Floodplain Permit

Extreme Makeover-Home Edition

by Joe Trammel, P.E., CFM, and Clair Davis, P.E., CFM, and special guest Amber Augustin, recipient of 2008 Extreme Makeover-Home Addition
Floodplain Permit-Extreme Makeover-Home Edition

- June 17, 2007-Fathers Day
- The Rain - estimates were around 5-6 inches
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- Three Locations of Windshield Inspections
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- Windshield Inspections
  - Three areas seemed to have received substantial flooding - further investigation needed
    - Rollingwood Subdivision
    - Golden Triangle Estates
    - Keller Hicks Area
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- Did they receive substantial damage with this storm or an accumulation of this storm and a history of flooding?

- If substantial damage occurred, are they compliant:
  - Tarrant County - no zoning = no building codes...only FEMA adopted regulations apply (1 foot above the BFE)
  - CFW-zoning=building codes apply in addition to FEMA adopted regulations (2 feet above BFE)
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- Rollingwood Home - not compliant - home is elevated on columns and in process of converting lower area to living area...we told them to stop....it could only be utilized for parking and/or storage
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- Golden Triangle Home - is compliant - home didn’t receive substantial damage
2880 Keller Hicks - not compliant - home isn’t one foot above BFE (actually 0.1’ below) and received substantial damage
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- Options? Hazard Grant Mitigation Program (HGMP)- brought to my attention by Amber Augustin

- Could work if a 1) a disaster had been declared by the President (had to wait on declaration) and 2) during wait we found out that a Mitigation Action Plan had to be prepared (had to wait on that process between Emergency Departments in several jurisdictions) and we found out it had to be approved (we had to wait on approval by State and FEMA)
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- Declaration Deadlines vs MAP approval - will the timing work?
- While waiting - study options
  - Elevate
  - Demolish and relocate
  - Re-build to current standards
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- Declaration Declared!
- MAP Approved!

- Decision Time.....elevate or demolish and rebuild, or demolish and relocate?

- Complete NOI for both Golden Triangle Circle and Keller Hicks Road

- Wait.... both locations approved!
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- HGMP process never done before in Tarrant County
- I was still relatively new to Tarrant County
- I was still relatively new to Floodplain Management
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- Application details - paper method....not yet electronic
- Maps
- An Environmental Justice Statement
- BCA
- Cost Share
- Narrative Statement
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Application (Continued)

❖ Project Cost Breakdown
❖ Project Work Schedule
❖ Synopsis

TCEQ and SHPO coordination
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- Application(s) submitted and once again...waiting

- EXTREME HOME MAKEOVER COMES TO THE RESCUE
His request approved, the CNN News photographer quickly used a cell phone to call the local airport to charter a flight.

There was told a twin-engine plane would be waiting for him at the airport.

Arriving at the airfield, he spotted a plane warming up outside a hangar.

He jumped in with his bag, slammed the door shut, and shouted, 'Let's go'.

The pilot taxied out, swung the plane into the wind and took off.

Once in the air, the photographer instructed the pilot, 'Fly over the valley and make low passes so I can take pictures of the fires on the hillsides.'

'Why ??' asked the pilot.

'Because I'm a photographer for CNN, he responded, and I need to get some close up shots.'

The pilot was strangely silent for a moment, finally he stammered, 'So, what you're telling me, is . . . You're NOT my flight instructor?!'

“ALWAYS ASK QUESTIONS….because….Life is short,
Before you finish your design…physically visit the site…
You never know what you’ll see on a site visit!