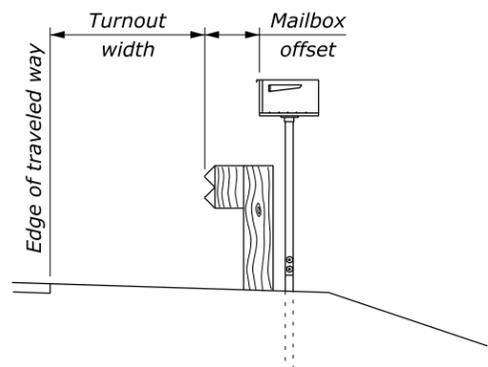
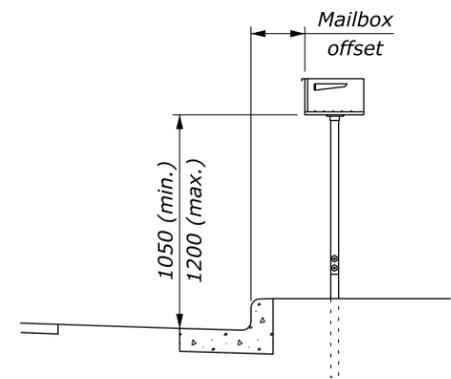


MAILBOX TURNOUT



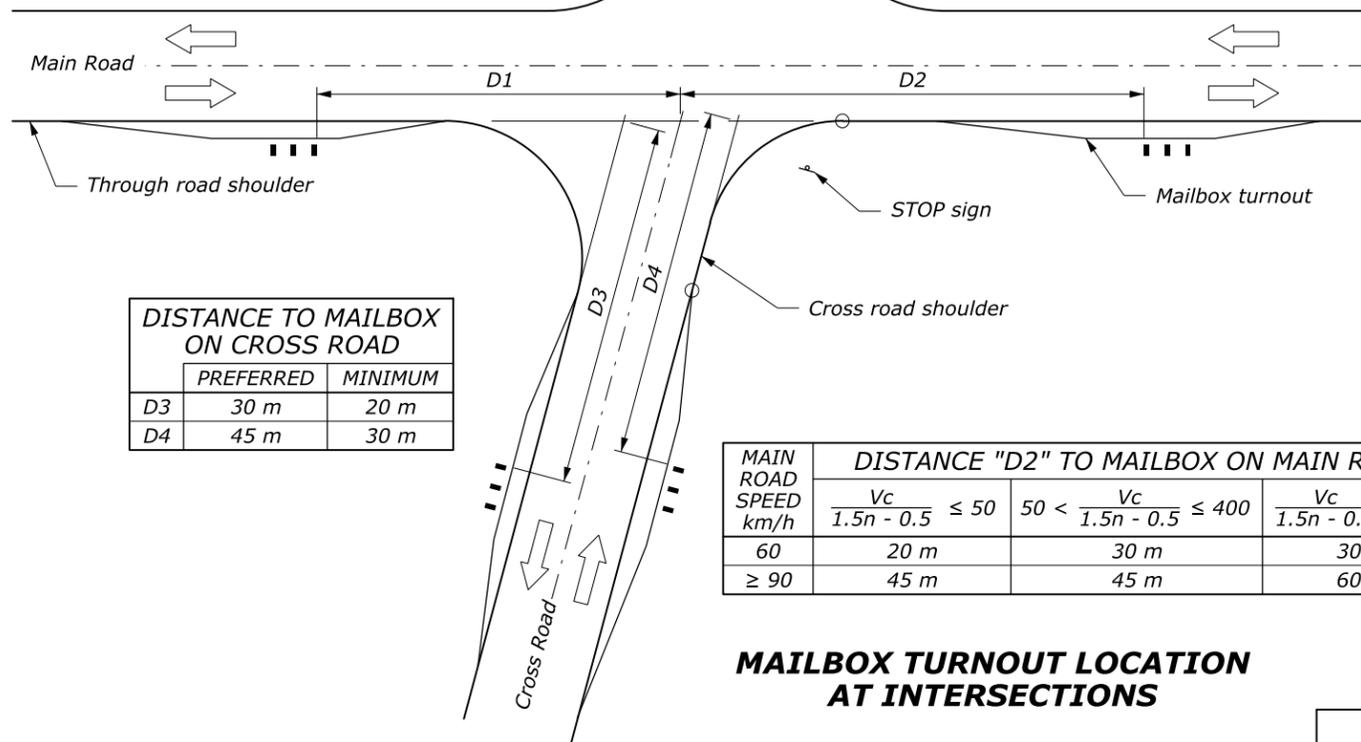
GUARDRAIL AREAS



RESIDENTIAL AREA WITH CURB

TYPICAL MAILBOX LOCATIONS

MAIN ROAD SPEED km/h	DISTANCE "D1" TO MAILBOX ON MAIN ROAD	
	$n \times V_c \times V_m \leq 4000$	$n \times V_c \times V_m > 4000$
60	20 m	60 m
≥ 90	20 m	90 m

