

# WVDOH

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## Update on In-House Visualization Efforts

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Program Planning & Administration Division

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# Three Topics for Today

- » Project Visualization Update
- » Creative Services Update
- » Our Vision for the Future

# What is Project Visualization?

- » Infrastructure Projects in Context

# What Other Types Are There?

- » Data Visualization
- » Geospatial Visualization
- » Architectural Interior Visualization
- » Many others

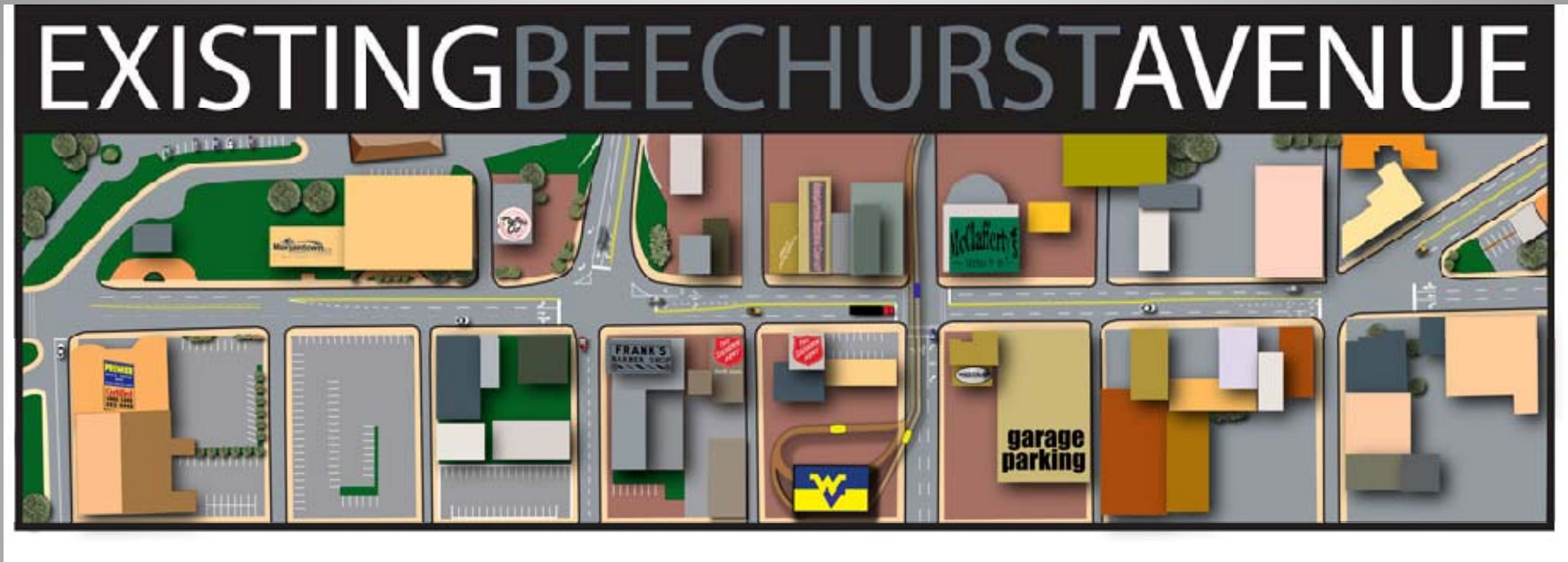
# Project Visualization Update

- » Beechurst Ave., Morgantown
- » East Street Bridge, Parkersburg
- » 705 Connector, Morgantown
- » Coonskin Park Access, Charleston
- » New River Gorge Bridge

# Beechurst Avenue

- » 2D Conceptual Rendering
- » Help Others “See Ideas”
- » Cooperative Effort

# Beechurst Avenue



# BEECHURST AVENUE PROPOSITION 1



# BEECHURST AVENUE PROPOSITION 2



# East Street Bridge

- » 2D Photosimulation
- » Help Others “See Ideas”
- » Cooperative Effort





## EXISTING ROAD- BRIDGE SIDE



"This conceptual visualization does not represent a final implementation proposal."



