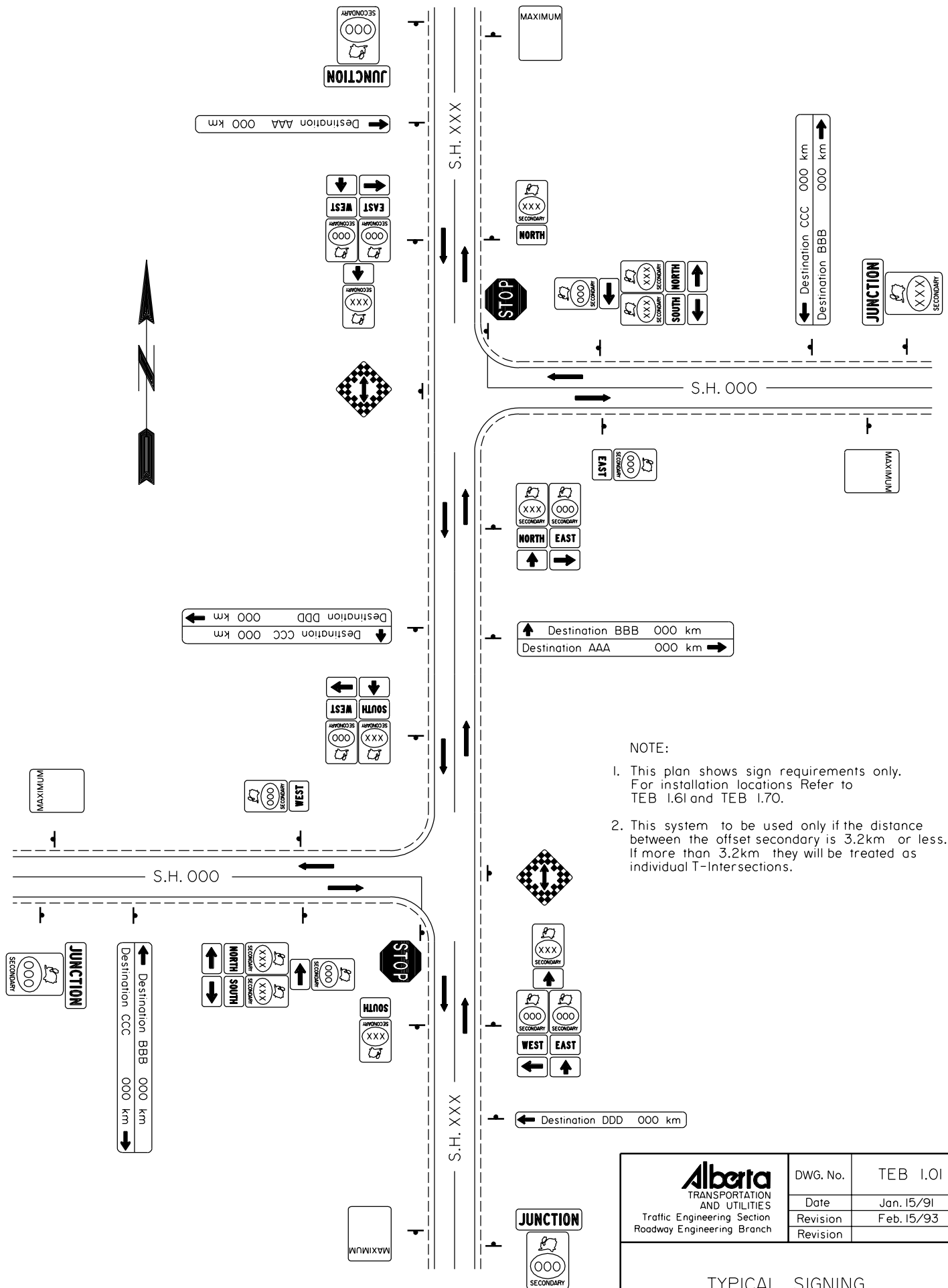


TYPICAL SIGNAGE DRAWINGS (Currently Under Review)

- TEB 1.01 Junction of Two Offset Secondary Highways
- TEB 1.02 Junction of Primary and Secondary Highways
- TEB 1.03 Junction of Two Offset Primary Highways
- TEB 1.04 Junction of Two Primary Highways
- TEB 1.05 Junction of Two Secondary Highways
- TEB 1.28 Bridge Approaches with Weight and Width Restrictions
- TEB 1.29 Crossovers with Depressed Median
- TEB 1.30 Crossovers with Raised Median
- TEB 1.31 Second Class Vehicle Inspection Station
- TEB 1.32 Vehicle Inspection Station Scale Site
- TEB 1.33 Class 1 Vehicle Inspection Station
- TEB 1.49 Divided Highway Transitions
- TEB 1.58 Passing and Climbing Lanes
- TEB 1.59 Gravel Pits (Crown and Transportation Pits)
- TEB 1.60 Gravel Pits (Private)
- TEB 1.61 Distances for Sign Location
- TEB 1.62 Truck Inspection Sites
- TEB 1.63 Maintenance Equipment Crossings on Four-Lane Divided Highways
- TEB 1.66 Highways Adjacent to Air Shows
- TEB 1.67 Logging Trucks Turning
- TEB 1.69 Cluster Board Assembly
- TEB 1.70 Sign Installation Height and Lateral Location
- TEB 1.71 Sign Assembly Detail
- TEB 1.72 Typical Installation of Large Signs (on Wooden Posts)
- TEB 1.73 Static Vehicle Inspection Sites
- TEB 1.75 Installation of Large Signs on I-Beam Steel Posts
- TEB 1.76 Merging Traffic (Ramp Entrance)
- TEB 1.77 Added Lanes (Lane-Away Ramp Entrance)
- TEB 1.82 Breakaway Ground Mounted Signs on Steel I-Beam Posts
- TEB 1.83 Breakaway Ground Mount – Bases
- TEB 1.85 Pedestrian and School Crosswalks
- TEB 1.86 School Zones
- TEB 1.95 Sign Assembly Detail – Extruded Aluminum
- TEB 1.97 Multi-Service Facility Sign Specifications
- TEB 1.98 Facility Sign Location and Specification
- TEB 1.99 Rural Addressing – Township and Range Road

Note: Construction signage drawings are found in the Traffic Accommodation in Work Zones Manual.



NOTE:

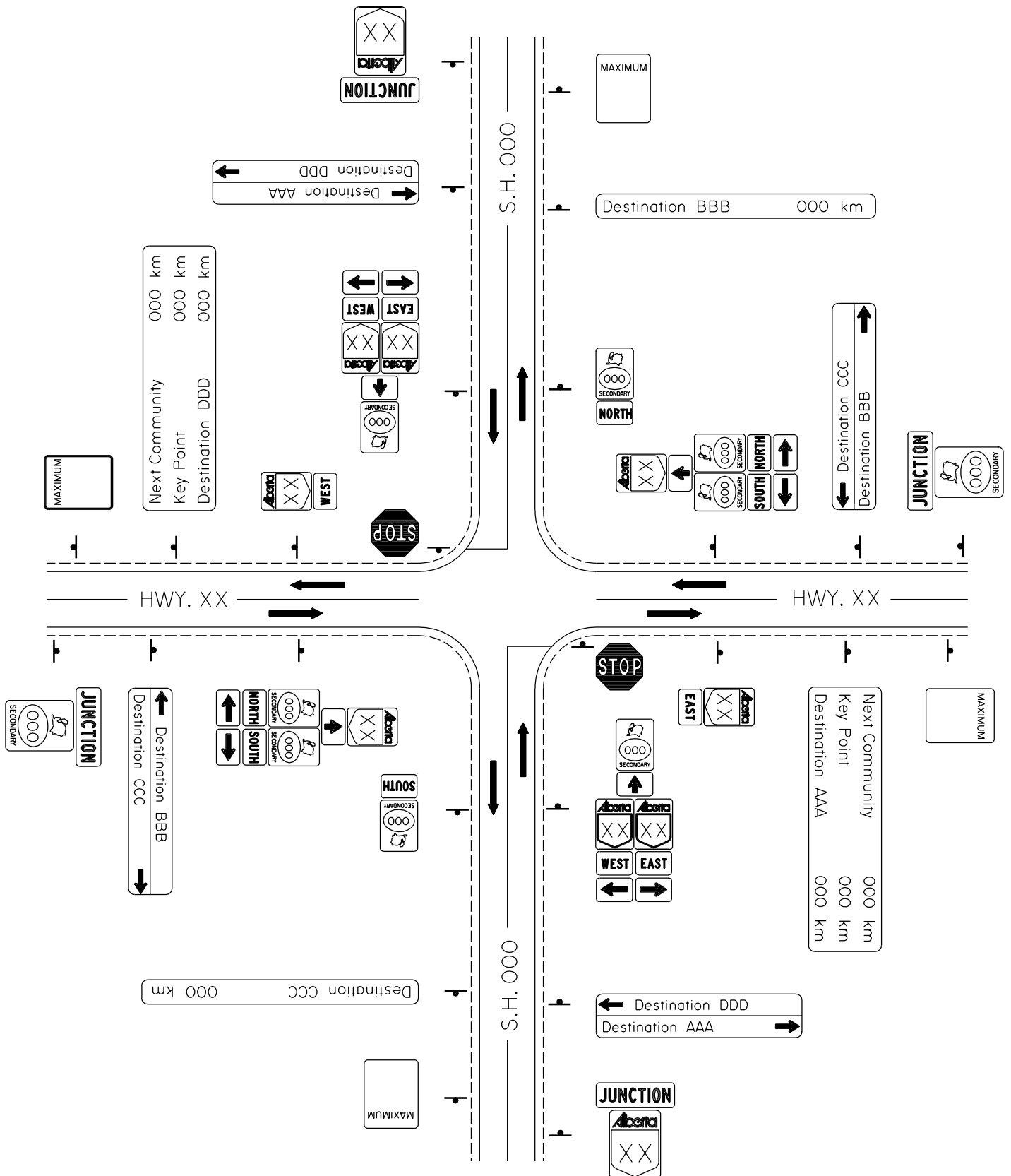
1. This plan shows sign requirements only. For installation locations Refer to TEB 1.6I and TEB 1.70.
2. This system to be used only if the distance between the offset secondary is 3.2km or less. If more than 3.2km they will be treated as individual T-Intersections.

Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.0I
	Date	Jan. 15/91
	Revision	Feb. 15/93
	Revision	

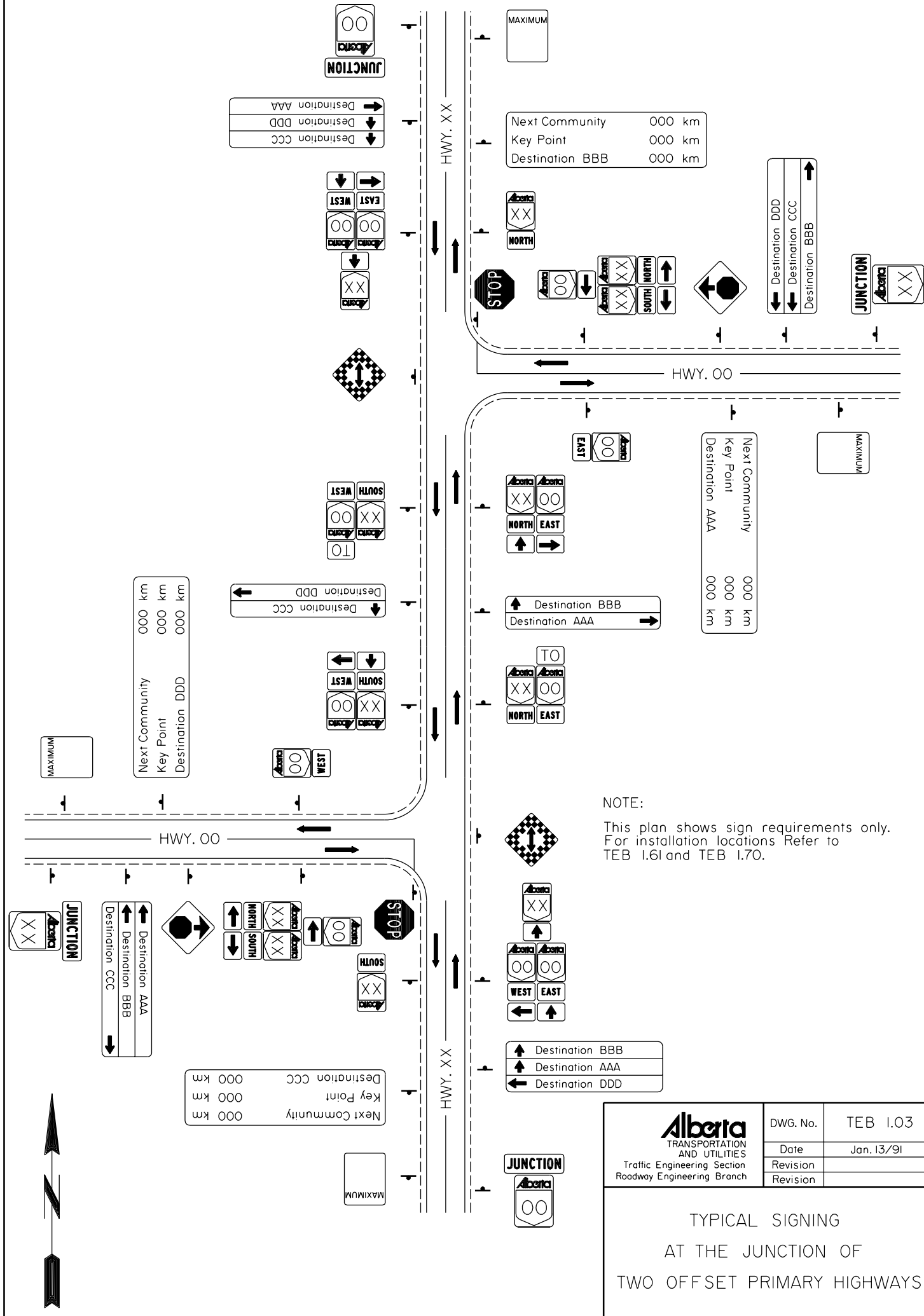
TYPICAL SIGNING
AT THE JUNCTION OF
TWO OFFSET SECONDARY HIGHWAYS



NOTE:
This plan shows sign requirements only.
For installation locations Refer to
TEB 1.6I and TEB 1.70.



Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.02
	Date	Jan. 09/92
	Revision	
	Revision	
TYPICAL SIGNING AT THE JUNCTION OF A PRIMARY AND SECONDARY HIGHWAY		



NOTE:
This plan shows sign requirements only.
For installation locations Refer to
TEB 1.6I and TEB 1.70.

Traffic Engineering Section
Roadway Engineering Branch

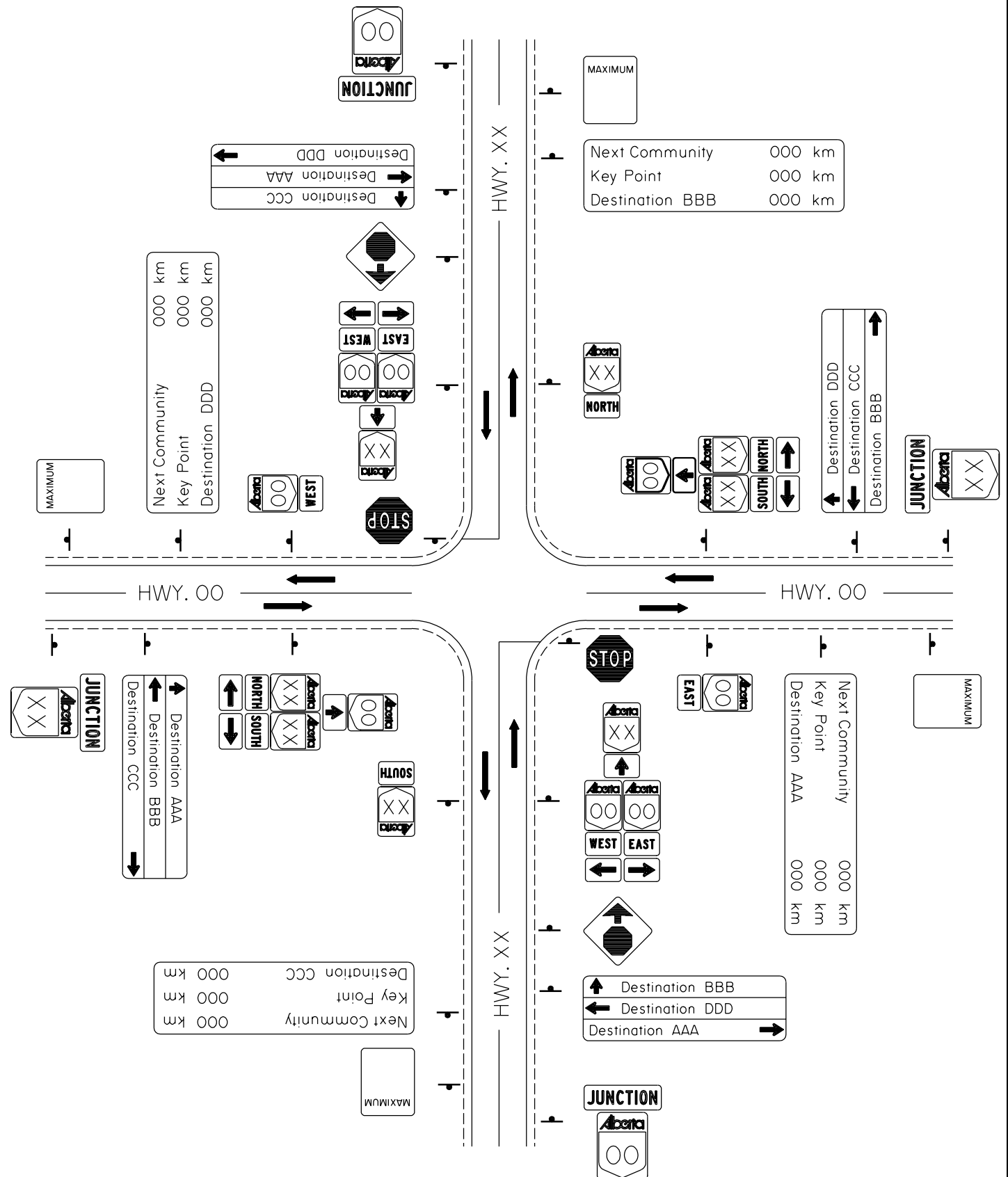
DWG. No.	TEB 1.03
Date	Jan. 13/91
Revision	
Revision	

