

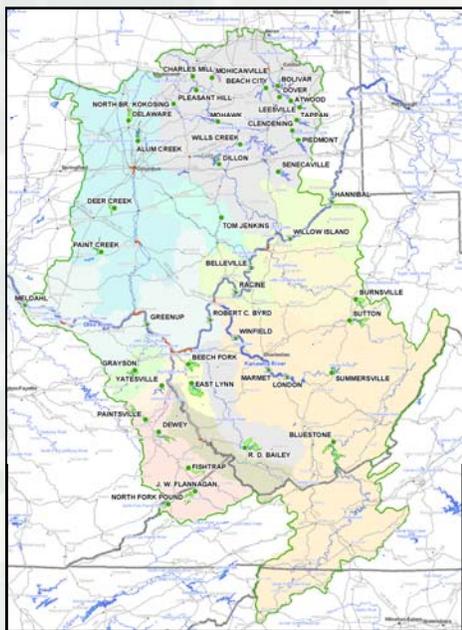
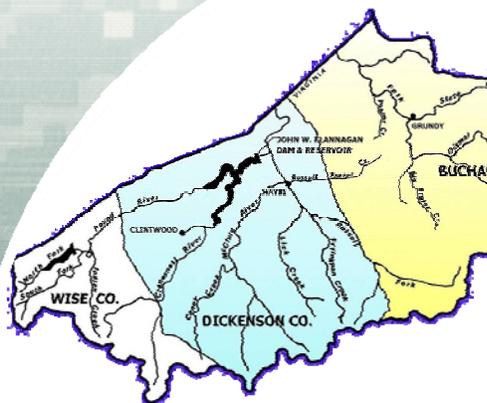
# Section 202 Dickenson County Nonstructural Project Briefing for the Board of Education

Project Manager  
Huntington District

May 26, 2010



US Army Corps of Engineers  
**BUILDING STRONG®**



## Huntington District

- 35 Lakes
- 29 Local Protection Projects
- 9 Lock & Dams
  
- 940+ Employees
- FY 10 Budget – \$340M
  
- 311 Ohio River Miles
- 9 River Basins
- 45,000 square miles



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# Levisa Fork Basin Section 202

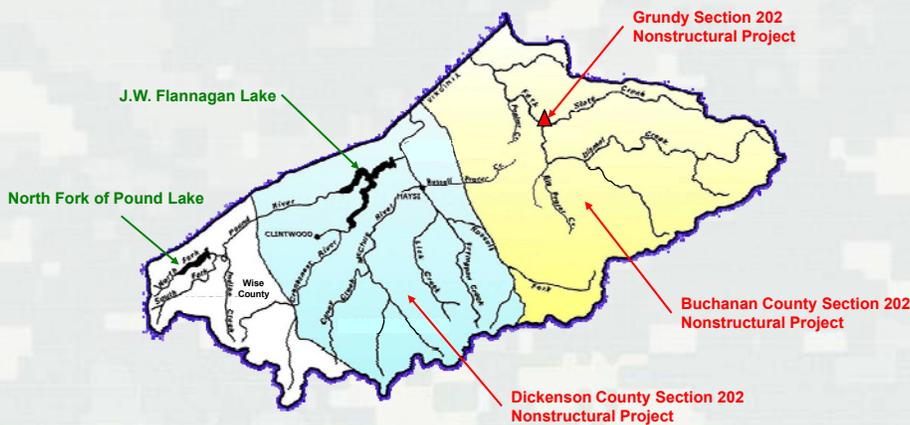


Authorized by Energy and Water Development Appropriations Act of 1981 (P.L. 96-367), Section 202; as amended by Supplemental Appropriations Act of 1982 (P.L. 97-257)



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# Levisa Fork Basin Section 202



Authorized by Energy and Water Development Appropriations Act of 1981 (P.L. 96-367), Section 202; as amended by Supplemental Appropriations Act of 1982 (P.L. 97-257)



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## Dickenson County Nonstructural Project School Relocations

- **Section 202 Criteria:**
  - ▶ Prevent damages as occurred as result of April 1977 flood
  - ▶ Level of protection is April 77 or 100-year – whichever is greater
  - ▶ Structures within the floodway can only be acquired/relocated
  
