

**ROADWAY DESIGN AND CONSTRUCTION STANDARDS
OF
ADAMS COUNTY, OHIO**

PRESENTATION DRAFT – JULY 11, 2016

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ARTICLE 1

General Provisions and Administration

100 Title

These rules, regulations and standards shall be officially known as the “Roadway Design and Construction Standards of Adams County, Ohio,” and shall be hereinafter referred to as “these regulations”.

101 Purpose

These regulations are adopted as minimum requirements for the control of new County and Township roadway construction within the unincorporated area of Adams County. These regulations are intended to:

- a. Establish standards for logical, sound, and economical development.
- b. To provide for the proper arrangement of streets and highways in relation to those existing or planned.
- c. To provide for the public health, safety, and welfare and for the orderly expansion and extension of community services and facilities at minimum cost and maximum convenience.
- d. To improve quality of life through the protection of the environment, prevention of soil erosion, and preservation of natural beauty and topography.

102 Authority

The Ohio Revised Code, Section 711.101, enables the Board of County Commissioners to adopt regulations governing the establishment and construction of roadways and require in lieu of actual construction a performance agreement and the furnishing of a performance bond or other guarantee or security for the purpose of assuring the installation of such improvement is completed.

The Ohio Revised Code, Section 711.091, establishes the County Engineer as construction inspector for these improvements.

103 Jurisdiction

These regulations shall be applicable when land improvement for residential, commercial, or industrial sites involves the establishment of an easement for access from an existing roadway and being intended for the opening or extension of any public or private roadway.

104 Amendments

The County Commissioners may amend, supplement or change these regulations in accordance with the appropriate sections of the Ohio Revised Code.

105 Relation to Other Laws

The provision of these regulations shall supplement the laws of the State of Ohio, other resolutions adopted by the Board of County Commissioners or Township Trustees, or the rules and regulations promulgated by authority of such law or resolution relating to the purpose and scope of these regulations.

Whenever the requirements of these regulations are at variance with the requirements of other lawful adopted rules, regulations, or resolutions, the most restrictive or that imposing the highest standard shall govern. These regulations shall be interpreted as minimum requirements.

106 Validity and Severability

If, for any reason, any clause, provision or portion of these regulations shall be held invalid or unconstitutional by a court of competent jurisdiction, such decision shall not affect the validity or legality of these regulations as a whole or any part thereof, other than the part so held to be invalid. These regulations shall not abate any legal action pending under prior regulations and shall not interfere with other applicable laws and regulations or with deed restrictions.

107 Saving Provision

These regulations shall not be construed as abating any action now pending under, or by virtue of, prior existing regulations, or as discontinuing, abating, modifying, or altering any penalty accruing or about to accrue or as affecting the liability of any person, firm or corporation, or as waiving any right of the county under any section or provision existing at the time of adoption of these regulations, or as vacating or annulling any rights adopted by any person, firm, or corporation by lawful action of the county except as shall be expressly provided for in these regulations.

108 Administrator

The County Engineer, assisted by other government agencies, legal counsel, and through other advice as may be solicited, shall administer these regulations. Discretionary, conflicting, or disputed aspects of these regulations shall be interpreted by the Engineer or other individual designated.

109 Construction Plans - Review and Approval

No new roadway design plan shall be approved until the requirements of these regulations have been met and certification thereof has been endorsed upon the plans by the appropriate reviewing authority.

Prior to the beginning of construction for a newly proposed Township or County Roadway, three (3) sets of roadway design plans, any applicable bridge design plans and right-of-way dedication plat shall be submitted to the Adams County Engineer. The County Engineer shall review the roadway design plans and bridge design plans to assure compliance and shall either approve or reject, specifying the reason for rejection. The County Engineer may establish contact with the Developer's engineer to resolve questions which may arise. Upon approval of the County Engineer; the Board of County Commissioners, shall approve and accept the construction plans and enter into a Performance Guarantee Contract with the Developer. A copy of the Performance Guarantee Contract along with supporting Performance Bond documentation shall be filed with the Office of the Adams County Recorder.