TYPICAL SIGNING
AT THE JUNCTION OF
TWO OFFSET PRIMARY HIGHWAYS



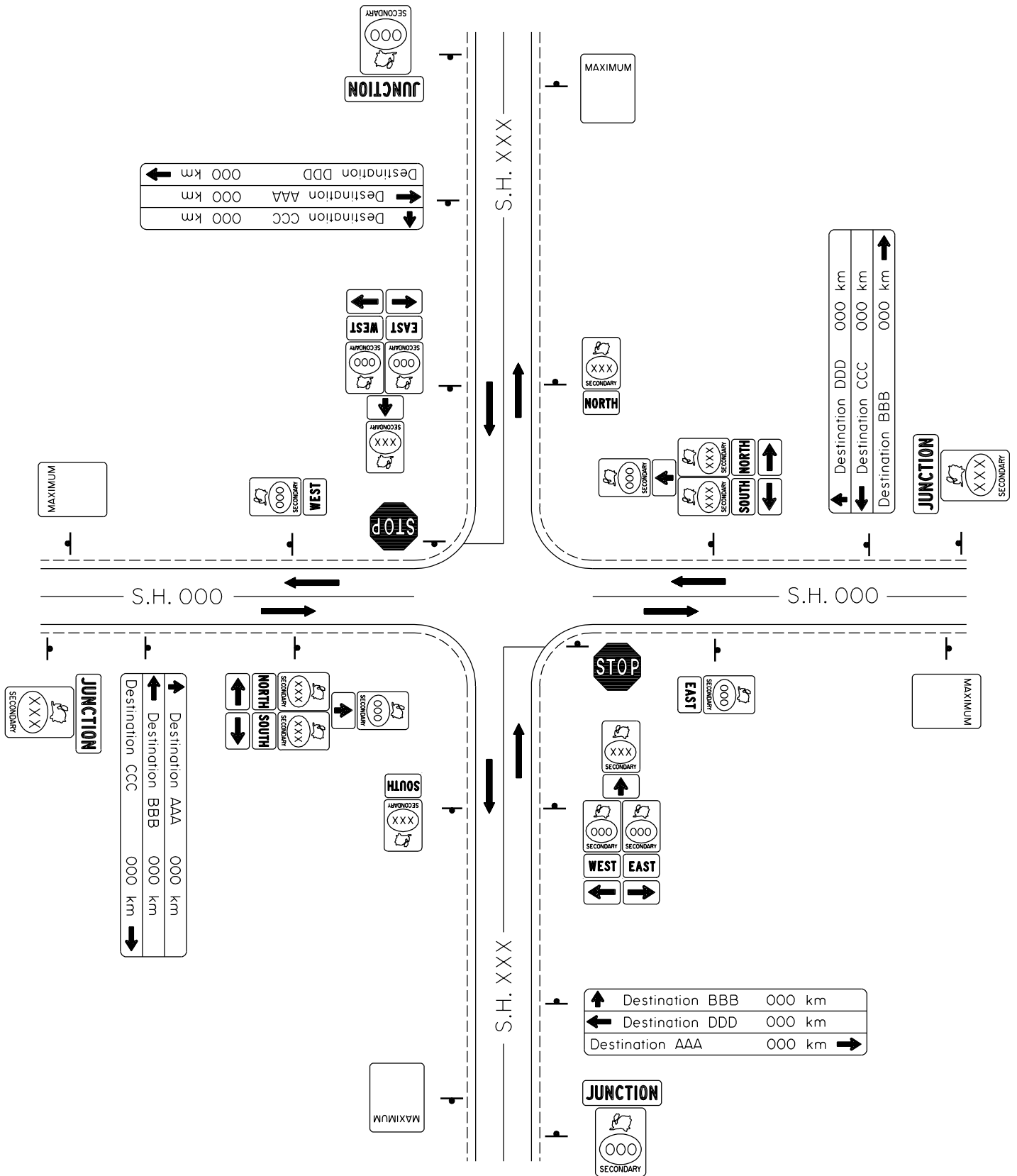
NOTE:

This plan shows sign requirements only.
For installation locations Refer to
TEB 1.61 and TEB 1.70.



Albera TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.04
	Date	Jan. 07/91
	Revision	
	Revision	

TYPICAL SIGNING
AT THE JUNCTION OF
TWO PRIMARY HIGHWAYS

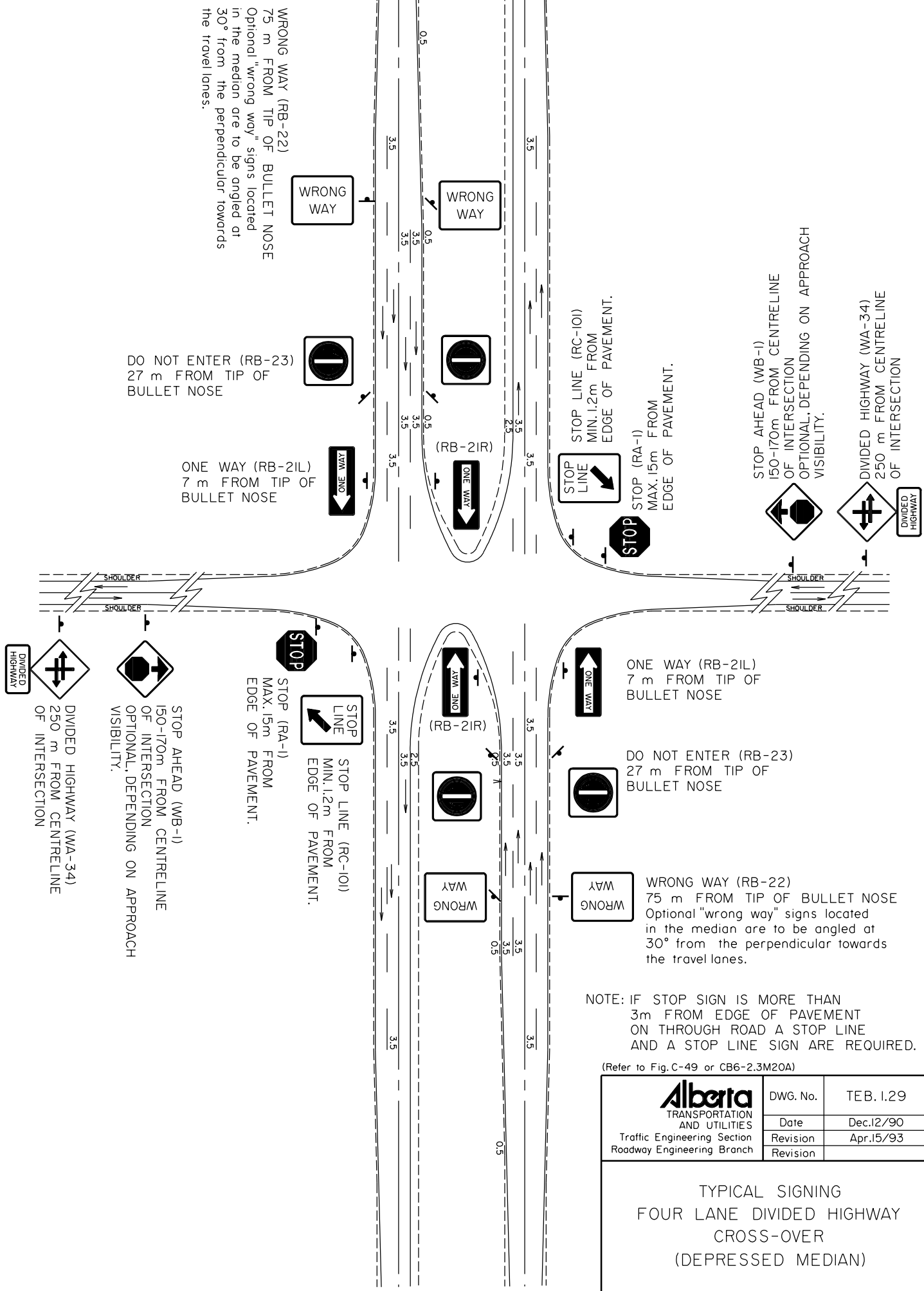


NOTE:

This plan shows sign requirements only.
For installation locations Refer to
TEB 1.6I and TEB 1.70.

Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.05
	Date	Jan. 03/92
	Revision	
	Revision	

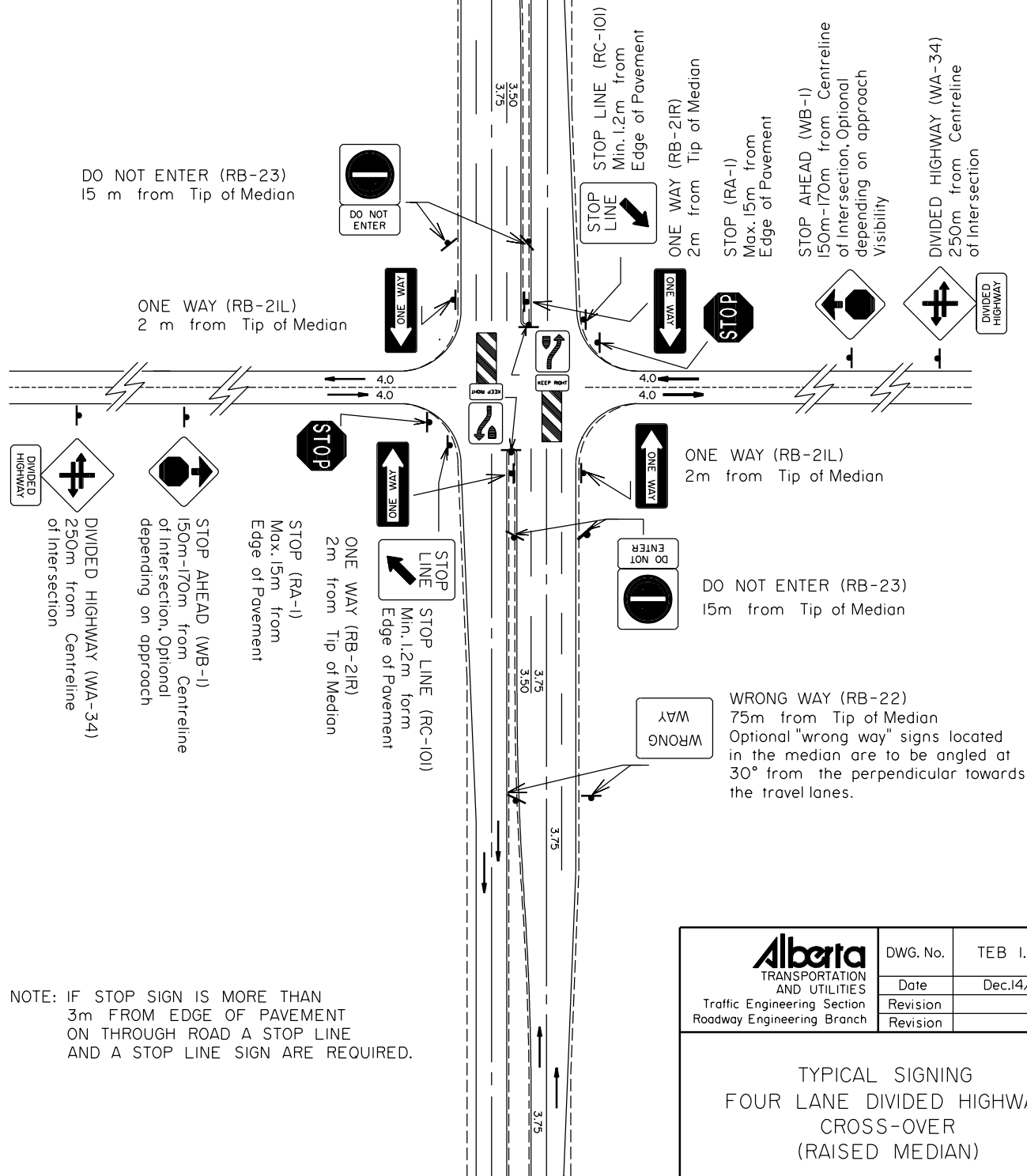
TYPICAL SIGNING
AT THE JUNCTION OF
TWO SECONDARY HIGHWAYS



Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB. I.29
	Date	Dec.12/90
	Revision	Apr.15/93
	Revision	

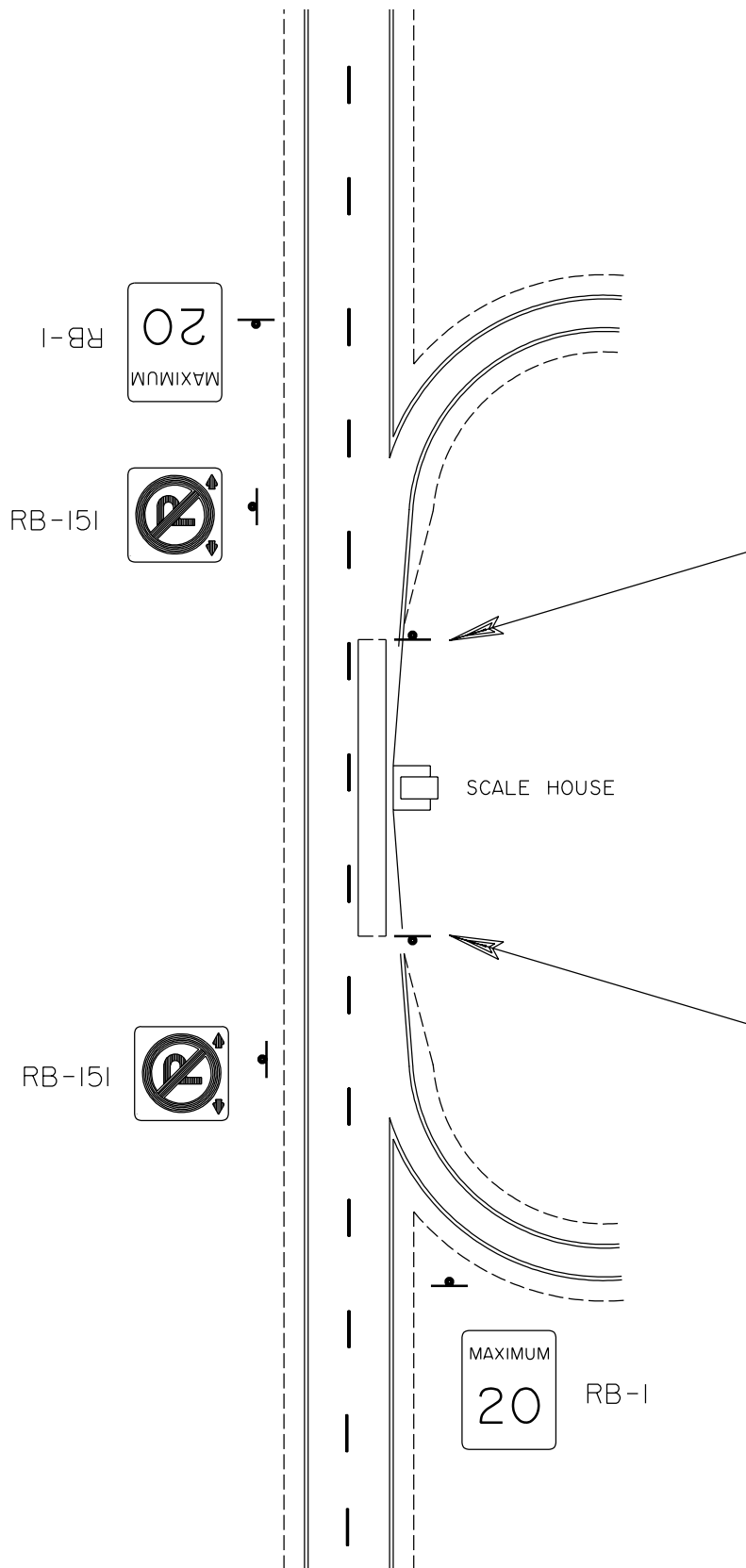
TYPICAL SIGNING
FOUR LANE DIVIDED HIGHWAY
CROSS-OVER
(DEPRESSED MEDIAN)

the travel lanes.
30° from the perpendicular towards
in the median are to be angled at
Optional "wrong way" signs located
75m from Tip of Median
WRONG WAY (RB-22)



Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.30
	Date	Dec.14/90
	Revision	
	Revision	

TYPICAL SIGNING
FOUR LANE DIVIDED HIGHWAY
CROSS-OVER
(RAISED MEDIAN)



STOP
 PROCEED
 NEXT AXLE
 BACK UP
 PARK ^{BRING} PAPERS
 OPERATORS REQUIRING
 PERMITS
 MUST REPORT
 TO SCALE HOUSE

STOP
 PROCEED
 NEXT AXLE
 BACK UP
 PARK ^{BRING} PAPERS
 OPERATORS REQUIRING
 PERMITS
 MUST REPORT
 TO SCALE HOUSE

NOTE:

