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4-17-10

Students Save Winkler

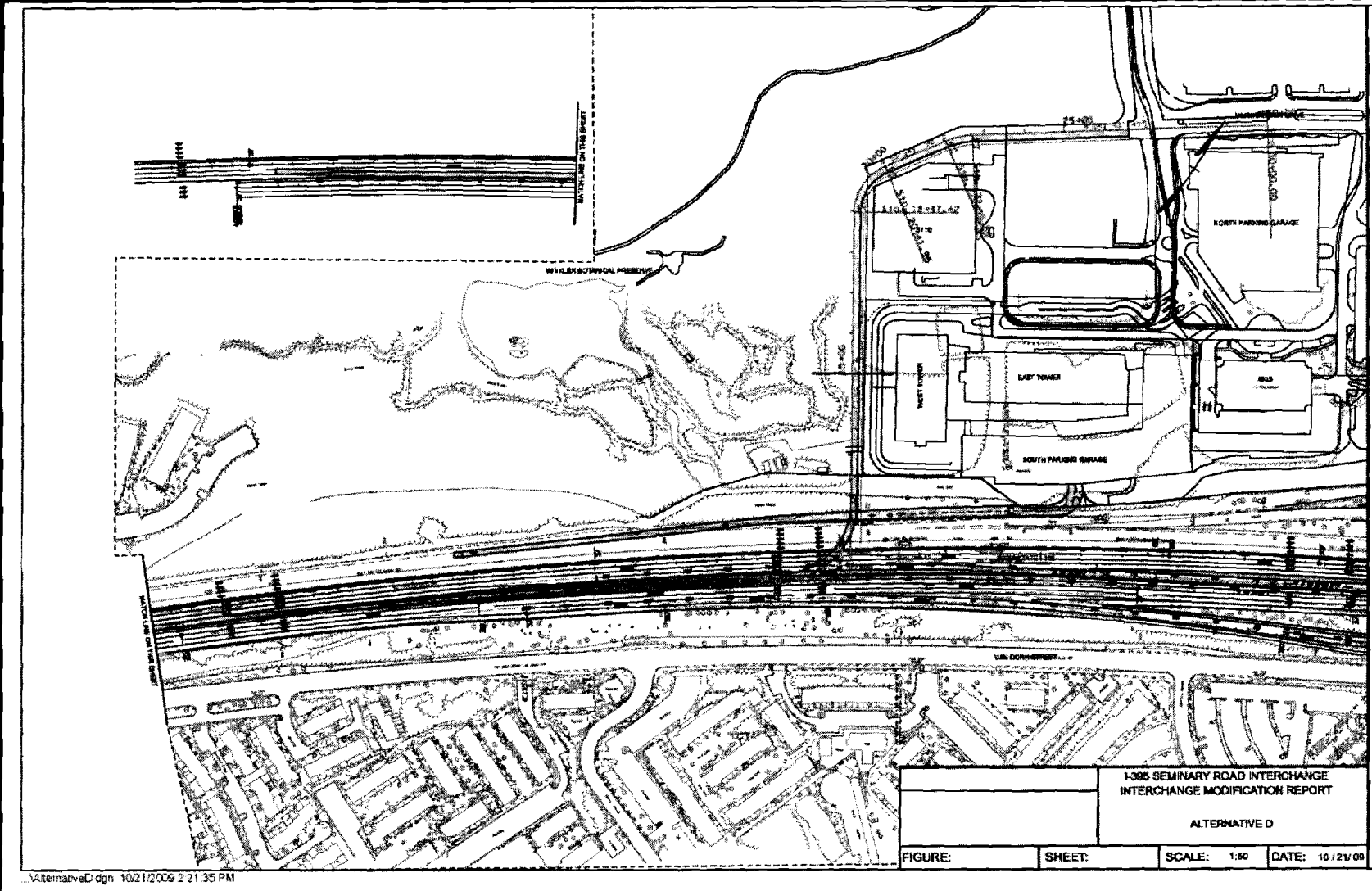
By Students in George
Washington
Middle School

VDOT

- VDOT (Virginia Department Of Transportation) wants to provide an exit ramp for the Mark Center.
- The BRAC building is part of Base Realignment and Closure.
- This program would relocate 6,400 new employees to the Mark Center.
- With all these new cars commuting, they will need an exit ramp into the parking garage.
- The plan they wanted to use is Plan D, but we successfully help stop them from using it.
- This plan would affect Winkler negatively.
- All the pollution from building the road and from run-off, would kill animals, plants, and pollute water.

