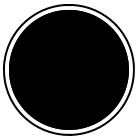


City of Franklin

Subdivision Control Ordinance



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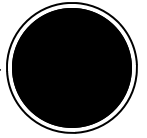
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Article 1

Basic Provisions

1

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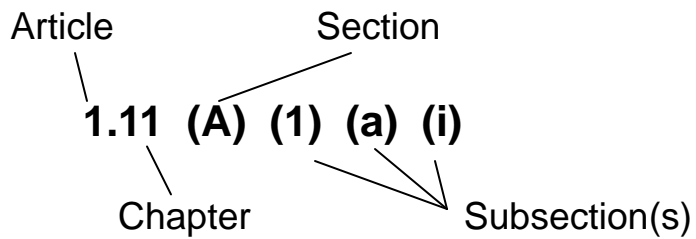
1.1 Title & Document Format

- A. **Title:** This Ordinance shall be formally know as the “City of Franklin Subdivision Control Ordinance,” and it may be cited and referred to as the “Subdivision Regulations” or “Subdivision Control Ordinance”. This document refers to itself as “this Ordinance”.
- B. **Defined Words:** Words used in a special sense in this Ordinance are defined in Article 7, Definitions. All other words shall have the meaning inferred from their context in this Ordinance or their ordinarily accepted definitions.
- C. **Meanings:** The following rules of construction shall apply to the text of this Ordinance:
1. The particular and specific provisions of this Ordinance shall supersede any general requirements that are established.
 2. The words “shall” and “will” are always mandatory and not discretionary. The word “may” is permissive.
 3. Words used in the present tense include the future; words used in the singular number include the plural; and the plural includes the singular. Words of the masculine gender will include the feminine and the neuter gender will refer to any gender, unless the context plainly indicates the contrary.
 4. A building or structure includes any part thereof.
 5. The phrase “used for” includes arranged for, designed for, intended for, maintained for, or occupied for.
 6. The word person includes an individual, a corporation, a partnership, an incorporated association, or any other similar entity.
 7. Unless it is plainly evident from the context that a different meaning is intended, a regulation which involves 2 or more items, conditions, provisions, or events connected by the conjunction “and, or,” or “either . . . or,” the use of the conjunction is defined as follows:
 - a. “And” means that all the connected items, conditions, provisions, or events apply together and not separately.
 - b. “Or” means that the connected items, conditions, provisions, or events apply separately or in any combination.
 - c. “Either . . . or” means that the connected items, conditions, provisions, or events apply separately but not in combination.
 8. The word “includes” does not limit a term to the specified examples, but is intended to extend the term’s meaning to all other instances or circumstances of like kind or character.
 9. The word “city” means the City of Franklin, Indiana, the word “county” means Johnson County, Indiana, and the word “state” means the State of Indiana.

1.1 Title & Document Format (cont.)

- D. **Format:** The structure of the text of this Ordinance is as follows: Article (indicated by 1, etc.), Chapter (indicated by 1.1, etc.), Section (indicated by A, etc.), and subsequent Subsections (indicated by 1, a, i, etc.)

Document Format



See Also:

*Indiana Code
36-7-4-700 series
(Subdivision
Control Ordinance)*

*Indiana Code 36-7-4-701(C)
(Contiguous Unincorporated
Jurisdiction)*

Note: *The Board of Zoning Appeals does not have the authority to hear or grant requests for waivers of the regulations of this Ordinance, but may grant variances from the requirements of the Zoning Ordinance. The Plan Commission does not have the authority to grant variances from the requirements of the Zoning Ordinance, but may grant waivers of the requirements of this Ordinance.*

1.2 Authority & Purpose

- A. **Authority:** This Subdivision Control Ordinance is adopted by the City of Franklin pursuant to its authority under the laws of the State of Indiana, 36-7-4 et seq., specifically the provisions of the IC 36-7-4-700 series. Whenever codes cited in this Ordinance refer to Indiana Code that has been amended or superseded, this Ordinance shall be deemed amended in reference to the new or revised Code.
- B. **Jurisdiction:** This Ordinance shall apply to all land within the jurisdiction of the City of Franklin Plan Commission and the City of Franklin Board of Public Works & Safety, being all properties and areas incorporated as a part of the City. In no instance shall this Ordinance be interpreted as applying to properties beyond the incorporated limits of the City of Franklin, consistent with IC 36-7-4-701(C).
- C. **Purpose:** The purpose of this Ordinance is to protect and promote public health, safety, and general welfare, and to:
1. Comprehensive Plan: Provide guidance for future growth and development in accordance with the City of Franklin Comprehensive Plan;
 2. Stability: Protect the character and social and economic stability of the area;
 3. Orderly Development: Encourage the orderly development of the City;
 4. Property Values: Protect and conserve the value of land, structures, and other improvements to the land;
 5. Land Use Conflict: Discourage conflicts between the uses of land and structures;
 6. Planned Subdivisions: Avoid scattered and uncontrolled subdivisions of land that would result in the imposition of an excessive expenditure of public funds for the distribution or supply of infrastructure and/or services;
 7. Reasonable Standards & Procedures: Establish reasonable standards and procedures for subdivisions and re-subdivisions, in order to further the orderly layout and use of land;
 8. Recording & Monumenting: Ensure proper legal descriptions, legal recording, and monumenting of subdivided land;
 9. Drainage: Ensure the provision of drainage facilities, the safeguarding of the water table, and protection from flooding;
 10. Natural Resources: Encourage the protection of natural resources in order to preserve the integrity, stability, natural beauty, topography, and the value of land; and
 11. Balance: Plan for a balance between land uses, natural resources, and public infrastructure that is beneficial to the community as a whole, both currently and in the future.

1.3 Interpretation & Application

1

Basic Provisions

A. **Conflicting Requirements:** The provisions of this Ordinance shall be the minimum requirements necessary for the protection of the health, safety, comfort, convenience, and general welfare of the community. The provisions are also designed to establish and maintain reasonable community standards for the physical environment. If two or more provisions of this Ordinance are in conflict, or are inconsistent with one another, then the provision that is most restrictive shall control.

B. **Overlapping Regulations:** When this Ordinance, along with private covenants; private contracts; commitments; permits; agreements; state laws; Federal laws; and/or other regulations apply to a structure or parcel of land, the greater restriction shall control. In no instance shall this Ordinance be interpreted as altering or negating any other applicable regulations.

1. **Public Provisions:** This Ordinance is not intended to interfere with, supercede, or annul any other ordinance, rule, regulation, statute, or other provision of law. Where any provision of this Ordinance imposes restrictions different from those imposed by any other ordinance, rule, regulation, or other provision of law; whichever provisions are more restrictive, or impose higher standards, shall apply.
2. **Private Provisions:** This Ordinance is not intended to supercede any easement, covenant, or any other private agreement or restriction; however, where the provisions of this Ordinance are more restrictive or impose higher standards or regulations than such easement, covenant, or other private agreement or restriction, the requirements of this Ordinance shall control. Where the provisions of the easement, covenant, or private agreement or restriction impose duties and obligations that are more restrictive, or higher standards than the requirement of these regulations, and such private provisions are not inconsistent with this Ordinance, then such private provisions shall be supplemental to this Ordinance. (*Note: Private provisions are only enforced privately, and are not enforced by the City of Franklin.*)

C. **Compliance:** No person shall divide, record, transfer, or sell any parcel of land before the proposed subdivision has been approved in accordance with the processes and provisions of this Ordinance, and filed with the County Recorder, unless otherwise specified by this Ordinance.

D. **General Specifications:** The following general specifications shall apply to all subdivisions:

1. **Public Safety:** Land to be subdivided and developed must be able to be done so without adding peril to public safety, welfare, or health.
2. **Accessibility:** Land shall not be subdivided unless appropriate road access and capacity is demonstrated to be possible.

See Also:

*Indiana Code 32-25 series
(Condominiums)*

*Indiana Code 36-7-4-702(e)
(Condominiums)*

Covenants Note: *Nothing in this Ordinance shall be interpreted as requiring the City of Franklin to enforce private covenants. Nor shall this Ordinance, or any action taken in the administration of this Ordinance (even if contrary to the specifications of private covenants) prevent a party to the covenants from seeking their enforcement through the appropriate legal mechanisms.*

1.3 Interpretation & Application (cont.)

3. Permitted Uses: No land shall be subdivided unless the intended use of the individual lot is in conformance with the City of Franklin Zoning Ordinance.
 4. Historic/Natural Features: In all subdivisions, due regard shall be given to the preservation of historically significant sites and natural features such as large trees, water courses, wetlands, floodways, and scenic views.
 5. Plan Commission Approval: No plat, re-plat, or vacation of a subdivision of land located within the jurisdiction of this Ordinance shall be recorded until it has been approved by the Franklin Plan Commission, and such approval has been certified on the plat by the President and Secretary of the Commission.
 6. Permits: No Improvement Location Permit or Certificate of Occupancy shall be issued for any parcel of land that was created by subdivision after the effective date of, and not in conformity with, the provisions of this Ordinance. No excavation of land or construction of any public or private improvements shall take place except in conformity with the regulations contained in this Ordinance, any other applicable standards adopted by the City of Franklin, and the standards of the local utility providers.
- E. **Subdivision Defined:** The division of any lot for the purpose of sale, transfer, gift, or lease that results in the creation of 1 or more new building sites shall be considered a subdivision and shall be subject to the requirements of this Ordinance. This Ordinance recognizes and regulates 2 types of subdivisions that shall be defined as follows:
1. Minor Subdivisions: Minor subdivisions are those that (1) create 3 or fewer total lots, including any remaining tract, (2) front on an existing street, and (3) do not include the construction of new public improvements. Minor subdivisions include only the upgrade of existing public improvements, such as the construction of sidewalks along an existing street, the dedication of additional street right-of-way, and the extension of utility services to the newly created lots.
 2. Major Subdivisions: Major Subdivisions are those that create more than 3 total lots, including any remaining tract, and/or require the creation of any new public improvements.
- F. **Legal Non-Conforming Subdivisions:** Any parcel that is recorded prior to the effective date of this Ordinance that was officially approved and met all the requirements of the subdivision ordinance in effect at the time of its recording, or is consistent with the provisions of Section 1.4(A) is a legal nonconforming (grandfathered) subdivision.

1.3 Interpretation & Application (cont.)

1

Basic Provisions

- G. **Exemptions:** The following subdivisions of land are exempt from the provisions of this Subdivision Control Ordinance subject to the specifications described for each. All exempt divisions shall be recorded through metes-and-bounds legal descriptions in the office of the Johnson County Recorder.
1. Legal Description Correction: A division of land for the transfer of a tract or tracts to correct errors in an existing legal description, provided that no additional building sites are created, and no additional public improvements are required or created.
 2. Right-of-Way Acquisition: A division of land for the Federal, state, or local government to acquire right-of-way.
 3. Transfer Between Adjoining Property Owners: A division of land for the transfer of a tract or tracts between adjoining lots provided that (a) no additional building sites are created (b) no non-conforming lots are created, and (c) no additional public improvements are required or created by the subdivision.
 4. Condominiums: A division of land for the establishment of condominiums that are regulated by IC 32-25 series (consistent with IC 36-7-4-702(e)).
 5. Cemetery Plots: A division of land for the purpose of identifying spaces for the burial of the deceased.
- H. **Vested Rights:** Vested rights shall accrue to all plats at the time of Primary Plat approval by the Plan Commission.
1. Conditions: All regulations, conditions, and requirements applied to a subdivision by the City of Franklin shall apply to that subdivision throughout the approval process unless otherwise specified.
 2. Consistent Requirements: Requirements and conditions established for a subdivision by the Plan Commission at the time of Primary Plat approval shall not be revised, expanded, or added to at the time of Secondary Plat review.

See Also:

*Indiana Code 36-7-4-701,
(Amendments)*

*Indiana Code 36-7-4-602,
(Amendments)*

*Indiana Code 36-7-4-603,
(Decision Criteria)*

1.4 Adoption & Amendments

A. **Transition Rules:** The following transition rules shall apply to the adoption of this Ordinance:

1. Previously Filed Subdivision Applications: Any subdivision submitted and docketed for a public hearing prior to the adoption of this Ordinance shall be regulated by the terms and conditions of the subdivision control ordinance and zoning ordinance that were in place at the time of its docketing. However, all administrative procedures and penalties shall follow those set forth by this Ordinance. In no instance shall this be interpreted as permitting the future use or development of lots in the subdivision in a manner inconsistent with the zoning ordinance in effect at that time.
2. Previously Filed Permit Applications: Any application for an Improvement Location Permit that has been filed with the Plan Commission and is complete, prior to the effective date of this Ordinance, shall be regulated by the terms and conditions of the subdivision control ordinance that was in place at the time of filing. However, all administrative procedures and penalties shall follow those set forth by this Ordinance.
3. New Building Sites: All new building sites shall meet the requirements of this Ordinance unless:
 - a. An Improvement Location Permit for the site has been issued and is still valid, or
 - b. A buildable lot was approved by the Plan Commission or the Board of Zoning Appeals prior to the effective date of this Ordinance.
4. Previous Approvals: All Primary Plats regulated by this Ordinance that were approved prior to the effective date of this Ordinance, and not yet executed through either (a) the receipt of an Improvement Location Permit authorizing construction of any phase of the development, or (b) the recording of the Secondary Plat in the office of the Johnson County Recorder, shall expire and become void 1 year following the effective date of this Ordinance. All approvals that expire and/or become void shall comply with all applicable provisions of this Ordinance if re-issued.

B. **Amendments:** The following provisions shall apply to amendments to this Ordinance. Consistent with IC 36-7-4-701, this section provides that this Subdivision Control Ordinance may be amended or repealed in the same manner as the zoning ordinance.

1. Ordinance Text Amendment Process: The Common Council or the Plan Commission may initiate a proposal to amend or partially repeal the text of this Ordinance according to the procedure of IC 36-7-4-602(b) and the adopted Plan Commission Rules and Procedures.

1.4 Adoption & Amendments (cont.)



2. **Decision Criteria:** In the review of the text amendment proposals, the Plan Commission and Common Council shall pay reasonable regard to (consistent with IC 36-7-4-603):
- the most recently adopted Franklin Comprehensive Plan;
 - current conditions and the character of structures and uses in each district;
 - the most desirable use for which the land in each district is adapted;
 - the conservation of property values throughout the jurisdiction;
 - responsible development and growth; and
 - the public health, safety and welfare.
- C. **Repealer:** The City of Franklin, Indiana Subdivision Control Ordinance dated January 12, 1987 and all subsequent amendments are hereby repealed. This City of Franklin, Indiana Subdivision Control Ordinance shall replace the repealed ordinance as of the effective date listed in Section 1.4(F).
- D. **Severability:** If any provision, or the application of any provision, of this Ordinance is held unconstitutional or invalid by the courts, the remainder of the Ordinance, or the application of such provision to other circumstances shall not be affected.
- E. **Saving Provision:** This Ordinance shall not be construed as eliminating or reducing any action now pending under, or by virtue of, an existing law or previous subdivision ordinance. Also, this Ordinance shall not be construed as discontinuing, reducing, modifying, or altering any penalty accruing or about to accrue.
- F. **Effective Date:** This Ordinance shall be in full force and in effect on April 11, 2005. The effective date is based on the passage and notice of adoption as required by law.

This Ordinance was recommended for adoption by the Plan Commission of the City of Franklin, Indiana.

This Ordinance was passed and adopted by the Franklin, Indiana Common Council on April 11, 2005.

Article 2 Administration

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Article Two: AdministrationPage

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2.1 Administration & Enforcement

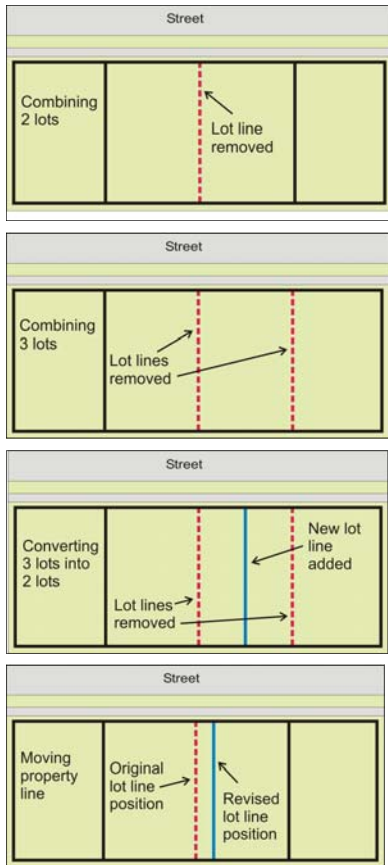
- A. **Administrative Officer:** The administrator of this Ordinance shall be the City of Franklin Planning Director (including any designee(s) of the Planning Director).
1. **Enforcement Authority:** The Planning Director is hereby authorized and directed to enforce and carry out all provisions of this Ordinance both in letter and spirit, pursuant to state statute.
 2. **Delegation Authority:** The Planning Director is hereby empowered to delegate the duties and the powers granted to, and imposed upon, him/her under this Ordinance. As used in this Ordinance, "Planning Director" shall include any authorized representative(s).
- B. **General Administrative Provisions:** The following general administrative provisions shall apply:
1. **Appeals:** Any person aggrieved by a decision of the Plan Commission may present a duly verified petition to a Johnson County court of jurisdiction that (a) asserts that the aggrieving decision is illegal and (b) specifies the grounds for the illegality. The petition shall be submitted to the court within 30 days of the decision that is being appealed.
 2. **Inspection of Improvements:** The subdivider shall comply with the City's requirements and policies for the inspection of improvements, consistent with Chapter 5.5 of this Ordinance.
- C. **Enforcement:** The enforcement of this Ordinance shall be consistent with the following provisions:
1. **Investigation of Suspected Violations:** Suspected violations of the provisions of this Ordinance shall be investigated by the Planning Director consistent with the Enforcement and Penalties provisions of the Franklin Zoning Ordinance.
 2. **Enforcement & Penalties:** The enforcement of any violations of this Ordinance shall be consistent with the provisions for enforcement and penalties established by the Franklin Zoning Ordinance. However, in addition to remedies provided by the Zoning Ordinance, the enforcement of violations of this Ordinance may also include the following alternatives:
 - a. **Permits Withheld:** The Planning Director shall reserve the right to withhold Improvement Location Permits for improvements to and/or structures on lots in a subdivision if the subdivider has failed to (i) comply with the procedures of this Ordinance (ii) properly install, maintain, or otherwise provide for all of the required public improvements, or (iii) conform with any requirement of this Ordinance.

2.1 Administration & Enforcement (cont.)



- b. *Occupancy Withheld:* A permanent Certificate of Occupancy shall not be issued for any lot until (1) any required sidewalks and street trees are installed and (2) the grading and seeding are complete for that lot, or a performance bond is posted to the City of Franklin by the applicant (consistent with Article 5 of this Ordinance) for the installation of the sidewalk.
- c. *Improvements Delayed:* No public board, agency, commission, official, or other authority shall proceed with, or authorize the construction of, any public improvements required for a subdivision until the proposed subdivision has been approved in accordance with this Ordinance. Upon the request of the Planning Director, the installation and/or authorization of improvements shall be delayed until the remedy of any violations present on the property.

Re-plat Exemptions



2.2 Replats & Vacation of Plats

- A. **Replat & Vacation of Plat Procedure:** Any change in an approved or recorded subdivision plat that affects any street layout shown on such plat, creates an additional building site, reduces the size of any lot, alters any right-of-way or easement, or serves to vacate the plat shall generally be reviewed by the Plan Commission by the same procedure and regulations as for the original subdivision plat. The Planning Director shall determine when a re-plat is required, and shall specify which subdivision process (minor or major) is to be followed for each re-plat or vacation based on the definition of major and minor subdivision and the extent of the proposed change.
- B. **Exemptions:** Any change in an approved or recorded subdivision plat that results in only the combination of 2 or more lots, or the division of a lot between adjoining property owners in a manner that does not result in the creation of an additional building site, partial remaining tract, or lot in violation of the provisions of the Zoning Ordinance, shall be exempt from this Ordinance consistent with Section 1.3(G)(3).

2.3 Commercial & Industrial Subdivisions

Policy Statement

It is recognized by this Ordinance that the development of commercial and industrial subdivisions is required, by the nature of such projects, to deviate from the standard procedure used for residential subdivisions. Chapter 2.3 describes the alternate procedure to be used for non-residential subdivisions.

- A. **General Provisions:** If a proposed subdivision includes land that is zoned for commercial or industrial purposes, the layout of the subdivision shall be consistent with the following provisions:
1. Site Development Plan Approval: Any required Site Development Plan approval, as specified by the Zoning Ordinance, and the subdivision approval may proceed simultaneously at the discretion of the Planning Director.
 2. Additional Standards: In addition to the principles and standards provided by these regulations the subdivider shall demonstrate to the satisfaction of the Plan Commission that the subdivision proposed is specifically adapted to the uses anticipated, and takes into account other uses in the area. The following standards shall apply:
 - a. Proposed lots and blocks shall be suitable in area and dimension to the general type of development anticipated.
 - c. Special requirements may be imposed by the Plan Commission with respect to streets, street access, curbs, and sidewalk design and construction.
 - d. Special requirements may be imposed by the Plan Commission with respect to the installation of public utilities, including water, sewer, storm water drainage, and the preprocessing of sewage. Special requirements may also be imposed regarding the storage and disposal of toxic materials.
- B. **Review Emphasis:** In reviewing commercial and industrial subdivisions, the initial emphasis of the Commission shall be on street layout and block arrangement.
- C. **Procedure:** The subdivider shall follow the procedure (minor or major - as appropriate) for subdivisions provided in this Ordinance, but in terms of lot arrangement shall only be required to show 2 defined lots, including the parent tract, and a block layout.
1. The subdivider may prepare a Secondary Plat for only the lots identified, and shall provide subsequent Secondary Plats for additional lots as they become necessary.
 2. All commercial and industrial Primary Plats shall expire 10 years from the date of approval by the Plan Commission.

Note: The Board of Zoning Appeals does not have the authority to hear or grant requests for waivers of the regulations of this Ordinance, but may grant variances from the requirements of the Zoning Ordinance. The Plan Commission does not have the authority to grant variances from the requirements of the Zoning Ordinance, but may grant waivers of the requirements of this Ordinance.

2.4 Waivers of Subdivision Regulations

- A. **General Provisions:** Where the Plan Commission finds that (1) extraordinary hardships or practical difficulties may result from strict compliance with these regulations, or (2) the purposes and intent of these regulations may be served to a greater extent by an alternative proposal, it may grant waivers of the standards set forth in this Ordinance so that substantial justice may be done and the public interest served. No waiver shall be granted in relief of mere inconveniences or financial disadvantages of the subdivider.
- B. **Decision Criteria:** The Plan Commission shall not approve any waivers of the subdivision regulations unless it makes written findings based upon the evidence presented by the petitioner in each specific case, indicating how:
 - 1. Public Welfare: The granting of the waiver will not be detrimental to the public safety, health, and/or welfare;
 - 2. Adjacent Property: The granting of the waiver will not be injurious to the reasonable use and development of other property;
 - 3. Unique Conditions: The conditions upon which the request for the waiver is based are unique to the property for which it is sought and are not applicable generally to other property;
 - 4. Physical Conditions: Because of the particular physical surroundings, shape, or topographical conditions of the specific property involved a hardship to the owner would result if the strict letter of these regulations were carried out; and
 - 5. Comprehensive Plan: The waiver will not contradict the intent of the City of Franklin Comprehensive Plan.
- C. **Public Facility Waiver:** Where the waiver impacts the design, construction, or maintenance of required public improvements, it shall not be granted unless the appropriate public agency has reviewed the proposed development and indicated approval, in writing, to the Plan Commission.
- D. **Conflict of Authority:** No waiver of these Subdivision Regulations shall conflict with the powers and duties of the Board of Zoning Appeals. The Board of Zoning Appeals does not have the authority to hear or grant requests for waivers to the regulations of this Ordinance. The Plan Commission does not have the authority to grant variances of the Zoning Ordinance.
- E. **Procedure:** The procedure for review of waiver requests is as follows:
 - 1. Waiver Requests: At the time of filing a subdivision application, consistent with this Ordinance, the applicant must submit a detailed written statement documenting all waivers requested as part of the application and reasons for the waiver request(s) consistent with the decision criteria outlined in Section 2.4(B). The waiver requests may be modified and added to by the applicant at any time prior to public notice of the subdivision request being provided.

2.4 Waivers of Subdivision Regulations (cont.)



2. Conditions: Waivers may only be granted in a public hearing, and shall be considered at the time of the Primary Plat review by the Commission. The Commission may make reasonable conditions an element of any waiver approval.
3. Recording: The Plan Commission action taken on all waiver requests and the reasons for each action taken shall be recorded in the minutes of the Plan Commission. Conditions imposed by the Commission as part of the waiver approval shall be included in writing on the recorded plat of the subdivision, at the discretion of the Planning Director.

See Also:

*Indiana Code 5-3-1
(Notice of Public Hearings)*

*Plan Commission
Rules & Procedures*

2.5 Notice of Public Hearing

For all public hearings, notice shall be provided consistent with the requirements of this Chapter and the Rules & Procedures of the Plan Commission. Required public notice shall include the following:

- A. **Legal Notice:** The applicant shall prepare and pay for a legal notice consistent with the requirements of IC 5-3-1 for publication in the local newspaper. The legal notice shall appear in the newspaper no less than 1 time at least 10 days prior to the public hearing, not including the date of the hearing. Legal notices shall include each of the following:
 1. Property Location: The general location of the subject property, including its common address and a general legal description,
 2. Available Plans: That the project plans are available for examination at the office of the Franklin Plan Commission,
 3. Hearing Information: That a public hearing will be held, giving the date, place, and hour of the hearing, and
 4. Written Comments: That written comments on the application will be accepted prior to the public hearing and may be submitted to the Planning Director.
- B. **Notice to Interested Parties:** The applicant shall prepare and distribute written notice of the application to all interested parties. In no instances shall streets, alleys, streams, or other features be considered boundaries for precluding notification.
 1. Notice Information: The notice shall contain the same information as the legal notice that is published in the newspaper as outlined in Section 2.5(A).
 2. Responsibility: The distribution and cost of the notice shall be the responsibility of the applicant.
 3. Notification Requirements: The notification of interested parties shall be as specified by the Plan Commission Rules and Procedures.
 5. Notification Certification: A copy of the materials provided to each property owner, the completed mailing and/or delivery forms, and a completed Affidavit of Notice certifying the correctness of the mailing list shall be provided to the Planning Director by the applicant a minimum of 2 business days prior to the date of the public hearing.

2.6 Technical Review Committee

A. **Authority & Approvals:** The authority of the Technical Review Committee and appeals of its decisions shall be as follows:

1. Review Authority: The Technical Review Committee shall have the authority to review Major and Minor Subdivision Primary Plats, forwarding comments to the Plan Commission.
2. Appeal Rights: All decisions of the Technical Review Committee may be appealed to the Plan Commission following the procedure outlined in Section 2.6(F).

B. **Committee Structure:** The Planning Director shall serve as the staff for the Technical Review Committee. He/she shall distribute all appropriate materials and keep all necessary files and meeting records. The organization of the Technical Review Committee shall be as follows:

1. Membership: The Technical Review Committee shall, at a minimum, consist of the following members:
 - a. the Planning Director;
 - b. the City Engineer;
 - c. the Park & Recreation Director or his/her designee;
 - d. the Police Chief or his/her designee;
 - e. the Fire Chief or his/her designee;
 - f. the Street Commissioner or his/her designee;
 - g. the Superintendent of Public Works or his/her designee;
 - h. no more than 5 members of the Plan Commission (appointed by the Plan Commission);
 - i. a representative of the Franklin Community School Corporation;
 - j. a representative of the Johnson County Health Department;
 - k. a representative of each of the local gas, water, cable television, electricity, and telephone utilities; and
 - l. any others deemed necessary by the Planning Director.
2. Attendance: It is expected that members of the Committee shall be present at the time of the scheduled Committee meeting. If Committee members have comments and are unable to attend, they shall submit the comments in writing to the Planning Director prior to the appropriate meeting.
 - a. Each committee member shall only comment on the aspects of each application that directly relate to their area of expertise regarding the applicable adopted standards of the City of Franklin or the entity they are representing.
 - b. If no comments are received from any member of the Committee it shall indicate that individually they have no objection to any aspect of the application.

Intent:

The intent of the Technical Review Committee is to provide a coordinated and thorough review of all proposed subdivisions and to ensure that all applicable requirements are met. By establishing this body, applications can be reviewed by all necessary departments, local agencies, and utility providers at one meeting. Such review helps to identify issues early in the process, and eliminates the need for multiple meetings and individual correspondence between the applicant and each of these departments and agencies.