## EXISTING ROAD- CAMDEN AVENUE



"This conceptual visualization does not represent a final implementation proposal."



# SCENARIO 1



"This conceptual visualization does not represent a final implementation proposal."



## SCENARIO 2



"This conceptual visualization does not represent a final implementation proposal."



## SCENARIO 3



"This conceptual visualization does not represent a final implementation proposal."



# SCENARIO 1 CAMDEN VIEW



"This conceptual visualization does not represent a final implementation proposal."



## SCENARIO 2 CAMDEN VIEW



"This conceptual visualization does not represent a final implementation proposal."



# SCENARIO 3 CAMDEN VIEW



"This conceptual visualization does not represent a final implementation proposal."

# 705 Connector (Mileground)

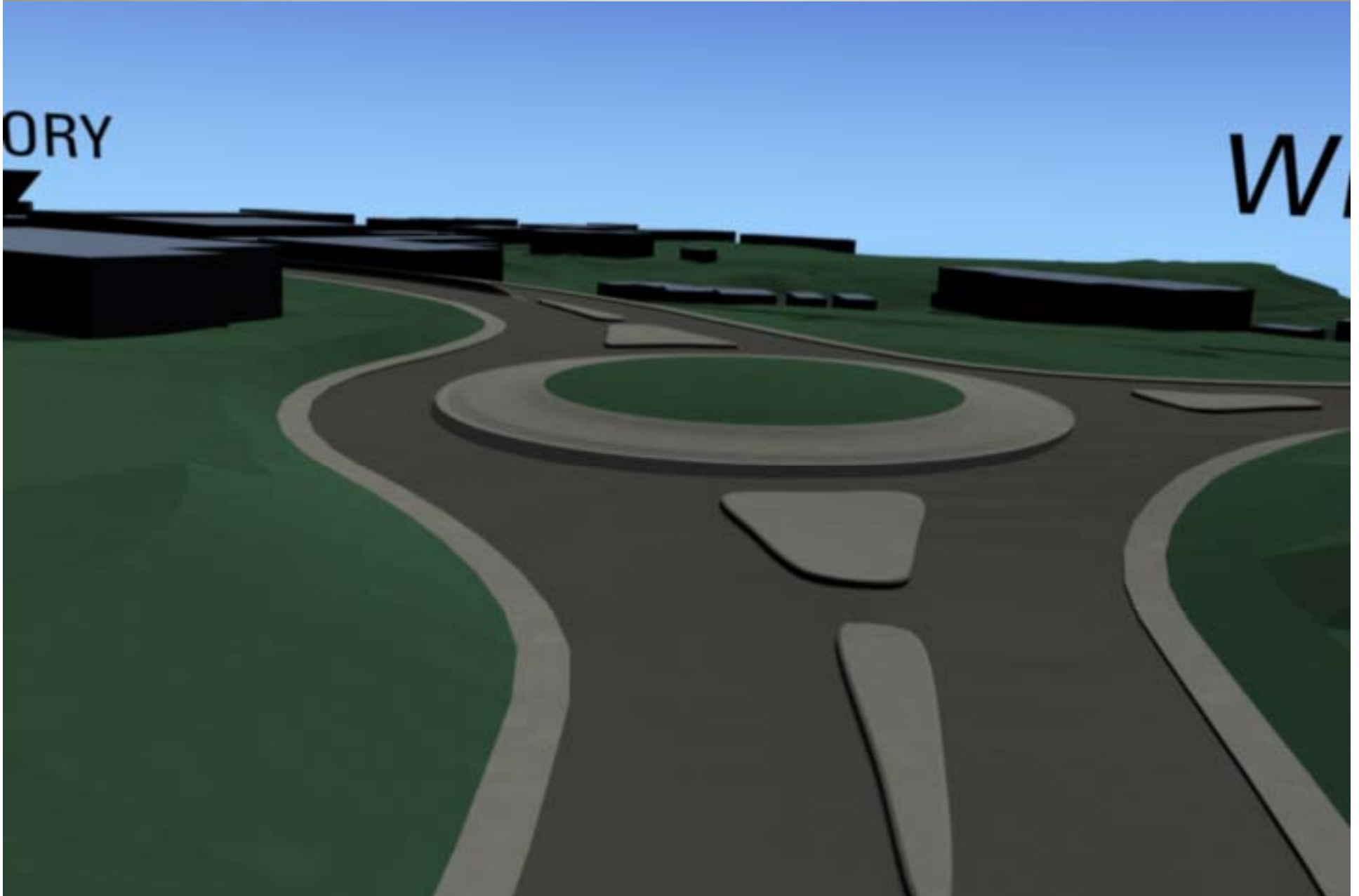
- » 3D Environment
- » Help Others “See Ideas”
- » Cooperative Effort



