

spoken introduction to the project and no oral testimony. The full text of this portion of the hearing transcript is included in Appendix I. NOTE 2: Exhibits follow the final page of the petition.	1 STATE OF DELAWARE DEPARTMENT OF TRANSPORTATION In re: US 301 Project Development Fublic Hearing Middletown Fire Department 27 West Green Street Middletown, Delaware Tuesday, January 9, 2007 4:00 p.m.	List of Persons providing Testimony: Richard Wooleyhan Jennifer Goff Edith Carroll Anna Wooleyhan Dave Goff Mark Carroll Steve Carroll Chuck Ott Janice Biddle Loraine Green Representative Cathcart Senator Amick Wayne Usilton Susan Love Jorge Velasquez NOTE 1: Pages 2-37 of "In re: US 301 Project Development Public Hearing" text has not been reproduced in this section, as it contains only the
1330 King Street - Wilmington, Delaware 19801 (302) 655-0477	TRANSCRIPT OF PROCEEDINGS	text of this portion of the hearing transcript is included in Appendix I .
	1330 King Street - Wilmington, Delaware 19801 (302) 655-0477	



38 1 along with the other testimony and all comments received. **Response to Richard Wooleyhan:** 2 All testimony is expected to be offered in a courteous, constructive manner and should follow accepted rules of Thank you for your statement. з 4 meeting decorum. Inappropriate or rude testimony will DelDOT received the map proposing Option 4B, with signatures as noted, during 5 not be included in the public record. the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the 6 The first person who will give testimony distance between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of the alignment presented in the DEIS (shown on this map as tonight is Richard Wooleyhan. 7 Option 1)]. DelDOT is committed to working with the environmental resource 8 MR. WOOLEYHAN: My name is Richard agencies, the Army Corps of Engineers and the farmers, owners and neighbors in 9 Wooleyhan, 427 Ratledge Road. I'm presenting a new route the Ratledge Road community to develop an alignment for this portion of the Green 10 that I'm calling option 4B, which has been discussed at North Alternative that will minimize, to the greatest extent possible, impacts to active farmlands and minimize impacts to the wetland area. previous meetings. I know it impacts the wetland area 11 12 which has been described to me as low quality previously To this end, representatives from the Ratledge Road/Jamison Corner neighborhood, disturbed. 13 Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and 14 Myself, friends, family from Ratledge Road the Project Team met in the field on January 30, 2007, to review the existing environment in the vicinity of the proposed options. Follow up meetings have been 15 and Jamison Corner Road like for you to strongly consider held to discuss ongoing concerns and design an alignment that would preserve the 16 this route. Yes, it does impact wetlands. But your affected farm properties and homes while minimizing impacts to wetlands in the option one severs our farm in half, that in which affects 17 area. 18 our livelihood, our heritage to the land, our retirement, As a result of the community's concerns and ongoing consultation, DelDOT is 19 our quality of life. The fact is if you're a farmer, proposing the Option 4B Modified alignment as the preferred alignment of new US 20 your land is all the above. 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor 21 I know this road is needed. I also know from south of the Cedar Lane School complex to the boundary of the Whitehall 22 that there are other routes you could have chosen. But properties, where it then curves to the east toward Jamison Corner Road. DelDOT is also proposing a minimization and mitigation package that will compensate for we were told that the large property owners had to be 23 the increased impacts this alignment will cause to wetlands and forest, in 24 considered. The fact is Bayberry doesn't want their coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD.



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1	subdivision plan split in half. Whitehall needs a road	
2	for their project. We all understand that.	
3	The people of Ratledge Road who have lived	
4	here a minimum of 15, 20, 40 years, some of us a	
5	lifetime, and the forever friends of Jamison Corner Road,	
6	the Rouch family, the Hobson family, which will be	
7	impacted the most, and last but not least the owners of	
8	Whitehall have a solution. On my map, it's referred to	
9	as option 4B, which has been signed by every adjoining	
10	property on it, including Whitehall.	
11	I know this route has an effect on wetlands.	
12	But we all feel the loss of productive farm land and our	This page intentionally left blank
13	quality of life is far more important than the impact the	
14	road will have on the wetlands. We're not asking for the	
15	road to be moved to the other side of the state, only	
16	1,500 feet to the east of option one. Hopefully not too	
17	much to ask. Please consider this option.	
18	Thank you, Richard Wooleyhan and the	
19	taxpayers of Jamison Corner Road and Ratledge Road.	
20	(Exhibit No. 1 was marked for	
21	identification.)	
22	MR. BING: Thank you, Richard.	
23	The next person to speak will be Jennifer	
24	Goff. I'm going to have Jennifer use this microphone	



40 **Response to Jennifer Goff:** 1 since, unfortunately, she's come down with laryngitis and Thank you for your statement. 2 I think this works better з MS. GOFF: I also have four minutes from Please see the previous response to Richard Wooleyhan. 4 Doris Wooleyhan. DelDOT received the map proposing Option 4B, with signatures as noted, during 5 MR. BING: I'd also like everyone to know the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the that Jennifer will speak for eight minutes. The third 6 distance between Boyds Corner Road and Jamison Corner Road approximately person is Doris Wooleyhan, who is back there with her arm 7 1,500 feet east of the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is committed to working with the environmental resource 8 raised, and she has given her four minutes to Jennifer. agencies, the Army Corps of Engineers and the farmers, owners and neighbors in 9 MS. GOFF: Jennifer Goff, 3428 Sonoma Lane, the Ratledge Road community to develop an alignment for this portion of the Green 10 York, Pennsylvania. North Alternative that will minimize, to the greatest extent possible, impacts to 11 Good evening. I'm here to provide testimony active farmlands and minimize impacts to the wetland area. 12 because the preferred recommended route for project 301 To this end, representatives from the Ratledge Road/Jamison Corner neighborhood, 13 green north will have a direct and negative impact on my Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and family and our community. 14 the Project Team met in the field on January 30, 2007, to review the existing 15 There are six options for the portion of the environment in the vicinity of the proposed options. Follow up meetings have been held to discuss ongoing concerns and design an alignment that would preserve the 16 roadway near Ratledge Road. Four of those options cross affected farm properties and homes while minimizing impacts to wetlands in the federally protected wetlands and two cross working farms. 17 area. 18 The members of this community have repeatedly asked 19 project managers to utilize the wetland area in order to As a result of the community's concerns and ongoing consultation, DelDOT is proposing the Option 4B Modified alignment as the preferred alignment of new US 20 preserve farmland, the farming community and the 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor 21 livelihood of its life-long residents. from south of the Cedar Lane School complex to the boundary of the Whitehall 22 The term "community" refers to a group of properties, where it then curves to the east toward Jamison Corner Road. DelDOT people who form relationships over time by interacting 23 is also proposing a minimization and mitigation package that will compensate for the increased impacts this alignment will cause to wetlands and forest, in 24 regularly around shared experiences and common interests. coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD.

Your reasons for the request are noted.



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1	This definition implies that a true community is not	1	In the public workshop forum, we were told
2	bound only by physical location, but through human	2	that the wetland routes have a fatal flaw. In order to
3	connections. As potential routes for the 301 bypass have	3	utilize this land in a federal project, we must prove
4	been mapped, a great deal of consideration has been given	4	there is no practical alternative. Of the presented
5	to planned communities. While efforts have been made to	5	alternatives, one takes land from the Wooleyhan farm.
6	skirt the boundaries of existing subdivisions and avoid	6	The other takes land from the Emerson farm. This is
7	land that is slated for future development, an existing	7	unacceptable and is not a practical alternative.
8	community is being divided.	8	In the true spirit of community, local land
9	The area between the C&D Canal, Mt. Pleasant	9	owners have drafted and agreed to options that make use
10	and Boyds Corner doesn't have a fancy name or a	10	of middle ground. These options traverse land that is
11	homeowner's association. However, the people living in	11	not tilled by either farmer by utilizing a public
12	this area do have a strong sense of community.	12	right-of-way, Whitehall property, and a small portion of
13	The families of this once rural farming	13	low quality, previously disturbed, nontidal wetland.
14	community have shared experiences for four to five	14	Even though our proposal will impact wetland habitat, we
15	generations. They have worked, socialized, celebrated	15	still believe it is a more reasonable, responsible and
16	and mourned together. When someone is in need, this	16	practical solution.
17	community pulls together and provides support.	17	As an outdoor enthusiast and high school
18	The planned green north route will create a	18	biology teacher, I have great appreciation for nature. I
19	physical barrier through the middle of this community.	19	understand the value of wetlands and the importance of
20	Members of this community have accepted the physical	20	wetland conservation. However, I also know that our
21	barrier. However, it is unfair to pit neighbor against	21	environment is complex. We cannot maintain the delicate
22	neighbor, friend against friend and ask this community to	22	balance of life by focusing exclusively on the
23	decide whose land, whose legacy and whose livelihood will	23	preservation of a single type of habitat. All organisms
24	be sacrificed.	24	are interconnected in the web of life and all organisms



