROAD CLOSED TO THRU TRAFFIC sign may be installed on Type 3 Barricade as shown in Support Figure - Type 3 Barricade with ROAD CLOSED and DETOUR Signs or place the signs as shown on page 2.
  3. Additional barricades can be staggered at other intersections in advance of the full closure at the discretion of the supervisor, work zone specialist, or engineer.
- **For water over road situations, permanent hinged signs may be considered at locations which experience recurring flooding.**
  1. Review EPG 903.3.28 for installation of hinge signs.
- **For long-term closures, consider using detour signing to direct traffic around the closure.**

<b>For other operations, refer to:</b>
<ul style="list-style-type: none"><li>• <b>Road Closure with Barrier:</b><ol style="list-style-type: none"><li>1. EPG 616.8.8A (TA-8A) Road Closure.</li><li>2. EPG 616.8.8B (TA-8B) Road Closure with Barrier.</li><li>3. EPG 606.1.3.5 Closures of Existing Streets, Roads, Bridges or Non-Traversable Roads.</li></ol></li><li>• <b>Long-Term Closures:</b><ol style="list-style-type: none"><li>1. EPG 616.3.9 Detours and Diversions.</li><li>2. EPG 616.6.19 Detour sign.</li></ol></li><li>• <b>Refer to the following standard plans for additional guidance:</b><ol style="list-style-type: none"><li>1. Standard Plan 616.10 Temporary Traffic Control Devices for Type 3 barricades.</li></ol></li></ul>

## 616.8.8W (TA-8W) Water Over Road Closure (Temporary Installation for Infrequent Flooding)

SPEED	SIGN SPACING (ft.)		RECOMMENDED
Permanent Posted (mph)	Two-Lane Two-Way (S)	Multi-Lane (S)	Buffer Length (ft.) (B)
0-35	200	200	250
40-45	350	500	360
50-55	500	1000	495
60-70	1000	SA - 1000 SB - 1500 SC - 2640	730

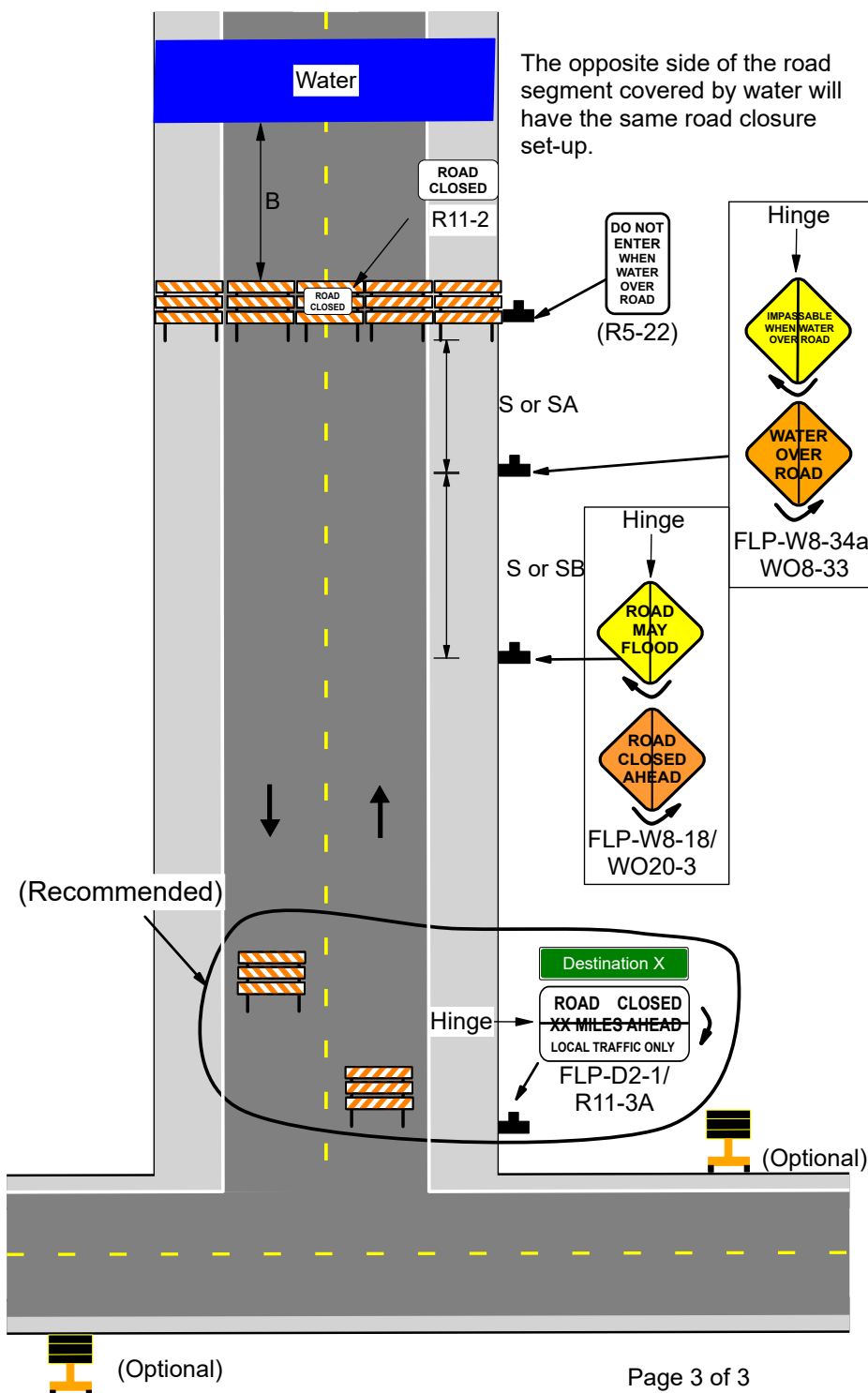
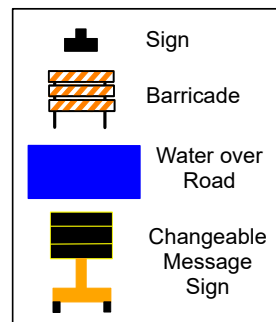
TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)
URBAN	1' Portable 7' Post
RURAL MULTI-LANE ROADWAY	1' Portable 7' Post
RURAL TWO-LANE TWO-WAY ROADWAY	1' Portable 5' Post



## 616.8.8W (TA-8W) Water Over Road Closure (Permanent Sign Installation for Frequent Flooding)

SPEED	SIGN SPACING (ft.)		RECOMMENDED
Permanent Posted (mph)	Two-Lane Two-Way (S)	Multi-Lane (S)	Buffer Length (ft.) (B)
0-35	200	200	250
40-45	350	500	360
50-55	500	1000	495
60-70	1000	SA - 1000 SB - 1500 SC - 2640	730

TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)
URBAN	1' Portable 7' Post
RURAL MULTI-LANE ROADWAY	1' Portable 7' Post
RURAL TWO-LANE TWO-WAY ROADWAY	1' Portable 5' Post



Date:

Type of Work:

Location:

Work Zone Specialist:

Field Notes: