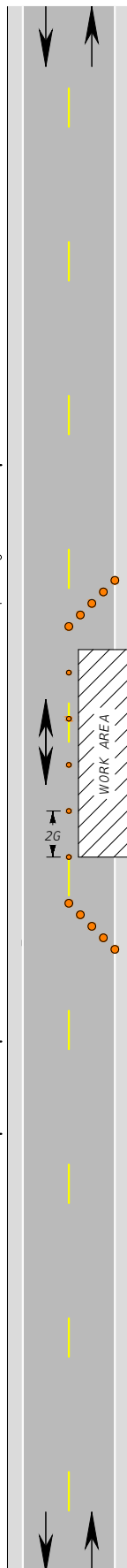
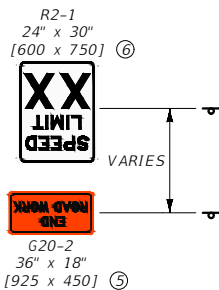
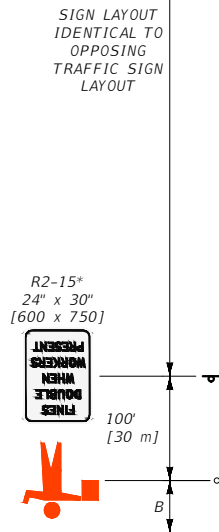


POSTED SPEED LIMIT FOR WORK ZONE	SIGN SPACING (A)	SPACING OF CHANNELIZING DEVICES (MAX.) (G) **	BUFFER SPACE ③ (B)
(M.P.H.)	FEET [m]	FEET [m]	FEET [m]
25	100 [30]	25 [7.6]	155 [45]
35	100 [30]	35 [10.7]	250 [75]
45	350 [105]	45 [14]	360 [110]

** SPACE ALL CHANNELIZING DEVICES AT "G" UNLESS OTHERWISE NOTED.

NOTES:

- ① USE THIS SIGN LAYOUT IN URBAN APPLICATIONS ONLY. USE THE RURAL, OPEN ROADWAY SIGNING DETAILS WHEN HIGHER SPEED LIMITS ARE USED.
- ② INCLUDE SPEED LIMIT SIGNS ONLY IF THERE IS A REASON TO RESTRICT SPEED. COVER CONFLICTING EXISTING SPEED LIMIT SIGNS.
- ③ THE BUFFER SPACE MAY BE INCREASED FOR DOWNGRADES AND OTHER CONDITIONS AFFECTING STOPPING DISTANCE.
- ④ LARGER SIGN SIZES MAY BE APPROVED BY THE PROJECT MANAGER.
- ⑤ PLACE "END ROADWORK" SIGN AT END OF PROJECT LIMITS.
- ⑥ POST EXISTING SPEED LIMIT IF CHANGED BY WORK ZONE.
- ⑦ AMBER LED FLASHERS MUST MEET STANDARD SPECIFICATION SECTION 715 AND DTL. DWG. 618-01 REQUIREMENTS.



IF PEDESTRIAN
TRAFFIC IS IMPACTED,
SEE DTL. DWG. 618-U05

LEGEND

- - FLEXIBLE GUIDE POSTS
- - PLASTIC DRUMS
- * - DENOTES SIGNS UNIQUE TO MONTANA.
- XX - SPEED DETERMINED BY THE PROJECT MANAGER.
(25 M.P.H. OR 35 M.P.H. OR 45 M.P.H.)

UNITS SHOWN IN BRACKETS [] ARE
METRIC AND ARE IN MILLIMETERS (mm)
UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWINGS

REFERENCE DWG. NO.
STANDARD SPEC. 618-U01
SECTION 618

**LANE CLOSURE-FLAGGER
CONTROLLED (URBAN TWO-
LANE, TWO-WAY ROAD)**

EFFECTIVE: JAN 23, 2020



MONTANA
Department of Transportation

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JUN 27, 2024

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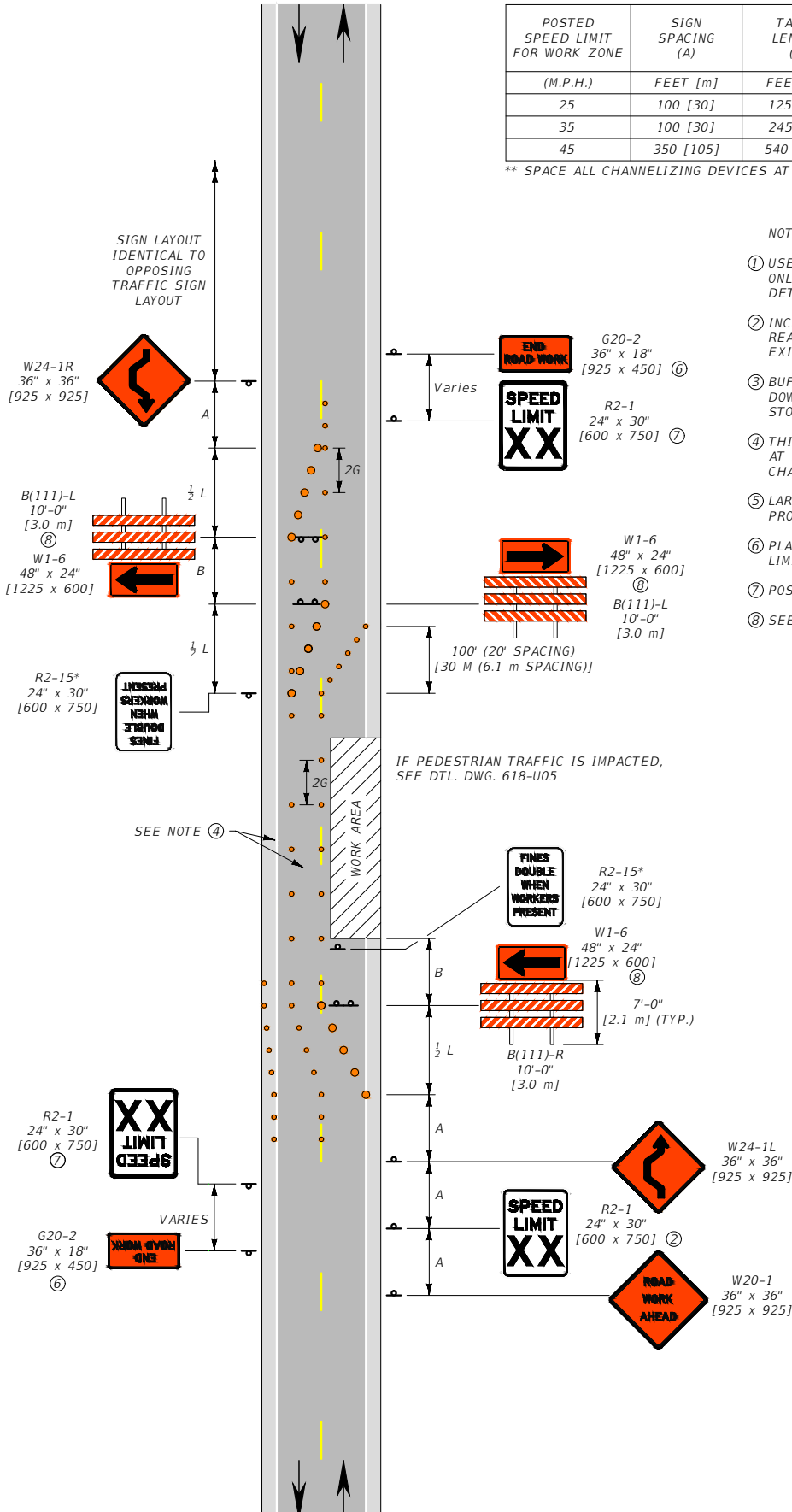
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POSTED SPEED LIMIT FOR WORK ZONE	SIGN SPACING (A)	TAPER LENGTH (L)	SPACING OF CHANNELIZING DEVICES (MAX.) (G) **	BUFFER SPACE ③ (B)
(M.P.H.)	FEET [m]	FEET [m]	FEET [m]	FEET [m]
25	100 [30]	125 [40]	25 [7.6]	155 [45]
35	100 [30]	245 [75]	35 [10.7]	250 [75]
45	350 [105]	540 [165]	45 [14]	360 [110]

** SPACE ALL CHANNELIZING DEVICES AT "G" UNLESS OTHERWISE NOTED.

NOTES:

- ① USE THIS SIGN LAYOUT IN URBAN APPLICATIONS ONLY. USE THE RURAL, OPEN ROADWAY SIGNING DETAILS WHEN HIGHER SPEED LIMITS ARE USED.
- ② INCLUDE SPEED LIMIT SIGNS ONLY IF THERE IS A REASON TO RESTRICT SPEED. COVER CONFLICTING EXISTING SPEED LIMIT SIGNS.
- ③ BUFFER SPACE MAY BE INCREASED FOR DOWNGRADES AND OTHER CONDITIONS AFFECTING STOPPING DISTANCE.
- ④ THIS LAYOUT SHOULD ONLY BE USED WHEN THERE IS AT LEAST 10' [3.0 m] IN WIDTH BETWEEN THE CHANNELIZING DEVICES AND THE EDGE OF PAVEMENT.
- ⑤ LARGER SIGN SIZES MAY BE APPROVED BY THE PROJECT MANAGER.
- ⑥ PLACE "END ROAD WORK" SIGNS AT END OF PROJECT LIMITS.
- ⑦ POST EXISTING SPEED LIMIT IF CHANGED BY WORK ZONE.
- ⑧ SEE DTL. DWG. 618-03.



LEGEND

- - FLEXIBLE GUIDE POSTS
- - PLASTIC DRUMS
- * - DENOTES SIGNS UNIQUE TO MONTANA.
- XX - SPEED DETERMINED BY THE PROJECT MANAGER.
(25 M.P.H. OR 35 M.P.H. OR 45 M.P.H.)