43 have different habitat requirements. While some are 1 2 strictly aquatic or terrestrial, others require a combination. Some organisms thrive in dense woodland 3 4 while others need open space for survival. Maintaining 5 biological diversity by protecting various types of 6 habitat is the only environmentally conscious action. As the daughter and granddaughter of 7 life-long farmers, I also understand the value of 8 9 agriculture. Agriculture is the number one industry in 10 the State of Delaware. In New Castle County, farmland is 11 disappearing at an alarming rate. Unlike wetlands, 12 farmland cannot be replaced. By failing to protect this 13 irreplaceable natural resource, we lose a direct connection with our cultural heritage, impair food 14 **Response to Edith Carroll:** 15 production and compromise Delaware's self-reliance and 16 economic stability. Thank you for your statement. 17 Thank you. MR. BING: The next person to give testimony 18 (begins on next page) 19 is Edith Carroll. 20 MS. CARROLL: Edith Carroll, 449 Ratledge 21 Road. 22 I have a petition with 285 signatures of family, friends, church family and concerned people in 23 the area with this green north route option one. 24



	(continued from previous page)
 The petition reads, "The green north route used in option one is not practical by using productive farmland. The proposed option A or B of the green north route is more practical because it does not run in the middle of a productive field and near many life-long residents of Ratledge Road." This productive farming field is owned by my sister, Anna Wooleyhan, and farmed by her son Dickie Wooleyhan. This would be taking away their livelihood. Secretary Wicks is well aware of a farmer's livelihood. Once a farmer, always a farmer. 	We acknowledge receipt of the petition bearing 285 signatures. The petition is included at the end of this section. Please see the previous response to Richard Wooleyhan. DelDOT received the map proposing Option 4B, with signatures as noted, during the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is committed to working with the environmental resource agencies, the Army Corps of Engineers and the farmers, owners and neighbors in the Ratledge Road community to develop an alignment for this portion of the Green North Alternative that will minimize, to the greatest extent possible, impacts to active farmlands and minimize impacts to the wetland area.
12This farm was bought by our mother and13father when Anna and I were small children. We worked in14the fields with our parents. This farm is our heritage.15When our father died, Anna and Pete started farming.16They sacrificed a lot in their life. They had two17children: Dickie and Phyllis. Phyllis is deaf. And	To this end, representatives from the Ratledge Road/Jamison Corner neighborhood, Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and the Project Team met in the field on January 30, 2007, to review the existing environment in the vicinity of the proposed options. Follow up meetings have been held to discuss ongoing concerns and design an alignment that would preserve the affected farm properties and homes while minimizing impacts to wetlands in the area.
 17 children: Dickle and Fnyills. Fnyills is dear. And 18 that was a tremendous burden because there was not any 19 school in Delaware for deaf children at that time. 20 When they could afford to purchase the farm, 21 they bought it from our mother. Dickie has been farming 22 since he was a child. And when Pete died in November of 23 2005, Dickie has taken over. 24 This is his income. He earns a living from 	As a result of the community's concerns and ongoing consultation, DelDOT is proposing the Option 4B Modified alignment as the preferred alignment of new US 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor from south of the Cedar Lane School complex to the boundary of the Whitehall properties, where it then curves to the east toward Jamison Corner Road. DelDOT is also proposing a minimization and mitigation package that will compensate for the increased impacts this alignment will cause to wetlands and forest, in coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD.



