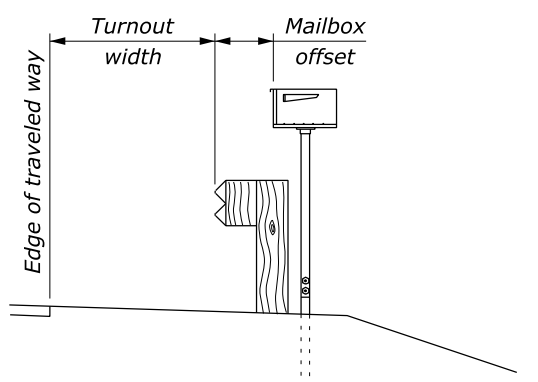
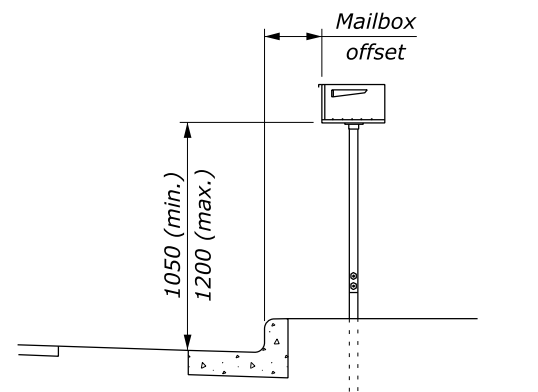


MAILBOX TURNOUT



GUARDRAIL AREAS



RESIDENTIAL AREA WITH CURB

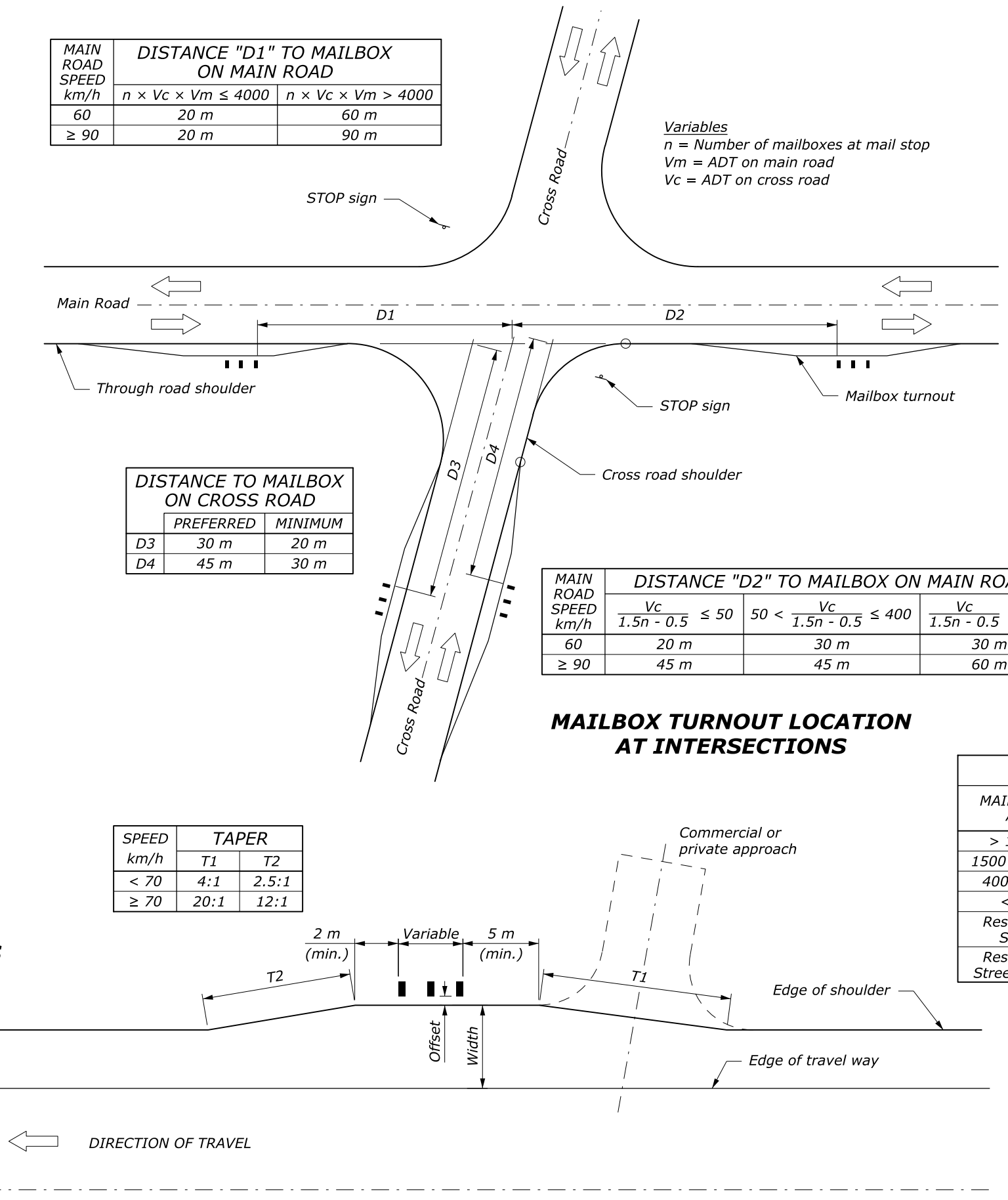
TYPICAL MAILBOX LOCATIONS

MAIN ROAD SPEED km/h	DISTANCE "D1" TO MAILBOX ON MAIN ROAD	
	$n \times Vc \times Vm \leq 4000$	$n \times Vc \times Vm > 4000$
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		
	$\frac{Vc}{1.5n - 0.5} \leq 50$	$50 < \frac{Vc}{1.5n - 0.5} \leq 400$	$\frac{Vc}{1.5n - 0.5} > 400$
60	20 m	30 m	30 m
≥ 90	45 m	45 m	60 m

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



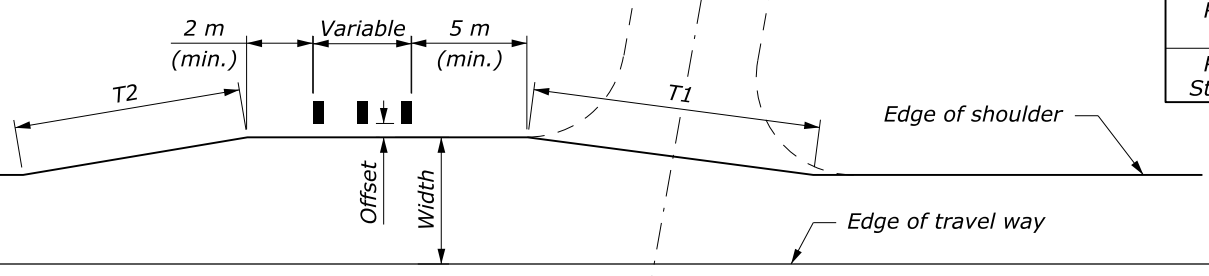
Variables
 n = Number of mailboxes at mail stop
 Vm = ADT on main road
 Vc = ADT on cross road

MAILBOX TURNOUT LOCATION AT INTERSECTIONS

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



MAILBOX TURNOUT

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 --/----

REVISOR: DRAFT: 11/2014

DETAIL MW646-1