

# COLLEGEVILLE TOWNSHIP

## TOWN ROAD CONSTRUCTION STANDARDS

### THE COLLEGEVILLE TOWNSHIP BOARD OF SUPERVISORS ORDAINS:

#### Section 1.00 – Purpose and Authority

**1. Purpose.** Provide for the health, safety and welfare of the Collegeville Township residents by requiring the necessary services, such as properly designed roads.

**2. Authority.** This ordinance is adopted pursuant to Minnesota Statute Chapter 462 and 164 the Township Road Statute.

#### Section 2.00 – Platted Roads

The Township shall not accept nor shall it maintain any roads dedicated by plat after this ordinance becomes effective unless the party dedicating said road or roads first complies with the terms of this ordinance.

#### Section 3.00 – Un-Platted Roads

The Township shall not accept nor shall it maintain any roads dedicated by easement after this ordinance becomes effective unless the party dedicating said road or roads first complies with the terms of this ordinance.

#### Section 4.00 – Required Improvements

- (1) All roads dedicated by plat or otherwise after this ordinance shall be constructed and improved to the standards set out in this ordinance before the Township shall accept or maintain such roads.
- (2) Prior to the installation of any required improvements on such road, the party dedicating the road shall enter into a contract in writing with the Township under which the dedicating party agrees to construct the road to Township specifications at the expense of the dedicator, and also agrees to pay all expenses incurred by the Township related to such dedication and construction, including Township engineering fees for reviewing plans and inspecting construction of the road, and attorney's fees related to the road dedication and construction. This agreement shall contain a requirement that the dedicator establish an escrow with the Township to cover the Township's engineering and attorney's fees. The Township may draw upon such escrow to pay such costs incurred by the Township, and shall return any remaining in such escrow after the construction has been completed and all Township engineering and legal fees related to the road have been reimbursed by the dedicator or drawn from the escrow fund.
- (3) The road shall be constructed in accordance with the plans and specifications as approved by the Township Board.

## **Section 5.00 – Construction Plans**

Construction plans for the required improvements, conforming in all respects to Township standards and the applicable ordinances shall be prepared at the applicant's expense by a professional engineer registered in the State of Minnesota; said plans shall contain the engineer's seal. The plans, together with a list of construction materials, shall be submitted to the Township Engineer for approval. Copies of the plans approved by the Township, plus two prints, shall be filed with the Township.

## **Section 6.00 – Road Access Standards**

### **Subpart 6.01 – General Access Standards**

- A. All accesses onto a Township road shall be aligned to be straight and perpendicular to the centerline of the adjacent Township roadway within the limits of the Township right-of-way.
- B. When the opportunity exists, access locations will be directed onto roadways with a lower functional classification.
- C. All private facilities such as signs, entrance medians (divided entrances), culvert headwalls, fencing, etc., shall be placed/constructed outside of the permanent Township right-of-way.
- D. Access(es) will need to be aligned with street accesses and/or entrances on the opposing side of the roadway, if possible.
- E. Culverts shall be placed to maintain drainage required. Minimum diameter for centerline shall be 24 inches, for approaches 18 inches, all with aprons. All culverts shall be corrugated polyethylene (18”), steel or reinforced concrete (18” or over). All culverts shall meet the specifications of the MnDOT standard specifications for construction.
- F. Accesses will be shared between adjacent properties/parcels whenever possible and practical.
- G. Only one access per property/parcel will be allowed.
- H. Plans for new street access(es) will need to be submitted to the Collegeville Township Ordinance Administrator for review and approval prior to issuance of the permit.

### **Subpart 6.02 – New Access Spacing Guidelines**

Each new access(es) onto Township road shall be separated from adjacent accesses according to the following standards:

- A. Collector roads, accesses on the same side of the road shall be located at a minimum of 300 feet (County Roads 9/50/51/159/160).
- B. Access onto Township roads shall have a minimum separation distance of 100 feet.
- C. Field access will be spaced on a one access per 40 acre frontage.
- D. Separation distances may be modified by recommendation of the Planning Commission, due to parcel size, roadway/street access geometrics and/or proposed use of street.

### **Subpart 6.03 – Access Width Guidelines**

- A. Residential access surfacing width shall be a minimum of 16 feet and a maximum

- of 24 feet.
- B. Commercial and industrial access surfacing shall be a maximum of 30 feet in width.
- C. Field accesses shall be a minimum of 16 feet in width and a maximum of 24 feet in width.

