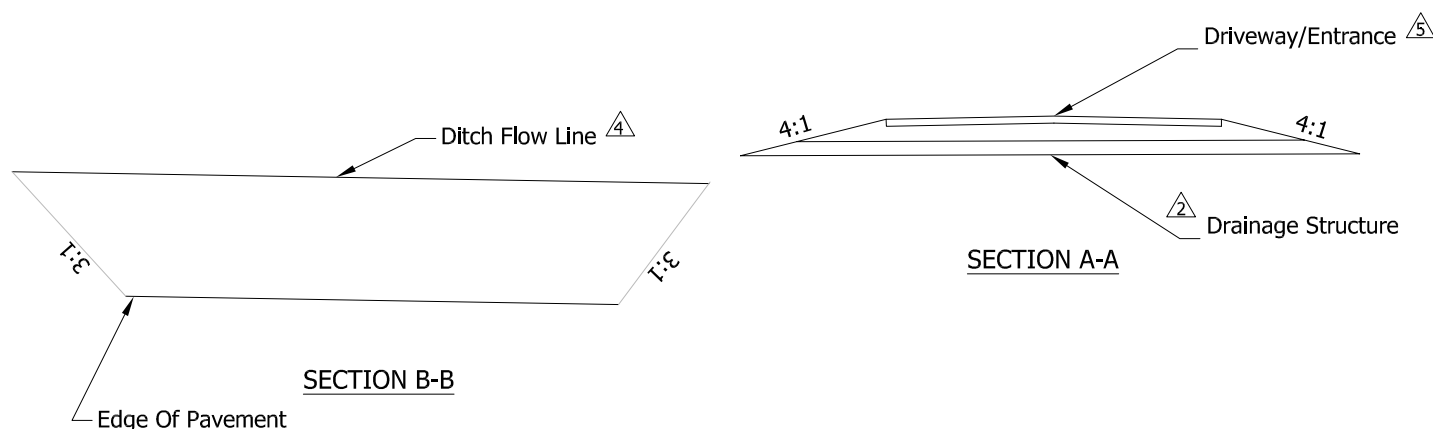
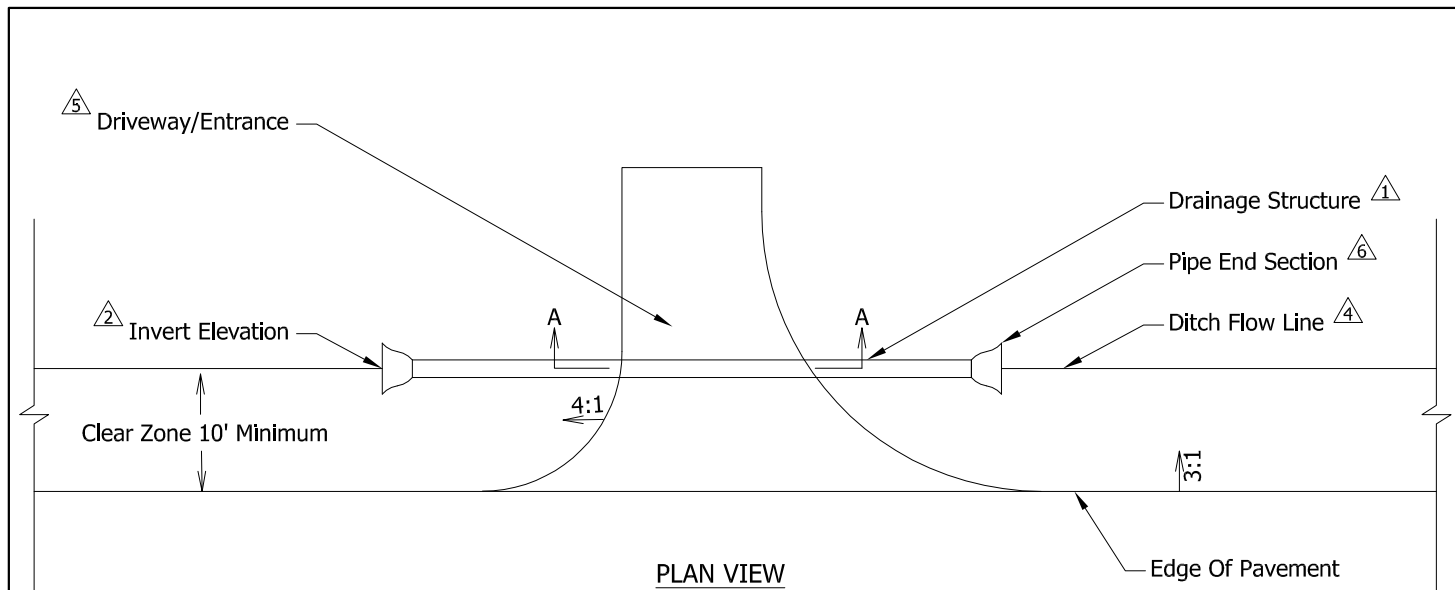




