Floodplain Management Local Style

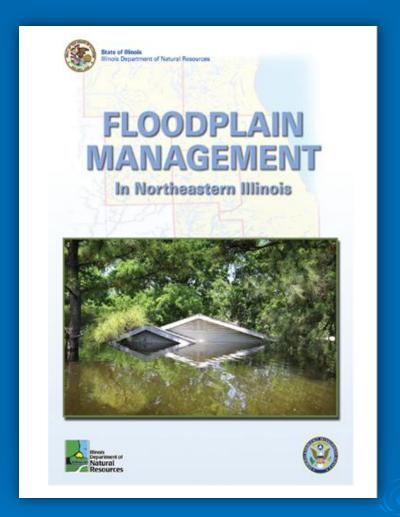


Greg Thorpe, Rock Island County, FPM extraordinaire

Floodplain Management

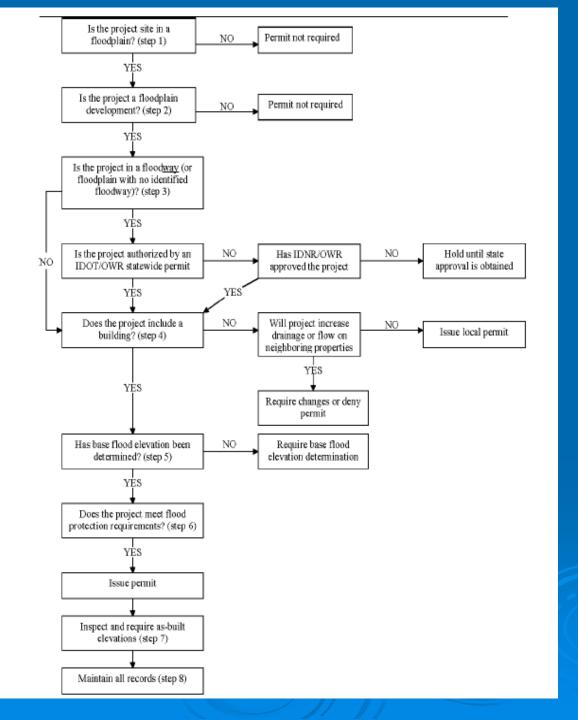


Local Floodplain Administrator's Manual
2006 Edition

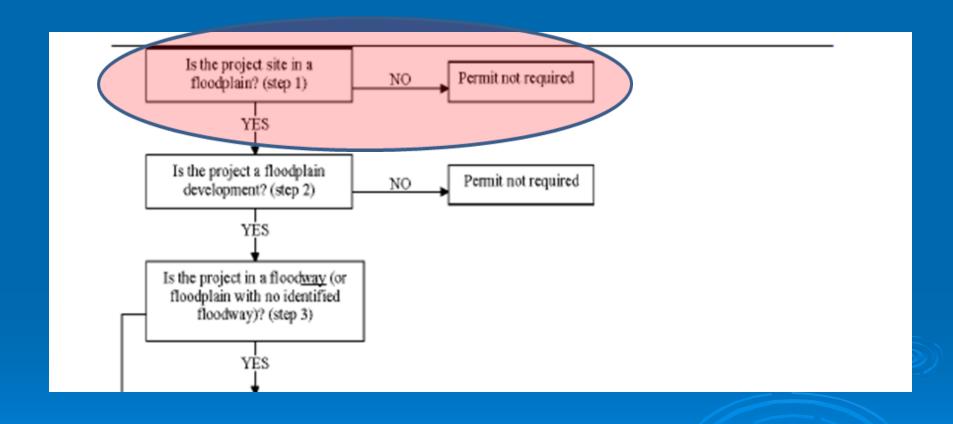


The "Blue Book"