# 705 Connector (Mileground)



# 705 Connector (Mileground)



# 705 Connector Alternatives



# Coonskin Park Access

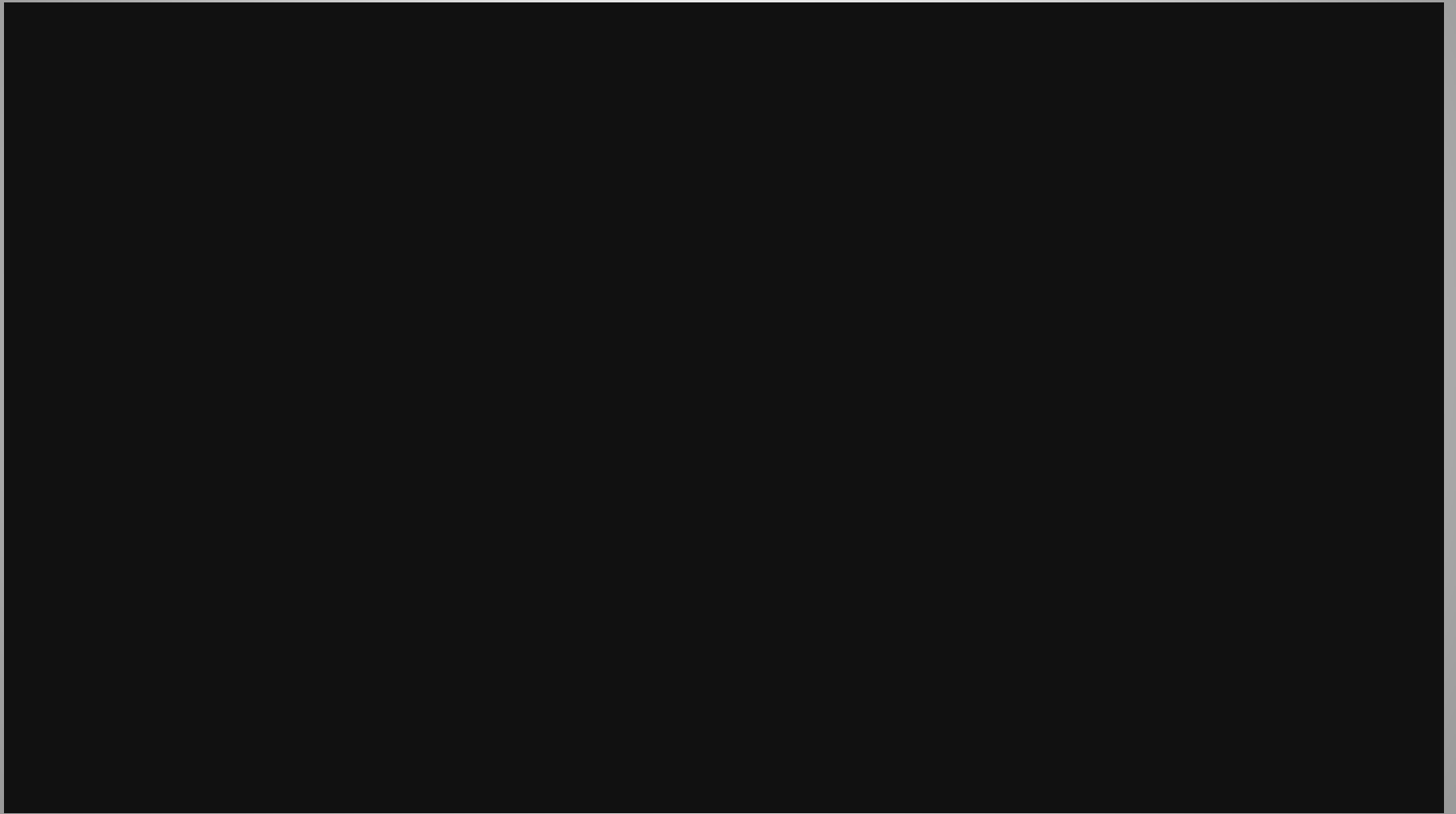
- » 3D Environment
- » Help Others “See Ideas”
- » Cooperative Effort

