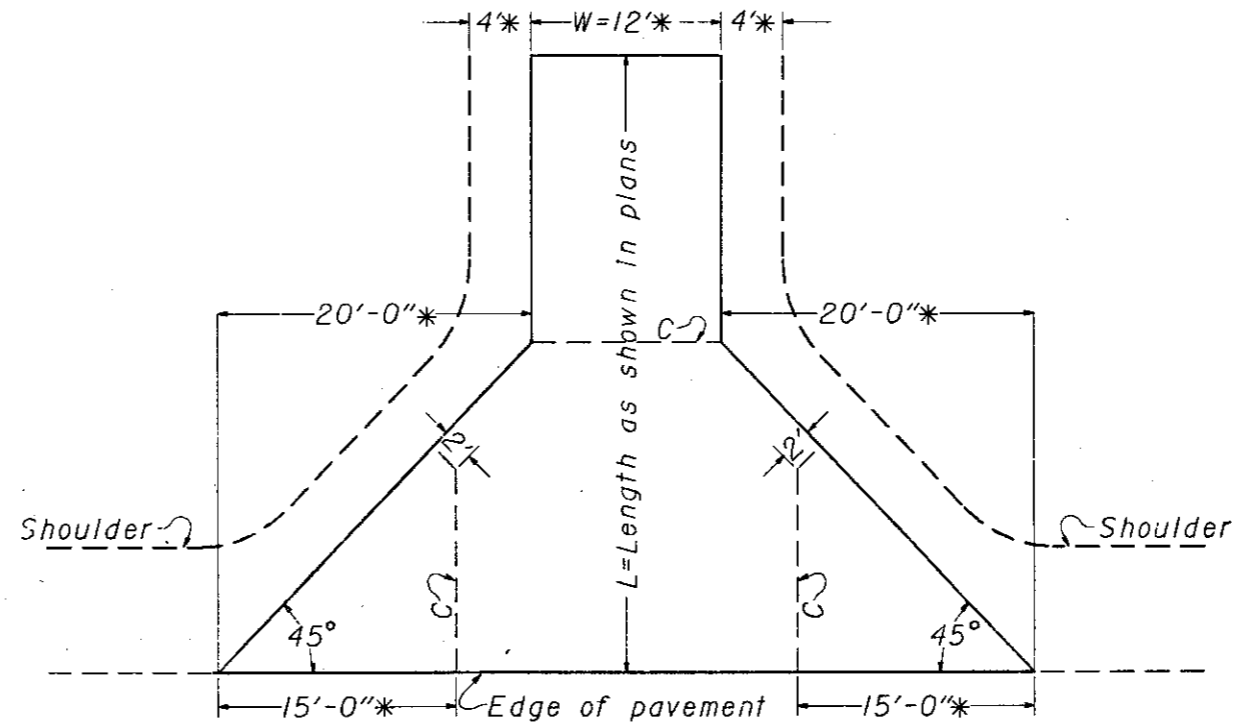


TYPE 1 DRIVEWAY



TYPE 2 DRIVEWAY

NOTES

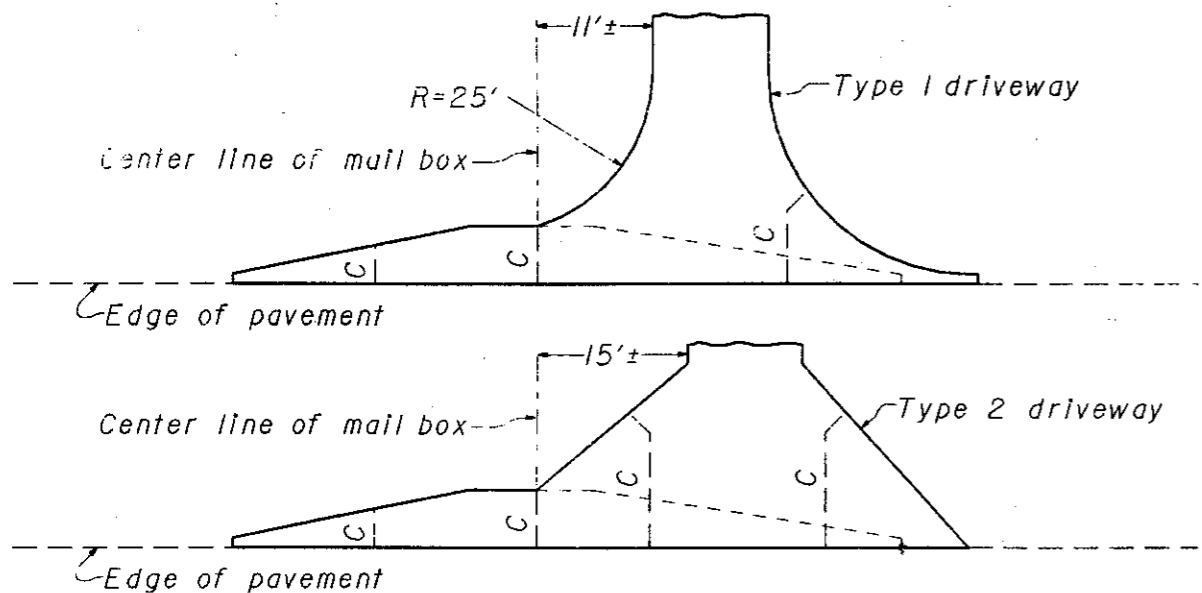
GENERAL: The design details shown hereon shall govern the construction of driveways unless otherwise shown in the project plans.

The pavement type and thickness shall be specified in the project plans.

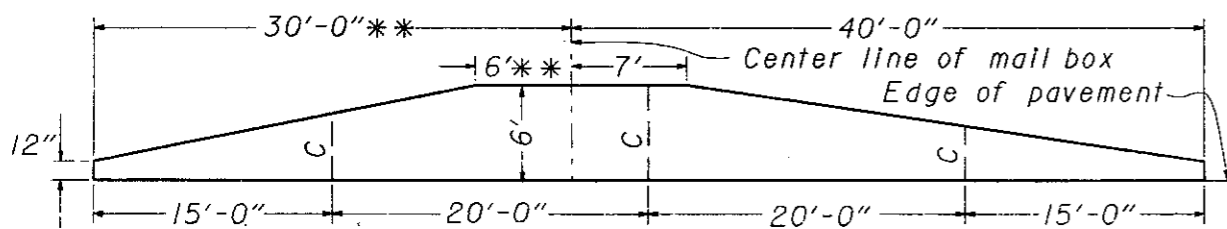
Driveway and mail box approaches shall be combined when feasible.

JOINTS: Impressed joints for portland cement concrete driveways shall be 1/4" minimum width by 3" ± depth and shall be sealed with 705.04 or ASTM D 1850.

In addition to the joints shown hereon, impressed joints without tie bars shall be placed in portland cement concrete driveways at intervals not to exceed seventeen feet in the portion of the driveway back of the flare.



COMBINED DRIVEWAY & MAIL BOX APPROACH



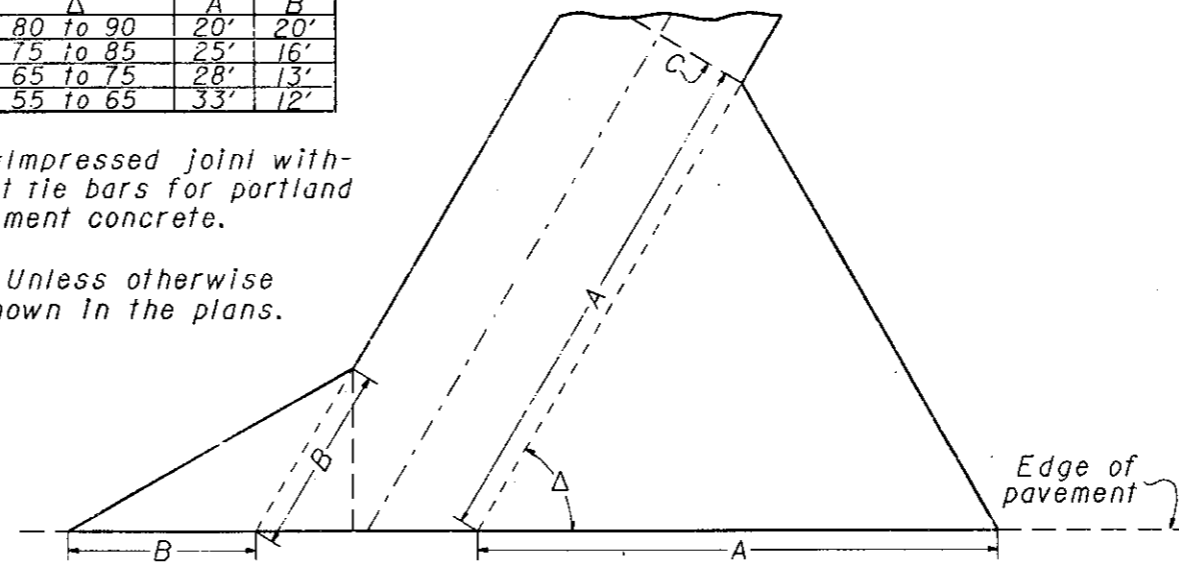
** Add 3 feet for each additional mail box