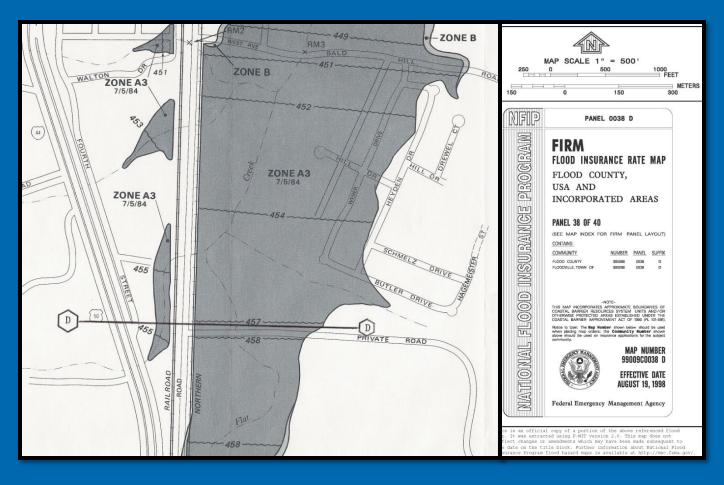
The "Green Book"



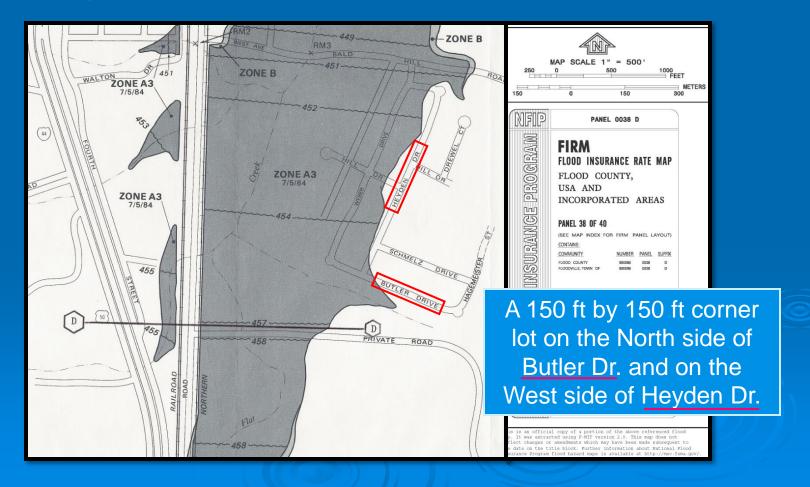
Is it in a FLOODPLAIN?



