

APPENDIX C

SIGN SCHEDULE AND SHEETING REQUIREMENTS

SIGN SCHEDULE

NOTES:

1. Sign size, shape, symbol and colour are to be in accordance with the latest edition of the Uniform Traffic Control Devices for Canada Manual and applicable Alberta Transportation (AT) standards. Where there is any discrepancy between the MUTCD Manual and the AT standards, the latter shall prevail.
2. For the initial WD-101 sign, 1200 x 1200 is used on the main alignment and 750 x 750 is used on intersecting roads.
















2.0 SIGN SHEETING REQUIREMENTS

The orange portion of all signs, barricades and other Traffic Control Devices shall be fully reflectorized using High Brightness, Retroreflective, Non-Metalized, Prismatic Sheeting Material which incorporates durable, transparent, fluorescent pigment and meets the following requirements:

BRIGHTNESS REQUIREMENTS (90° Rotation Angle)		
Observation Angle	Entrance Angle	Orange
0.2	-4	200
0.2	30	92
0.5	-4	80
0.5	30	50

A Minimum Coefficient of Retroreflection (RA) cd/ft^2 ($cd \cdot lx^{-1} \cdot m$)

SIGN SCHEDULE

	SIGN NO.	MESSAGE OR DESCRIPTION	SIZE (mm x mm)			LETTER HEIGHT AND SERIES NO.	COLOUR	
			RURAL	URBAN			MESSAGE	BACK-GROUND
				High Speed/ High Volume	Low Speed/ Low Volume			
	IB-2	Alberta Route Marker	450 x 600	450 x 600	450 x 600	Pattern Available	Black	White
	IB-8-TL	Alberta Direction Tab (Left)	450 x 300	450 x 300	450 x 300	Symbol	Black	White
	IB-8-TR	Alberta Direction Tab (Right)	450 x 300	450 x 300	450 x 300	Symbol	Black	White
	ID-503	Speed Double Fines	600 x 600	600 x 600	600 x 600	Symbol	Black	White
	ID-503A	Double Fines Begins Tab	600 x 300	600 x 300	600 x 300	Symbol	White	Black
	ID-503B	Double Fines Ends Tab	600 x 300	600 x 300	600 x 300	Symbol	White	Black
	IF-205	Exit	1450x1200x1000	1450x1200x1000	N/A		White	Green
	RA-1	Stop	600 x 600	900 x 900	600 x 600	255 mm "C"	White	Red
	RB-1	Maximum Speed Content Variable	600 x 750	750 x 900	600 x 750	#1 - 100 mm "C", #2 - 300 mm Variable	Black	White
	RB-5	Maximum Speed Ahead Content Variable	600 x 750	750 x 900	600 x 750	#1 - 100 mm "C", #2 - 300 mm Variable	Black	White
	RB-24A	Two-Way Traffic	600 x 750	750 x 900	600 x 750	Symbol	Black	White
	RB-31	Do Not Pass	600 x 600	750 x 750	600 x 600	Symbol	Red, Black	White
	WA-9	Chevron Alignment	600 x 750	600 x 750	600 x 750		Black	Yellow
	WA-16-L	Merging Traffic (Left)	900 x 900	900 x 900	900 x 900		Black	Yellow
	WA-16-R	Merging Traffic (Right)	900 x 900	900 x 900	900 x 900		Black	Yellow

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			RURAL	URBAN			MESSAGE	BACK-GROUND
				High Speed/ High Volume	Low Speed/ Low Volume			
	WA-31	Divided Highway Begins	900 x 900	900 x 900	900 x 900	Symbol	Black	Yellow
	WA-31-T	Divided Highway Begins Tab	600 x 300	600 x 300	600 x 300	150 mm "C"	Black	Yellow
	WA-32	Divided Highway Ends	900 x 900	900 x 900	900 x 900	Symbol	Black	Yellow
	WA-112-L	Added Lane (Left)	900 x 900	900 x 900	900 x 900		Black	Yellow
	WA-112-R	Added Lane (Right)	900 x 900	900 x 900	900 x 900		Black	Yellow
	WB-1	Stop Ahead	750 x 750	750 x 750	750 x 750	Symbol	Red, Black	Yellow
	WD-101	Construction Ahead	750 x 750 1200 x 1200	1200 x 1200	1200 x 1200	#1 - 150 mm "C", 180 mm "C", #2 - 150 mm "C"	Black	Orange
	WD-101B	Bridge Construction Ahead	1200 x 1200	1200 x 1200	900 x 900	#1 - 150 mm "C", 180 mm "C", #2 - 150 mm "C"	Black	Orange
	WD-101C	Utility Construction	900 x 900	1200 x 1200	900 x 900	#1 - 150 mm "C", 180 mm "C", #2 - 150 mm "C"	Black	Orange
	WD-102	Begin Detour 300 m	900 x 900	900 x 900	900 x 900	#1 & #2 - 150 mm "C", #3 - 125 mm "E"	Black	Orange
	WD-103	Detour Next _ km	1200 x 600	1200 x 600	1200 x 600	150 mm "C"	Black	Orange
	WD-104	Barricade Ahead	900 x 900	1200 x 1200	900 x 900	#1 - 150 mm "C", #2 - 125 mm "C"	Black	Orange
	WD-105	Bridge Inspection	750 x 750	750 x 750	750 x 750	#1 - 150 mm "C", #2 - 150 mm "C"	Black	Orange
	WD-106	One Lane Traffic	750 x 750	900 x 900	750 x 750	#1 - 150 mm "C", #2 - 150 mm "C"	Black	Orange
	WD- 111	Be Prepared To Stop	750 x 750	750 x 750	750 x 750	#1, #3, #4 - 100 mm "E", 42 - 100 mm "D"	Black	Orange