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWINGS

REFERENCE DWG. NO.
STANDARD SPEC. 618-U02
SECTION 618

WORK ZONE OCCUPIES ONE
HALF OF ROAD (LOW SPEED
URBAN TWO-LANE, TWO-WAY
ROAD)

EFFECTIVE: JAN 23, 2020



MONTANA
Department of Transportation

--REVISED--
JUN 27, 2024

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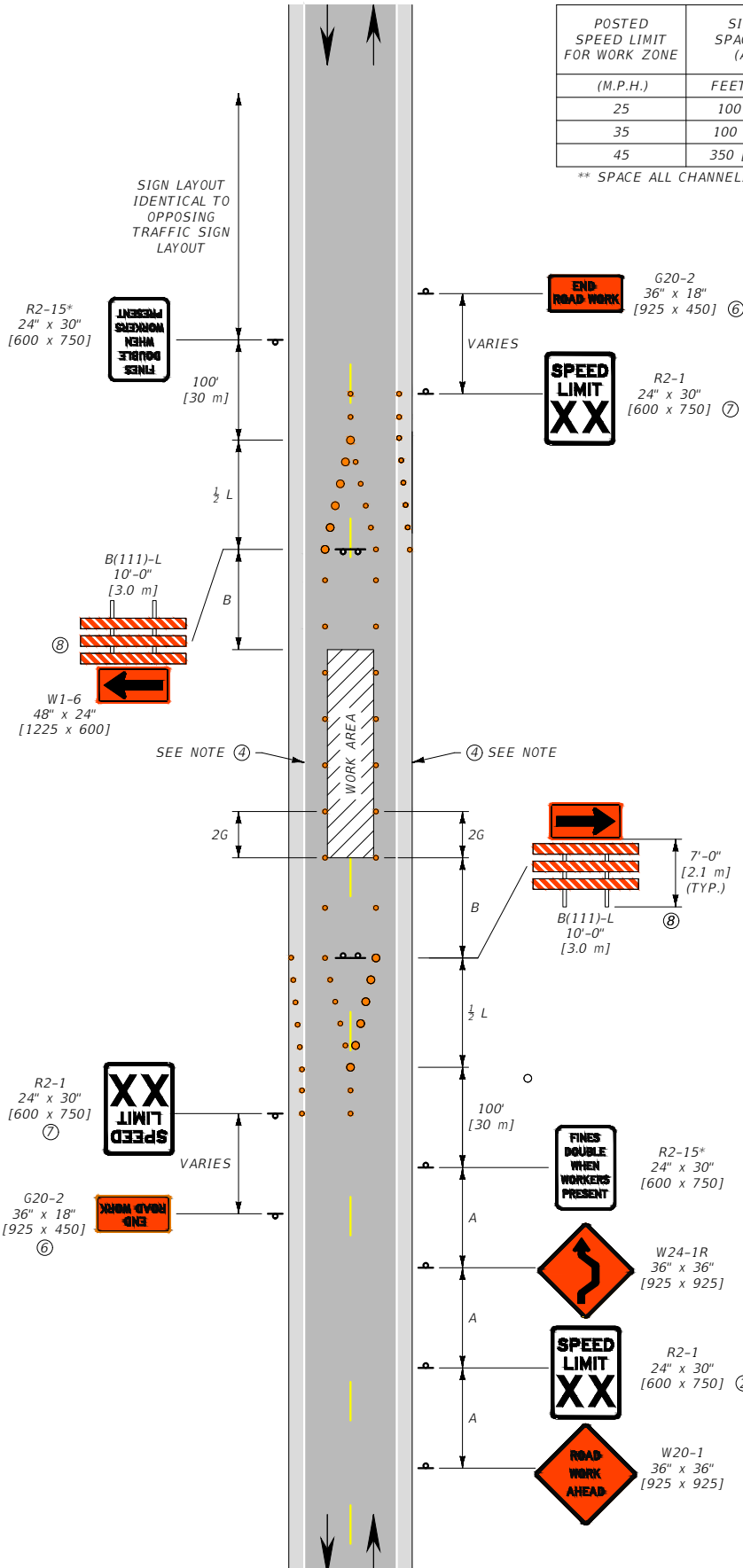
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POSTED SPEED LIMIT FOR WORK ZONE	SIGN SPACING (A)	TAPER LENGTH (L)	SPACING OF CHANNELIZING DEVICES (MAX.) (G) **	BUFFER SPACE ③ (B)
(M.P.H.)	FEET [m]	FEET [m]	FEET [m]	FEET [m]
25	100 [3]	125 [40]	25 [7.6]	155 [45]
35	100 [30]	245 [75]	35 [10.7]	250 [75]
45	350 [105]	540 [165]	45 [14]	360 [110]

** SPACE ALL CHANNELIZING DEVICES AT "G" UNLESS OTHERWISE NOTED.

NOTES:

- ① USE THIS SIGN LAYOUT IN URBAN APPLICATIONS ONLY. USE THE RURAL, OPEN ROADWAY SIGNING DETAILS WHEN HIGHER SPEED LIMITS ARE USED.
- ② INCLUDE SPEED LIMIT SIGNS ONLY IF THERE IS A REASON TO RESTRICT SPEED. COVER CONFLICTING EXISTING SPEED LIMIT SIGNS.
- ③ BUFFER SPACE MAY BE INCREASED FOR DOWNGRADES AND OTHER CONDITIONS AFFECTING STOPPING DISTANCE.
- ④ USE THIS SIGN LAYOUT ONLY WHEN AT LEAST 10' [3 m] SEPARATION EXISTS BETWEEN THE CHANNELIZING DEVICES AND THE EDGE OF PAVEMENT. PROVIDE NO PARKING SIGNS WHEN APPROPRIATE.
- ⑤ LARGER SIGNS MAY BE APPROVED BY THE PROJECT MANAGER.
- ⑥ PLACE "END ROAD WORK" SIGNS AT END OF PROJECT LIMITS.
- ⑦ POST EXISTING SPEED LIMIT IF CHANGED BY WORK ZONE.
- ⑧ SEE DTL. DWG. 608-03.



LEGEND

- - FLEXIBLE GUIDE POSTS
- - PLASTIC DRUMS
- * - DENOTES SIGNS UNIQUE TO MONTANA.
- XX - SPEED DETERMINED BY THE PROJECT MANAGER.
(25 M.P.H. OR 35 M.P.H. OR 45 M.P.H.)

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWINGS

REFERENCE DWG. NO.
STANDARD SPEC. 618-U03
SECTION 618

**WORK ZONE IN CENTER OF
ROAD (URBAN TWO-LANE,
TWO-WAY ROAD)**

EFFECTIVE: JAN 23, 2020



MONTANA
Department of Transportation

--REVISED--
JUN 27, 2024

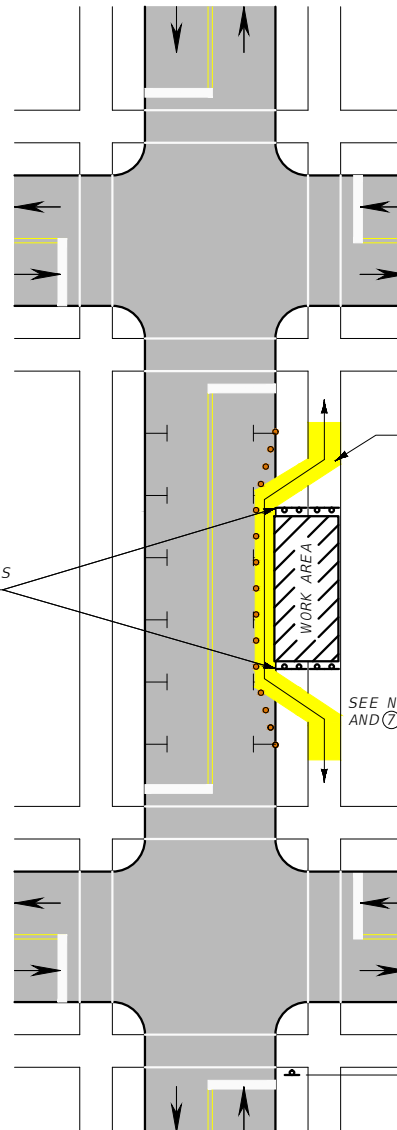
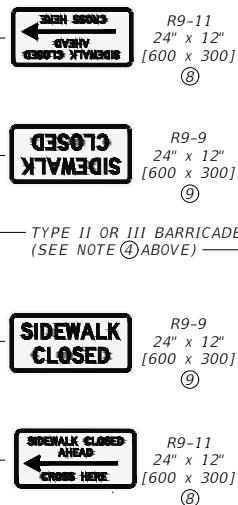
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- ① MINIMAL TRAFFIC CONTROL DEVICES CONTROLLING PEDESTRIAN FLOWS ARE SHOWN. OTHER DEVICES MAY BE NEEDED TO CONTROL TRAFFIC ON THE STREETS. USE THE APPROPRIATE PARKING LANE CLOSURE WHEN NEEDED.
- ② DO NOT DIRECT PEDESTRIANS INTO A LANE OF MOVING TRAFFIC.
- ③ WHERE SPEEDS EXCEED 25 M.P.H., PHYSICAL BARRIERS SHOULD BE USED TO SEPARATE THE TEMPORARY WALKWAY FROM VEHICULAR TRAFFIC. FLEXIBLE GUIDE POSTS WITH DETECTABLE EDGING IS THE MINIMUM REQUIREMENT FOR SEPARATION. PROVIDE LARGER PHYSICAL BARRIERS, AS DETERMINED BY THE PROJECT MANAGER, ON A CASE BY CASE BASIS.
- ④ SEE DTL. DWG. 618-03.
- ⑤ PROVIDE A PHYSICAL BARRIER, WITH A MINIMUM 6 INCH [150 mm] HEIGHT DETECTABLE EDGING, BETWEEN THE PEDESTRIAN DETOUR WALKWAY AND THE WORK AREA. PROVIDE LARGER PHYSICAL BARRIERS TO PROTECT PEDESTRIANS FROM HAZARDS IN THE WORK AREA, AS DETERMINED BY THE PROJECT MANAGER.