- **Methods of Flood Protection:**
  - ▶ Floodproofing
  - ▶ Ringwalls
  - ▶ Floodplain evacuation
  - ▶ Structure relocation



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## Dickenson County Nonstructural Project School Relocations

- **Project Description:**
  - ▶ Voluntary floodproofing and acquisition
    - 225 eligible structures
  - ▶ Ringwall
    - Clinchco Elementary School
  - ▶ Relocations
    - Ervinton High School
    - Sandlick Elementary School
    - Haysi High School (lower buildings)
  - ▶ Flood Warning System (FWS) including Buchanan and Wise Counties
  
- **Project Status:**
  - ▶ PCA & MOA executed – Jan 06
  - ▶ Initiate Detailed Design Report (DDR) for schools
  - ▶ Negotiating with VDEM on FWS
  
- **Total Project Cost** – \$104M
  
- **Local Sponsor** – Dickenson County Board of Supervisors
  - ▶ Cost Share Requirement – 5%



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## Dickenson County Nonstructural Project School Relocations

### ▪ Governing Principles:

- ▶ Three of the schools' facilities w/in floodway
  - Ervinton High School
  - Haysi High School
  - Sandlick Elementary
- ▶ One school in April '77 floodplain
  - Protected to 100-year
- ▶ Corps developing Design Documentation Report (DDR)
  - Serves as basis for negotiating a Relocations Agreement
- ▶ New schools designed under current Virginia School standards



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## Dickenson County Nonstructural Project School Relocations

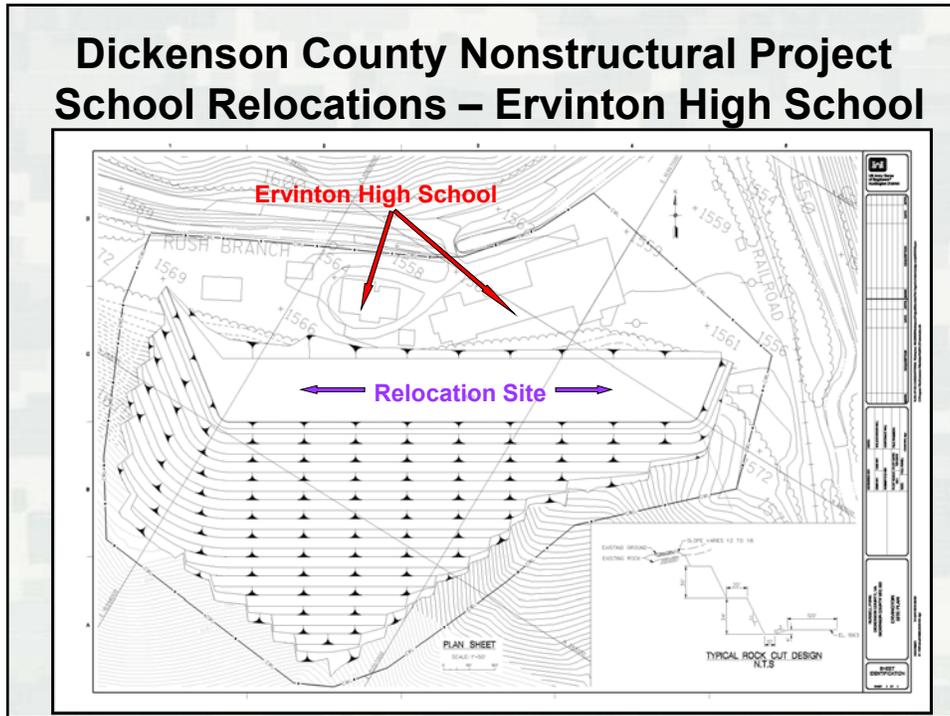
### ▪ Collaboration:

- ▶ Dickenson Public Schools (DPS)
- ▶ Dickenson Board of Supervisors
- ▶ Industrial Development Authority
- ▶ Congressional Representation
- ▶ USDA – Rural Development
- ▶ Board of Education
- ▶ MB Kahn
- ▶ US Army Corps of Engineers



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## Dickenson County Nonstructural Project School Relocations – Ervinton High School