A final set of "as-built" roadway plans and applicable bridge plans shall be submitted to the County Engineer upon completion and approval of their construction and prior to acceptance of the roadway dedication plat by the Board of County Commissioners. These plans will be maintained by the Office of the County Engineer.

110 Right-of-Way Dedication Plat – Review and Approval

A final right-of-way dedication plat shall be prepared and submitted should any right-of-way change been required during construction of the roadway. The County Engineer shall review the plat for compliance with Ohio Administrative Code - Section 4733-37, final "as-built" plans and these regulations. All right-of-way monumentation, in accordance with Ohio Administrative Code - Section 4733-37-3, shall be in place prior to approval by the Commissioners.

Upon completion of construction and final inspection and approval of the work by the County Engineer, the Board of County Commissioners shall approve and accept the right-of-way dedication plat thereby accepting the roadway for public use. The County Engineer will submit the plat and description to The Ohio Department of Transportation – Office of Technical Services to cause the roadway to be placed upon the Road Inventory System for Adams County or Township.

111 Plan and Plat Requirements

Roadway and Bridge Design

All roadway design plans and bridge design plans shall be ANSI D - twenty-two inches by thirty four inches (22" x 34") in size and shall be clearly and legibly drawn. The scale for the plan, profile and cross-section sheets on roadway design drawings shall be one hundred (100) feet to the inch – horizontal and ten (10) feet to the inch - vertical, inclusively. The scale for roadway design detail sheets and for the plan, profile, section and detail sheets for bridge design drawings shall be specifically noted.

The roadway design plans and bridge design plans shall contain the following minimum information:

1. Name of project, street/e-mail address, and phone number of owner, developer, and professional engineer including number and seal.
2. Dates of design plans including revisions, scales, north point, legend, vicinity map (not less than 1" = 2000'), impacted property parcel numbers.

3. Location of the proposed roadway(s) including the distance from existing public roadways intersection or a County Survey Control Monument; delineated in plan, including radii and functions of curves, centerline length, right-of-way widths, proposed bridge or culvert locations and intersections.
4. Cross sections and centerline profiles identifying the existing and final grade for each proposed roadway.
5. Topographic contours (2' for flat slopes of 5% or less, 5' for slopes of >5% up to 15%, and 10' for slopes > 15%) shall be shown for a distance of 150 feet beyond right-of-way.
6. Location, name, road surface width and right-of-way width of existing public roadways being intersected..
7. Location and type of existing improvements on the land including railroad and utility easements intersecting or being within the new roadway right-of-way.
8. Location of cemeteries, historical or archaeological sites, floodways, floodplains, exceptional topography, wooded areas, water courses, drainage patterns, water bodies or potentially hazardous or environmentally sensitive areas within 150 feet of the proposed right-of-way dedication.
9. Drawing of present and proposed grades and facilities for storm water drainage in cases where natural drainage is altered.
10. Other information deemed necessary or prudent to promote the public health, safety and welfare.

Bridge design plans shall include all pertinent information incorporated from the roadway design plans and all plan, section, and profile drawing sheets necessary for the proper construction of the structure. The plans shall include load carrying capacity calculations in accordance with Section 208 of these regulations.

The following signature blocks shall be placed on the cover sheet of roadway and bridge design plans:

APPROVED _____ **Date** _____
Adams County Engineer

APPROVED _____ **Date** _____
Adams County Commissioner

_____ **Date** _____
Adams County Commissioner

_____ **Date** _____
Adams County Commissioner

ATTEST: _____
Clerk, Board of County Commissioners

Right-of-Way Dedication Plat

The right-of-way dedication plat shall be shall be ANSI B - eleven inches by seventeen inches (11" x 17") or ANSI C – seventeen inches by twenty two inches (17" x 22") in size and shall be clearly and legibly drawn. The scale of the drawing shall be not less than four hundred (400) feet to the inch. The plat and accompanying description shall be in accordance with Ohio Administrative Code - Sections 4733-37-05 & 06, respectfully. The plat shall show the centerline route and width of the roadway within the right-of-way boundaries. The plat shall also identify any existing or proposed utility easements outside or intersecting the right-of-way.