- BYPASS WALKWAY PROVIDED
THROUGH WORK ZONE (6)

The diagram shows a road layout with a central grey area. A yellow line runs vertically through the center. A hatched rectangular area is labeled "WORK AREA". Arrows indicate traffic flow. The diagram is divided into four quadrants by a central vertical line and a horizontal line. The central grey area is a large rectangle. The yellow line is a vertical line. The hatched area is a rectangle labeled "WORK AREA". Arrows indicate traffic flow. The diagram is divided into four quadrants by a central vertical line and a horizontal line.



SEE NOTES (3) (5)
AND (7) ABOVE

**ROAD
WORK
AHEAD**

W20-1
36" x 36"
[925 x 925]
(OPTIONAL)

W20-1
36" x 36"
[925 x 925]

REFERENCE	DWG. NO.
STANDARD SPEC.	618-U05
SECTION 618	

**SIDEWALK CLOSURES AND
BYPASS WALKWAY**

EFFECTIVE: JAN 23, 2020



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Department of Transportation

--REVISED--
JUN 27, 2024

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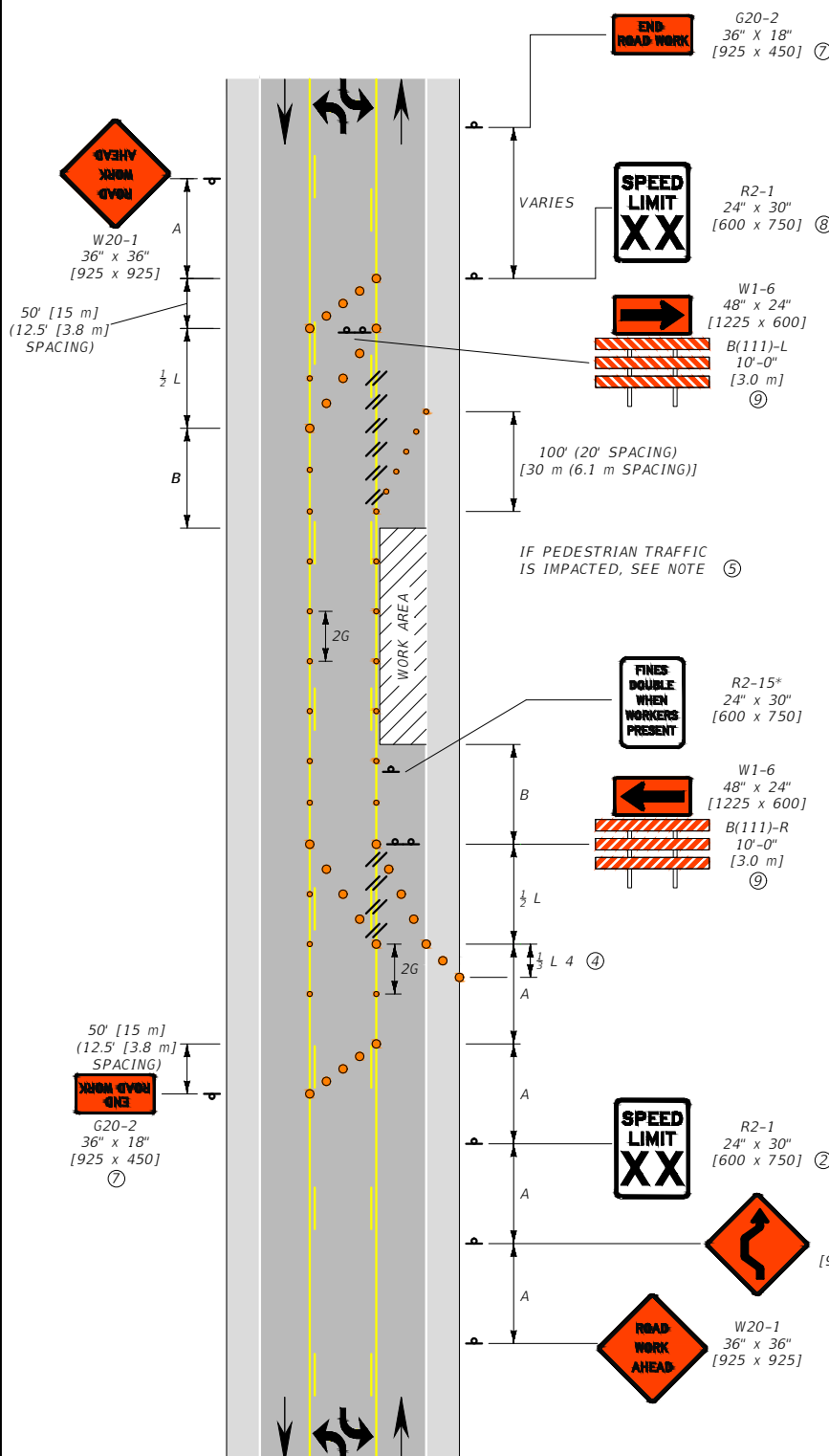
LEGEND

- *FLEXIBLE GUIDE POSTS*

UNITS SHOWN IN BRACKETS [] ARE
METRIC AND ARE IN MILLIMETERS (mm)
UNLESS OTHER UNITS ARE SHOWN.

POSTED SPEED LIMIT FOR WORK ZONE	SIGN SPACING (A)	TAPER LENGTH (L)	SPACING OF CHANNELIZING DEVICES (MAX.) (G) **	BUFFER SPACE ③ (B)
(M.P.H.)	FEET [m]	FEET [m]	FEET [m]	FEET [m]
25	100 [30]	125 [40]	25 [7.6]	155 [45]
35	100 [30]	245 [75]	35 [10.7]	250 [75]
45	350 [105]	540 [165]	45 [14]	360 [110]

** SPACE ALL CHANNELIZING DEVICES AT "G" UNLESS OTHERWISE NOTED.



NOTES:

- ① USE SPEED LIMIT SIGNS ONLY IF SPEED MUST BE RESTRICTED. USE THE RURAL, OPEN ROADWAY SIGNING DETAILS WHEN HIGHER SPEED LIMITS ARE USED.
- ② USE SPEED LIMIT SIGNS ONLY IF SPEED MUST BE RESTRICTED. COVER OR REMOVE CONFLICTING EXISTING SPEED LIMIT SIGNS.
- ③ BUFFER SPACE MAY BE INCREASED FOR DOWNGRADES AND OTHER CONDITIONS AFFECTING STOPPING DISTANCE.
- ④ SHOULDER TAPER MAY BE OMITTED IF PAVED SHOULDER IS LESS THAN 8' [2.4 m] WIDE.
- ⑤ IF PEDESTRIAN TRAFFIC IS IMPACTED SEE DTL. DWG. 618-U05.
- ⑥ LARGER SIGN SIZES MAY BE APPROVED BY THE PROJECT MANAGER.
- ⑦ PLACE "END ROADWORK" SIGNS AT END OF PROJECT LIMITS.
- ⑧ POST EXISTING SPEED LIMIT IF CHANGED BY WORK ZONE.
- ⑨ SEE DTL. DWG. 618-03.

LEGEND

- - FLEXIBLE GUIDE POSTS
 - - PLASTIC DRUMS
 - * - DENOTES SIGNS UNIQUE TO MONTANA.
- SPEED DETERMINED BY THE PROJECT
XX - MANAGER.
(25 M.P.H. OR 35 M.P.H. OR 45 M.P.H.)
- // - OBLITERATE CONFLICTING PAVEMENT MARKINGS WHEN WORK OPERATION IS LONGER THAN 3 DAYS.
(DO NOT REMOVE THERMOPLASTIC)

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWINGS

REFERENCE DWG. NO.
STANDARD SPEC. 618-U15
SECTION 618

LANE CLOSURE (URBAN
TWO-LANE, TWO-WAY ROAD
WITH TWO-WAY LEFT TURN
LANE)