# Coonskin Park Access

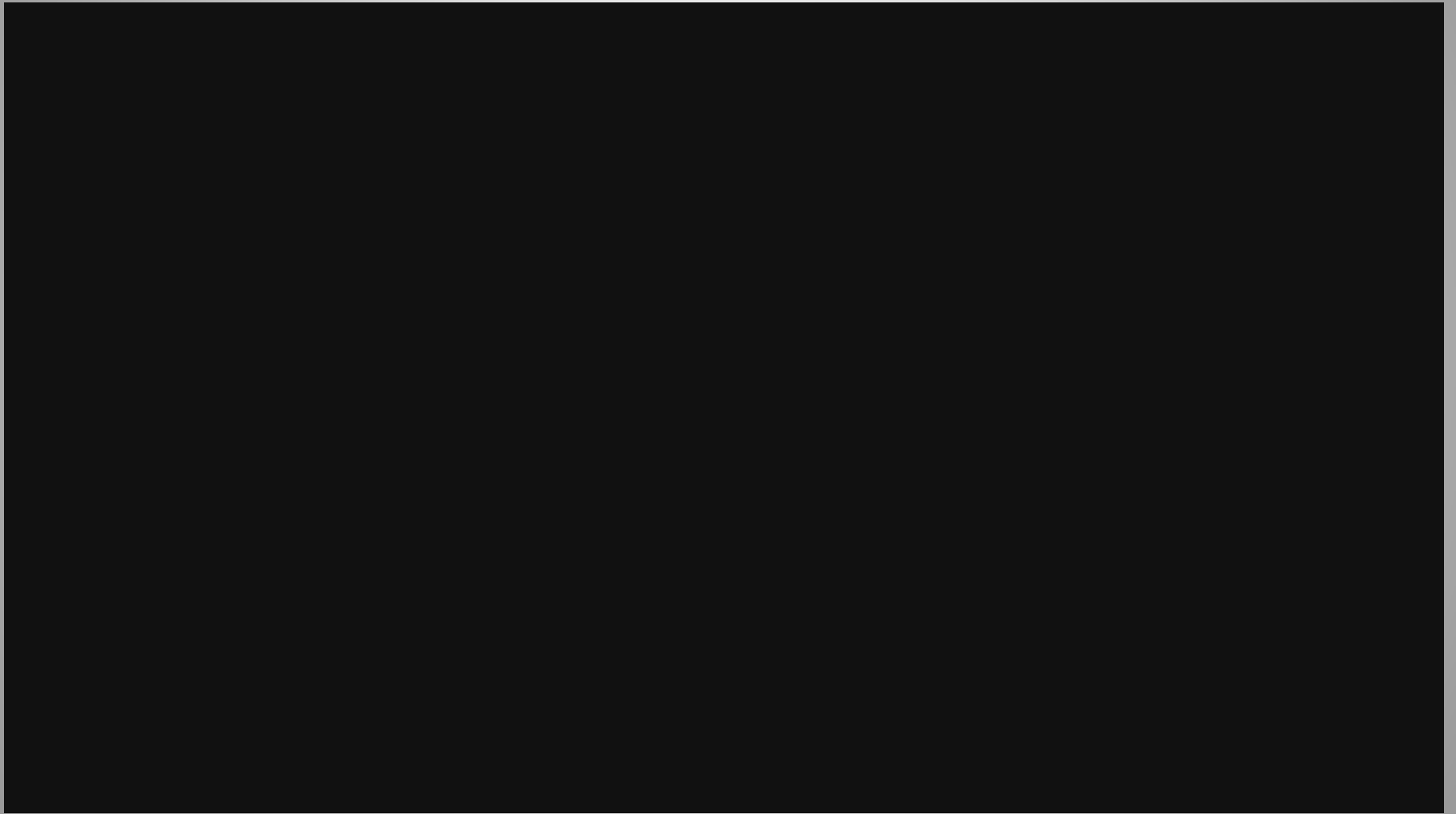
Perspective



# Coonskin Park Access



# Coonskin Park Access



# Coonskin Park Access





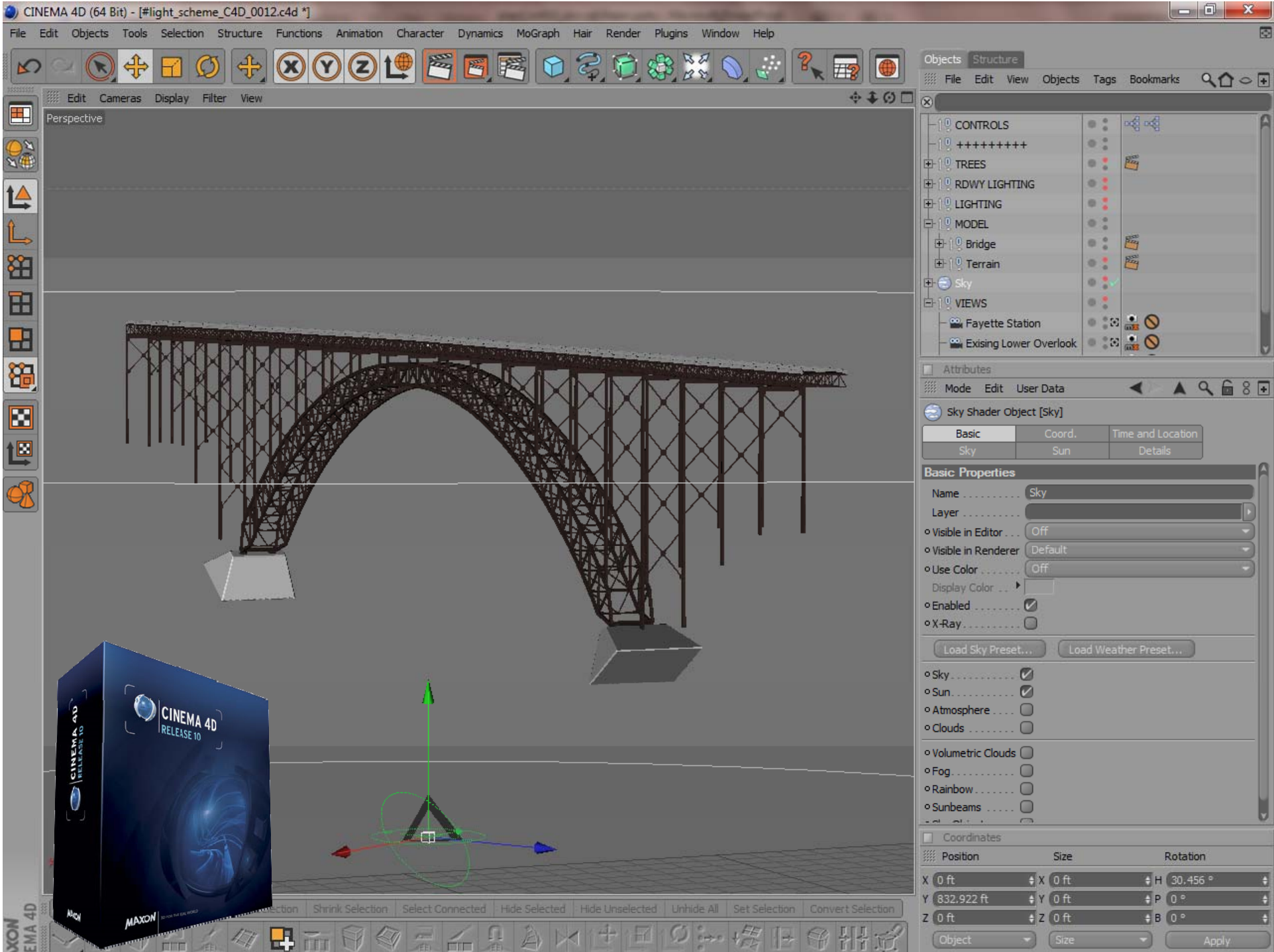
# Coonskin Park Access

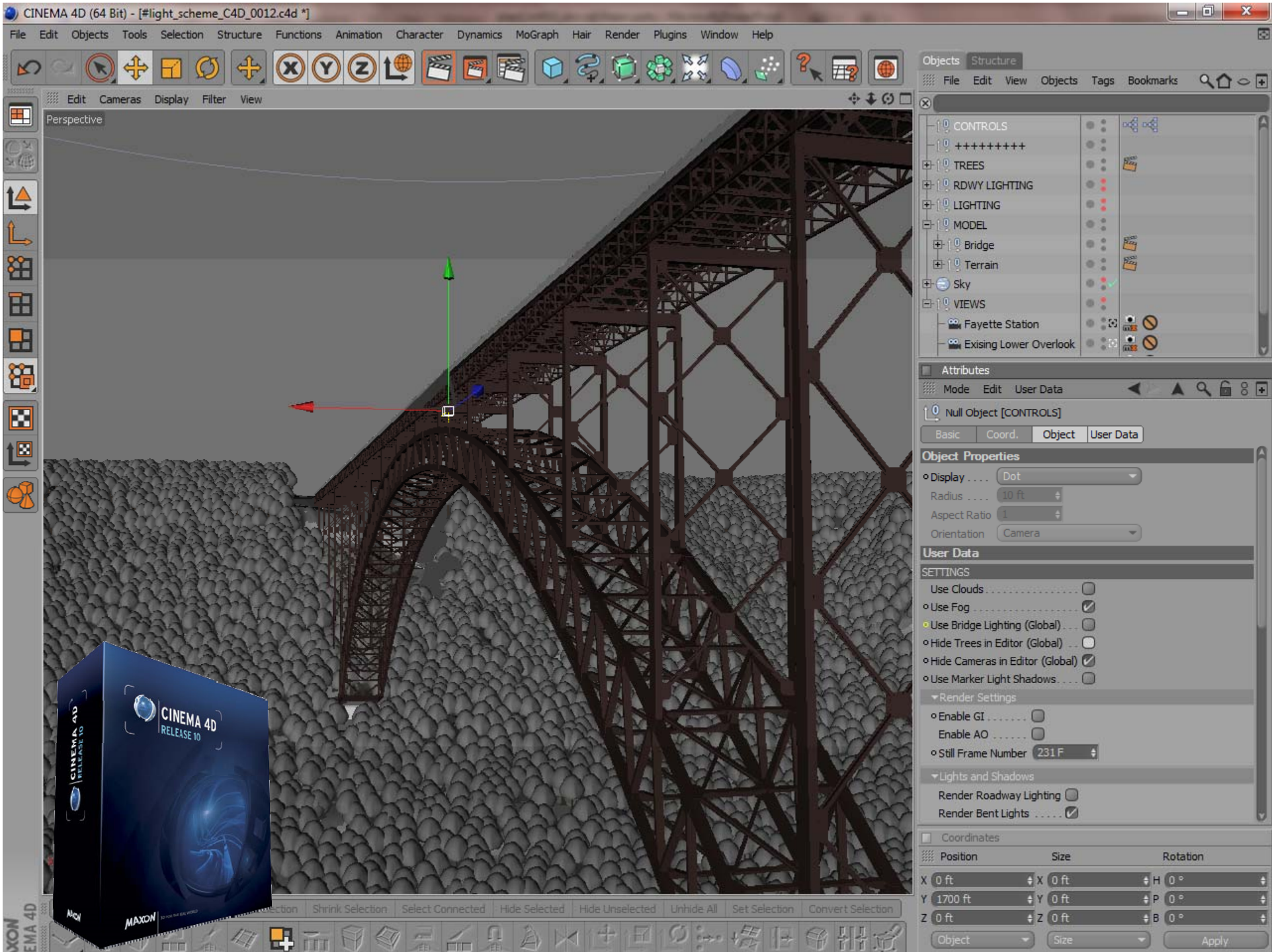


# New River Gorge Bridge

- » 3D Environment
- » Help Others “See Ideas”
- » Cooperative Effort

(a current work in progress)





# The New River Gorge Bridge

WV DOT LIGHTING STUDY

[View Scheme A](#) [View Scheme B](#) [View Scheme C](#) >> [View 3D Animation](#)