TYPICAL MAIL BOX APPROACH

Δ	A	B
80 to 90	20'	20'
75 to 85	25'	16'
65 to 75	28'	13'
55 to 65	33'	12'

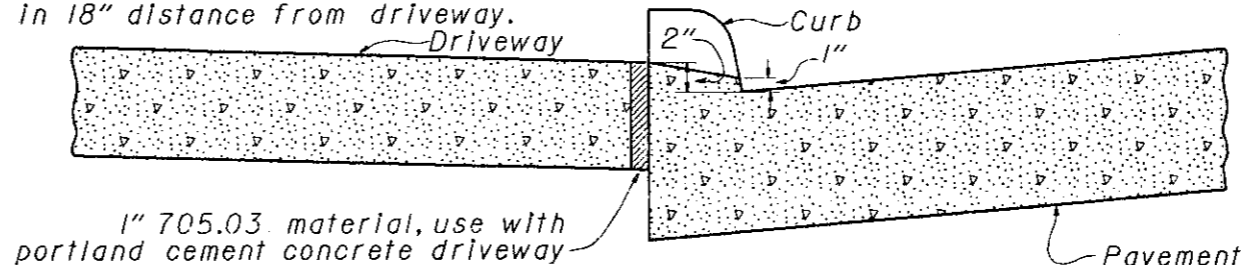
C=Impressed joint without tie bars for portland cement concrete.

* Unless otherwise shown in the plans.



TYPE 2 SKEWED DRIVEWAY

Transition from standard curb section to drop curb section to be made in 18" distance from driveway.



1" 705.03 material, use with portland cement concrete driveway

DROP CURB DETAILS AT DRIVEWAYS

BUREAU OF LOCATION AND DESIGN
OHIO DEPARTMENT OF TRANSPORTATION

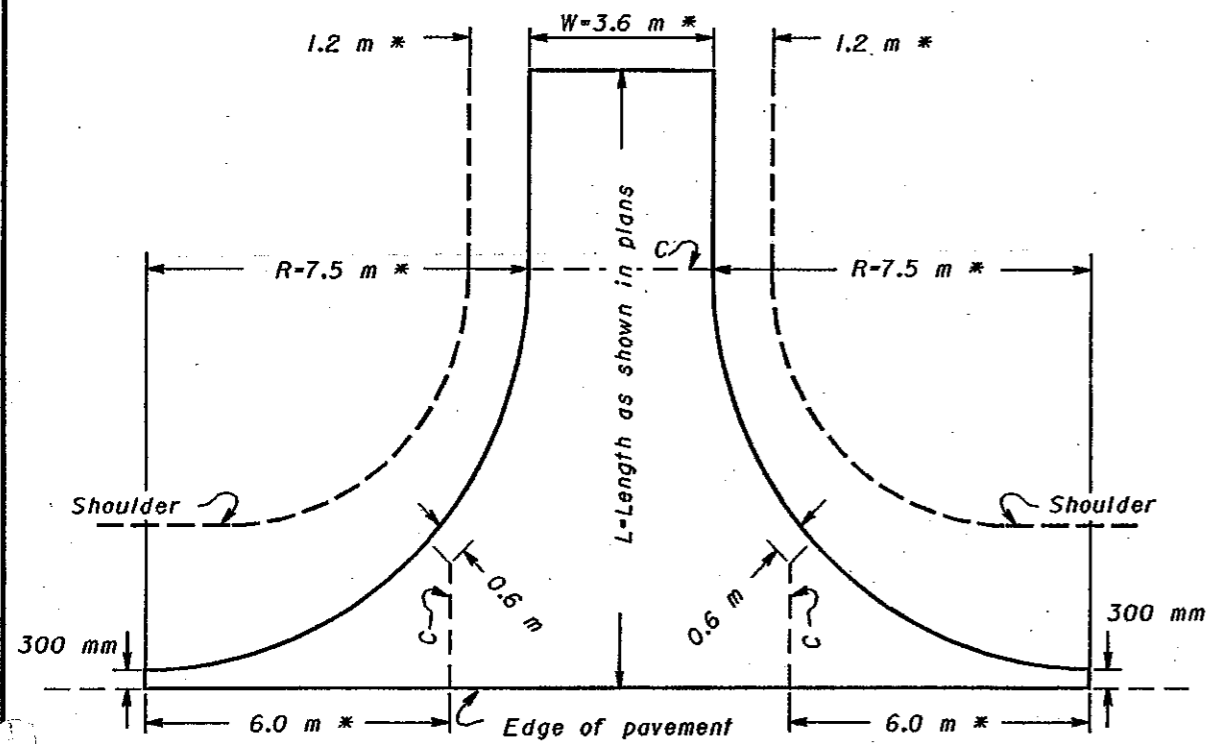
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2-21-92