Note: *The intent of including Plan Commission members on the Technical Review Committee is to ensure continuity throughout the review process. The Plan Commission Members' roles are not to supersede an area of expertise of other Technical Review Committee Members.*

2.6 Technical Review Committee

3. Duties of the Planning Director: The Planning Director shall oversee the operation of the Technical Review Committee and shall make the final determination regarding any specific aspect of a application on which members of the Technical Review Committee disagree.
 - a. In cases of disagreement and at his/her discretion, the Planning Director may forward any application before the Technical Review Committee to the Plan Commission for a determination on the request.
 - b. The Planning Director shall determine the action to be taken on each application by the Committee based on the comments of the Committee members.
4. Continued Applications: All applications which are not approved by the Technical Review Committee and not forwarded to the Plan Commission shall be denied or continued and placed on the agenda for the next appropriate Committee meeting.
 - a. Prior to that meeting the applicant shall address the comments of the Committee, making appropriate modifications to the application materials.
 - b. The applicant shall provide appropriate copies of the revised materials prior to the next Committee meeting based on the adopted Calendar of Meeting and Filing Dates.
 - c. The applicant may withdraw any application following the review of the Committee by submitting a notice of such withdrawal in writing to the Planning Director. Any applications that are withdrawn and are subsequently re-filed shall be considered a new application and shall be subject to all applicable requirements for new applications (including fees) established by this Ordinance.
- C. **Attendance Required:** The applicant and/or any representative of the applicant shall be required to attend all Technical Review Committee meetings at which their application is to be reviewed. If the applicant or their representative is not present, the application shall automatically be continued and placed on the agenda for the next appropriate Committee meeting.
- D. **Meeting Record:** The Planning Director shall make written documentation of the comments and findings of the Technical Review Committee for each application and make those findings available to the applicant within 5 business days of the Committee's review. The written documentation shall consist of the following:
 1. Action Taken: a letter to the applicant stating the action taken by the Committee, and
 2. Outstanding Comments: a list of any unresolved comments made by the members of the Committee.

2.6 Technical Review Committee (cont.)

- E. **Decision Criteria:** In all cases, the Technical Review Committee shall only consider the applicable adopted requirements of this Ordinance and any other adopted and applicable standards of the City of Franklin, the State of Indiana, and/or the Federal government. The minimum standards and specifications of each other represented entity shall also be considered.
1. **Mandatory Approval:** In all cases in which the Committee has approval authority and an application conforms to the applicable standards, that application shall be approved.
 2. **Committee Member Comments:** In no case shall any applicant be required to make any modifications to any application based solely on the opinions or other undocumented standards of any member of the Committee.
 - a. This shall not be interpreted as prohibiting any committee member from providing comments that express their professional opinions regarding a application being forwarded to the Plan Commission.
 - b. This shall further not be interpreted as preventing the City Engineer or representatives of other entities from establishing requirements for individual applications based on professional norms.
- F. **Appeals:** Any applicant or interested party may appeal the decision of the Technical Review Committee to the Plan Commission.
1. **Relief from Specific Requirements:** Applicants seeking relief from specific development standards or other requirements of the Zoning Ordinance that are unrelated to the Committee's interpretation of the applicable requirements shall be required to obtain variance approval from the Board of Zoning Appeals.
 2. **Appeal Procedure:** All appeals of determinations of the Committee shall meet the following requirements:
 - a. The appealing party shall be required to provide the Planning Director with written notice of the appeal within 30 days of the date of the Committee decision.
 - b. The Planning Director shall place the appeal on the agenda for the next appropriate Plan Commission meeting consistent with the adopted Calendar of Meeting and Filing Dates.
 - c. Public notice for the meeting shall be required, consistent with the provisions of Chapter 2.5.
 - d. The Plan Commission shall consider the provisions of this Ordinance and all other documented, applicable standards in deciding the appeal.

2.6 Technical Review Committee (cont.)

- G. **Consistency:** In all cases, the application materials, including any drawings that are presented to the Plan Commission or provided to the Planning Director with an Improvement Location Permit application following Committee review shall be completely consistent with those that were approved by the Committee, with the exception of any corrections or revisions requested. Any application that is inconsistent with the version approved by the Technical Review Committee shall be referred back to the Committee for review and comment.

2.7 Sketch Plan

- A. **Sketch Plan:** The Sketch Plan review is a process that provides early guidance and recommendations to the applicant. Sketch plan review is especially encouraged for those applicants that are unfamiliar with the Franklin subdivision processes and procedures. Sketch Plan review is recommended, but not required.
- B. **Sketch Plan Review:** At his/her discretion, an applicant shall generally meet with the Planning Director to discuss a proposed subdivision. The applicant should provide a sketch of the proposed subdivision and the parcel(s) involved.
1. The Planning Director shall provide the applicant with comments regarding the proposed subdivision.
 2. The Planning Director may invite the City Engineer, Street Commissioner, and/or other related officials or organizations to also comment on the Sketch Plan at his/her discretion.
 3. The Planning Director shall advise the applicant (1) if the requested subdivision would qualify as an exempt, minor or major subdivision, (2) to contact any other official or agencies that must approve certain aspects of the subdivision, and (3) of the review procedure, schedule, and standards that shall apply to the subdivision.
- C. **Sketch Plan Documents:** Sketch Plan application materials shall be prepared in pen, pencil, or electronic media, and shall include the following:
1. Sketch Plan: The Sketch Plan shall be at an appropriate scale and shall include the following:
 - a. *Property Name:*
 - i. The name of the subdivision (if the subject property is within a previously platted subdivision); or
 - ii. A proposed name (if the property is not within a previously platted subdivision). The proposed name shall not duplicate the name of any subdivision in Johnson County that has been previously recorded; or
 - iii. The common name of the property if no subdivision name has been chosen (the name by which the property is locally known).
 - b. *Property Description:*
 - i. A written description of the location of the property, including both street address and legal description. The legal description shall state the total area of the subdivision in acres.
 - ii. The size of all existing properties included in the proposed subdivision in acres. If any properties to be included in the subdivision are less than 1 acre, they shall also be described in terms of square footage.

Intent

The Sketch Plan provisions are intended to provide a structured opportunity for the applicant and the Planning Director to discuss a proposed subdivision. Particular attention is paid to proposed street, drainage and other infrastructure systems. Sketch Plan review and approval is not required, but generally recommended prior to formal application for subdivision approval.

2.7 Sketch Plan (cont.)

- c. *Property Ownership:*
 - i. The name, street address, e-mail address, and telephone number of the legal property owner and the subdivider of the property or his/her agent.
 - ii. An indication of any existing covenants, rights-of-way, and/or easements affecting the property.
 - iii. The name, street address, e-mail address, and telephone number of any professional person(s) responsible for the Sketch Plan application materials.
 - d. *Subdivision Drawing:*
 - i. The location of any existing property lines, streets, easements, and rights-of-way within or immediately adjacent to the property.
 - ii. A description of the topography of the property, including streams, suspected wetlands (based on the National Wetlands Inventory), wooded areas, and 100-year floodplains and floodways. The topographic details may be based on USGS data, a field survey, and/or other suitable data sources (as determined by the City Engineer).
 - iii. The current zoning of the property.
 - iv. Preliminary concepts for connection with existing street, sanitary sewage, and drainage systems.
 - vi. A general description of the size, dimensions, and number of lots to be created in the subdivision.
2. Contiguous Holdings Map: Whenever the Sketch Plan covers only a part of an applicant's contiguous property holdings, the applicant shall also submit a map of all contiguous holdings, drawn at a convenient scale. The map shall include a sketch of the proposed subdivision area and an indication of the likely future street, sanitary sewer, and drainage systems serving the remaining portion of the property.

Article 3

Minor Subdivisions

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Article Three: Minor SubdivisionsPage

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Minor Subdivision Defined

Minor subdivisions are those that (1) create 3 or fewer total lots, including any remaining tract, (2) front on an existing street, and (3) do not include the construction of new public improvements. Minor subdivisions include only the upgrade of existing public improvements, such as the construction of sidewalks along an existing street, the dedication of additional street right-of-way, and the extension of utility services to the newly created lots.

Policy Statement

It is recognized by this Ordinance that the development of commercial and industrial subdivisions is required, by the nature of such projects, to differ from the standard procedure used for residential subdivisions. Chapter 2.3 describes the alternate procedure to be used for these non-residential subdivisions.

3.1 Application & Review Process

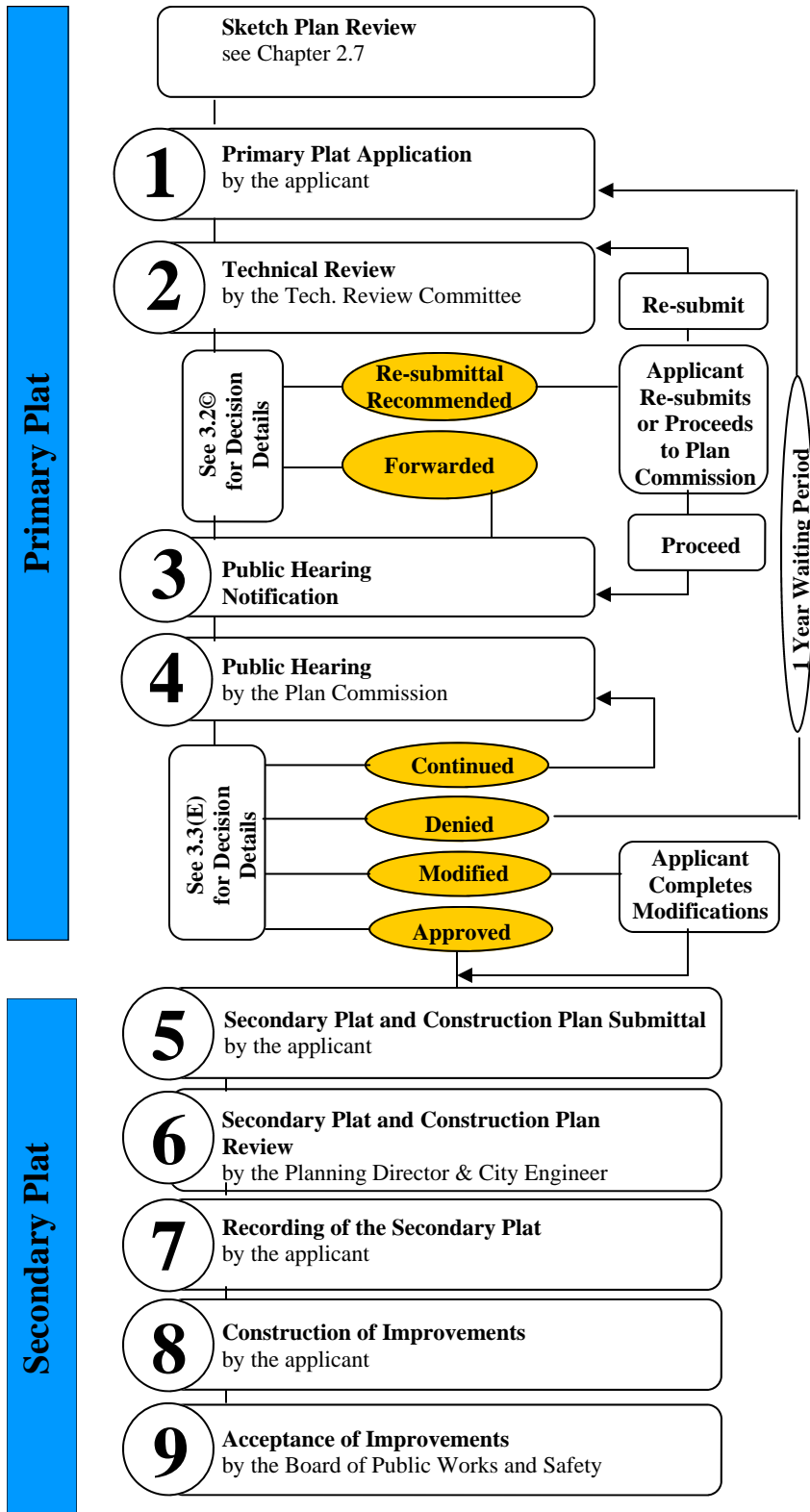
- A. **General Application Requirements:** All applications may be obtained through the Planning Director's office. Fees shall be paid at the Director's office at the time the applications are submitted.
1. **Application Forms:** All applications shall be made on forms provided by the Planning Director. All applicants shall submit original applications that are completed in their entirety either in ink or typed.
 2. **Copies Required:** All applicants shall submit copies of applications and necessary attachments as required by the adopted policies of the Planning Director and the applicable Rules and Procedures of the Plan Commission.
- B. **Review Schedule:** All applications shall be assigned reference and/or docket numbers by the Planning Director. Applications shall be scheduled by the Planning Director for the appropriate public hearings based on the completeness of the application consistent with the requirements of this Article and the adopted Calendar of Filing and Meeting dates for the Plan Commission.

3.1 Application & Review Process (cont.)

3

Minor Subdivisions

Minor Subdivision Process Diagram



3.2 Primary Plat

A. **Application Requirements:** In order to officially begin the subdivision review process the applicant shall file an application for Primary Plat Review with the Planning Director.

1. **Application Materials:** Required application materials include the following:

- a. *Application Form:* Application shall be made on forms available at the Plan Commission office, be typed or completed in ink, and be signed by the owner and subdivider.
- b. *Document Copies:* The application shall be accompanied by the required copies of a Primary Plat, Vicinity Map, and Contiguous Holdings Map (if necessary) meeting the requirements provided by Section 3.2(B).
- c. *Fee:* The application shall be accompanied by a fee in the amount established by the City's adopted Fee Schedule.
- d. *Performance Standard Documentation (if applicable):* If the applicant is proposing to use the performance zoning option established by the Franklin Zoning Ordinance, all completed documentation required by the Planning Director shall be provided, indicating the ways in which the proposed subdivision meets the performance zoning criteria.

2. **Processing Standards:** No application shall be processed, and no docket number shall be assigned, until the application is filled out correctly, and all required attachments, including the fee, are presented to the Planning Director.

3. **Meeting Dates Established:** In accordance with IC 36-7-4-705, the Planning Director shall announce the date of a hearing before the Plan Commission within 30 days after receipt of a final and complete application. The dates of all hearings regarding the application shall be based on the adopted Calendar of Meeting and Filing Dates and the date on which the application for Primary Plat review is filed with the Planning Director.

B. **Primary Plat Documents:** Primary Plat application materials shall be prepared and certified by a land surveyor or engineer registered by the State of Indiana. They shall include the following:

1. **Primary Plat:** The Primary Plat shall be at an appropriate scale no greater than 1:100; shall be prepared in pen or electronic media; and shall include the following:

- a. *Property Name:*
 - i. The name of the subdivision (if the subject property is within a previously platted subdivision); or
 - ii. A proposed name (if the property is not within a previously platted subdivision). The proposed name shall not duplicate the name of any subdivision in Johnson County that has been previously recorded.

- b. *Property Description:*
 - i. A written description of the location of the property, including current zoning, street address, and legal description. The legal description shall state the total area of the subdivision in acres.
 - ii. A dimensioned drawing of the parcel of land that is being subdivided, including any remaining tract. The drawing shall show the subdivision boundary with benchmarks, the legal description point of beginning, and all dimensions, including the size of all existing properties included in the proposed subdivision in acres. If any properties to be included in the subdivision are less than 1 acre, they shall also be described in terms of square footage.
- c. *Property Ownership:*
 - i. The name, street address, e-mail address, and telephone number of the legal property owner and the developer of the property or his/her agent. The ownership information shall include the citation of the last instrument conveying titles to each property involved in the proposed subdivision, giving grantee, date, and book and page or instrument number reference.
 - ii. An indication of any existing covenants, rights-of-way, and/or easements affecting the property.
 - iii. The name, street address, e-mail address, and telephone number of any professional person(s) responsible for the Primary Plat application materials.
- d. *Primary Plat Drawing:*
 - i. A legend and notes, including a graphic scale, north arrow, and date.
 - ii. The location of existing burial grounds, watercourses, 100-year floodplains and floodways (including elevations), wooded areas, wetlands (certified by a professional possessing a U.S. Army Corps of Engineers Regulation 4 Jurisdictional Wetland Certification), and other natural features.
 - iii. The location(s) of any existing structure(s) on the site and a description of their future demolition or incorporation into the proposed subdivision.
 - iv. Topographic contours consistent with the requirements of the City Engineer, referenced to sea level and an established bench mark.
 - v. The location, area (indicated in square feet and acres), and dimensions of each lot. The location of all monuments and the buildable area of each lot, per applicable zoning district setback requirements and any other regulatory or natural limitations, shall also be indicated.

3.2 Primary Plat (cont.)

- vi. All existing and proposed easements and rights-of-way, including the location, width, and purpose of each.
 - vii. The location of existing and proposed streets, street tree planting areas, and sidewalks within or immediately adjacent to the property.
 - viii. Any parcels of land proposed to be dedicated or reserved for common areas, schools, parks, playgrounds, or other public, semi-public, or community purposes.
 - ix. The location and sizes of existing sewers, water mains, storm drains, gas or oil transmission lines, and any other known underground structures within or immediately adjacent to the property.
 - x. Proposals for connection with sanitary sewage and storm water systems.
 - xi. Provisions for collecting and discharging surface storm water.
 - xii. A drainage report meeting the requirements of the City Engineer and describing all drainage improvements required by this Ordinance (at the City Engineer's discretion).
 - xiii. A sanitary sewer capacity evaluation and report meeting the requirements of the Department of Public Works.
2. Vicinity Map: A vicinity map, drawn at a convenient scale, showing the location of the proposed subdivision, the streets, and the general development of the area within 500 feet of the proposed subdivision.
 3. Contiguous Holdings Map: Whenever the Primary Plat covers only a part of an applicant's contiguous property holdings, the applicant shall also submit a map of all contiguous holdings, drawn at a convenient scale. The map shall include a sketch of the proposed subdivision area and an indication of the likely future street, sanitary sewer, and drainage system serving the remaining portion of the property.
 4. Subdivision Covenants: The protective covenants applicable to the subdivision shall be prepared by the applicant and shall be legally sound. Either the covenants, or a reference to the covenants, shall be incorporated on the plat. At a minimum, covenants or other plat documentation shall provide a means for the maintenance and upkeep of drainage swales and other drainage facilities and any common areas or entry features. The covenants shall specifically provide that the maintenance of drainage swales and other drainage features be the responsibility of a lot owner's association and that the proper function and maintenance of the drainage system may be enforced by the Board of Public Works & Safety and the City Engineer.

3.2 Primary Plat (cont.)

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Minor Subdivisions

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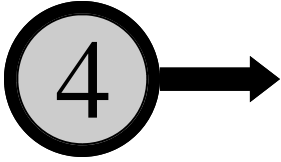
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- C. **Primary Plat Review:** The Primary Plat shall be placed on the agenda for the next Technical Review Committee meeting, based on the adopted Calendar of Meeting and Filing Dates. The applicant shall be responsible for providing copies of the Primary Plat and other materials necessary for Committee review.
1. Review Criteria: In reviewing the application, the Technical Review Committee shall consider the provisions of this Ordinance, the Zoning Ordinance, and other applicable requirements.
 2. Possible Action: The Committee shall make comments regarding the application. Based on those comments, the Planning Director shall either forward the application to the Plan Commission or recommend further review.
 - a. *Forward to Plan Commission:* The Planning Director shall forward the application for Primary Plat approval to the Plan Commission if addressing the Committee comments will not require the applicant to significantly alter the proposed subdivision features. The applicant shall revise the Primary Plat consistent with the comments received from the Committee and supply revised application materials to the Planning Director in preparation for the Plan Commission hearing.
 - b. *Recommend Re-submittal:* The Planning Director may recommend further review of the Primary Plat application if addressing the Committee comments will require significant alterations to the proposed subdivision features. If the applicant agrees to further review, the application shall be placed on the agenda for the next Technical Review Committee meeting. The applicant shall revise the Primary Plat consistent with the comments received from the Committee and supply revised application materials to the Planning Director in preparation for either further review by the Technical Review Committee, or for the Plan Commission hearing.
 - i. No additional fees shall be required for the re-submittal, however the Planning Director shall announce an updated Plan Commission hearing date.
 - ii. There shall be no limit to the number of times the Planning Director may recommend the re-submittal of any application.
- D. **Notice of Public Hearing:** Notice of Public Hearing shall be given in accordance with the requirements of Chapter 2.5 of this Ordinance prior to the Plan Commission meeting when the proposed Primary Plat application is to be heard.

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3.2 Primary Plat (cont.)

E. **Plan Commission Hearing:** The Plan Commission shall hold a public hearing on the application, considering the Primary Plat materials, a report from the Planning Director, and testimony from the applicant and any interested parties.

1. **Possible Action:** At the public hearing, the Plan Commission shall approve, approve with conditions, continue, or deny the Primary Plat.
 - a. *Approve:* The Plan Commission shall approve the Primary Plat if it is found to be completely consistent with the decision criteria listed in Section 3.2(E)(2).
 - b. *Approve with Conditions:* The Plan Commission shall approve the Primary Plat with conditions if it is generally consistent with the decision criteria, but specific minor modifications are required to meet all of the applicable requirements.
 - c. *Continue:* The application may be continued based on a request by the Planning Director, the applicant, a remonstrator, or an interested party. The application shall be continued in the case of an indecisive vote, a determination by the Commission that additional information is required prior to action being taken on the request, or if an appropriate representative of the application fails to appear at the public hearing.
 - i. Additional legal notice shall not be required unless specified by the Plan Commission.
 - ii. The continuing of all applications shall be consistent with the Rules and Procedures of the Plan Commission.
 - d. *Deny:* The Plan Commission shall deny the Primary Plat if it is found to be inconsistent with the decision criteria and requires modifications that would result in significant changes to the characteristics of the subdivision. If the Primary Plat application is denied, the petitioner may not resubmit the same application for 1 year from the date of disapproval. Fees and procedures for a resubmitted Primary Plat application shall be the same as if it were an original submittal.
2. **Decision Criteria:** In reviewing applications for Primary Plat approval, the Plan Commission shall consider the following criteria.
 - a. *Subdivision Control Ordinance Requirements:* The consistency of the proposed Primary Plat with the requirements of this Ordinance;
 - b. *Zoning Ordinance Requirements:* The consistency of the proposed Primary Plat with the standards of the zoning district in which it is located; and
 - c. *Other Requirements:* The consistency of the proposed Primary Plat with any other applicable standards.



3.2 Primary Plat (cont.)



3. Documentation of Findings: The Plan Commission shall make written findings documenting its decision. The Planning Director shall provide the applicant with a copy of the written findings of the Commission, that indicate the date of the Commission's decision, within 10 business days of the decision. The Planning Director shall maintain 1 file copy of the proposed Primary Plat, all application materials, and the signed, dated findings letter.
- F. **Expiration of Approval:** The approval of the Primary Plat shall expire 1 year from the date of the Commission's decision if the applicant has not proceeded with the development by applying to the Planning Director for Secondary Plat review. Extensions of time may be granted by the Plan Commission upon the request of the applicant.

See Also:

*Indiana Code 36-7-4-705
(Primary Approval of Plat)*

*Chapter 2.5,
Notice of Public Hearing*

*Zoning Ordinance Chapter 11.8,
Improvement Location Permits*

3.3 Secondary Plat & Construction Plans

A. **Application Requirements:** The applicant shall file an application for Secondary Plat review with the Planning Director. A Minor Subdivision Secondary Plat may not be sectionalized and shall include all lots included in the Primary Plat. The application shall:

1. **Application Form:** Be made on forms available at the Plan Commission office, be completed in ink or typed, and be signed by the owner and developer;
2. **Secondary Plat Copies:** Be accompanied by the required copies of the Secondary Plat meeting the requirements provided by Section 3.3(B);
3. **Electronic Data:** Be accompanied by a computer disk containing an electronic version of the Secondary Plat in a form specified by the Planning Director;
4. **Fee:** Be accompanied by a fee in the amount established by the adopted Fee Schedule; and
5. **Construction Plans and Surety:** Be accompanied by construction plans and surety for any sidewalks, utility extensions, and other public improvements. All surety shall meet the requirements of Article 5.
6. **Lot Owner's Association Confirmation:** Be accompanied by evidence that a lot owner's association has been officially created through the office of the Indiana Secretary of State (if common areas are included on the plat).

B. **Secondary Plat Documents:** All Secondary Plats shall substantially comply with the approved Primary Plat for the subdivision. The Secondary Plat shall be prepared by a land surveyor registered in the State of Indiana, shall be shown at an appropriate scale, shall be drawn on reproducible mylar, and shall include the following information on a sheet meeting the size and clarity requirements of the Johnson County Recorder:

1. **Property Name:** The name of the subdivision followed by the words "Minor Subdivision Secondary Plat" (the name shall not duplicate the name of any subdivision in Johnson County that has been previously recorded).
2. **Property Description:**
 - a. **Legal Description:** An accurate metes and bounds description of the property boundary.
 - b. **Boundary Lines:** An accurate property boundary line expressed in feet and hundredths of a foot, with dimensions and angles, and the bearings of all lines to a minimum of 1/2 minute.
 - c. **Benchmark:** Accurate distances and directions to the nearest official monument, including reference corners.

3.3 Secondary Plat & Construction Plans (cont.)

3. Property Ownership:
 - a. *Owner/Developer:* The name, street address, e-mail address, and telephone number of the legal property owner and the developer of the property or his/her agent. The ownership information shall include the citation of the last instrument conveying titles to each parcel of property involved in the proposed subdivision, giving grantee, date, and book and page or instrument number reference.
 - b. *Professionals Involved:* The name, street address, e-mail address, and telephone number of the professional land surveyor or engineer responsible for the Secondary Plat.
4. Subdivision Drawing:
 - a. *Legend, & Notes:* A complete legend and notes, including north arrow, graphic scale, and date.
 - b. *Existing Features:* Accurate locations of all pre-existing easements, rights-of-way, and other pertinent features on the property and/or intersecting the boundaries of the tract; including a description of their future use or abandonment.
 - c. *Public Ways:* The location, width, and other dimensions of the rights-of-way and easements for any streets and alleys. Street rights-of-way shall include street names, but shall exclude setbacks and/or build-to-lines.
 - d. *Lots:* The location, dimensions (expressed in feet and hundredths of a foot), area (expressed in acres and square feet), and the bearing of all lines to 1/2 minute for every lot and/or block created by the subdivision, including any remaining tract. All lots shall be consecutively numbered and all blocks shall be lettered in alphabetical order, consistent with the Primary Plat.
 - e. *Easements:* Accurate locations, widths, and other dimensions of all easements, including a description of their use.
 - f. *Monuments:* The location, type, material, and size of all existing and proposed monuments and markers included in the subdivision.
 - g. *Set-Aside Areas:* Accurate locations and dimensions for any property to be dedicated or reserved for public, semi-public, or community use, including common areas.
 - h. *Covenants & Restrictions:* The text of, or references to, any restrictions that will run with the land and become covenants in the deeds for lots.
 - i. *Explanations:* An explanation of all easements and reservations.
 - j. *References:* Sufficient data acceptable to the City Engineer to readily determine the location, bearing, and length of all lines for the reproduction of such lines on the property.
 - k. *Endorsement:* A statement signed and dated by the property owner(s) endorsing the Secondary Plat.

3.3 Secondary Plat & Construction Plans (cont.)

- l. *Land Surveyor Certification:* Certification by a registered land surveyor.
- m. *Plan Commission Approval Statement:* A form indicating the approval of the subdivision and providing a place for the signature of the Plan Commission President and Secretary and the date of Primary Plat approval (see example on Page 3-12).
- n. *Other Endorsements & Signatures:* Forms providing the necessary statements, signatures, and dates for the recording of the Secondary Plat in the Johnson County Recorder's Office.
- o. *Common Area Notation:* A note indicating that the maintenance of any common areas are the responsibility of the lot owner's association.

CERTIFICATE OF APPROVAL

After having given public notice of the time, place and nature of hearing on the application for primary approval of this subdivision by publication in a newspaper of local circulation more than ten (10) days before the hearing thereon, under authority provided by the General Assembly of the State of Indiana, this plat was given approval by a majority of the members of the Franklin Plan Commission at a meeting held on the ____ day of _____, ____.

City of Franklin Plan Commission by:

President

Secretary

This plat is hereby recommended for acceptance by the City of Franklin by:

Planning Director

City Engineer

3.3 Secondary Plat & Construction Plans (cont.)

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Minor Subdivisions

C. **Secondary Plat and Construction Plan Review:** The Planning Director and City Engineer shall review the Secondary Plat submittal and associated materials to verify its consistency with the approved Primary Plat, and that all Plan Commission required modifications have been made to the plat.

1. Plan Commission Signing: After verification by the Planning Director and City Engineer, both the Plan Commission President and Secretary shall sign the Secondary Plat.
2. Board of Works Signing: Following the signing of the Secondary Plat by the Plan Commission President and Secretary, the applicant shall contact the Board of Public Works and Safety to have the Secondary Plat scheduled for review at its next available meeting. At that meeting, the Board shall review any public dedications and surety and, if deemed acceptable, shall sign the Plat.

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D. **Recording:** It shall be the responsibility of the applicant to file the approved and signed Secondary Plat with the Johnson County Recorder within 30 days of the date of signature by the Board of Public Works and Safety. Simultaneously with the filing of the Secondary Plat, the applicant shall record any agreements of dedication and any covenants, together with any other legal documents that are required to be recorded by the Plan Commission or other applicable government agency. The filing and recording of a plat is without legal effect unless signed by the Plan Commission President, Plan Commission Secretary, and the Board of Public Works and Safety.

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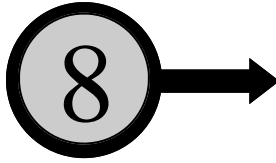
E. **Recorded Copy Provided:** The applicant shall be required to submit a copy of the recorded Secondary Plat to the Planning Director for the records of the Plan Commission.

1. Improvement Location Permits: No Improvement Location Permits shall be issued for any subdivision improvements and/or structures on any subdivision lot until the copy of the Secondary Plat is provided.
2. Occupancy Restrictions: No permanent Certificate of Occupancy shall be issued for any lot or structure in the subdivision until all required improvements have been completed for the lot. In no instance shall this provision be interpreted as preventing the issuance of a temporary Certificate of Occupancy allowing the use of structures prior to the installation of required sidewalks. Sidewalk installation may only be deferred in the event of unsuitable weather conditions, as defined by the City Engineer.