45 farming. There is a lot of family on Ratledge Road and 1 2 we all bond together. Remember, this is our heritage. This four-lane highway would almost be in our son's з 4 backyard. We're not asking you to move this route miles 5 away. We're just asking you to move it to a more practical route that is not directly in the active 6 farming field. 7 Anna and I have lived here over 60 years. 9 I'm just telling her age. I remember Pete telling me 10 about a man taking a perk test in a field that Pete rented and was farming about a year prior to his death. 11 The man was taking the perk test because the field is This page intentionally left blank 12 going to be a housing project. Pete asked him, "Where is 13 all the food coming from when all the farms are developed 14 15 in houses and highways?" 16 The man said, "Out of cans or boxes." Pete said, "You have to grow it first before 17 it goes into a can or made into flour or cereal." 18 It's my thought that Delaware wanted farmers 19 20 to stay in Delaware. It looks as if the farmers are 21 being chased to Maryland or other places. 22 On Saturday, Anna and I were getting signatures from residents in Crystal Run development. 23 Some of their comments were they bought houses here 24



46 **Response To Anna Wooleyhan:** 1 because of the quiet and peaceful area Thank you for your statement. 2 Please consider a more practical route than Please see the previous response to Richard Wooleyhan. з option one for the green north. Thank you. 4 MR. BING: The next person on the list is DelDOT received the map proposing Option 4B, with signatures as noted, during 5 Anna Woolevhan the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the 6 If people have cell phones, if they could distance between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of the alignment presented in the DEIS (shown on this map as turn them down? It's very disruptive 7 Option 1)]. DelDOT is committed to working with the environmental resource 8 MS. WOOLEYHAN: Anna Wooleyhan, 420 Ratledge agencies, the Army Corps of Engineers and the farmers, owners and neighbors in 9 Road. the Ratledge Road community to develop an alignment for this portion of the Green 10 I own the farm that DelDOT wants to put the North Alternative that will minimize, to the greatest extent possible, impacts to active farmlands and minimize impacts to the wetland area. 11 four-lane highway in the middle of the field that runs 12 parallel to Ratledge Road. The highway would be directly To this end, representatives from the Ratledge Road/Jamison Corner neighborhood, 13 behind my house and my daughter Phyllis and her husband, Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and 14 Donnie. the Project Team met in the field on January 30, 2007, to review the existing environment in the vicinity of the proposed options. Follow up meetings have been 15 In November 2005, my husband, Pete, died. held to discuss ongoing concerns and design an alignment that would preserve the 16 We had been married 54-1/2 years. Pete was diagnosed affected farm properties and homes while minimizing impacts to wetlands in the 17 with cancer one week before his death. He combined area. 18 soybeans in this field two weeks before he died. Then As a result of the community's concerns and ongoing consultation, DelDOT is 19 November 2006 I found out that a four-lane highway was proposing the Option 4B Modified alignment as the preferred alignment of new US 20 planned through my property. 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor 21 We could have sold our farm many times to from south of the Cedar Lane School complex to the boundary of the Whitehall 22 developers for houses. We chose not to sell because properties, where it then curves to the east toward Jamison Corner Road. DelDOT is also proposing a minimization and mitigation package that will compensate for we're dedicated farmers. It is not practical to build a 23 the increased impacts this alignment will cause to wetlands and forest, in highway in the middle of my field. We grow everything 24 coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD.



		Response to Dave Goff:
	47	We acknowledge receipt of the journal articles (listed on page 80 of the transcript document).
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	<text><text><text><text><text><text><text></text></text></text></text></text></text></text>	 document). Please see the previous response to Richard Wooleyhan. DelDOT received the map proposing Option 4B, with signatures as noted, during the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is committed to working with the environmental resource agencies, the Army Corps of Engineers and the farmers, owners and neighbors in the Ratledge Road community to develop an alignment for this portion of the Green North Alternative that will minimize, to the greatest extent possible, impacts to active farmlands and minimize impacts to the wetland area. To this end, representatives from the Ratledge Road/Jamison Corner neighborhood, Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and the Project Team met in the field on January 30, 2007, to review the existing environment in the vicinity of the proposed options. Follow up meetings have been held to discuss ongoing concerns and design an alignment that would preserve the affected farm properties and homes while minimizing impacts to wetlands in the area. As a result of the community's concerns and ongoing consultation, DelDOT is proposing the Option 4B Modified alignment as the preferred alignment of new US 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor from south of the Cedar Lane School complex to the boundary of the Whitehall properties, where it then curves to the east toward Jamison Corner Road. DelDOT is also proposing a minimization and mitigation package that will compensate for the increased impacts this alignment will cause to wetlands and forest, in coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD. Your testimony as a physician to the stress relocation causes and to the effects of
		is also noted.