The following statements, or similar appropriate statements, and signature blocks shall be included on the cover sheet of right-of-way dedication plat:

OWNERS CONSENT AND DEDICATION

We the undersigned, being all owners of the lands herein platted do hereby voluntarily consent to the execution of this plat and do dedicate the roadways as shown hereon to the public use forever.

This easement and any other easements shown on this plat, unless designated for a specific purpose, are for the construction, operation, maintenance, repair, replacement, or removal of water, sewer, gas, electric, telephone, cable television, internet or other utility lines or services, storm water disposal and for the express privilege of cutting, trimming, or removing any and all trees or other obstructions within said easement, or immediately adjacent thereto, to the free use of said easements or adjacent roadways and for providing ingress and egress to the property for said purposes and are to be maintained as such forever. No buildings or structures may be built within said easements, nor may the easement area be physically altered so as to (1) reduce clearances for either overhead or underground facilities,; (2) impair the land support of said facilities; (3) impair ability to maintain the facilities; or (4) create a hazard.

The above public utility easements are for the benefit of all public utility service providers including, but not limited to (list all applicable public utility service providers in sentence form).

(Signature of owner(s), date signed and two witnesses for each signature required)

CERTIFICATE OF NOTARY PUBLIC

State of Ohio, SS

Be it remembered that on this ____ day of _____, 20 ____ before me the undersigned, a Notary Public in and for the State, personally came _____, (and _____), who acknowledged the signing and execution of the foregoing plat to be their voluntary act and deed.

In testimony whereof, I have set my hand and Notary Seal on the day and date above written.

(Signature) _____

(Print Name here) _____

NOTARY PUBLIC
State of Ohio
My commission expires _____

ENGINEER APPROVAL

I hereby approve this plat for transfer on this ____ day of _____, 20 ____.

_____ Date _____

Adams County Engineer

ACCEPTANCE OF DEDICATION

Be it resolved by the Board of Adams County Commissioners, that the dedications shown on this plat are hereby approved and accepted this ____ day of _____, 20 ____.

_____ Date _____

Adams County Commissioner

_____ Date _____

Adams County Commissioner

_____ Date _____

Adams County Commissioner

ATTEST: _____
Clerk, Board of County Commissioners

112 Variances

Where, due to exceptional topography or other physical conditions, it is determined that extraordinary and unnecessary hardship may result from strict application of these regulations, or the purpose of

these regulations may be served to a greater extent by an alternative proposal, approval of variances, exceptions, and waivers of conditions, provided that they will not be detrimental to the public health, safety or welfare or injurious to other properties may be made. A written variance request may be submitted with the Roadway Development Application. Variances shall only be approved by the Board of County Commissioners as may be recommended by the County Engineer.

An application for relief may be denied if a developer requests it merely for their own convenience, such as when site is not useable due to error or poor assumptions on developer's part or when the only supporting evidence is that compliance would add significant cost.

113 Revisions after Approval

No change, modification, or revision shall be made in the plans after approval has been given and endorsed in writing on the plans, unless plans are resubmitted.

114 Performance Guarantee Contract and Bond

Prior to completion of roadway construction, the Developer shall insure the completion with a performance guarantee acceptable to the Board of Adams County Commissioners. The Performance Contract shall be delivered in the form outlined in Appendix "B". To guarantee the construction and/or maintenance of the roadway prior to approval of the plat, the Developer shall be required to provide a Performance Bond with the Performance Contract on a form as outlined in Appendix "C".

All required improvements shall be made by the developer, at his or her expense, and cost estimates for various materials and labor shall be provided by a professional engineer licensed in the State of Ohio. The construction period, unless extended, shall not exceed five (5) years. Prior to the end of the five year period, the Developer may submit a request in writing for a one (1) year only extension of the Performance Contract. This request shall include a list of unfinished work items remaining to be completed and a realistic time schedule for completion of the work. The request will be reviewed by the Adams County Engineer, who will recommend approval, conditional approval, or disapproval to the Board of Commissioners which shall have final authority. If the request is not approved, or if conditionally approved, all or portions of the performance bond may be forfeited and used for repair and completion of the remaining portions of the improvement. Developer may be required to furnish additional bond to insure satisfactory completion of the improvement.