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Minor Subdivisions

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3.3 Secondary Plat & Construction Plans (cont.)

F. **Construction of Improvements:** No site work or earthwork shall be allowed until the Improvement Location Permit signifying the approval of the Construction Plans & recording of the Secondary Plat has been issued by the Planning Director. The inspection of all improvement shall comply with Chapter 5.5. All required improvements shall be made by the applicant, at his/her expense, without reimbursement by the City or any other improvement district. Prior to the acceptance of the public improvements by the Board of Public Works and Safety, all applicants shall complete all of the required improvements as depicted on the approved Construction Plans.

G. **Acceptance of Public Improvements:** Following the completion of the public improvements and their certification, the applicant shall place the matter on the agenda of the Board of Public Works and Safety.

1. **Materials Required:** The applicant shall provide As-Built documentation consistent with Chapter 5.4 and surety meeting the requirements of Article 5.
2. **Review:** The Board of Public Works and Safety shall review the condition of the public improvements and surety. The Board shall consider input from the City Attorney, City Engineer, Planning Director, and the city departments responsible for the maintenance of the improvements.
3. **Approval:** If the condition of the public improvements and the surety are deemed to be acceptable, the Board shall accept the improvements.



Article 4

Major Subdivisions

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Major Subdivisions

Major Subdivision Defined

Major Subdivisions are those that create more than 3 total lots, including any remaining tract, and/or that require the creation of any new public improvements (excluding the construction of sidewalks along an existing street, the dedication of additional street right-of-way, and the extension of utility services to the newly created lots).

Policy Statement:

It is recognized by this Ordinance that the development of commercial and industrial subdivisions is required, by the nature of such projects, to deviate from the standard procedure used for residential subdivisions. Chapter 2.3 describes the alternate procedure to be used for non-residential subdivisions.

4.1 Application & Review Process

- A. **General Application Requirements:** All applications may be obtained through the Planning Director's office. Fees shall be paid at the Director's office at the time the applications are submitted.
1. **Application Forms:** All applications shall be made on forms provided by the Planning Director. All applicants shall submit original applications that are completed in their entirety in ink or typed.
 2. **Copies Required:** All applicants shall submit copies of applications and necessary attachments as required by the adopted policies of the Planning Director and the applicable Rules and Procedures of the Plan Commission.
- B. **Review Schedule:** All applications shall be assigned reference and/or docket numbers by the Planning Director. Applications shall be scheduled by the Planning Director for the appropriate public hearings based on the completeness of the application consistent with the requirements of this Article and the adopted Calendar of Filing and Meeting dates for the Plan Commission.



4.1 Application & Review Process (cont.)

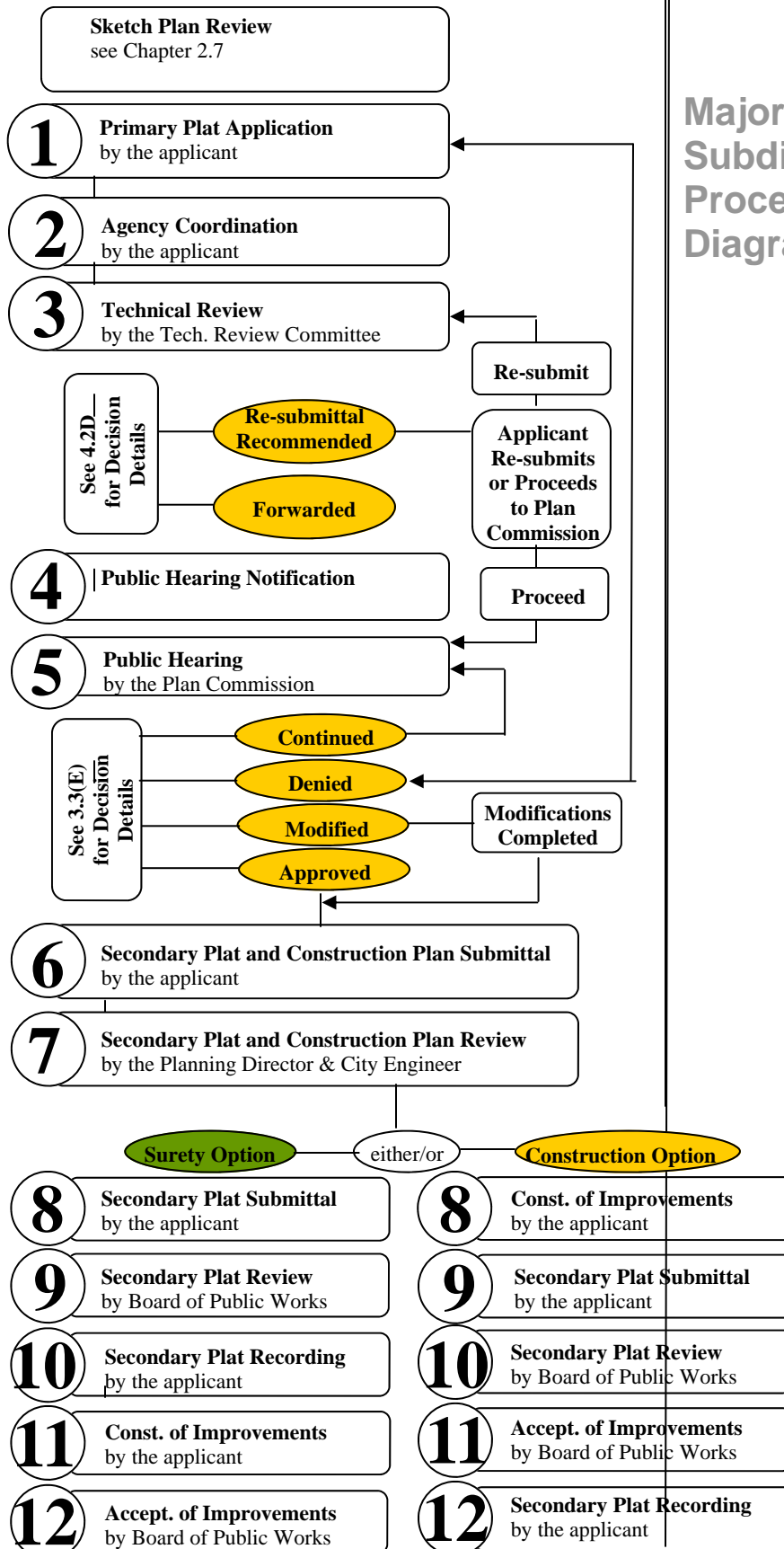
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Major Subdivisions

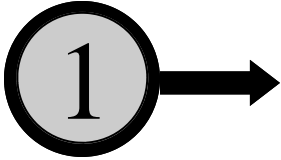
Primary Plat

Secondary Plat & Construction

Major Subdivision Process Diagram



STEP



See Also:

*Chapter 2.5,
Notice of Public Hearing*

4.2 Primary Plat

A. Application Requirements: In order to begin the subdivision process the applicant shall file an application for Primary Plat Approval with the Planning Director.

1. **Application Materials:** Required application materials shall include the following:

a. *Application Form:* Application shall be made on forms available at the Plan Commission office, be typed or completed in ink, and be signed by the owner and subdivider.

b. *Document Copies:* The application shall be accompanied by the required copies of a Primary Plat, Vicinity Map, and Contiguous Holdings Map (if necessary) meeting the requirements provided by Section 4.2(B).

c. *Fee:* The application shall be accompanied by a fee in the amount established by the City's adopted Fee Schedule.

d. *Performance Standard Documentation (if applicable):* If the applicant is proposing to use the performance zoning option established by the Franklin Zoning Ordinance, all completed documentation required by the Planning Director shall be provided, indicating the ways in which the proposed subdivision meets the performance zoning criteria.

2. **Processing Standards:** No application shall be processed, and no docket number shall be assigned, until the application is filled out correctly, and all required attachments, including the fee, are presented to the Planning Director.

3. **Meeting Dates Established:** In accordance with IC 36-7-4-705, the Planning Director shall announce the date of a hearing before the Plan Commission within 30 days after receipt of a final and complete application. The dates of all hearings regarding the application shall be based on the adopted Calendar of Meeting and Filing Dates and the date on which the application for Primary Plat Approval is filed with the Planning Director.

B. Primary Plat Documents: Primary Plat application materials shall be prepared and certified by a land surveyor or engineer registered by the State of Indiana. They shall include the following:

1. **Primary Plat:** The Primary Plat shall be at an appropriate scale; shall be prepared in pen or electronic media; and shall include the following:

a. *Property Name:*

i. The name of the subdivision (if the subject property is within a previously platted subdivision); or

ii. A proposed name (if the property is not within a previously platted subdivision). The proposed name shall not duplicate the name of any subdivision in Johnson County that has been previously recorded.

4.2 Primary Plat (cont.)

- b. *Property Description:*
 - i. A written description of the location of the property, including current zoning, street address and a legal description. The legal description shall state the total area included in the subdivision in acres.
 - ii. A dimensioned drawing of the parcel of land that is being subdivided, including any remaining tract. The drawing shall show the subdivision boundary with benchmarks, the legal description point of beginning, and all dimensions, including the size of all existing properties included in the proposed subdivision, in acres. If any properties to be included in the subdivision are less than 1 acre, they shall also be described in terms of square footage.
- c. *Property Ownership:*
 - i. The name, street address, e-mail address, and telephone number of the legal property owner and the developer of the property or his/her agent. The ownership information shall include the citation of the last instrument conveying titles to each parcel of property involved in the proposed subdivision, giving grantee, date, and book and page or instrument number reference.
 - ii. An indication of any existing covenants, rights-of-way, or easements affecting the property.
 - iii. The name, street address, e-mail address, and phone number of the professional person(s) responsible for the Primary Plat application materials.
- d. *Primary Plat Drawing:*
 - i. A legend and notes, including a graphic scale, north arrow, and date.
 - ii. The location of existing burial grounds, watercourses, 100-year floodplains and floodways (including elevations), wooded areas, wetlands (certified by a professional possessing a U.S. Army Corps of Engineers Regulation 4 Jurisdictional Wetland Certification), and other natural features.
 - iii. The location(s) of any existing structure(s) on the site and a description of their future demolition or incorporation into the proposed subdivision.
 - iv. Topographic contours consistent with the requirements of the City Engineer, referenced to sea level and an established bench mark.
 - v. The location, area (indicated in square feet and acres), and dimensions of each lot. The location of all monuments and the buildable area of each lot per applicable zoning district setback requirements and any other regulatory or natural limitations, shall also be indicated.
 - vi. All existing and proposed easements and rights-of-way, including the location, width, and purpose of each.

4.2 Primary Plat (cont.)

- vii. All existing and proposed street systems on and adjoining the site of the proposed subdivision showing the proposed names, functional classifications, right-of-way widths, approximate gradients, types and widths of pavements, curbs, sidewalks, on-street parking areas, street signs, street trees, and streetlights.
 - viii. All street tree planting areas coordinated with utility and sidewalk locations.
 - ix. All proposed sidewalks and/or pedestrian pathways.
 - x. Any parcels of land proposed to be dedicated or reserved for common areas, natural areas, schools, parks, playgrounds, or other public, semi-public, or community purposes.
 - xi. The location, size, slope, and invert elevation of utilities existing and proposed adjacent to and on the site, including storm and sanitary sewers; water mains (including fire hydrants); electrical, telephone, and cable television lines.
 - xii. The location of any temporary stakes to enable the Planning Director and City Engineer to find and appraise features of the Primary Plat by visiting the property.
 - xiii. All proposals for connecting to the sanitary sewer and storm water systems.
2. Vicinity Map: On a separate sheet, at a convenient scale, a vicinity map must be submitted that includes the following information:
- a. *Property Location*: The location of the proposed subdivision within the City, referencing surrounding streets and subdivisions.
 - b. *Adjacent Property Owners*: Existing subdivisions and lots adjacent to or within 250 feet of the proposed subdivision. The owners of each of these properties shall be identified on the drawing with the date and book and page (or instrument number) of the last conveyance of ownership.
 - c. *Related Facilities*: Existing schools, parks, playgrounds, neighborhood commercial businesses, or other similar facilities that will serve the proposed subdivision.
 - d. *Utilities*: Location and size of all utilities adjacent to or within 250 feet of the subdivision site, including sanitary and storm sewers, gas lines, electric lines, telephone lines, water mains, fire hydrants, and cable television lines.
 - e. *Thoroughfares*: All public thoroughfares/rights-of-way adjacent to or within 250 feet of the site.
 - f. *Street & Pedestrian Systems*: Existing streets and rights-of-way on and adjoining the site of the proposed subdivision showing the names, functional classifications, roadway widths, surface types, widths of pavement, and presence of curbs, street trees, sidewalks, on-street parking, and street lights.

4.2 Primary Plat (cont.)

- g. *Boundaries*: Any municipal, fire district, school district, utility service, or other boundaries lying within or contiguous to the subdivision property.
- 3. Contiguous Holdings Map: Whenever the Primary Plat covers only a part of an applicant's contiguous property holdings, the applicant shall also submit a map of all contiguous holdings, drawn at a convenient scale. The map shall include a sketch of the proposed subdivision area, with its proposed street and drainage system, and an indication of the likely future street, sanitary sewer, and drainage system serving the remaining portion of the property.
- 4. Subdivision Phasing Description: If the Primary Plat is to be divided into sections for the phasing of development, the preliminary boundaries and numbers of such sections shall be shown.
- 5. Subdivision Covenants: Any protective covenants applicable to the subdivision shall be prepared by the applicant and be legally sound. Either the covenants, or a reference to the covenants shall be incorporated on the plat.
 - a. *Drainage Maintenance*: At a minimum, covenants or other plat documentation shall provide a means for the maintenance and upkeep of drainage swales and other drainage facilities and any common areas or entry features. The covenants shall specifically provide that the maintenance of drainage swales and other drainage features be the responsibility of a lot owner's association and that the proper function and maintenance of the drainage system may be enforced by the Board of Public Works & Safety and the City Engineer.
 - b. *Consistency*: All covenants shall be consistent between all subdivision phases that result from a single Primary Plat.
- 6. Drainage Plan and Report: The subdivider shall provide a drainage report describing the existing and proposed drainage conditions and evaluating the ability of the proposed water courses, channels, drainage tiles, farm tiles, storm sewers, culverts, and other improvements to accommodate the additional run-off generated by the proposed subdivision.
 - a. *Drainage Report*: A professional engineer or land surveyor, registered in the State of Indiana, shall prepare the report, which shall include:
 - i. The conditions of the watershed that may affect run-off, such as subsoil type, positive drainage, and obstructions.
 - ii. The location of all subsurface drainage tiles and a plan to preserve or relocate the tiles.
 - iii. Estimates of the water entering the subdivision.
 - iv. The method of hydraulic and hydrologic analysis used (including any assumptions or special conditions), and the results of the analysis. The hydraulic and hydrologic calculations, including input and output flows, shall be included as appendices to the report.

4.2 Primary Plat (cont.)

- v. A description of the recommended minor and major drainage systems. The minor drainage system shall consist of storm sewers, drainage ditches, grassed swales, and storm inlets or infiltration structures. The major system shall consist of roadways, culverts, bridges, and drainage flow-ways.
 - b. *Watershed Map:* On a separate sheet, a watershed map complementing the Drainage Report using USGS contour information shall be provided, showing:
 - i. The delineation of the drainage area in which the subdivision is located.
 - ii. The location of drainage courses and the existing direction of surface water flow within the drainage area.
 - c. *Drainage Plan Description:* On a separate sheet in the same scale and media as the Primary Plat, a description of drainage/topography/natural environment complementing the Drainage Report shall be provided that includes the following information:
 - i. The location of natural streams, regulated drains, 100-year floodplains and floodways (including elevations).
 - ii. The location of any existing or proposed subsurface drain tile, structures, culverts, or swales.
 - iii. A map noting significant physical and topographical features of the tract. This map shall also show the proposed direction of the flow of surface water runoff from the site.
 - iv. A preliminary drainage plan showing the proposed storm water drainage system to an improved outlet. The plan shall include surface drainage system, storm sewer systems, subsurface drainage systems, and storm water detention facilities. Arrows designating the general drainage of all streets and lots shall be included.
7. Engineering Capacity Report: A report prepared by a professional engineer or land surveyor registered in the State of Indiana covering sewage, street, and drainage facilities for the subdivision shall be provided which includes, but is not limited to, the following:
- a. *Utility Systems:* A description of the feasibility of connecting to existing storm and sanitary sewers. This portion of the report shall include the distance from the nearest public sewer and the capacity of the existing system intended to handle the additional waste load. The sanitary sewer capacity evaluation and report shall meet the requirements of the Department of Public Works.
 - b. *Street Construction:* A preliminary report on the anticipated street construction based on the specifications provided by this Ordinance and any additional requirements of the City Engineer.

4.2 Primary Plat (cont.)

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Major Subdivisions

- c. **Traffic Analysis:** A traffic analysis (at the discretion of the Planning Director and/or City Engineer).
- C. **Agency Coordination:** The applicant corresponds with all applicable regulatory agencies for all other necessary approvals. These may include, but are not limited to the following:
1. the Indiana Department of Transportation;
 2. the Indiana Department of Environmental Management;
 3. the Indiana Department of Natural Resources; and
 4. the Johnson County Drainage Board.
- D. **Technical Review:** The Planning Director shall place the application for Primary Plat review on the agenda of the Technical Review Committee.
1. **Review Criteria:** In reviewing the application, the Technical Review Committee shall consider the provisions of this Ordinance, the Zoning Ordinance, and other applicable requirements.
 2. **Possible Action:** The Committee shall make comments regarding the application. Based on those comments, the Planning Director may either forward the application to the Plan Commission or recommend further review.
 - a. **Forward to Plan Commission:** The Planning Director shall forward the application for Primary Plat review to the Plan Commission if addressing the Committee comments will not require the applicant to significantly alter the layout of streets, lots, utility systems, topography, or other proposed subdivision features. The applicant shall revise the Primary Plat consistent with the comments received from the Committee and supply revised application materials to the Planning Director in preparation for the Commission hearing.
 - b. **Recommend Re-submittal:** The Planning Director may recommend further review of the Primary Plat application if addressing the comments will require significant alterations to the layout of streets, lots, utility systems, topography, drainage ways, or other proposed subdivision features. If the applicant agrees to further review, the application shall be placed on the agenda for the next Technical Review Committee meeting. The applicant shall revise the Primary Plat consistent with the comments received from the Committee and supply revised application materials to the Planning Director in preparation for either review by the Technical Review Committee, or the Plan Commission hearing.
 - i. No additional fees shall be required for the re-submittal, however the Planning Director shall announce an updated Plan Commission hearing date.
 - ii. There shall be no limit to the number of times the Planning Director may recommend the re-submittal of any application.

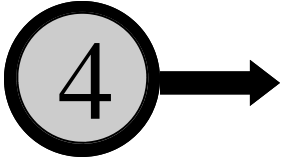
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4.2 Primary Plat (cont.)

- E. **Notice of Public Hearing:** Notice of Public Hearing shall be given in accordance with the requirements of Chapter 2.5 of this Ordinance prior to the Plan Commission meeting when the Primary Plat application is to be heard.
- F. **Plan Commission Hearing:** The Plan Commission shall hold a public hearing on the application, considering the Primary Plat application materials, a report from the Planning Director, and testimony from the applicant and any interested parties.
 1. **Possible Action:** At the public hearing, the Plan Commission shall approve, approve with conditions, continue, or deny the Primary Plat.
 - a. **Approve:** The Plan Commission shall approve the Primary Plat if it is found to be completely consistent with the decision criteria listed in Section 4.2(F)(2).
 - b. **Approve with Conditions:** The Plan Commission shall approve the Primary Plat with conditions if it is generally consistent with the decision criteria, but specific minor modifications are required to meet all of the applicable requirements.
 - c. **Continue:** The application may be continued based on a request by the Planning Director, the applicant, a remonstrator, or an interested party. The application shall be continued in the case of an indecisive vote, a determination by the Commission that additional information is required prior to action being taken on the request, or if an appropriate representative of the application fails to appear at the public hearing.
 - i. Additional legal notice shall not be required unless specified by the Plan Commission.
 - ii. The continuing of all applications shall be consistent with the Rules and Procedures of the Plan Commission.
 - d. **Deny:** The Plan Commission shall deny the Primary Plat if it is found to be inconsistent with the decision criteria and requires modifications that would result in significant changes to the characteristics of the subdivision. If the Primary Plat application is denied, the applicant may not resubmit the same application for 1 year from the date of disapproval. Fees and procedures for a resubmitted Primary Plat application shall be the same as if it were an original submittal.
 2. **Decision Criteria:** In reviewing applications for Primary Plat approval, the Plan Commission shall consider the following criteria.
 - a. **Subdivision Control Ordinance Requirements:** The consistency of the proposed Primary Plat with the requirements of this Ordinance;



4.2 Primary Plat (cont.)

- b. *Zoning Ordinance Requirements:* The consistency of the proposed Primary Plat with the standards of the zoning district in which it is located; and
 - c. *Other Requirements:* The consistency of the proposed Primary Plat with any other applicable standards.
 3. Documentation of Findings: The Plan Commission shall make written findings documenting its decision. The Planning Director shall provide the applicant with a signed copy of the written findings of the Commission that indicate the date of the Commission's decision within 10 business days of the decision. The Planning Director shall maintain 1 file copy of the proposed Primary Plat, all application materials, and the signed and dated findings letter.
- G. **Sectionalized Plats:** Construction Plans and Secondary Plats may be created for all lots included in the Primary Plat, or divided into sections for the purpose of phased construction. In no case shall any 1 section of a residential Primary Plat contain less than 20 lots or 10% of the total number of lots approved on that plat, whichever is less.
- H. **Expiration of Approval:** The approval of the Primary Plat shall expire 1 year from the date of the Commission's decision if the applicant has not proceeded with the development by applying to the Planning Director for Construction Plan and Secondary Plat review.
 1. Sectionalized Primary Plats: In the case of Primary Plats that are divided into sections for the purpose of a phased construction, the Primary Plat shall expire 5 years after the date of approval of the Construction Plans and Secondary Plat for the most recently developed section if Construction Plans and Secondary Plat for the subsequent section have not been approved and the installation of public improvements in that section commenced.
 2. Extensions: Extensions of time may be granted by the Plan Commission upon the request of the applicant.

4.3 Secondary Plat & Construction

A. **Application Requirements:** It shall be the responsibility of the applicant to prepare and have certified, by a land surveyor or professional engineer registered in the State of Indiana, a Secondary Plat and a complete set of Construction Plans, including profiles, cross-sections, specifications, and other supporting data for all required streets, utilities, and other improvements. These materials shall either be prepared for the entire area included in the Primary Plat or for each section of that plat. The applicant shall file an application for Secondary Plat & Construction Plan review with the Planning Director. This application shall:

1. Application Form: Be made on forms available at the Plan Commission office, be completed in ink or typed, and be signed by the owner and developer;
2. Document Copies: Be accompanied by the required copies of the Secondary Plat & Construction Plans meeting the requirements provided by Chapters 4.3(B) and 4.3(C);
3. Electronic Data: Be accompanied by a computer disk containing an electronic version of the documents in a format specified by the Planning Director.
4. Fee: Be accompanied by a fee in the amount established by the adopted City Fee Schedule.
5. Lot Owner's Association Confirmation: Be accompanied by evidence that a lot owner's association has been officially created through the office of the Indiana Secretary of State (if common areas are included on the plat).

B. **Secondary Plat Drawing:** All Secondary Plats shall substantially comply with the Primary Plat and Construction Plans for the subdivision. The Secondary Plat shall be shown at an appropriate scale, shall be drawn on reproducible mylar, and shall include the following information on a sheet meeting the size and clarity requirements of the Johnson County Recorder:

1. Property Name: The name of the subdivision followed by the words "Major Subdivision Secondary Plat" (the name shall not duplicate the name of any subdivision in Johnson County that has previously been recorded).
2. Property Description:
 - a. *Legal Description:* An accurate metes and bounds description of the property boundary.
 - b. *Boundary Lines:* An accurate property boundary line expressed in feet and hundredths of a foot, with dimensions and angles, and the bearings of all lines to a minimum of 1/2 minute.
 - c. *Benchmark:* Accurate distances and directions to the nearest official monument, including reference corners.
 - d. *Composite Map:* A map of the entire subdivision Primary Plat indicating the area included on the Secondary Plat.

4.3 Secondary Plat & Construction Plans (cont.)

3. Property Ownership:
 - a. *Owner/Developer:* The name, street address, e-mail address, and telephone number of the legal property owner and the developer of the property or his/her agent. The ownership information shall include the citation of the last instrument conveying titles to each parcel of property involved in the proposed subdivision, giving grantee, date, and book and page or instrument number reference.
 - b. *Professionals Involved:* The name, street address, e-mail address, and telephone number of the professional land surveyor or engineer responsible for the Secondary Plat.
4. Subdivision Description:
 - a. *Legend & Notes:* A complete legend and notes, including north arrow, graphic scale, and date.
 - b. *Existing Features:* Accurate locations of all preexisting easements, rights-of-way, and other pertinent features on the property and/or intersecting the boundaries of the tract; including a description of their future use or abandonment.
 - c. *Public Ways:* The location, width, and other dimensions of the existing and proposed rights-of-way and easements for all streets, alleys, and pedestrian pathways. Street rights-of-way shall include street names, but shall exclude setback and/or build-to-lines.
 - d. *Street Tree Areas:* All street tree planting areas, coordinated with utility and sidewalk locations.
 - e. *Curve Table:* A complete curve table for all curves included in the plat.
 - f. *Lots:* The location, dimensions (expressed in feet and hundredths of a foot), area (expressed in acres and square feet), and the bearing of all lines to 1/2 minute for every lot and/or block created by the subdivision, including any remaining tract. All lots shall be consecutively numbered and all blocks shall be lettered in alphabetical order, consistent with the Primary Plat.
 - g. *Flood Information:* The location of any regulatory flood boundaries, including elevations, as of the date the Secondary Plat is drawn.
 - h. *Easements:* Accurate locations, widths, and other dimensions of all easements, including a description of their use.
 - i. *Monuments:* The location, type, material, and size of all existing and proposed monuments and markers included in the subdivision.
 - j. *Set-Aside Areas:* Accurate locations and dimensions for any property to be dedicated or reserved for public, semi-public, or community use, including any common areas and linear open space surrounding pedestrian pathways.

4.3 Secondary Plat & Construction Plans (cont.)

- k. *Covenants & Restrictions:* The text of, or references to, any restrictions that will run with the land and become covenants in the deeds for the lots.
 - l. *Explanations:* An explanation of all easements and reservations.
 - m. *References:* Sufficient data acceptable to the City Engineer to readily determine the location, bearing, and length of all lines for the reproduction of such lines on the property.
 - n. *Endorsement:* A statement signed and dated by the property owner(s) endorsing the Secondary Plat.
 - o. *Land Surveyor Certification:* Certification by a registered land surveyor.
 - p. *Plan Commission Approval Statement:* A form indicating the approval of the subdivision and providing a place for the signature of the Plan Commission President and Secretary and the date of Primary Plat approval (see example on Page 3-12).
 - q. *Other Endorsements & Signatures:* Forms providing the necessary statements, signatures, and dates for the recording of the Secondary Plat in the Johnson County Recorder's Office.
 - r. *Common Area Notation:* A note indicating that the maintenance of any common areas are the responsibility of the lot owner's association.
- C. **Construction Plan Documents:** The Construction Plans shall be based on the approved Primary Plat and shall be consistent with the Secondary Plat. Construction plans shall be prepared for all required improvements and certified by a land surveyor or engineer registered in the State of Indiana. The improvements shall be designed on state plane coordinates. The Construction Plans shall include the following:
- 1. **Topographical Features Map:** A map noting significant physical and topographical features of the property, meeting the requirements of the City Engineer, that extends 100 feet beyond the boundary lines of the proposed development. This map shall also show the direction of the flow of surface water runoff to and from the site.
 - 2. **Street Profiles:** Profiles showing existing and proposed elevations along center lines of all streets. Where a proposed street intersects an existing street or streets, the elevation along the center line of the existing street or streets within 100 feet of the intersection shall be shown. Radii of all curves, lengths of tangents, central angles on all streets, and intersection details shall be shown.

4.3 Secondary Plat & Construction Plans (cont.)

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Major Subdivisions

3. Street Cross-Sections: Plans and profiles showing the location and typical cross-section of streets including curbs, gutters, rights-of-way, drainage facilities and easements, street trees, street lights, street signs, sidewalks, manholes, and catch basins.
 4. Street Systems Map: Plans identifying each street's functional classification (consistent with the Franklin Thoroughfare Plan) and showing the location of all street tree planting areas, street lights, street signs, sidewalks and/or pedestrian pathways, and permitted on-street parking areas.
 5. Utility Systems Map: Utility system plans showing the following:
 - a. the location, size, invert elevations, and top-of-casting of existing and proposed sanitary sewers, stormwater drains, water lines, gas lines, and fire hydrants, as applicable;
 - b. connections to any existing or proposed utility systems;
 - c. the location, size, material, and length of all pipes and other structures; and
 - d. the proposed horizontal alignment of manholes, pipes, culverts, streets and storm drain structures.
 6. Grading Plan: A site grading plan for the entire subdivision.
 7. Drainage Plan: Data regarding the proposed stormwater storage basin(s), including the top of bank elevation, invert elevations of primary and emergency spillways, size and pipe material of the primary spillway, emergency spillway shape and dimensions, and the width of the top of the embankment.
 8. Significant Features: Location, size, elevation, and other appropriate descriptions of any other existing physical and natural features or facilities including 100-year floodplains and floodways, water bodies, trees, the points of connection to proposed facilities and utilities, and the approximate high- and low-water elevations of all ponds, lakes, and streams.
 9. Other Approvals: Copies of any necessary approvals from other agencies, such as any required approvals from the US Army Corps of Engineers, Indiana Department of Environmental Management, Indiana Department of Transportation, Johnson County Drainage Board, or Indiana Department of Natural Resources.
 10. Other Features: Any other construction details required to be shown by the Planning Director, City Engineer, or Technical Review Committee.
- D. **Staff Review**: The Planning Director and City Engineer shall review the Secondary Plat and Construction plans, providing comments to the applicant and verifying the correctness of any required revisions.
1. Other Approvals: The applicant shall be responsible for obtaining the necessary approvals of any utility providers and other county, state, or Federal agencies not represented on the Technical Review Committee.