DRIVEWAYS

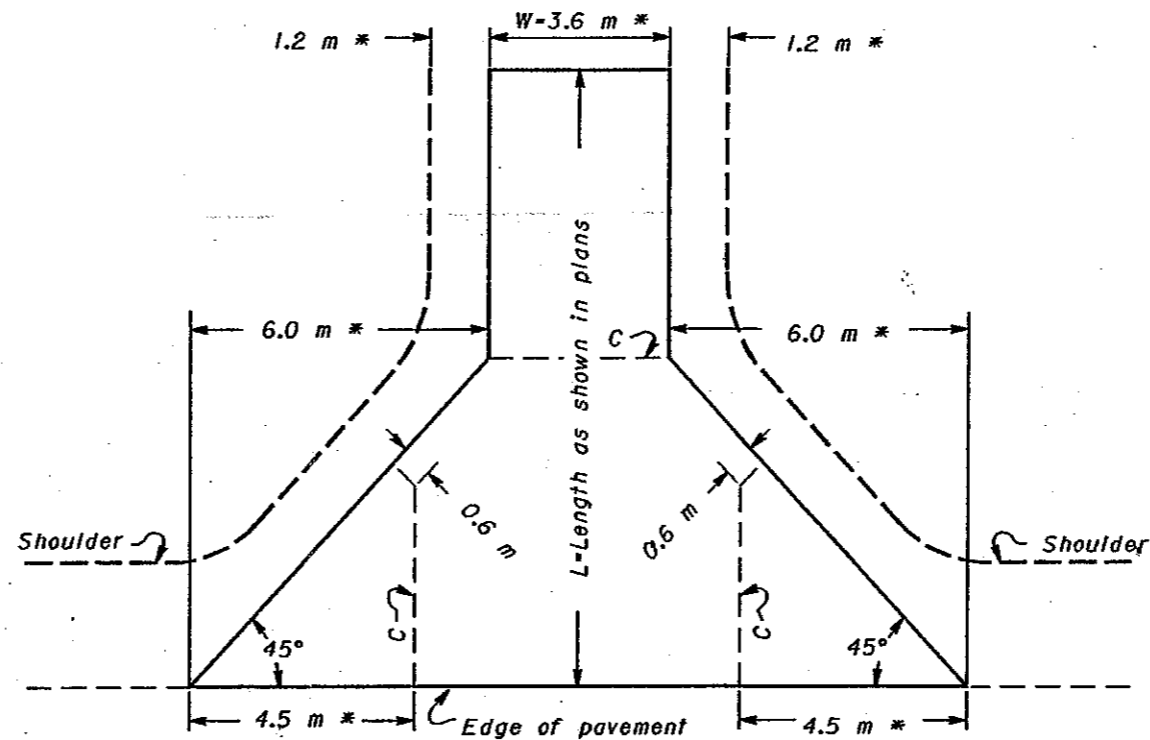
STANDARD
CONSTRUCTION
DRAWING

BP-4.1

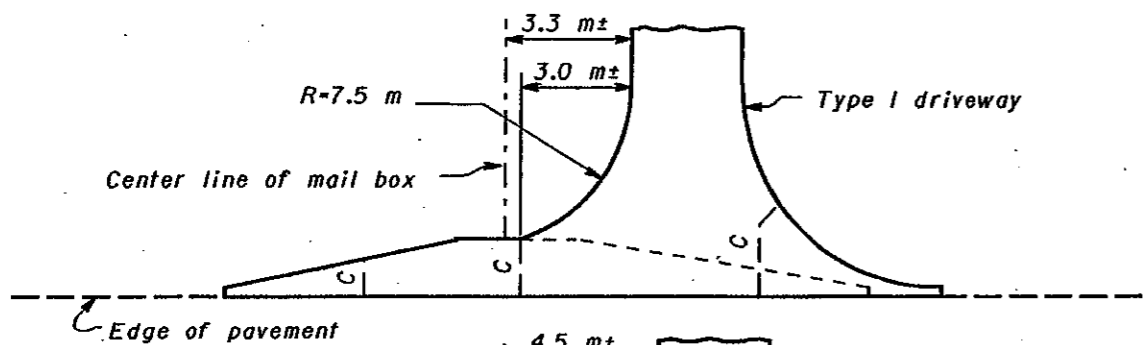
APPROVED *D.K. Hulman* ENGR., L & D



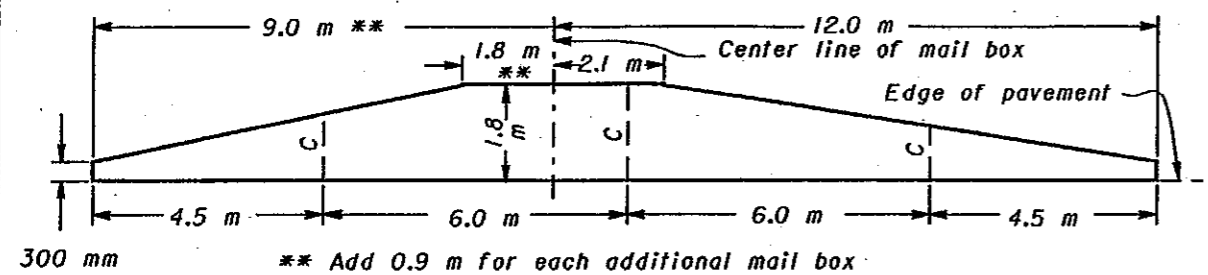
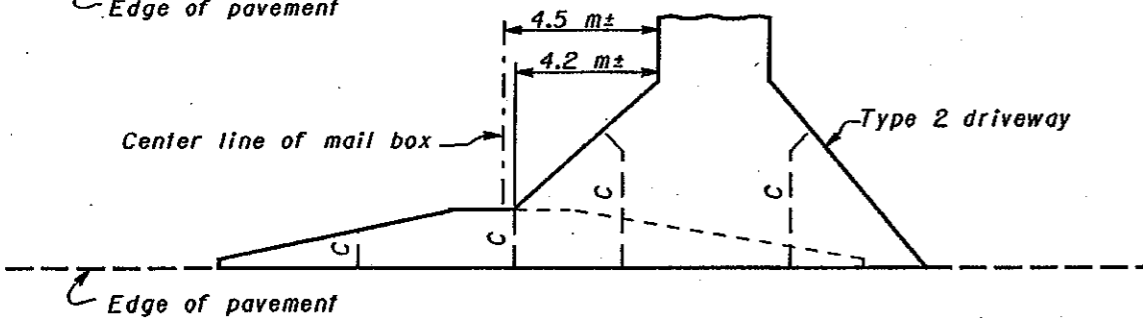
TYPE 1 DRIVEWAY



TYPE 2 DRIVEWAY



COMBINED DRIVEWAY & MAIL BOX APPROACH

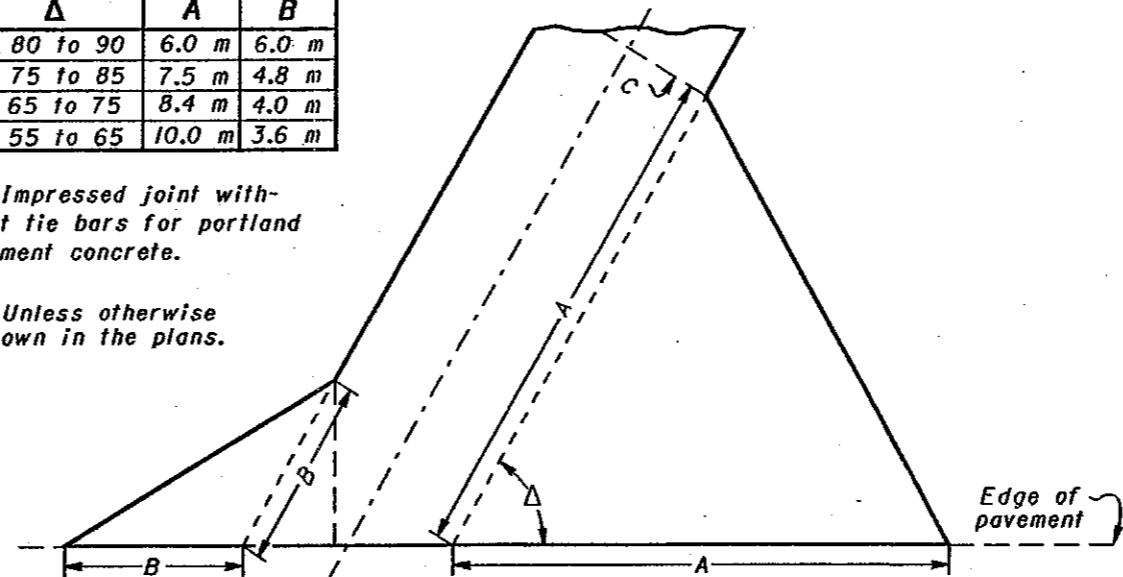


TYPICAL MAIL BOX APPROACH

Δ	A	B
80 to 90	6.0 m	6.0 m
75 to 85	7.5 m	4.8 m
65 to 75	8.4 m	4.0 m
55 to 65	10.0 m	3.6 m

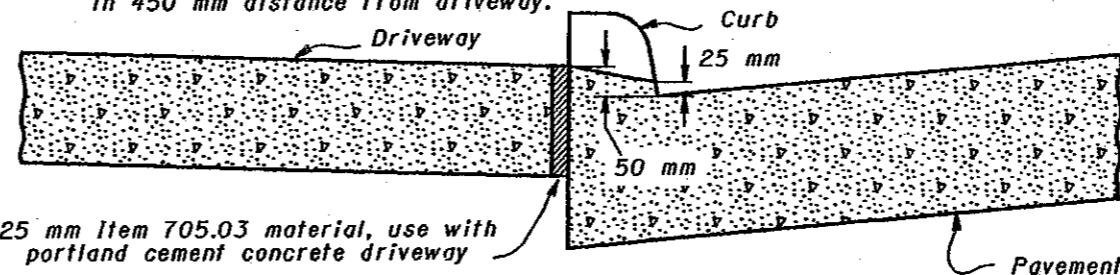
C- Impressed joint without tie bars for portland cement concrete.

* Unless otherwise shown in the plans.



TYPE 2 SKEWED DRIVEWAY

Transition from standard curb section to drop curb section to be made in 450 mm distance from driveway.



25 mm Item 705.03 material, use with portland cement concrete driveway

DROP CURB DETAILS AT DRIVEWAYS

NOTES

GENERAL: The design details shown hereon shall govern the construction of driveways unless otherwise shown in the project plans.

The pavement type and thickness shall be specified in the project plans.

Driveway and mail box approaches shall be combined when feasible.

JOINTS: Impressed joints for portland cement concrete driveways shall be 6 mm minimum width by 75 mm ± depth and shall be sealed with Item 705.04 or ASTM D 1850.

In addition to the joints shown hereon, impressed joints without tie bars shall be placed in portland cement concrete driveways at intervals not to exceed 5.2 m in the portion of the driveway back of the flare.