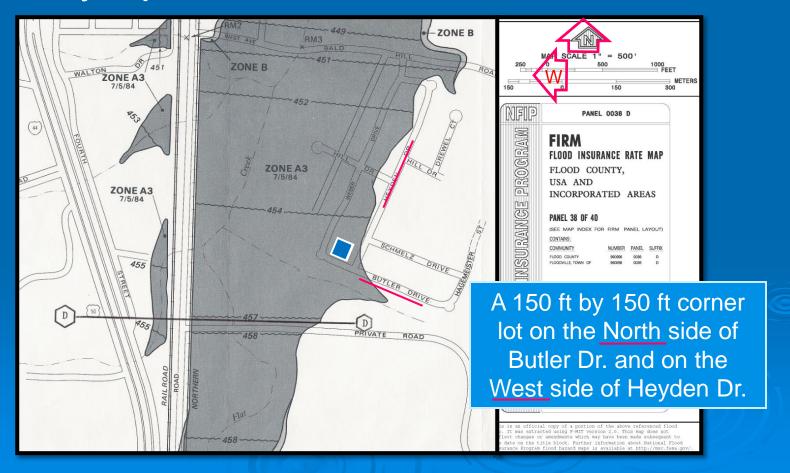
Select Correct FIRM Panel



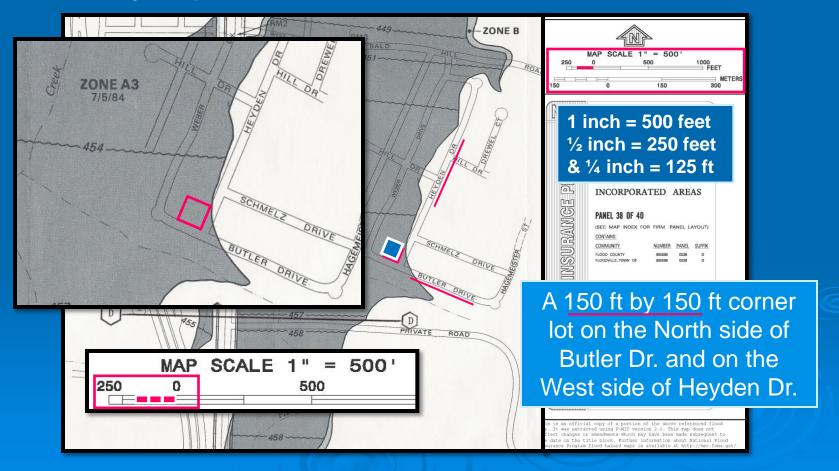
> Find General Location



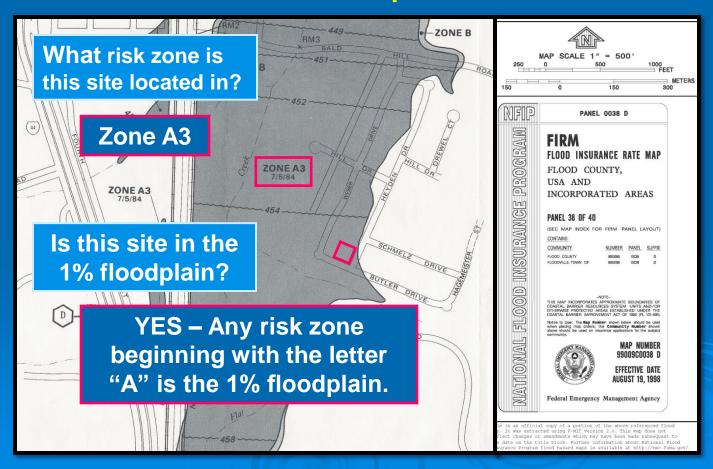
Identify Specific Location



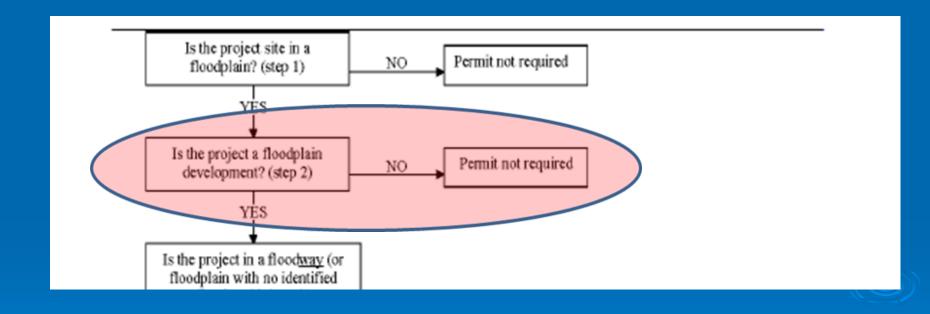
Identify Specific Lot



Is the Site in the Floodplain?



Is it DEVELOPMENT?