## Lighting Scheme B



Created by the Program Planning & Administration Division of the WV DOT | PRELIMINARY - NOT FOR RELEASE

This conceptual visualization does not represent a final implementation proposal.

# The New River Gorge Bridge

WV DOT LIGHTING STUDY

[View Scheme A](#) [View Scheme B](#) [View Scheme C](#) >> [View 3D Animation](#)

## Lighting Scheme C



Created by the Program Planning & Administration Division of the WV DOT | PRELIMINARY - NOT FOR RELEASE

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# The New River Gorge Bridge

WV DOT LIGHTING STUDY

[View Scheme A](#) [View Scheme B](#) [View Scheme C](#) >> [View 3D Animation](#)

## Lighting Scheme C



Created by the Program Planning & Administration Division of the WV DOT | PRELIMINARY - NOT FOR RELEASE

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# The New River Gorge Bridge

WVDOT LIGHTING STUDY

[View Scheme A](#) [View Scheme B](#) [View Scheme C](#) >> [View 3D Animation](#)

3D MODEL ANIMATION | LIGHTING SCHEME C



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# Creative Services Update

- » Too Many to Cover Today
- » Services Have Included
  - Publication Covers
  - Maps
  - Public Meeting Boards/Signs
  - PowerPoint Support

# West Virginia

## Multi-Modal Statewide Transportation Plan



The West Virginia Department of Transportation

IN COOPERATION WITH THE Federal Highway Administration

AND THE Federal Transit Administration

# STIP

## 2011/2016

FEDERAL FISCAL YEARS

### Statewide Transportation Improvement Program

December 2010

Joe Manchin III  
GOVERNOR  
Paul A. Mattox, Jr., PE  
CABINET SECRETARY



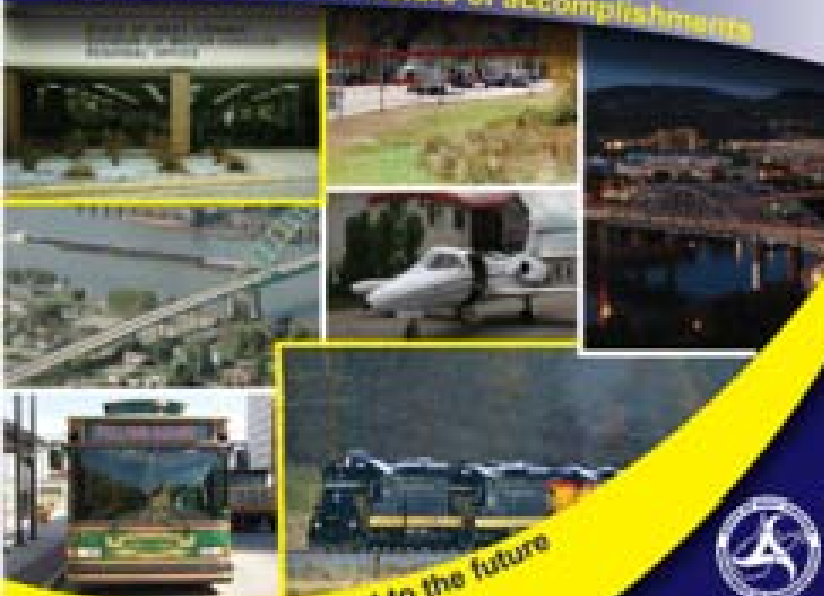
State of West Virginia  
Department of Transportation