#### **Subpart 6.04 – Driveway Access Standards**

All residential dwellings or combinations of residential dwellings that access Township streets/roads shall be improved to ensure access for emergency vehicles and shall be continuously maintained. The access shall be constructed of an all-weather (i.e. gravel, bituminous, or concrete) driving surface.

#### **Subpart 6.05 – Mailbox Requirements**

In accordance with US Postal requirements, the following standards are required:

- a. Standard swing-arm mailboxes and standard swing arm support posts may be located within the Township road right-of-way. However, the Township is not responsible for damage to mailboxes or posts during road maintenance or snow plowing.
- b. The front of the mailbox should be where the shoulder of the road and the ditch slope meet.
- c. The mailing address should not be less than 1” high.
- d. The arm of the mailbox should be 3 to 4 feet in length.
- e. The bottom of the mailbox should measure 43” to the road.
- f. The distance between mailboxes should be a minimum of 2 feet.

### **Section 7.00 – Collegeville Township Road Specifications and Standards**

Roads shall be designed to the following specifications unless the Town Board specifically finds that modifications to these standards are warranted.

#### **Subpart 7.01 – Design Specifications**

- 1. A minimum road right-of-way of 66 feet for residential areas and a minimum right-of-way of 80 feet for commercial and industrial areas.
- 2. A minimum finished roadway top width of 28 feet for residential areas and a minimum top width of 36 feet for commercial and industrial areas, which includes driving surface width and shoulders.
- 3. All developments shall be limited to one access to a collector road, subject to review by the Township Board of Supervisors.
- 4. Roadway shall be built to a minimum of 30 MPH design speed in residential areas and a 40 MPH design in other areas.

#### **Subpart 7.02 – Construction Specifications**

- 1. A minimum ditch separation of 2 feet below finished grade, and a minimum ditch width of six feet.
- 2. A minimum slope for in slopes shall be 4:1 and back slope shall be 4:1.
- 3. Compacted Class 5 gravel road surfaces shall be 28 or 36 feet wide, minimum of

eight percent binder. The thickness shall vary according to soil types; sandy soil minimum of eight inches; and clay type soil a minimum of ten inches. (See Exhibit A).

4. A plant mix bituminous surface shall be placed in accordance with MnDOT Specification 2360. This surface shall be a minimum of 24 feet wide and have a compacted minimum thickness of 3 inches.
5. If recycled asphalt pavement is proposed, it must be approved by Township Engineer and at a minimum must submit an approved trial mix design.

#### **Subpart 7.03 – Drainage and Erosion Standards**

1. All roads shall be built to be free of drainage problems.
2. All apparent snow traps shall be eliminated.
3. All roads shall be built to be free of flooding.
4. All roads shall be constructed to handle a ten year frequency storm and the design shall be reviewed for a 50 and 100 year frequency storm assessment.
5. All topsoil removed for construction shall be replaced on road inslopes, backslopes, and ditch bottoms and shall be seeded with Rye and Brome grass as approved by the Township Board of Supervisors.
6. Culverts shall be placed to maintain drainage required. Minimum diameter for centerline shall be 24 inches, for approaches 18 inches, all with aprons. All culverts shall be corrugated polyethylene (18”), steel or reinforced concrete (18” or over). All culverts shall meet the specifications of the MnDOT standard specifications for construction.
7. All roads must be constructed to comply with MPCA’s NPDES Construction General Permit.

#### **Subpart 7.04. – Engineering and Maintenance Standards**

1. All roads shall be subject to review and approval by the Township Board and the Township Engineer as far as they pertain to the above requirements. The Township Board will not accept any road dedications by private owners until all conditions of the above specifications have been met.
2. The Township Board reserves the right to require trial mix design verification and testing of field samples by Township Engineer. The developer shall pay the inspection and testing costs.
3. At all dead ends of such roads there shall be a minimum cleared right-of-way diameter of 120 feet, and surface diameter of 90 feet for a turnaround. The Township shall not be responsible for shrubs, trees, flowers, or any other personal property within the 120 foot cleared diameter.
4. The Township may agree to do snow removal on a contract basis for newly asphalted roads but will not be responsible for damages incurred due to improper road construction.
5. The Township may not agree to accept any maintenance of a new road until it has been paved for two years to the Township specifications

#### **Section 8.00 - Severability**

If any section, subsection, sentence, clause, phrase, or portion of this is for any reason

held invalid or unconstitutional by any court or administrative agency of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision and such holding shall not affect the validity of the remaining portions thereof.

Adopted this 13th day of November, 2012 by the Board of Supervisors of the Town of Collegeville.

BY THE BOARD

\_\_\_\_\_  
Township Chairperson

Attest: \_\_\_\_\_  
Township Clerk