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1	generally means people have so much stress in their life	1	impacts you when you're not able to hear. If you have a
2	they actually have a heart attack because of these	2	cold, speak up, I can't hear you. Well, they rely on
3	increased levels of adrenaline or the fight-or-flight	3	vibration for a lot of their sensing. If somebody knocks
4	hormones people have. It's a deadly phenomena.	4	on their door or comes into their house, they feel this
5	Since this has started, Anna found out a	5	vibration.
6	four-lane highway was going through her backyard	6	Imagine cars and trucks going through their
7	literally 500 feet, she's been under nothing but stress.	7	backyard 500 feet from their house, how that is going to
8	My father-in-law, Richard Wooleyhan, exact same	8	affect their life. Every time a truck goes by, they'll
9	situation. Right across the street. This is how the man	9	think something bad is going on. Not because they're not
10	makes his living, how he's planned his retirement, his	10	smart. It's because how they have to function. And
11	life.	11	putting this, I think it's called green north route in is
12	When I look around here, I see other people	12	going to delay that, change their entire life, also. But
13	that I've known for quite some time who also do the same	13	this will last forever for them. They have a house.
14	thing, own many farms on this map who will be affected by	14	It's their livelihood.
15	this, lose their income, part of their life. It's going	15	When Pete Wooleyhan we spoke about him a
16	to become quite a hassle for them to get by.	16	couple times. He was Jen's grandfather, Dickie's dad. I
17	Imagine if your corporation closed down when	17	sat here at the medical center the day we found out he
18	you're in your last year getting ready to retire. That's	18	had cancer. I came out after speaking with the
19	pretty much the situation that's happening with them.	19	radiologist. He was sitting on the curb. I told Anna, I
20	Along with this, Donnie and Phyllis as	20	said, "It doesn't look good. It looks like he has
21	I've said, they've been my patients in the past, also.	21	cancer." We told Pete, "It's not good. It looks like
22	They're both deaf. I heard somebody say this is a	22	you have cancer."
23	burden. This is a burden for them trying to get by each	23	You know what he said? "Well." That's what
24	day. Think how much you use your hearing and how much it	24	he said: "Well."



50 Why did he say "well"? Because his wife was 1 2 provided for. His son is a third-generation farmer on the land. I expected my kids to play on this land. з 4 Everything was in place. His daughter had a good house. Now all this is going to be destroyed. 5 6 And we need the road. We absolutely need the road. It's got to happen. Because of very poor 7 planning, we have sprawl, urban sprawl in Middletown, if 8 9 you can believe it. But there's nothing you can do about 10 it. We need the road. All we're asking is it be moved over a little bit. Just a little bit. And somebody else 11 said it. Not miles; feet. And that's going to change This page intentionally left blank 12 13 the impact it has on Dickie, his sister, his mom and everybody who lives on Ratledge Road. 14 The other part of my background is I have --15 16 my undergraduate degree is in soil physics at the University of Delaware. Probably on bottom of these soil 17 maps you see around here I'm signed off as a technician. 18 19 Also, Musad Gsoudrati, he's probably one of the Ph.D.'s. 20 As you go through these nice straight lines, it makes it 21 look like, yep, this is absolutely the delineation. 22 That's really not the truth when you go through and pick out soil samples one by one. 23 Moving this over anywhere along the way 24