U.S. Department of Transportation  
Federal Transit Administration

# WEST VIRGINIA

department of transportation

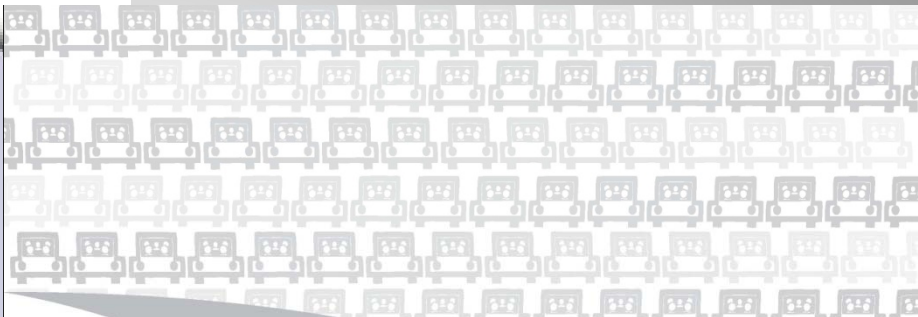
tradition of success...future of accomplishments



looking from the past to the future



West Virginia Department of  
Transportation  
Program Planning and Administration  
in cooperation with  
United States Department of  
Transportation  
Federal Highway Administration



# park & ride



West Virginia Department of Transportation  
Division of Highways

Presented by:  
Alanna J. Slack, PE  
Program Planning and Administration Division

2010 WVDOT/MPO/FHWA Transportation  
Planning Conference, October 26-28, 2010



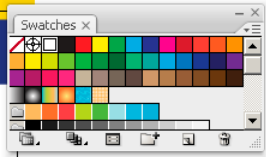
**Market Street Bridge** Visualizing Color With Photo Simulation

Existing View

Options A, B, C, D, E

Participate in the online poll at:  
<http://www.wvdot.com/MarketStreetBridge>

Logos: West Virginia Department of Transportation, U.S. Department of Transportation Federal Highway Administration, BIJ Broke Hancock Jefferson Metropolitan Planning Commission, City of Polansko, City of Weirton, City of Steubenville



Layers X

- Content
- Photo
- Background

3 Layers

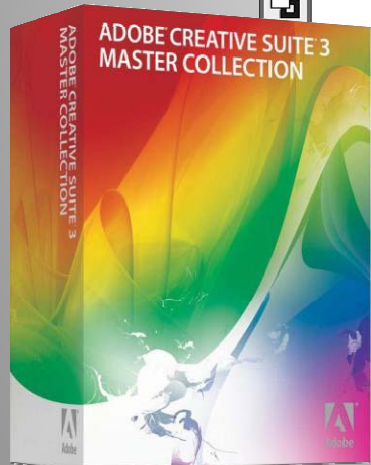
Appearance X

No Selection

Stroke: 0.0139 in

Fill:

Default Transparency



# Creative Services

## » Other Products Not Shown

Maps (TIGER Grants)

PowerPoint Support

Motion Graphics

Photography

Video Production

Logo/Identity Development

# The Future

- » Investment in Hardware/Software
- » Service All WVDOT/DOH
- » (More) Public Meeting Integration
- » Project Development Integration
- » Data Visualization Opportunities

# Questions?

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Statewide & Urban Studies Unit

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