NOTES:

- ① 12" Min. Diameter Structure (15" Diameter Desirable)
Or As Directed By Boone County Engineer, Minimum 12" Cover
- ② Invert Elevations Shall Be Provided At All Downstream And Upstream Inverts.
- 3. Any And All Necessary Ditch And Drainage Improvements Shall Be Provided By Individual Performing The Installation
- ④ Flow Line Elevations Shall Be Provided At The Beginning, End, And Every Grade Break.
- ⑤ For Subdivision Residential Driveway Details - See STD Drawing BC-603-001
For Urban Commercial Driveway Details - See STD Drawing BC-603-002
For Field Entrance Details - See STD Drawing BC-603-003
For Rural Residential Drive - See STD Drawing BC-603-004
- ⑥ Pipe End Sections Shall Be In Accordance With Clear Zone Criteria Outlined In Current Version Of AASHTO Roadside Design Guide
Drainage Structure Should Be a Min of 10' From Edge Of Pavement

REVISED MAY 2021

BOONE COUNTY HIGHWAY DEPARTMENT

TYPICAL CULVERT DETAIL WITH OPEN DITCHES

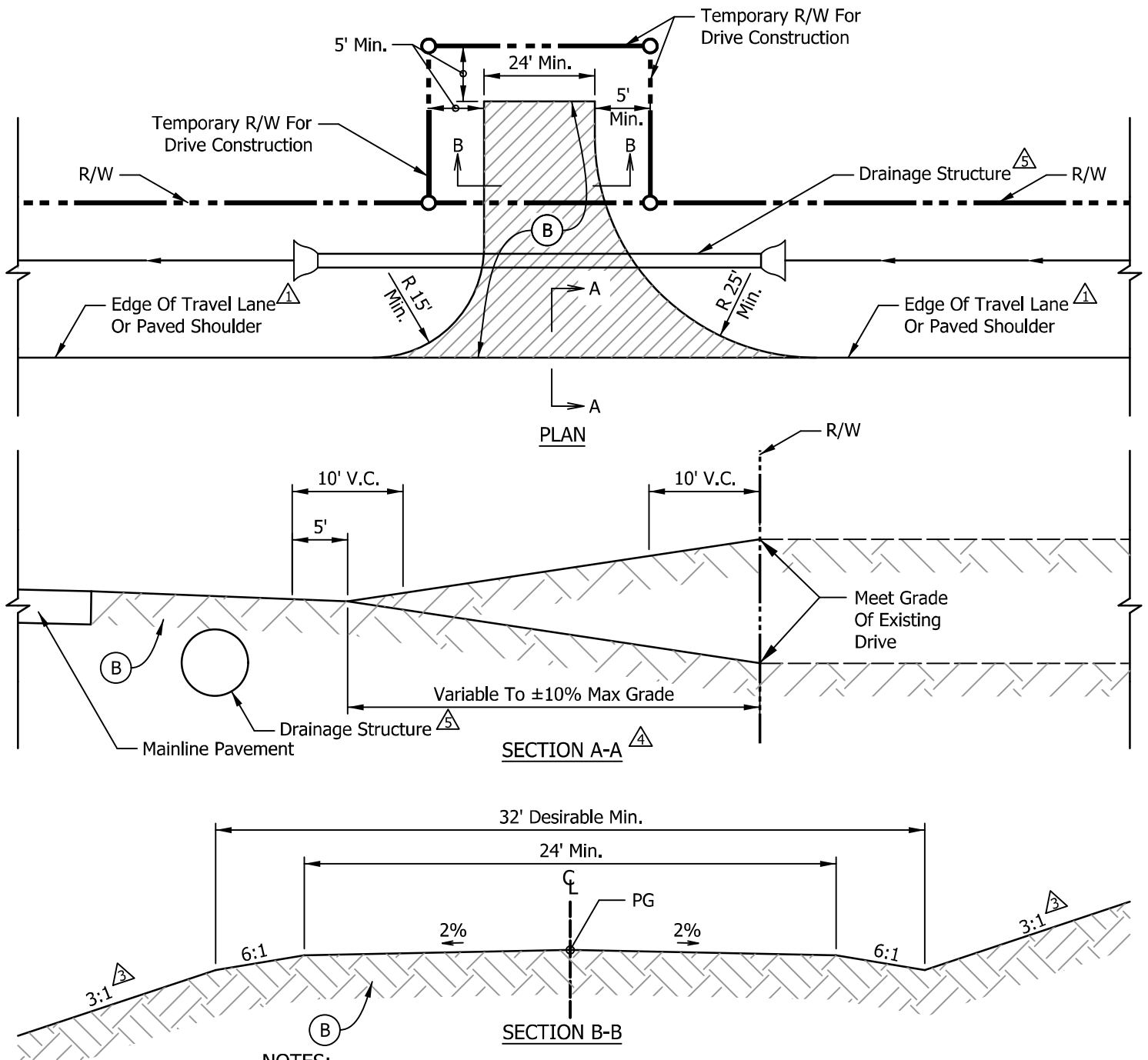
STANDARD DRAWING

NO. BC-603-010

SHEET 1 OF 1

SCALE: NO SCALE

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NOTES:

1. Where The Shoulder Is Earth Or Aggregate, Or When The Paved Shoulder Is Less Than 8', The Drive Radii Shall Be Tangent To The Travel Lane. Where The Paved Shoulder Is 8' Or More, The Drive Radii Shall Be Tangent To The Paved Shoulder
2. Driveway Culverts Which Cannot Be located Outside Of The Clear Zone Shall Require Grated End Sections In Accordance With INDOT Standards
3. Foreslopes And Backslopes Shall Be In Accordance With Clear Zone Requirements Set Forth By INDOT Design Manual (Current Edition)
4. Minimum 2% Grade For 10' Away From Edge Of Pavement Required For Gravel Drives
5. For Drainage Structure Details - See STD Drawing BC-603-010

LEGEND:

(B) Earth Fill Or Aggregate As Needed

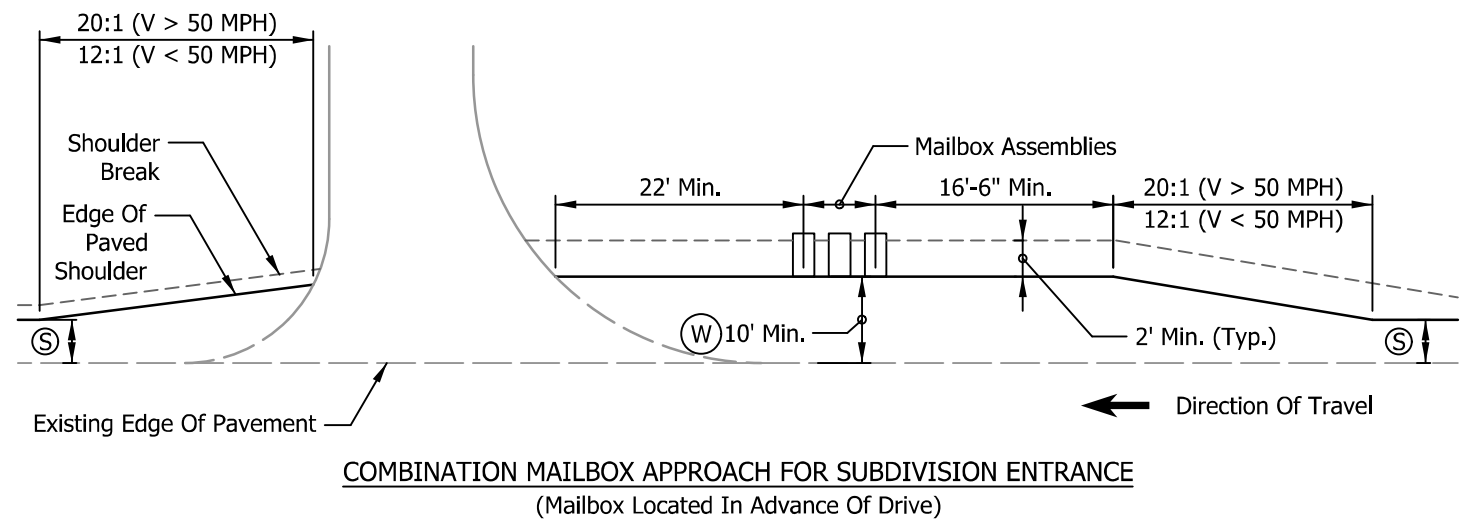
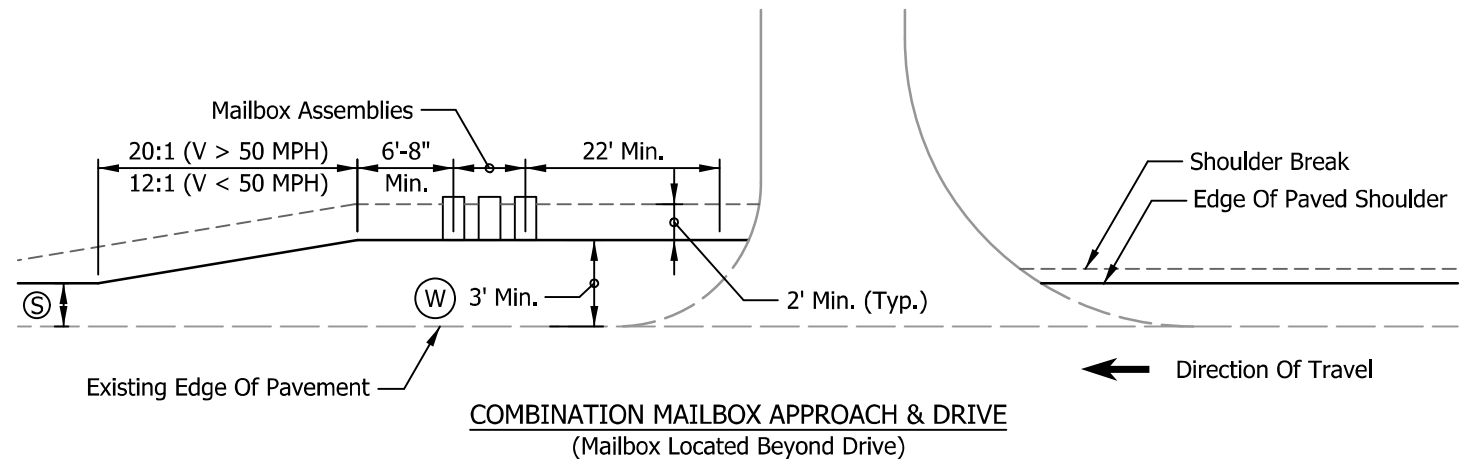
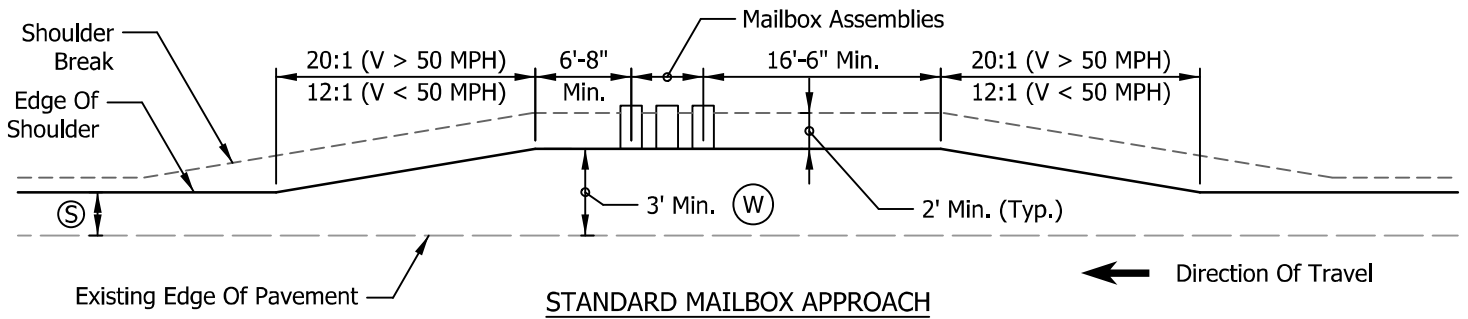
BOONE COUNTY HIGHWAY DEPARTMENT