In case the Developer fails to complete the required improvement work within such timeframe as required by the conditions or guarantees of the contract, the Board of Adams County Commissioners may proceed to have such work completed and reimburse itself for the cost thereof by taking the necessary steps to require performance by the bonding company.

The Performance Bond shall remain in force until all improvements have been completed, inspected and approved by the County Engineer and the right-of-way dedication plat accepted by the Board of County Commissioners. The Performance Bond may then be released upon written request of the Developer.

115 Construction Inspection

The Developer shall coordinate with the County Engineer or other appropriate agency to provide for inspection of the roadway improvements during construction and ensure their satisfactory completion. The Developer shall pay an inspection fee to, and shall notify the County Engineer/Inspector at least twenty-four (24) hours before each phase of the improvement is ready for inspection.

Inspection phases will be determined as based upon the complexity of the construction work. The Developer shall provide all material documentation and testing reports as requested by the County Engineer.

If, in the opinion of the inspector, installations are improper or inadequate, the inspector shall issue a stop work order. The Developer may appeal the inspector's findings to the County Engineer within forty-eight (48) hours. Failure to comply with the inspector or County Engineer's directive, will be deemed a violation of these regulations subject to not allowing approval and acceptance of the right-of-way dedication plat.

Upon completion and acceptance of the roadway construction by the County Engineer, the Developer may submit to the Board of County Commissioners a written request to release the performance bond. This request shall include a sworn statement that all bills and financial obligations incurred have been fully paid.

116 Fees

The Board of County Commissioners shall establish a schedule of fees, charges, expenses and collection procedures for administering of these regulations and for inspection services. The fee schedule shall be posted in the office of the Board of County Commissioners, County Engineer and Tax Map Department. Until all fees, charges and expenses have been paid in full, no action shall be taken on any application or appeal.

117 Appeal

Any person who believes that they have been aggrieved by these regulations or the actions of the approving authority has all rights to appeal in accordance with the Ohio Revised Code.

ARTICLE 2

Roadway Design and Construction Standards

200 General

No newly created easement shall be established as a public roadway unless it conforms to Ohio Revised Code, Section 5553.02 and is in compliance with these regulations. All roadways shall be constructed within right-of-way dedicated for road purposes in accordance with Ohio Revised Code, Section 5553.31. The dedicated right-of-way shall be free and clear of all liens and encumbrances.

These regulations shall control the manner in which new County and Township roadway systems in Adams County are arranged on the land to permit the safe, efficient, and orderly movement of traffic; to meet, but not exceed, the needs of the present and future population; to have a simple and logical pattern; to respect natural features and topography; and to present an attractive streetscape. The design standards presented in this document are considered minimum and are subject to change where deemed necessary.

Roadways shall be designed by an Ohio Registered Profession Engineer. All materials and construction procedures shall be in accordance with the current Construction and Material Specifications of the State of Ohio Department of Transportation or those specifically identified in this document. A roadway dedication plat and written legal description shall be prepared by a registered profession surveyor in accordance with Ohio Administrative Code 4733.

Commercial or Industrial access drives being proposed as a County or Township roadway shall be designed and constructed in accordance with the current standards for the type of development being planned.

201 Roadway Name

Names of new roadways shall not duplicate or nearly duplicate those of existing or platted roadways, irrespective of the use of the suffix "street", "avenue", "circle", "boulevard", "drive", etc.. The roadway name shall be displayed at each roadway intersection with street signs of the type established by the county. When a new roadway is a direct extension of an existing roadway, the name shall remain the same. Developer is responsible for the cost of purchasing and installing all signage.

202 Rights-of-Way

The right-of-way shall be of sufficient width to include all grade improvements including pavement width, berm/curb, shoulders, sidewalks, utilities, ditch lines and side cut/fill slopes. The minimum right-of-way width for a County or Township roadway is 60 feet. The right-of-way of a new roadway that is a continuation of an existing roadway shall in no case be continued at a width less than that of the existing roadway. All utilities shall be uniquely placed within the right-of-way; outside the limits of the roadway pavement and the berm/curb in accordance with the requirements of the utility supplier.