	51	Response to Mark Carroll:
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	<page-header><text><text><text><text><text><text><text></text></text></text></text></text></text></text></page-header>	 Response to Mark Carroll: Thank you for your statement. Please see the previous response to Richard Wooleyhan. DelDOT received the map proposing Option 4B, with signatures as noted, during the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is committed to working with the environmental resource agencies, the Army Corps of Engineers and the farmers, owners and neighbors in the Ratledge Road community to develop an alignment for this portion of the Green North Alternative that will minimize, to the greatest extent possible, impacts to active farmlands and minimize impacts to the wetland area. To this end, representatives from the Ratledge Road/Jamison Corner neighborhood, Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and the Project Team met in the field on January 30, 2007, to review the existing environment in the vicinity of the proposed options. Follow up meetings have been held to discuss ongoing concerns and design an alignment that would preserve the affected farm properties and homes while minimizing impacts to wetlands in the area. As a result of the community's concerns and ongoing consultation, DelDOT is proposing the Option 4B Modified asignment as the preferred alignment of new US 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor from south of the Cedar Lane School complex to the boundary of the Whitehall properties, where it then curves to the east toward Jamison Corner Road. DelDOT is also proposing a minimization and mitigation package that will compensate for the increased impacts this alignment will cause to wetlands and forest, in coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD.



52 **Response to Steve Carroll:** 1 bit. I think that's it. Thank you for your statement. 2 MR. BING: Next up to testify will be Stephen Carroll. з Please see the previous response to Richard Wooleyhan. 4 MR. CARROLL: Steve Carroll, 410 Meadow DelDOT received the map proposing Option 4B, with signatures as noted, during 5 Lane. the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the 6 I didn't prepare anything at all. This distance between Boyds Corner Road and Jamison Corner Road approximately effects my family greatly. Once again, we're asking for 7 1,500 feet east of the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is committed to working with the environmental resource 8 the road to be moved a little bit, not -- you know, once agencies, the Army Corps of Engineers and the farmers, owners and neighbors in 9 again, not, like they said, on the other side of the the Ratledge Road community to develop an alignment for this portion of the Green 10 state or anything like that. North Alternative that will minimize, to the greatest extent possible, impacts to 11 I've never seen so many people with so much, active farmlands and minimize impacts to the wetland area. 12 I don't know, heart, you know, be so upset talking about To this end, representatives from the Ratledge Road/Jamison Corner neighborhood, 13 this. This is their livelihood, years and years. I Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and mean, people moved down here. They're here five, ten 14 the Project Team met in the field on January 30, 2007, to review the existing 15 years, they think they're affected. This family has been environment in the vicinity of the proposed options. Follow up meetings have been held to discuss ongoing concerns and design an alignment that would preserve the 16 here a very long, long time. My mother was born in a affected farm properties and homes while minimizing impacts to wetlands in the house not far from there. This is their everything. 17 area. 18 I mean, they've -- I don't know how to 19 express -- how any more to express it, other than this As a result of the community's concerns and ongoing consultation, DelDOT is proposing the Option 4B Modified alignment as the preferred alignment of new US 20 means a lot to them. If we could just -- once again, 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor 21 we're not saying take it to another state or anything from south of the Cedar Lane School complex to the boundary of the Whitehall 22 like that. Just move it over. I don't know. properties, where it then curves to the east toward Jamison Corner Road. DelDOT 23 I mean, these people, they're pleading their is also proposing a minimization and mitigation package that will compensate for the increased impacts this alignment will cause to wetlands and forest, in 24 hearts out, you know, for this road to be moved a little coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD.



53 bit. They're not saying don't bring the road through. 1 2 They're not saying -- everybody is well aware the road needs to be there. It doesn't have to be right in part з 4 of their backyards, part of their livelihood. That's just -- they have to do something else. 5 6 There's other communities out here that aren't built yet. There's things they can do to move 7 this over and not affect these people that are here 8 9 pleading their hearts out just to move this road what? A 10 quarter of a mile. Come on. A quarter of a mile. It's 11 not much. This page intentionally left blank 12 So I just -- I don't think it's very practical to run through their backyards, to affect their 13 lives, you know, for the rest of their lives. I just 14 15 think that something can be done. The road can be moved. 16 And, I mean, I know everybody here, part of the Ratledge Road and our family would really, really appreciate it if 17 you guys could do something. You see what it means to 18 19 these people. So thank you. 20 MR. BING: The next person to testify is 21 Susan Love. Is Susan here? 22 I was told she's not going to be able to get here until after 8:00, so we'll move her down to the end 23 of the list. 24