EFFECTIVE: JAN 23, 2020



MONTANA
Department of Transportation

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JUN 27, 2024

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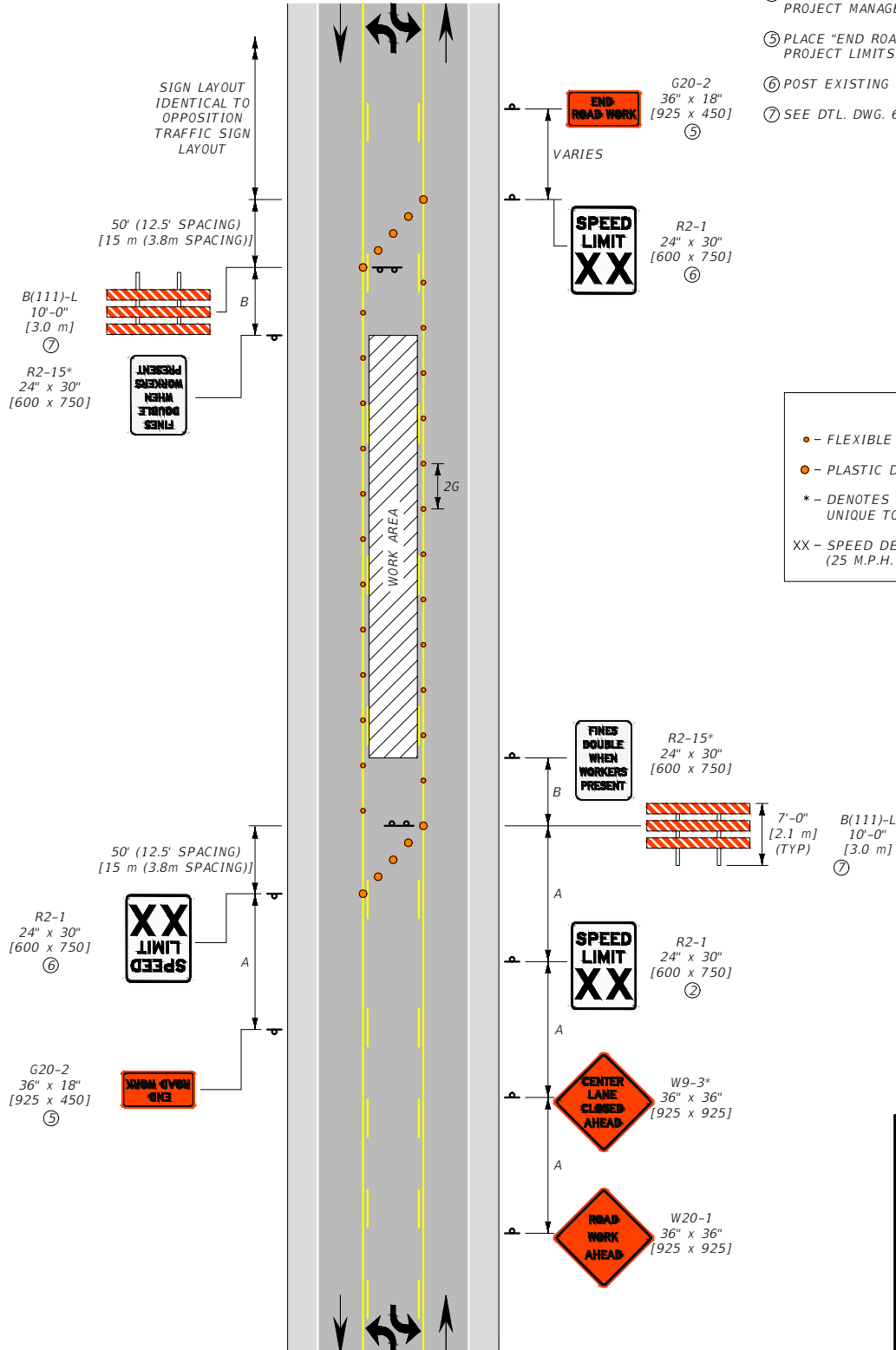
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POSTED SPEED LIMIT FOR WORK ZONE	SIGN SPACING (A)	TAPER LENGTH (L)	SPACING OF CHANNELIZING DEVICES (MAX.) (G) **	BUFFER SPACE ③ (B)
(M.P.H.)	FEET [m]	FEET [m]	FEET [m]	FEET [m]
25	100 [30]	125 [40]	25 [7.6]	155 [45]
35	100 [30]	245 [75]	35 [10.7]	250 [75]
45	350 [105]	540 [165]	45 [14]	360 [110]

** SPACE ALL CHANNELIZING DEVICES AT "G" UNLESS OTHERWISE NOTED.

NOTES:

- ① USE THIS SIGN LAYOUT IN URBAN APPLICATIONS ONLY. USE THE RURAL, OPEN ROADWAY SIGNING DETAILS WHEN HIGHER SPEED LIMITS ARE USED.
- ② USE SPEED LIMIT SIGNS ONLY IF SPEED MUST BE RESTRICTED. COVER OR REMOVE CONFLICTING EXISTING SPEED LIMIT SIGNS.
- ③ BUFFER SPACE MAY BE INCREASED FOR DOWNGRADES AND OTHER CONDITIONS AFFECTING STOPPING DISTANCE.
- ④ LARGER SIGN SIZES MAY BE APPROVED BY THE PROJECT MANAGER.
- ⑤ PLACE "END ROADWORK" SIGNS AT END OF PROJECT LIMITS.
- ⑥ POST EXISTING SPEED LIMIT IF CHANGED BY WORK ZONE.
- ⑦ SEE DTL. DWG. 618-03.



UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWINGS

REFERENCE DWG. NO.
STANDARD SPEC. 618-U16
SECTION 618

TURN LANE CLOSURE (URBAN TWO-LANE, TWO-WAY LEFT TURN LANE)

EFFECTIVE: JAN 23, 2020



MONTANA
Department of Transportation

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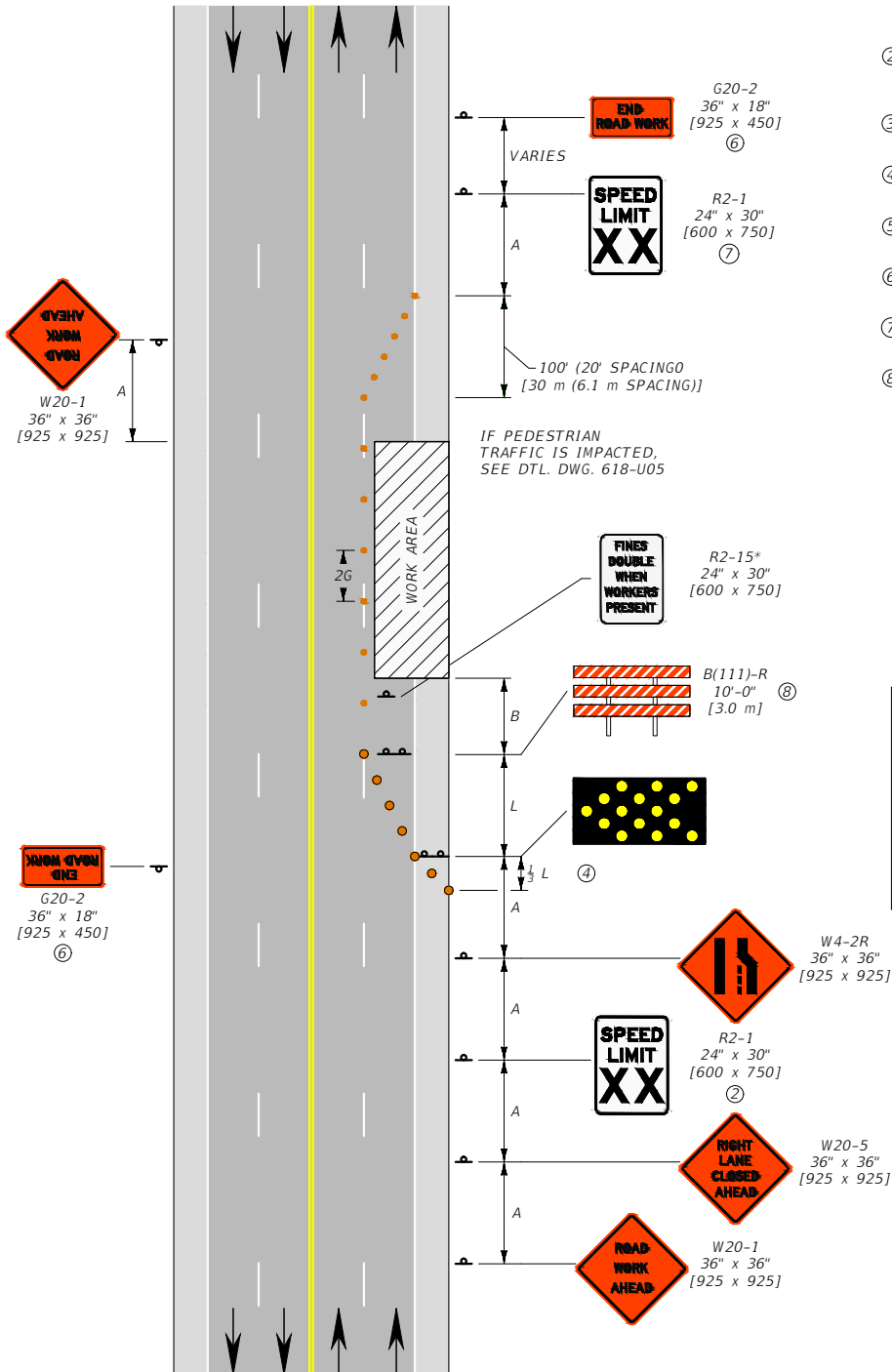
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POSTED SPEED LIMIT FOR WORK ZONE	SIGN SPACING (A)	TAPER LENGTH (L)	SPACING OF CHANNELIZING DEVICES (MAX.) (G) **	BUFFER SPACE ③ (B)
(M.P.H.)	FEET [m]	FEET [m]	FEET [m]	FEET [m]
25	100 [30]	125 [40]	25 [7.6]	155 [45]
35	100 [30]	245 [75]	35 [10.7]	250 [75]
45	350 [105]	540 [165]	45 [14]	360 [110]

** SPACE ALL CHANNELIZING DEVICES AT "G" UNLESS OTHERWISE NOTED.

NOTES:

- ① USE THIS SIGN LAYOUT IN URBAN APPLICATIONS ONLY. USE THE RURAL, OPEN ROADWAY SIGNING DETAILS WHEN HIGHER SPEED LIMITS ARE USED.
- ② USE SPEED LIMIT SIGNS ONLY IF SPEED MUST BE RESTRICTED. COVER OR REMOVE CONFLICTING EXISTING SPEED LIMIT SIGNS.
- ③ BUFFER SPACE MAY BE INCREASED FOR DOWNGRADES AND OTHER CONDITIONS AFFECTING STOPPING DISTANCE.
- ④ SHOULDER TAPER MAY BE OMITTED IF PAVED SHOULDER IS LESS THAN 8' [2.4 m] WIDE.
- ⑤ LARGER SIGN SIZES MAY BE APPROVED BY THE PROJECT MANAGER.
- ⑥ PLACE "END ROADWORK" SIGNS AT END OF PROJECT LIMITS.
- ⑦ POST EXISTING SPEED LIMIT IF CHANGED BY WORK ZONE.
- ⑧ SEE DTL. DWG. 618-03.