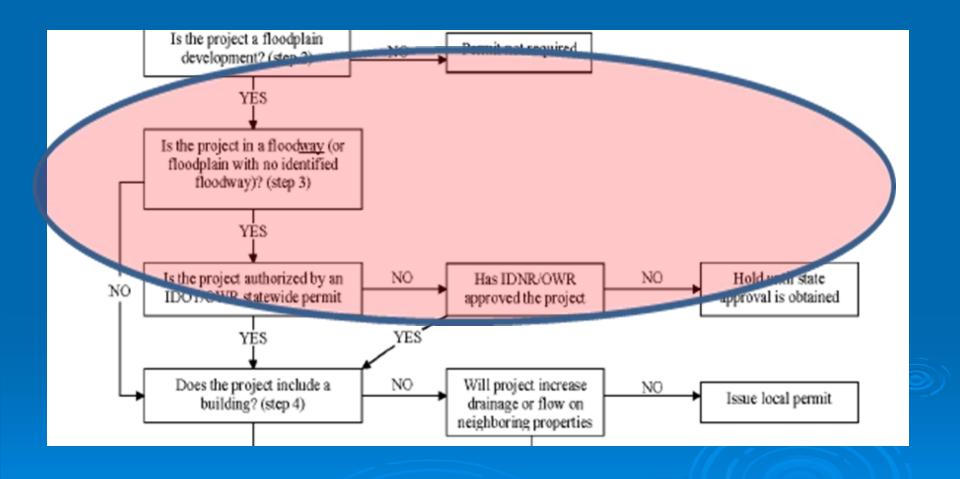


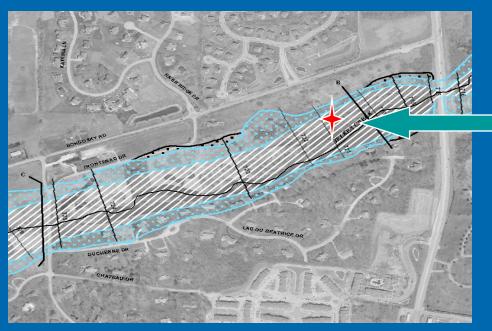
Development is

- Construction of new buildings
- Addition or substantial improvements to existing buildings
- Manufactured (mobile) homes and RVs
- Subdivisions or commercial developments
- Storage of materials
- ·Fill, grading, excavating
- Fences, culverts, bridges, roads
- And ANYTHING else that changes the floodplain



Is it in a FLOODWAY?



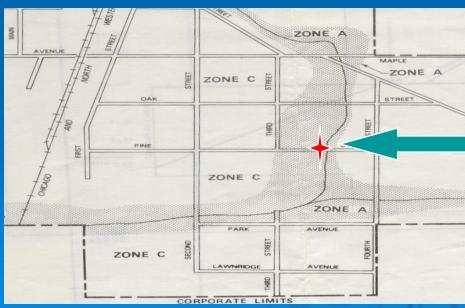


State Permit required in a:

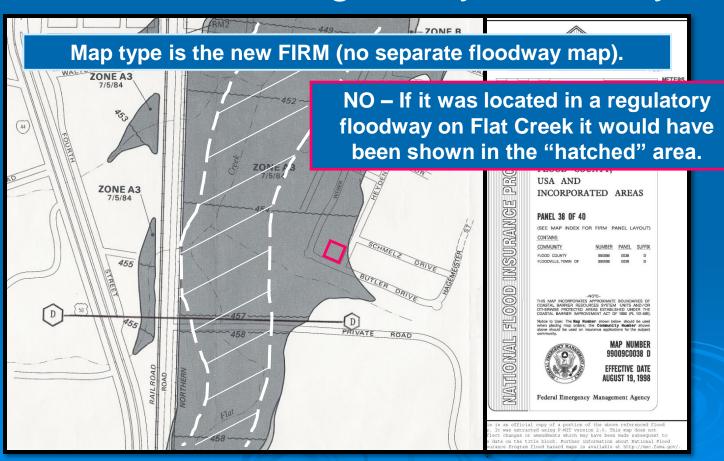
Mapped Floodway

Or

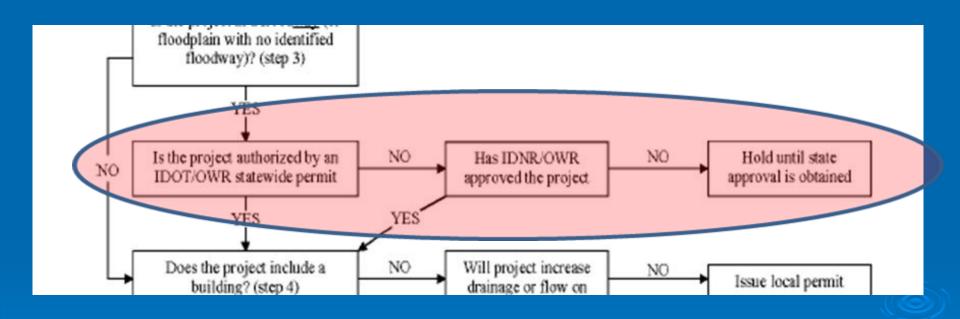
Floodplain with no identified Floodway



Is the Site in the Regulatory Floodway?