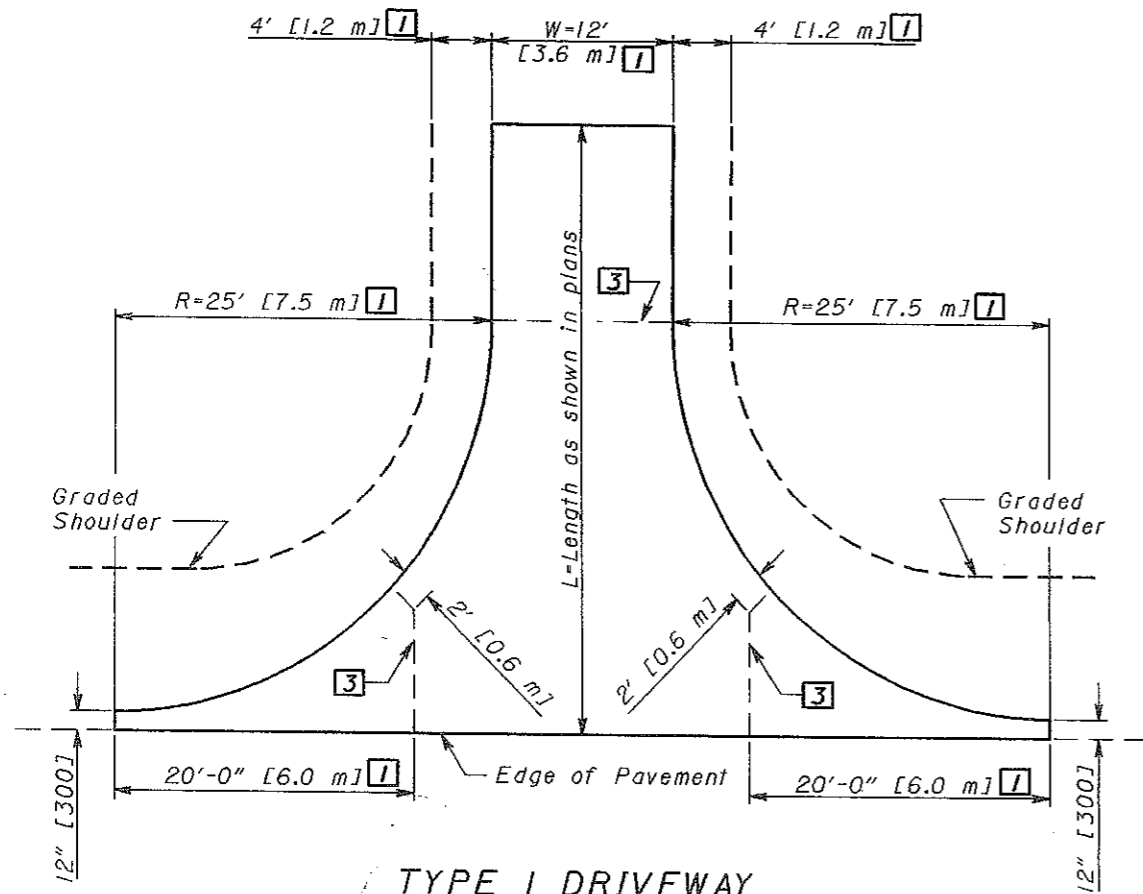
BUREAU OF LOCATION AND DESIGN
OHIO DEPARTMENT OF TRANSPORTATION

DRIVEWAYS

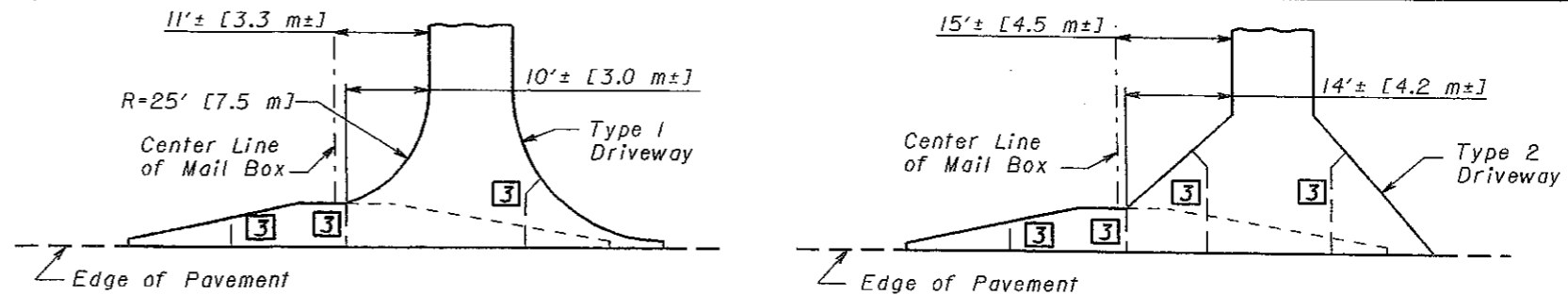
DATE
10-28-94

STANDARD CONSTRUCTION DRAWING
BP-4.1M

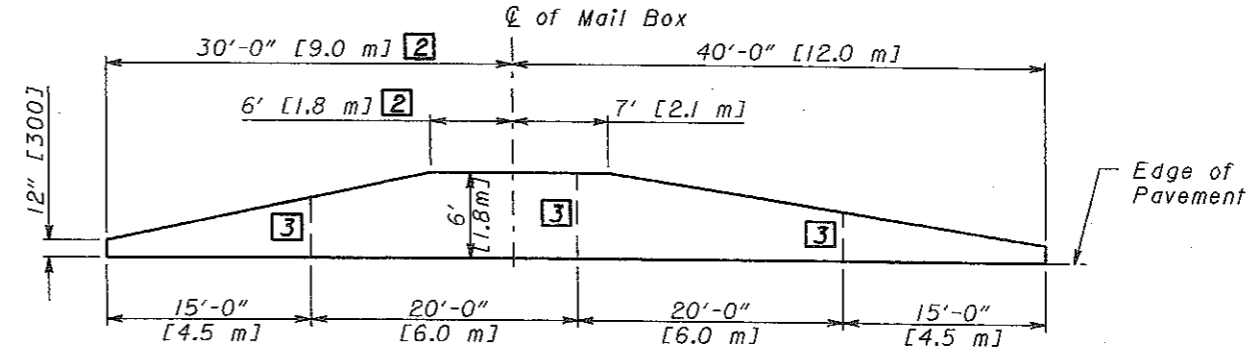
APPROVED *W.K. Hillman*
ENGR., L & D



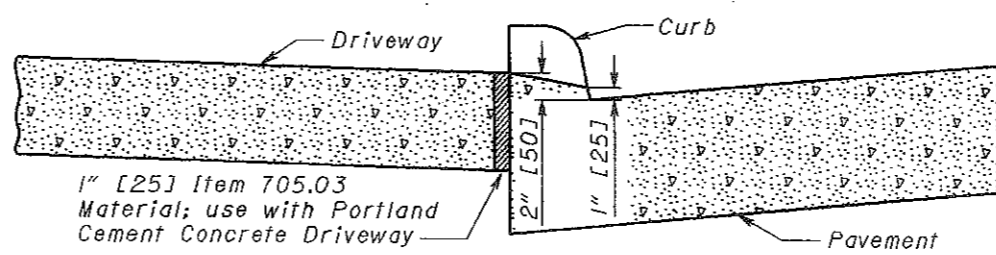
TYPE 1 DRIVEWAY



COMBINED DRIVEWAY & MAIL BOX APPROACH

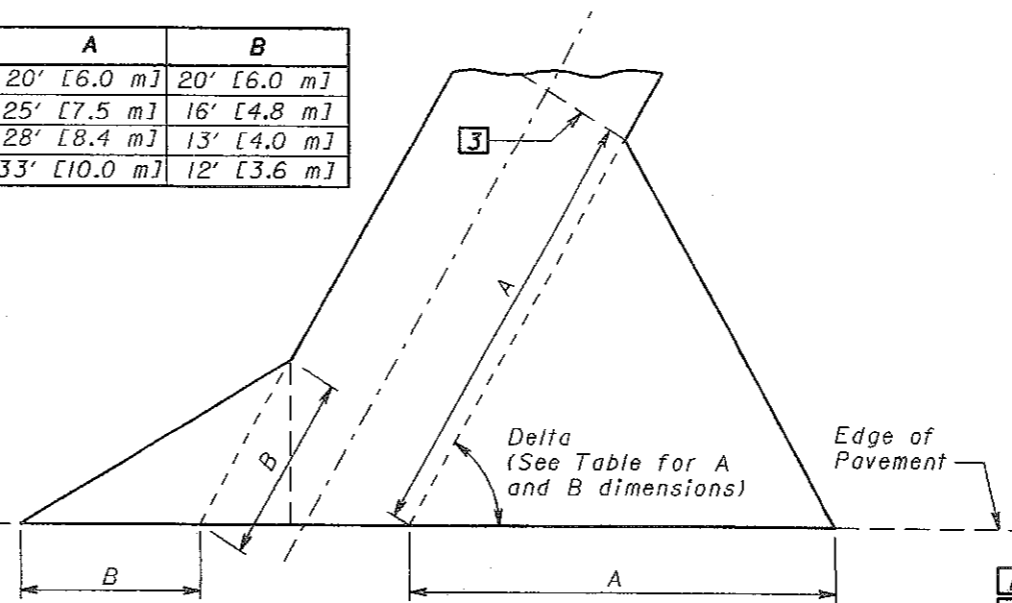


TYPICAL MAIL BOX APPROACH



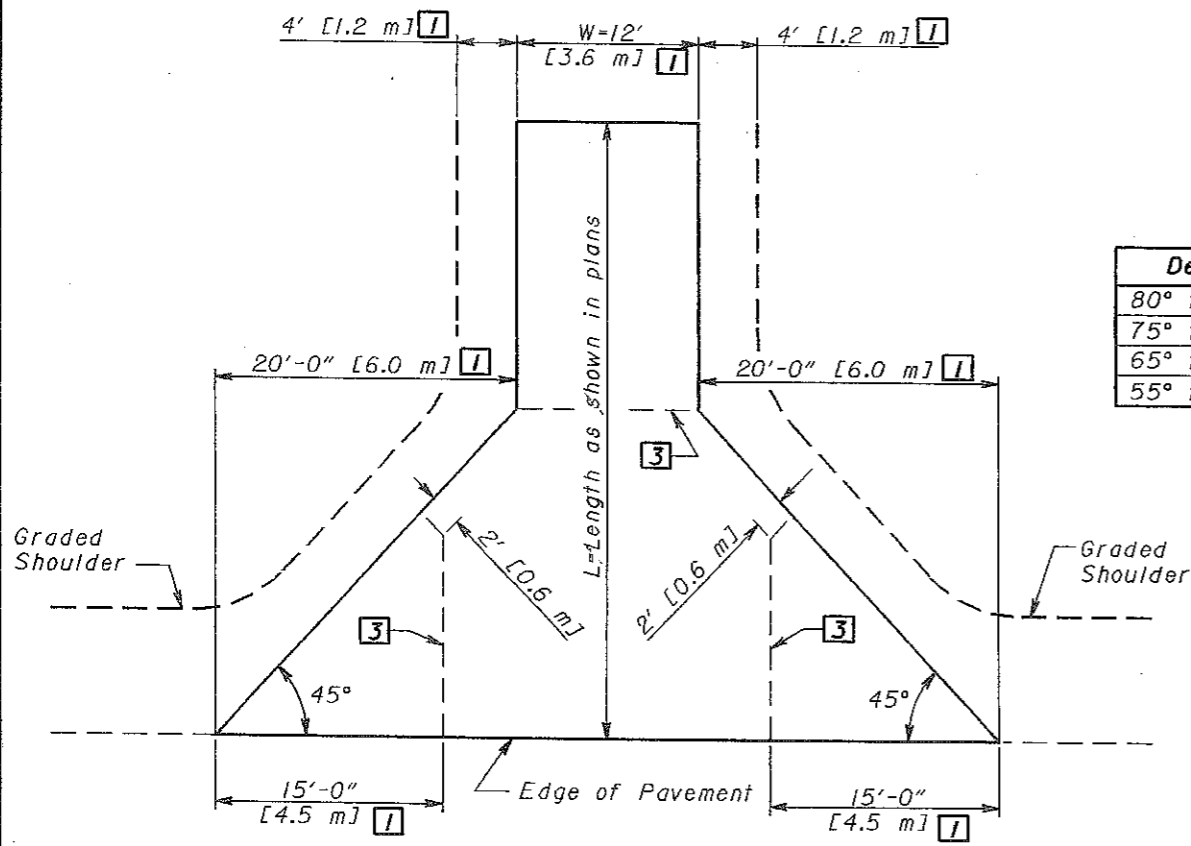
DROP CURB DETAILS AT DRIVEWAYS

Delta	A	B
80° to 90°	20' [6.0 m]	20' [6.0 m]
75° to 85°	25' [7.5 m]	16' [4.8 m]
65° to 75°	28' [8.4 m]	13' [4.0 m]
55° to 65°	33' [10.0 m]	12' [3.6 m]



TYPE 2 SKEWED DRIVEWAY

Transition from Standard Curb Section to Drop Curb Section to be made in 18" [450] distance from Driveway