LEGEND

- - FLEXIBLE GUIDE POSTS
- - PLASTIC DRUMS
- * - DENOTES SIGNS UNIQUE TO MONTANA.

XX - SPEED DETERMINED BY THE PROJECT MANAGER.
(25 M.P.H. OR 35 M.P.H. OR 45 M.P.H.)

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWINGS

REFERENCE DWG. NO.
STANDARD SPEC. 618-U20
SECTION 618

RIGHT LANE CLOSURE (URBAN MULTI-LANE, UNDIVIDED ROAD)

EFFECTIVE: JAN 23, 2020



MONTANA
Department of Transportation

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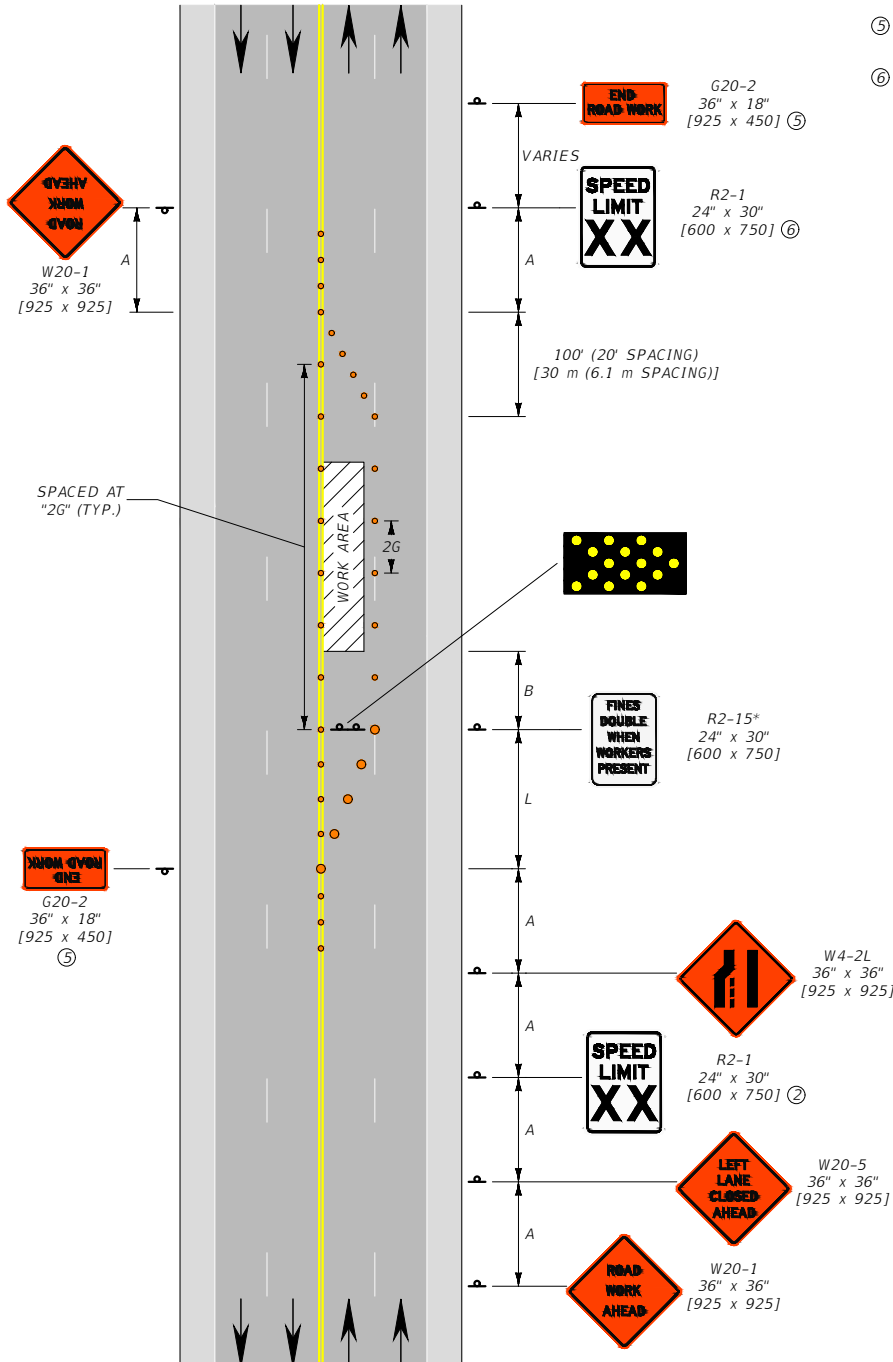
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POSTED SPEED LIMIT FOR WORK ZONE	SIGN SPACING (A)	TAPER LENGTH (L)	SPACING OF CHANNELIZING DEVICES (MAX.) (G) **	BUFFER SPACE ③ (B)
(M.P.H.)	FEET [m]	FEET [m]	FEET [m]	FEET [m]
25	100 [30]	125 [40]	25 [7.6]	155 [45]
35	100 [30]	245 [75]	35 [10.7]	250 [75]
45	350 [105]	540 [165]	45 [14]	360 [110]

** SPACE ALL CHANNELIZING DEVICES AT "G" UNLESS OTHERWISE NOTED.

NOTES:

- ① USE THIS SIGN LAYOUT IN URBAN APPLICATIONS ONLY. USE THE RURAL, OPEN ROADWAY SIGNING DETAILS WHEN HIGHER SPEED LIMITS ARE USED.
- ② USE SPEED LIMIT SIGNS ONLY IF SPEED MUST BE RESTRICTED. COVER OR REMOVE CONFLICTING EXISTING SPEED LIMIT SIGNS.
- ③ BUFFER SPACE MAY BE INCREASED FOR DOWNGRADES AND OTHER CONDITIONS AFFECTING STOPPING DISTANCE.
- ④ LARGER SIGN SIZES MAY BE APPROVED BY THE PROJECT MANAGER.
- ⑤ PLACE "END ROADWORK" SIGN AT END OF PROJECT LIMITS.
- ⑥ POST EXISTING SPEED LIMIT IF CHANGED BY WORK ZONE.



LEGEND	
●	- FLEXIBLE GUIDE POSTS
○	- PLASTIC DRUMS
*	- DENOTES SIGNS UNIQUE TO MONTANA.
XX	- SPEED DETERMINED BY THE PROJECT MANAGER. (25 M.P.H. OR 35 M.P.H. OR 45 M.P.H.)

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWINGS

REFERENCE	DWG. NO.
STANDARD SPEC.	618-U25
SECTION 618	

LEFT TURN CLOSURE (LOW SPEED URBAN MULTI-LANE, UNDIVIDED ROAD)

EFFECTIVE: JAN 23, 2020



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JUN 27, 2024

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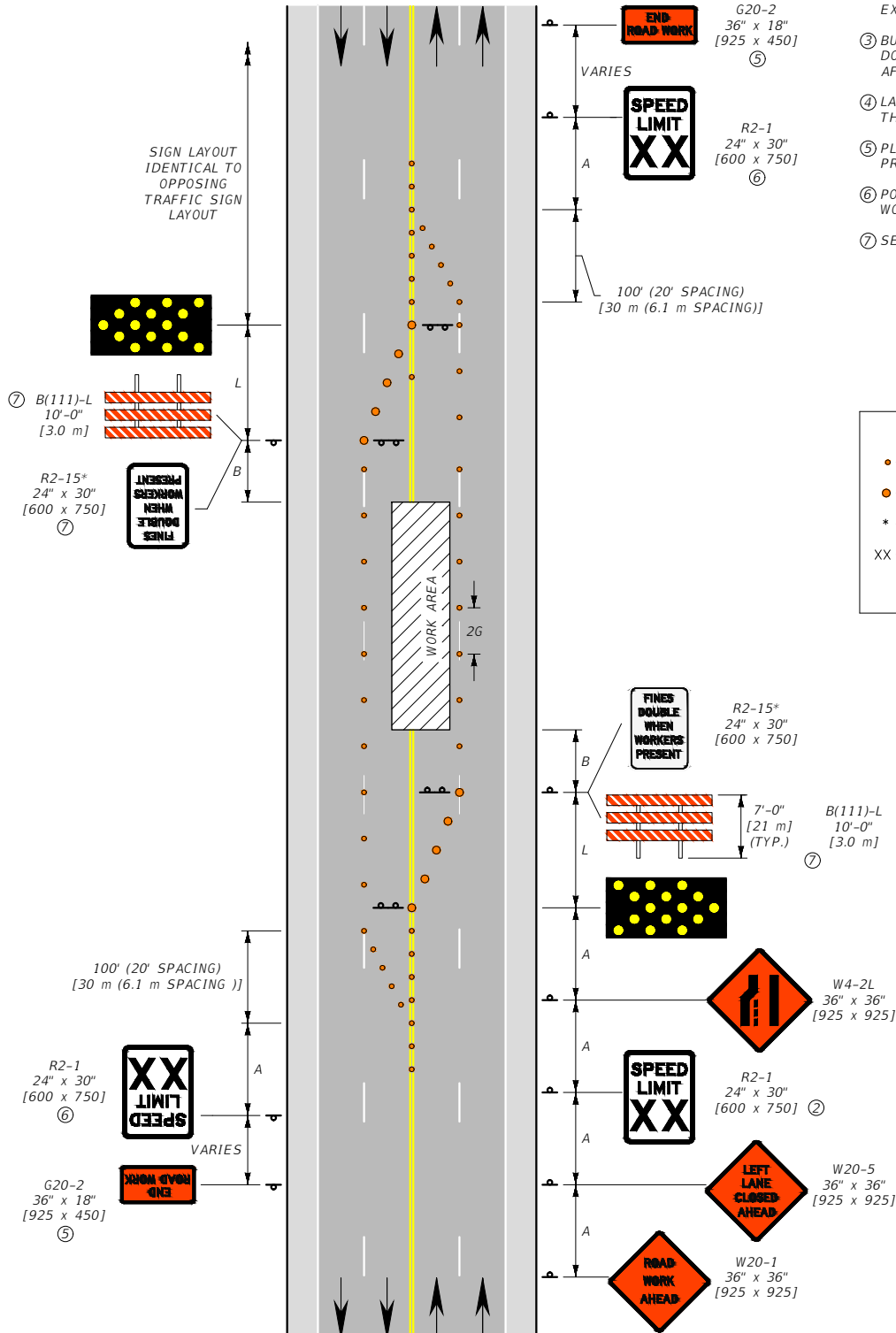
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POSTED SPEED LIMIT FOR WORK ZONE	SIGN SPACING (A)	TAPER LENGTH (L)	SPACING OF CHANNELIZING DEVICES (MAX.) (G) **	BUFFER SPACE ③ (B)
(M.P.H.)	FEET [m]	FEET [m]	FEET [m]	FEET [m]
25	100 [30]	125 [40]	25 [7.6]	155 [45]
35	100 [30]	245 [75]	35 [10.7]	250 [75]
45	350 [105]	540 [165]	45 [14]	360 [110]