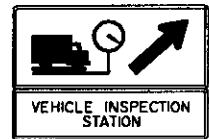
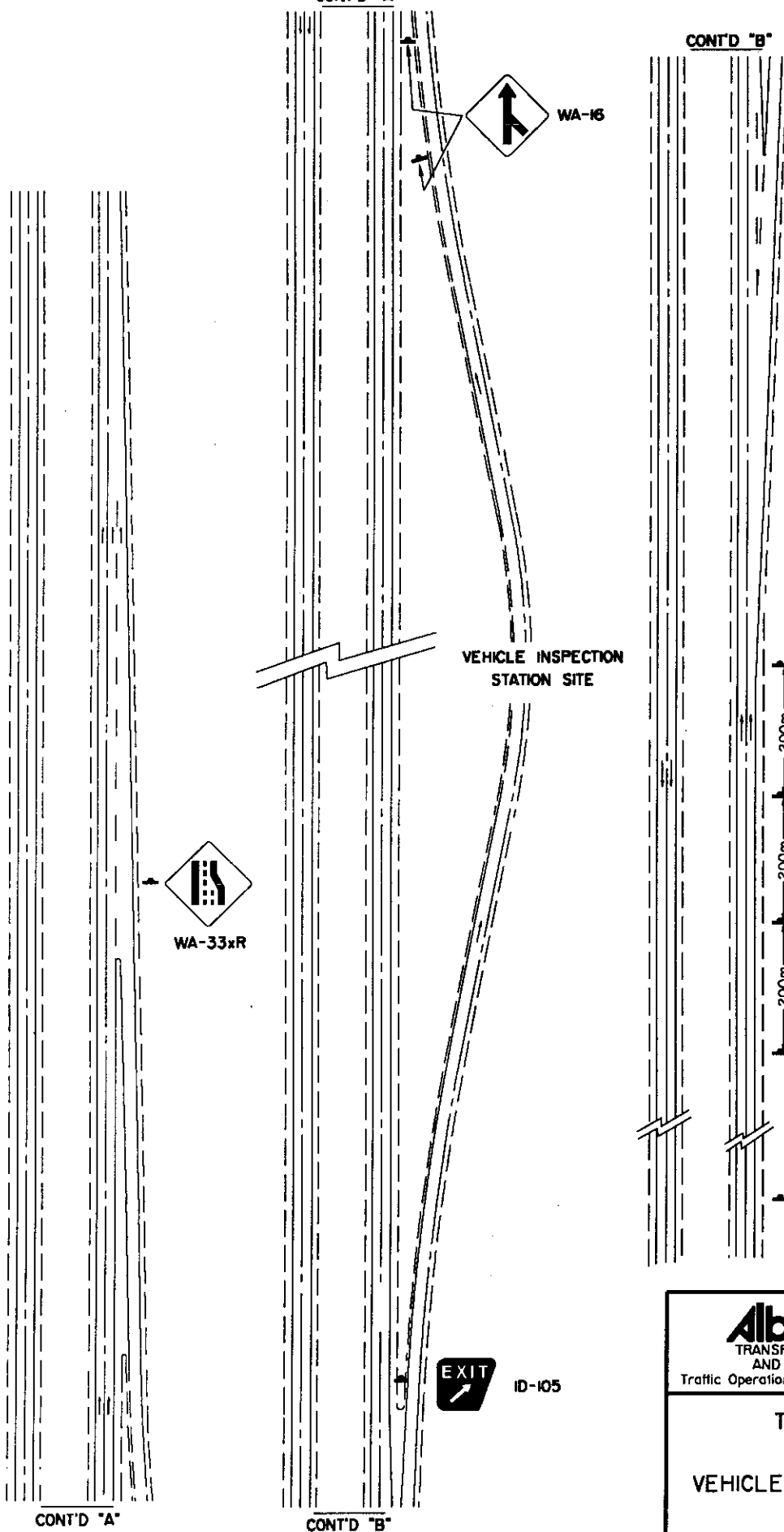
I. Class "A" Vehicle Inspection Sites require signing
 for one direction only.

Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.32
	Date	17/10/91
	Revision	
	Revision	

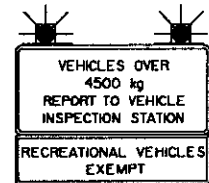
TYPICAL SIGNING
 IN A VEHICLE INSPECTION
 STATION SITE

CONT'D "A"

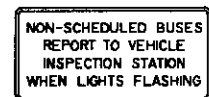
CONT'D "B"



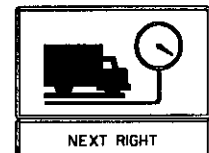
RB-77R
RB-76TX



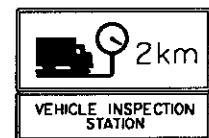
RB-203
RB-203T



RB-204



RB-75
RB-75TR



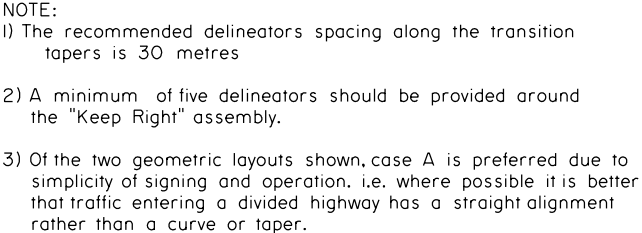
RB-76
RB-76TX



Alberta TRANSPORTATION AND UTILITIES Traffic Operations Branch	DWG. No.	TEB 1.33
	Date	DEC. 20/91
	Revision	
	Revision	

TYPICAL SIGNING
ON CLASS "A"
VEHICLE INSPECTION STATIONS

[Signature]
A.D. Cherwenuk, Director

CASE A




	Replaces Drawings TEB 1.49 and TEB 1.50	BB	Jan. 02
	Revised	BB	Jan. 02
No.	REVISIONS	BY	DATE

Approved:

ORIGINAL SIGNED
BY A.D. Cherwenuk

Executive Director,
Technical Standards Branch

Date: OCT 26/91



TYPICAL SIGNING

FOR DIVIDED HIGHWAY TRANSITIONS

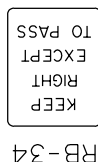
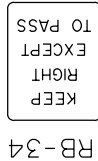
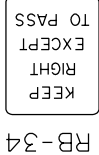
Prepared By: M.T.	Checked By: B.K.	Scale: N.T.S.	Dwg No.: TEB 1.49
-------------------	------------------	---------------	-------------------

AADT > 4000

AADT < 4000




NOTE:

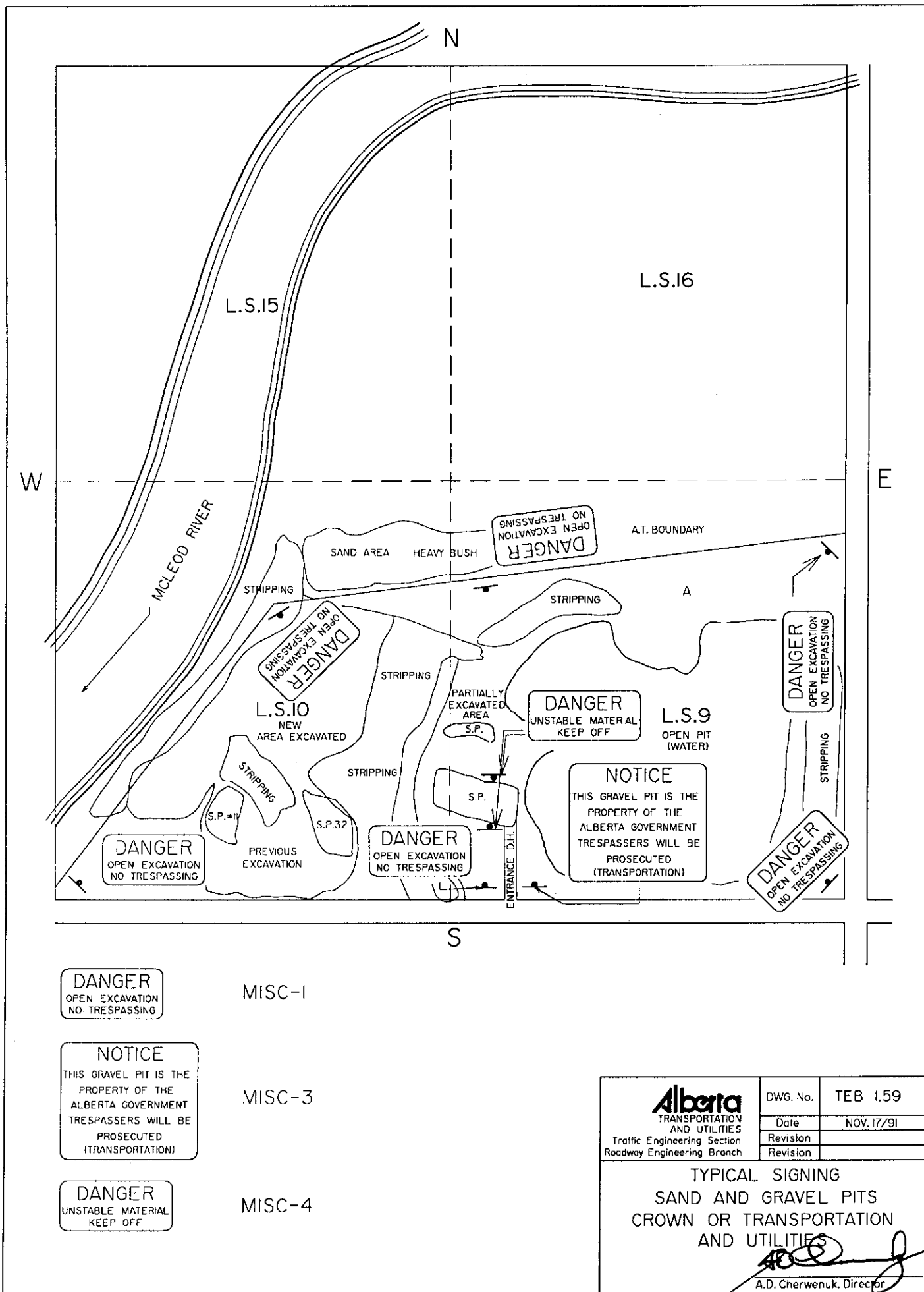
1. AADT>4000
Passing prohibited in single lane direction.
2. AADT<4000
Passing permitted in single lane direction provided sufficient sight is available.
3. The RB-34 and the RB-32 symbol must be placed at 500m intervals throughout the length of the passing lane and the RB-36 sign must be placed at 800m intervals throughout the passing permitted area.



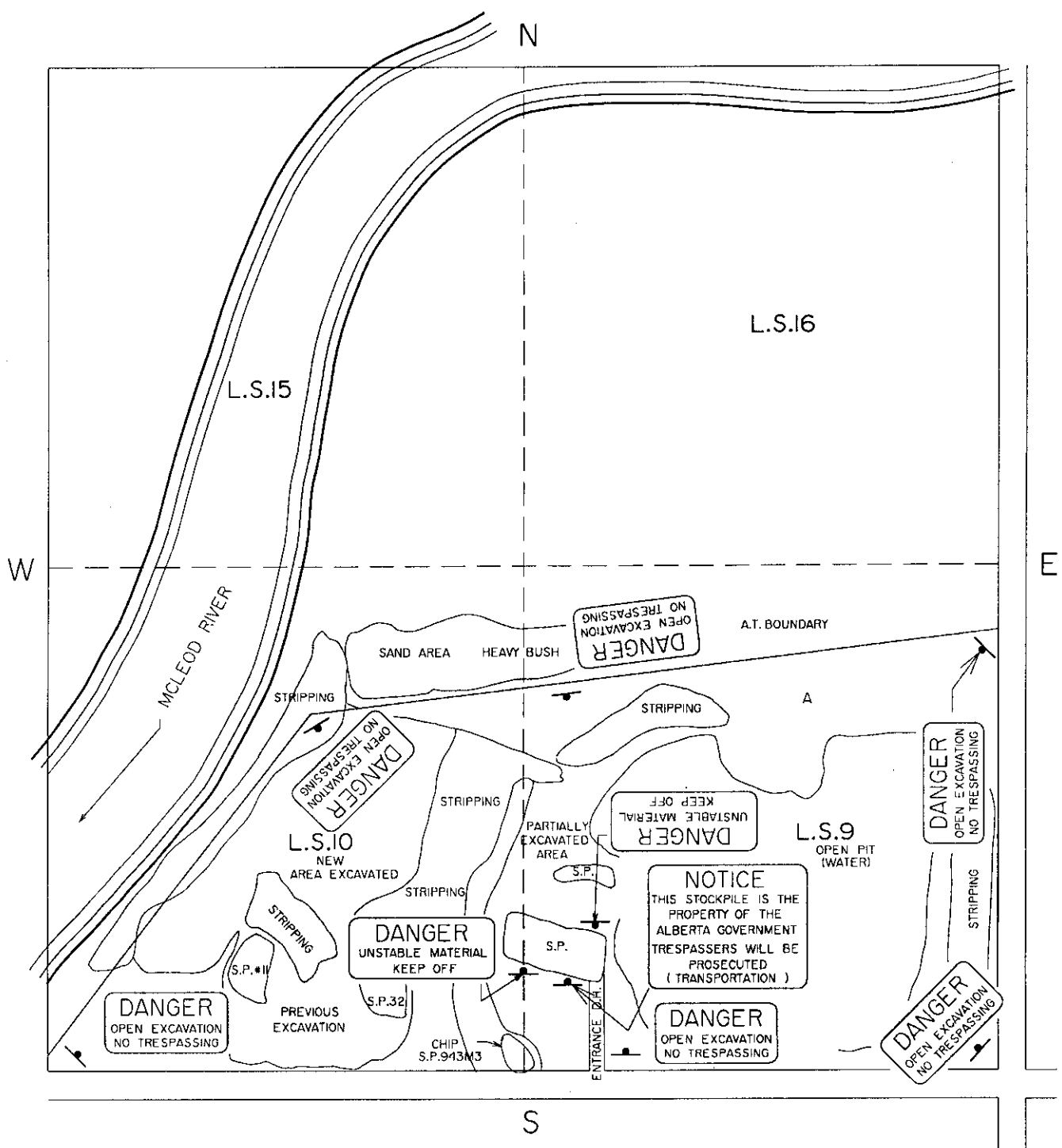
WHITE LINE
SHOULDER
SHOULDER
WHITE LINE

WHITE LINE
SHOULDER
SHOULDER
WHITE LINE

			
	WA-33R SIGN ADDED; TAB CHANGED; MERGE ARROWS RELOCATED; BROKEN WHITE LINE SHORTENED	R.D.	AUG 20/04
No.	REVISIONS	BY	DATE
Approved: ----- Executive Director, Technical Standards Branch			
Date: APRIL 4/91			
TYPICAL SIGNING FOR PASSING & CLIMBING LANES			
Prepared By: S.L.	Checked By: R.D.	Scale: N.T.S.	Dwg No.: TEB 1.58



Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.59
	Date	NOV. 17/91
	Revision	
	Revision	
TYPICAL SIGNING SAND AND GRAVEL PITS CROWN OR TRANSPORTATION AND UTILITIES		
 A.D. Cherwenuk, Director		



DANGER
OPEN EXCAVATION
NO TRESPASSING

MISC-1

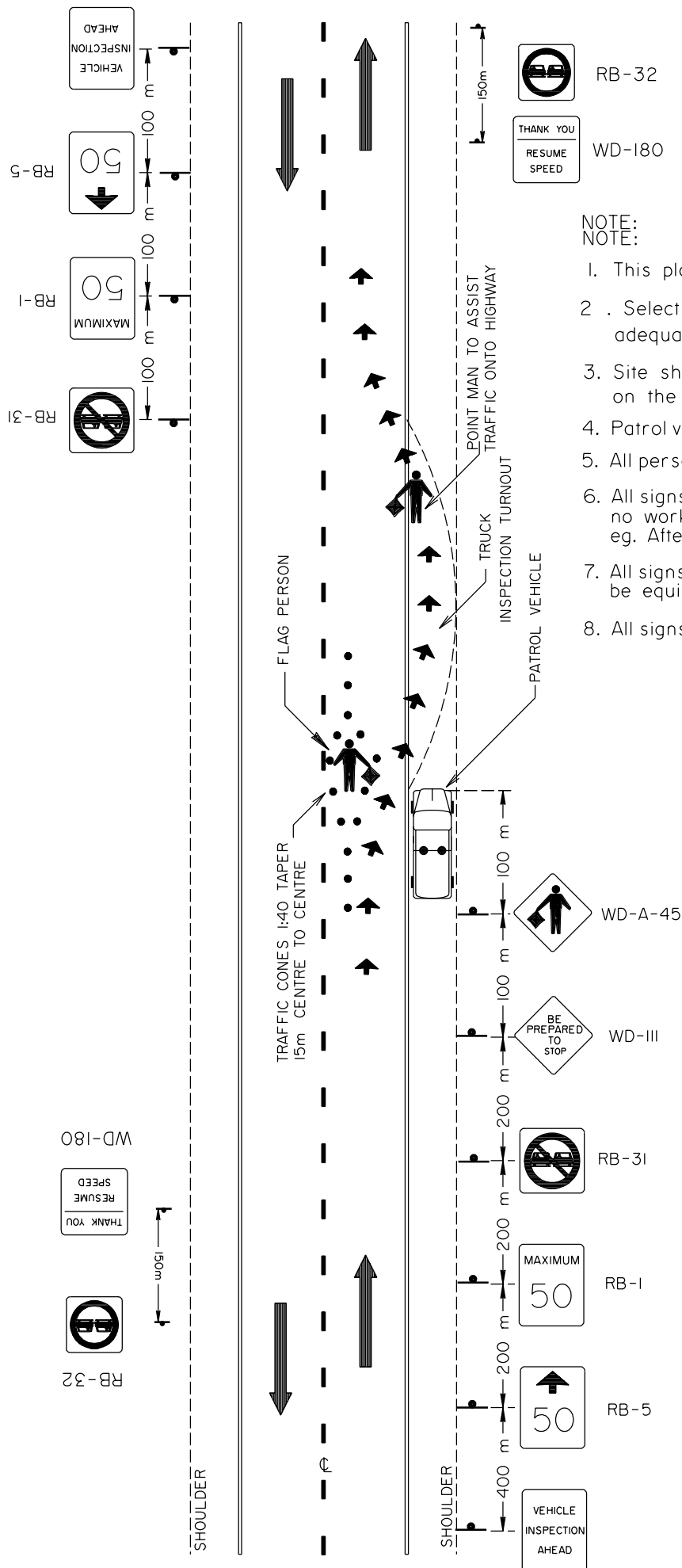
NOTICE
THIS STOCKPILE IS THE
PROPERTY OF THE
ALBERTA GOVERNMENT
TRESPASSERS WILL BE
PROSECUTED
(TRANSPORTATION)

MISC-4

DANGER
UNSTABLE MATERIAL
KEEP OFF

MISC-2

Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.60
	Date	NOV. 17/91
	Revision	
	Revision	
TYPICAL SIGNING PRIVATE SAND AND GRAVEL PITS		
 A.D. Cherwenuk, Director		



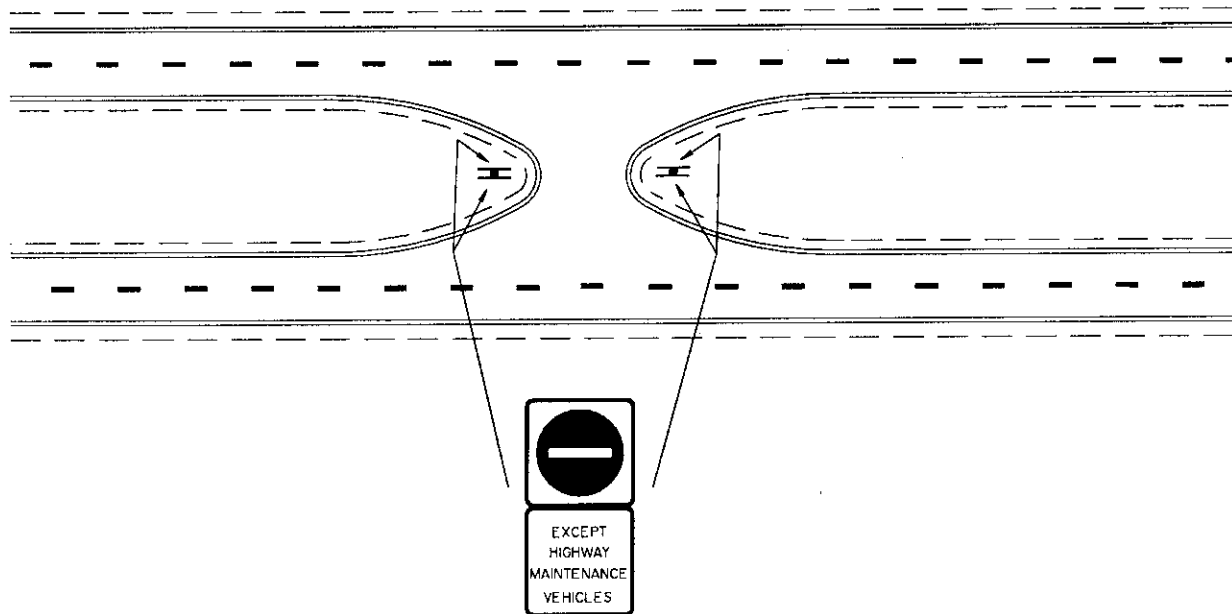
NOTE:
NOTE:

1. This plan shows typical signing only.
2. Select a highway shoulder or turnout with adequate space for inspection.
3. Site should have clear visibility both directions on the highway.
4. Patrol vehicle to have it's lights flashing.
5. All personnel to be wearing traffic vests.
6. All signs to be removed or covered when no work is being performed.
eg. After working hours or noon hour.
7. All signs mounted on portable stands to be equipped with red flags.
8. All signs to be clean and in good condition.

