

Municipal Road Approach Policy

3A.007

Section: 3.0 Planning and Community Services
- A. Planning and Development Services

Authority: General Manager of Planning and Community Services

Statement

The Municipal District of Bonnyville (M.D.) will ensure the existence of the first approach to a quarter section when that quarter section is along a developed road allowance. Any additional approaches are at the expense of the landowners(s), or in the case of crown land, the lessee(s).

Purpose

To provide direction to administration in regard to approach construction and planning for access to municipal roads.

Procedure

- (1) All approaches are to be constructed to the standards in *Attachment A*.
- (2) Number of approaches allowed:
 - (a) Agricultural Parcel (including residence):
 - (i) parcels larger than 80 acres may not have more than two (2) approaches;
 - (ii) parcels less than 80 acres may only have one (1) approach; and
 - (iii) the municipality may provide an additional approach(es) to a parcel if it is severed by a topographical feature(s) that physically divides the quarter section.
 - (b) Residential Parcel: one (1) approach.
 - (c) Industrial/Commercial Parcel: one (1) approach.

Note: All the approaches, once installed are within the jurisdiction of the M.D. and therefore are deemed temporary. The M.D. reserves the right to relocate approaches to accommodate safe access onto all municipal roads.

Policy Review

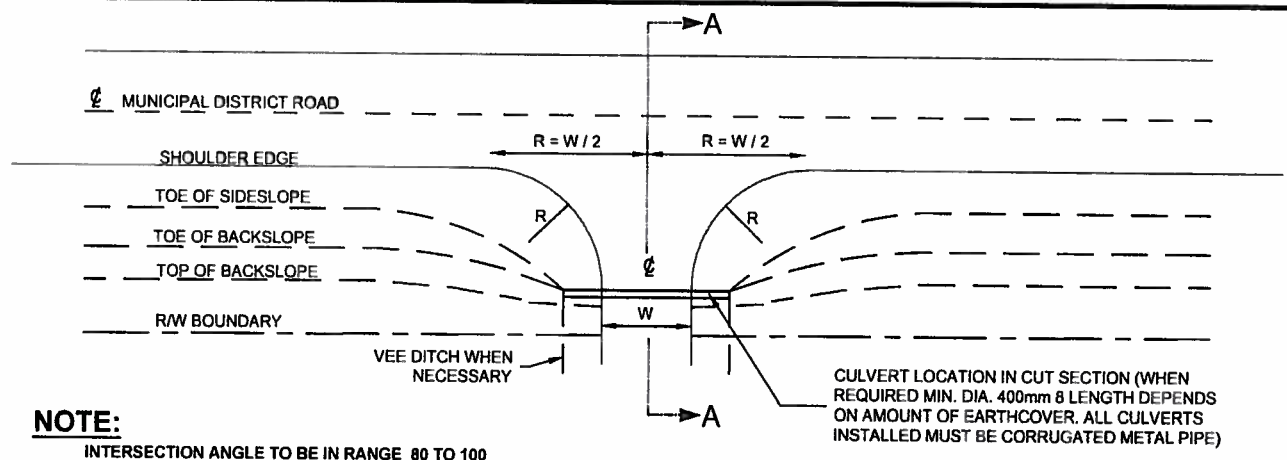
Within five (5) years from date adopted / amended / reviewed.

For administrative use only:

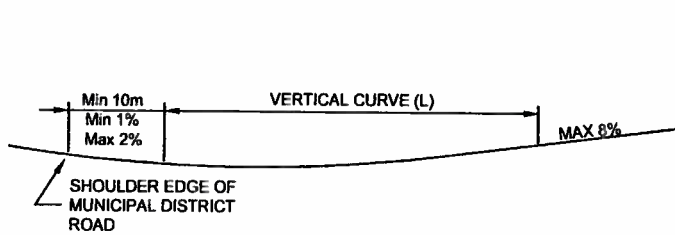
Previous Policy Number: (prior to July 24, 2019)	60.61.03
Related Documentation: (plans, bylaws, policies, procedures, etc.)	Attachment A: M.D. Construction Standards for Road Approach