TYPICAL FIELD ENTRANCE



STANDARD DRAWING
NO. BC-603-003
SHEET 1 OF 1
SCALE: NO SCALE

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LEGEND:

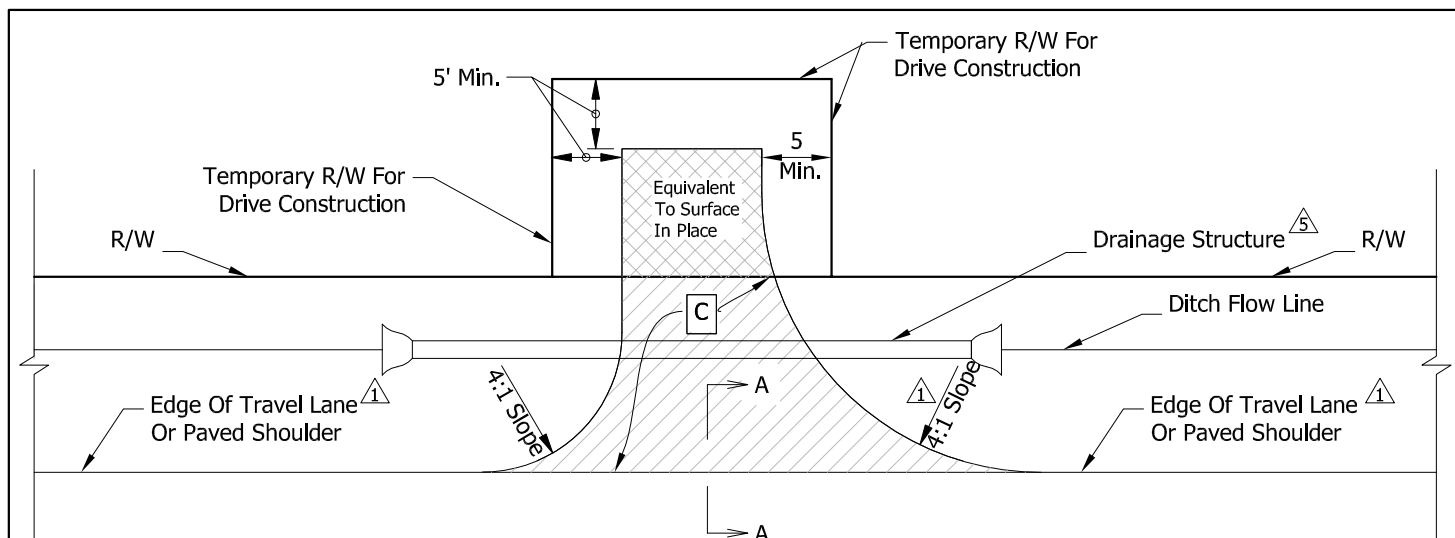
- (W) Match Existing Adjacent Pavement Section (Shoulder Or Lane)
- (S) Shoulder Width From Plans