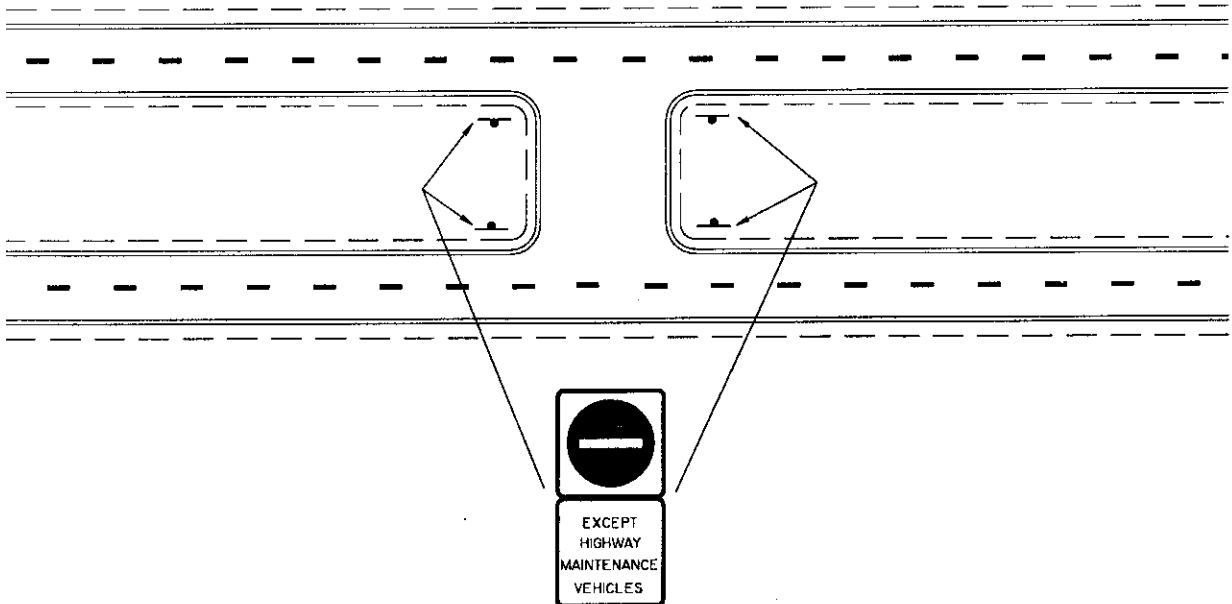
Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.62
	Date	DEC. 20/91
	Revision	
	Revision	

TYPICAL SIGNING
T.F.O. TRUCK INSPECTION SITES
TWO LANE TWO WAY TRAFFIC

CROSSOVER WIDTH UNDER 5m



CROSSOVER WIDTH OVER 5m



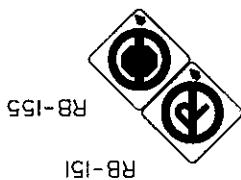
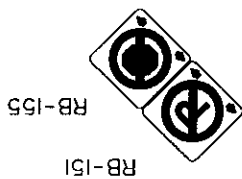
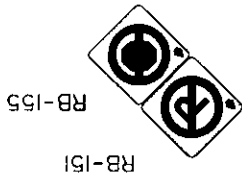
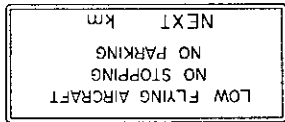
Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.63
	Date	NOV.11/91
	Revision	
	Revision	

TYPICAL SIGNING
 HIGHWAY MAINTENANCE
 EQUIPMENT CROSSING FOUR-LANE
 FOUR-LANE DIVIDED

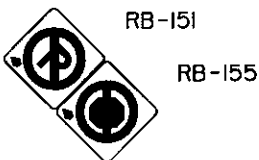
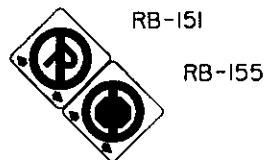
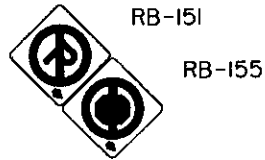
[Signature]
 A.D. Cherwenuk, Director



OR

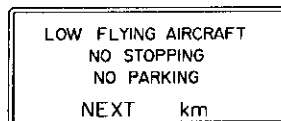


200m
200m MAX

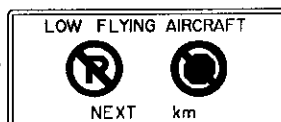


200m MAX

200m



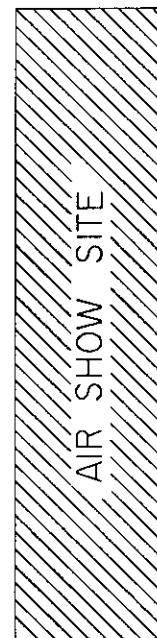
OR



Signs may be mounted on wooden posts or on folding legs.

Signs shall be 60cm x 60cm.

For four (4) Lane Divided highways RB-151 and RB-155 signs must be placed on both sides for each direction of travel.

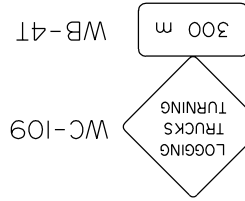
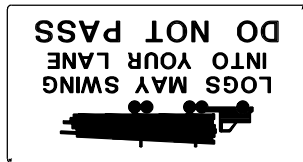


Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.66
	Date	OCT. 07/91
	Revision	
	Revision	

TYPICAL SIGNING
ON HIGHWAYS ADJACENT
TO AIR SHOWS

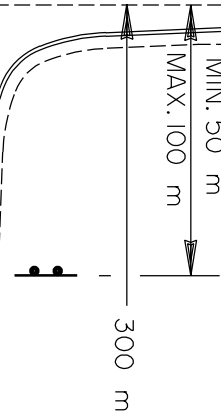
[Signature]
A.D. Cherwenuk, Director

WC-314L



MIN. 50 m
MAX. 100 m

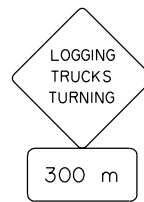
300 m



MIN. 50 m
MAX. 100 m


300 m

WC-314R

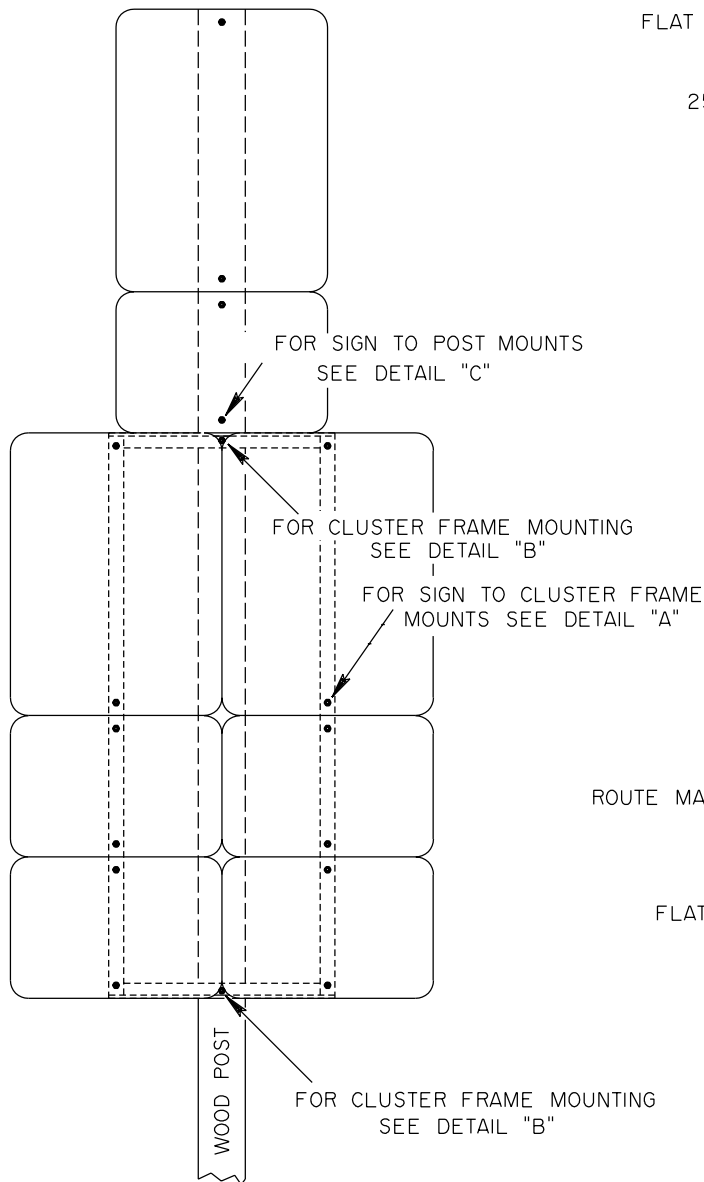


WC-109

WB-4T

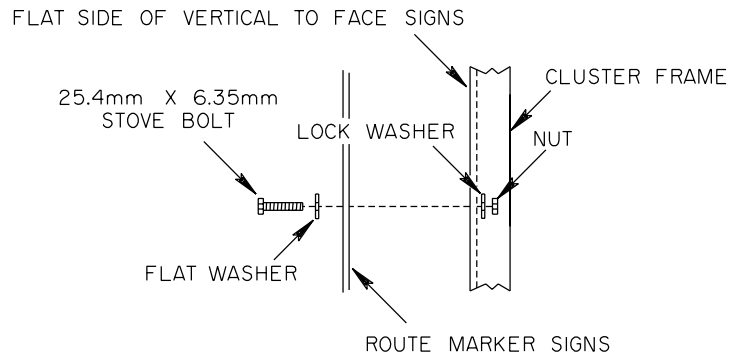
 Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.67
	Date	OCT. 11 / 90
	Revision	
	Revision	
TYPICAL SIGNING FOR LOGGING TRUCK TURNING LOCATIONS		

FRONT VIEW



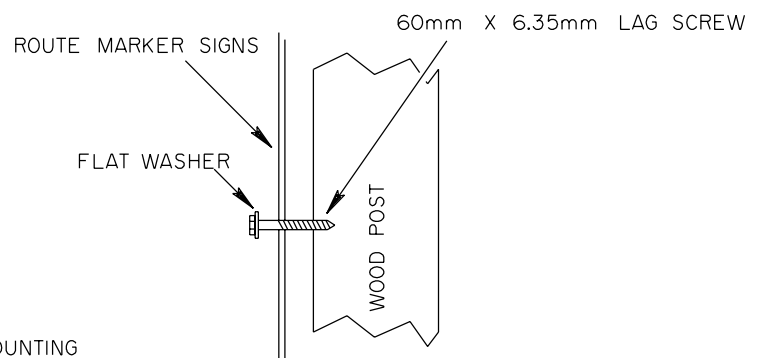
DETAIL "A"

SIDE VIEW SECURING SIGN TO CLUSTER FRAME



DETAIL "C"

SIDE VIEW SECURING SIGN TO POST

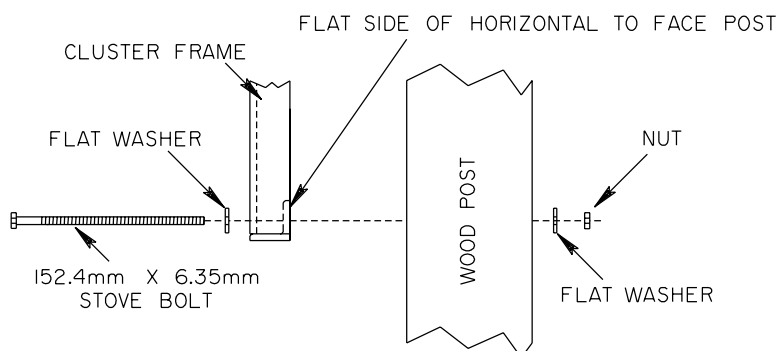


NOTE:

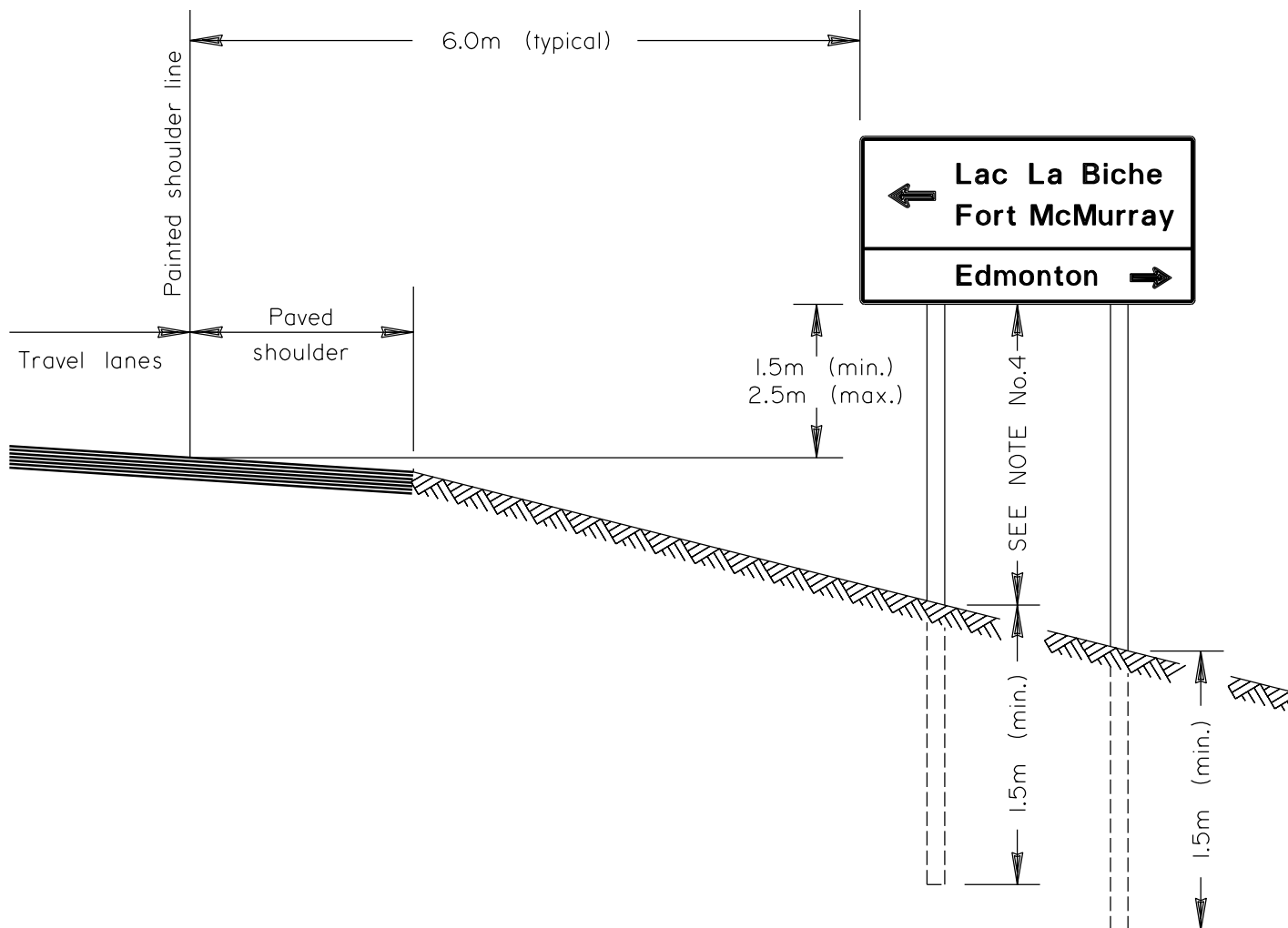
1. The holes are predrilled in the sign.
2. Signs to be mounted flush with the top of post.
3. All nuts, washers and bolts to be cadmium plated.

