

Design and Construction Engineer's Documentation of Construction Improvements

**TO BE COMPLETED BY PROFESSIONAL ENGINEER
EMPLOYED BY THE SUBDIVISION DEVELOPER**

Name of Subdivision _____

Name of Professional Engineer in responsible charge of design and/or construction _____

Name of Owner _____

The following minimum documentation items shall be submitted by the developer's engineer with his statement of satisfactory completion of the project.

1. Sewer system exfiltration and/or infiltration test results for the entire improvement
2. Sewer system deflection test results (600 feet minimum)
3. Road Improvements
 - Subbase material
 - Proctor Curve(s)
 - Density test (95% compaction minimum) minimum Ns/cu.yds. pour
 - Concrete mix design
 - Slump test results
 - Air test results
 - Concrete cylinder breaks

Asphalt Road

Mix design
Density test
Site analysis

**DESIGN AND CONSTRUCTION ENGINEER'S
DOCUMENTATION OF CONSTRUCTION IMPROVEMENTS**

1. Signed and sealed improvement plans

	<u>Submitted (check)</u>
Water	_____
Sewer	_____
Roadway	_____
Storm Sewer	_____
Erosion Control	_____
Detention Basin	_____
Final Topographical Plan	_____
Hydraulic Calculations	_____

2. Documentation to satisfy the following requirement of Chapter 109 of the Plat Act:

Neither the City Council of the City, the Board of Trustees of the Village or town or the officer designated by them, or the County Board of the County shall approve such plat, unless, in addition to any other requirements of such council, board of trustees or county board or the officer or officers designated by them, the topographical and profile studies to be submitted with the subdivision plat have on their face the certification of a Registered Professional Engineer, and the owner of the land or his duly authorized attorney, to the effect that to the best of their knowledge and belief the drainage of surface waters will not be changed by the construction of such subdivision or any part thereof, or that if such surface water drainage will be changed, adequate provision has been made for collection and diversion of such surface waters into public areas, or drains which the subdivider has a right to use, and that such surface waters will not be deposited on the property of adjoining land owners in such concentrations as may cause damage to the adjoining property because of the construction of the subdivision. The topographical and profile studies required herein shall not be recorded, but shall be retained and filed by City, Village, or county to which submitted for approval of the subdivision plat, as permanent public documents.

3. Sewer System Exfiltration/Infiltration Test (if city owned system)

Method _____

Results _____

Deflection Test 600 feet minimum length.

Results _____

4. Roadway Test

Subgrade Compaction

Proctor Curves submitted _____

Compaction Test results _____

Subbase Material _____

Pavement Quality Control Test _____

Construction testing shall be in accordance with the Illinois Department of Transportation's latest edition of their Project Procedures Guide which may be obtained from the Bureau of Materials and Physical Research, Materials Testing Section, Highway Building, 126 East Ash Street, Springfield, Illinois 62704-4766.

5. Letter from Subdivider's Engineer

The subdivider's professional engineer determines that the completed improvements conform to approved plans, he shall attest to this fact in a letter to the Administrator. The letter shall bear his seal and registration number. The City shall not accept any completed improvements until said letter has been received.

6. Filing "As-Built" records

Upon the completion of approved improvements, the subdivider/developer shall file with the Administrator a set of reproducible cloth- or polyester-base film positive and **three(3)** blue- or black-line copies showing the as-built details and any deviations from the approved plans. Plans for "As-Built" shall be kept on file by the City Engineer and Building and Zoning Administrator.