203 Horizontal and Vertical Alignment

Sight conditions shall be such that a minimum stopping sight distance of 200 feet is provided in all horizontal and vertical alignments.

Horizontal curves shall have a minimum centerline radius of 250 feet for a Township Road and 350 feet for a County Road. A minimum tangent distance of 100 feet shall be provided between reverse curves.

Changes in grade shall be connected by vertical curves. Vertical grade shall be no more than 8% and no more than 5% within 100 feet of an intersection.

204 Cuts and Fills

Cut and/or fill slopes shall be designed, constructed and maintained in a manner that will maximize stability and minimize erosion. Cut and fill shall be constructed beyond the required roadway shoulder width. Slope design shall be as flat as possible with no slope being greater than 2 to 1. All fill underlying the roadway shall be compacted to a density of 90 per cent or greater. In some soil conditions the County Engineer may require the fill material to be tested and inspected by a responsible testing company.

Retaining walls may be required whenever topographic conditions warrant or where necessary to retain cut or fill slopes. Such improvements shall be designed by a registered professional engineer and approved by the County Engineer.

205 Intersections

Proposed County or Township roadways which intersect with a State Highway must have the intersection approved through The Ohio Department of Transportation in accordance with ODOT Access Management requirements. Proof of such permit shall be included with the final design plans.

Proposed County and Township roadways shall be designed and constructed to connect with existing roadways so as to cause the least possible interference with traffic movement on the existing roadways.

Roadways for industrial complexes shall be designed and constructed to exclusively serve the industrial area and shall connect with main roadways such that no industrial traffic is directed into residential streets.

The minimum angle of intersection with new and existing roadways shall be no less than 80 degrees. The minimum curb radius for intersecting roadways shall be 40 feet. Multiple intersections involving junctions of more than 2 roadways shall not be permitted. The minimum centerline offset of adjacent intersections shall be 150 feet.

206 Roadway

The construction of a residential Township roadway shall be based upon the type of surface construction of the existing public roadway being intersected and where no specific plan, within two (2) years of approval of the new roadway, exists for upgrading said public road surface.

When the existing public roadway is constructed with an asphalt surface the new residential roadway shall be constructed utilizing a bituminous asphalt surface, a “full-depth” asphalt pavement or a Portland cement concrete pavement. When the existing public roadway is constructed with a chip seal surface the new residential roadway shall be constructed utilizing “double” chip seal for the surface. When the existing public roadway is constructed with a gravel surface the new residential roadway shall be constructed utilizing “single” chip seal for the surface.

County and non-residential Township roadways shall be constructed utilizing a bituminous asphalt surface, a “full-depth” asphalt pavement or a Portland cement concrete pavement.

Width

The minimum width for a residential Township roadway shall be 22 feet when a chip seal surface is utilized and no berm or curb is installed. The minimum width for a residential Township roadway may be reduced to 20 feet when the surface is asphalt or Portland cement concrete; and, a 2 foot width aggregate or asphalt berm or a concrete curb and gutter system is constructed on both sides of the pavement. The minimum shoulder width for a residential Township roadway (area between pavement and any side slopes or ditch lines) shall be 4 feet.

The minimum width for a County or non-residential Township roadway is 20 feet. A 2 foot width aggregate or asphalt berm or a concrete curb and gutter system shall be constructed on both sides of the pavement. The total shoulder width for a County or non-residential Township roadway (area between pavement and any side slopes or ditch lines) shall be 6 feet.

Subgrade/Sub-base

All topsoil shall be removed within the construction width of the roadway pavement and curb or berm.

The subgrade for all roadways shall be free of sod, vegetation or organic matter, soft clay and objectionable materials for a depth of 1 ½ feet below finish surface. The subgrade shall be properly rolled, shaped and compacted in accordance with ODOT Construction and Material Specifications. Soft areas shall be removed and replaced with suitable material. Backfill over sewers, culverts, and any underground utility shall meet ODOT Construction and Material Specifications. Sub-base grade tolerance shall be no more than one (1) inch in sixteen (16) feet. Approval of sub-grade must be obtained from the County Engineer prior to application of the base course.