DETAIL "B"

SIDE VIEW SECURING CLUSTER FRAME TO POST



Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.69
	Date	JULY 08/91
	Revision	
	Revision	
TYPICAL ROUTE MARKER CLUSTER BOARD ASSEMBLY		

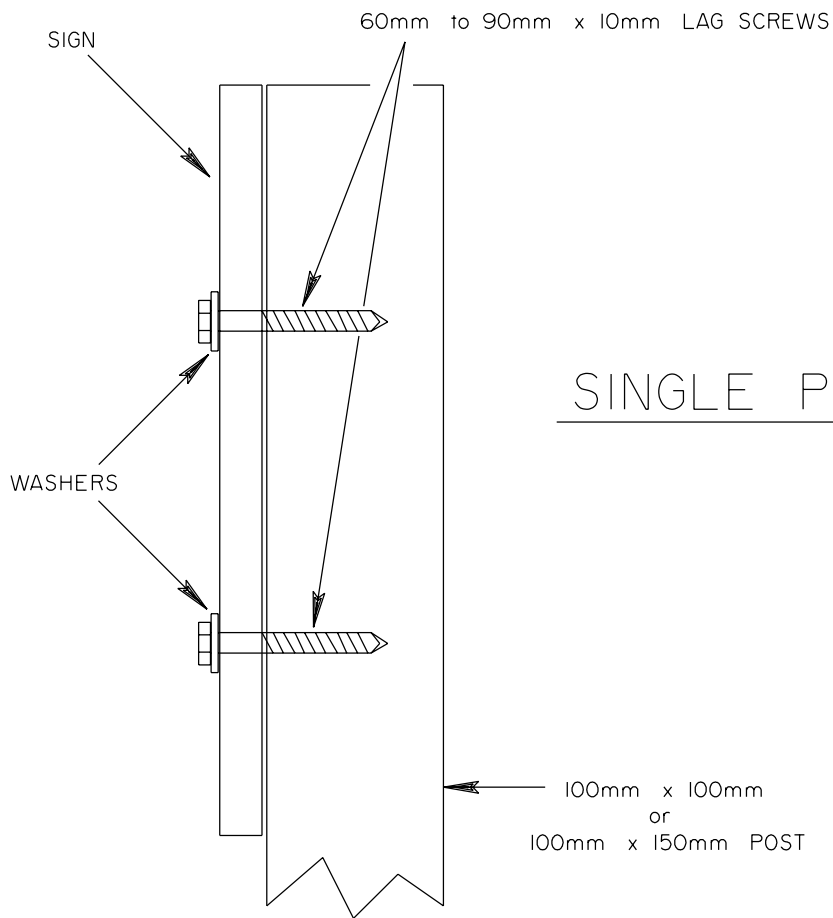


NOTE:

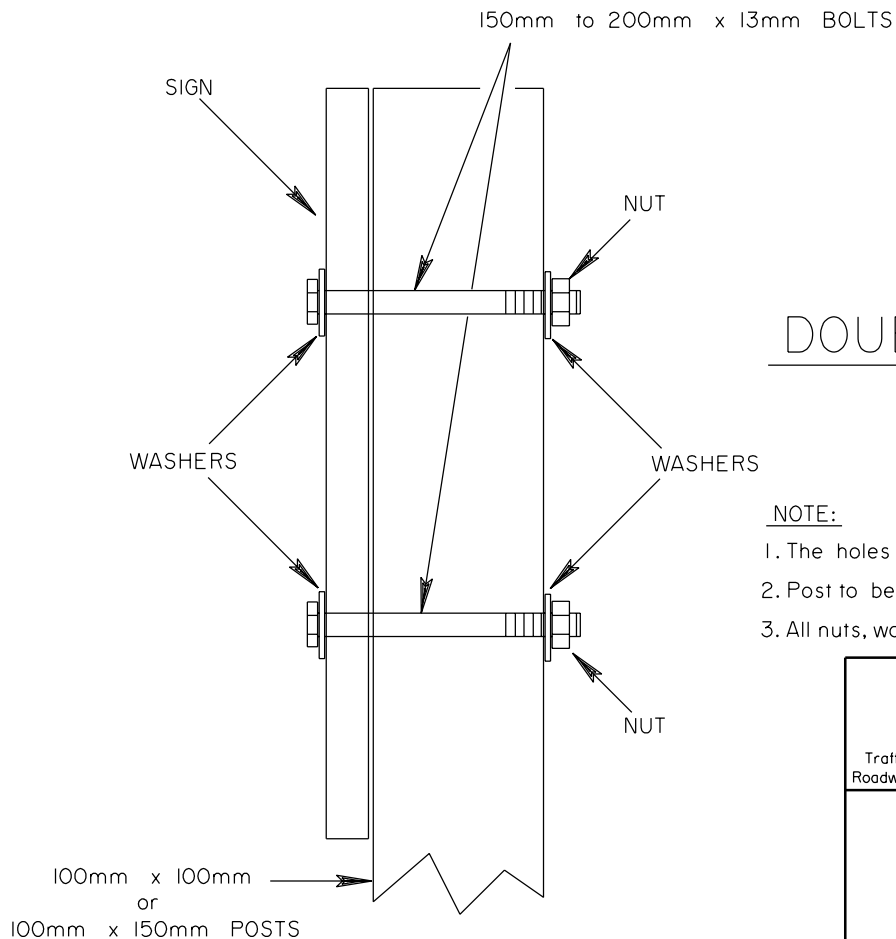
1. All signs to be erected 90° to road unless otherwise indicated.
2. Single post signs should also be installed to these specifications.
3. This plan shows typical installation only. Offsets may require adjustment for specific situations.
4. 2.2m min. for steel breakaway groundmount posts.

Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.70
	Date	APRIL 5/91
	Revision	Mar. 27/92
	Revision	

TYPICAL SIGN
INSTALLATION HEIGHT
& LATERAL LOCATION



SINGLE POST SIGN



DOUBLE POST SIGN

NOTE:

1. The holes are predrilled in the sign.
2. Post to be cut flush with the top of sign and stained.
3. All nuts, washers and bolts to be cadmium plated.

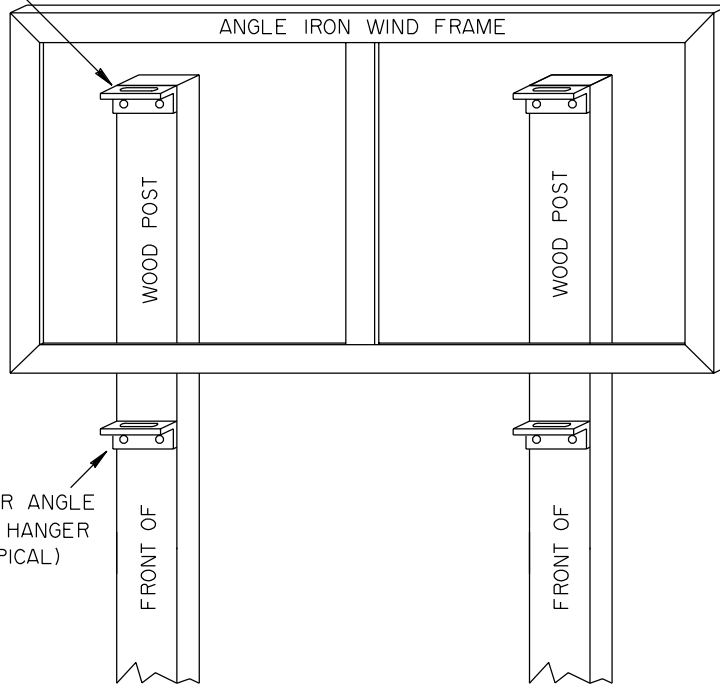
Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.71
	Date	JUNE 26/91
	Revision	Feb. 15/93
	Revision	

TYPICAL
SIGN ASSEMBLY DETAIL

PICTORIAL OF WINDFRAME AND POST STRUCTURE

UPPER ANGLE
IRON HANGER
(TYPICAL)

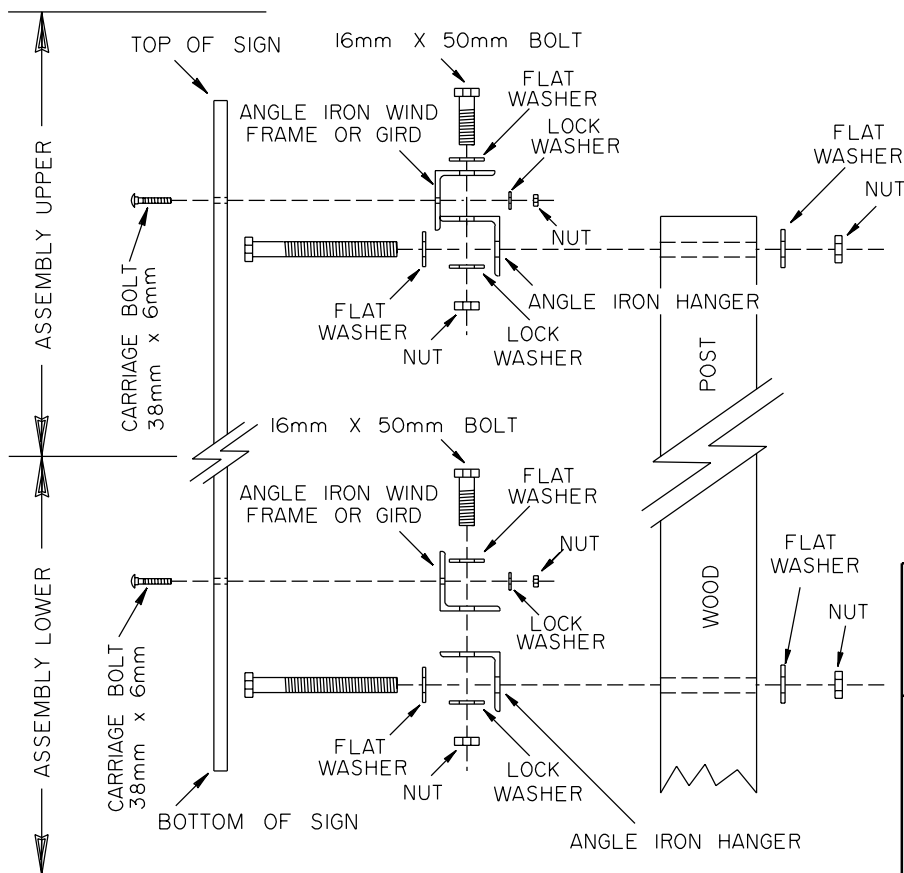
NOTE: WIND FRAME SHOWN ELEVATED ABOVE
ANGLE IRON HANGERS FOR CLARITY.



NOTE:

1. Signs with angle iron girds are mounted similar to wind frames.
2. Wind frames, girds and hangers to be constructed from 60mm x 60mm x 6mm angle iron.
3. All nuts, washers and bolts to be cadmium plated.

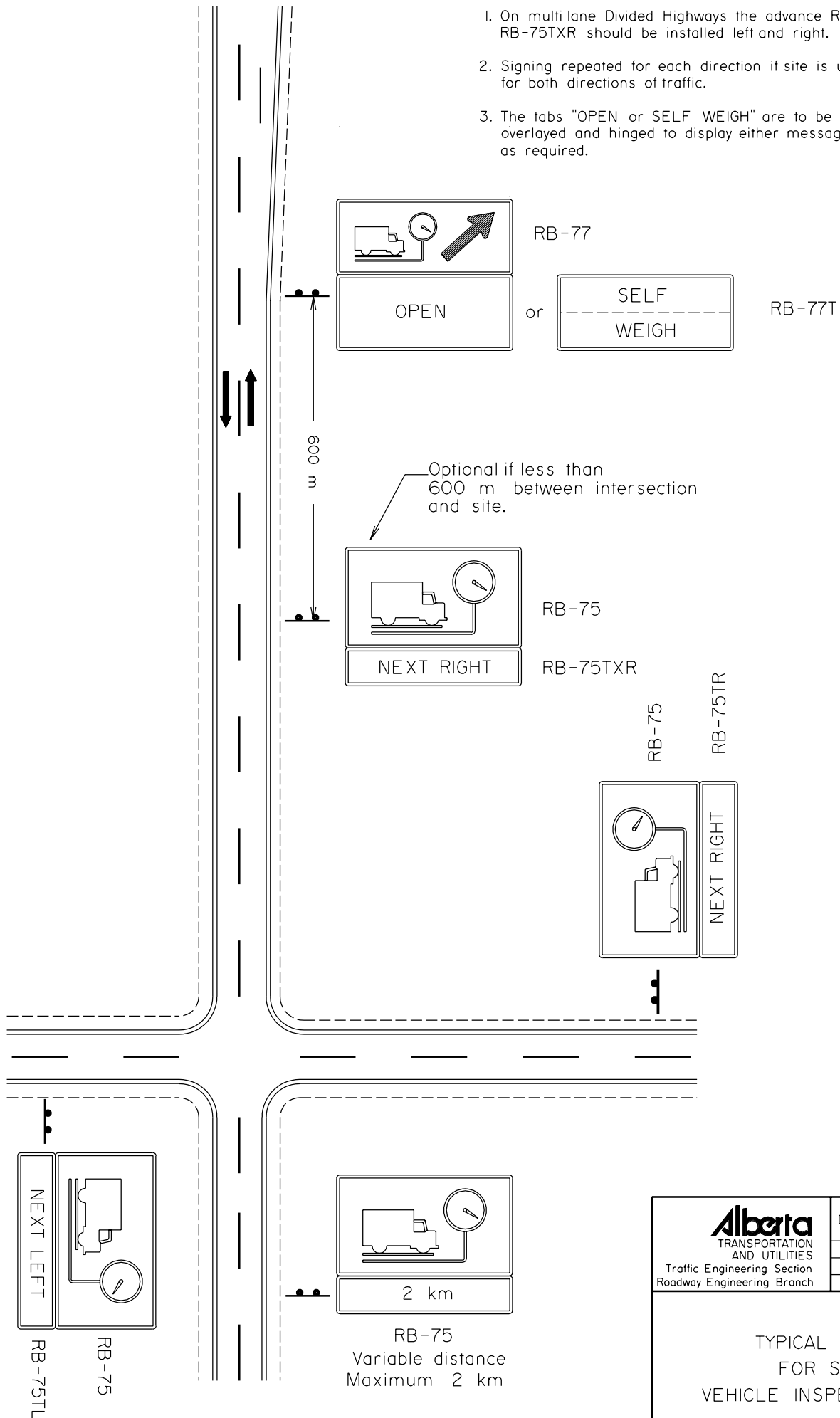
SIDE VIEW DETAIL HANGER/BOLT ASSEMBLY



Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.72
	Date	JUNE 20/91
	Revision	
	Revision	
TYPICAL INSTALLATION OF LARGE SIGNS (ON WOODEN POSTS)		

NOTE:

1. On multi lane Divided Highways the advance RB-75 & RB-75TXR should be installed left and right.
2. Signing repeated for each direction if site is used for both directions of traffic.
3. The tabs "OPEN or SELF WEIGH" are to be overlayed and hinged to display either messages as required.

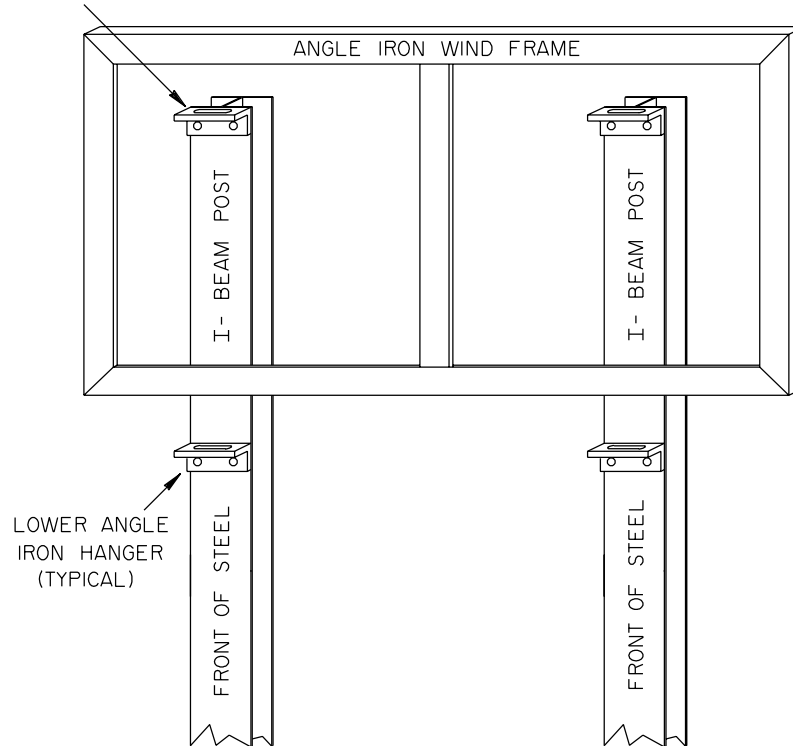


Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.73
	Date	Mar. 22/91
	Revision	Feb. 16/93
	Revision	
TYPICAL SIGNING FOR STATIC VEHICLE INSPECTION SITES		

PICTORIAL OF WINDFRAME AND POST STRUCTURE

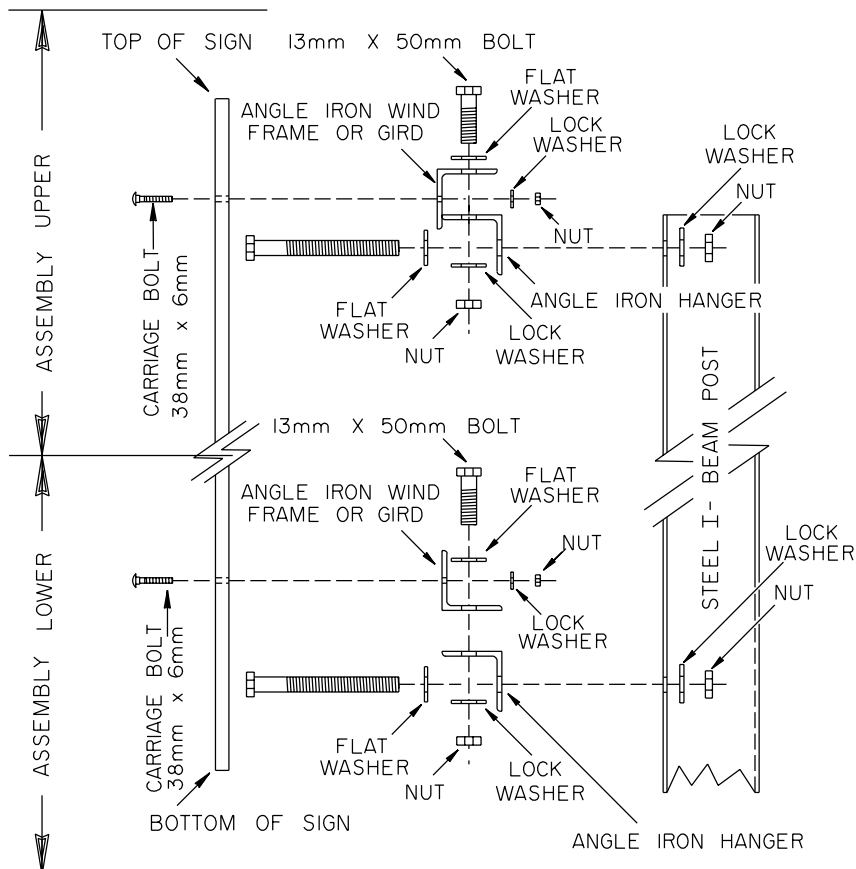
UPPER ANGLE
IRON HANGER
(TYPICAL)

NOTE: WIND FRAME SHOWN ELEVATED ABOVE
ANGLE IRON HANGERS FOR CLARITY.