Municipal District of Bonnyville
Construction Standards for Road Approach

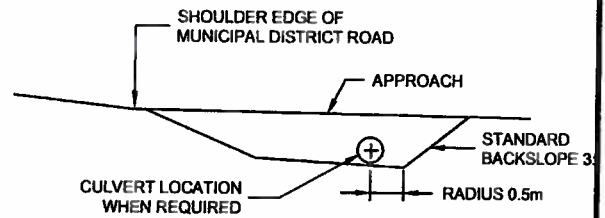
- (1) Minimum of 400mm = 16 inch diameter culvert. All culverts installed must be corrugated metal pipe with whistled ends (beveled). All culverts are to be sized to the drainage requirements of the ditch.
- (2) In the instance that there is no ditch depth, then approval from the Municipal District of Bonnyville (M.D.) will be required for approach installation without a culvert.
- (3) All topsoil must be removed from ditch prior to culvert installation for ease of water flow.
- (4) Approach surface must be crowned with a minimum of 300 mm = 1 foot of compacted clay cover at the shoulders of the approach with finish grade at a minimum of 50 mm = 2 inches of 20 mm = ¾ inch crushed gravel, compacted.
- (5) Road Approach shall be a minimum roadway width for:
 - (a) residential approaches 8 meters (26.24 feet);
 - (b) agriculture/industrial approaches 10 meters (32.8 feet).
- (6) All exposed culvert ends to be packed with hand size rocks to prevent erosion around culvert ends.
- (7) Road approaches should have a minimum distance separation of 30 meters (100 feet) and align with existing approach(s) across from both sides of the municipal road when possible.
- (8) Road approaches should be a minimum of 100 meters (328 feet) from the intersection of any municipal roads and highways.



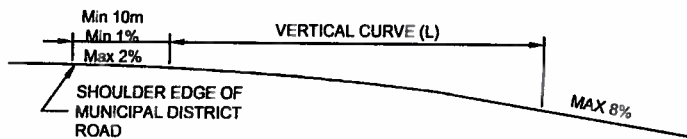
NOTE:
INTERSECTION ANGLE TO BE IN RANGE 80 TO 100



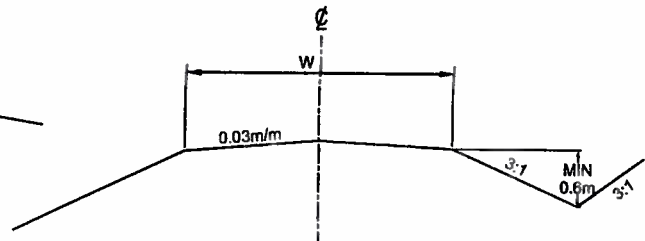
SECTION A
PRIVATE APPROACH IN CUT



DETAIL OF
DITCH AND CULVERT LOCATION



SECTION A
PRIVATE APPROACH IN FILL



PRIVATE APPROACH
CROSS-SECTION

ALGEBRAIC DIFF IN GRADIENT (%)	LENGTH (m)	
	CREST	SAG
1	6	8
2	12	15
3	16	23
4	24	30
5	30	38
6	37	46
7	/	46
8	/	46
9	/	46

USE	APPROACH WIDTH, W (m)		RADIUS OF INTERSECTION EDGE OF SHOULDER (R)
	BASE		
RESIDENTIAL	8		10-15
AGRICULTURE	10		15-20
INDUSTRIAL	10		15-20



A MINIMUM 400mm CULVERT REQUIRED

Scale: **N.T.S.**
 Date: **OCT 2016**
 Drawn By: **MD of Bonnyville**

DESIGN SPECIFICATIONS FOR ROAD APPROACHES