Does it have a state permit?



IDNR/OWR Permit Programs Adm. Rules

- ✓ Construction in Floodways of Rivers, Lakes and Streams: Part 3700 Rules
- Regulations for Dam Construction: Part 3702 Rules
- Regulations of Public Waters: Part 3704 Rules
- ✓ Floodway Construction in Northeastern Illinois: Part 3708 Rules
- Allocation of Water from Lake Michigan: Part 3730
 Rules

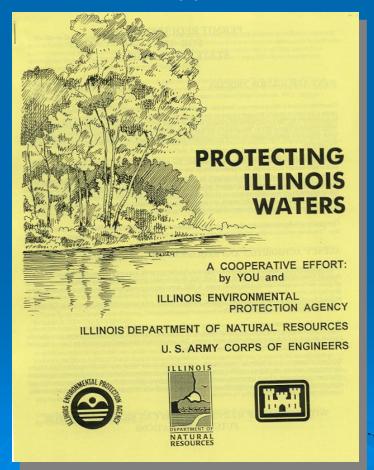
IDNR/OWR Floodway Permit Program (3708 Rules)

- Appropriate Uses
- Floodway Map Revisions
- Delegation
 - Municipalities/Counties
 - IDOT Agreement

IDNR/OWR Permit Program Process

Joint Application Form

Complete and Submit Joint Application Form



IDNR/OWR Floodway Permit Program

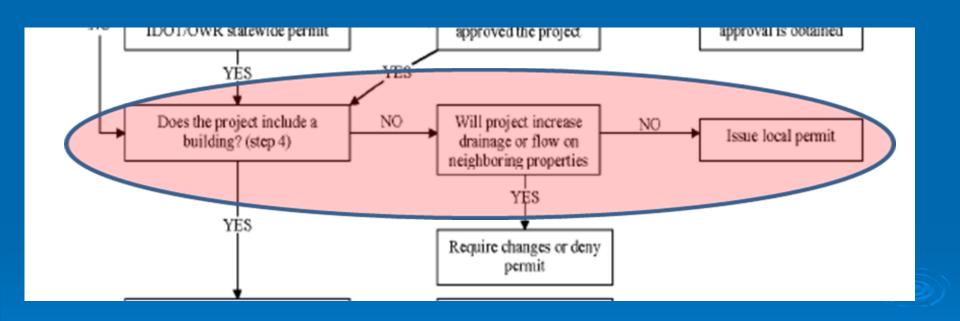
Current Active Statewide Permits

- SWP 2 Bridge and Culvert Crossings of Streams in Rural Areas
- SWP 3 Mooring Facilities Used Exclusively for Barge Fleeting Purposes
- SWP 4 Aerial Utility Crossings
- SWP 5 Minor Boat Docks
- SWP 6 Minor Non-Obstructive Floodway Construction
- SWP 7 Outfalls
- SWP 8 Underground Pipeline and Utility Crossings
- SWP 9 Minor Shoreline, Stream Bank, and Channel Protection activities
- SWP 10 Accessory Structures and Additions to Existing Residential Structures
- SWP 11 Minor Maintenance Dredging
- SWP 12 Bridge and Culvert Replacement Structures
- SWP 13 Temporary Construction Activities
- SWP 14 Special Uses of Public Waters

Can be found at

https://www.dnr.illinois.gov/WaterResources/Pages/PermitsStatewideRegionalGeneral.aspx