** SPACE ALL CHANNELIZING DEVICES AT "G" UNLESS OTHERWISE NOTED.

NOTES:

- ① USE THIS SIGN LAYOUT IN URBAN APPLICATIONS ONLY. USE THE RURAL, OPEN ROADWAY SIGNING DETAILS WHEN HIGHER SPEED LIMITS ARE USED.
- ② USE SPEED LIMIT SIGNS ONLY IF SPEED MUST BE RESTRICTED. COVER OR REMOVE CONFLICTING EXISTING SPEED LIMIT SIGNS.
- ③ BUFFER SPACE MAY BE INCREASED FOR DOWNGRADES AND OTHER CONDITIONS AFFECTING STOPPING DISTANCE.
- ④ LARGER SIGN SIZES MAY BE APPROVED BY THE PROJECT MANAGER.
- ⑤ PLACE "END ROADWORK" SIGNS AT END OF PROJECT LIMITS.
- ⑥ POST EXISTING SPEED LIMIT IF CHANGED BY WORK ZONE.
- ⑦ SEE DTL. DWG. 618-03.



DETAILED DRAWINGS

REFERENCE STANDARD SPEC. SECTION 618

LEFT LANE CLOSURES (LOW SPEED URBAN MULTI-LANE, UNDIVIDED ROAD)

EFFECTIVE: JAN 23, 2020



MONTANA
Department of Transportation

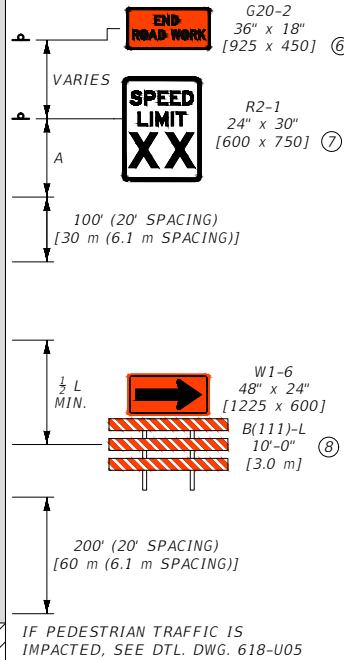
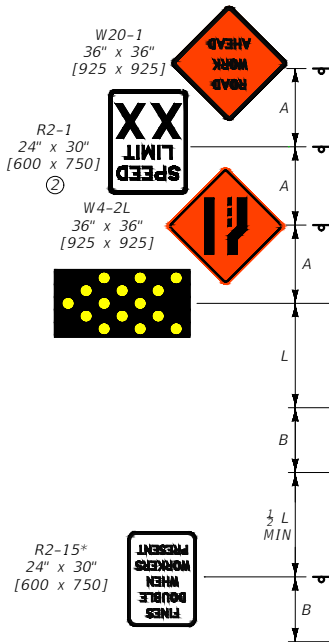
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JUN 27, 2024

POSTED SPEED LIMIT FOR WORK ZONE	SIGN SPACING (A)	TAPER LENGTH (L)	SPACING OF CHANNELIZING DEVICES (MAX.) (G) **	BUFFER SPACE ③ (B)
(M.P.H.)	FEET [m]	FEET [m]	FEET [m]	FEET [m]
25	100 [30]	125 [40]	25 [7.6]	155 [45]
35	100 [30]	245 [75]	35 [10.7]	250 [75]
45	350 [105]	540 [165]	45 [14]	360 [110]

** SPACE ALL CHANNELIZING DEVICES AT "G" UNLESS OTHERWISE NOTED.

NOTES:

- ① USE THIS SIGN LAYOUT IN URBAN APPLICATIONS ONLY. USE THE RURAL, OPEN ROADWAY SIGNING DETAILS WHEN HIGHER SPEED LIMITS ARE USED.
- ② USE SPEED LIMIT SIGNS ONLY IF SPEED MUST BE RESTRICTED. COVER OR REMOVE CONFLICTING EXISTING SPEED LIMIT SIGNS.
- ③ BUFFER SPACE MAY BE INCREASED FOR DOWNGRADES AND OTHER CONDITIONS AFFECTING STOPPING DISTANCE.
- ④ SHOULDER TAPER MAY BE OMITTED IF PAVED SHOULDER IS LESS THAN 8' [2.4 m] WIDE.
- ⑤ LARGER SIGN SIZES MAY BE APPROVED BY THE PROJECT MANAGER.
- ⑥ PLACE "END ROADWORK" SIGNS AT END OF PROJECT LIMITS.
- ⑦ POST EXISTING SPEED LIMIT IF CHANGED BY WORK ZONE.
- ⑧ SEE DTL. DWG. 618-03.



R2-1
24" x 30"
[600 x 750]
⑦

G20-2
36" x 18"
[925 x 450]
⑥

SPACED AT
"26" (TYP.)

R2-1
24" x 30"
[600 x 750]
⑦

VARIES

G20-2
36" x 18"
[925 x 450]
⑥

R2-15*
24" x 30"
[600 x 750]
⑧

B(111)-R
10'-0"
[3.0 m]
⑧

W24-1L
36" x 36"
[925 x 925]
④

W4-2R
36" x 36"
[925 x 925]
④

R2-1
24" x 30"
[600 x 750]
②

W20-1
36" x 36"
[925 x 925]
②

LEGEND

● - FLEXIBLE GUIDE POSTS

○ - PLASTIC DRUMS

* - DENOTES SIGNS UNIQUE TO MONTANA.

XX - SPEED DETERMINED BY THE PROJECT MANAGER.
(25 M.P.H. OR 35 M.P.H. OR 45 M.P.H.)

- OBLITERATE CONFLICTING PAVEMENT MARKINGS WHEN WORK OPERATION IS LONGER THAN 3 DAYS. (DO NOT REMOVE THERMOPLASTIC)

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWINGS

REFERENCE DWG. NO.
STANDARD SPEC. 618-U35
SECTION 618

DOUBLE LANE CLOSURE (URBAN MULTI-LANE, UNDIVIDED ROAD)

EFFECTIVE: JAN 23, 2020



MONTANA
Department of Transportation

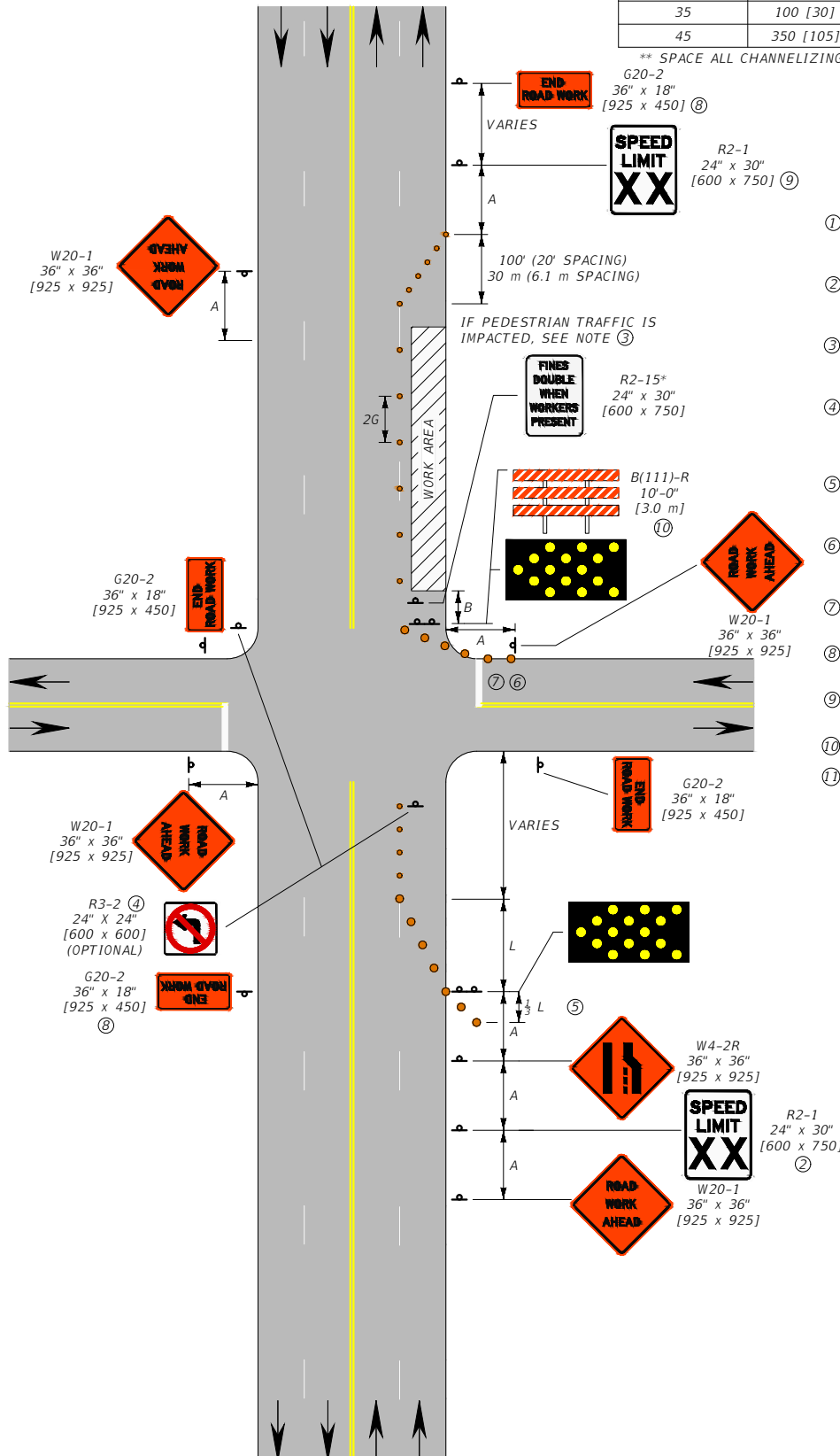
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JUN 27, 2024