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			RURAL	URBAN			MESSAGE	BACK-GROUND
				High Speed/ High Volume	Low Speed/ Low Volume			
	WD-116-1L	Barricade (Left)	2440 x 250	2440 x 250	2440 x 250	See Plan TCS-B-4.1	Black	Orange
	WD-116-1R	Barricade (Right)	2440 x 250	2440 x 250	2440 x 250	See Plan TCS-B-4.1	Black	Orange
	WD-116-2	Road Closed Barricade	2440 x 250	2440 x 250	2440 x 250	See Plan TCS-B-4.1	Black	Orange
	WD-116-3	Bridge Out Barricade	2440 x 250	2440 x 250	2440 x 250	See Plan TCS-B-4.1	Black	Orange
	WD-116-4L	Light Duty (Type 1) Barricade	N/A	N/A	760 x 300		Black	Orange
	WD-116-4R	Light Duty (Type 1) Barricade	N/A	N/A	760 x 300		Black	Orange
	WD-116-5	Barricade Arrow	615 x 230	615 x 230	615 x 230	See Plan TCS-B-4.1	White	Black
	WD- 150	Loose Gravel	750 x 750	900 x 900	750 x 750	#1 - 125 mm "D", #2 - 125 mm "D"	Black	Orange
	WD- 151	Windrow	750 x 750	900 x 900	750 x 750	#1 - 125 mm "D", #2 - 125 mm "D"	Black	Orange
	WD- 152	Temporary Hazard Marker	300 x 300	300 x 300	300 x 300		Red	Red
	WD-154	End Construction	1200 x 600	1200 x 600	1200 x 600	Pattern Available	Black	Orange
	WD-157	Slow Fresh Oil	750 x 750	900 x 900	750 x 750	125 mm "D"	Black	Orange
	WD-158	Testing Crews Next 5 km	900 x 900	1200 x 1200	900 x 900		Black	Orange
	WD-169	Loose Chips Please Slow Down	1200 x 750	1200 x 750	1200 x 750	Pattern Available	Black	Orange
	WD-170B	Bridge Construction 3 km	1200 x 1200	1200 x 1200	1200 x 1200	#1 -180 mm "C", #2 -180 mm "E"	Black	Orange
	WD-171	Follow In Convoy Do Not Pass	750 x 900	750 x 900	750 x 900	Pattern Available	Black	Orange

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			RURAL	URBAN			MESSAGE	BACK-GROUND
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	WD-172	Follow Pilot Vehicle	600 x 750	750 x 900	600 x 750	Pattern Available	Black	Orange
	WD-173	Pilot Vehicle Do Not Pass	1650 x 450	1650 x 450	1650 x 450	Pattern Available	Black	Orange
	WD-174	Maximum — Loose Chips	600 x 1200	900 x 1800	600 x 1200	Pattern Available	Black	White, Orange
	WD-175	Smoke Ahead	750 x 750	900 x 900	750 x 750		Black	Orange
	WD-179	Traffic Survey Ahead	750 x 750	900 x 900	750 x 750		Black	Orange
	WD-182	New Sign	750 x 750	900 x 900	750 x 750		Red and White	Fluorescent Yellow
	WD-182-T	Traffic Control Tab	600 x 300	600 x 300	600 x 300		Black	Yellow
	WD-182A-T	Signal Tab	600 x 300	600 x 300	600 x 300		Black	Yellow
	WD-182B-T	Timing Tab	600 x 300	600 x 300	600 x 300		Black	Yellow
	WD-182C-T	Phasing Tab	600 x 300	600 x 300	600 x 300		Black	Yellow
	WD-182D-T	Roundabout Tab	600 x 300	600 x 300	600 x 300		Black	Yellow
	WD-184	Testing Crew Ahead	900 x 900	900 x 900	900 x 900		Black	Orange
	WD-187	No Centre Line	750 x 750	900 x 900	750 x 750		Black	Orange
	WD-188	Ramp Exit	750 x 750	900 x 900	750 x 750		Black	Orange
	WD-189	Line Painting Ahead	750 x 750	900 x 900	750 x 750		Black	Orange
	WD-190	Wet Paint	750 x 750	900 x 900	750 x 750		Black	Orange