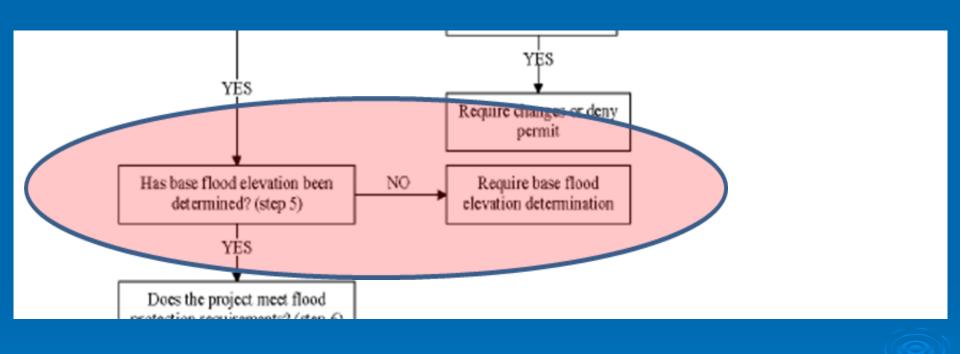
It is a BUILDING?



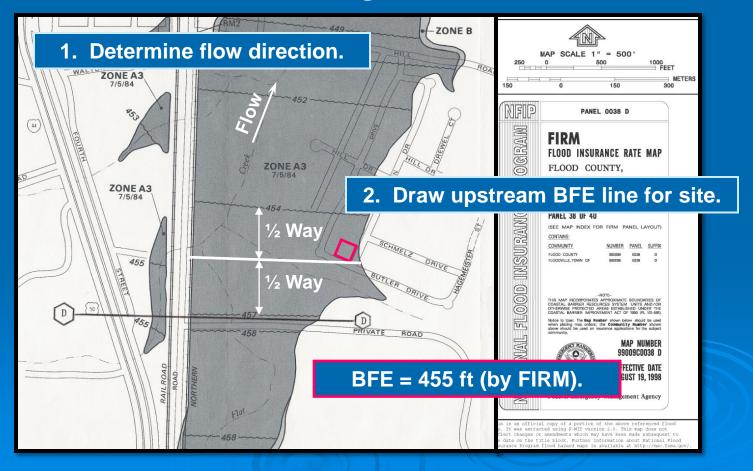
Building?



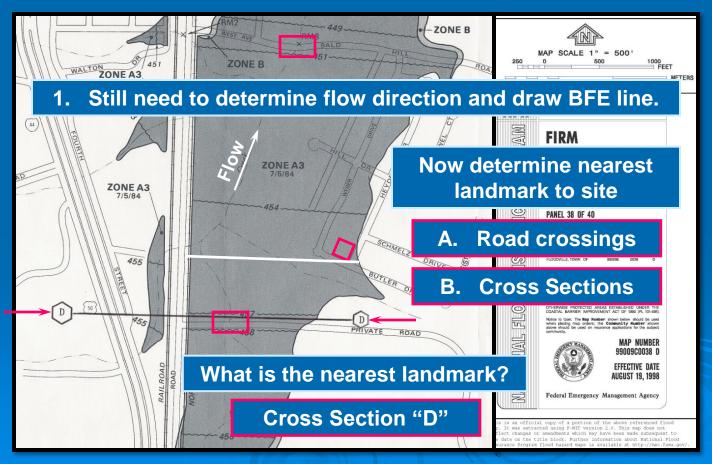
Got BFE?