Maps

VDOT Alternative D



Maps

Plan developed by Alexandria City

BEAUREGARD CORRIDOR | ACCESS ALTERNATIVE STUDY

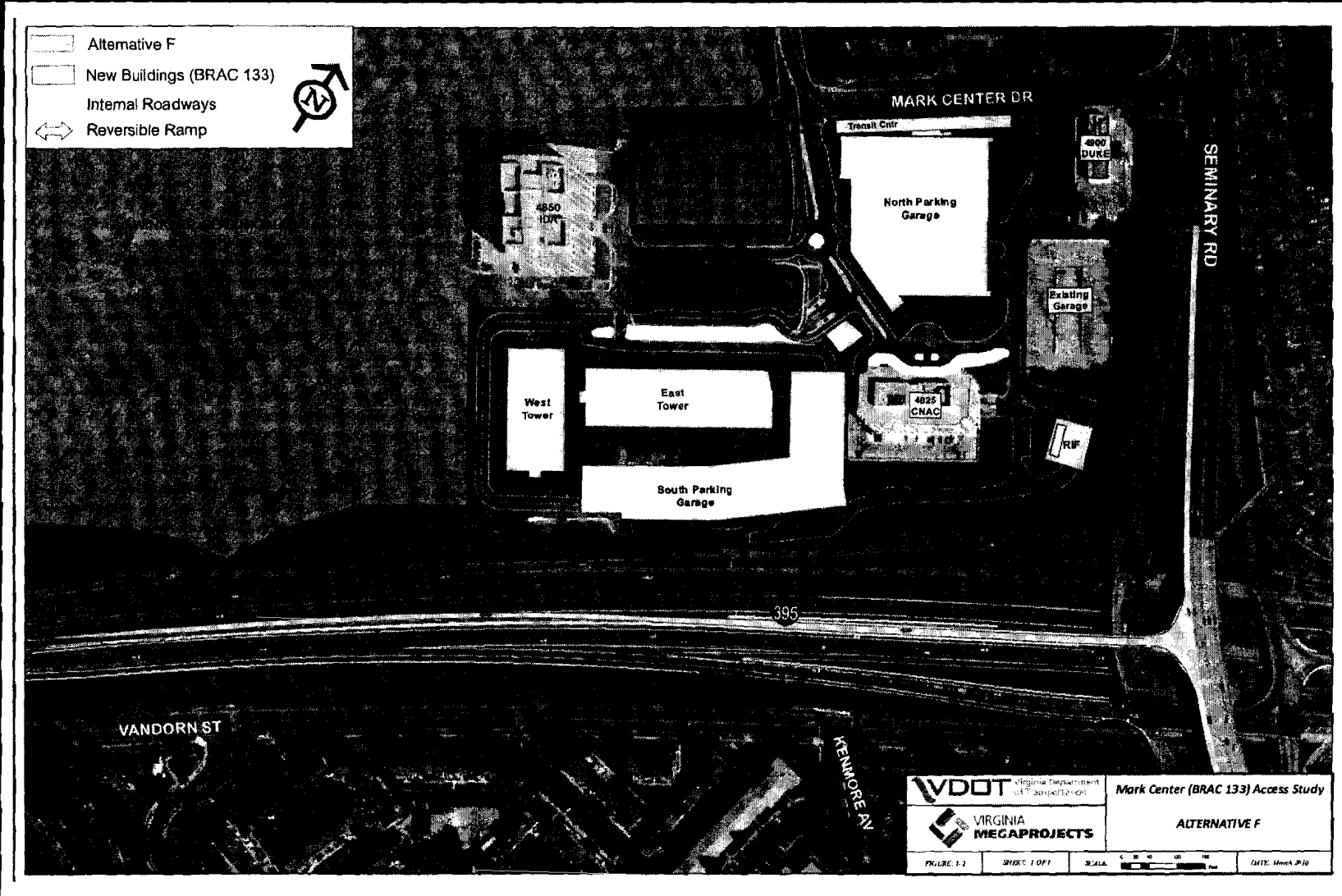


Seminary Road Alternative 1



Maps

VDOT New Alternative F



How we helped

- Good morning. My name is Meredith Caine.
- I will be presenting about our class project.
- A letter writing campaign was started to send comments to VDOT about why students didn't want Winkler to be destroyed.
- About 250 comments were sent from GWMS alone.
- Students also worked with the Washington Post to inform the public about Winkler.
- Many GW2 students in Ms. Breslin's science classes have attended rallies and other events to save Winkler
- Our classes have split into groups to research specific subjects that would be affected if Winkler were destroyed.
- The groups put all of their information together to create an environmental assessment.
- Thank you

Protecting Our Water Quality

Hello, my name is Hope Lawson. I will be presenting a section of our environmental assessment.