TYPE 2 DRIVEWAY

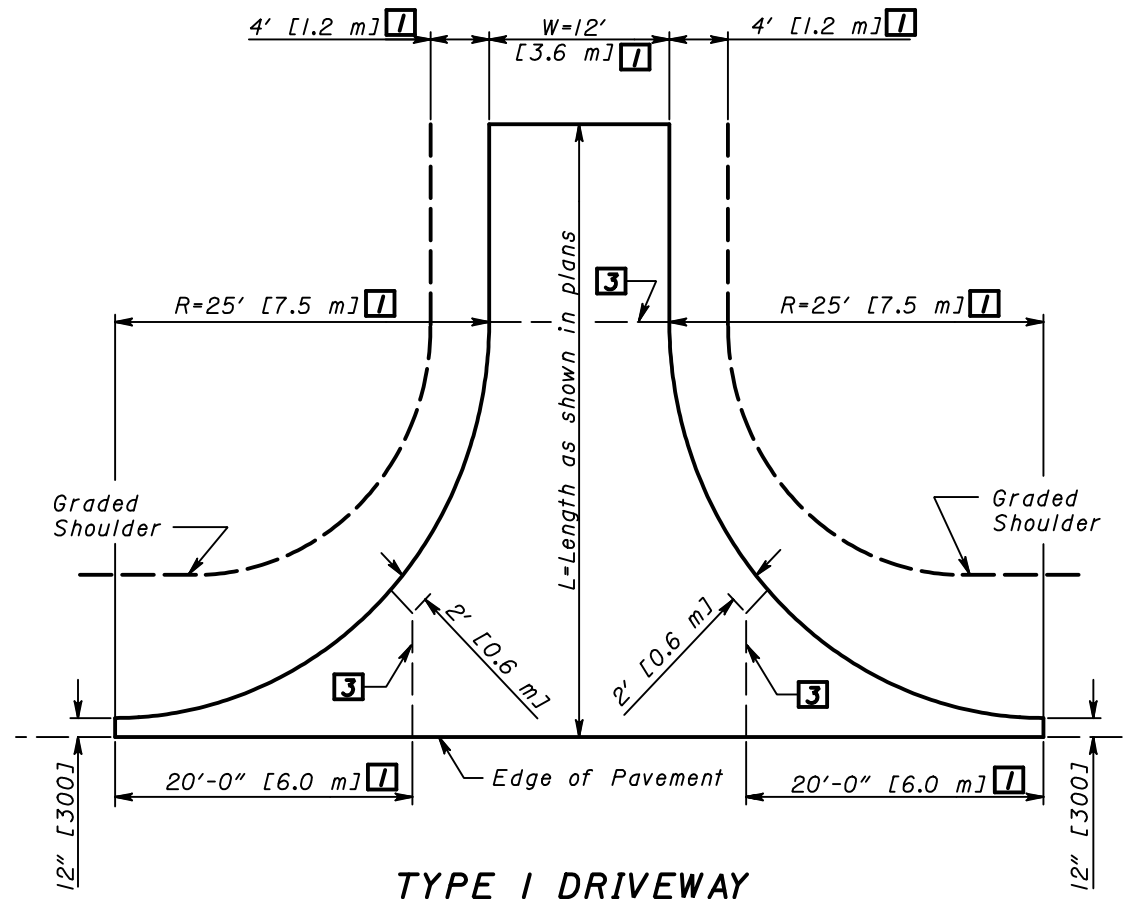
NOTES

- GENERAL:** The design details shown here shall govern the construction of driveways unless otherwise shown in the project plans.
- The pavement type and thickness shall be specified in the project plans.
- Driveway and mail box approaches shall be combined when feasible.
- JOINTS:** Impressed joints for portland cement concrete driveways shall be 1/4" [6] minimum width by 3"± [75±] depth and shall be sealed with Item 705.04 or ASTM D 1850.
- In addition to the joints shown here, impressed joints without tie bars shall be placed in portland cement concrete driveways at intervals not to exceed 17' [5.2 m] in the portion of the driveway beyond the flare.