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4.3 Secondary Plat & Construction Plans (cont.)

2. Documentation of Findings: The Planning Director and City Engineer shall make written findings documenting any required revisions. The Planning Director shall maintain 1 file copy of the proposed Secondary Plat and Construction Plans, all application materials, and the signed, dated findings letter.
3. Appeals: All appeals of decisions by the Planning Director and/or City Engineer regarding the Secondary Plat shall be made to the Plan Commission. All appeals of decisions regarding the Construction Plans shall be made to the Board of Public Works & Safety.

4.4 Construction of Public Improvements

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Major Subdivisions

A. **Surety or Construction Options:** Upon approval of the Secondary Plat and Construction Plans, the applicant has 2 procedural options for completing the required improvements. The applicant may select either of the following procedures:

1. **Performance Surety:** The applicant may submit performance surety for the required improvements as described by Section 4.4(B).
2. **Construction of Improvements:** The applicant may construct all required improvements as described by Section 4.4(C).

Surety Option:
see Page 4-18 for
Construction Option
Description

B. **Performance Surety Option:** If the applicant chooses to submit performance surety prior to constructing the required improvements, the following process shall be followed:

1. **Secondary Plat and Performance Surety Submittal:** Upon Planning Director approval of the Secondary Plat and City Engineer approval of the Construction Plans, the applicant shall submit the following to the Planning Director:
 - a. **Secondary Plat and Construction Plans:** The approved Secondary Plat and Construction Plans with all required modifications. The Secondary Plat shall be shown at an appropriate scale, shall be drawn on reproducible mylar, and shall be on a sheet meeting the size and clarity requirements of the Johnson County Recorder.
 - b. **Surety:** Performance surety for the subdivision improvements. The surety shall meet all requirements of Article 5 of this Ordinance.
2. **Secondary Plat Review:** The Planning Director shall review the Secondary Plat submittal and associated materials to verify its consistency with all previous approvals and to verify that all required modifications have been made to the plat.
 - a. **Plan Commission Endorsement:** The approval of the subdivision shall be certified on behalf of the Plan Commission by the President and Secretary who shall affix their signatures to the Secondary Plat original.
 - b. **Board of Public Works and Safety Endorsement:** Following the signing of the Secondary Plat by the Plan Commission President and Secretary, the applicant shall contact the Board of Public Works and Safety to have the Secondary Plat scheduled for review at the next available Board meeting. At that meeting, the Board shall review the Secondary Plat's public dedications and other improvements, as well as the submitted performance surety for the construction of those improvements. If deemed acceptable, the Board of Public Works and Safety shall sign the Secondary Plat.
3. **Secondary Plat Recording:** It shall be the responsibility of the applicant to file the approved and signed Secondary Plat with the Johnson County Recorder within 30 days of the date of signature by Board of Public Works and Safety.

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Surety
Option

STEP

9

Surety
Option

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Surety
Option

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Major Subdivisions

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Surety
Option

11

STEP

Surety
Option

12

Construction Option:

see Page 4-17 for
Surety Option
Description

4.4 Const. of Public Improvements (cont.)

- a. *Other Documents:* Simultaneously with the filing of the Secondary Plat, the applicant shall record any agreements of dedication, covenants, and commitments together with any other legal documents that are required to be recorded. The filing and recording of a plat is without legal effect unless signed by the Plan Commission's President and Secretary and the Board of Public Works and Safety.
 - b. *Final Copy Provided:* The applicant shall be required to submit a copy of the recorded Secondary Plat to the Planning Director for the records of the Plan Commission.
 4. **Construction of Improvements:** No site work or earthwork shall be allowed until the Improvement Location Permit signifying the approval of the Construction Plans & recording of the Secondary Plat has been issued by the Planning Director. The inspection of all improvements shall comply with Chapter 5.5 of this Ordinance. All required improvements shall be made by the applicant, at his/her expense, without reimbursement by the local government or any other improvement district. Prior to the acceptance of the public improvements by the Board of Public Works and Safety, all applicants shall complete all of the required improvements as depicted on the approved Construction Plans.
 5. **Acceptance of Public Improvements:** Following the completion of the public improvements and their certification the applicant shall request that the matter be placed on the agenda of the Board of Public Works and Safety.
 - a. *Materials Required:* The applicant shall provide As-Built documentation consistent with Chapter 5.4 and surety meeting the requirements of Article 5.
 - b. *Review:* The Board of Public Works and Safety shall review the condition of the public improvements and surety. The Board shall consider input from the City Attorney, Planning Director, City Engineer, and the city departments responsible for the maintenance of the improvements.
 - c. *Approval:* If the condition of the public improvements and the surety are deemed to be acceptable, the Board shall accept the improvements.
- B. Construction of Improvements Option:** If the applicant chooses to construct all required improvements prior to the recording of the Secondary Plat the following process applies. Upon Planning Director approval of the Secondary Plat and City Engineer approval of the Construction Plans, the applicant shall submit to the Planning Director the approved Construction Plans with all required modifications. An Improvement Location Permit for the construction of the subdivision improvements shall then be issued.



4.4 Const. of Public Improvements (cont.)

4

Major Subdivisions

1. Construction of Improvements: No site work or earthwork shall be allowed until the Improvement Location Permit signifying the approval of the Construction Plans & Secondary Plat has been issued by the Planning Director. The inspection of all improvements shall comply with Chapter 5.5 of this Ordinance. All required improvements shall be made by the applicant, at his/her expense, without reimbursement by the local government or any other improvement district. Prior to the acceptance of the public improvements by the Board of Public Works and Safety, all applicants shall complete all of the required improvements as depicted on the approved Secondary Plat and Construction Plans.
2. Secondary Plat Submittal: Upon completion of the public improvements, the applicant shall submit the following to the Planning Director:
 - a. *Secondary Plat:* An approved Secondary Plat shown at an appropriate scale, drawn on reproducible mylar, and on a sheet meeting the size and clarity requirements of the Johnson County Recorder.
 - b. *Surety:* Maintenance surety for the subdivision improvements meeting the requirements of Article 5 of this Ordinance.
3. Secondary Plat Review: The Planning Director shall review the Secondary Plat submittal and associated materials to verify its consistency with all previous approvals. The approval of the subdivision by the Technical Review Committee shall be certified on behalf of the Plan Commission by the President and Secretary who shall affix their signatures to the Secondary Plat original.
4. Acceptance of Public Improvements: Following the completion of the public improvements and their certification the applicant shall request that the matter be placed on the agenda of the Board of Public Works and Safety.
 - a. *Materials Required:* The applicant shall provide As-Built documentation consistent with Chapter 5.4 and surety meeting the requirements of Article 5.
 - b. *Review:* The Board of Public Works and Safety shall review the Secondary Plat's public dedications and other improvements, submitted maintenance surety for those improvements, and the condition of the constructed public improvements. The Board shall consider input from the City Attorney, City Engineer, Planning Director, and the city departments responsible for the maintenance of the improvements.
 - c. *Approval:* If the Secondary Plat, completed public improvements, and maintenance surety are deemed to be acceptable, the Board shall sign the Secondary Plat.

STEP

8

Const.
Option

STEP

9

Const.
Option

STEP

10

Const.
Option

STEP

11

Const.
Option



4.4 Const. of Public Improvements (cont.)

5. Secondary Plat Recording: It shall be the responsibility of the applicant to file the approved and signed Secondary Plat with the Johnson County Recorder within 30 days of the date of signature by the Board of Public Works and Safety.
 - a. *Other Documents:* Simultaneously with the filing of the Secondary Plat, the applicant shall record any agreements of dedication, covenants, and commitments together with any other legal documents that are required to be recorded. The filing and recording of a plat is without legal effect unless signed by the Plan Commission's President and Secretary and the Board of Public Works and Safety.
 - b. *Final Copy Provided:* The applicant shall be required to submit a mylar copy of the recorded Secondary Plat to the Planning Director for the records of the Plan Commission.
- D. **Permit Restrictions:** No Improvement Location Permit shall be issued by the Planning Director for any subdivision improvements or for any structure on any subdivision lot prior to the receipt of a copy of the recorded Secondary Plat for the records of the Plan Commission, except in the following instances:
 1. Temporary Structures: The Planning Director may issue Improvement Location Permits for temporary structures, such as construction trailers, signs, and home sales trailers subject to the following conditions.
 - a. The structure shall be provided with adequate access from a public street.
 - b. The structure shall be provided with adequate sewage disposal and utility facilities.
 - c. The location and placement of the temporary structure shall not cause a hazard to the welfare of any members of the public as a result of the construction activities on the site.
 2. Model Homes: The Planning Director may issue Improvement Location Permits for model homes subject to the following conditions:
 - a. The home shall be provided with adequate access from a public street.
 - b. The home shall be provided with adequate sewage disposal and utility facilities.
 - c. The location and placement of the home shall not cause a hazard to the welfare of any members of the public as a result of the construction activities on the site.
 - d. Appropriate grading and drainage shall be completed for the model home site prior to the model's placement or construction.

4.4 Const. of Public Improvements (cont.)

- e. No more than 1 home may be located on any existing parcel or property. *Example: If the subdivision is occurring on one parcel of property then only one model home may be constructed prior to the recording of the Secondary Plat and the legal establishment of additional lots. Additional model homes are permitted following the recording of the Secondary Plat.*

E. **Occupancy Restrictions:** No permanent Certificate of Occupancy shall be issued for any structure until all required public improvements have been completed and accepted by the Board of Public Works and Safety for the lot that the structure occupies. In no instance shall this provision be interpreted as preventing the issuance of a temporary Certificate of Occupancy allowing the use of structures prior to the acceptance of public improvements.

Article 5

Surety & Inspections



Article Five: Surety & InspectionsPage

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5.1 Surety Requirements

- A. **Surety Required:** At the time when the Secondary Plat is placed on the Board of Public Works and Safety agenda for their signatures, the subdivider shall provide appropriate surety for the public improvements related to the subdivision (including both on and off-site improvements). All surety shall be filed with the Planning Director and maintained in the office of the City of Franklin Clerk-Treasurer.
- B. **Sectionized Plat Surety:** For Major Subdivisions that have been divided into sections for the purpose of a phased development, surety shall only be required to be provided for the public improvements included in the section that is the subject of the Secondary Plat approval request. This provision shall not be interpreted as relieving the subdivider of surety requirements for off-site improvements or those in previously recorded or future sections, that were/shall be required at the time of their respective Secondary Plat approval.
- C. **Surety Specifications:** All surety shall be in a format and amount consistent with this Article, including the following requirements:
1. Recipient: The surety shall be drawn in favor of the “City of Franklin, Indiana”.
 2. Provider: The surety shall be provided by a company certified to bond by the Federal government consistent with Circular 570 and any subsequent amendments.
 3. Improvements Requiring Surety: Performance surety shall be provided for all incomplete public improvements, including but not limited to street compaction, subsurface, base, and surface; street signs; street lights; street trees; pedestrian pathways; sanitary sewers; curbs; gutters; sidewalks; surface swales; subsurface and storm drainage systems; seeding/erosion control; monumentation; required through lot buffering & screening; and any other public improvements required by this Ordinance, the Plan Commission, or other appropriate public agency. Upon the acceptance of these public improvements by the Board of Public Works and Safety maintenance surety shall be provided.
 - a. *Lot Improvements:* Performance surety shall specifically include an amount to guarantee the completion of all lot improvements including, but not limited to, soil preservation, final grading, lot drainage, lawn seeding and/or sod, removal of debris and waste, and other items identified by the City Engineer.
 - b. *Temporary Improvements:* Performance surety shall be provided for the construction, maintenance, and removal of temporary public improvements. In the case of temporary turn-arounds for stub streets connecting to future development the performance surety shall provide only for installation, and maintenance surety shall be provided consistent with that for other subdivision improvements.

5.1 Surety Requirements (cont.)

4. Asphalt Surface Exception: A subdivider may request permission, in writing, of the City Engineer to delay the installation of the surface layer of asphalt until the binder layer has had a sufficient time period to prove its durability under the stress of traffic. The subdivider shall be required to submit a separate performance surety to cover the cost of the installation of the surface layer of asphalt.
5. Amount & Time Frame: The surety shall be in an amount and time period sufficient to adequately maintain completed improvements or to install yet incomplete improvements in compliance with this Ordinance. The subdivider's engineer or contractor shall supply an estimate of the cost of the improvements and their installation to aid the City Engineer in the determination of the amount of the surety. The petitioner's estimate, however, shall not be binding.
 - a. *Maintenance Surety:* Maintenance surety shall be provided in an amount equal to 25% of the cost of the public improvements and their installation and shall be provided for a period of 3 years from the date the improvements are accepted by the Board of Public Works & Safety.
 - b. *Performance Surety:* Performance surety shall be provided in an amount equal to 120% of the cost of the yet incomplete public improvements and their installation, and shall be provided for a time period sufficient to ensure the installation of the improvements, but not more than 2 years. The Board of Public Works and Safety may grant a maximum 1 year extension of the surety period, provided that replacement surety, reflecting the new time frame, is provided by the subdivider.
 - c. *Multiple-Use Surety:* If multiple types of improvements (such as street surface and sanitary sewers) are included on a single surety, the Board of Public Works & Safety shall be permitted to use the entire bond amount for the installation of a single improvement, regardless of any itemization that has been established.
6. Form of Surety: The surety shall be provided in the form of a bond, a certified check, an irrevocable letter of credit, or a certificate of deposit. The surety shall be consistent with U.S. Circular 570 and any subsequent amendments.
7. Applicability: The surety shall specifically list the name of the subdivision (including phase and/or section) to which it applies, the date from which it is valid, the time period for which it is valid, the public improvements to which it applies, and whether it is "maintenance" or "performance" surety. The surety shall further comply with all statutory requirements and shall be satisfactory to the City Attorney, City Engineer, Planning Director, and Clerk-Treasurer as to form, sufficiency, and manner of execution as set forth in this Ordinance.

5.1 Surety Requirements (cont.)

- D. **Performance Surety Reduction:** The amount of performance surety may be reduced upon the actual dedication and acceptance of portions of the public improvements for which the surety was originally posted. A maximum of 2 reductions are permitted during the life of any surety. Any such reduction shall be at the discretion of the Board of Public Works & Safety, based on the recommendation of the City Engineer. The reduction of performance surety shall follow the procedure for the release of performance surety provided by Chapter 5.2.
- E. **Building Permit Limitations:** No Improvement Location Permits shall be issued for structures on the final 25% or 2 lots (whichever is greater) in a subdivision section until all public improvements have been accepted by the Board of Public Works & Safety, and all performance surety for that section has been converted to maintenance surety.

5.2 Release of Performance Surety

- A. **Release Request:** Upon completion of the public improvements for which performance surety has been provided, the subdivider shall make a written request to the City Engineer for the release of the surety and the acceptance of public improvements. The request shall include the following:
1. Description of Improvements: a description of the public improvements that have been completed;
 2. Engineering Report: a report from the subdivider's engineer, who must be licensed by the State of Indiana, certifying that the improvements were completed consistent with all applicable requirements and standards, and that the improvements are free and clear of all liens and other encumbrances; and
 3. Maintenance Surety: maintenance surety for the public improvements consistent with the requirements of Chapter 5.1 of this Article.
- B. **Inspection of Improvements:** Appropriate inspections of the public improvements shall occur consistent with the provisions of Chapter 5.5 and the adopted policies of the City Engineer. Before any performance surety covering a street installation is released, the Planning Director or City Engineer may request that core borings of the street be done at the subdivider's expense. Cores shall be reviewed by an independent testing laboratory or registered engineer for analysis. Any requests for testing by the Planning Director and/or City Engineer may be appealed by the subdivider to the Board of Public Works & Safety.
- C. **Decision Criteria:** In reviewing requests for the release of performance surety the Board of Public Works and Safety shall consider the following:
1. Whether or not the improvements were completed in a manner consistent with the approved Primary Plat, approved Construction Plans, and all applicable standards and requirements;
 2. Whether or not the report provided by the subdivider's engineer is complete and satisfactory; and
 3. Whether or not the public improvements are in good condition and appropriate for use by the public.
 - a. All streets, sidewalks, and other pedestrian pathways shall be clear of all dirt, debris, standing water, and construction equipment and/or supplies.
 - b. All drainage structures shall be clear of sedimentation, debris, or other obstructions and be adequately secured to prevent access by the public.
 - c. All erosion control measures shall be consistent with applicable standards for the limiting of erosion and sedimentation.
 - d. The areas adjacent to all sidewalks and other pedestrian pathways shall be graded and seeded.

5.2 Release of Performance Surety (cont.)

- e. All sanitary sewer infrastructure and facilities shall meet the inspection, testing, and other requirements of the Superintendent of Public Works.
- D. **Default:** In any case where the required public improvements have not been completed prior to the date the performance surety expires, and the Board of Public Works and Safety and the subdivider are unable to reach agreement on an extension of the time frame for the surety and the completion of the public improvements, the Board may declare the surety to be in default. The required public improvements may then be installed by the City, using the funds from the surety.



5.3 Release of Maintenance Surety

- A. **Maintenance Required:** The subdivider shall be required to ensure that, upon acceptance by the Board of Public Works and Safety, public improvements are covered by maintenance surety and that they remain free of construction related defects for the term of that surety.
1. Inspections: The public improvements shall be subject to periodic inspection by the City. Written notice shall be provided to the subdivider of any defects that are detected and any corrections that are required. The subdivider shall make the necessary corrections consistent with all applicable requirements.
 2. Surety for Repairs: The Board of Public Works and Safety may require that additional maintenance surety be provided for any portion of the public improvement that was subject to repair for a time period of 3 years from the date the repair was completed.
- B. **Release Request:** Prior to the expiration of the surety, the subdivider shall make a written request to the City Engineer for the release of the surety on the expiration date. The request shall include the following:
1. Description of Improvements: a description of the public improvements to which the surety applies; and
 2. Engineering Report: a report from the subdivider's engineer, who must be licensed by the State of Indiana, certifying that the improvements remain free of construction related defects, and that the improvements are free and clear of all liens and other encumbrances.
- C. **Inspection of Improvements:** The Planning Director and City Engineer shall provide appropriate inspections of the public improvements, including a final on-site inspection.
- D. **Substitution of Performance Surety:** Subject to the approval of the Board of Public Works and Safety, the subdivider may provide a performance surety for any portion of the public improvements to be corrected in lieu of the completion of the correction in order to obtain the release of the maintenance surety.
1. Limitations: Generally, the use of performance surety in this manner shall be limited to instances when weather conditions or other features unique to the subdivision or nature of the public improvements prevent the timely completion of the required corrections.
 2. Timeframe: In no case may the time period provided for the completion of the corrections and the performance surety be more than 1 year from the date that notice of the required corrections is provided to the subdivider.

5.3 Release of Maintenance Surety (cont.)

- E. **Decision Criteria:** In reviewing requests for the release of maintenance surety the Board of Public Works and Safety shall consider the following:
1. Whether or not the improvements are free of construction related defects;
 2. Whether or not the report provided by the subdivider's engineer is complete and satisfactory;
 3. Whether or not the public improvements are in good condition and appropriate for use by the public.
 - a. All streets, sidewalks, and other pedestrian pathways shall be clear of all dirt, debris, standing water, and construction equipment and/or supplies.
 - b. All drainage structures shall be clear of sedimentation, debris, or other obstructions and be adequately secured to prevent access by the public.
 - c. All erosion control measures shall be effective consistent with applicable standards for the limiting of erosion and sedimentation.
 - d. The areas adjacent to all sidewalks and other pedestrian pathways shall be graded and seeded.
 - e. All sanitary sewer infrastructure and facilities meet the inspection, testing, and other requirements of the Superintendent of Public Works.
- F. **Default:** In any case where the public improvements are not deemed to be free of construction defects and otherwise in unsatisfactory condition prior to the date the maintenance surety will expire, and the Board of Public Works and Safety and the subdivider are unable to reach agreement on an extension of the time frame for the surety and the correction of the public improvements, the Board may declare the surety to be in default. The required corrections to the public improvements may then be made by the City, using the funds from the surety.

5.4 As-Built Documentation

- A. **As-Built Documentation Required:** As-Built documentation meeting the requirements of this Chapter shall be required for all completed public improvements. No public improvements shall be accepted by the Board of Public Works and Safety prior to the provision of acceptable As-Built documentation.
1. Hard-Copy Documentation: Finalized As-Built drawings shall be provided to the Planning Director.
 2. Electronic Documentation: Finalized As-Built electronic files shall be provided to the Planning Director in a format consistent with his/her requirements and the Rules and Procedures of the Plan Commission.
- B. **As-Built Drawing Specifications:** A professional land surveyor or engineer, licensed in the State of Indiana, shall certify all As-Built drawings. Finalized As-Built drawings shall be provided to the Planning Director and shall include the following information:
1. Street Profiles: Profiles showing elevations along center lines of all streets at 50 foot maximum intervals, at high and low points, and at all intersections.
 2. Grading Data: Building pad elevations, flow line elevations of the highpoint along side yard swales, and spot elevations along the flow line of rear yard swales at intersections with property lines and the midpoint of the swale on each lot. The distance between spot elevations along rear yard swales shall not exceed 50 feet.
 3. Utility Systems: Utility system documentation showing the following:
 - a. all structure and pipe inverts and top-of-castings;
 - b. all pipe sizes, materials, and the length of pipe structures;
 - c. the horizontal alignment of manholes, pipes, culverts, streets and storm drain structures to an accuracy of +/- 2 feet.
 4. Drainage Facilities: Data regarding the stormwater storage basin(s), including the top of bank elevation, invert elevations of primary and emergency spillways, size and pipe material of the primary spillway, emergency spillway shape and dimensions, and the width of the top of the embankment. The horizontal location and/or bank cross sections for all wet-bottom and dry-bottom storage facilities or other information sufficient to verify that constructed stormwater storage facilities provide the required minimum runoff storage volume shall also be indicated. The drawings shall include a certified statement that the completed storm water drainage system substantially complies with the approved Construction Plans.
 5. Other Information: Any other details required to be shown by the Planning Director or City Engineer.

5.5 Inspection of Public Improvements

- A. **Execution of Contractual Agreement:** As a condition of Construction Plan approval, the developer shall enter into a contractual agreement with the Board of Public Works and Safety to provide for public improvement inspection and testing services in accordance with the standards and procedures of this Ordinance. The agreement shall be subject to terms and conditions specified by the Board of Public Works and Safety.
- B. **Duties and Powers of Inspectors:** The City Engineer, or his / her designated representative, shall be responsible for adequate inspection of all public improvements constructed within the jurisdiction of the City of Franklin. Private improvements, including but not limited to drainage, streets, grading, and erosion control, shall also be subject to inspection when they are determined by the City Engineer to have the potential to affect adjacent property. The inspector shall perform, but not be limited to, the following duties:
1. Monitor: monitor work being performed to insure that it complies with the standards and specifications of this Ordinance;
 2. Record: maintain an accurate log of his / her inspections and findings;
 3. Enforce: issue directives or stop-work orders when necessary to assure compliance with this Ordinance; and
 4. Report: make reports to the Board of Public Works and Safety when necessary or requested.
- C. **Installation and Inspection of Improvements:** All improvements shall be installed consistent with the approved Construction Plans. The developer shall be responsible for requesting inspections consistent with the policies of the City Engineer. Inspection shall be required as follows:
1. Street Sub-Grade: When the street sub-grade has been graded to proper elevation and compacted in compliance with City specifications. No stoning or paving shall occur until approval has been granted by the inspector.
 2. Street Sub-Base: When the stone sub-base has been graded and compacted in compliance with City specifications. No paving shall occur until approval has been granted by the inspector.
 3. Street Paving: During the time of paving.
 4. Drainage Rough-In: When the land has been cut to grade and properly sloped in compliance with the approved Construction Plans.
 5. Open Trench Storm Sewer Rough-In: When all conduits or storm sewer structures that are to be at or below grade level are in place in the open trench.

5.5 Inspection of Public Improvements (cont.)



6. Open Trench Sanitary Sewer Rough-In: When all conduits or sanitary sewer structures that are to be at or below grade level are in place in the open trench. The developer shall provide the City Engineer with documentation of all requested tests and certification.
7. Sidewalk Sections: At the time relatively large sections of sidewalk involving several lots have been poured and all forms removed. No backfilling or grading shall occur until approval has been granted by the inspector. If sidewalks on a lot-by-lot basis, all work necessary for complete installation of the sidewalk, including backfilling, may occur without approval. The City Engineer may make periodic inspections of such sidewalks to assure compliance with approved Construction Plans and related specifications.
8. Subdivision or Section Completion: When work for all improvements in a subdivision (or subdivision section) has been completed.

Article 6

Subdivisions Standards

6

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6.1 Purpose & Use

- A. **Design Standards:** This Article provides the standards for all subdivisions. Every subdivider shall be required to install these general and public improvements consistent with the requirements of this Ordinance and any other applicable regulations.
- B. **Purpose:** The purpose of these regulations is to:
1. promote the proper arrangement of streets and other infrastructure;
 2. prevent congestion of streets and promote traffic safety;
 3. provide adequate public improvements;
 4. insure the accurate survey and proper preparation of plats; and
 5. protect the health, safety, and general welfare of the community.
- C. **Standards:** No Primary or Secondary Plat of land will be approved unless it conforms with the Zoning Ordinance. Whenever there is a variance between the minimum standards set forth in these regulations and those contained in the Zoning Ordinance, building code, or other regulations, the highest standards shall apply.

6.2 General Standards

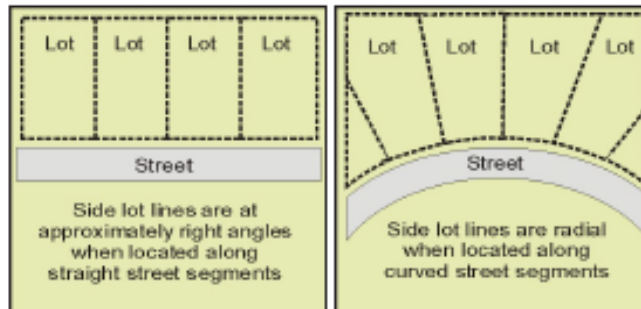


- A. **Land Suitability:** No land shall be subdivided for any use if the land is considered by the Plan Commission to be unsuitable for such use by reason of flooding or improper drainage, objectionable earth or rock formations, incompatible topography, or other features harmful to the health, safety and welfare of future residents or visitors or to the community as a whole.
- B. **General Welfare:** The subdivision design and layout shall be such that it protects the health, safety, and general welfare of the residents of the City of Franklin as defined by this Ordinance.
- C. **Applicable Regulations:** In addition to the requirements established by this Ordinance, all subdivision plats shall comply with the following guidelines, rules, laws, and regulations:
 - 1. The Zoning Ordinance, building code, Department of Public Works standards, all other applicable laws of the City of Franklin, and the statutory provisions of the State of Indiana.
 - 2. The current Comprehensive Plan, Parks & Recreation Master Plan, and any other applicable plans of the City of Franklin.
 - 3. The rules and regulations of the Indiana Department of Environmental Management, Department of Natural Resources, Board of Health, and other appropriate State agencies.
 - 4. The rules, regulations and standards of the Indiana Department of Transportation (if the subdivision abuts a state highway and/or affects an airport or railroad).
 - 5. The rules and regulations of the Johnson County Board of Health, Drainage Board, and other appropriate County agencies.
 - 6. All applicable planning and regulatory guidelines, including access control and driveway manuals, parking and traffic control ordinances, and other applicable guides published or adopted by the City of Franklin.
 - 7. The “Indiana Manual of Uniform Traffic Control Devices” and current AASHTO standards as specified by the City Engineer.
 - 8. The applicable specifications and requirements of the utility providers serving each subdivision.
- D. **Design Requirements:** All subdivisions should be designed on state plane coordinates. All Secondary Plats and “As-Built” drawings shall be made available to the City of Franklin in an electronic format specified by the Planning Director that can be referenced to state plane coordinates.
- E. **Utilities:** All utility lines shall be located underground throughout each subdivision. Whenever existing utilities lines are located above ground, except along public roads and rights-of-way, they shall be replaced underground. Service connections, placed underground, shall be provided to each lot by the subdivider.

See Also:

Franklin Zoning Ordinance
(Entrance / Drive Standards)

Examples of Lot Orientation to Streets



6.3 Lot Standards

A. **Health Department Compliance:** When not served by a water utility and public sewer, the lot sizes and other dimensions shall also conform with any additional requirements for the adequate provision of sewage treatment and water supply as determined by the Johnson County Health Department. In cases where the provisions of the Zoning Ordinance and requirements of the Health Department are in conflict, the more restrictive shall apply.