Bituminous Asphalt Surface

Base Course: The base course for a residential Township roadway shall consist of a minimum 8” compacted depth of #304 stone. The base course for a County or non-residential Township roadway

shall consist of a minimum 6" compacted depth of #304 stone and a minimum 3" compacted depth of #301 base asphaltic concrete.

Surface Course: The surface course for a County and for a residential or non-residential Township roadway shall be a 2" compacted depth of #448 - Type I surface asphalt concrete.

Chip Seal Surface

The base course shall consist of a minimum 8" compacted depth of #304 stone. The 304 stone base will have a MC – 70 prime coat applied at a rate of 0.30 gallons per square yard.

The single and double chip seal surfacing materials and installation shall be in accordance with Section 422 – Chip Seal of the current Ohio Department of Transportation Construction and Material Specifications manual.

Full Depth Asphalt Pavement

The minimum thickness for a residential Township roadway utilizing full depth asphalt shall be 6 inches consisting of 4" of 301base asphalt and 2" of 448 - Type I surface asphalt. The minimum thickness for a County or non-residential Township roadway utilizing full depth asphalt shall be 9 inches consisting of 5" of 301 base asphalt, 2" of 448 – Type II intermediate course asphalt and 2" of 448 - Type I surface asphalt.

Portland Cement Concrete Pavement

Portland cement concrete pavement shall be constructed with all necessary steel reinforcement and expansion joints. The minimum thickness for a residential Township roadway utilizing Portland cement concrete shall be 6 inches. The minimum thickness for a County or non-residential Township roadway utilizing Portland cement concrete shall be 8 inches.

Dead End Road / Cul-de-Sac

A County roadway shall not be permanently dead ended.

Cul-de-Sacs are required whenever a Township roadway is intended to be permanently dead ended. The maximum length of a cul-de-sac is 1000 feet as measured to the center of radius of the turnaround. A cul-de-sac may exceed 1000 feet when an intermediate turnaround is provided depending upon the number of residential lots served by the roadway. The right-of-way radius shall be a minimum of 50 feet. The pavement radius shall be a minimum of 30 feet.

207 Drainage and Storm Drains

Open ditch construction is the preferred method for County and Township roadside drainage. Ditch lines shall be constructed beyond the required roadway shoulder width and shall have a minimum depth

of 2 feet below the edge of pavement and a minimum depth of 1 foot at top of hill and toe of bank. All ditch lines shall be protected against erosion. An erosion control mat shall be used in ditch lines up to a 2.5% grade. Sod or Rip-Rap shall be used in the bottom and sides of ditch lines up to 5%, and tiled or paved in ditch lines over 5%.

If an adequate public storm sewer is available along the existing public roadway being intersected, the developer shall construct and connect with such storm sewer line. The storm drain system shall include all necessary facilities including underground piping, inlets, catch basins, and open drainage ditches to provide for adequate disposal of subsurface and surface water and maintenance of natural drainage courses. The storm water system shall be designed to collect, transmit and distribute runoff created by a minimum 50 year rainfall event. Discharge from the storm water system shall not create an increase in rate or volume for existing and natural downstream drainage system.

208 Culverts and Bridges

Where a natural or man-made drainage channel intersects any road right-of-way, the developer shall be responsible to have a satisfactory bridge structure or culvert constructed. Drainage structures shall also be constructed under intersecting roads, drives, lanes or property entrances and at any other location as required by the County Engineer. All intersecting roads, drives, lanes or property entrances shall be designed so as to direct rainfall runoff into ditches or a gutter system and not into an existing roadway surface.

Bridge

A bridge structure is defined as any structure having a clear span equal to or greater than ten (10) feet in length.