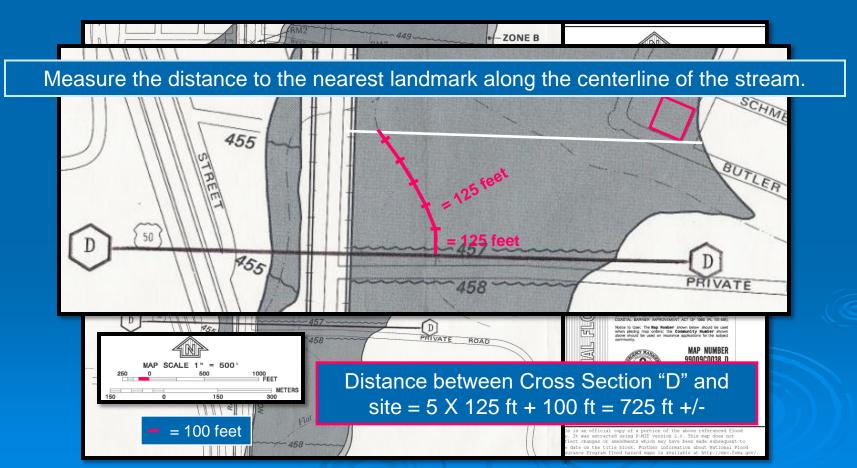
Determine BFE Using FIRM



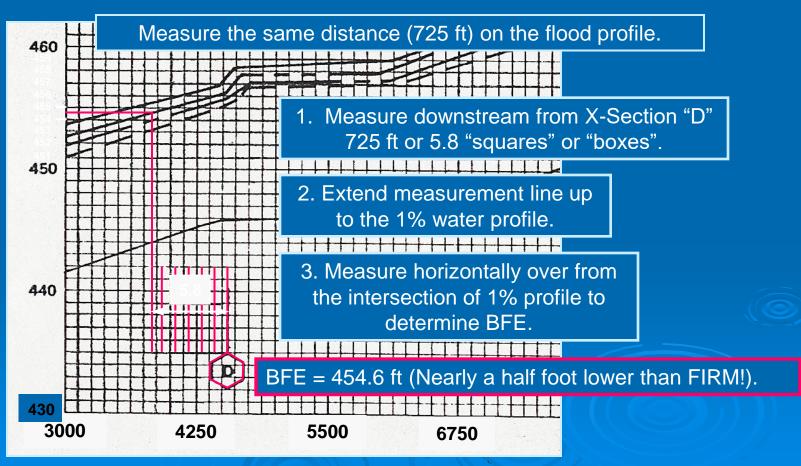
Determine BFE Using FIS Flood Profile



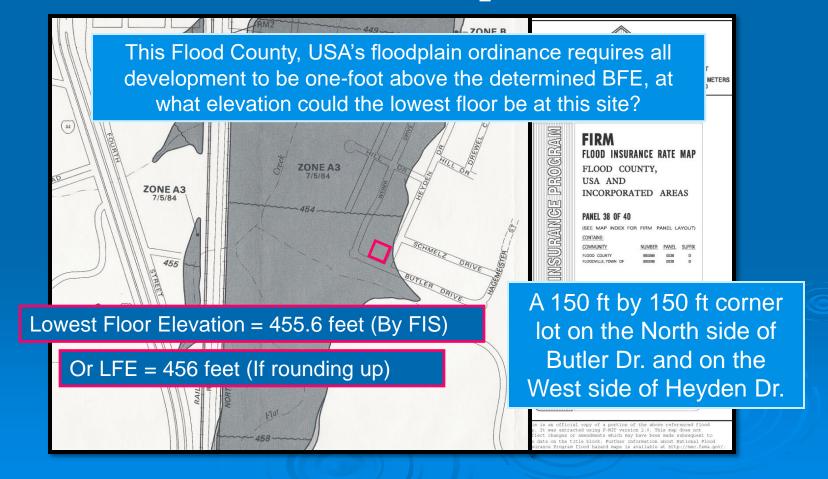
Determine Distance to closest Landmark



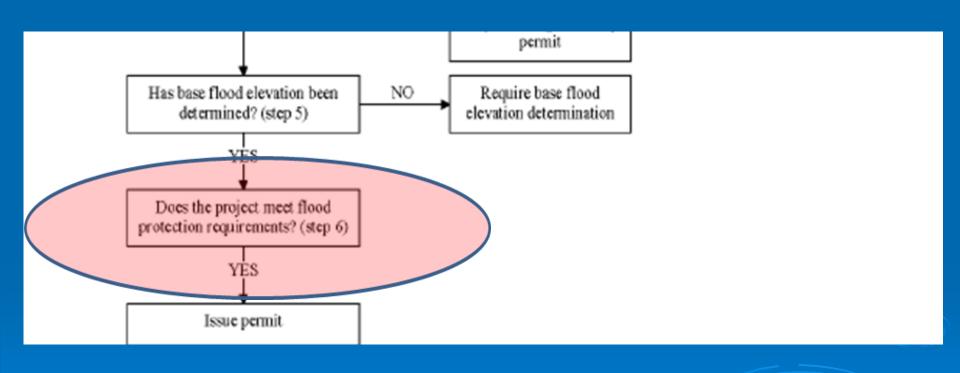
Determine BFE



> Additional Freeboard Requirements



Flood Protection Met?