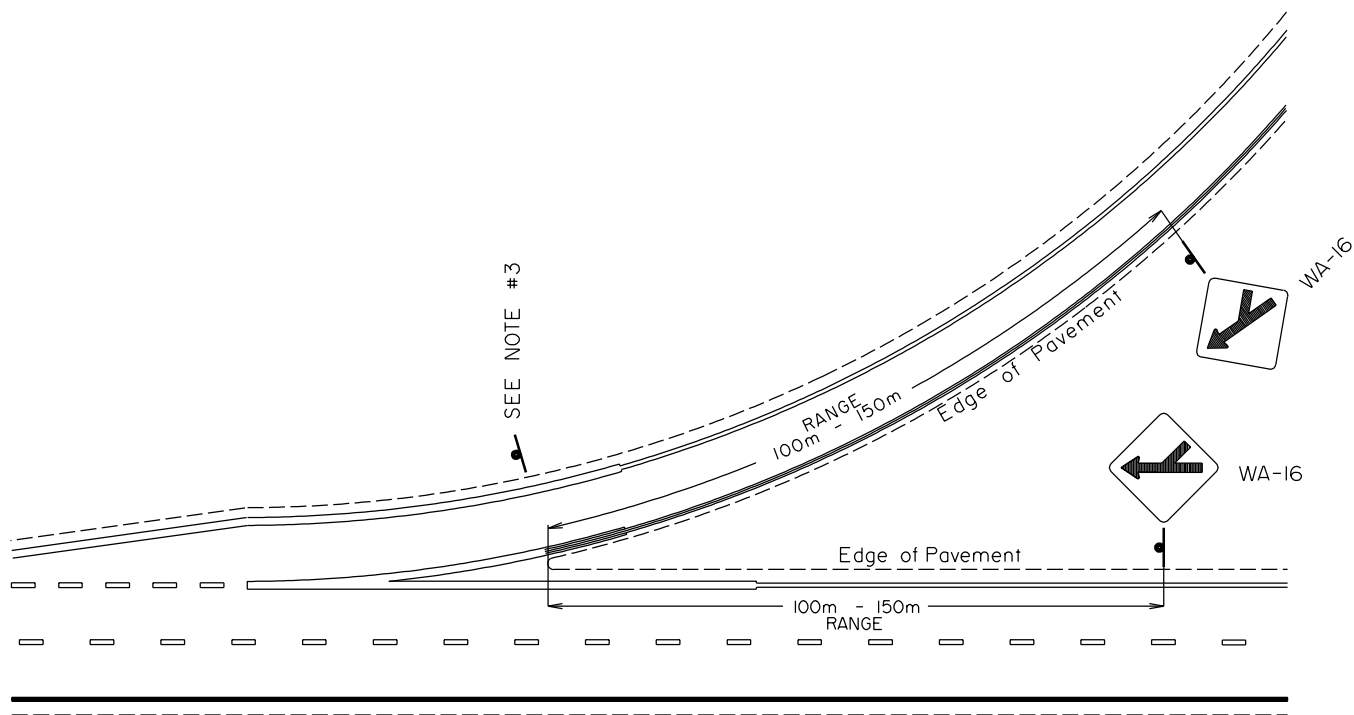
NOTE:

1. Signs with angle iron girds are mounted similar to wind frames.
2. Wind frames, girds and hangers to be constructed from 60mm x 60mm x 6mm angle iron.
3. All nuts, washers and bolts to be cadmium plated.



SIDE VIEW DETAIL HANGER/BOLT ASSEMBLY

Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.75
	Date	JUNE 20/91
	Revision	
	Revision	
TYPICAL INSTALLATION OF LARGE SIGNS (ON STEEL I-BEAM POSTS)		



NOTE:

The Merge sign when placed in advance of a point where two roadways converge and where no movement conflicts occur, shall indicate to the road user that merging movements may be encountered. WHEN USED, THE SIGN SHALL BE ERECTED ON THE SIDE OF THE ROADWAY ON WHICH MERGING TRAFFIC WILL BE ENCOUNTERED and in such a position as not to obstruct the driver's view of those vehicles about to merge.

A Merge sign may be warranted under the following conditions:

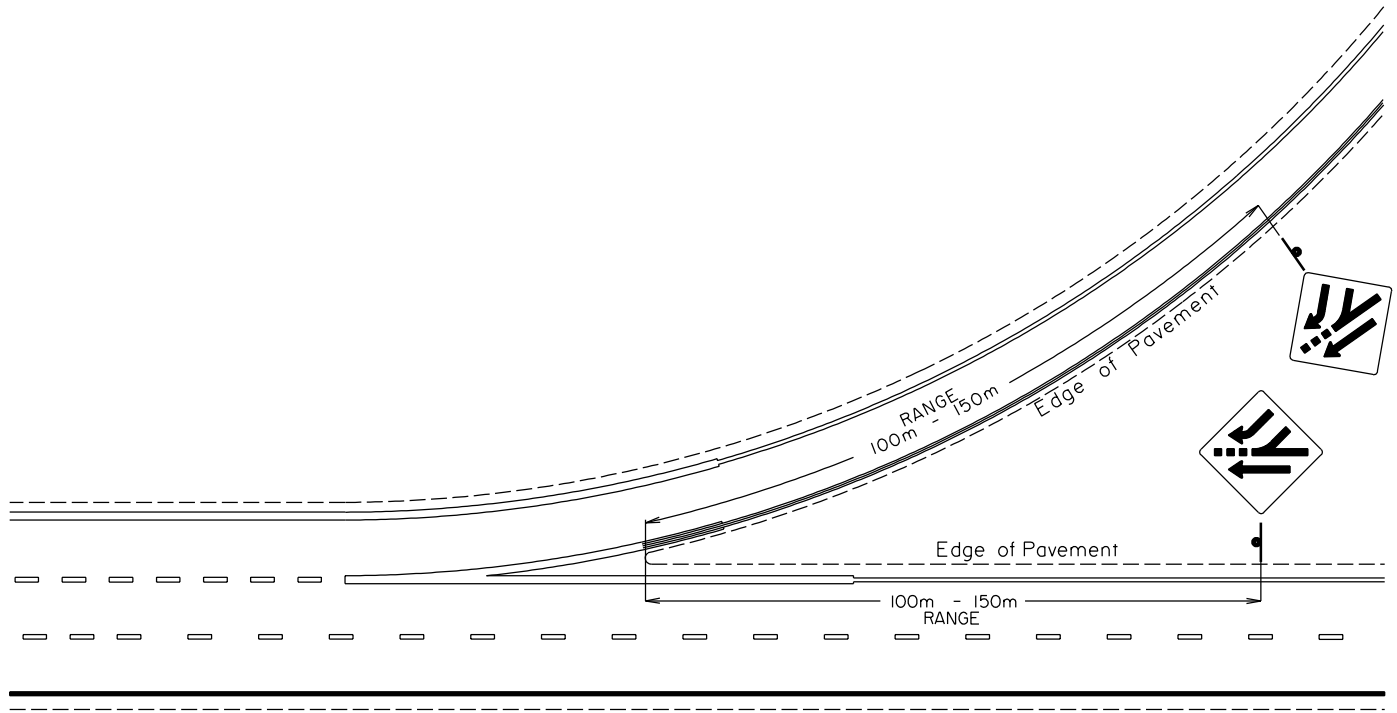
1. Where the merging traffic condition is not obvious to the road user.
2. Where the length of the taper exceeds the value in the following table.

DESIGN SPEED FOR THROUGH HIGHWAY (km/h)	THE LENGTH OF TAPER (m)
50	50
60	60
70	65
80	70
90	80
100	85
110	90
120	95
130	100
140	110

3. Where the length of taper is less than these warrants, a Stop or Yield sign may be erected on the minor roadway.
4. Where grades exceed 2% or where there are very high traffic volumes additional taper length may be required to warrant using Merge signs.

Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.76
	Date	Sept 11/91
	Revision	
	Revision	

TYPICAL SIGNING
FOR
MERGING TRAFFIC



NOTE:

An Added Lane sign is intended for use in advance of a point where two roadways converge and merging movements are not required. This sign should be erected in advance of the point of convergence. A sign should be placed on each roadway on the side of the roadway on which the other roadway converges.

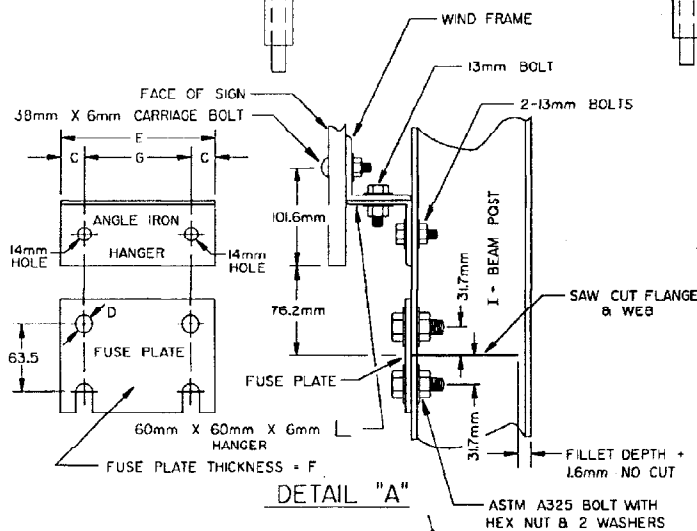
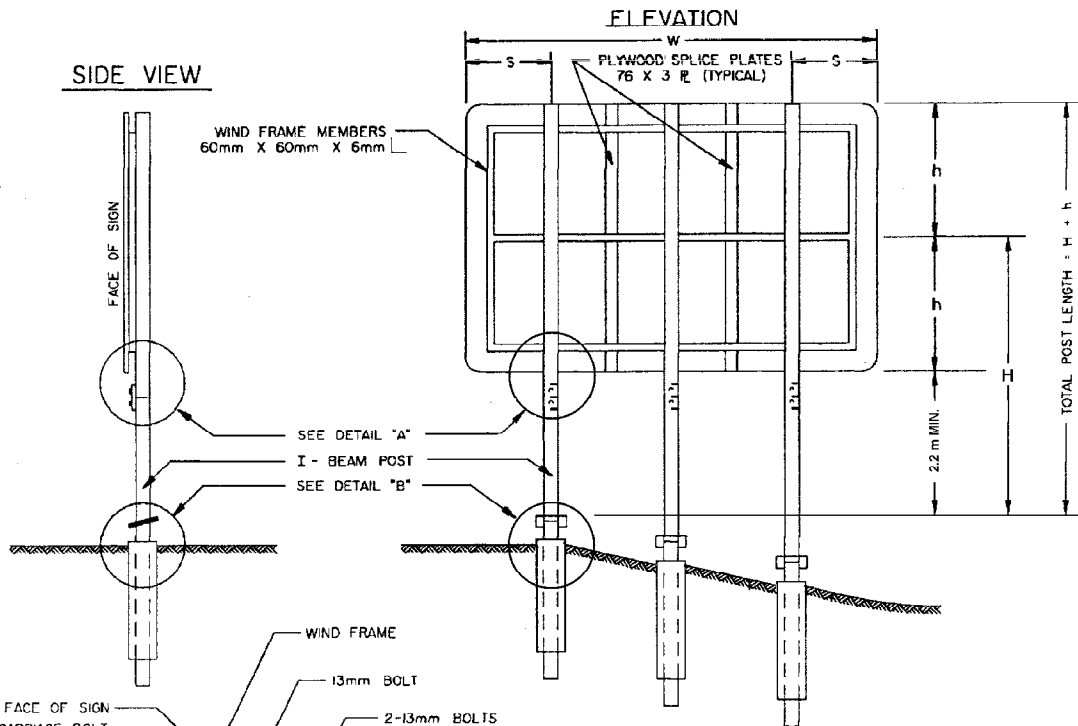


WA-112

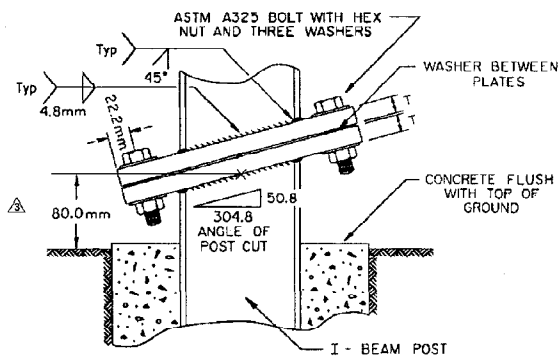
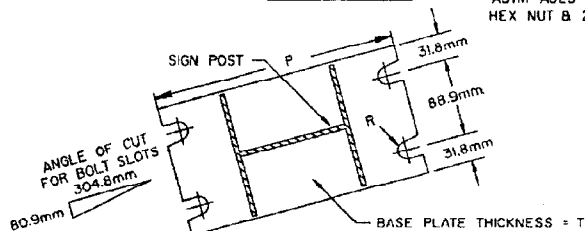
Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.77
	Date	Sept 11/91
	Revision	
	Revision	

TYPICAL SIGNING
FOR
ADDED LANES

SIDE VIEW



H (m)	POST TYPE Δ			
	W 150x14 (W 6x9)	W 200x15 (W 8x10)	W 150x22 (W 6x15)	W 200x27 (W 8x18)
	$\frac{1}{2}$ AREA OF SIGN (W x h) m ²			
2.74	6.32	9.66	12.54	
3.05	5.76	8.64	11.24	
3.35	5.20	7.99	10.22	
3.66	4.83	7.25	9.38	13.47
3.96	4.46	6.69	8.64	12.36
4.27	3.99	6.22	8.08	11.43
4.57	3.81	5.76	7.62	10.59
4.88	3.53	5.39	7.15	9.94
5.18	3.34	5.11	6.69	9.29
5.49	3.16	4.83	6.32	8.64
5.79	3.07	4.55	5.95	8.27



POST SIZE	BASE CONNECTION DATA				FUSE PLATE & HANGER DATA				
	BOLT SIZE	P	T	R	BOLT SIZE	E	F	G	D
W 150x14 (W 6x9)	13	266.7	19.05	7.14	13	101.6	6.35	57.15	22.23
W 200x15 (W 8x10)	16	317.5	19.05	8.73	16	101.6	6.35	57.15	17.46
W 150x22 (W 6x15)	16	266.7	25.4	8.73	16	152.4	9.53	88.9	31.75
W 200x27 (W 8x18)	19	317.5	26.56	10.32	19	133.35	9.53	69.9	20.64

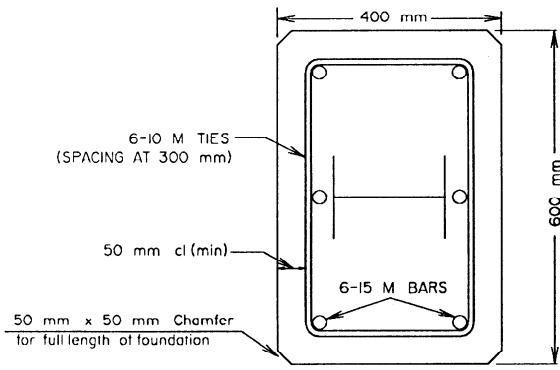
GENERAL NOTES

1. ALL UNSPECIFIED DIMENSIONS ARE IN mm.
2. PERMANENT HIGHWAY SIGNS WITH SIGN FACE GREATER THAN 3m² SHALL BE INSTALLED WITH BREAKAWAY GROUND MOUNT SIGN SUPPORT ASSEMBLY.
3. S = 20% OF W FOR SIGNS LESS THAN 5.5m.
4. S = 15% OF W FOR SIGNS GREATER THAN 5.5m.
5. SIGNS GREATER THAN 5.5m WIDTH REQUIRE 3 POST MOUNTING.