Winkler botanical garden is a source of Alexandria's water.

- If a road were built close to these bodies of water, a large percent of our water could contain increased amounts of pollutants.
- Many species depend on this resource for nutrients.
- There are two types of water quality, good water, and bad water. These types are measured by amounts pollution, disease, and other harmful things.
- Water quality is actually measured by evaluating the contaminant parts per million present in the water.
- The things that are in the "bad water" can really hurt humans and animals!
- If a road is built, then when the water from rainfall flows down to Winkler it will have soaked up pollutants such as gasoline and pesticides. Then once it gets to Winkler's water the animals, plants, and even humans will be drinking water full of poisonous substances.

Maintaining Healthy Air And Noise Quality

- Good morning, my name is Tanisha Sellers-Gordon and I will be presenting some of our environmental assessment.
- The Clean Air Act is a law that was passed in 1967 as an effort to reduce smog and air pollution
- Carbon dioxide is released from vehicles, an increase in the amount of vehicles because of the BRAC building, will result in a significance increase in the carbon dioxide in the air, and have a significant impact on the health of human and animal species surrounding Winkler.
- Also, the increase in vehicles will negatively impact noise quality for the surrounding neighborhoods.
- Choosing alternative F will keep both noise and air pollution contained within the existing I – 395 corridor.

Preserving Rare And Endangered Species And Habitats

Hello, my name is Lauren Forrer. I will be presenting about our environmental assessment.

Winkler is home to many rare and endangered species.

- A rare or endangered species is a species with a low population worldwide.
- Winkler contains over 61 species that are either threatened or endangered.
- There are also many different rare species at Winkler in their many different habitats.
- In the mixed oak forest there are more than ten different animals including the flying squirrel and four types of woodpeckers that are endangered.
- In the meadow there is a smaller, yet diverse number of species including a Blue Tailed Skink.
- In and around the pond there is and plethora of birds and water creatures including the belted kingfisher.
- On the stream bottom you would find macro invertebrates mainly consisting of assorted larvae.

Those who visit Winkler are bound to see an animal almost everywhere they turn.

SOL relation

Good morning, my name is Darius Holland, I will be presenting the relation between our project and the SOLs.

Each section of the environmental assessment relates to a 7th Grade Science SOL's

We have gained an:

Understanding of ecosystems characteristics

- Such as the type of habitats including deciduous temperate forest, freshwater pond
- And the common species within these environments, also the rare and endangered species

Understanding of species interactions

- Including how competition for survival and reproduction take place

Understanding of the cycles in nature such as water, nitrogen and carbon cycle

- For example, what is good water quality and why is it important to species survival
- Nitrogen is an important cycle in nature and how nitrogen level can change
- The affects of Carbon Dioxide from cars on human health as well as animal and plant health

Understanding of human impact on ecosystems

- Destruction of forest necessary for native species survival
- How increases in impervious surfaces, or pavement affects water quality
- The negative affect on air and noise quality

Re: George Washington Middle School Presentation Part 1

Maya Alcala

to:

jackie.henderson

04/13/2010 03:28 PM

Show Details

Attached is **PART 1 and Part 1.5** power point presentation that we would like to present on Saturday. Where should we go? Are there any forms that need to be filled out that need parent signature? Is there any other information we need to know?

Here are the students presenting:

Tanisha Sellers-Gordon	703-231-4364	59 Yale Drive 22314
Maya Alcala	703-535-1068	417 Queen Street 22314
Brendan Alarcon	703-656-6875	466 West Taylor Run Parkway 22314
Meredith Caine	703-549-0390	409 Jackson Place 22302
Hope Lawson	703-549-5735	205 Park Road 22301
Lauren Forrer	703-548-1487	3408 Cameron Mills Road 22305
Darius Holland	202-710-3572	1223 Wythe Street 22314