Approaches, Median Crossovers, and Mailbox Turnouts Guide

Revised to fit local conditions as approved by the engineer.

County Road Approaches:
1. W = 24' (7.3 m) minimum or wider, to existing county road width.
2. R = 30' (9 m).
3. Pave to Right-of-Way line.

Field Approaches, Farm Approaches, and Other Minimum Use Approaches:
1. W = 15' (4.5 m).
2. R = 30' (10 m).
3. On farm approaches, pave to Right-of-Way line, field and minimum use approaches pave around rock.

Industrial Approaches:
1. W = as specified.
2. R = as specified.
3. Pave to Right-of-Way line.
4. Width and radii to meet conditions and traffic type.

Embankment Slopes for Approaches:
Conduct embankment slopes 1V:6H or better within the clear zone of the right-of-way.

Median Crosses:
1. W = 15 feet (4.5 m).
2. R = 50 feet (15 m) typically.
3. Locations where median crossers are justified, documented, and approved by the department.
4. Reference AASHTO Greenbook criteria for crossover placement and design.
5. Width and geometry of crossovers may need to be adjusted to accommodate a snowplow without damage from median.
6. Place restricted use signage where public is prohibited from use.

Plows Under Approaches and Crosses:
Place pipe ends outside the clear zone, otherwise mix and attach safety logos in accordance with crash-worthy designs.

Plow Mix Wearing Course/Chip Seal:
Do not place Wearing Course or Chip Seal on approaches unless otherwise shown.

Location Criteria of Mailbox Turnout:
1. Safety.
2. Direction of mail route.
3. Landowner convenience.
4. Approaches/turning movements.
5. Where possible locate mailbox together using minimum spacing criteria as shown.

Notes for Mailboxes:
1. All hardware to be galvanized.
2. Use only crashworthy supports and mailbox combinations as shown herein or as otherwise approved by FHWA and the engineer.
3. Conform with U.S. Post Office regulations.
NOTES:
1. For bolt sizes see standard mailbox attachment details.
2. Single mailbox mounts can accept sizes 1, 1A and 2 mailboxes.
   Double mailbox mounts can only accept size 1 and 1A mailboxes.
1. Support frame to be 2" [51] O.D., 14 gauge (1.8 thick) steel formed tube. Patented supplier is Foresight Products, Inc.

2. Minimum number and type of mailboxes per multiple support:
   a. Size No. 1 box - 5 boxes per support.
   b. Size No. 2 box - 8 boxes per support.
   c. Combination - 4 boxes per support - only 2 No. 2 boxes allowed in this combination.

3. V-wing socket and angle leg may be modified when erected in concrete or plant mix paved areas.

4. See details for single, double and multiple installations for mailbox attachment bolts.