5/20/2025 11:55 AM

STDDRD618U35.DWG

POSTED SPEED LIMIT FOR WORK ZONE	SIGN SPACING (A)	TAPER LENGTH (L)	SPACING OF CHANNELIZING DEVICES (MAX.) (G) **	BUFFER SPACE ① (B)
(M.P.H.)	FEET [m]	FEET [m]	FEET [m]	FEET [m]
25	100 [30]	125 [40]	25 [7.6]	155 [45]
35	100 [30]	245 [75]	35 [10.7]	250 [75]
45	350 [105]	540 [165]	45 [14]	360 [110]

** SPACE ALL CHANNELIZING DEVICES AT "G" UNLESS OTHERWISE NOTED.



NOTES:

- USE THIS SIGN LAYOUT IN URBAN APPLICATIONS ONLY. USE THE RURAL, OPEN ROADWAY SIGNING DETAILS WHEN HIGHER SPEED LIMITS ARE USED.
- USE SPEED LIMIT SIGNS ONLY IF SPEED MUST BE RESTRICTED. COVER OR REMOVE CONFLICTING EXISTING SPEED LIMIT SIGNS.
- IF PEDESTRIAN TRAFFIC IS IMPACTED BY THE WORK ZONE, USE THE INFORMATION AND DEVICES SHOWN IN DTL. DWG. 618-U05.
- LEFT TURNING MOVEMENTS MAY BE PROHIBITED TO MAINTAIN CAPACITY FOR THROUGH VEHICULAR TRAFFIC (UNLESS CONTROLLED BY TRAFFIC SIGNAL).
- INCLUDE A SHOULDER TAPER WHEN PAVED SHOULDER IS 8' [2.4 m] OR GREATER IN WIDTH OR WHEN A PARKING LANE IS PRESENT.
- IF LIMITED SIGHT DISTANCE FROM THIS APPROACH, CONSIDER RIGHT TURN ONLY OR CLOSING THE APPROACH.
- LARGER SIGN SIZES MAY BE APPROVED BY THE PROJECT MANAGER.
- PLACE "END ROADWORK" SIGNS AT END OF PROJECT LIMITS.
- POST EXISTING SPEED LIMIT IF CHANGED BY WORK ZONE.
- SEE DTL. DWG. 618-03.
- BUFFER SPACE MAY BE INCREASED FOR DOWNGRADES AND OTHER CONDITIONS AFFECTING STOPPING DISTANCE.

LEGEND

- - FLEXIBLE GUIDE POSTS
 - - PLASTIC DRUMS
 - * - DENOTES SIGNS UNIQUE TO MONTANA.
- XX - SPEED DETERMINED BY THE PROJECT MANAGER.
(25 M.P.H. OR 35 M.P.H. OR 45 M.P.H.)

UNITS SHOWN IN BRACKETS [] ARE METRIC AND ARE IN MILLIMETERS (mm) UNLESS OTHER UNITS ARE SHOWN.

DETAILED DRAWINGS

REFERENCE DWG. NO.
STANDARD SPEC. 618-U40
SECTION 618

RIGHT LANE
CLOSURE-WORK AREA
BEYOND INTERSECTION
(URBAN MULTI-LANE,
UNDIVIDED ROAD)

EFFECTIVE: JAN 23, 2020

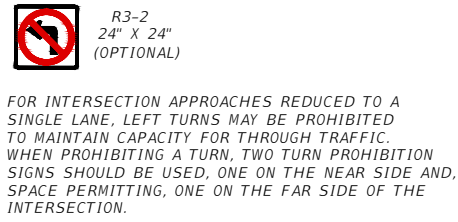


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JUN 27, 2024


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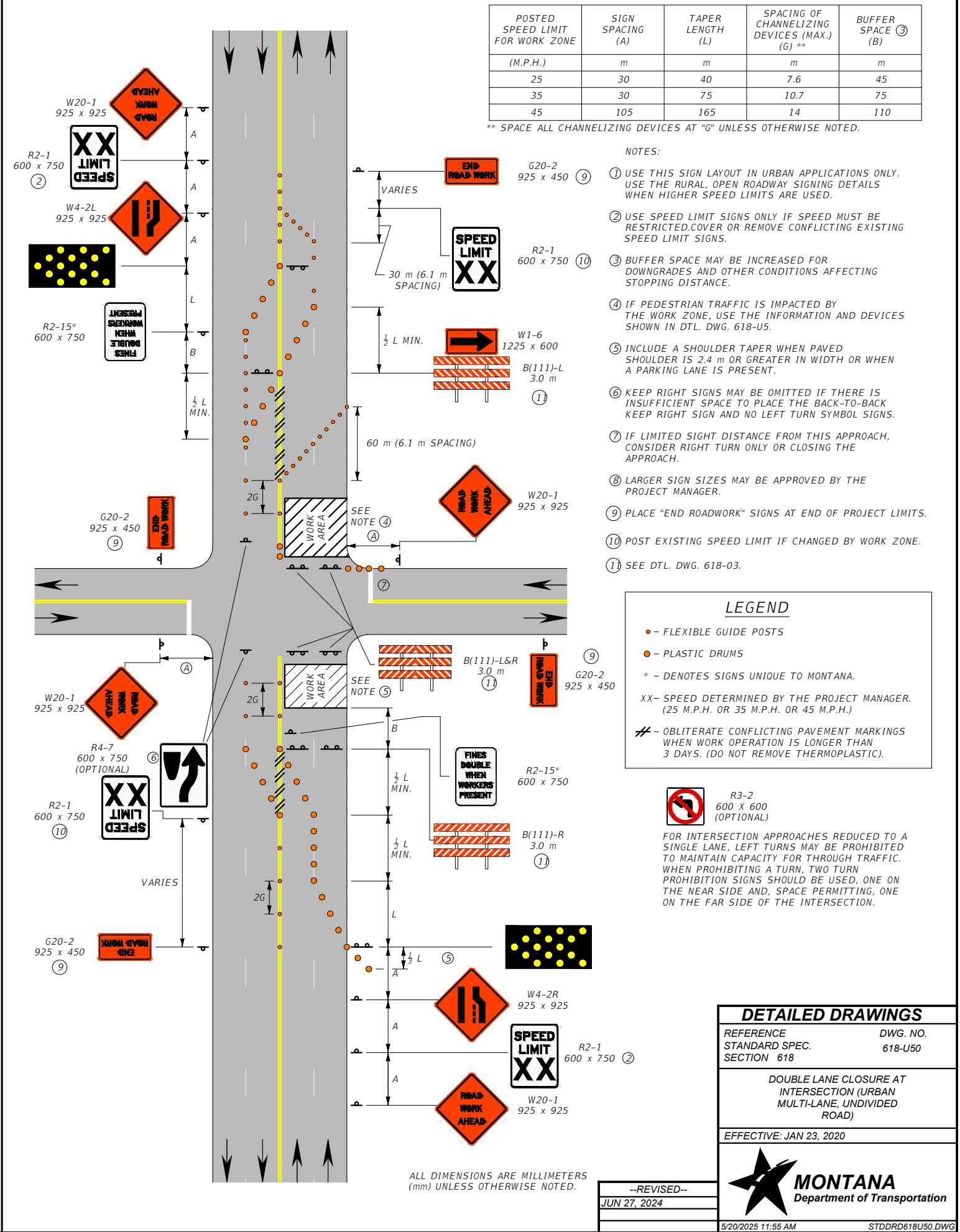
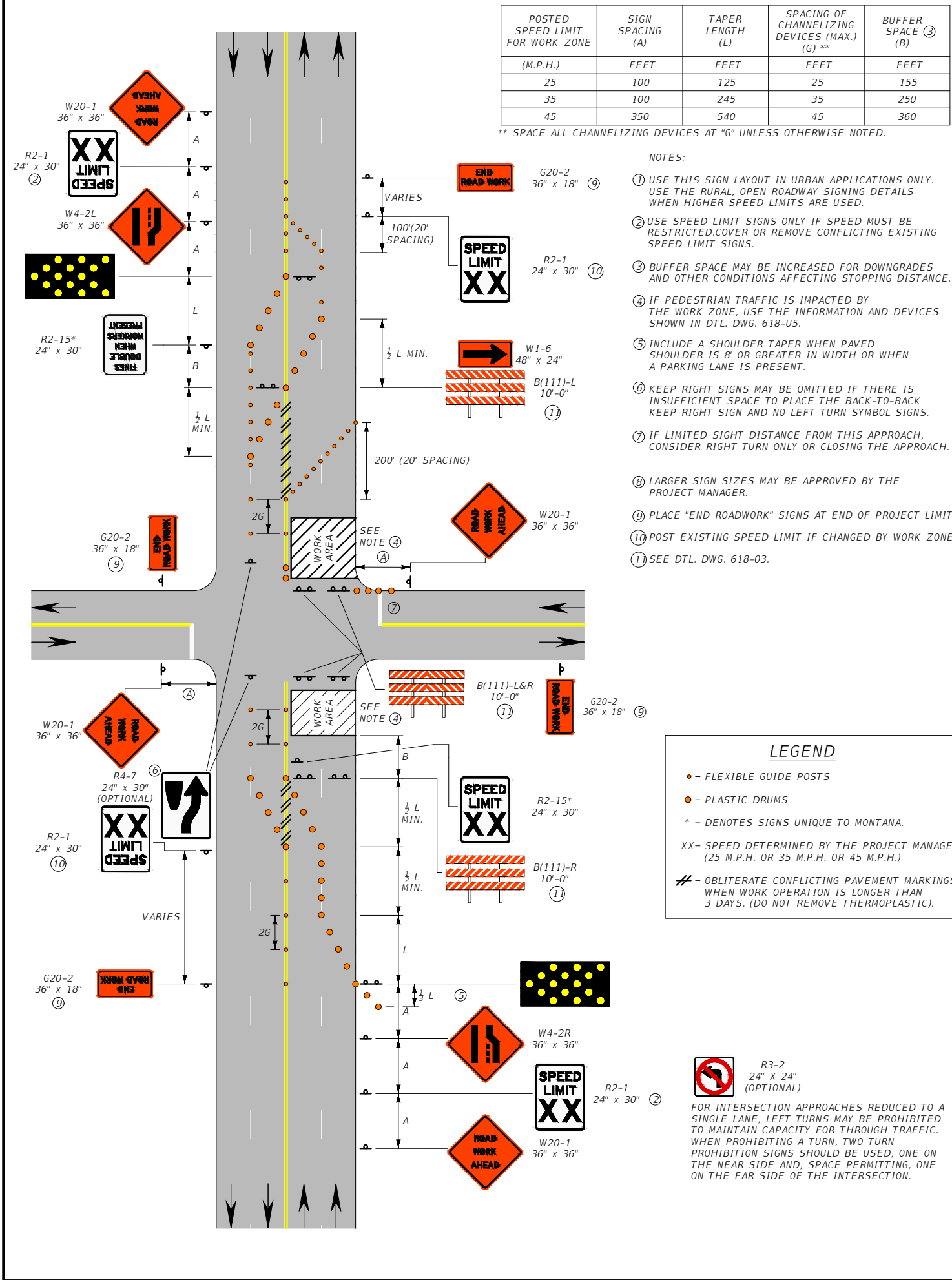


