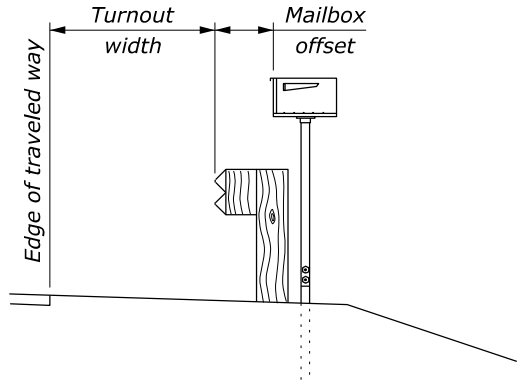
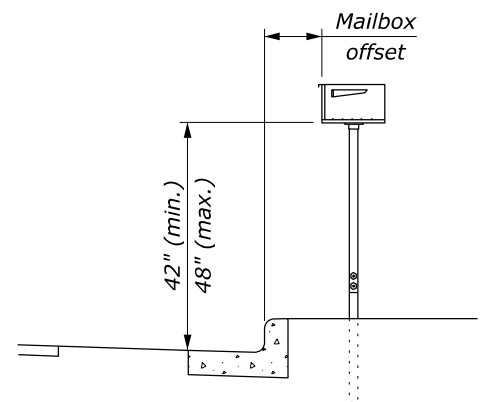


**MAILBOX TURNOUT**



**GUARDRAIL AREAS**



**RESIDENTIAL AREA WITH CURB**

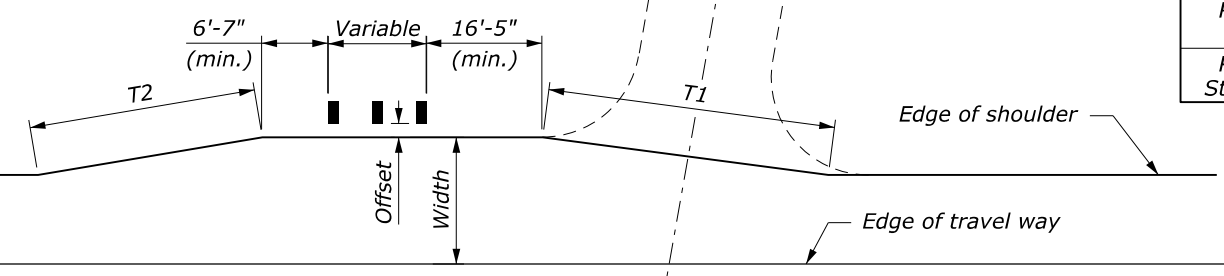
**TYPICAL MAILBOX LOCATIONS**

MAIN ROAD SPEED mph	DISTANCE "D1" TO MAILBOX ON MAIN ROAD	
	$n \times Vc \times Vm \leq 4000$	$n \times Vc \times Vm > 4000$
35	65 ft	200 ft
$\geq 55$	65 ft	295 ft