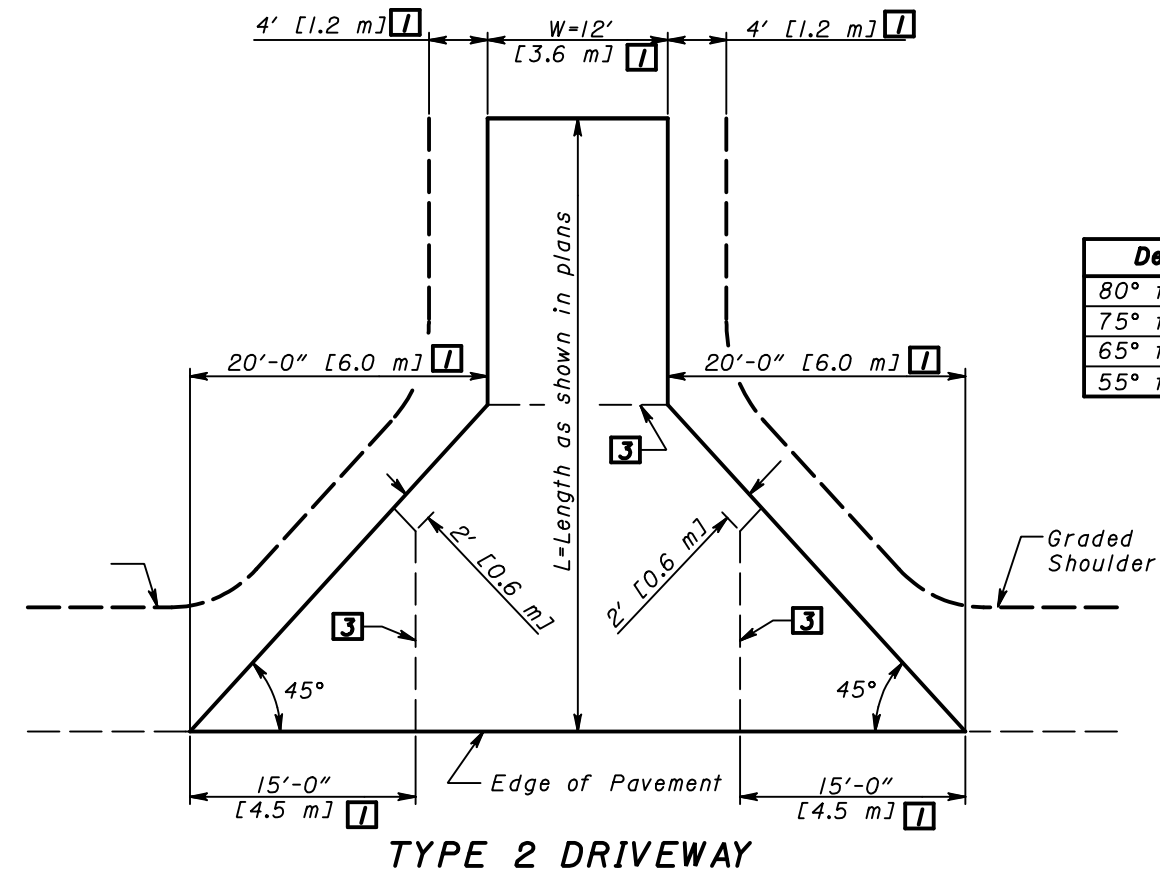
LEGEND

- 1** Unless otherwise shown in the plans.
- 2** Add 3' [0.9 m] for each additional Mail Box
- 3** Impressed Joint without Tie Bars for Portland Cement Surface

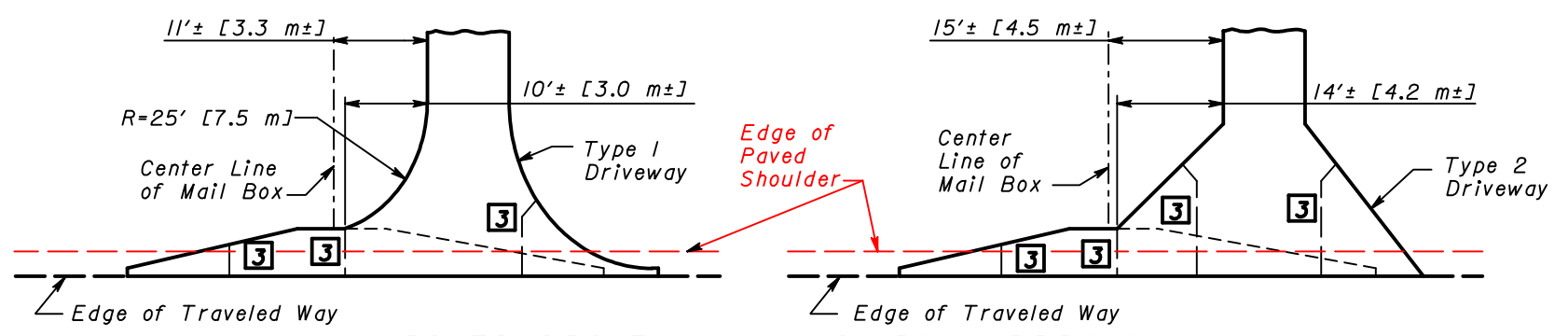
THIS DRAWING REPLACES BP-4JM DATED 10-28-94.
 STANDARD ROADWAY CONSTRUCTION DRAWING
 ROADWAY ENGINEERING SERVICES
 DRIVEWAYS
 NUMBER BP-4.1
 STDS. ENGR. M. EVANS
 DRAWN D. FOCKE
 REVISIONS
 OHIO DEPARTMENT OF TRANSPORTATION
 COUNTY OF CUYAHOGA
 ROADWAY DESIGN ENGINEER
 DATE