**** SPACE ALL CHANNELIZING DEVICES AT "G" UNLESS OTHERWISE NOTED.**

** SPACE ALL CHANNELIZING DEVICES AT "G" UNLESS OTHERWISE NOTED.

-  R3-2
600 x 600
(OPTIONAL)
- FOR INTERSECTION APPROACHES REDUCED TO A SINGLE LANE, LEFT TURNS MAY BE PROHIBITED TO MAINTAIN CAPACITY FOR THROUGH TRAFFIC. WHEN PROHIBITING A TURN, TWO TURN PROHIBITION SIGNS SHOULD BE USED, ONE ON THE NEAR SIDE AND, SPACE PERMITTING, ONE ON THE FAR SIDE OF THE INTERSECTION.*

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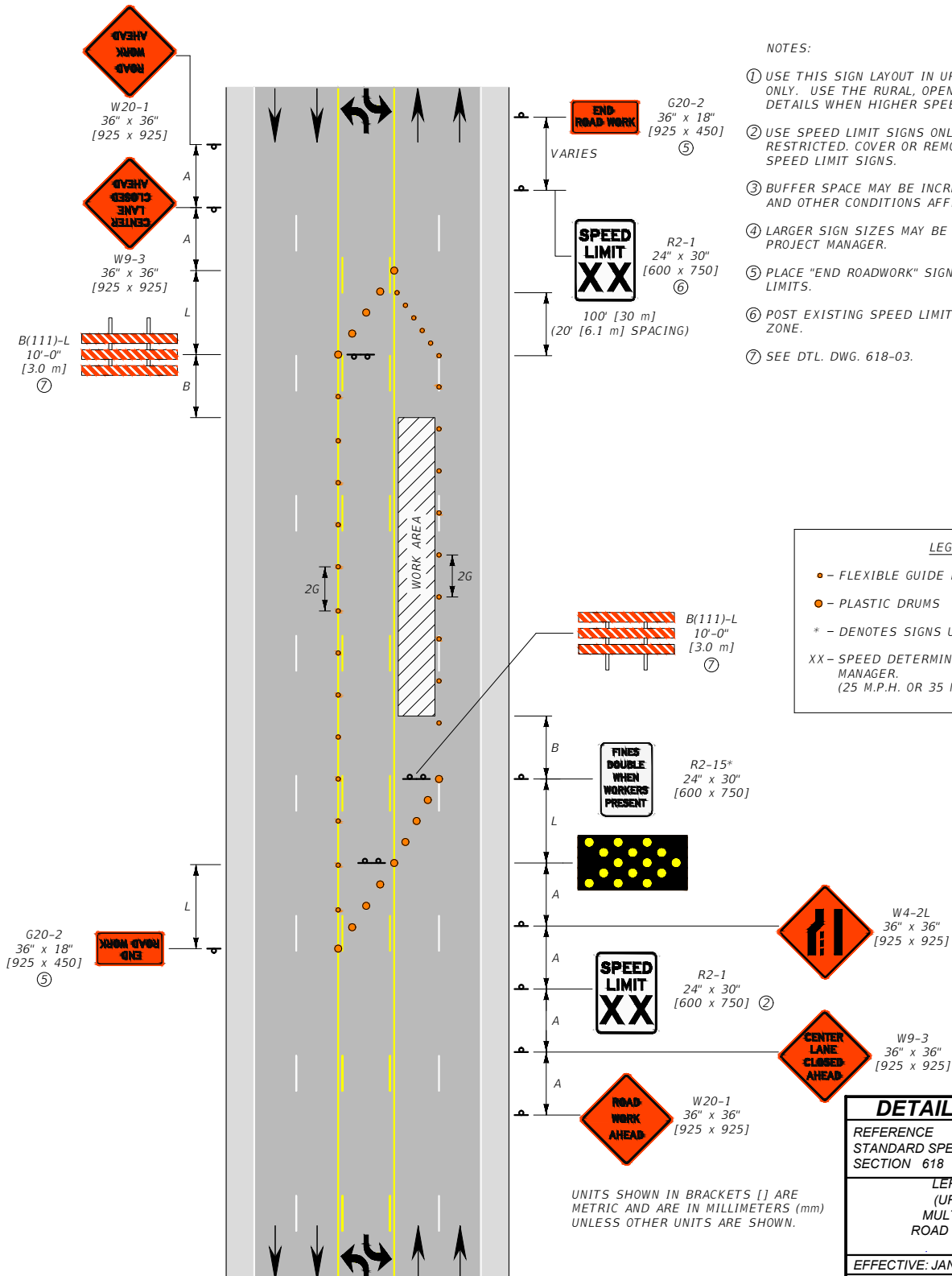


POSTED SPEED LIMIT FOR WORK ZONE	SIGN SPACING (A)	TAPER LENGTH (L)	SPACING OF CHANNELIZING DEVICES (MAX.) (G) **	BUFFER SPACE ③ (B)
(M.P.H.)	FEET [m]	FEET [m]	FEET [m]	FEET [m]
25	100 [30]	125 [40]	25 [7.6]	155 [45]
35	100 [30]	245 [75]	35 [10.7]	250 [75]
45	350 [105]	540 [165]	45 [14]	360 [110]

** SPACE ALL CHANNELIZING DEVICES AT "G" UNLESS OTHERWISE NOTED.

NOTES:

- ① USE THIS SIGN LAYOUT IN URBAN APPLICATIONS ONLY. USE THE RURAL, OPEN ROADWAY SIGNING DETAILS WHEN HIGHER SPEED LIMITS ARE USED.
- ② USE SPEED LIMIT SIGNS ONLY IF SPEED MUST BE RESTRICTED. COVER OR REMOVE CONFLICTING EXISTING SPEED LIMIT SIGNS.
- ③ BUFFER SPACE MAY BE INCREASED FOR DOWNGRADES AND OTHER CONDITIONS AFFECTING STOPPING DISTANCE.
- ④ LARGER SIGN SIZES MAY BE APPROVED BY THE PROJECT MANAGER.
- ⑤ PLACE "END ROADWORK" SIGNS AT END OF PROJECT LIMITS.
- ⑥ POST EXISTING SPEED LIMIT IF CHANGED BY WORK ZONE.
- ⑦ SEE DTL. DWG. 618-03.



DETAILED DRAWINGS

REFERENCE DWG. NO.
STANDARD SPEC. 618-U60
SECTION 618

LEFT LANE CLOSURE
(URBAN LOW SPEED,
MULTI-LANE, UNDIVIDED
ROAD WITH TWO-WAY LEFT
TURN LANE)

EFFECTIVE: JAN 23, 2020



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--REVISED--
JUN 27, 2024

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