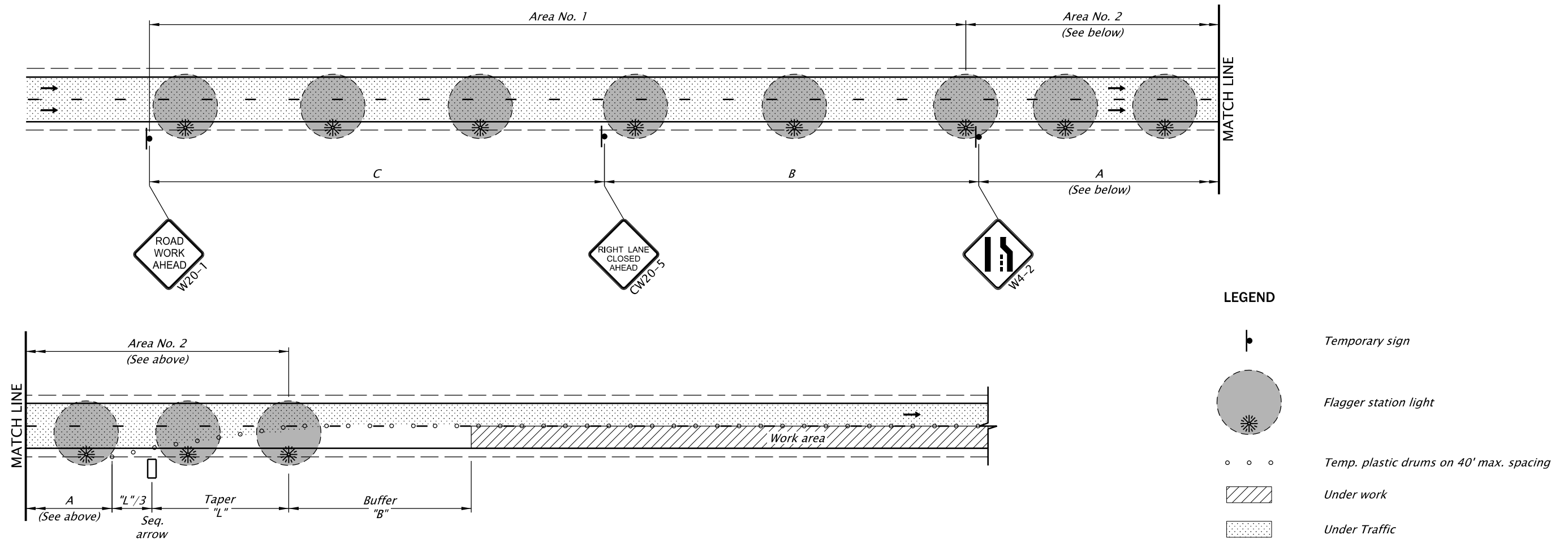




WORK ZONE PRESENCE LIGHTING DETAIL

NOTES:

1. To determine Taper Length ("L"), Buffer Length ("B") and sign spacings A, B and C, see "TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE on Dwg. No. TM800.
2. Use flagger station lighting that conforms to the requirements of Section 00227 for work zone presence lighting.
3. Install work zone presence lighting at the spacings shown in "PRESENCE LIGHTING SPACING TABLE".
4. Place work zone presence lighting on the left side of the roadway when the active work on the left side.
4. Area No. 1 begins at the initial "ROAD WORK AHEAD" sign, and extends to initial lane closure sign. (e.g. "RIGHT LANE CLOSED AHEAD")
5. Area No. 2 begins at the initial lane closure sign, and extends to the downstream end of the lane closure taper.
6. If system lights are to remain in place on the roadway shoulder when lane closure not present, delineate according to the "Flagger Station Lighting Delineation" detail shown on dwg. no. TM800.
7. Actual flagger station lighting unit quantity and placement will vary based on Light Output and Maximum Spacing as shown in the chart. Drawing not to scale.

PRESENCE LIGHTING SPACING TABLE

Light output (Lumens)	Minimum Illuminated Fixture Surface Area (sq. ft.)	Maximum Spacing (ft.)	
		Area No. 1	Area No. 2
14K to 35K	4	640	480
35.1K to 60K	5	800	640
60K +	6	1000	800

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.



OREGON DEPARTMENT OF TRANSPORTATION
TECHNICAL SERVICES
DETAILS

WORK ZONE PRESENCE LIGHTING

DETAIL NO.

DET4772