	DISTANCE TO MAILBOX ON CROSS ROAD	
	PREFERRED	MINIMUM
D3	100 ft	65 ft
D4	150 ft	100 ft

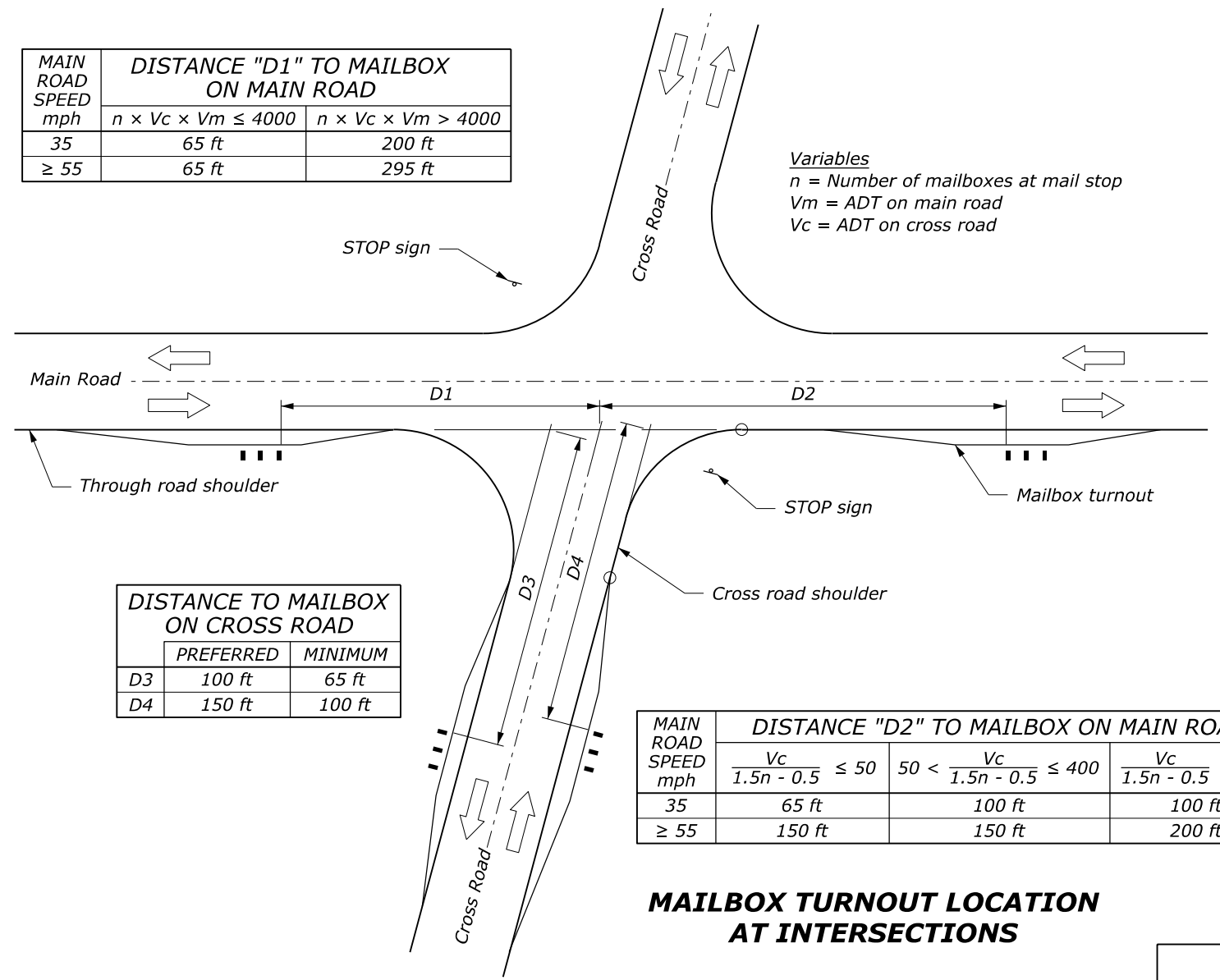
MAIN ROAD SPEED mph	DISTANCE "D2" TO MAILBOX ON MAIN ROAD		
	$\frac{Vc}{1.5n - 0.5} \leq 50$	$50 < \frac{Vc}{1.5n - 0.5} \leq 400$	$\frac{Vc}{1.5n - 0.5} > 400$
35	65 ft	100 ft	100 ft
$\geq 55$	150 ft	150 ft	200 ft

SPEED mph	TAPER	
	T1	T2
$\leq 40$	4:1	2.5:1
$> 40$	20:1	12:1



← DIRECTION OF TRAVEL

**MAILBOX TURNOUT**



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

**MAILBOX TURNOUT LOCATION AT INTERSECTIONS**

MAIN ROAD ADT	TURNOUT WIDTH		MAILBOX OFFSET	
	PREFERRED	MINIMUM	PREFERRED	MINIMUM
$> 10,000$	$> 12'$	8'	6" to 8"	0
1500 - 10,000	12'	8'	6" to 8"	0
400 - 1500	10'	8'	6" to 8"	0
$< 400$	8'	6'	6" to 8"	6"
Residential Street	6'	0	6" to 8"	6"
Residential Street w/curb	Not applicable		8" to 12"	6"

**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 4" x 4" or 4" diameter wood posts or 1.5" to 2" diameter standard steel or aluminum pipe posts embedded not more than 24" in the ground.

U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION  
 OFFICE OF FEDERAL LANDS HIGHWAY

WFLHD DETAIL

**MAILBOX TURNOUT AND INSTALLATION**

DETAIL APPROVED FOR USE 11/2014  
 REVISIONS:

DETAIL W646-1

NO SCALE