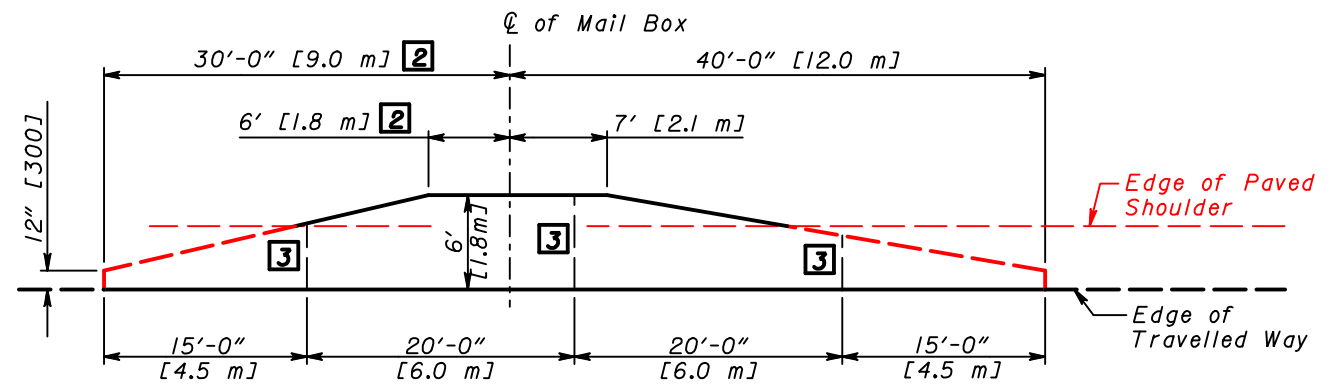
TYPE 1 DRIVEWAY



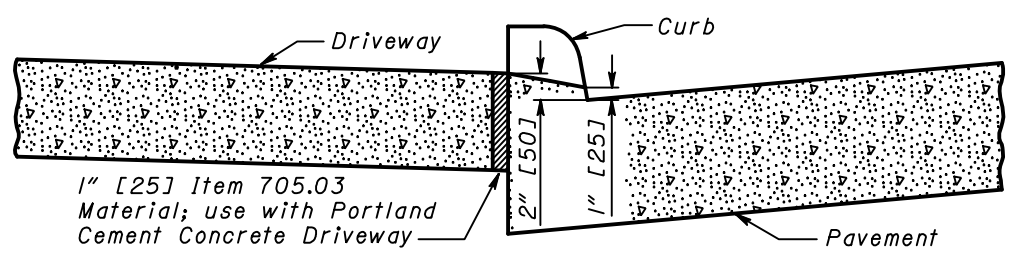
TYPE 2 DRIVEWAY



COMBINED DRIVEWAY & MAIL BOX APPROACH

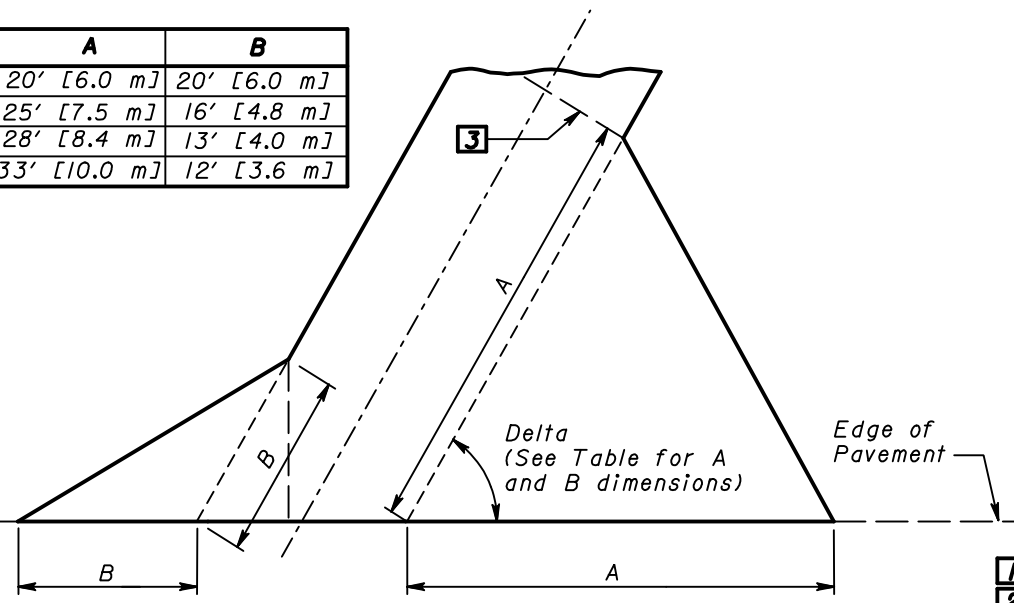


TYPICAL MAIL BOX APPROACH



DROP CURB DETAILS AT DRIVEWAYS

Delta	A	B
80° to 90°	20' [6.0 m]	20' [6.0 m]
75° to 85°	25' [7.5 m]	16' [4.8 m]
65° to 75°	28' [8.4 m]	13' [4.0 m]
55° to 65°	33' [10.0 m]	12' [3.6 m]



TYPE 2 SKEWED DRIVEWAY

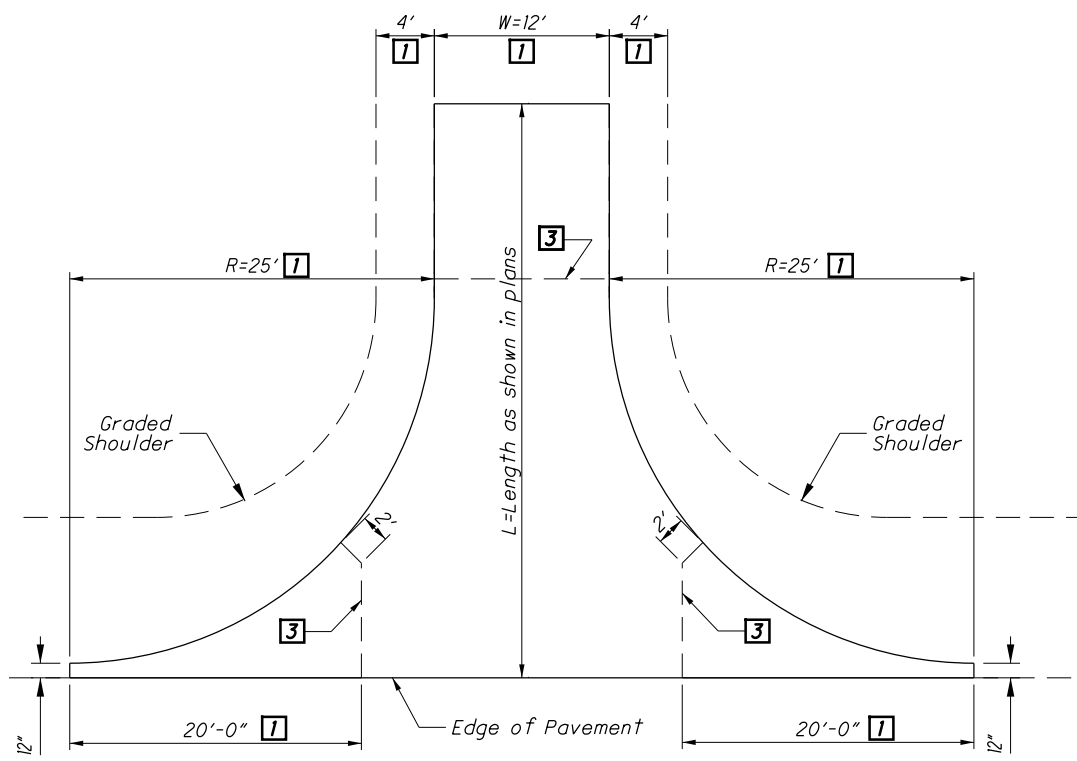
Transition from Standard Curb Section to Drop Curb Section to be made in 18" [450] distance from Driveway

NOTES

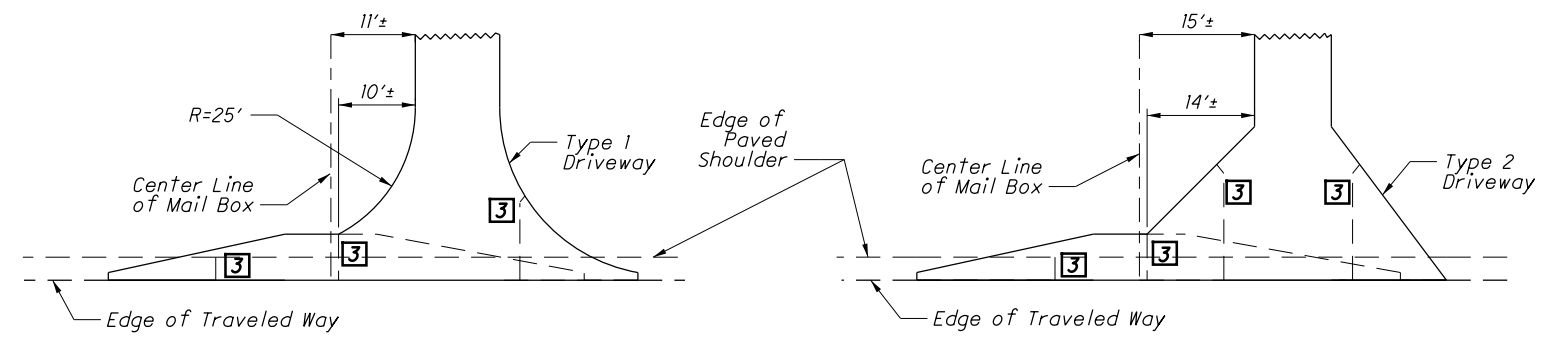
- GENERAL:** The design details shown here shall govern the construction of driveways unless otherwise shown in the project plans.
- The pavement type and thickness shall be specified in the project plans.
- Driveway and mail box approaches shall be combined when feasible.
- JOINTS:** Impressed joints for portland cement concrete driveways shall be 1/4" [6] minimum width by 3"± [75±] depth and shall be sealed with Item 705.04 or ASTM D 1850.
- In addition to the joints shown here, impressed joints without tie bars shall be placed in portland cement concrete driveways at intervals not to exceed 17' [5.2 m] in the portion of the driveway beyond the flare.