Bridges structures shall be designed by an Ohio Registered Profession Engineer in accordance with AASHTO LRFD Bridge Design Specifications and the Ohio Department of Transportation Bridge Design Manual. The bridge design plans shall be reviewed and approved by the County Engineer. A separate set of "stamped" design/construction plans shall be submitted with the roadway design plans. A load carrying capacity calculation shall be completed for each bridge structure in accordance with AASHTO Manual for Bridge Evaluation (MBE) as referenced by the National Bridge Inspection Standards NBIS Reference: 23 CFR 650.313(c). The load carrying capacity calculations are to be submitted with the bridge design plans. The bridge design shall provide a minimum load carrying capacity of 150% of the current Ohio legal load limits. A bridge structure shall be capable of passing a minimum 100 year storm event without overtopping. The minimum roadway width of a bridge structure shall not be less than 24 feet for a residential Township roadway and no less than 28 feet for all other County and Township roadways.

Culvert

Culvert materials may include metal, plastic or concrete. Corrugated metal culverts shall have a minimum 14 gauge wall thickness. Plastic culverts shall have a smooth interior surface and be double wall. Concrete culverts shall be in accordance with current ODOT design requirements. The cover over

the culvert and its load capacity shall be determined by a registered professional engineer and approved by the County Engineer when the depth of fill is greater than 2 feet or when the span of the culvert(s) is greater than or equal to 10 feet. All culverts shall be designed to pass a minimum 25 year storm event without overtopping.

The minimum roadway culvert diameter shall be 12 inches. The roadway culvert length shall be no less than 30 feet or that length necessary to accommodate the design roadway embankment slopes. Driveway culverts shall be a minimum diameter of 12 inches and minimum length of 30 feet. Culverts shall be laid so as to maintain the flow line of new or existing ditches and gutters. Culvert ends shall be protected by concrete headwalls or other suitable erosion control material.

ARTICLE 3
Enactment

These regulations shall become effective from and after the date of their approval, adoption, or amendment by the Board of Adams County Commissioners after public hearing on _____ and _____ and certification to the County Recorder. Henceforth, any other related regulations previously adopted by Adams County shall be deemed to be repealed.

Passed this _____ day of _____, 20____.

By The Board of Adams County Commissioners

SIGNED:

Brian Baldrige

Stephen Caraway

Paul Worley

ATTEST:

Becky Brodt, Clerk

APPLICATION FOR ROADWAY DESIGN REVIEW ADAMS COUNTY, OHIO

_____ PRELIMINARY PLAN _____ FINAL PLAN

GENERAL INFORMATION:

OWNER: _____

ADDRESS: _____

PHONE: _____

APPLICANT: _____

ADDRESS: _____

PHONE: _____

ENGINEER: _____

ADDRESS: _____

PHONE: _____

DEVELOPMENT DATA:

LOCATION: Parcel Number(s) _____

Intersecting Public Roadways _____

Township(s) _____

PROPOSED USE: _____ Residential _____ Commercial/Industrial

PROPOSED NAME OF ROADWAY: _____

PROPOSED LENGTH OF ROADWAY: _____

_____ INTERNAL USE _____

Date Received _____ *By:* _____ *File Number:* _____

Date Distributed to County Engineer: _____

Comments: _____

PERFORMANCE GUARANTEE CONTRACT

This contract executed on this _____ day of _____, 20 ____, by and between _____, [Developer(s)] as evidenced by a set of Roadway Design Plans which are on file in the office of the Adams County Engineer, referred to as _____ [Roadway(s)] and the Board of County Commissioners of Adams County, Ohio.

WITNESSETH:

1. The Developer(s) herein above set forth is/are the owner(s) in fee simple of the real estate identified on the Adams County Tax Maps as Parcel(s): Number _____, _____, situated in _____ Township, Adams County, Ohio.

2. It is the purpose and intent of this agreement to have the Developer(s) agree in writing to the performance and completion of the proposed _____ [Roadway(s)]. It is the further purpose of this agreement to enter into a contract obligating the Developer(s) to perform said work as hereinafter to be secured by a performance bond

NOW, THEREFORE, IT IS AGREED:

A. Developer(s) as hereinbefore described, do(es) herewith agree to construct _____ Roadway(s) as shown on the approved Roadway Design Plans on file in the office of the Adams County Engineer.

B. Developer(s) agree(s) that all work shall be performed and completed in accordance with the Roadway Design and Construction Standards of Adams County and done pursuant to inspections by the Adams County Engineer.