BOONE COUNTY HIGHWAY DEPARTMENT

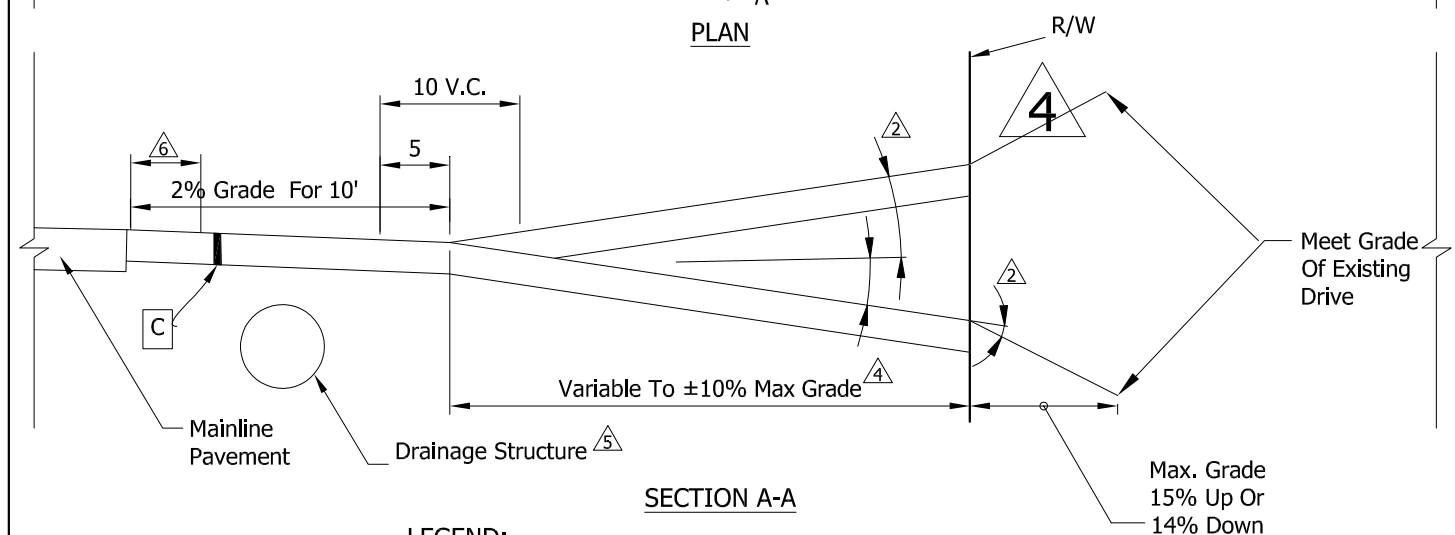
TYPICAL MAILBOX APPROACH



STANDARD DRAWING
NO. BC-603-009
SHEET 1 OF 1
SCALE: NO SCALE



PLAN



SECTION A-A

LEGEND:

Pavement Layer	Asphalt	Concrete	Aggregate	Mainline Resurfacing
HMA Surface, Type B	1.5"	-	-	per plan
HMA Intermediate, Type B	3.5"	-	-	per plan
HMA Base, Type B	-	-	-	N/A
Compacted Aggregate No. 53	-	-	6"	N/A
INDOT Subgrade Treatment	Type II	Type II	Type II	N/A
PCCP for Approaches	N/A	6"	N/A	N/A
Minimum Width for HMA Approach △6	N/A	2'	N/A	2'

NOTES:

- △1 Where The Shoulder Is Earth Or Aggregate, Or When The Paved Shoulder Is Less Than 8', The Drive Radii Shall Be Tangent To The Travel Lane. Where The Paved Shoulder Is 8' Or More, The Drive Radii Shall Be Tangent To The Paved Shoulder
- △2 Max. Algebraic Diff. In Grades; Crests 8.00%, Sags 12.00%
3. Driveway Culverts Which Cannot Be located Outside Of The Clear Zone Shall Require Grated End Sections In Accordance With INDOT Standards. Drainage Structure Should Be Minimum Of 10' From Edge Of Pavement (Clear Zone)
- △4 Minimum 2% Grade For 10' Away From Edge Of Pavement Required For All Drives. 2.5" For Every 10' From Edge Of Pavement
- △5 For Drainage Structure Details - See STD Drawing BC-603-010

BOONE COUNTY HIGHWAY DEPARTMENT

TYPICAL RURAL RESIDENTIAL DRIVEWAY

STANDARD DRAWING

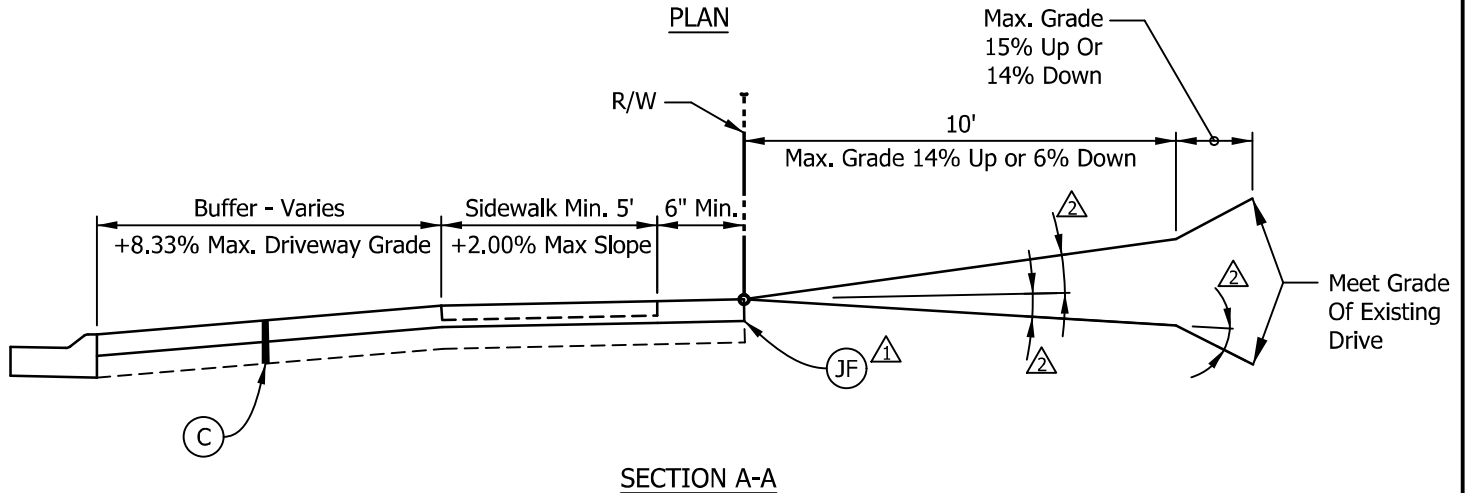
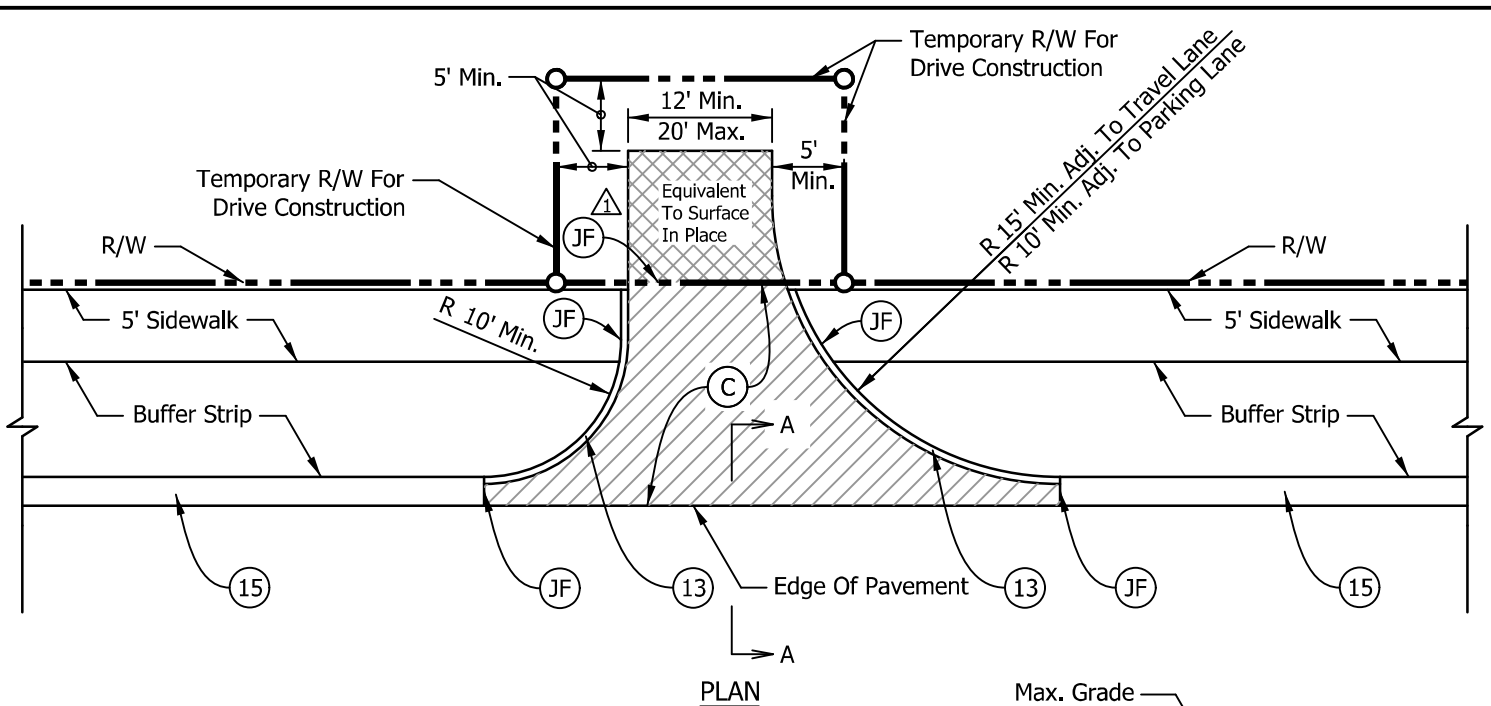
NO. BC-603-004

