

Certification of Approval

All Fire and Aerial Apparatus Access Roads shall conform to the International Fire Code/2000 as adopted by Orange Township Trustees, Sections 501.4, 503.1 thru 503.6 and Appendix D

Fire Apparatus Access Roads

Fire Apparatus Access Roads shall be designed constructed and maintained to support the aerial ladder with an imposed load of 70,000 pounds. The 4 aerial ladder stabilizing jacks must be supported by a pavement surface capable of supporting 90 pounds per square inch under all weather conditions. **982.40 Total Square Inches, (2 at 240 and 2 at 302.4)** If the proposed pavement surface will be hard-packed aggregate base, the Professional Engineer shall base his/her calculations on the base material and not on the final pavement design.

Timing of Installation

Before any above ground construction all plan approved Fire Apparatus Access Roads shall be in place. For **Residential** subdivisions construction, the minimum surface shall be final lift of asphaltic concrete. For **Multi-family** the base coat of asphaltic concrete shall be in place. For **all other construction**, the minimum surface shall be hard-packed aggregate base, asphaltic concrete, or concrete, at the owners discretion. In all cases, the minimum surface shall be suitable under all weather conditions.

In addition, damage to EMS, fire or aerial apparatus due to inferior access road design, or construction methods, shall be come the joint and several liabilities of the owner, professional engineer, and the installing contractor, signing off on the on the fire and / or aerial apparatus access roads.

_____ a professional engineer, of

Signature

_____ That the access road has been (**PROFESSIONAL ENGINEER AREA**)

Company Representing

Designed and Calculated for the specifications listed above.

_____ date _____

Print name

_____ for the contractor, of

Signature

_____ That the access road has been (**INSTALLING CONTRACTOR AREA**)

Contractors company name

Constructed per the approved professionally engineered and approved drawings

_____ date _____

Print name

_____ for the owner, of

Signature

_____ that all Fire Apparatus (**OWNERS AREA**)

Company Name

Access Roads, and shall maintain the design and calculations, throughout construction

_____ date _____

Print Name

This Certification of Approval shall be returned to the code official prior to any above ground construction.

Code official receiving letter. _____ Date _____