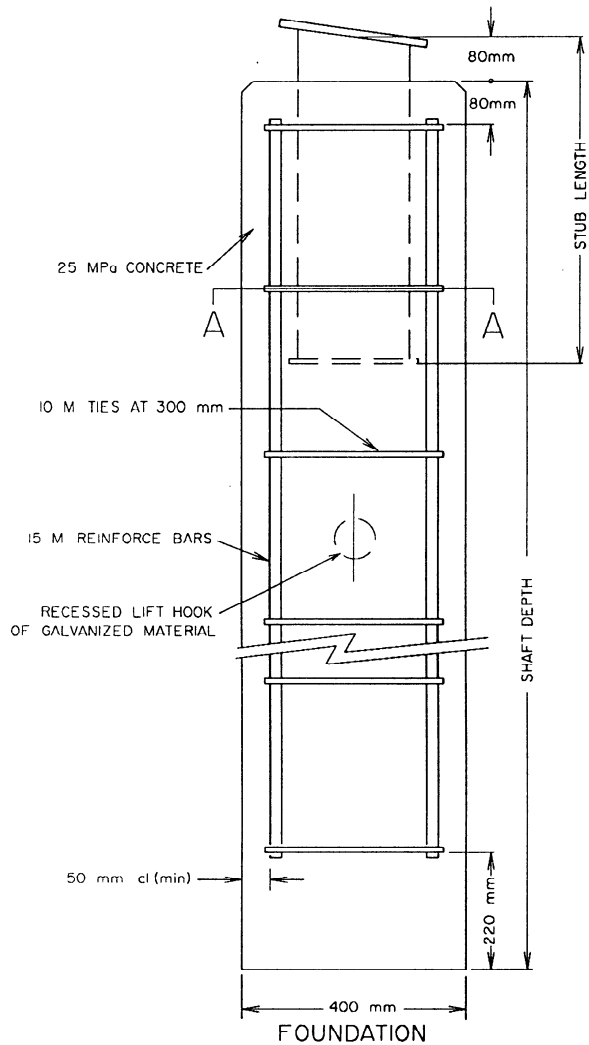
ALL BOLTS SHALL BE TIGHTENED AS FOLLOWS		
BOLT SIZE	TORQUE	RESIDUAL TENSION
13mm (1/2")	136.9N.m	5 465.8kg
16 mm (5/8")	271.2N.m	8 709.0kg
19mm (3/4")	482.7N.m	12 882.0kg

Δ DIMENSIONS AND TABLE REVISED	R.C.	02/04
Δ BOLT SIZE & "R" FOR W200x15 REV	R.C.	04/03
Δ POST TYPE/SIZE REVISED	R.C.	01/00
No.	REVISIONS	BY DATE

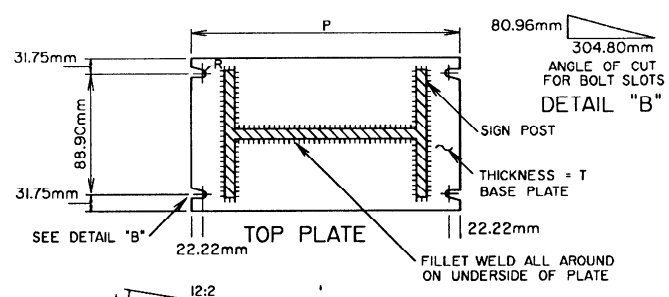
Alberta TRANSPORTATION	DWG. NO. TEB 1.82
	Date: MARCH 25, 1992
BREAKAWAY GROUND MOUNTED SIGNS ON I-BEAM POSTS	
Prepared T.S.	Checked R.C.
N.T.S.	PAGE 81



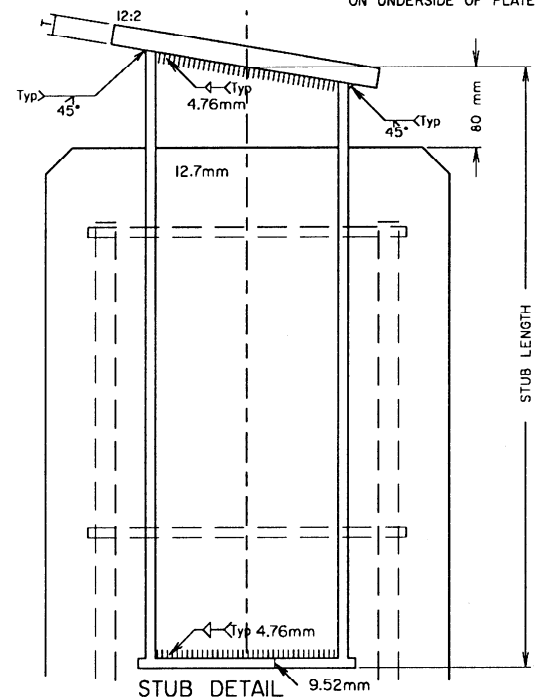
DETAIL A - A



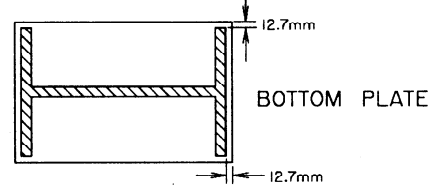
FOUNDATION



DETAIL "B"



STUB DETAIL



BOTTOM PLATE

FOUNDATION DATA				
POST SIZE Δ		STUB LENGTH	SHAFT DEPTH	REINF. BARS
METRIC	IMPERIAL			
W150x14	W 6x9	600 mm	1800 mm	15 M
W200x15	W 8x10	600 mm	1800 mm	15 M
W150x22	W 6x15	800 mm	1800 mm	15 M
W200x27	W 8x18	800 mm	1800 mm	15 M

BASE CONNECTION DATA					
POST SIZE Δ		BOLT SIZE	P	T	R
METRIC	IMPERIAL				
W150x14	W 6x9	I3	266.7	19.05	7.14
W200x15	W 8x10	I6	317.5	19.05	8.73
W150x22	W 6x15	I6	266.7	25.4	8.73
W200x27	W 8x18	I9	317.5	28.58	10.32

GENERAL NOTES

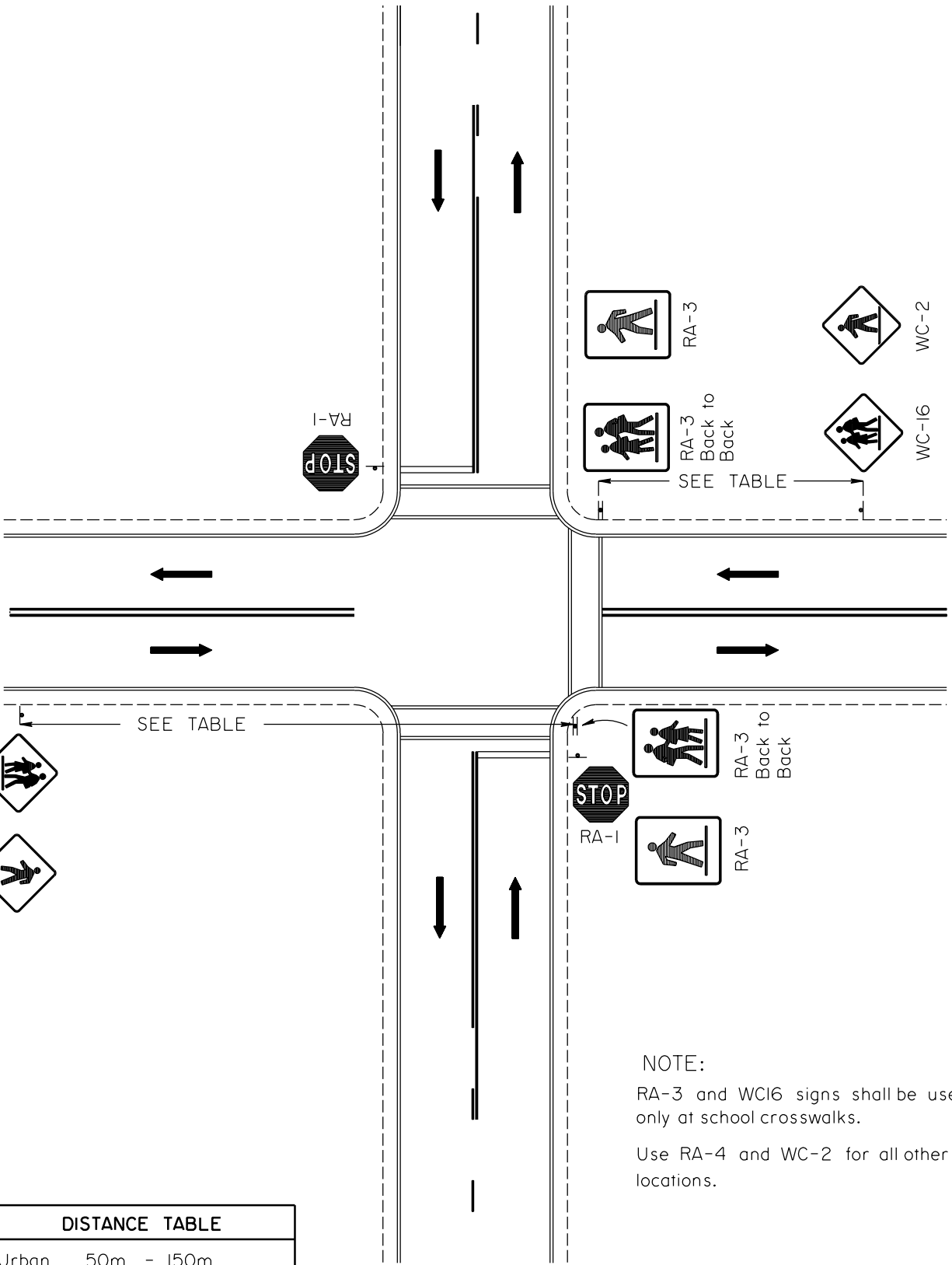
DESIGN

AASHTO Specification for Design and Construction of Structural Supports for Highway Signs and National Building Code.

MATERIAL

- Structural Steel and Plates shall conform to ASTM Specification A36.
- All steel shall be Blast Cleaned after fabrication in accordance with Specification SSPC-SP-6-63 of the Steel Structural Painting Council.
- All welds shall conform to CSA Specification W-59.
- Fabricators shall be approved by the Canadian Welding Bureau.
- Fabricator shall submit a weld procedure, listing all parameters, for approval.
- Provide weld all around, on both sides, to avoid a zipper failure and provide a safety factor.
- Welding to be inspected during fabrication, at random, by a qualified inspector.
- Stubs shall be galvanized and conform to CSA G164
- All footings to have a recessed lift hook.

Δ BOLT SIZE & "R" FOR W200x15 REVISED	S.L.	04/03
Δ IMPERIAL POST TYPE/SIZE REVISED	S.L.	01/00
No.	REVISIONS	BY DATE
Alberta INFRASTRUCTURE		DWG. NO. TEB 1.83
		Date: MARCH 25, 1992
BREAKAWAY GROUND MOUNTED BASES STEEL I-BEAM POSTS		
Prepared T.S.	Checked R.C.	N.T.S.
		PAGE 82

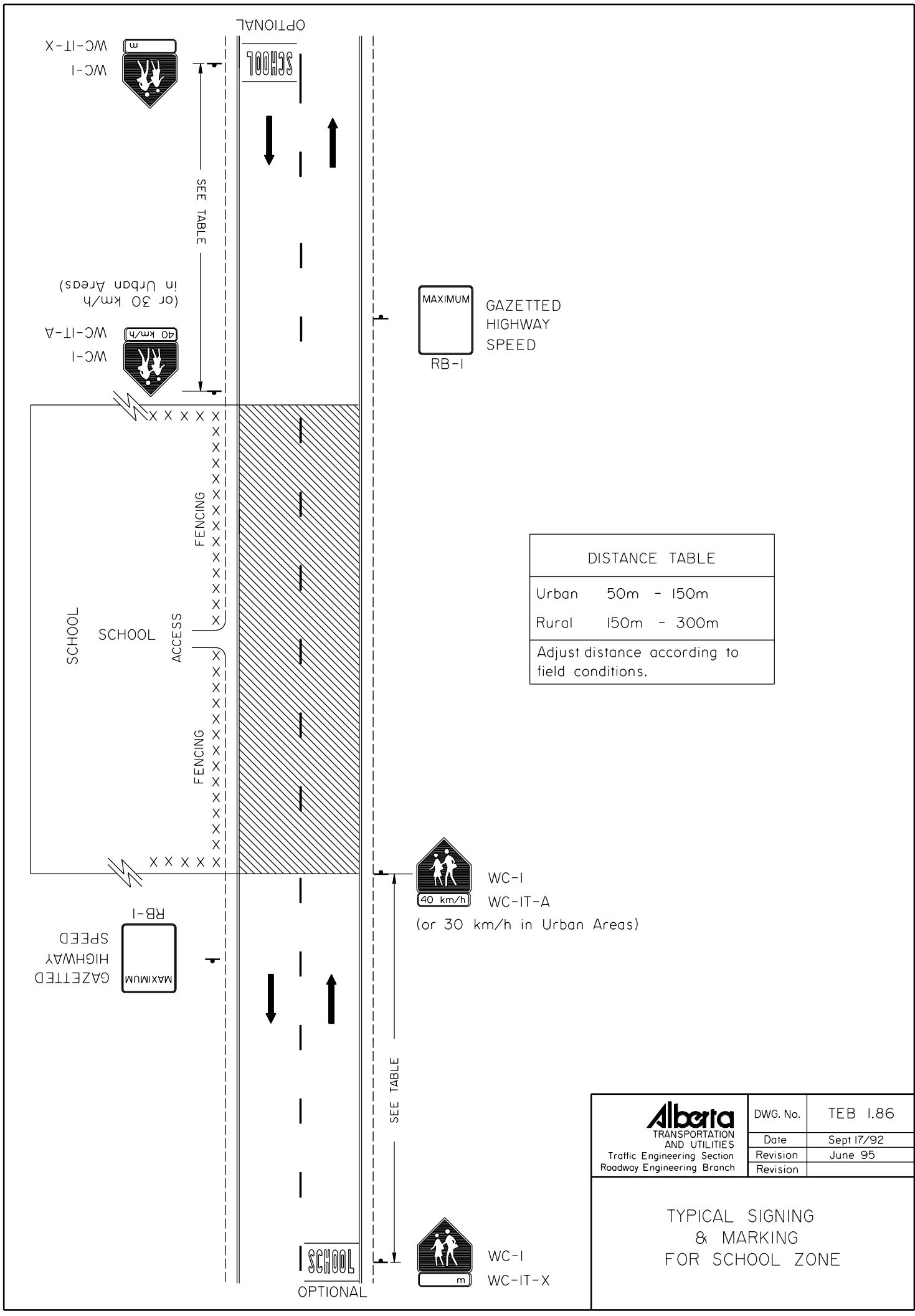


DISTANCE TABLE	
Urban	50m - 150m
Rural	150m - 300m
Adjust distance according to field conditions.	

NOTE:
 RA-3 and WC16 signs shall be used only at school crosswalks.
 Use RA-4 and WC-2 for all other locations.

Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.85
	Date	Dec 10/92
	Revision	July 19/95
	Revision	

TYPICAL SIGNING
 & MARKING
 FOR CROSSWALK LOCATIONS



OPTIONAL

SCHOOL

SEE TABLE

MAXIMUM
RB-I

GAZETTED
HIGHWAY
SPEED

DISTANCE TABLE	
Urban	50m - 150m
Rural	150m - 300m
Adjust distance according to field conditions.	

WC-IT-X
WC-I



(or 30 km/h in Urban Areas)

WC-IT-A
WC-I



SCHOOL

SCHOOL ACCESS

FENCING

FENCING

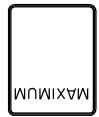


WC-I

WC-IT-A

(or 30 km/h in Urban Areas)

GAZETTED
HIGHWAY
SPEED



SEE TABLE

SCHOOL

OPTIONAL

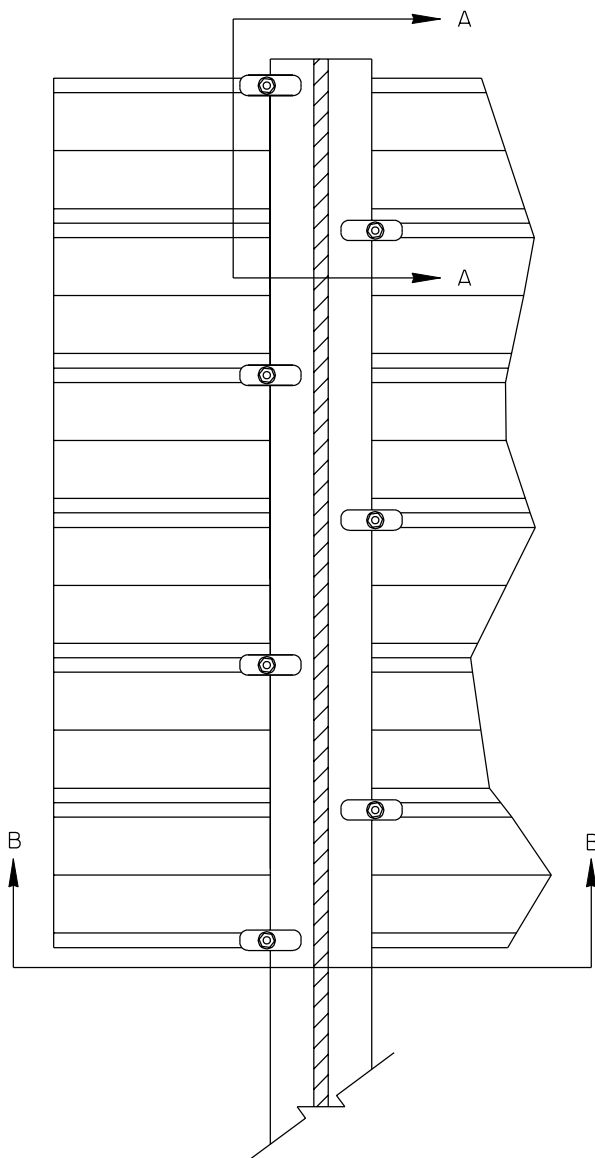


WC-I

WC-IT-X

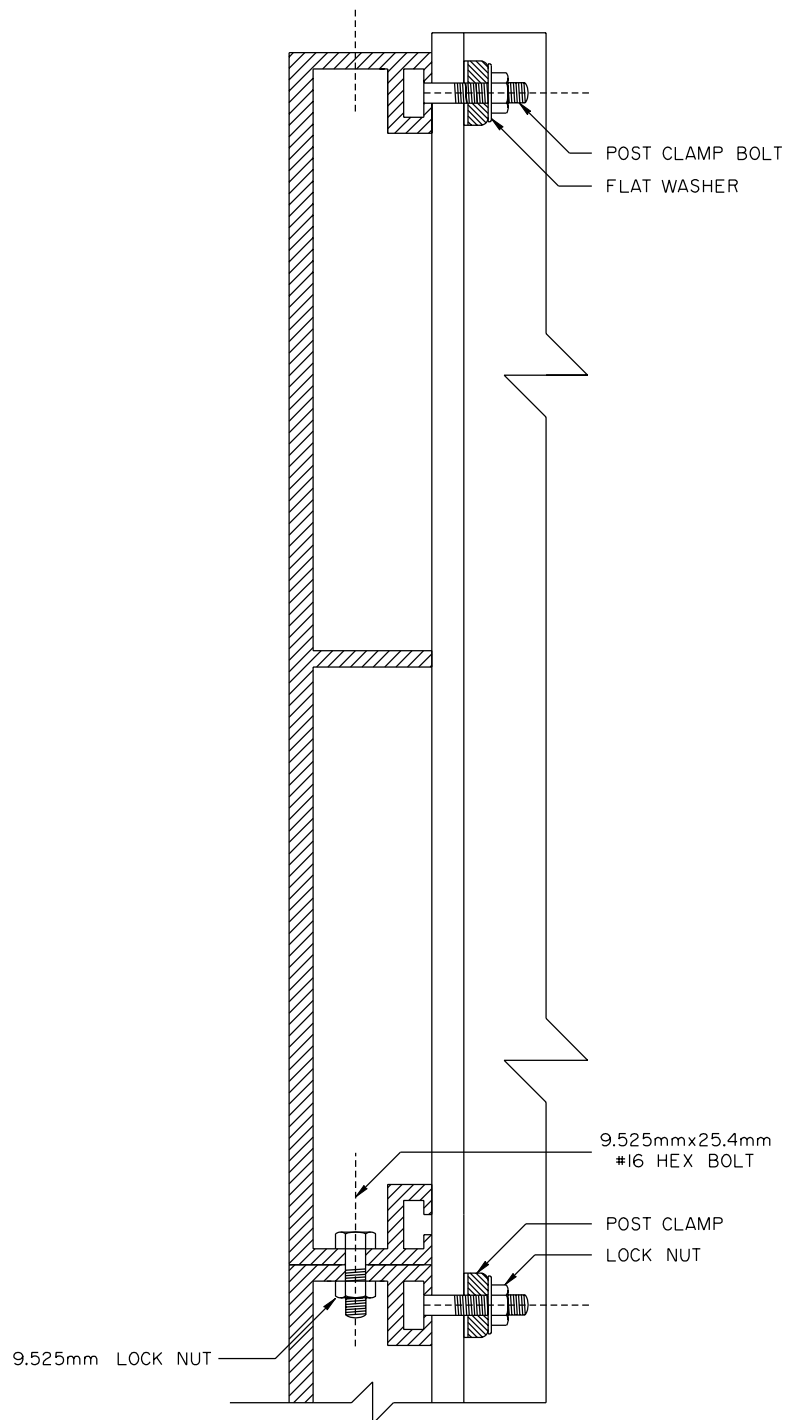
Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB 1.86
	Date	Sept 17/92
	Revision	June 95