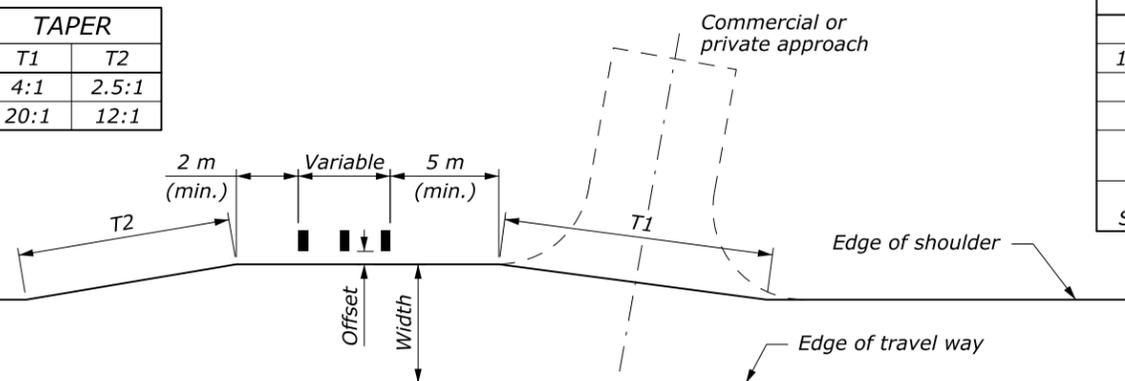


	DISTANCE TO MAILBOX ON CROSS ROAD	
	PREFERRED	MINIMUM
D3	30 m	20 m
D4	45 m	30 m

MAIN ROAD SPEED km/h	DISTANCE "D2" TO MAILBOX ON MAIN ROAD		
	$\frac{V_c}{1.5n - 0.5} \leq 50$	$50 < \frac{V_c}{1.5n - 0.5} \leq 400$	$\frac{V_c}{1.5n - 0.5} > 400$
60	20 m	30 m	30 m
≥ 90	45 m	45 m	60 m

MAILBOX TURNOUT LOCATION AT INTERSECTIONS

SPEED km/h	TAPER	
	T1	T2
< 70	4:1	2.5:1
≥ 70	20:1	12:1



← DIRECTION OF TRAVEL

MAILBOX TURNOUT

NOTE:

1. Move mailbox turnout so that it does not overlap the intersection curve radii.
2. Do not skew mailbox turnouts, however, the adjacent approach may be skewed as shown. Blend the approach radius from the roadway shoulder to the turnout shoulder as shown in the Mailbox Turnout Detail. Place mail boxes on the far side of approach road entrances unless the minimum distances cannot be obtained.
3. The set back and required support also apply to mailbox receptacles. When the newspaper receptacles and mailboxes are mounted in combinations, mount the newspaper receptacle below the bottom surface of the mailbox.
4. Use the same pavement structure for mailbox turnouts as the adjacent roadway section.
5. Mailbox supports shall conform to the requirements of the AASHTO Manual for Assessing Safety Hardware (MASH) or NCHRP Report 350.
6. Posts may be 100 mm x 100 mm or 100 mm diameter wood posts or 38 mm to 50 mm diameter standard steel or aluminum pipe posts embedded not more than 600 mm in the ground.
7. Dimensions without units are millimeters.

MAIN ROAD ADT	TURNOUT WIDTH		MAILBOX OFFSET	
	PREFERRED	MINIMUM	PREFERRED	MINIMUM
> 10,000	> 3.6 m	2.4 m	150 to 200	0
1500 - 10,000	3.6 m	2.4 m	150 to 200	0
400 - 1500	3.0 m	2.4 m	150 to 200	0
< 400	2.4 m	1.8 m	150 to 200	150
Residential Street	1.8 m	0	150 to 200	150
Residential Street w/curb	Not applicable		200 to 305	150

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION WESTERN FEDERAL LANDS HIGHWAY DIVISION	
METRIC DETAIL	
MAILBOX TURNOUT AND INSTALLATION	
DETAIL APPROVED FOR USE --/----	DETAIL
REVISED: DRAFT: 11/2014	WM646-1