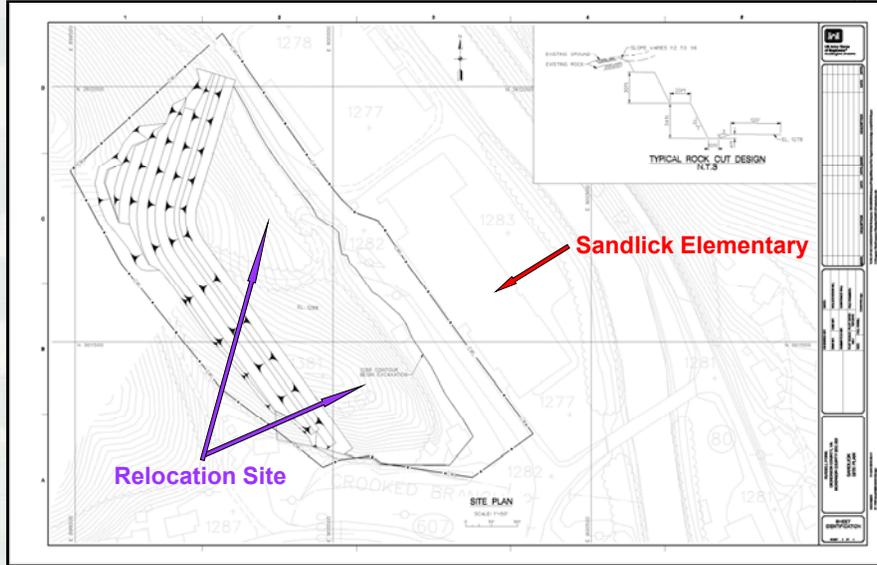
## Dickenson County Nonstructural Project School Relocations – Ervinton High School

- **Existing School**
  - ▶ Enrollment – 213
  - ▶ Floor Plan – 56,000 SF
  - ▶ Custodian’s Home
  - ▶ Football Field & Appurt
  - ▶ 3 Storage Bldgs
  - ▶ Demolish Bldgs
- **Relocated School**
  - ▶ Enrollment – 202 (Proj)
  - ▶ Floor Plan – 78,806 SF
  - ▶ Custodian’s Home
  - ▶ Football Field & Appurt
  - ▶ Other Athletic Facilities/Play Areas
  - ▶ Relocate Cemetery
  - ▶ Campus Size – 12 Acres



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## Dickenson County Nonstructural Project School Relocations – Sandlick Elementary



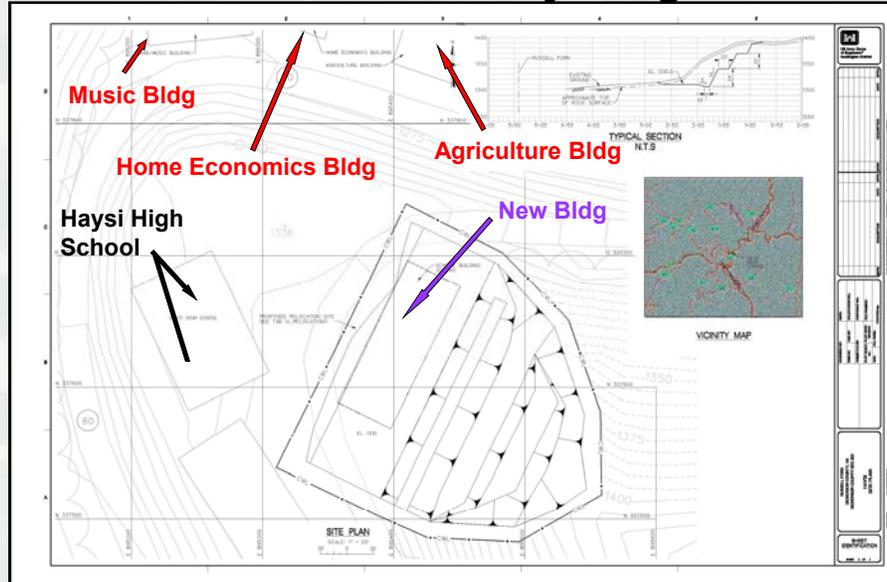
## Dickenson County Nonstructural Project School Relocations – Sandlick Elementary