TYPICAL SIGNING
& MARKING
FOR SCHOOL ZONE



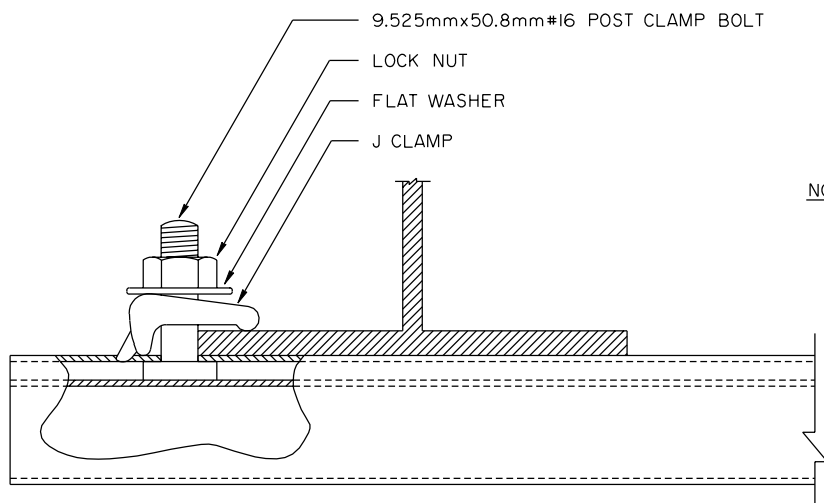
BACK ELEVATION OF SIGN PANEL

NOTE: POST CLAMPS SHALL BE PLACED ON ALTERNATING SIDES OF POST FOR EACH PANEL WIDTH.



SECTION A - A
INSTALLATION DETAIL

NOTE: ALL NUTS, BOLTS AND CLAMPS SHALL BE ECONOMY BOLT ALLOY 2024-T4 ALUMILITE 204.



SECTION B - B
INSTALLATION DETAIL

Alberta

TRANSPORTATION
AND UTILITIES
Traffic Engineering Section
Roadway Engineering Branch

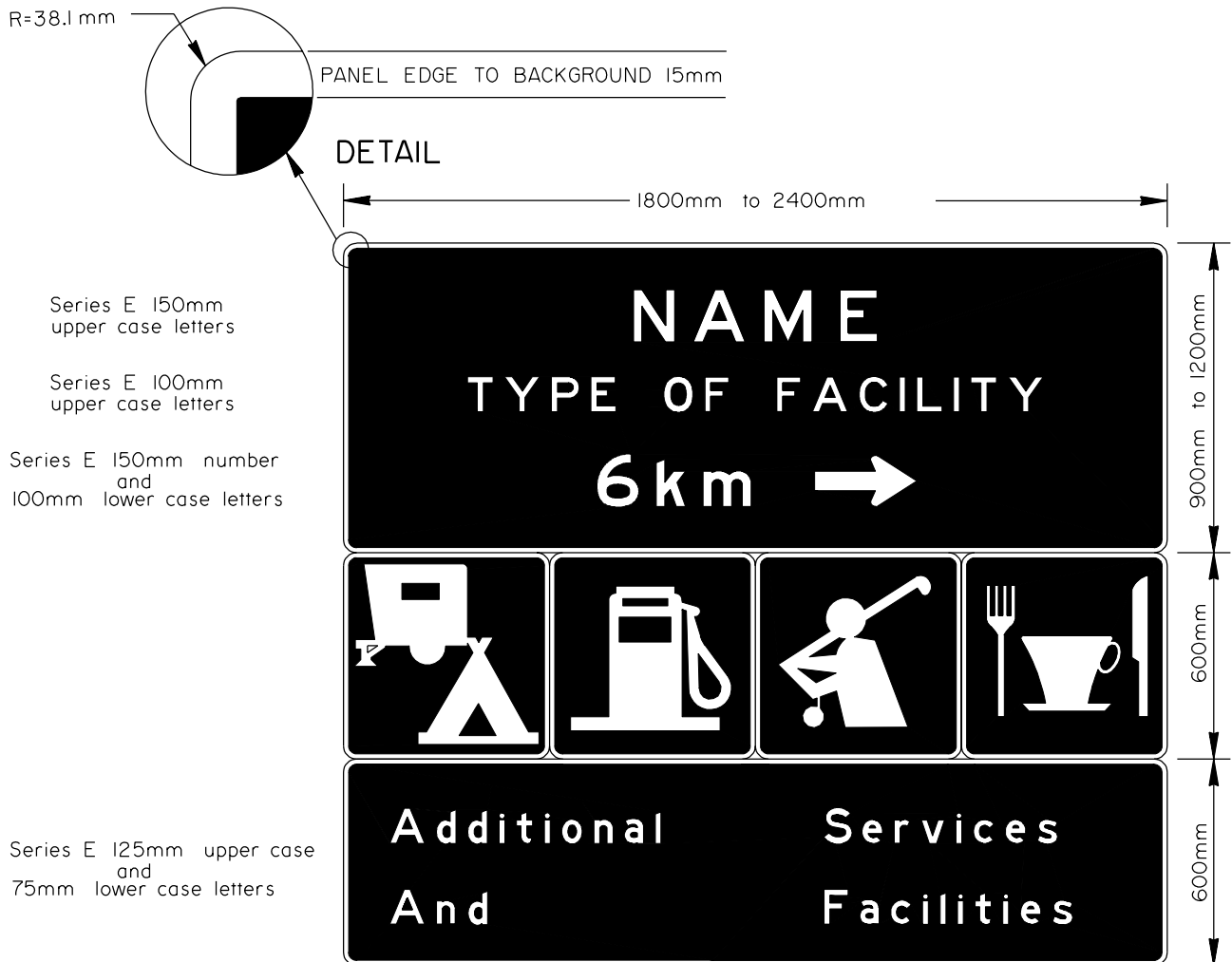
DWG. No. TEB 1.95

Date MAR.29/94

Revision

Revision

SIGN ASSEMBLY
FOR
EXTRUDED ALUMINUM PANELS



NOTE: This sign may be used for the following type of facility; campgrounds, golf courses, ski resorts and recreation areas.

BACKING MATERIAL:

Sign grade backing material (ie 19mm high density plywood, aluminum panels or extruded aluminum.)

COLOURS:

All messages shall be white, background shall be brown and all symbols shall be white on brown.

SIGN FACE:

Must be reflective to show same color by night as by day.
Level I reflective material preferred.

LETTERING:

Series type highway font, in series E sizes as shown.
C or D series may be used where names are too long to fit on the panel.

Note: The Standard Alphabet for Highway Signs is available from the Federal Highway Administration (CHTO-20) Washington D.C. 20590.

SYMBOLS:

Shall be as shown in the Uniform Traffic Control Standards Manual or as determined by Alberta Transportation and Utilities. A maximum of four symbols shall be allowed.

WORD PHRASES:

A maximum of four messages may be displayed on the lower panel.

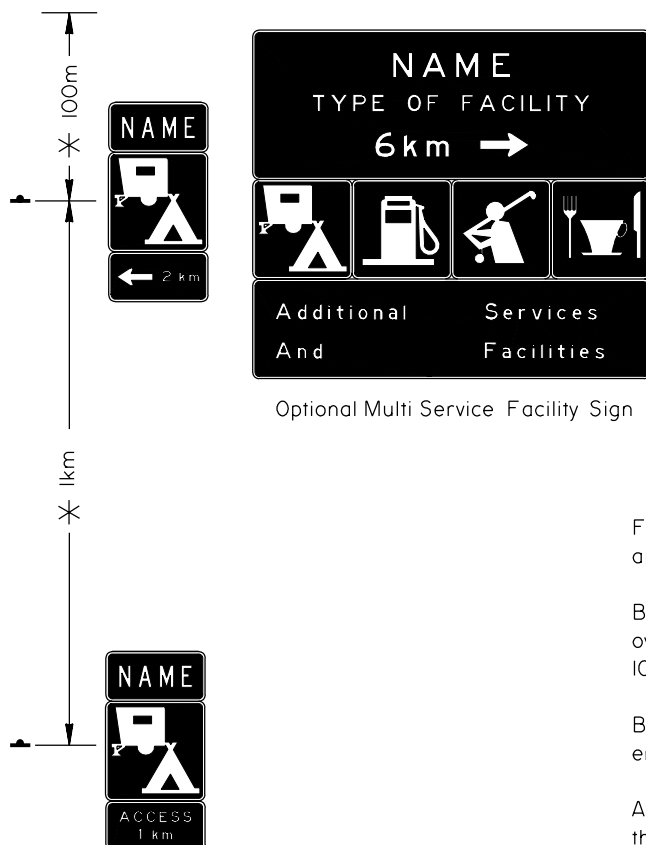
SIZES:

Horizontal dimensions are determined by the number of symbols. 1800mm for 3 symbols, 2400mm for 4 symbols.
Vertical dimensions of top panel are determined by the number of lines of text. 900mm for 3 lines, 1200mm for 4 lines.

Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB-1.97
	Date	FEB.28/95
	Revision	
	Revision	
TYPICAL MULTI SERVICE FACILITY SIGN CONSTRUCTION DETAILS		

ACCESS
ROAD

HIGHWAY



Optional Multi Service Facility Sign

GENERAL NOTES

Final installation location & details must be approved by A.T. & U.

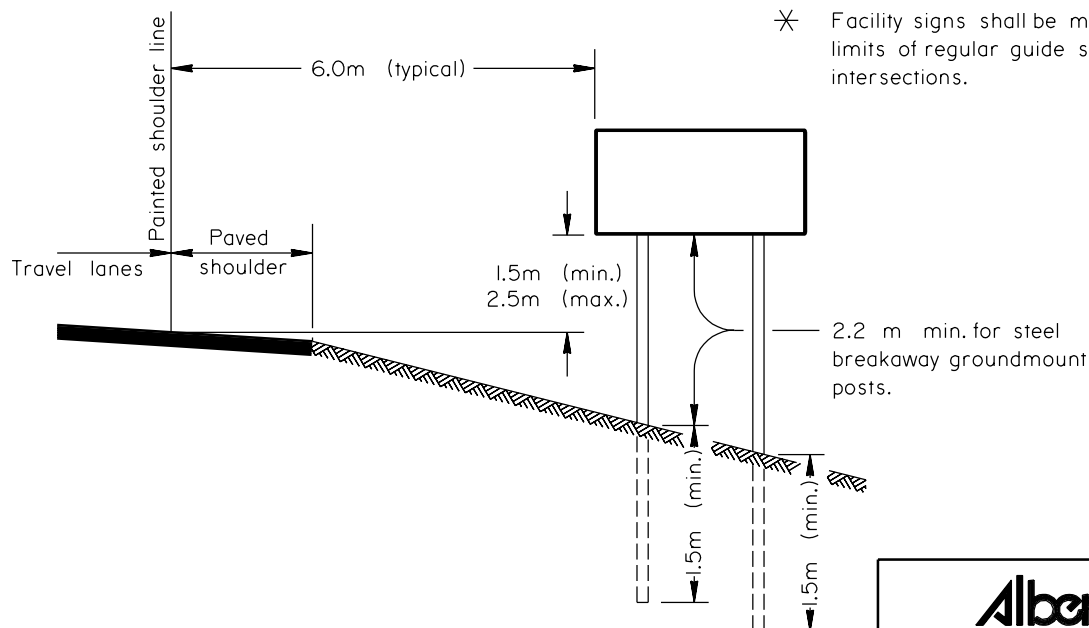
Breakaway features are required on all signs over 3m². Smaller signs shall be mounted on 100 x 100mm wood posts or equivalent.

Breakaway features must be designed by an engineer and approved by A.T. & U.

All signs are to be installed 90 degrees to the road.

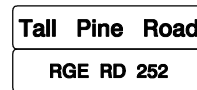
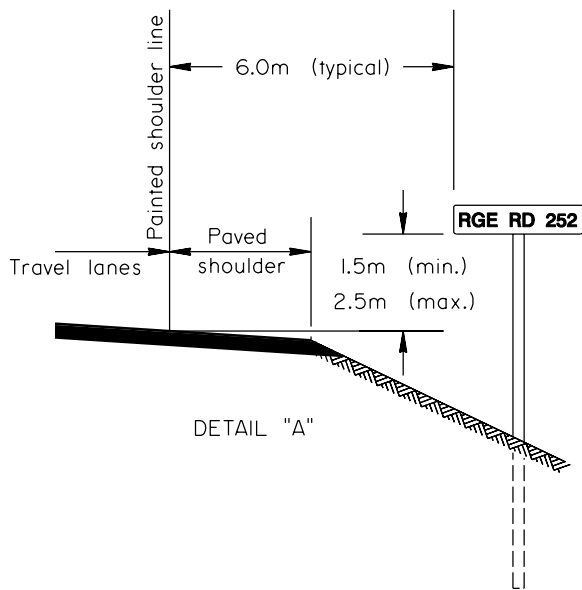
Adjustments to the dimensions may be required for specific situations as approved by A.T. & U.

✱ Facility signs shall be mounted outside the limits of regular guide signing at major intersections.

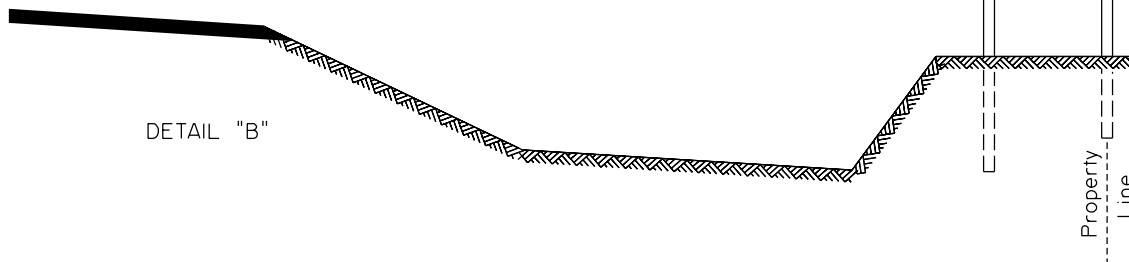


Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB-1.98
	Date	MAR.3/95
	Revision	
	Revision	

TYPICAL
FACILITY SIGN
LOCATION & INSTALLATION



DETAIL "C"



DETAIL "B"

Property
Line

BACKING MATERIAL:

Sign grade backing material (ie 19mm high density plywood, aluminum panels or extruded aluminum.)

SIGN FACE:

Must be reflective to show the same color by night as by day. Level I reflective material must be used when signs are installed on the shoulder and is preferred for all locations.

LETTERING:

Minimum 150mm series "C" highway font for use on signs installed on the shoulder.

COLOUR:

Green background with white messages shall be used when signs are mounted as shown in DETAIL "A".

Blue or green background may be used when the signs are mounted at the property line as shown in DETAIL "B".

Rural Addressing Signs may be mounted on the shoulder of the highway when they conform to these guidelines:

1. Where the road is already named the rural address sign may be mounted on the same post directly below the existing sign as shown in DETAIL "C" or it may replace the road name sign.
2. Where there is no existing signing the signs may be mounted as shown in DETAIL "A" or in DETAIL "B".
3. If blue signs already exist at the property line green signs may be mounted on the shoulder of the highway but the existing blue signs must be removed.
4. Where there is existing signing for a numbered highway a rural address sign may be mounted 50m in advance of the route marker cluster.

Alberta TRANSPORTATION AND UTILITIES Traffic Engineering Section Roadway Engineering Branch	DWG. No.	TEB-1.99
	Date	MAR.30/95
	Revision	
	Revision	
RURAL ADDRESS SIGNS TOWNSHIP & RANGE ROADS		