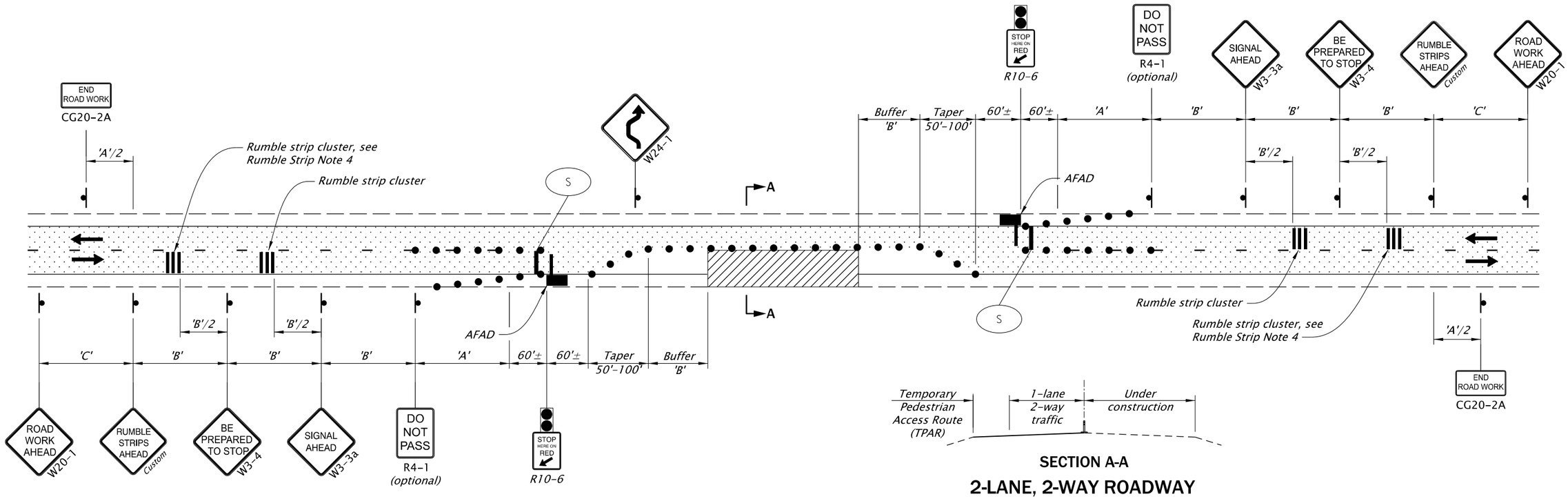
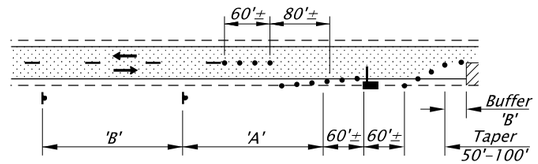
DET4700.dgn 22-APR-2024



SECTION A-A
2-LANE, 2-WAY ROADWAY ONE LANE CLOSURE



OVER-DIMENSIONAL VEHICLE ACCOMMODATION DETAIL

NOTES FOR DESIGNERS INFORMATION ONLY

REMOVE THESE NOTES FROM THIS SHEET, NOT FOR CONTRACT PLANS.

Include DET4710 for Rumble Strip Cluster Information

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. *Flagger station shall be delineated according to "FLAGGER STATION" detail shown on Std. Dwg. TM800.*
2. *An AFAD operator shall be provided for each AFAD. A single operator may not simultaneously operate two AFADs.*
3. *Bottom of lens housing shall be a minimum of 7 feet above surface when mounted on shoulder and at least 17 feet above any portion of the travel lane.*
4. *The gate arm shall cover at least one half of the approaching vehicle travel lane.*
5. *Signing and other Traffic Control Devices (TCD) installed in conjunction with the work area, shall move with the work area.*
6. *Use 1/3 'L' taper for shoulder closure, where necessary.*
7. *For Taper Length ('L') and Buffer Length ('B') shown on this sheet, use the "MINIMUM LENGTHS TABLE" shown on Std. Dwg. TM800.*
8. *The AFAD operator shall be a certified flagger who has been trained in the operation of the AFAD in use.*
9. *Do not use the AFAD to control more than one lane of approaching traffic.*
10. *Operator shall operate AFAD from a designated area. Designated area should maintain visual presence of the AFAD and should be at least 50' feet away from the AFAD and have an escape route available for the operator.*
11. *Remove existing striping and install temporary striping as required.*
12. *See "TRAFFIC CONTROL DEVICES (TCD) SPACING TABLE" on Std. Dwg. TM800 for sign spacing 'A', 'B', and 'C'.*
13. *Cover existing passing lane signing, as directed.*
14. *When extended traffic queues develop during AFAD operations, protect traffic by providing advance flaggers(s) and signing according to the "Extended Traffic Queues Detail" shown on Dwg. No. TM850.*
15. *When AFAD is not in use for less than one work shift, turn off AFAD, or switch YELLOW lens to flashing mode, and cover or remove all accompanying signing.*
16. *When AFAD is not in use for longer than one work shift, remove AFAD and all accompanying signing from the roadway.*
17. *Use temporary pavement markings or a white portable rumble strip for temporary stop line. Remove temporary stop line when AFAD is no longer in use.*
18. *Tubular markers along centerline placed in advance of AFAD to first sign are optional, unless the DO NOT PASS sign is used.*

RUMBLE STRIP NOTES:

1. *Install rumble strips as shown.*
2. *DO NOT use white or other colored material for temporary rumble strips. Use black material only.*
3. *As directed, "BUMP" signs (W8-1) may be placed at each rumble strip cluster for additional warning.*
4. *Rumble strip cluster is optional on roads with Annual Average Daily Traffic (AADT) less than 4,000.*

LEGEND

- S — *Install temporary 12-inch white stop bar 10 feet back from AFAD (optional)*
- • • • • • — *28-inch tubular markers See TCD spacing table on Std. Dwg. TM800 for maximum spacing*
- *Under traffic*
- *Under construction*
- *Automated Flagger Assistance Device (AFAD)*

OREGON DEPARTMENT OF TRANSPORTATION

ENGINEERING AND TECHNICAL SERVICES BRANCH

AFAD WITH TEMPORARY RUMBLE STRIPS 2-LANE, 2-WAY ROADWAY

DETAIL NO.

DET4700