

**Town of Athelstane
Town Road Design Standards
Ordinance # 4**

1. **PURPOSE:** The purpose of this ordinance is to promote the safety and general welfare of the citizens of the Town of Athelstane and others who travel the Town roads by providing for the orderly layout and construction of Town roads.

 2. **PERMIT:** To insure compliance with the standards created by this ordinance, no person shall commence construction of any road that is intended to provide future public access to more than one landowner without first obtaining a permit for such construction from the Town, along with a copy of this ordinance and typical road cross section. Permits can be obtained from the Town of Athelstane Town Board or Designee. Applicants are also responsible for any other county or state permits needed.

 3. **ROADWAY BASE AND FILL:** All marsh, swamp, muck and peat material shall be removed from under the area of the roadway to insure a stable foundation for the roadway fill. All excavated organic material shall be disposed of either by placing a layer 6 inches minimum depth on the side of cut and fill or by disposal off the roadway. Road fill shall be free of all large rock, muck, peat and other organic matter. Fill material shall be installed in layers up to 6-inch maximum and compacted between layers to assure maximum compactness and prevent differential settlement.

 4. **INSPECTION:** Continual inspection of roads by the Town Chairperson and/or Designee during all phases of construction is necessary for roads to be considered for addition to the Town road system. Minimum of 3 inspections must take place. Inspections will be made of the road base, ditches and grades, the crushed gravel, driving surface and hard surface of either cold or hot mix blacktop.

 5. **RIGHT OF WAY:** A right-of-way of 66 feet is required on any newly established town roads. A minimum right-of-way of 49.50 feet is required for a private road to be considered for the Town to take it over as a Town Road.

 6. **CLEAR ZONE:** The entire width of the right of way.
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7. **CUL-DE-SAC:** All dead end roads, regardless of length, shall have a cul-de-sac at the end having a minimum radius of 75 feet or a "T" of not less that 50 ft. on both sides of center line of said road and not less than 50 ft. wide. On an existing road that has no cul

de-sac or "T", one will be put in if needed when the road is resurfaced.

8. **BOULEVARDS:** No boulevards shall be constructed in the Town of Athelstane.

9. **ROADWAY:** Roadway width shall be not less than 18 feet. The entire road way width shall have no less than 6-inch bank run covered with 4 inches of crushed gravel. More bank run or crushed gravel may be needed to create stability in problem areas. The roadway surface shall be constructed centered in the right-of-way.

10. **SHOULDERS:** Shoulder width shall be not less than 2 feet wide on either side of roadway. They shall not have less than 4 inches of 3/4" crushed gravel.

11. **SURFACING:** Roadway surfacing options and roadway width shall be determined by the Town Board or Designee:

- a. Hot mix: Minimum of 2 inches compacted.
- b. Cold mix: Minimum of 2 inches compacted.
- c. Double seal coat with a 3/8" chip
- d. Gravel exception.

1. Existing Town roads not yet updated.

12. **UTILITY PLACEMENT:** Utility placement must be coordinated with Town Board or Designee and developer to run on either or both edges of the right of way. See Town of Athelstane Utility Ordinance. # 9

13. **DITCHES:** The ditch must be at least 1 ft. below the bottom of the gravel base or sub-grade. Deeper ditches may be necessary to provide positive drainage patterns. Side slopes of 4 to 1 are desirable with 2-1/2 to 1 maximum. Side slopes and back slopes are to be top soiled so that they can be seeded for permanent cover.

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14. **CULVERTS:** A culvert must be durable and have sufficient hydraulic capacity to carry away a predetermined quantity of water in a given time. Culverts shall be installed as necessary with the location and size to be determined by the Town Board or Designee. Multiple part culverts are to be banded with a band of the same size and gauge as the culvert.

15. **DRIVEWAYS:** There will be no driveways providing access to more than one property.

16. **CURVES AND INCLINES:** All curves and inclines shall be constructed in accordance with the standards set forth in Section 86.26 of WI Statutes currently in effect or subsequently amended which standards are incorporated herein by reference.

17. **STUMPS:** No stumps shall be buried within the right of way

18. **ACCESS:** For each 1/8 mile of an existing road (federal, state, county or town) not more than 1 road may be constructed to adjoin the existing road.

19. **SEEDING:** All side slopes and back slopes shall be seeded with standard DOT highway mix or equivalent mix for permanent cover.

20. **TYPICAL CROSS SECTION:** Attached hereto and made a part of this ordinance.

21. **ROAD SIGNS:** Signs will be provided and installed by the Town of Athelstane

22. **NAMING OF ROADS:** The naming of roads must have Town Board approval. After approval is granted the Town of Athelstane will submit road name to the Marinette County Property Lister for County approval. The road name shall not exceed sixteen (16) characters including spaces.

23. **VARIANCE:** A variance to this ordinance may be granted by Town Board action.

24. **APPLICABILITY:** This ordinance shall apply to all roads, construction of which is completed after the effective date of this ordinance and all existing roads may in the future become dedicated for public use or submitted to the Town as a Town road.

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25. **VIOLATION AND PENALTY:** Any person, firm or corporation who violates this ordinance shall pay a forfeiture of not less than \$100.00 nor more than \$2,000.00, together with the cost of prosecution, or in default of payment there of by imprisonment in the Marinette County Jail for a term of not more than 30 days. Each day of the violation may constitute a separate offense.

26. **ENFORCEMENT:** The Public Works Director or other persons or persons authorized by the Town Board shall be empowered to inspect and /or issue citations through the power of this ordinance

27. **SEVERABILITY:** In the event that any section or sections herein be ruled unconstitutional by any competent, such determination shall not affect the validity or effectiveness of the other sections of this ordinance and the remainder of said ordinance shall remain in full force and effect.