LEGEND

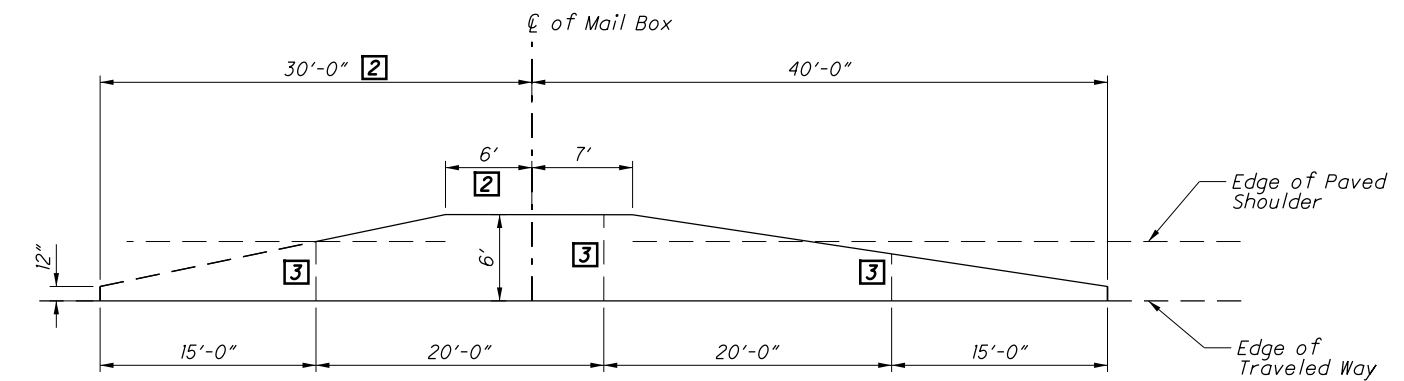
- 1 Unless otherwise shown in the plans.
- 2 Add 3' [0.9 m] for each additional Mail Box
- 3 Impressed Joint without Tie Bars for Portland Cement Surface



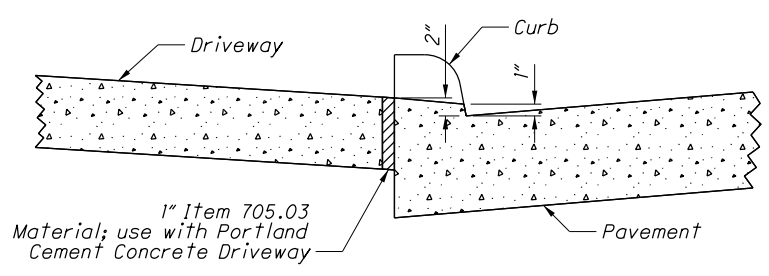
TYPE 1 DRIVEWAY



COMBINED DRIVEWAY & MAIL BOX APPROACH

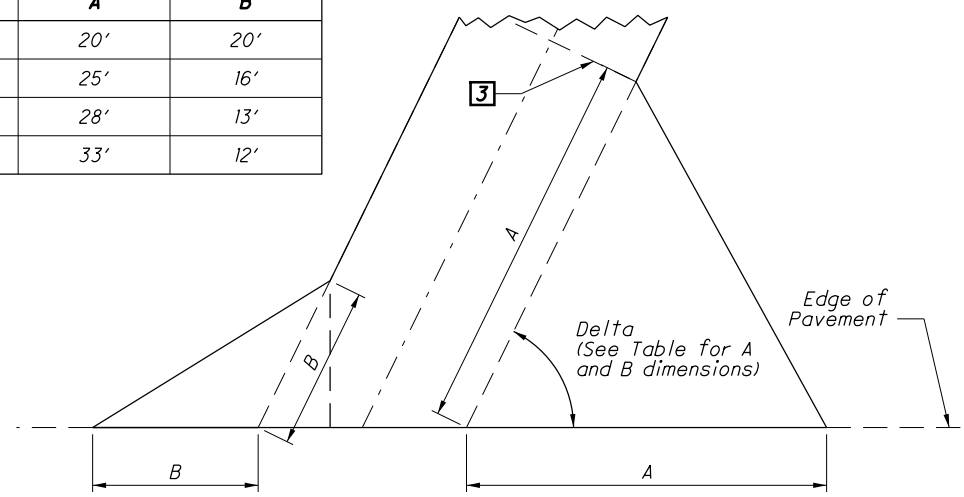


TYPICAL MAIL BOX APPROACH



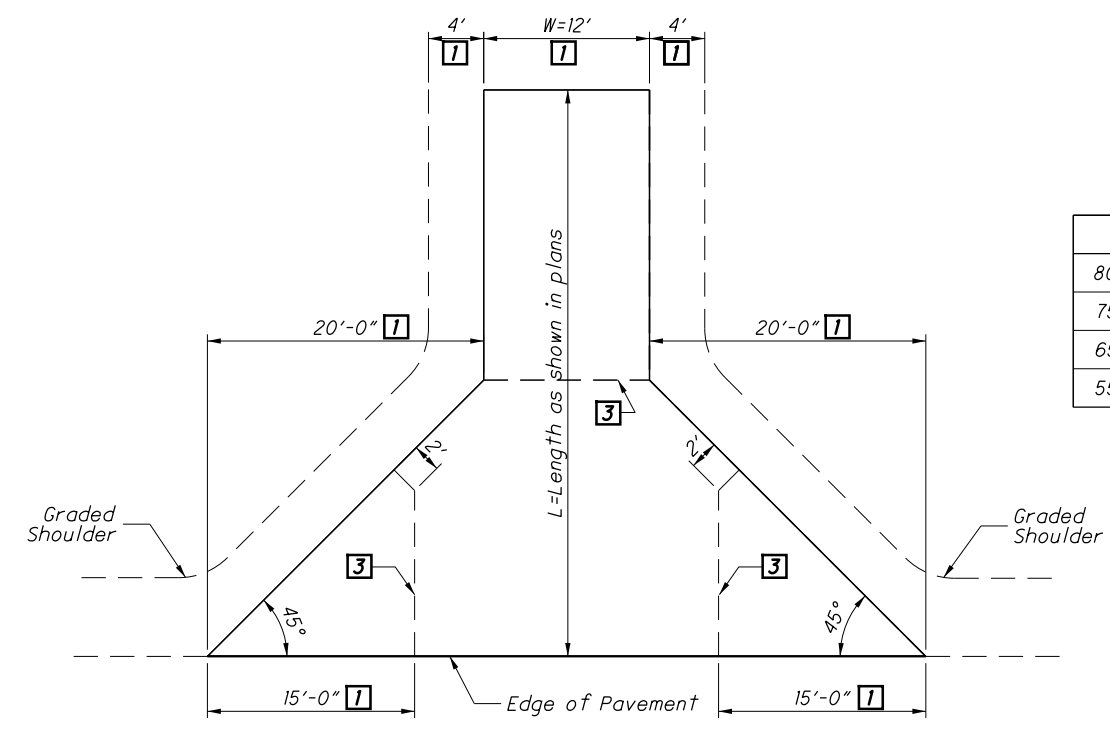
DROP CURB DETAILS AT DRIVEWAYS

Delta	A	B
80° to 90°	20'	20'
75° to 85°	25'	16'
65° to 75°	28'	13'
55° to 65°	33'	12'



TYPE 2 SKEWED DRIVEWAY

Transition from Standard Curb Section to Drop Curb Section to be made in 18" distance from Driveway



TYPE 2 DRIVEWAY

NOTES

- GENERAL:** The design details shown here shall govern the construction of driveways unless otherwise shown in the project plans.
- The pavement type and thickness shall be specified in the project plans.
- Driveway and mail box approaches shall be combined when feasible.
- JOINTS:** Impressed joints for portland cement concrete driveways shall be 1/4" minimum width by 3"± depth and shall be sealed with Item 705.04 or ASTM D 1850.
- In addition to the joints shown here, impressed joints without tie bars shall be placed in portland cement concrete driveways at intervals not to exceed 17' in the portion of the driveway beyond the flare.

LEGEND

- 1** Unless otherwise shown in the plans.
- 2** Add 3' for each additional Mail Box
- 3** Impressed Joint without Tie Bars for Portland Cement Surface