B. **Orientation to Streets:** The lot size, width, depth, shape, grade, location, and orientation shall be in proper relation to the street and block design and to existing and proposed topographical conditions.

1. **Side Lot Lines:** Side lines of lots shall be at approximately right angles to straight streets and on radial lines on curved streets. Some variation from this requirement is permissible, but irregular lots, such as flag lots shall generally be prohibited.

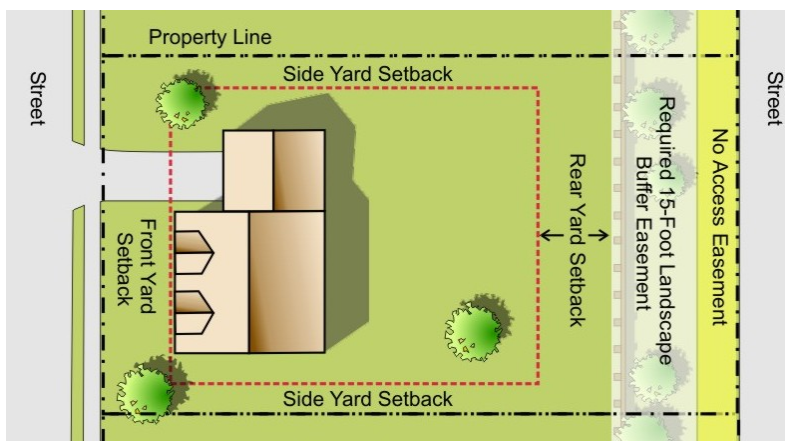
2. **Street Frontage:** Every lot shall abut a public street, or private street approved with a primary plat, consistent with the requirements of this Ordinance and the Zoning Ordinance.

C. **Double-Frontage Lots:** Double Frontage lots (also known as through lots) shall be avoided except where essential to provide separation of residential development from arterial and collector streets or to overcome specific disadvantages of topography and orientation.

1. For all residential through lots, a landscape common area or easement shall be provided between the yard of each lot and the right-of-way of the adjacent arterial / collector street.
2. The landscaped area shall be a minimum of 15 feet in width and shall meet the following requirements:
 - a. The landscape area shall be in addition to the minimum lot area required by the Zoning Ordinance.
 - b. A row of broad leaf / deciduous canopy trees shall be planted parallel to the adjacent arterial / collector street, within the landscape area, with one tree provided for every 300 square feet of landscape area. The trees shall measure 2 1/2 inches in diameter at 6 inches above the rootball at the time of planting.

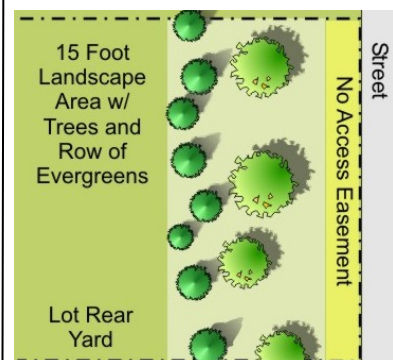
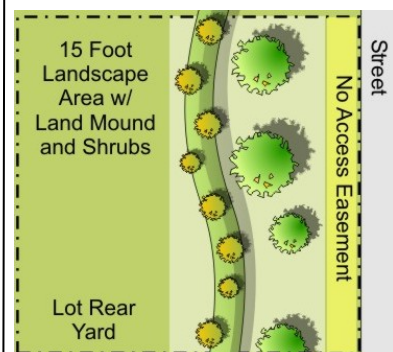
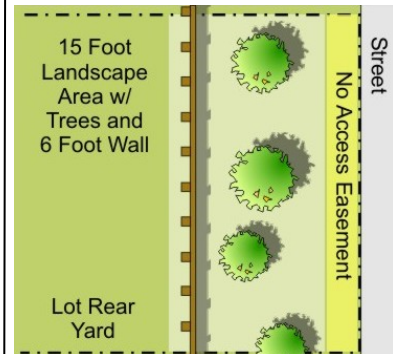
6.3 Lot Standards (cont.)

- c. A 6 foot tall opaque wooden fence, brick or stone wall, or alternate of similar material approved by the Plan Commission; a 4 foot tall undulating mound planted with shrubs, or a row of evergreen trees shall also be placed within the landscape area.
- i. If an undulating mound is used to fulfill the requirements, 1 shrub for every 5 feet of continuous boundary shall be planted on the mound. All required shrubs shall measure 18 inches in height, measured from grade, at the time of planting.
- ii. If a row of evergreen conifer trees is used to meet the requirements, 1 tree shall be placed every 10 feet along the common area. Evergreen conifers shall be a minimum of 6 feet in height, measured from the top of the rootball, at the time of planting.
- d. An association of lot owners in the subdivision shall be responsible for the maintenance and upkeep of any landscape common area.



- D. **Multiple Frontage Lots:** Corner lots, through lots, and other lots that have frontage on more than 1 street shall be required to provide front yard setbacks on all frontages, and shall be designed with adequate size and width to accommodate the required setbacks and to provide an adequate buildable area.
 - 1. Adequate buildable area shall be defined as that which is equal to the buildable area provided for interior lots in the same subdivision.
 - 2. A “no-access” easement shall be provided along all frontages from which this Ordinance, the Zoning Ordinance, or the Plan Commission indicates access shall be prohibited.
- E. **Lot Numbering:** Lots shall be numbered consecutively throughout the entire subdivision and shall be consistent with any phasing that may be planned for the development.

Landscape Buffer Options



Note: Street access for all lots shall meet the Entrance / Drive Standards of the Zoning Ordinance.

6.3 Lot Standards (cont.)

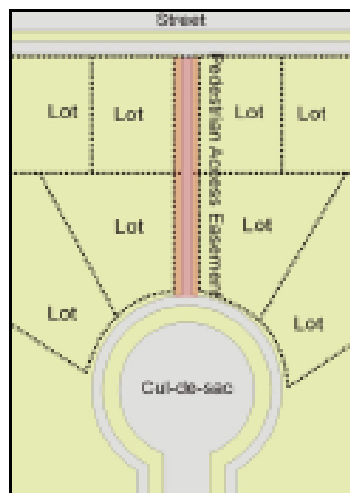
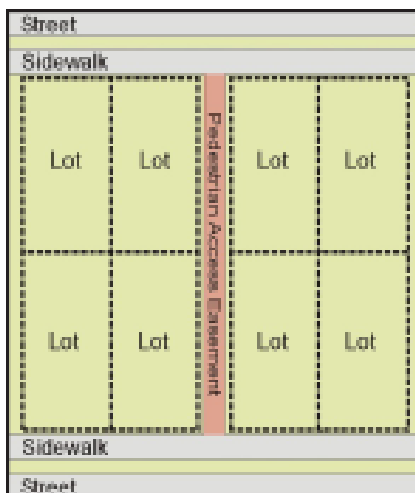
- F. **Lots Abutting a Watercourse:** Lots abutting a watercourse, drainage way, channel, stream, or flood plain shall have additional minimum width or depth as required to provide an adequate building site and accommodate the requirements of the Zoning Ordinance.
- G. **Street Access:** Access to streets shall generally be permitted in a manner consistent with the City of Franklin Thoroughfare Plan and the intent of the street system design for each subdivision.
1. **General Standards:** The Plan Commission may, upon the recommendation of the City Engineer, prescribe any treatment necessary for adequate protection of residential properties, and/or to afford separation of through and local traffic.
 2. **Arterial and Primary Collector Street Standards:** No lot zoned for purposes other than commercial or industrial use shall derive access from an arterial or primary collector street. Where a subdivision abuts or include an arterial or primary collector street the Plan Commission may require:
 - a. double frontage lots that include a no-access reservation along the property line shared with the arterial or primary collector street,
 - b. shared driveways or other marginal access designs,
 - c. frontage roads, and/or
 - d. alleys.
 3. **Secondary Collector Street Standards:** Where several adjoining lots are designed with access from a secondary collector street, the Plan Commission may require the use of shared driveways or other marginal access designs for those lots. The use of shared drives is specifically encouraged where non-residential uses access a secondary collector street.

6.4 Block Standards

- A. **Block Dimensions:** Block length, width, and acreage within bounding streets shall be appropriate to accommodate the size of lot required by the Zoning Ordinance for the district in which the subdivision is to be located, and to provide convenient access, circulation control, and traffic safety.
1. **Block Width:** Blocks shall have sufficient width to provide for 2 tiers of lots of appropriate depth. Exceptions to this prescribed block width shall be permitted where double frontage lots are used in blocks adjacent to arterial or collector streets, watercourses, or industrial or commercial areas.
 2. **Block Length:** Blocks shall not exceed 800 feet in length, nor be less than 200 feet in length. Block length shall be measured as the distance between center lines of intersecting streets.
- B. **Mid-block Access:** In blocks exceeding 600 feet in length and/or at the end of cul-de-sacs, the Plan Commission may require that a common area or easement be provided through the block to accommodate utilities, drainage, and/or pedestrians.

See Also:

*Chapter 6.10
(Sidewalk Standards)*



Mid-block Access Examples

1. **Common Area/Easement Standards:** Any required common area or easement shall be a minimum of 15 feet in width and shall be provided near the center and entirely across any block.
2. **Pedestrian Access Construction Standards:** All required pedestrian accesses shall be constructed consistent with the sidewalk standards provided in Chapter 6.10 and shall be a minimum of 4 feet in width.
3. **Maintenance & Ownership:** An association of lot owners in the subdivision shall be responsible for the maintenance and upkeep of any common area.

See Also:

Franklin Thoroughfare Plan (in Comprehensive Plan)

*Chapter 6.6
Street Geometric Standards*

*Chapter 6.7
Street Construction Standards*

*Chapter 6.8
Cul-de-sac Standards*

6.5 Street Arrangement Standards

- A. General Requirements:** The arrangement, character, width, grade, and location of all streets shall be consistent with existing and planned streets, existing topography, public convenience and safety, and the proposed land uses in the subdivision.
1. **Thoroughfare Plan:** The arrangement of all streets within each subdivision shall conform to the City of Franklin Thoroughfare Plan. Where the Thoroughfare Plan indicates the development of street system extensions or improvements, the construction and dedication of those streets shall be incorporated into the subdivision design. Rights-of-way shall be platted by the subdivider in the location and of the width recommended by the Thoroughfare Plan.
 2. **Natural Features:** Proposed streets shall be adjusted to the contour of the land in order to produce usable lots, provide streets of reasonable gradient, and preserve the aesthetic quality and natural drainage provided by the topography and natural features of the property.
 3. **Access:** The street layout shall provide adequate vehicular access to all lots and within the subdivision, to any remaining tract, and to all adjacent undeveloped properties and stubbed streets.
- B. Design Considerations:** In designing and reviewing subdivision street systems, the following factors shall receive consideration:
1. accessibility for emergency vehicles and school buses;
 2. safety for both vehicular and pedestrian traffic;
 3. efficiency of service for all users;
 4. connectivity between subdivisions and the development of complete communities; and
 5. economy of both construction and use of land.
- C. Private Streets:** The use of any private street is specifically discouraged.
1. **Construction Standards:** All private streets shall comply with all City of Franklin standards for public street construction. This shall include, but not be limited to, sidewalks, street trees, pavement width and construction, and drainage.
 2. **Width:** All private streets shall be included in an easement of width equal to the right-of-way that would be required if the street were public. This easement shall not be counted as a part of any lot for the purpose of that lot meeting the minimum size requirements for the district in which it is located.
- D. Pond Locations:** No subdivision shall be designed or constructed to allow any portion of a pond to encroach into a street right-of-way. If any portion of a pond is located within the building setback or build-to line or the slope from the street surface to the water's edge exceeds 1:5 (rise:run) then guard rails shall be required along the roadway consistent with the specifications of the City Engineer and the standards of the Indiana Department of Transportation.

6.5 Street Arrangement Standards (cont.)



- E. **Street Arrangement:** The arrangement of streets in all subdivisions shall promote the continuation of existing and proposed street systems, as well as the street system to be provided as a result of the subdivision construction.
1. **Street Functions:** Local streets shall be designed and arranged to discourage their use by through traffic. Arterial and Collector streets shall be designed to promote through traffic. Collector streets shall be used to create connections between subdivisions consistent with the Franklin Thoroughfare Plan.
 2. **Continuation of Existing and Proposed Street Systems:** The arrangement of streets in all subdivisions shall provide for the continuation of existing and proposed streets on immediately adjacent properties and in surrounding areas consistent with the Franklin Thoroughfare Plan.
 3. **Continuation of Subdivision Streets:** Right-of-way of proposed streets shall be extended to the boundary lines of the proposed subdivision so that either (1) at least one connection may be made to each adjacent undeveloped property, or (2) at least one connection may be made for every 1,600 feet of property line shared between the subdivision and adjacent undeveloped property. In cases where these provisions are in conflict, that which provides the most points of connectivity shall apply.
 - a. The Plan Commission may waive this requirement in cases where the Commission deems that any such extension is not feasible due to topography or other physical conditions, or not appropriate for the development of adjacent property consistent with the Comprehensive Plan.
 - b. No subdivision shall be designed so as to create or perpetuate the land-locking of any adjacent property.
 4. **Dead-End Streets:** All permanent dead-end streets shall include a cul-de-sac meeting the standards of Chapter 6.8. A temporary dead-end street may be permitted in any case in which a street is designed to be extended to adjacent properties in the future.
 - a. Any temporary dead-end street that extends more than 200 feet in length shall be provided with a temporary cul-de-sac or other turn-around consistent with the requirements of the City Engineer.
 - b. Any temporary turn-around shall be included in a roadway easement that shall be vacated to the property owners at the time the street is extended or the City Engineer determines that the turn-around is no longer needed.
 - c. All temporary dead-end streets shall be provided with street signs (consistent with Chapter 6.13) that indicate the road as being a “temporary dead-end”. The subdivider shall assume all costs of the installation of the signs.

6.5 Street Arrangement Standards (cont.)

5. Additional Collector Streets: The Plan Commission may require that streets anticipated to serve the lot counts specified below be designed, constructed, and designated as collector streets in addition to those shown on the City of Franklin Thoroughfare Plan.
 - a. Streets anticipated to serve between 150 and 300 lots may be considered secondary collector Streets.
 - b. Streets anticipated to serve greater than 300 lots may be considered primary collector Streets.
- F. **Limited Access Highway / Railroad Accommodation:** Where a subdivision borders on, or contains an existing or proposed interstate or other limited access highway or a railroad right-of-way, the Plan Commission may require (1) a street approximately parallel to, and on each side of the right-of-way, at a distance suitable for the appropriate use of the intervening land, or (2) screening meeting the requirements of Section 6.3(C).
 1. Parallel street separation distances shall be determined with due regard for the requirements of approach grades, future grade separations, and adequate locations for non-residential land uses. Streets parallel to a railroad shall be a minimum of 200 feet (measured from the edge of each right-of-way) from that railroad when intersecting a street that crosses the railroad at grade.
 2. The Plan Commission may require that any landscaped areas or intervening land strips be dedicated to the City as right-of-way, or to a lot owners association for the subdivision in which they are located.
- G. **Half-Streets (Single Lane Streets):** The construction and/or dedication of half-streets shall be prohibited. Whenever a half-street is adjacent to a property to be subdivided, the other half of the street shall be platted and constructed within the subdivision.
- H. **Improvement of Existing Streets:** Whenever a proposed subdivision borders or includes an existing street the design and construction of the subdivision shall include the reconstruction, re-alignment, or widening of such street; the provision of sidewalks; and any other improvement consistent with the requirements of this Ordinance for new streets developed as a part of a subdivision.
 1. Right-of-Way: Additional dedication of right-of-way may be required consistent with the adopted Thoroughfare Plan and/or for the construction of adequate passing blisters or tapers at intersections. The right-of-way shall be obtained by the subdivider and dedicated to the City prior to Secondary Plat approval.

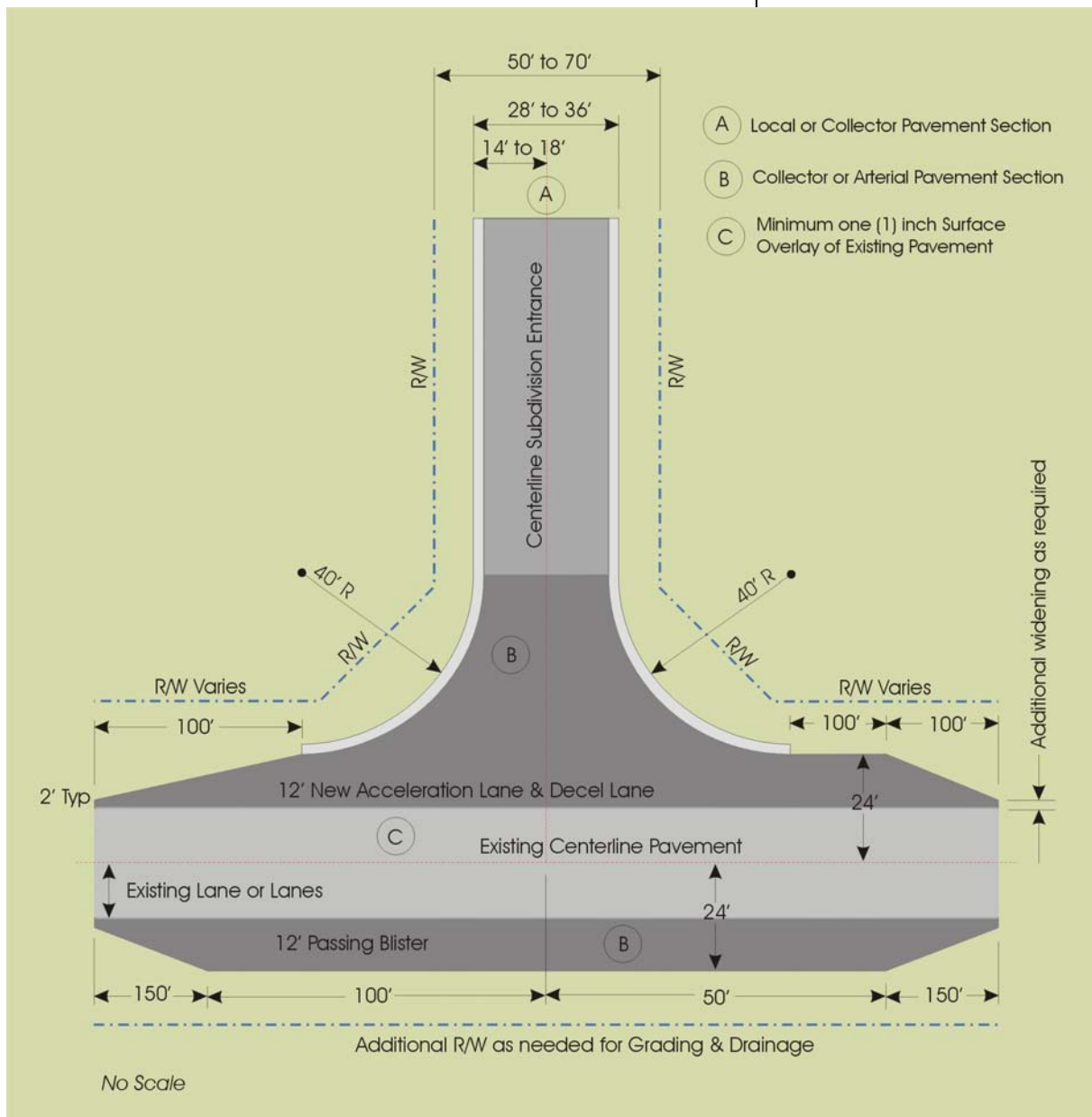
6.5 Street Arrangement Standards (cont.)

6

Subdivisions Standards

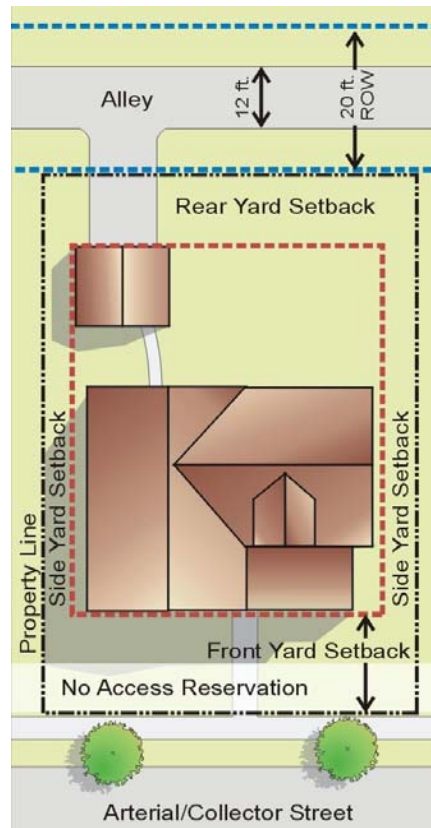
2. Intersection Improvements: At the intersection of a subdivision street or planned drive with an existing street, the subdivider shall install deceleration, acceleration, and passing lanes meeting the requirements of the City Engineer.
 - a. These improvements shall require a 1 inch overlay of bituminous surface, which extends across the full width of the existing street in addition to the new features.
 - b. The extreme ends of any taper and/or blister shall be the limits of the required improvements.
 - c. Butt joints shall be milled at the ends of the improvements to ensure a smooth transition.

Typical Intersection Improvements



6.5 Street Arrangement Standards (cont.)

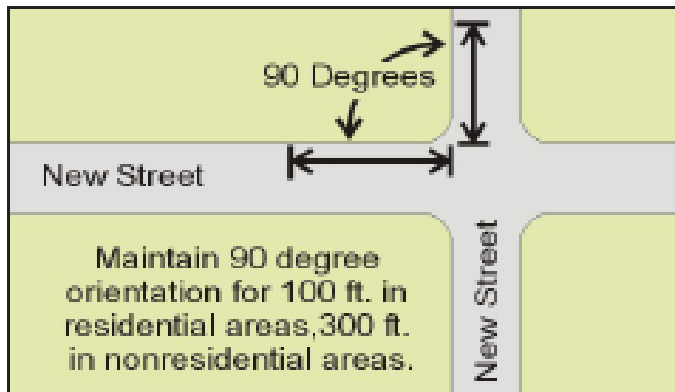
- I. **Alleys:** Alleys may be required at the discretion of the Plan Commission. All alleys shall have a minimum pavement width of 12 feet, shall be consistent with the design and construction standards provided in Chapters 6.6 and 6.7 of this Ordinance, and shall meet any additional requirements of the City Engineer.
1. Dead-end alleys shall be prohibited.
 2. The use of alleys shall be considered in the following circumstances.
 - a. *Service Access:* Alleys may be provided in order to accommodate service access and off-street parking and loading.
 - b. *Rear Access:* Where blocks are developed along an arterial or collector street alleys may be provided to allow vehicle access to lots fronting on that street.



Typical Alley Layout

6.6 Street Geometric Standards

- A. **General Requirements:** The functional classification of all streets shall be defined by the Thoroughfare Plan. The Plan Commission shall assign a classification, based on the provisions of the Thoroughfare Plan, to all proposed streets at the time of Primary Plat review and approval.
- B. **Street Measurement:** Street width shall be measured from back of curb to back of curb or from the edge of pavement where no curbs are present.
- C. **Intersection Requirements:** Street intersections shall be designed to promote the maintenance of the sight visibility triangle requirements of the Zoning Ordinance and shall be consistent with the following additional requirements:
1. **Intersection Angle:** Streets shall be laid out so as to intersect as nearly as possible at right angles. A proposed intersection of 2 streets at an angle of less than 75 degrees shall not be acceptable. All streets shall intersect at 90 degrees whenever possible and maintain the 90 degree orientation for a minimum distance of 100 feet in residentially used and/or zoned areas and a minimum distance of 300 feet in non-residentially zoned or used areas (measured from the centerline of the intersecting street).



2. **Maximum Intersecting Streets:** Not more than 2 streets shall intersect at any 1 point, unless specifically required to promote efficient and safe traffic movement or in response to a recommendation of the Thoroughfare Plan.

See Also:

Franklin Thoroughfare Plan (in Comprehensive Plan)

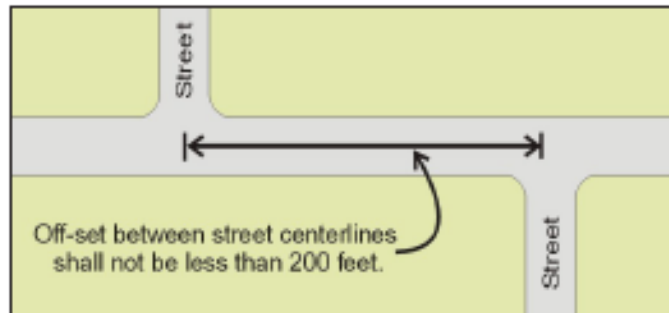
*Zoning Ordinance
(Sight Visibility Standards)*

Intersection Requirements Graphic

6.6 Street Geometric Standards (cont.)

3. Intersection Radii: Street intersections shall be rounded by minimum radii consistent with the Street Geometric Design Requirements table in this Chapter (page 6-18). The minimum radii shall be increased as required by the City Engineer when the angle of street intersection is less than 90 degrees in non-residential areas and/or where necessary to accommodate a school bus or emergency vehicle. The radii at alley intersections and abrupt mid-block alignment changes shall have corner designs consistent with the requirements of the City Engineer.
4. Approach Grade: Intersections shall be designed with a flat grade wherever practical. A leveling area shall be provided having not greater than a 2% grade. The leveling area shall extend for a distance of 100 feet in either direction of the intersection, measured from the center line of the intersecting street.
5. Intersection Off-sets: Proposed new intersections along 1 side of an existing street shall, whenever practicable, coincide with any existing or proposed intersection on the opposite side of such street. Street jogs with center line offsets of less than 200 feet shall not be permitted. Where necessary to accommodate turning lanes and other features, longer off-sets may be required by the City Engineer.
 - a. Where local streets intersect with a collector or arterial street the local street alignment shall be continuous.
 - b. Intersections of collector and arterial streets with each other shall generally be separated by a minimum distance of 800 feet.

Intersection Off-sets Graphic



Note: See also the Entrance / Drive Standards of the Zoning Ordinance

6. Corner Right-of-Way: The right-of-way shall follow the curb line on all corners in order to maintain a consistent distance between the back-of-curb and the edge of the right-of-way.

6.6 Street Geometric Standards (cont.)

7. **Intersection Visibility Requirements:** Intersection visibility is the measurement from 3.5 feet above the pavement surface, at a distance of 10 feet back from the travel lane, to an object 51 inches high on the pavement in the appropriate travel lanes of the intersecting street. Clear visibility, measured along the centerline of the road shall be provided for the minimum distance established by the Intersection Visibility table below. The City Engineer may establish additional requirements based on applicable AASHTO standards and common practices.

Intersection Visibility Standards

Posted Speed Limit	Minimum Line of Sight
25 MPH	350 feet
30 MPH	400 feet
35 MPH	470 feet
40 MPH	580 feet
45 MPH	710 feet
50 MPH	840 feet
55 MPH	990 feet

8. **Additional Requirements:** At any intersection acceleration and deceleration lanes, passing or left turn lanes, and other traffic management features may be required by the Plan Commission and/or City Engineer.
- E. **Vertical Grade Requirements:** The maximum vertical grade shall not exceed a maximum of 7.5% for all residential local streets and alleys, 7% for non-residential local streets, 6% for collector streets, and as specified by the City Engineer for arterial streets. In order to ensure proper drainage, the minimum grade for all streets shall be 0.5%.
- F. **Reverse Curve Requirements:** The minimum tangent length between reverse curves shall be 100 feet for local residential streets and alleys, 150 feet for local non-residential streets, 200 feet for collector streets, and as specified by the City Engineer for arterial streets.
- G. **Horizontal Curve Requirements:** In instances where the street centerline deflects more than 5 degrees connections shall be made through the use of horizontal curves. The minimum curve radius shall be 100 feet for local residential streets and alleys and 200 feet for collector residential streets. Requirements for non-residential and arterials streets and unique circumstances shall be as specified by the City Engineer in accordance with AASHTO standards.

Street Visibility Graphic

Note: The on-street parking design requirements do not mandate the on-street parking of vehicles, but rather are intended to result in street designs that accommodate on-street parking in higher-density areas where it is likely to occur. In no instance shall this on-street parking be considered a substitute for the off-street parking required by the Zoning Ordinance. The on-street parking areas are intended only for the temporary storage of motor-vehicles. The long-term storage of vehicles, sports equipment, recreational vehicles, etc. may be considered a traffic code violation and shall be enforced by the City of Franklin.

6.6 Street Geometric Standards (cont.)

- H. **Cross Slope Requirements:** The cross slopes on all streets, including intersections, shall be 3% or less. Typical cross slopes of streets shall be set at 2%.
- I. **Clear Visibility Requirements:** Clear visibility, measured along the centerline of the street, shall be provided for a minimum of 600 feet on all arterial streets, 400 feet on all collector streets, and 200 feet on all local streets.



- J. **On-Street Parking Design Requirements:** Street designs shall include provisions for on-street parking consistent with the Street Geometric Design Requirements table on page 6-18. On-street parking shall be provided at the discretion of the Plan Commission, consistent with the following guidelines.
 - 1. **Residential Requirements:** On-street parking guidelines for residential areas shall be as follows:
 - a. **Local Street No Parking:** On-street parking should not be required in residential subdivisions where the gross density is less than 2 dwelling/unit per acre.
 - b. **Local Street 1-side Parking:** On-street parking should be required on 1 side of all local streets in residential subdivisions where the gross density is at least 2 dwelling units per acre but no more than 6 dwelling units per acre.
 - c. **Local Street 2-side Parking:** On-street parking should be required on both sides of all local streets in residential subdivisions where the gross density is greater than 6 dwelling units per acre.
 - d. **Collector and Arterial Street Parking:** On-street parking shall be provided on collector streets in residential subdivisions at the discretion of the Plan Commission.
 - 2. **Non-Residential Requirements:** On-street parking shall be provided on non-residential streets at the discretion of the Plan Commission.