Building Protection is a Priority..

New Buildings in a Floodplain must be

- Elevated on Fill
 - Elevated on flow-thru walls
 - Elevated by poles, piers, or columns



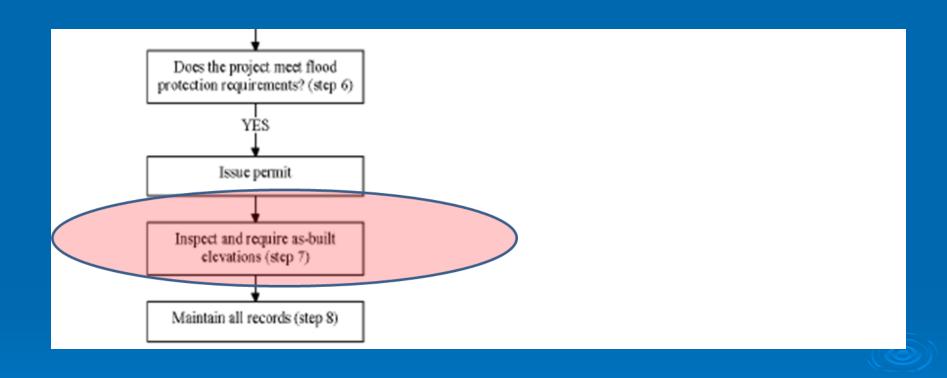




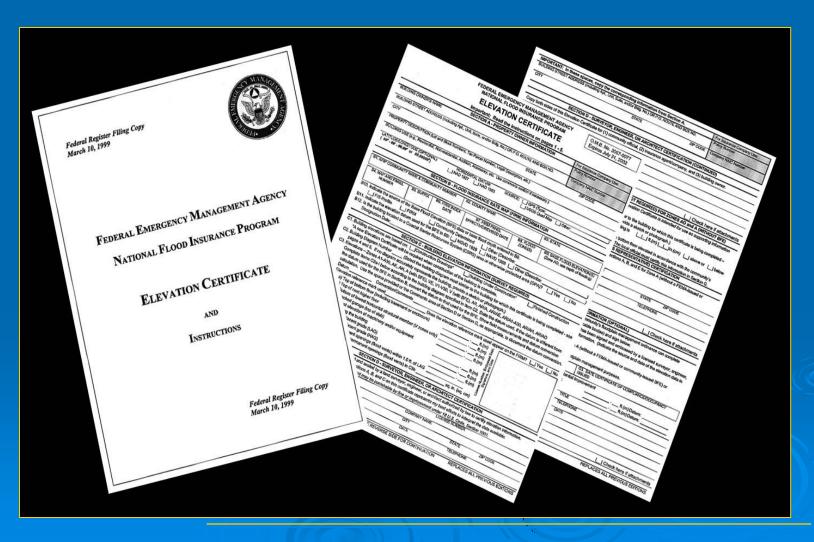
Strong Regulations Prevent New Damage



Got Elevations?



The FEMA Elevation Certificate



We will be watching! ©



Compliance!

100+ community visits per year.

15+ workshops per year.

5,000 technical assistance per year.

Illinois leads
the nation in
communities on
probation or
suspended
from the
National Flood
Insurance
Program.



7 communities nationwide kicked out of NFIP. 5 are in Illinois! We are serious!

What the....#@*%\$*@!



The feather in our cap...

Illinois is ranked #1 in the nation for the fewest number of flood insurance claims on post-FIRM (newer) structures. (1%).

(Some states have as much as 50% of flood claims taking place on newer buildings)









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