C. Developer(s) further agree(s) that all work shall be completed within five (5) years from the date of signing of this agreement, or as may be extended by written request of the Developer(s) and approval by the Adams County Commissioners.

D. Developer(s) further agree(s) that all required right-of way shall be dedicated for roadway purposes to Adams County, free and clear of all encumbrances and liens, in accordance with Ohio Revised Code Section 5553.31 and all required monumentation set in accordance with Ohio Administrative Code 4733-37-03.

E. Developer(s) do(es) herewith and hereby agree to execute a Bond in the sum of:

Appendix B

_____, (_____),
Amount is shown in word and figures. In case of discrepancy, the amount shown in word shall govern.

which amount is equal to the figure established by the Developer's Professional Engineer estimated cost for all labor and materials required, and which shall be to the satisfaction of and in favor of the Board of County Commissioners of Adams County, Ohio, to ensure the faithful performance of this contract.

IN WITNESS THEREOF, the parties hereunto have set their hands this _____ day of _____, 20 _____.

By:

Developer

witness: _____

Developer

witness: _____

Developer

witness: _____

Commissioner

Commissioner

witness: _____

Commissioner

Clerk, Board of Adams County Commissioners

PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS that _____,
as Principal, and _____, as Surety, are held and
firmly bond unto the Board of County Commissioners, Adams County, Ohio, as Obligee, in the sum of:
_____, Dollars (\$ _____)

lawful money of the United States for the payment of which, well and truly be made, we bind
ourselves, our heirs, executors, successors, and assigns, jointly and severally, firmly by these
presents,

SEALED with our seals and dated this _____ day of _____, 20 ____.

WHEREAS, the principal has entered into a "Performance Guarantee Contract" with the Obligee
to construct _____ Roadway(s)
in Adams County, Ohio, as more particularly set forth in said Contract.

NOW, THEREFORE, if the said Principal, herein before set forth, shall fully and faithfully perform
all the work and procedures specified to be done and performed by said Contract executed
between said Principal of this bond and the Board of County Commissioners, Adams County,
Ohio, in accordance with said Contract, which Contract is made a part hereof by reference, the
same as if fully incorporated herein; then this obligation shall be void and of no further legal
effect; otherwise, this bond shall remain in full force and effect in law; it being expressly
understood and agreed that the liability of the Surety for any and all claims hereunder, shall in
no event exceed the penal amount of this obligation, as herein stated to be the sum of:

_____, Dollars (\$ _____) and no more.

By: _____
Principal

By: _____
Surety

ROADWAY DESIGN REVIEW AND CONSTRUCTION INSPECTION FEES

Plan Review Fees

| | |
|-------------------|--------------------|
| Initial Submittal | \$500.00 |
| Revised Submittal | \$200.00 each time |

Inspection Fees (Residential Township Roadway)

| | |
|---|------------|
| Minor Roadway (< 1000 lineal feet) | \$1,000.00 |
| Secondary Roadway (1001 lineal feet to 3000 lineal feet) | \$2,000.00 |
| Primary Roadway (3001 lineal feet to 5280 lineal feet) | \$3,000.00 |
| For each additional 1 mile or fraction thereof. | \$3,000.00 |

Inspection Fees (County or Non-Residential Township Roadway)

| | |
|---|------------|
| Minor Roadway (< 1000 lineal feet) | \$1,500.00 |
| Primary Roadway (1001 lineal feet to 2640 lineal feet) | \$5,000.00 |
| For each additional 1/2 mile or fraction thereof. | \$5,000.00 |

NOTE: All checks are to be made payable to: **Adams County Treasurer**

Adoption of Fee Schedule

These fees shall become effective from and after the date of their approval and adoption, or as amended by the Board of Adams County Commissioners and certification to the County Recorder. Henceforth, any other related fees previously adopted by Adams County shall be deemed to be repealed.

Passed this _____ day of _____, 20____.

By The Board of Adams County Commissioners

SIGNED:

Brian Baldrige

Stephen Caraway

Paul Worley

ATTEST:

Becky Brodt, Clerk