6.6 Street Geometric Standards (cont.)



- K. **Street Geometric Design Requirements:** All streets shall conform to the minimum specifications established by the Street Geometric Design Requirements table (page 6-18) based on the classification provided by the Thoroughfare Plan or otherwise assigned by the Plan Commission. The urban cross-section shall be used for all streets unless the Plan Commission grants a specific waiver allowing the use of the rural cross-section based on the following:
1. the use of a natural drainage system is preferred for the subdivision, or
 2. the subdivision is characterized by clearly unique topography that makes the urban cross-section impossible or impractical.
- L. **Bicycle Lanes:** All street designs shall consider any applicable bike lane requirements. Where bike lanes are required they shall be designed consistent with AASHTO standards and the requirements of the City Engineer.
- a. The minimum width for a 2-way path, separated from the street shall be 8 feet.
 - b. All bikeways along the street shall be 1-way paths, moving with the direction of traffic on the street. The minimum width for a 1-way path shall be 4 feet.

6.6 Street Geometric Standards (cont.)

Street Geometric Design Standards -
Urban Cross-Section (see Section 6.6(K))

Design Standard (all measurements in feet)	Alley	Local Street		Collector Street			Arterial Street*
		Residential	Non-Residential	Secondary		Primary	
				Residential	Non-Residential		
Right-of Way Width (no parking)	20	50	50	50	60	70	*
Right-of Way Width (parking on 1 side)		50	60	60	60	70	*
Right-of Way Width (parking on 2 sides)		50	60	60	60	70	*
Pavement Width (no parking)	12	24	30	28	30	30	*
Pavement Width (parking on 1 side)		28	32	30	30	32	*
Pavement Width (parking on 2 sides)		30	40	36	36	40	*
Curb Requirement	None Required	Vertical or Rolled	Vertical or Rolled	Vertical or Rolled	Vertical	Vertical	*
Pavement/Sidewalk Separation		5 feet	5 feet	5 feet	5 feet	5 feet	*
Sidewalk Width		4 feet	4 feet	4 feet	4 feet	4 feet	*
Maximum Grade***	7.5%***	7.5%***	7%***	6%***	6%***	6%***	*
Minimum Grade	0.5%	0.5%	0.5%	0.5%	0.5%	0.5%	*
Minimum Reverse Curve Tangent Distance**	100**	100**	150**	200**	200**	200**	*
Minimum Corner Radius**	25**	25**	30**	40**	40**	40**	*
Minimum Curve Radius**	100**	100**	100**	200**	200**	200**	*
Minimum Clear Visibility**	200**	200**	200**	400**	400**	400**	*

* All arterial street designs shall be consistent with the requirements of the City Engineer and INDOT.

** Subject to additional requirements and any alternate standards established by the City Engineer and/or INDOT, based on street design speed.

*** See also Intersection Approach Grade requirements of Section 6.6(C)(4)

Street Geometric Design Standards -
Rural Cross-Section (see Section 6.6(K))

Design Standard (all measurements in feet)	Local Street		Collector Street	Arterial Street*
	Residential	Non-Residential		
Right-of Way Width (no parking)	70	70	80	*
Pavement Width (no parking)	26	30	36	*
Maximum Grade**	7.5%	7%	6%	*
Minimum Grade	0.5%	0.5%	0.5%	*
Minimum Tangent Distance	100	150	200	*
Minimum Corner Radius	25	30	40	*

* All arterial street designs shall be consistent with the requirements of the City Engineer and INDOT.

** See also Intersection Approach Grade requirements of Section 6.6(C)(4)

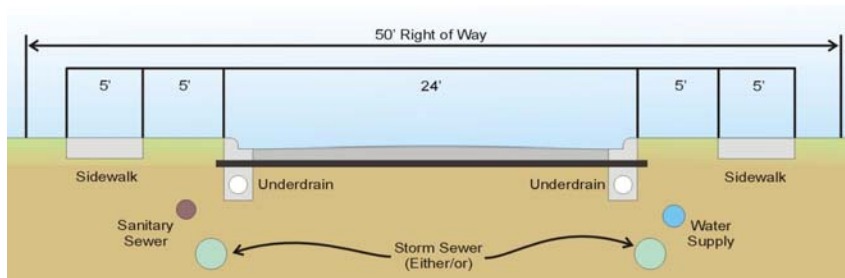


6.6 Street Geometric Standards (cont.)

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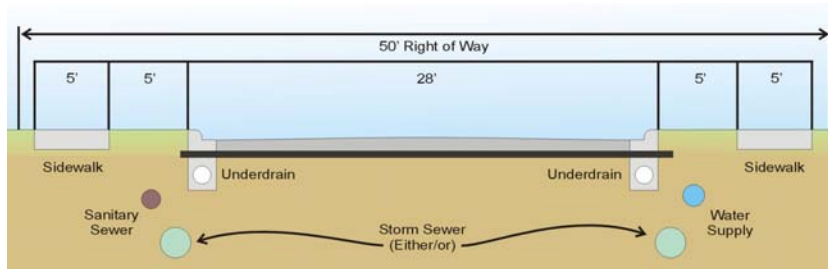
Subdivisions Standards

No parking

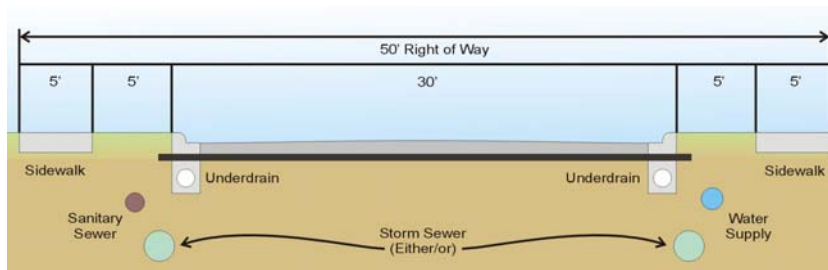


Cross-Section
Examples:
Local Residential
Street Design
Options

Parking 1-Side



Parking 2-Sides



See Also:

Chapter 5.5
(Inspection of Improvements)

6.7 Street Construction Standards

- A. General Requirements:** All streets and alleys shall be completed to the grades shown in the plans, profiles and cross-sections provided in the approved subdivision Construction Plans consistent with the requirements of this Chapter.
- Design Professionals:** All plans shall be prepared by a professional engineer or surveyor licensed in the State of Indiana.
 - Inspections:** All stages of street construction must be inspected consistent with the adopted procedures of the City of Franklin.
 - INDOT Specifications:** All materials, mixtures, and workmanship shall conform to current Indiana Department of Transportation specifications.
 - Street Hierarchy:** At the intersection of streets with different functional classifications, as indicated on the Thoroughfare Plan or determined by the Plan Commission, all new street construction shall conform to the standards provided by this Chapter for the highest classification.
- B. Construction Requirements:** The streets shall be graded, surfaced, and improved to the dimensions shown in the Street Construction Requirements table and shall meet the following standards:
- Abnormal Use:** Additional requirements may be imposed by the City Engineer to account for unusual soil conditions, extraordinary traffic volume, heavy loads, or other abnormal use characteristics.
 - Poor Drainage:** Poorly drained ground or unsuitable material may require the use of #2 stone under the base, consistent with the requirements of the City Engineer.

Street Construction Requirements

Pavement Requirements	Alley	Local Street		Collector Street		Arterial Street*
		Residential	Non-Residential	Secondary	Primary	
Concrete (Option #1)						
Concrete Pavement with Wire Mesh	5 inches	6 inches	7 inches	7 inches	8 inches	9 inches*
Compacted Aggregate #53 Base	4 inches	4 inches	4 inches	4 inches	4 inches	4 inches*
Total Thickness	9 inches	10 inches	11 inches	11 inches	12 inches	13 inches*
Asphalt (Option #2)						
HMA Surface	1 inch	1.5 inches	1 inch	1 inch	1 inch	1 inch*
HMA Binder	3 inches	3.5 inches	2 inches	2 inches	2 inches	3 inches*
HMA Base			4 inches	4 inches	6 inches	6 inches*
Compacted Aggregate #53 Base	8 inches	8 inches	8 inches	8 inches	8 inches	8 inches*
Total Thickness	12 inches	13 inches	15 inches	15 inches	17 inches	18 inches*

* Arterial street construction is subject to the additional standards of the City Engineer and/or INDOT.



6.7 Street Construction Standards (cont.)



3. Soil Stabilization: A lime or cement stabilized base may be used at the discretion of the City Engineer. If lime stabilization is used, the stone base thickness required for the asphalt construction option may be reduced by 2 inches, or the 4 inches of stone required for the concrete construction option may be deleted.
 4. Underdrains: Underdrains shall be required along the edge of all streets. Underdrains shall be 6 inch PVC with 8 inches washed gravel backfill with a minimum depth 24 inches from the street subgrade to the pipe invert.
 5. Base Grade: The final grade of the base and all road surfaces shall be 2% from the center to both edges.
 6. HMA Standards: All hot mix asphalt (HMA) materials and application must meet Indiana Department of Transportation (INDOT) specifications, unless otherwise modified by the provisions of this Ordinance. All HMA mixing and application shall be performed under proper weather conditions as defined by the City Engineer.
 7. Base Width: The aggregate base for all streets shall extend 2 feet beyond the road surface on both sides of the road. Where curb and gutter is not required, 4 foot wide shoulders of compacted aggregate shall be required on each side of all local and collector streets, and 8 foot wide shoulders of compacted aggregate shall be required on all arterial streets.
 8. Concrete Street Specifications: Concrete streets shall be constructed with 4000 PSI minimum compression strength and shall be 5-7% air entrained. Contraction and expansion joints shall meet the following requirements:
 - a. *Contraction Joints*: Concrete streets shall have contraction joints linearly every 10 feet, at every manhole, and elsewhere as specified by the City Engineer.
 - b. *Expansion Joints*: Concrete streets shall have expansion joints every 400 feet and elsewhere as specified by the City Engineer.
 9. Excavations: Any excavations within 5 feet of a street shall be backfilled with Compacted #53 stone in 8 inch lifts.
- C. **Grading Specifications**: All streets and alleys shall be graded to their full widths by the subdivider so that street pavements and sidewalks can be constructed on the same level plane. Deviation from this standard due to special topographical conditions will be allowed only with the approval of the City Engineer.
1. Preparation of the Subgrade: Before grading is started, the entire right-of-way area shall be first cleared of all tree stumps, roots, brush, and other objectionable materials and of all trees not intended for preservation. The subgrade shall be properly shaped, rolled, and uniformly compacted to conform with the accepted cross-section and grades.

6.7 Street Construction Standards (cont.)

- a. All subgrade shall pass inspection consistent with Chapter 5.5 of this Ordinance and other adopted policies of the City of Franklin.
 - b. Inspection shall include an acceptable proof roll the full length of each driving lane by a loaded tandem truck or tri-axle provided by the developer, with a minimum load being 20 tons. Depressions by the truck wheels that exceed 1/4 inch or greater will constitute rejection of the subgrade area and require a subsequent re-test. Changes in earth or site conditions may result in the need for additional proof rolls, as determined by the City Engineer.
2. **Cuts:** In cuts, all tree stumps, boulders, organic material, soft clay, and other objectionable materials shall be removed to a depth of at least 2 feet below the graded surface. Rock, when encountered, shall be removed to a depth of at least 12 inches below the graded surface.
 3. **Fills:** In fills, all tree stumps, boulders, organic material, soft clay, and other objectionable materials shall be removed to a depth of at least 2 feet below the natural ground surface. This objectionable matter, as well as similar matter from cuts, shall be removed from the right-of-way area and disposed of so that it will not become incorporated in fills or hinder proper drainage system operation.
- D. **Bridges:** Bridges of primary benefit to the subdivision, as determined by the Plan Commission and/or Board of Public Works and Safety, shall be constructed at the full expense of the subdivider. All culverts and bridges that are intended to be incorporated into the Johnson County bridge system shall conform to the most recent *Johnson County Bridge and Culvert Standards*.

6.8 Cul-de-Sac Standards



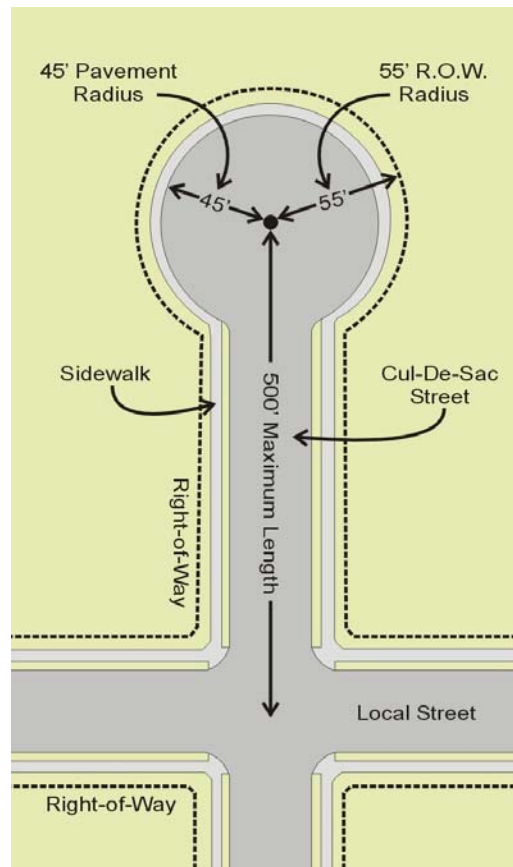
- A. **General Requirements:** Cul-de-sacs (permanent dead-end streets) may be permitted by the Plan Commission only in locations where one of the following conditions exist:
1. Natural Barriers: the construction of a through street is not possible do to the presence of natural barriers,
 2. Adjacent Development: the construction of a through street is not possible do to the presence of adjacent development that provides no opportunities for connecting any through street, or
 3. Ample Connections: ample through streets are already provided in the area, or are otherwise proposed to be provided (in the opinion of the Plan Commission).
- B. **Design Requirements:** All cul-de-sacs streets shall meet the following design requirements:
1. General Design Standards: The cul-de-sac street shall be designed to meet the standards for a local street consistent with its use (residential or non-residential). The minimum pavement and right-of-way radii and other design features of the cul-de-sac turn-around shall be consistent with the Cul-de-sac Design Standards table on page 6-24.
 2. Limitations: In no case may an arterial or collector street terminate in a cul-de-sac.
 3. Maximum Length: The maximum length of any cul-de-sac streets shall be 500 feet, measured along the centerline from its intersection with the centerline of another street to the center of the turn-around right-of-way.
 4. Street/Turn-Around Transitional Curve Radii: The intersection of the cul-de-sac street segment and the cul-de-sac turn-around shall feature a transitional curve with a minimum radius of 50 feet for residential areas and 100 feet for non-residential areas. The radius shall be measured at the curb.
 5. Landscape Islands: Landscape islands shall be required in all residential cul-de-sacs, but shall be prohibited in all non-residential cul-de-sacs. Landscape islands shall measure between 15 and 20 feet in diameter for urban cross-section streets and 20 to 30 feet in diameter for rural cross-section streets. All such islands shall be curbed, shall be planted with grass, and may include trees meeting the specifications of Chapter 6.14.
 5. Parking Prohibited: On-street parking shall be prohibited within the turn-around of the cul-de-sac.
 6. Mailboxes: All mailboxes for lots accessed from the turn-around of the cul-de-sac shall generally be clustered together at a single location, subject to City review and approval.
 7. Driveways: All driveways accessing the turn-around of the cul-de-sac shall generally be grouped at common property lines to maximize the availability of snow storage areas.

6.8 Cul-de-Sac Standards (cont.)

- C. **Construction Requirements:** All cul-de-sac streets shall be constructed to meet the standards for a local street consistent with its use (residential or non-residential).

Cul-de-sac Design Standards

Design Standard (all measurements in feet)	Residential Street		Non-Residential Street	
	Urban Section	Rural Section	Urban Section	Rural Section
Right-of Way Radius	55	75	65	75
Pavement Radius	45	55	55	55
Curb Requirement	Vertical or Rolled		Vertical or Rolled	
Pavement/Sidewalk Separation	5 feet		5 feet	
Sidewalk Width	4 feet		4 feet	
Maximum Grade	7.5%	7.5%	7%	7%
Minimum Grade	0.5%	0.5%	0.5%	0.5%



Residential
Cul-de-sac
Graphic



6.9 Curb & Gutter Standards



- A. **General Requirements:** Poured concrete curbs and gutters shall be provided on all streets designed with the urban cross-section and on any other street as specifically required by the Plan Commission at the time of Primary Plat review.
1. **Curb Locations:** Where curbs are required, they shall be installed on each side of the street surface and are to be considered as part of the street.
 2. **Curb Types:** Where curbs are required, vertical or rolled curbs shall be provided on all streets, consistent with the requirements of the Street Geometric Design Standards table in Chapter 6.6.
- B. **Gutter Grade Requirements:** The minimum grade of any street gutter shall not be less than 0.5%.
- C. **Construction Requirements:** All curbs and gutters shall be constructed to the applicable adopted standards of the City of Franklin and the specifications of the City Engineer. Curbs and gutters shall also meet the following requirements.
1. **Inlets:** Additional inlets shall be required when encroachment of storm water into the street will disrupt traffic under the 10-year storm design, consistent with Chapter 6.19.
 2. **Inlet Grates:** Inlet grates should be depressed slightly below the plane of the gutter to improve removal of runoff water. Inlet grates shall be heavy-duty type and appropriate for bicycle traffic.
 3. **Joints:** All curbs shall be constructed with 1.5 inch minimum depth control joints every 10 feet and 1/2 inch expansion material at all sides of structures.
 4. **Width and Material:** Curbs and gutters shall have a 24 inch minimum width and shall be constructed with 6 bag, air entrained concrete.
 5. **Vertical Face:** Curbs and gutters shall provide a 4 inch vertical face on all local and collector residential streets and a 6 inch vertical curb face on all non-residential and arterial streets.

6.10 Sidewalk & Trail Standards

A. **General Sidewalk Requirements:** Sidewalks shall be provided along all streets designed with the urban cross-section and on any other street as specifically required by the Plan Commission at the time of Primary Plat review.

1. Location: Where sidewalks are required, they shall be provided on both sides of the street and shall completely encircle the turn-around of any cul-de-sac.
 - a. All required sidewalks shall be located within the street right-of-way, or within a 5 foot wide easement adjacent to an Indiana Department of Transportation right-of-way.
 - b. Concrete curbs may be required by the Plan Commission and/or City Engineer for all streets where sidewalks are to be provided.
2. Width: All sidewalks shall be a minimum of 4 feet in width. The Plan Commission may require additional sidewalk width in commercial or mixed-use areas intended to promote pedestrian travel.
3. Pavement/Sidewalk Separation: Sidewalks shall be separated from the back of curb of the adjacent road by a minimum width of 5 feet. All areas between the back-of-curb and sidewalk that are not used for drives accessing individual properties from the street shall be planted and maintained as grass lawns.
4. Additional Pedestrian Access: In order to provide pedestrian access from a street to other streets or centers of activity, the Plan Commission may require that additional sidewalks be provided. These sidewalks shall meet the design and construction standards of this Chapter, and shall be included in perpetual, unobstructed easements measuring a minimum of 15 feet in width.
 - a. A subdivision lot owner's association shall be the holder of any sidewalk easements internal to a development.
 - b. Sidewalks external to the development shall be included in easements held by the City of Franklin.
5. Trail Substitution: An 8 foot wide asphalt path located along 1 side of a collector street may be substituted by the subdivider for the sidewalks required along both sides of the same street. All such trails shall meet the requirements of Section 6.10(D) of this Ordinance and any additional specifications of the City Engineer.

B. **Sidewalk Waiver Considerations:** The Plan Commission shall only permit a waiver of the sidewalk installation requirements of this Ordinance under the following circumstances:

1. Design Context: The subdivision serves as an addition to an existing residential neighborhood without sidewalks where the addition of sidewalks would be incompatible with existing landscaping, site design, and/or pedestrian and vehicle patterns.
2. Pending Public Project: Sidewalks are scheduled to be installed as part of a city or state improvement project that has been funded for construction.

6.10 Sidewalk & Trail Standards (cont.)



3. INDOT Recommendation: The Indiana Department of Transportation has recommended, in writing, that no sidewalks be constructed.
 4. Impractical Conditions: A combination of conditions (such as topography, low pedestrian volumes, etc.) exist that make sidewalk construction and/or use impractical.
- C. Sidewalk Construction Requirements:** Sidewalks shall be constructed consistent with the following requirements:
1. Materials: Sidewalks shall be constructed of six bag, air entrained, Portland cement concrete.
 - a. All sidewalks shall have a minimum thickness of 4 inches unless specifically noted below.
 - b. All sidewalks greater than 6 feet in width shall have a minimum thickness of 5 inches with fiber mesh reinforcement, or 6 inches without reinforcement.
 - c. All sidewalks crossing driveways shall be a minimum of 6 inches thick.
 2. Slope: All sidewalks shall slope to the street at a rate of 2%. Sidewalk slope may be varied through a gradual transition to match existing, adjoining walks. The street side edge of the sidewalk shall be located above the adjacent curb 1/2 inch for every 1 foot of separation horizontally between it and the curb.
 3. Finish: All sidewalks shall have a uniform texture with a “broom” finish. Stamped imprints indicating the contractor and date of construction shall not exceed an area greater than 4 inches by 6 inches per property, and a depth of 1/4 inch.
 4. Joints: All sidewalk joints shall be spaced to form square panels and must be delineated through driveways. All joints shall also meet the following specifications:
 - a. *Tooled Joints:* Tooled joints are permissible for all sidewalks less than 6 feet in width. Framing is permissible on sidewalks with tooled joints and should match existing, adjoining sidewalks. Framing shall have a maximum depth of 1/16 inch. Joint depth shall be 1/4 the thickness of the sidewalk, and joint width shall be minimized.
 - b. *Sawed Joints:* Sawed joints are permissible for all sidewalk widths and shall be equal to 1/4 of the sidewalk thickness.
 - c. *Expansion Joints:* Performed expansion joints, 1/2 inch in width, shall be installed at approximately 100 foot intervals or at each property line, whichever occurs more frequently. They shall also be installed adjacent to all curb ramps.

6.10 Sidewalk & Trail Standards (cont.)

- D. **Trail Requirements:** Recreational trails shall be provided within subdivisions by the subdivider where indicated by the City of Franklin Comprehensive Plan's Greenways Trail Plan and the most recent Franklin Parks & Recreation 5-year Master Plan.
1. All trails shall be a minimum of 8 feet in width and shall meet the specifications of the Franklin Department of Parks and Recreation.
 2. All trails shall generally be constructed of 4 inches of HMA over 4 inches of #53 stone.
 3. In locations where trails are providing vehicular access, in addition to pedestrian access, they shall be constructed of Portland cement concrete and have radii meeting the requirements of the City Engineer.
- E. **ADA Compliance:** Americans with Disabilities Act compliant ramps for wheelchairs and bicycles shall be provided appropriately on all sidewalks and trails. Ramps are to be located at all intersections, driveways, and other transition access points.
1. Generally, ramps shall be sloped no greater than 1 inch of rise per 12 inches of linear distance (8%), with no slope exceeding 12%. The cross slope for all ramps shall not exceed 2%. All ramps shall be equal in width to that of the sidewalk or trail they serve.
 2. Rolled curbs are not a substitute for wheelchair ramps and shall not be considered to meet ADA requirements.
 3. It is the legal responsibility of the subdivider to assure compliance with current ADA laws.
 4. The subdivider and/or his/her engineer may be required to certify compliance with ADA laws to the City Engineer at the time the public improvements are accepted by the City.
- F. **Crosswalks:** When a sidewalk or trail crosses streets within or adjacent to the subdivision, safety devices such as vehicle stop lines, painted crosswalks, alternative cross-walk pavement types, crosswalk signs, traffic calming measures, or traffic control devices shall be installed. All cross-walk treatments shall be subject to the approval of the City Engineer.

6.11 Street Lighting Standards



- A. **General Requirements:** The subdivider shall be responsible for the initial cost of the purchase and installation of all street lights. All street light standards and fixtures shall meet the specifications established by the City Engineer and the appropriate electric utility.
1. **Standard Height & Material:** Street lights shall be pole mounted on standards of non-corrosive metal not to exceed 28 feet in height. Wood and fiberglass mounting poles shall be prohibited.
 2. **Decorative Lighting:** The use of decorative street lighting shall be encouraged consistent with the performance standards of the City of Franklin Zoning Ordinance.
- B. **Locations within the Subdivision:** Generally, street lighting shall be provided at all intersections of streets within, and adjacent to, the subdivision and elsewhere as deemed appropriate for public safety by the Planning Director, City Engineer, Plan Commission, and/or Board of Public Works & Safety. The spacing of street lights shall be determined at the discretion of the City Engineer based on the level of illumination provided by the chosen fixture.
- C. **Locations along the Street:** Street lights shall be located in the right of way, adjacent to the street.

6.12 Subdivision & Street Name Standards

- A. **Subdivision Name Standards:** The proposed name of all subdivisions shall be provided by the subdivider at the time of Primary Plat application.
1. Duplication of Names: The proposed name of the subdivision shall not duplicate, or too closely approximate phonetically, the name of any other subdivision in the City of Franklin that has been previously recorded.
 2. Approval Authority: The Plan Commission shall have final authority to approve the name of the subdivision, which shall be determined at the time of the Primary Plat approval.
- B. **Street Name Standards:** The proposed name of all subdivision streets shall be provided by the subdivider at the time of Primary Plat application.
1. Duplication of Names: Street names shall not duplicate any existing street name within the City of Franklin, irrespective of the use of the term street, avenue, boulevard, drive, place, court, lane, road, pike, highway, parkway, or similar suffix. Street names that are spelled differently but sound the same as existing street names shall not be used.
 2. Street Extensions: Streets that are designed and/or function as the extension of an existing street shall be named consistent with the existing street.
 3. Street Terms: The term “court” shall generally be reserved for cul-de-sac streets. The terms “place” and “circle” shall generally be reserved for circular streets that intersect with another street at two locations and cannot be divided into more than one street.
 4. Review & Approval Authority: All street names are subject to review and approval of the Plan Commission, upon recommendations from the US Postal Service, at Primary Plat review.

6.13 Street Sign Standards

- A. **General Street Sign Requirements:** Street signs, including street name signs, stop signs, “no-parking” signs, and all other appropriate regulatory signs, shall be installed by the subdivider at all locations specified on the approved Construction Plans and otherwise as required by the City Engineer.
- B. **Street Sign Installation:** All street signs shall be installed prior to the acceptance of the subdivision’s streets by the Board of Public Works & Safety.
1. Temporary Signs: The subdivider shall be responsible for the installation and maintenance of temporary street and traffic control signs until the permanent signs are installed and accepted by the Board of Public Works and Safety.
 2. Permits: At his/her discretion, the Planning Director may withhold the issuance of improvement location permits, including those for model homes and speculative structures, until appropriate permanent or temporary street signs have been installed.
- C. **Street Sign Standards:** All street sign and post types and locations shall conform to the Uniform Manual of Traffic Control Devices, applicable INDOT standards and specifications, the requirements of the City Engineer, the specifications of the Board of Public Works and Safety, and the following:
1. Signposts: Each signpost shall consist of a 2 inch galvanized Type A post, 12 feet long with a minimum of 3 feet below grade.
 - a. *Street Name Signpost Locations:* Street name sign posts shall be located within the street right-of-way, no closer than 4 feet from the edge of the traveled portion of the street.
 - b. *Stop Sign Signpost Locations:* Stop sign signposts shall be located so that the edge of the sign is a minimum of 2 feet from the edge of the traveled portion of the street.
 - c. *Speed Limit and Informational Signpost Locations:* Speed limit and information sign signposts shall be located so that the edge of the sign is a minimum of 2 feet from the back edge of the curb (or shoulder if no curb is present).
 - d. *Sidewalk Obstruction Prohibited:* In no instance shall any signpost be located in or obstructing a sidewalk.
 2. Street Name Signs: Each street name sign shall be made of blue reflectorized, double-blade metal with 6 inch or large white letters mounted at the top of the post with the street name labeled on both sides.
 3. Stop Signs: Each stop sign shall be a minimum of 30 inches in width and have a high-intensity finish. There shall be a minimum of 7 feet from the top of the adjacent curb to the bottom of the sign.
 4. Speed Limit and Information Signs: Speed limit and other information signs shall be a 24 inch by 30 inch vertical rectangle with a high-intensity finish.

Note: The posted speed limit for local residential streets shall generally be 25 mph, or otherwise as determined by the Board of Public Works and Safety.