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			RURAL	URBAN			MESSAGE	BACK-GROUND
				High Speed/ High Volume	Low Speed/ Low Volume			
	WD-191	Road Grading 3 km	750 x 750	750 x 750	750 x 750		Black	Orange
	WD-192	Road Construction Next __ km	1200 x 900	1200 x 900	1200 x 900	Pattern Available, 160mm "C"	Black	Orange
	WD-193	Grading Next 3 km	1200 x 1200	1200 x 1200	1200 x 1200	Symbol	Black	Orange
	WD-194	To Oncoming Traffic	900 x 750	900 x 750	900 x 750		Black	Orange
	WD-196A	Zipper Merge Ahead	900 x 1050	900 x 1050	900 x 1050		Black	Orange
	WD-196B	Zipper Merge Ahead (Optional)	900 x 900	900 x 900	900 x 900		Black	Orange
	WD-197	Use Both Lanes	900 x 1050	900 x 1050	900 x 1050		Black	Orange
	WD-198	Alternate Merge xxm Ahead	1200 x 1350	1200 x 1350	1200 x 1350		Black	Orange
	WD-199-L	Merge Left	900 x 900	900 x 900	900 x 900		Black	Orange
	WD-199-R	Merge Right	900 x 900	900 x 900	900 x 900		Black	Orange
	WD-203	Emergency Scene Ahead	900 x 900	900 x 900	900 x 900		Black	Pink
	WD-201	Construction Advisory	2440 x 1530	2440 x 1530	2440 x 1530		Black	Orange
	WD-202	Seal Coat Construction Advisory	2440 x 1530	2440 x 1530	2440 x 1530		Black	Orange
	WD-A-1-L	Turn (Left)	750 x 750	750 x 750	750 x 750	Symbol	Black	Orange
	WD-A-1-R	Turn (Right)	750 x 750	750 x 750	750 x 750	Symbol	Black	Orange
	WD-A-5-L	Reverse Curve (Left)	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange




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	WD-A-5-R	Reverse Curve (Right)	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-7	Advisory Speed	600 x 600	600 x 600	600 x 600	255 mm "E"	Black	Orange
	WD-A-10	Detour Ahead	750 x 750	900 x 900	750 x 750		Black	Orange
	WD-A-21	Traffic Control Person Ahead	750 x 750	900 x 900	750 x 750		Black	Orange
	WD-A-22	Bump	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-23-R	Roadway Narrows (Right)	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-23-L	Roadway Narrows (Left)	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-24	Narrow Structure	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-31	Divided Highway Begins	900 x 900	900 x 900	900 x 900	Symbol	Black	Orange
	WD-A-32	Divided Highway Ends	900 x 900	900 x 900	900 x 900	Symbol	Black	Orange
	WD-A-33-L	Road Narrows - Left Lane Ends	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-33-R	Road Narrows - Right Lane Ends	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-33X-L	Road Narrows - Left Lane Ends	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-33X-R	Road Narrows - Right Lane Ends	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-41	Road Work	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-41-T	Road Work Tab	600 x 450	600 x 450	600 x 450	Symbol	Black	Orange

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	WD-A-43-L	Roadside Diversion (Left)	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-43-R	Roadside Diversion (Right)	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-44-T	Detour Tab	450 x 300	450 x 300	450 x 300	150 mm "C"	Black	Orange
	WD-A-46	Survey Crew Ahead	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-48-L	Truck Entrance (Left)	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-48-R	Truck Entrance (Right)	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-49	Pavement Drop-off	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-51-L	Roadside Diversion (Left) (Two Lanes)	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-51-R	Roadside Diversion (Right) (Two Lanes)	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-100	Sharp Shoulder	750 x 750	900 x 900	750 x 750	150 mm "C"	Black	Orange
	WD-A-105-R	Hazard Marker - Keep Left	300 x 900	300 x 900	300 x 900		Black	Orange
	WD-A-105-L	Hazard Marker - Keep Right	300 x 900	300 x 900	300 x 900		Black	Orange
	WD-A-111	Grooved Pavement	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange
	WD-A-111-T	Grooved Pavement Tab	600 x 300	600 x 300	600 x 300	150 mm "C"	Black	Orange
	WD-A-120	Slow Moving Vehicle	510 x 510 x 510	510 x 510 x 510	510 x 510 x 510	Symbol	Orange	Red
	WD-B-3	Two-Way Traffic Ahead	750 x 750	900 x 900	750 x 750	Symbol	Black	Orange

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	WD-B-4	Traffic Signals Ahead	900 x 900	900 x 900	900 x 900	Symbol	Red, Yellow, Green, Black	Orange
	WD-B-4-T	Structure Width Tab (__ m)	600 x 300	600 x 300	600 x 300		Black	Orange
	WD-T	Distance Tab (__ km)	600 x 300	600 x 300	600 x 300		Black	Orange