SHEET 1 OF 1

SCALE: NO SCALE

REVISED MAY 2021

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LEGEND:

Pavement Layer	Asphalt	Concrete	Aggregate
HMA Surface, Type B	-	-	-
HMA Intermediate, Type B	-	-	-
HMA Base, Type B	-	-	-
Compacted Aggregate No. 53	-	-	-
INDOT Subgrade Treatment	-	Type II	8"
PCCP for Approaches	N/A	6"	N/A

- (JF) 1/2" Preformed Joint Filler
- (13) Monolithic Curb See STD Drawing BC-601-001
- (15) Concrete Curb And Gutter See STD Drawing BC-601-001

NOTES:

- Joint Filler Required When Existing Drive Is PCCP
- Max. Algebraic Diff. In Grades;
Crests 8.00%
Sags 12.00%
- 8" Compacted Aggregate May Be Substituted For PCCP With Approval From County Engineer
4. Sidewalk Elevation Transitions At Drives To Be In Compliance With Current ADA Guidelines
5. Driveway Culverts Which Cannot Be Located Outside Of The Clear Zone Shall Require Grated End Sections In Accordance With INDOT Standards
6. For Drainage Structure Details See STD Drawing BC-603-010

BOONE COUNTY HIGHWAY DEPARTMENT

TYPICAL SUBDIVISION RESIDENTIAL DRIVEWAY

STANDARD DRAWING

NO. BC-603-001

SHEET 1 OF 1

SCALE: NO SCALE