6.14 Easement Standards

- A. **General Utility Requirements:** All utility transmission lines shall be located underground in appropriate easements assuring their long-term accessibility and maintenance. The use of underground vaults is preferred for the location of utility equipment.
- B. **General Easement Standards:** Adequate areas of suitable size and location shall be provided by the subdivider as easements for the conveyance of utility systems, drainage, and other infrastructure to, and within, the subdivision. The location of all easements shall be subject to review and approval by the City Engineer and the applicable utility companies.
- C. **Utility Easements:** Utility easements shall be provided consistent with the following standards and the requirements of the City Engineer. All easements shall generally be perpetual and unobstructed.
 - 1. Water Supply, Natural Gas & Other Utilities: Easements for water supply, natural gas and other utilities shall generally be a minimum of 15 feet in width, and shall be located as follows:
 - a. When alleys are present along the rear property line, utility easements shall be located in the rear yard adjacent to the alley right-of-way.
 - b. When alleys are not present along the rear property line, utility easements shall be located along in the front yard adjacent to the street right-of-way.
 - c. In all instances utility easements shall be provided around the perimeter of the subdivision shall measure a minimum of 20 feet in width.
 - 2. Sanitary Sewer: Easements for sanitary sewer service shall be provided where requested by the City Engineer and/or Superintendent of Public Works
 - 3. Alleys and Other Alternatives: Where alleys and other similar alternatives for the placement of utilities are available appropriate easements shall be provided consistent with the requirements of the City Engineer and the Superintendent of Public Works.
- C. **Drainage Easements:** Where required, drainage easements shall generally be a minimum of 15 feet in width, with 1/2 the width of the easement taken from each lot. In the case of lots extending to the boundary of the property platted and not adjoining another plat the full width of the easement shall be provided on each affected lot.
 - 1. Drainage Easement Standards: Drainage easements shall:
 - a. provide continuity from block to block,
 - b. be located along rear or side lot lines, and elsewhere, as necessary, and
 - c. generally be contiguous to the street at the end of the block to connect with adjoining blocks in the shortest direct line.

6.14 Easement Standards (cont.)



2. Watercourses: Where a subdivision is traversed by a watercourse, drainage way, channel, or stream the subdivider shall designate drainage easements on both sides of the watercourse, the width of which shall be determined by the City Engineer or the Johnson County Drainage Board (in the case of legal drains).
3. Access to Improvements: Easements to permit both the City and any lot owners association access for maintenance and repair of surface and subsurface drainage improvements and watercourses, shall be provided by the subdivider. Such easements shall be a minimum of 15 feet in width, and shall be provided (a) around the top of bank of all water features and (b) along a convenient route between a public street and the water feature.
4. Off-Site Improvements: When a proposed drainage system will carry water across private lands outside the subdivision, adequate drainage easement, as determined by the City Engineer, must be secured by the subdivider and indicated on the all required plat and Construction Plan drawings.

6.15 Street Trees Standards – AMENDED BY ORDINANCE 2021-12

- A. **General Requirements:** All subdivisions shall be required to provide street trees along streets within and adjacent to the subdivision.
1. General Location: Street trees shall be planted within 10 feet of the right-of-way. Tree plantings within the right-of-way should be avoided if at all possible. However, street trees may be provided in the right-of-way, only as necessary, to meet spacing requirements or reduce conflicts with utilities. A street tree planting area, coordinated with utility and sidewalk locations, shall be shown on all plats.
 2. Use of Existing Trees: Existing trees located within 10 feet of the right-of-way of a public street may be considered as meeting the street tree requirement if such trees are in good health and are protected during the construction process.
 - a. *Determination:* The Plan Commission shall determine whether or not existing trees may be used to satisfy the street tree requirement at the time of Primary Plat review.
 - b. *Maintenance:* The Planning Director may require the subdivider to provide maintenance bonds consistent with Article 5 of this Ordinance for any existing trees to be preserved.
- B. **Planting Requirements:** One street tree shall be planted for every 40 feet of street frontage or fraction thereof, minus the width of the driveway(s) as measured along the front property line. Trees may be evenly spaced or grouped together. Street trees shall also meet the following requirements:
1. Tree Size: All street trees shall be a minimum of 2 inch caliper as measured 6 inches from the top of the rootball, at the time of planting.
 2. Separation from Pavement: No tree may be planted so that its center is closer than 2 feet to a sidewalk or curb, or edge of pavement if no curbs are present.
 3. Visual Clearance: No tree shall be planted within 25 feet of the intersection of 2 street rights-of-way, within 5 feet of the intersection of a street right-of-way and an entrance driveway, within the Sight Visibility Triangle established by the Zoning Ordinance, or obstructs the view of a traffic control sign.
 4. Separation from Utilities: No tree shall be planted within 10 feet of any fire hydrant or 5 lateral feet of any underground utility service.
 5. Permitted Tree Types: Street trees shall be of one or more of the species described in the Permitted Street Trees table. No other types of trees, or any plant material other than grass, shall be planted in a street right-of-way. A variety of permitted tree types shall generally be used in each subdivision.
- C. **Installation:** Where required, street trees shall be installed on each lot after the structure(s) on that lot are completed. No permanent Certificate of Occupancy shall be provided for any lot (including there structures on that lot) until the approved street trees are installed.

PERMITTED STREET TREES

Common Name	Scientific Name
Hornbeam	
American Hornbeam	<i>Carpinus Caroliniana</i>
Upright European Hornbeam	<i>Carpinus Betulas "Fastigiata"</i>
Elm	
Accolade Elm	<i>Ulmus Japonica x Wilsoniana "Morton"</i>
Frontier Elm	<i>Ulmus Carpinifolia x Parvifolia "Frontier"</i>
Homestead Elm	<i>Ulmus "Homestead" (complex hybrid)</i>
Ginko (Male)	
Fairmount Ginko	<i>Ginko Biloba "Fairmount"</i>
Sentry Ginko	<i>Ginko Biloba "Sentry"</i>
Upright Ginko	<i>Ginko Biloba "Upright"</i>
Honeylocust	
Majestic Honeylocust	<i>Gleditzia Triacanthos Inermis "Majestic"</i>
Moriane Honeylocust	<i>Gleditzia Triacanthos Inermis "Moriane"</i>
Shademaster Honeylocust	<i>Gleditzia Triacanthos Inermis "Shademaster"</i>
Skyline Honeylocust	<i>Gleditzia Triacanthos Inermis "Skyline"</i>
Sunburst Honeylocust	<i>Gleditzia Triacanthos Inermis "Sunburst"</i>
Linden	
Basswood	<i>Tilia Americana</i>
Chancellor Linden	<i>Tilia Cordata "Chancellor"</i>
Greenspire Linden	<i>Tilia Cordata "Greenspire"</i>
Silver Linden	<i>Tilia Cordata "Silver"</i>
Swedish Upright Linden	<i>Tilia Cordata "Swedish Upright"</i>
Maple	
Armstrong Red Maple	<i>Acer Rubrum "Autumn Flame"</i>
Black Maple	<i>Acer Nigrum</i>
Paperbark Maple	<i>Acer Griseum</i>
Red Sunset Red Maple	<i>Acer Rubrum "Red Sunset"</i>
Striped Maple	<i>Acer Pensylvanicum</i>
Tilford Red Maple	<i>Acer Rubrum "Tilford"</i>
Trident Maple	<i>Acer Buergerianum</i>
Oak	
Bur Oak	<i>Quercus Macrocarpa</i>
Chestnut Oak	<i>Quercus Prinus</i>
Chinkapin Oak	<i>Quercus Muehlenbergii</i>
English Oak	<i>Quercus Robur</i>
Laurel Oak	<i>Quercus Hemisphaerica</i>
Pin Oak	<i>Quercus Palustris</i>
Post Oak	<i>Quercus Stellata</i>
Red Oak	<i>Quercus Borealis</i>
Scarlet Oak	<i>Quercus Coccinea</i>
Shingle Oak	<i>Quercus Inbricaria</i>
Shumard Oak	<i>Quercus Shumardii</i>
White Oak	<i>Quercus Alba</i>
Common Alder	<i>Alnus Glutinosa</i>
Golden Raintree	<i>Koelreuteria Paniculata</i>

6.16 Waste Disposal Standards

- A. Sewer System General Requirements:** Lots in all subdivisions, except those located in the A and RR zoning districts, shall be served by sanitary sewers. The appropriate sanitary sewer system shall be designed and installed by the subdivider based on the adopted specifications of the City of Franklin. All sanitary sewer systems (excluding laterals and other features located on individual lots) and easements shall be dedicated to the City of Franklin.
1. General Specifications: The system shall be provided with all necessary supplemental equipment or machinery (including, but not limited to, lift stations) and be in such lengths, sizes, dimensions and specifications as required by the City Engineer, the Department of Public Works, the Johnson County Board of Health, and the applicable state and Federal agencies.
 2. General Location: Sewer mains and transmission lines and structures, with the exception of any above ground structures such as lift stations or pumps, shall generally be located underground in the right-of-way provided along public streets and alleys. Sewer lines shall be extended to the limits of the subdivision property to allow for future expansions as directed by the City Engineer and Superintendent of Public Works.
 3. Capacity Analysis: All subdivisions shall provide a capacity analysis for sanitary sewers demonstrating the adequacy of the downstream system for accommodating the expected demand.
- B. Individual Property Waste Disposal Systems:** No individual property waste disposal systems, such as septic systems or privately owned treatment plants shall be permitted where sewer service is required by this Ordinance. Any individual waste disposal system shall meet all requirements of the Indiana and Johnson County Boards of Health. In no instance shall any lot less than 2 acres in size, or otherwise deemed adequate by the Johnson County Health Department, be equipped with an individual waste disposal system.
- C. Select Design Standards:** All sanitary sewer system improvements shall meet the following design standards:
1. Alignment: All sewers shall be in a straight alignment between manholes, unless otherwise approved by the City Engineer.
 2. Manhole Location: Manholes shall be installed at the end of each sewer line, at all sewer line intersections, and at minimum intervals of 400 feet for lines that are 8 inches in diameter and larger.
 3. Sewer & Water Separation: There shall be no physical connection between a potable water supply system and a sewer which will permit the passage of any sewage material or polluted water into the potable water supply. A minimum distance of 10 feet must be maintained between parallel water and sewer lines. Where sewer and water lines intersect, either (a) the sewer shall be constructed of cast iron or be encased in concrete for a distance of 10 feet from the point of intersection, or (b) the water line shall be a minimum of 2 vertical feet above the sewer line.

6.17 Water Supply Standards



- A. **General Requirements:** Lots in all subdivisions, with the exception of those in the A and RR zoning districts, shall be provided with water, supplied by the appropriate utility. The appropriate water supply system shall be designed and installed by the subdivider based on the adopted specifications of the utility provider.
1. Design Specifications: The water system shall include all necessary supplemental equipment and machinery including, but not limited, to all pipes, fire hydrants, and valves.
 2. General Location: Water supply mains and transmission lines shall be located either in the right-of-way adjacent to public streets (opposite any sanitary sewer also included in that right-of-way) or in the rear or side yard of lots in easements.
- B. **Individual Property Wells:** No individual property wells shall be permitted as the primary water supply for any property where water service is required by this Ordinance. Any individual well shall meet all applicable requirements and procedures of the Indiana and Johnson County Boards of Health.

6.18 Environmental Standards

- A. **General Requirements:** Existing features that would add value to residential, commercial, natural, or man-made assets, such as trees (specifically those listed on the IDNR Historically Significant Tree List) or other vegetation, streams, stream-side forests, wetlands, and similarly irreplaceable assets should be preserved through careful and harmonious design.
- B. **Erosion & Sedimentation Standards:** The following measures to minimize erosion and sedimentation shall be included where applicable in the overall subdivision Construction Plans.
 - 1. Best Management Practices: Generally, erosion control measures shall support the implementation of best management practices that ensure the long-term operation and maintenance of control features.
 - 2. Applicable Requirements: Erosion and sediment control shall conform with the requirements of the Natural Resource Conservation Service (NRCS), the Indiana Department of Environmental Management (IDEM), other provisions of this Ordinance, other requirements adopted by the City of Franklin, and any other requirements of the City Engineer.
 - 3. Minimizing Erosion: Stripping of vegetation, regrading, or other development shall be done in such a way that will minimize erosion.
 - a. The disturbed area and the duration of exposure shall be kept to a practical minimum.
 - b. Temporary vegetation and mulching shall be used to protect environmentally sensitive areas during development.
 - c. The permanent final vegetation and structural erosion control and drainage measures shall be installed as soon as practical in the development.
 - 4. Minimizing Cut/Fill Operations: Development plans shall keep cut/fill operations to a minimum and ensure conformity with topography so as to create the least erosion potential and adequately handle the volume and velocity of surface water runoff.
 - 5. Runoff Accommodated: Provisions shall be made to effectively accommodate the increased runoff caused by changed soil and surface conditions during and after development. Where necessary, the rate of surface water runoff shall be structurally retarded.
 - 6. Sedimentation Trapped: Sediment in the runoff water shall be trapped until the disturbed area is stabilized by the use of debris basins, sediment basins, silt traps, or similar measures.
 - 7. Erosion Control Plan Requirements: No changes shall be made in the contour of the land, nor shall grading or excavating begin until a plan for minimizing erosion and sedimentation has been reviewed and approved by the City Engineer.
 - a. The erosion control plan shall be submitted as an element of the subdivision Construction Plans.

- b. If IDNR review and approval is required, a copy of the approval shall be provided by the subdivider to the City Engineer for the records of the Plan Commission.
 - c. Design and construction of the erosion control system shall be such that it will be durable, easy to maintain, and meet the requirements of the City Engineer.
- 8. **Sedimentation Control:** Whenever sedimentation is caused by stripping of vegetation, regrading, or other development activities, it shall be the responsibility of the subdivider to remove it from all adjoining surfaces, drainage systems, and watercourses, and to repair any damage at his/her expense.
 - a. *Remedy Required:* The City Engineer and/or Planning Director may require the subdivider to remedy any sedimentation that has been identified.
 - b. *Enforcement Options:* Failure by the subdivider to control sedimentation may be used by the Board of Public Works & Safety as grounds to refuse the acceptance of public improvements, or by the Planning Director as grounds to withhold the issuance of Improvement Location Permits for structures on lots in the affected subdivision. Violators may be fined per incident per day consistent with the enforcement provisions of the City of Franklin Zoning Ordinance.
 - c. *Surety:* The clean-up of all erosion control barriers and the results of any erosion control failure shall be covered by the erosion control bond provided consistent with Article 5 of this Ordinance.
- C. **Excavation and Fills:** Excavations and fills shall meet the following requirements:
 - 1. Fills shall not encroach or impede flows of natural watercourses or constructed channels.
 - 2. Grading shall not be done in such a way so as to divert water onto the property of another land owner without the expressed written consent of the land owner.
 - 3. During grading operations, necessary measures for dust control shall be exercised.
 - 4. Grading equipment shall not be allowed to cross streams. Provisions shall be made for the installation of temporary or permanent culverts or bridges.
- D. **Watercourse Requirements:** No applicant, person, corporation, or other entity shall block, impede the flow of, alter, construct any structure, deposit any material or thing, or commit any act that will affect normal or flood flow in any watercourse without having obtained prior approval from the City Engineer and/or the Indiana Department of Natural Resources, Division of Water, whichever is applicable.

6.18 Environmental Standards (cont.)

1. Restoration of Pre-development Conditions: It is the responsibility of the applicant and any person, corporation, or other entity acting on or across a communal stream, watercourse, or swale, or upon the 100-year floodplain or floodway area of any watercourse during the period of development, to return these areas to their original or equal condition upon completion of activities.
 2. Responsibility: The applicant or owner will assume the responsibility for maintaining, in open and free flowing condition, all minor streams, watercourses, and drainage systems, constructed or otherwise improved in accordance with this Ordinance, which are necessary for proper drainage.
- E. **Topsoil:** Topsoil shall not be removed from residential lots or used as spoil, but shall be redistributed to provide a minimum of 6 inches of cover on the lots and in the unpaved portion of the right-of-way. Topsoil shall be stabilized through seeding or sod application.
- F. **Debris:** No cut trees, timber, junk, rubbish, or other waste materials of any kind shall be buried or otherwise left deposited on any lot or street at the time of the acceptance of public improvements.
- G. **Areas of Poor Drainage:** Areas which are not in the regulatory floodplain, but contain soils which are subject to flooding shall be filled to an elevation sufficient for building sites and streets to be elevated a minimum of 2 feet above ponding levels. Additional water storage shall be provided in a manner equivalent to the filled volume as required by the City Engineer. Any area of poor drainage determined to be a wetland under the regulation of any applicable state or Federal agency shall be abated consistent with the requirements of that agency.

6.19 General Drainage Standards

- A. **General Requirements:** Drainage control shall conform to the specifications of the City Engineer. Drainage systems shall generally promote the maintenance of natural drainage ways and the incorporation of natural topography.
1. **Design Parameters:** The design and size of facilities shall be based on the anticipated runoff from a 10-year storm. The subdivider shall be responsible for analyzing the ponding and results of a 100-year storm event, establishing flood protection grades for structures, and verifying an adequate outlet for the 100-year storm following the completion of the subdivision's drainage system.
 2. **Drainage Area:** A storm drainage system shall be designed and constructed by the subdivider to provide for the proper drainage of surface water from the subdivision and from the drainage area which drains into the subdivision. All areas included in the drainage area shall be considered based on their development conditions for the purposes of designing the necessary drainage facilities.
 3. **Required Outlets:** All lots within each subdivision shall be provided with a drainage system connected to a working outlet such as a natural stream, a storm sewer, or an existing open ditch. In no case shall a field tile be considered an acceptable outlet. No connection draining storm water runoff shall be made to a sanitary sewer.
 4. **Positive Drainage from Structures:** All lots, tracts, or parcels shall be graded to provide proper drainage away from all structures and dispose of such water without ponding in locations other than intended dry or wet detention basins.
 5. **Runoff and Erosion Control Systems:** Runoff and erosion control systems shall be installed as soon as possible during the course of site development. Perimeter and entrance / exit erosion facilities are required to be installed prior to the start of any site work. All basins shall be designed to collect sediment and debris in specific locations for ease of maintenance.
 6. **Emergency Flood Routing:** An adequate emergency flood route shall be provided for each subdivision, which will function with the storm system completely obstructed.
- B. **Professional Design Requirements:** The plans for the installation of the storm sewer system shall be prepared by a professional engineer or surveyor licensed in the State of Indiana. The subdivider's engineer shall also study the effects of each subdivision on the existing downstream drainage facilities outside the area of the subdivision. These plans and studies shall be provided by the subdivider and shall be subject to review and approval by the City Engineer. In the review and approval of such plans, the City Engineer may require off-site improvements of drainage outlets to adequately handle the run-off from the subdivision.

6.19 General Drainage Standards (cont.)

- C. **Minimum Design Standards:** The design of the storm water system shall meet the following minimum standards:
1. **Open Drainage Restrictions:** Open drainage systems shall not be allowed in the front yards unless specifically requested of, and granted by, the Plan Commission. Where approved, shallow swales, sown or sodded in grass, shall be provided. The use of deep, open ditches shall generally be discouraged. Roadside drainage shall not be disrupted by driveways or other obstructions.
 2. **Overland Flow Calculations:** All overland flow time-of-concentration values shall be based on the method(s) approved by the City Engineer.
 3. **Outlet Rate Parameters:** The storm water detention designs shall outlet storm water at a 2-year pre-development rainfall event rate for a 10-year post-development storm, and shall outlet at a 10-year pre-development rainfall event rate for a 100-year post-development storm.
 4. **Storm Pipe Specifications:** Storm pipes shall generally be reinforced concrete (RCP), class III, with type B wall thickness, utilizing gasket fittings. Alternate materials may be used upon approval of the City Engineer.
 - a. The minimum allowable pipe size shall be 12 inches in diameter.
 - b. The minimum allowable pipe flow velocity shall be 2.5 feet per second.
 - c. The maximum velocity shall be 15 feet per second.
 - d. Any outlet velocities in excess of 5 feet per second shall have energy dissipation as approved by the City Engineer.
 - e. exposed ends of storm pipes shall have end sections with a concrete toe wall, a minimum of 3 feet deep, anchored to the end section.
 5. **Detention Design:** All detention design shall conform to the current Soil Conservation Service hydrograph methods for drainage, or an approved equal as determined by the City Engineer. The design of all drainage facilities shall include analysis of all storm durations (1,2,3,6,12, and 24 hours) to determine the critical peak to be used. The "Rational Method" is acceptable for pipe design only.
 - a. All drainage outlets shall be sized to meet all downstream drainage constraints.
 - b. If the natural downstream channel of the storm sewer system is inadequate to accommodate the release rate provided, then one of the following alternatives shall be used:
 - i. The allowable release rate shall be reduced to that rate permitted by the capacity of the receiving downstream channel or storm sewer system and additional storage volume, meeting the requirements of the City Engineer, shall be provided to accommodate capacity exceeding run-off; or

6.19 General Drainage Standards (cont.)



- ii. The subdivider shall correct the downstream restriction.
 6. Pre-Development Run-off Rates: In all subdivisions, the pre-developed runoff rates shall be based on pasture, meadow, brush or woods ground cover types in good hydraulic condition. Any existing farm ground will be based on the pasture cover type, in good hydrologic condition.
 7. Underground Drainage Facilities: The subdivider shall provide for the continuation of underground drainage facilities.
 8. Structures: All structures shall be sized to allow inspection and maintenance. Concrete riser rings shall be permitted in order to allow structures to be adjusted up to a maximum of 1 foot.
 9. Underdrains: The subdivider shall provide a subsurface drainage system, below curbs, along both sides of the subdivision streets and wherever else within the subdivision that it is determined to be necessary by the City Engineer.
- D. **Sump Pump, Downspout, & Foundation Drains**: It shall be illegal for sump pumps, downspouts, or foundation drains to outlet directly to the street or into the right-of-way of the street, or to be connected to the sanitary sewer.
1. Sump Pumps: In no case shall a sump pump be used for more than one function; sump pumps shall be used only for the discharge of stormwater. Sump pumps shall discharge onto a grass surface in the side or rear yard and no closer than 25 feet to the right-of way of the street.
 2. Downspouts and Roof Drains: Downspouts and roof drains shall be discharged no closer to the street than the building setback line, with the exception of single-family residential downspouts and roof drains. All single-family residential downspouts and roof drains shall discharge onto a grass surface no closer than 25 feet to the right-of-way of any street.
 3. Outlet Points: A discharge pipe which outlets onto the surface of the ground shall have its point of discharge outside the boundaries of any drainage or utility easement or street right-of-way. Discharge pipes directed toward or into an open drainage swale or ditch shall provide sufficient separation distance so as to provide sufficient area for reasonable absorption of water into the soil without creating erosion control problems.
- E. **Street Drainage**: All streets shall be provided with an adequate storm drainage system consisting of curbs, gutters, storm sewers, and inlets or side ditches and/or culverts, consistent with the specifications of the City Engineer, the appropriate street design standards provided by Chapter 6.6, and the following requirements:

6.19 General Drainage Standards (cont.)

1. Storm Water Storage: Drainage inlets shall be spaced, and their capacity shall be adequate, to limit the spread of storm water from the gutter into the street. Inlets shall be placed at all low points in the grade of the gutter and at all intersections to prevent stormwater from flowing across traffic lanes and sidewalks.
 - a. Storm drainage systems shall be designed to prevent the overtopping of curbs by a 10-year storm. Inlets placed in a low area shall be sized to accept a 10-year storm volume with 50% of the inlet clogged and no greater than 6 inches of water pooling above each inlet.
 - b. Local streets shall have a minimum 12 foot wide section free from water during a 10-year storm.
 - c. Collector and Arterial streets shall have a minimum 24 foot wide section free from water during a 10-year storm.
 - d. All water shall be contained in the right-of-way for a 50-year storm.
 - e. Inlets shall be spaced a maximum of either (i) 500 feet from the highpoint of the street or (ii) 500 feet apart.
 2. Protective Grates: Protective gratings shall be placed over all inlets and outlet piping 10 inches or larger.
 3. Cross-Gutter Requirements: All streets having curb and gutter on which storm water flows across intersections and/or driveways, shall be provided with concrete cross-gutter at all such intersections and driveways.
- F. Off-street Drainage System General Requirements:** The design of the off-street drainage system shall include all watersheds affected by the subdivision and shall extend to a water course or ditch adequate to receive the storm drainage as determined by the City Engineer.
1. Inlets: Storm swale inlets shall be sized to accept a 10-year storm volume with 50% of the inlet clogged and no greater than 9 inches of water pooling above each inlet.
 2. Swales: All swales shall meet the following requirements and the specifications of the City Engineer:
 - a. The minimum flow line grade of swales shall be 1%.
 - b. The maximum flow line grade of swales shall be 7%.
 - c. The front and back slope of swales shall not be steeper than a 4 (horizontal) to 1 (vertical) slope.
 - d. Swales with longitudinal slopes that are flatter than 1% shall consist of 6 inch thick rebar-reinforced concrete. All such swales shall have a minimum width of 3 feet and shall incorporate a shape and jointing pattern approved by the City Engineer. The City Engineer may require that the swale width be increased based on drainage volume. Alternative swale configurations may be used upon approval by the City Engineer.

G. General Detention/Retention Facility Standards: To the extent possible, all subdivision detention/retention requirements shall be accommodated in the least number of ponds or dry areas as possible. One large pond or area shall be preferred to a series of smaller ponds or areas.

1. All detention and retention areas shall be placed in a common area under the responsibility of a lot owners association for the subdivision in which they are located. In no case shall subdivision detention or retention ponds be dedicated to the City of Franklin, however, the covenants outlining responsibility for the ponds shall provide the City with the authority to both require and complete necessary maintenance.
2. In no instance shall drainage swales be designed as stormwater storage areas.

H. Detention Facility Specifications: The developer shall be required to provide a water quality detention system that is designed to detain, for over 24 hours after peak run-off from a 24-hour storm, at least 20% of the run-off from either a 1-1/4 inch storm or 1/2 inch of direct runoff, whichever is greater. All paved areas shall be routed through a water quality detention area, with the minimum water quality outlet being 2 inches in diameter.

1. Requirements for all Detention Facilities: All detention facilities, both wet and dry, shall meet the following requirements:
 - a. *Outlets to Detention Facilities:* All stormwater outlets discharging into a detention facility shall be located in the upper 2/3 of the detention basin.
 - b. *Outlets from Detention Facilities:* Outlet pipes from detention facilities must be discharged into a natural ditch, a defined swale, or a discharge control structure that will eliminate erosion downstream. Outlet pipes shall not be discharged onto an existing tillable field.
 - c. *Easements:* All detention facilities shall be encircled with a drainage easement measuring a minimum of 20 feet from the top of bank. An additional easement meeting the requirements of the City Engineer shall be provided as a staging area for vehicles and equipment required for periodic maintenance. Additional easements may also be required by the City Engineer to accommodate spillways and to provide for adequate access under emergency conditions.
 - d. *Emergency Spillways:* Emergency spillways shall be capable of handling one and one-quarter times the peak discharge and peak flow velocity resulting from the 100-year design storm event runoff from the entire contributing watershed, assuming post-development conditions, draining to detention/retention facility. However, engineering judgment may dictate use of a higher design standard. Many types of emergency spillways are allowable provided adequate provision is made for the discharge of the flow

6.19 General Drainage Standards (cont.)

- through the facility and a minimum freeboard of 2 feet is provided above the maximum anticipated flow depth through the emergency spillway.
- e. *Periodic Maintenance:* All detention facilities shall be designed for the convenient removal of accumulated sediment.
 - f. *Anti-Clog & Frost Protection Features:* All detention outlet structures shall include anti-clog devices acceptable to the City Engineer. The structures shall also include frost depth protection located a minimum of 42 inches below grade.
2. Requirements for Dry Detention Facilities: The minimum accepted bottom longitudinal and transverse slope of dry detention basins shall be 1% and must be designed to include underdrains. Vegetated bank side-slopes shall be no steeper than 4 (horizontal) to 1 (vertical).
 3. Requirements for Wet Detention Facilities: All wet detention facilities shall meet the following additional requirements:
 - a. *Minimum Size:* All detention areas with permanent pools shall have a minimum of 1/2 acre surface area of water and shall have a minimum width of 50 feet.
 - b. *Minimum Depth:* A minimum of 25 percent of the surface of all ponds shall have a minimum depth of 10 feet.
 - c. *Safety Ledge:* All ponds shall include a safety ledge a minimum of 6 feet in width located at a minimum depth of 18 inches and a maximum depth of 30 inches.
 - d. *Consistent Water Level:* A means of maintaining a consistent water level during periods of dry weather shall be provided.
 - e. *Vegetation Areas:* Vegetated areas of wet detention basins shall have an earthen embankment constructed with side slopes no steeper than 4 (horizontal) to 1 (vertical). Earthen embankments armored with rock rip-rap shall not be accepted.
 - I. **Flood Hazard Areas:** Naturally occurring riparian areas surrounding water features in the floodplain shall be preserved. No grading or clearing of these areas shall be permitted without approval of the City Engineer. Subdivisions proposed within regulatory flood plains shall meet the following requirements:
 1. Floodways: Floodways shall be preserved and not diminished in capacity by filling or obstruction. No building sites shall be located within a floodway.
 2. Floodway Fringe Areas: Subdivisions and related improvements are permitted consistent with the following:
 - a. All streets shall be sufficiently raised so that the surface is a minimum of 1 foot above the regulatory flood elevation.

6.19 General Drainage Standards (cont.)

- b. All lots shall have a flood protection grade that exceeds the regulatory flood elevation by a minimum of 2 feet.
- c. All water and sanitary sewer facilities shall be constructed to eliminate contamination of, or by flood water.
- d. The area may only be filled after permission has been granted by the Indiana Department of Natural Resources and provided in writing to the Planning Director. Any filling necessary to accomplish (a), (b), or (c) above shall not raise the level of the regulatory flood elevation more than 0.1 feet for that portion of the watercourse.



Note: The function and maintenance of drainage easements are the responsibility of the lot owner's association for the subdivision in which they are located. However, the City of Franklin reserves the right to make repairs and modifications as deemed necessary.