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>▪ <b><u>Existing School</u></b> <ul style="list-style-type: none"> <li>▶ Enrollment – 543</li> <li>▶ Floor Plan – 75,000 SF</li> <li>▶ Custodian’s Home</li> <li>▶ Storage Bldgs</li> <li>▶ Demolish Bldgs</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>▪ <b><u>Relocated School</u></b> <ul style="list-style-type: none"> <li>▶ Enrollment – 496 (Proj)</li> <li>▶ Floor Plan – 78,000 SF</li> <li>▶ Custodian’s Home</li> <li>▶ Campus Size – 9 Acres</li> <li>▶ Cemetery Relocation</li> </ul> </li> </ul> |
|--|---|



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## Dickenson County Nonstructural Project School Relocations – Haysi High School



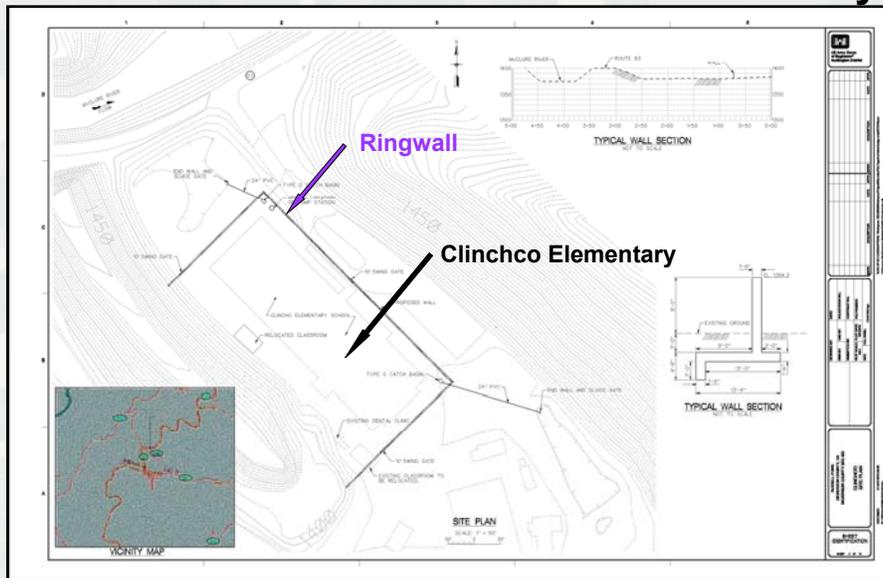
## Dickenson County Nonstructural Project School Relocations – Haysi High School

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>▪ <b><u>Existing School</u></b> <ul style="list-style-type: none"> <li>▶ Enrollment – 284</li> <li>▶ 4 Education Bldgs</li> <li>▶ Athletic Fieldhouse @ Sandlick Football Field – 5,000 SF</li> <li>▶ Demolish Bldgs</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>▪ <b><u>Relocated Facilities</u></b> <ul style="list-style-type: none"> <li>▶ Enrollment – 258 (Proj)</li> <li>▶ Floor Plan – 10,300 SF</li> <li>▶ Athletic Field House – 5,000 SF</li> </ul> </li> </ul> |
|--|--|



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## Dickenson County Nonstructural Project School Relocations – Clinchco Elementary



## Dickenson County Nonstructural Project School Relocations – Clinchco Elementary

- **School:**
  - ▶ Current enrollment – 170
  - ▶ Projected enrollment – 155
- **Ringwall:**
  - ▶ 1,060 LF of “T”-wall
  - ▶ 9-Feet high
  - ▶ 3 – 10’ wide gates
  - ▶ Hazardous waste issues in groundwater



Matewan High School



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## Dickenson County Nonstructural Project School Relocations – Schedule Funding

► **Schedule:**

- Completed Draft DDR – May 19, 2010
- Complete Agency Technical Review – June 23, 2010
- Complete Final DDR & Initiate Relocations Agreement Negotiations – July 30, 2010
- Execute Relocations Agreement – December 7, 2010 (September 30, 2010)



► **Funding:**

- Cost Shared 95% Federal/5% Non-Federal
- Through FY 10
  - ▷ Federal - \$2.5M (plus \$2.5M from Grundy)
  - ▷ Non-Federal - \$21K
- FY 11 Administration's Budget to Congress - \$19.5 Million



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Huntington, WV

Questions ?



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