6.20 Covenant Standards

- A. **General Requirements:** The Planning Director and City Engineer may review any restrictive covenants to ensure that conflicts with the requirements of this Ordinance and the Franklin Zoning Ordinance are not created.
- B. **Drainage Covenant:** Each subdivision submitted for approval shall include on the Secondary Plat a covenant which states that: "This subdivision is subject to all drainage system design and construction standards of the Franklin Subdivision Control Ordinance, all other applicable adopted standards of the City of Franklin, and the requirements of the City Engineer that provide for the repair and maintenance of the system." All drainage easements shall provide the City of Franklin the right of access, but shall not run to the City or any of its departments.
- C. **Administration:** All covenants shall be administered by a lot owners association. All lots included in the Primary Plat of a subdivision shall be included in a single lot owner's association; in no instance shall a Primary Plat be divided into multiple lot owner's associations. The City of Franklin shall have no responsibility to enforce covenants.

6.21 Monument & Marker Standards



- A. **General Requirements:** All monuments and markers shall comply with the Indiana Administrative Code provisions regarding surveys. Monuments and markers shall be placed so that the center of the bar, or marked point, shall coincide exactly with the intersection of lines to be marked and shall be set so that the top of the monument or marker is level with the finished grade. All required monument and markers shall be in place prior to the acceptance of the public improvements by the Board of Public Works and Safety.
1. All section corners and quarter section corners shall be monumented and perpetuated.
 2. All United States, State of Indiana, Johnson County, or other official benchmarks, monuments, or triangulation stations in or adjacent to the subject property shall be preserved in precise position.
- B. **Exterior Monuments:** Permanent concrete monuments 4 inches by 4 inches by 48 inches deep, with 5/8 inch rebar cast in the center or filled with concrete with a surveyor's cap set in the center, shall be installed at each corner or angle on the outside boundary of each section of the subdivision (or at the right-of-way where the boundary is a public street) and at all other locations necessary to clearly delineate all significant plat lines as specified by the City Engineer.
- C. **Interior Markers:** Markers consisting of rebar at least 24 inches long and not less than 5/8 inch in diameter shall be placed at the following locations:
1. the intersection of all street right-of-way lines within the subdivision,
 2. the beginning and ending of all curves in street right-of-way lines,
 3. all angles formed by the intersection of lot lines,
 4. all other lot corners not established by a monument, and
 5. all points required to delineate the location or extent of reservations, easements, or dedications not otherwise defined, as specified by the City Engineer.
- D. **Elevation Control:** A permanent monument shall be installed in each section of a subdivision in order to establish proper elevation control. The monument shall be a minimum of 4 inch by 4 inch by 48 inch long concrete encasement with its top flush with grade level. Each monument shall state the finished elevation based on United States Geodetic Survey datum to the nearest one-hundredth of a foot.

6.21 Monument & Marker Standards (cont.)

- E. **Street Monumentation:** All new and existing streets included in the subdivision shall include monumentation as follows:
1. **Centerlines:** All changes in street centerline direction, including the beginning and ending of all centerline curves and the center point of cul-de-sacs, shall be constructed to include a 5/8 inch minimum diameter by 24 inch long steel rod epoxy grouted in place.
 - a. The top of all such markers shall be 1/4 inch below the finished pavement surface.
 - b. Any cul-de-sac which includes a center landscape island shall have the metal monument encased in a 4 inch by 4 inch by 48 inch long concrete encasement, with the top of the monument being flush with grade level.
 2. **Centerline Intersections:** All new and existing street centerline intersections shall be constructed to include 10 inch extendible markers (Harrison or an equal approved by the City Engineer) epoxy grouted into a 6 inch diameter by 12 inch deep core in the pavement. The top of all such markers shall be 1/4 inch below the finished pavement surface.

Article 7

Definitions



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7.1 Defined Words

Words used in a special sense in this Ordinance are defined in this Article. All other words, terms, and/or phrases not specifically defined by this Ordinance shall have the meaning inferred from their context in this Ordinance or their ordinarily accepted definitions.



7.2 Definitions

A

Abutting: Having a common border, including being separated from such a common border by a right-of-way, street, alley, easement, body of water, or other feature. In some cases, where specified by this Ordinance, abutting also includes lots or other features within a specific vicinity.

Access Point: A driveway or other means of physical connection for the movement of vehicles between a property and an adjacent street.

Acre: A land area equal to 43,560 square feet.

Adjacent: see *Abutting*

Adjoining: see *Abutting*

Advisory Plan Commission: A plan commission serving a single local government jurisdiction established as defined under the Indiana Code, 36-7-1-2(1983) as amended. The City of Franklin Plan Commission is the advisory plan commission referred to in this Ordinance.

Alley: A public right-of-way, other than a street, road, crosswalk, or easement that provides secondary access for the abutting property.

Amend or Amendment: Any repeal, modification, or addition to a regulation; or any new regulation.

Applicant: The owner(s), developer(s), subdivider(s), or other legal representative(s) of real estate who make(s) application for action affecting the property.

Application: The completed form or forms, together with any other required materials, exhibits, and fees required of an applicant consistent with the procedures established by this Ordinance.

Arborist: An individual trained in arboriculture, forestry, landscape architecture, horticulture, or related fields and experienced in the conservation and preservation of trees.

Arterial Street: see *Street, Arterial*

Arterial Road: see *Street, Arterial*

B

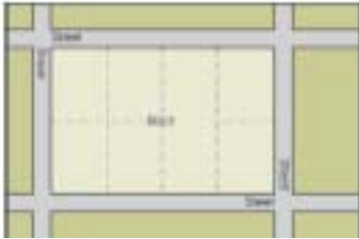
Base Flood Elevation: The elevation, expressed in feet above mean sea level, to which flooding can be expected to occur on a frequency of once every 100 years, or which is subject to a 1 percent or greater chance of flooding in any given year.

Berm: A man-made mound of earth of definite height and width used for landscaping and obscuring purposes.

Best Management Practices: The utilization of the natural environment, artificial structures, scheduling, and/or prohibition to ensure the long-term operation and maintenance of features that control erosion and/or the discharge of polluting elements.

7.2 Definitions (cont.)

Block: Property abutting 1 side of a street and lying between the 2 nearest intersecting streets (either crossing or terminating), railroad right-of-way, lake, river, stream, or other physical boundary.



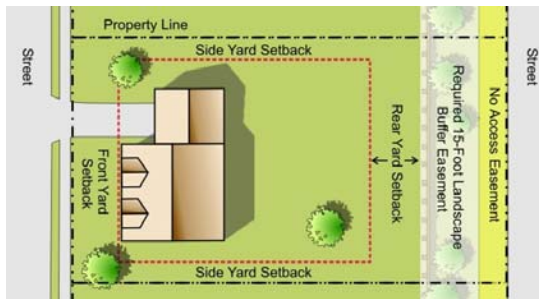
Board of Zoning Appeals: A board established consistent with the Indiana Code 36-7-4-900 series. The City of Franklin Board of Zoning Appeals is the board of zoning appeals referred to by this Ordinance.

Bond: see *Surety*

Buffer: A strip of land, a fence, and/or area of landscaping between 1 use and another designed and intended to separate those uses.

Buffer Landscaping: Any trees, shrubs, walls, fences, berms, or related landscaping features required by this Ordinance as part of a buffer.

Buffer Yards: An area adjacent to front, side, or rear property lines, measured perpendicularly from adjacent property lines and/or right-of-way lines, intended to screen incompatible uses from each other. Buffer yards are also used to help maintain existing trees or natural vegetation; to block or reduce noise, glare, or other emissions; and to maintain privacy. Buffer yards are in addition to (separate from) front, rear, or side yard setbacks.



Building Permit: An official certification issued by the Building Official authorizing the construction, alteration, enlargement, conversion, reconstruction, remodeling, rehabilitation, erection, demolition, moving, or repair of a building or other structure.

BZA: see *Board of Zoning Appeals*

C

Certificate of Occupancy, Permanent: A certificate issued by the City certifying that a newly constructed or modified structure and/or property is completed in its entirety and is in complete compliance with all applicable regulations of the City of Franklin, and therefore may be occupied.



7.2 Definitions (cont.)

Certificate of Occupancy, Temporary: A certificate issued by the City certifying that a newly constructed or modified structure and/or property is sufficiently completed and is in general compliance with all applicable regulations of the City of Franklin, and therefore may be temporarily occupied pending the completion of remaining tasks required to bring the location into complete compliance.

City: The City of Franklin, Indiana.

Collector Street: see *Street, Collector*

Collector Road: see *Street, Collector*

Commission: see *Advisory Plan Commission*

Common Area: Land within a development that is not individually owned or dedicated to the public, but which is designed and intended for the use, enjoyment, and maintenance of the property owners within that development or other specific area. The common area may include structures or other improvements.

Common Ownership: Ownership by the same person, corporation, firm, entity, partnership, or incorporated association, including ownership by different corporations, firms, partnerships, entities, or unincorporated associations with at least 1 common stockholder, partner, or associate.

Compatible: Having harmony and consistency in design, scale, location, function, and/or appearance.

Comprehensive Plan: A document, consistent with the requirements of the Indiana Code, that is a compilation of policy statements, goals and objectives, standards, maps, and statistical data for the physical, social, and economic development of the community. The City of Franklin Comprehensive Plan is the comprehensive plan referred to by this Ordinance.

Condition of Approval: Stipulations or provisions set forth as a prerequisite for approval of an application.

Condominium: Real estate lawfully subject to the I.C. 32-25 series, the Horizontal Property Law, by the recording of condominium instruments, in which undivided interests in the common areas and facilities are vested in the condominium unit owners.

Construction Plans: Subdivision drawings that detail the specific location and design of utilities, streets, and other improvements.

Contiguous: see *Abutting*

County: Johnson County, Indiana.

Covenants: Private and legal restrictions of various kinds on the usage of lots, typically within a subdivision and applied by the subdivider, that are recorded with the plat and deed.

Cul-De-Sac: see *Street, Cul-de-Sac*

Curb: A concrete boundary marking the edge of a street or other paved area and providing for a change in grade between the street surface and the adjacent unpaved portions of the street right-of-way.

Curb Cut: The providing of vehicular ingress and/or egress between property and an abutting street.

Curb Radius: The curved edge of a street, driveway, or other paved area at an intersection with another street, driveway, or other paved area.

7.2 Definitions (cont.)

D

Dedication: The intentional setting apart of land or interests in land for use by the City of Franklin.

Density: The number of dwelling units per acre.

Density, Gross: The numerical value obtained by dividing the total number of dwelling units in a development or area by the gross size of the area (in acres), including all non-residential land uses, rights-of-way, streets, and other features included in the area.

Density, Net: The numerical value obtained by dividing the total number of dwelling units in a development or area by the gross size of the actual tract of land (in acres) upon which the dwelling units are to be located, including common open space and excluding non-residential uses, rights-of-way, and streets.

Detention Area: An area that is designed to capture specific quantities of stormwater and to gradually release the stormwater at a sufficiently slow rate to avert flooding.

Developer: An individual, partnership, corporation (or agent thereof), or other entity that undertakes the responsibility for land development, particularly the designing of a subdivision plat or site development plan showing the layout of the land and the public improvements involved. In as much as the subdivision plat is merely a necessary means to an end of assuring a satisfactory development, the term “developer” is intended to include the term “subdivider”, even though the personnel involved in successive stages of the project may differ.

Development: Any man-made change to improved or unimproved real estate including, but not limited to: (1) construction, reconstruction, or placement of a structure or any addition to a structure; (2) installing a manufactured home on a site, preparing a site for a manufactured home, or installing a recreational vehicle on a site for more than 180 days; (3) installing utilities, erection of walls and fences, construction of roads, or similar projects; (4) construction of flood control structures such as levees, dikes, dams, channel improvements, etc.; (5) mining, dredging, filling grading, excavating, or drilling operations; (6) construction and/or reconstruction of bridges or culverts; (7) storage of materials; or (8) any other activity that might change the direction, height, or velocity of flood or surface waters.

Double Frontage Lot: see *Lot, Through*

Drainage: The outflow of water or other fluids from a site through either natural or artificial means.

Drainage System: All facilities, channels, and areas that serve to convey, filter, store, and/or receive stormwater, either on a temporary or permanent basis.

Drip Line: An imaginary vertical line that extends from the outermost branches of a tree’s canopy to the ground.

Drive, Private: see *Street, Private*

Driveway: A private roadway providing access for vehicles to a parking space, garage, dwelling, or other structure.

Driveway, Common: An access driveway that is shared by adjoining property owners.

7.2 Definitions (cont.)

E

Easement: A grant by a property owner to specific persons, the general public, corporations, utilities, or others, for the purpose of providing services or access to the property.

Erosion: The detachment, movement, and wearing away of soil and rock fragments by flowing surface or subsurface water or by wind.

F

FBFM (Flood Boundary and Floodway Map): An official map delineating the floodway, floodway fringe, 100-year floodplain, and 500-year floodplain that is prepared in conjunction with a flood insurance study.

FEMA: The Federal Emergency Management Agency.

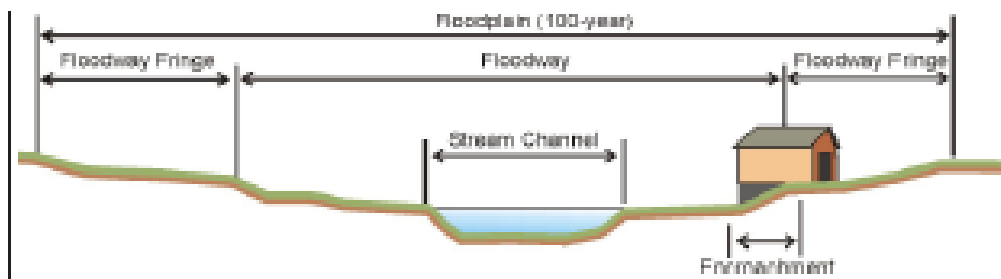
FHBM: The Flood Hazard Boundary Map.

FIRM (Flood Insurance Rate Map): The official map on which FEMA has delineated both areas of special flood hazard and risk premium zones.

FPG (Flood Protection Grade): The elevation of the regulatory flood plus 2 feet at any given location in the Special Flood Hazard Area (SFHA).

Fence: Any structure, solid or otherwise, that is a barrier and is used as a boundary or means of protection, confinement, or concealment.

Flood: A general and temporary condition of partial or complete inundation of normally dry land areas from the overflow, the unusual and rapid accumulation, or the runoff of surface waters from any source.



Floodplain: The relatively flat area or low land adjoining the channel of a river or stream that has been or may be covered by flood water. The flood plain includes the channel, floodway, and floodway fringe. Floodplain boundaries are to be determined using the Floodway-Flood Boundary Maps of the Federal Insurance Administration/Federal Emergency Management Administration (FEMA).

Floodway Fringe: Those portions of the floodplain lying outside the floodway. The floodway fringe is not necessary for carrying and discharging peak flood flow, but is subject to flooding.

Floodway: The channel of a river or stream and those portions of the floodplains adjoining the channel which are reasonably required to efficiently carry and discharge the peak flood flow of the regulation flood of any river or flooding stream.

7.2 Definitions (cont.)

Frontage: see *Lot Frontage*

G

Grading Plan: The drawing and supporting documents, meeting the requirements of this Ordinance and the City Engineer, that describe the process and result of the excavating, filling, or leveling of a property by mechanical or other artificial methods.

H

Historic Site: All structures and other features identified as contributing, noteworthy, or outstanding by the Indiana Historic Sites and Structures Inventory - Johnson County Interim Report, or listed in the National Register of Historic Places or the Indiana Register of Historic Sites & Structures, as well as any subsequent amendments and/or additions to any of these publications.

Home Owner's Association: see *Lot Owner's Association*

I

Improvement: Any building, structure, bridge, work of art, area, parking facility, public facility, fence, gate, wall, landscaping, or other object constituting a physical addition to real property.

Improvement Location Permit: A permit allowing a person to erect, construct, enlarge, alter, repair, move, improve, remove, convert, or demolish any structure; alter the condition of the land; change the use or occupancy of a property; or otherwise cause any change to occur that is subject to the requirements of this Ordinance or the City of Franklin Zoning Ordinance.

Indecisive Vote: A vote that fails to receive a majority, either in favor or opposed.

Infrastructure: Facilities and services needed to sustain industry, residential, commercial, and all other land activities including utilities and streets.

Interested Party: Those persons, groups, property owners, or other entities that are considered or consider themselves to be affected by a change in land use or the results of an application to change land use. *For the purposes of public notification, "interested party" is defined by the Plan Commission Rules & Procedures.*

J

Jurisdiction: Any area over which a unity of government exercises power and authority.



K

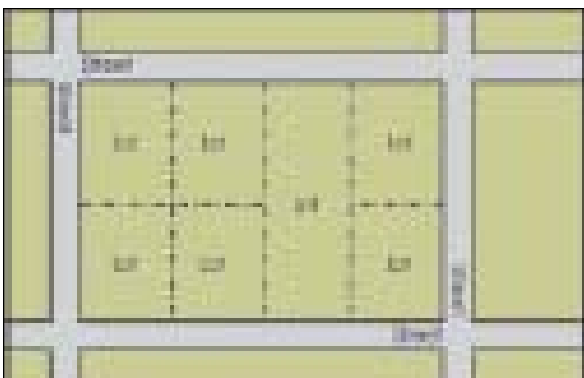
L

Letter of Map Amendment (LOMA): An amendment to the currently effective FEMA map that establishes that a property, area, and/or structure is not located in a Special Flood Hazard Area (SFHA). A LOMA may only be issued by FEMA.

Letter of Map Revisions (LOMR): An official revision to the currently effective FEMA map. It is issued by FEMA and changes flood zones, delineations, and elevations.

Local Street: see *Street, Local*

Lot: A contiguous area of land separated from other areas of land by a separate description (including a recorded deed, a subdivision plat or record of survey map, or by metes and bounds) for purpose of sale, lease, transfer of ownership or separate use.



Lot, Corner: A lot situated at the intersection of 2 streets.

Lot, Double Frontage: see *Lot, Through*

Lot, Irregular: A lot that is characterized by elongations, angles, shapes, and/or configuration that is inconsistent with the topography, street systems, other lots, and other features of the area in which it is located.

Lot, Zoning: A single tract of land which, at the time of filing for an Improvement Location Permit or other approval, is designated by its owner or developer for the purposes of compliance with this Ordinance as a tract to be used, developed, or built upon. A Zoning Lot or Lots may coincide with one or more lots of record.

Lot Owners Association: An incorporated non-profit organization operated under recorded land agreements through which each lot owner is automatically a member and each lot is automatically subject to a proportionate share of the expenses for the organization's activities, such as maintaining common property.

Lot of Record: A lot that is recorded in the office of the Johnson County Recorder as a part of a subdivision plat or a parcel described by metes and bounds.

Lot, Recorded: see *Lot of Record*

7.2 Definitions (cont.)

Lot, Through: A lot having frontage on 2 or more non-intersecting streets.



M

Marker (survey): A stake or other object which is used to mark a point on a lot or within a subdivision.

Master Plan: see *Comprehensive Plan*

Metes and Bounds: A description of land prepared by a state-registered land surveyor providing measured distances and courses from known or established points on the surface of the earth.

Monument (survey): A permanent physical structure that marks the location of a corner or other survey point.

N

Natural Condition: The condition that arises from, or is found in nature unmodified by human intervention.

Natural Drainage: Drainage channels, routes, and ways formed over time in the surface topography of the earth prior to any modifications or improvements made by unnatural causes and/or human intervention.

Natural Features: The physical characteristics of a property or area that are not man-made, such as soil types, geology, slopes, vegetation, and drainage patterns.

No-access Reservation: A restriction placed on a lot, typically shown as a line labeled as such on primary and secondary subdivision plats, that prohibits vehicular access from the affected lot(s) to an adjacent street.

O

Occupancy: The use of any land or structure.

Official Zoning Map: A map of the City of Franklin, Indiana, that legally denotes the boundaries of zoning districts as they apply to the properties within the Plan Commission's jurisdiction.

Off-Site Improvement: An improvement related to new development that occurs, or is constructed on property that is outside of the parcel or tract that is being developed. Off-site improvements typically include, but are not limited to drainage, public water systems, public sewer systems, and streets.

7.2 Definitions (cont.)

Open Space: An area of land not covered by structures or accessory uses except for those related to recreation. Open space may include nature areas; stream and flood plains; meadows or open fields containing baseball, football, and soccer fields, golf courses, swimming pools, bicycle paths, etc. Open space does not include street rights-of-way, platted lot area, private yards, patio areas, or land scheduled for future development.

Owner: Any person, group of persons, firm or firms, corporation or corporations, or any other legal entity having title to, or sufficient proprietary interest in the land, or their legal representative.

Owners Association: see *Lot Owners Association*

P

Parcel: see *Lot*

Parking, Off-Street: A storage space for an automobile located outside of a street right-of-way.

Parking, On-Street: A storage space for an automobile that is located within the right-of-way and paved portion of a street.

Paved Surface: A durable surface for parking, driving, riding or similar activities that utilizes asphalt, concrete, brick, paving blocks or similar material. Crushed gravel, stone, rock, or dirt, sand, or grass are not a paved surface.

Pedestrian Path: A designated route for travel by pedestrians, bicycles, and other non-motorized methods of personal transportation and recreation that is with concrete, crushed rock, or asphalt and separated from streets by distance or striping.

Person: A person, corporation, firm, partnership, association, trust, organization, unit of government, or any other entity that acts as a unit, including all members of any group.

Petitioner: Any person who formally makes a request before the Plan Commission or Board of Zoning Appeals consistent with the processes and requirements of this Ordinance. See also *Applicant*.

Plan: see *Comprehensive Plan*

Plan Commission: see *Advisory Plan Commission*

Planting Season: The spring and fall time periods during which new plant material that is installed is most likely to survive the planting process. Generally these periods are from April 15 to June 15 in the spring and from October 15 to November 15 in the fall.

Plat: A map or chart that shows a division of land and is intended to be filed for record.

Plat, Preliminary: see *Plat, Primary*

Plat, Primary: The Primary Plat, pursuant to Indiana Code 36-7-4-700 series, is the plat and plans upon which the approval of a proposed subdivision is based.

Plat, Secondary: The Secondary Plat, pursuant to Indiana Code 36-7-4-700 series, is the plat document in recordable form.

Private Street: see *Street, Private*

Property Owner: The person(s) identified as the property owner on the most recent list prepared and maintained by the Johnson County Auditor's Office. See also *Owner*.

7.2 Definitions (cont.)

Public Hearing: A formal meeting, announced and advertised in advance consistent with the requirements of this Ordinance, that is open to the public, and at which members of the public have an opportunity to participate.

Public Improvement: Any improvement, facility, or service that provides transportation, drainage, public utilities, or similar essential services which are typically or specifically required to be provided by a unit of government.

Public Street: see *Street, Public*.

Q

R

Record: The written documentation of the actions and expressions of a public body, such as the Plan Commission or Board of Zoning Appeals.

Registered Land Surveyor: A land surveyor properly licensed and registered or through reciprocity permitted to practice in the State of Indiana.

Registered Professional Engineer: An engineer properly licensed and registered or through reciprocity permitted to practice in the State of Indiana.

Regulatory Flood: The flood having a 1 percent probability of being equaled or exceeded in any given year, as calculated by a method and procedure which is acceptable to and approved by the Indiana Natural Resources Commission and the Federal Emergency Management Agency. The "Regulatory Flood" is also known by the term "Base Flood".

Regulatory Floodway: The channel of a river or stream and those portions of the flood plains adjoining the channel that are reasonably required to efficiently carry and discharge peak flow of the regulatory flood of any river or stream and, is that area covered by floodwaters in significant downstream motion or covered by significant volumes of stored water during the occurrence of the regulatory flood.

Replat: Any non-exempt change in a Secondary Plat of an approved or recorded subdivision.

Right-of-Way: Property occupied or intended to be occupied by a street, trail, utility transmission line, or other public utility or facility.

Right-of-Way Line: The limit of publicly owned land encompassing a public facility such as a street or alley.

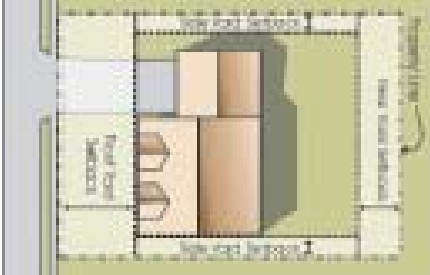
Road: see *Street*

ROW: see *Right-of-Way*

S

Secondary Plat: see *Plat, Secondary*

Setback: The horizontal distance between a structure and a lot line or right-of-way line.



Sight Distance: The measurement from a driver's eyes, which are assumed to be 3.75 feet above the pavement surface, to an object 6 inches high on the pavement.

Sketch Plan: A drawing portraying the general layout of a proposed subdivision, for the purpose of discussion and classification.

Special Flood Hazard Area (SFHA): Those lands within the jurisdiction of the City that are subject to inundation by the regulatory flood. The SFHAs of the City are generally identified as such on the Flood Insurance Rate Map of the City prepared by the Federal Emergency Management Agency.

Stream Bank: The usual boundaries, not the flood boundaries, of a stream channel.

Street: A public thoroughfare, including a road, highway, lane, avenue, place, boulevard, and any other thoroughfare that affords vehicular access to abutting property.

Street, Arterial: A street that serves the major traffic movements within a community, such as between the central business district and outlying commercial and residential areas, as well as a majority of the vehicular traffic entering and leaving the city to travel to and from adjacent communities. Franklin arterial streets are identified by the Thoroughfare Plan within the City of Franklin Comprehensive Plan.

Street, Collector: A street designed and used to carry moderate volume traffic from local streets to arterial streets. Franklin collector streets are identified by the Thoroughfare Plan within the City of Franklin Comprehensive Plan.

Street, Cul-de-Sac: A street having 1 end open to traffic that is permanently terminated by a vehicular turnaround.

Street, Frontage: The distance along which a property line of a lot abuts the right-of-way of an adjacent street.

Street, Half: A street for which only half of the required right-of-way and/or pavement width has been provided.

Street, Intersecting: Any street that joins another street at an angle, whether or not it crosses that street.

Street Intersection: The point of crossing or meeting of 2 or more streets.

Street, Local: A street designed to provide vehicular access between individual properties and the collector and arterial street system. Franklin local streets are identified by the Thoroughfare Plan within the City of Franklin Comprehensive Plan.

Street, Non-Residential: Any local or collector street where the primary land use of the lots that the street provides access to, and the lots on either side of the street is primarily non-residential (such as commercial, industrial, or institutional).

7.2 Definitions (cont.)

Street, Private: Any street that is privately owned and maintained that is used to provide vehicular access to more than 1 property, business, or dwelling unit.

Street, Public: A street maintained by a unit of government within an officially deeded and accepted right-of-way.

Street, Residential: Any local or collector street where the primary land use of the lots that the street provides access to, and the lots on either side of the street is primarily residential.

Street Width: The width of the paved surface of a street, measured from back-of-curb to back-of-curb or from edge-of-pavement to edge-of-pavement where curbs are not present.

Subdivider: Any person or other entity which initiates proceedings to create a subdivision. See also *Developer*.

Subdivision: The division of any lot for the purpose of sale, transfer, gift, or lease that results in the creation of 1 or more new building sites.

Subdivision, Major: A subdivision that creates more than 3 total lots (including any remaining tract) and/or that requires the creation of any new public improvements.

Subdivision, Minor: A subdivision that (1) results in the creation of 3 or fewer total lots (including any remaining tract), each of which fronts on an existing street and (2) does not include the construction of any new public improvements. Minor subdivisions may include the upgrade of existing public improvements such as the construction of sidewalks, the dedication of additional street right-of-way along an existing street, and/or the extension of utility services to the new lots.

Surety: An amount of money or other negotiable instrument provided by a developer to the City that guarantees that they will perform all actions required by the City regarding an approved site plan, plat, or other improvement. Surety provides that, if the developer fails to comply with the requirements of the approval, funds will be provided for the City to complete those requirements.

T

Thoroughfare Plan: The official plan that sets forth the location, general alignment, dimensions, and classification of existing and proposed streets and other thoroughfares.

Topography: The configuration of the earth's surface, including the relative relief, elevations, and position of land features.

Traffic Calming: Methods of reducing the negative impact of vehicles on surrounding land uses and other methods of personal transportation through street design that decreases the speed of vehicles and provides increased space and comfort for pedestrians.

U

Undeveloped Land: Land in its natural state.



7.2 Definitions (cont.)

V

Vested Right: A right that has become fixed and cannot be revoked by subsequent changes of applicable regulations.

W

Waiver: A specific modification or lessening of the regulations established by this Ordinance that may be granted by the Plan Commission for a specific development in response to unique site characteristics or development patterns that justify relief from the otherwise generally applicable regulations.

Watercourse: Any natural or man-made channel through which water flows on a continual or temporary basis.

Wellfield: An area that contains 1 or more existing or proposed wells for supplying water to a water utility.

Wetland: Areas that are inundated and saturated by surface or groundwater at a frequency and duration sufficient to support vegetation typically adapted for life in saturated soil conditions as identified by the National Wetlands Institute and certified by an individual with a US Army Corps of Engineers Regulation 4 Jurisdictional Wetland Certification.

X, Y, & Z

Zoning District: A section of the City of Franklin Zoning Ordinance for which uniform zoning regulations governing use, height, area, size, intensity of use of buildings and land are established by this Ordinance.

Zoning Map: see *Official Zoning Map*