54 1 The next person to testify will be 2 Charles Ott. Charles prepared some remarks that will go a little over four minutes, and I said that that would be з 4 okay. 5 MR. OTT: Maybe. All right. My name is Chuck Ott. I live at 6 109 Airmont Drive in Middletown. I'm the president of 7 8 the Airmont Civic Association. 9 The proposed green north route runs several 10 hundred feet south of the Airmont neighborhood. The residents of Airmont are still disappointed that the 11 12 green north route was chosen over the green south option. 13 Our first choice would be to have this option 14 reconsidered and a modified green south be chosen as the 15 preferred choice for the new route 301. 16 Of the public workshops held previously on this subject, only the April 2006 workshop actually split 17 out green north and green south for comment. There was 18 19 not an overwhelming public support for green south. In 20 fact, the vote was 29 to 30, essentially an even split. 21 The cost estimates show that green south is 22 slightly less expensive to build than green north, probably because it is shorter. Multiply this admittedly 23 short distance by the large number of vehicles traveling 24

RESPONSE TO CHUCK OTT:

Thank you for your statement.

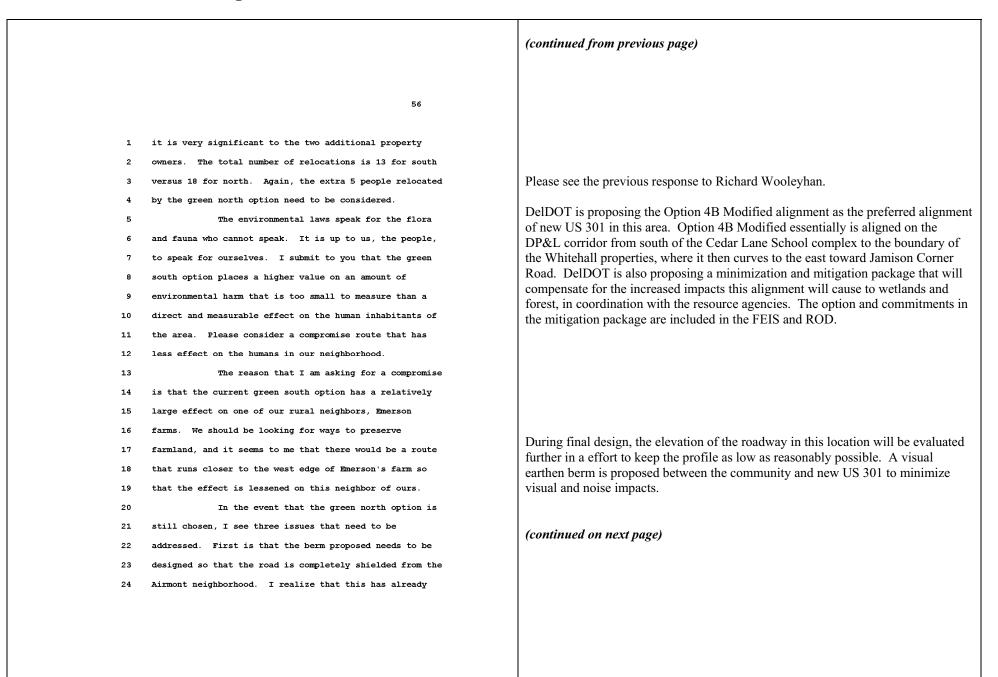
The rationale and justification for the selection of Green North as DelDOT's recommended preferred alternative are well-documented in the DEIS (Chapter V). The recommendation was based on a balanced overview which included a comparison of the impacts to the natural environment (wetlands and waters of the US, potential bog turtle habitat and forests), social and economic impacts (property acquisition, relocations, community and community facilities), cultural resources (physical, noise and visual effects) and the feasibility and restraints of the engineering design (ability to meet project purpose and need, design complexity, construction costs) of various elements of the roadway. When compared to the Green South Alternative, the differences in environmental impacts were that the Green North has lower wetlands, forest and stream impacts and has less potential to disrupt the habitats of wetland dependent wildlife. Green North also has a single, shorter and more perpendicular crossing of Scott Run than Green South. For these reasons, DNREC did not support the Green South Alternative. The Green North Alternative represents, in the opinion of the resource and regulatory agencies, the best solution to the existing need.

(continued on next page)

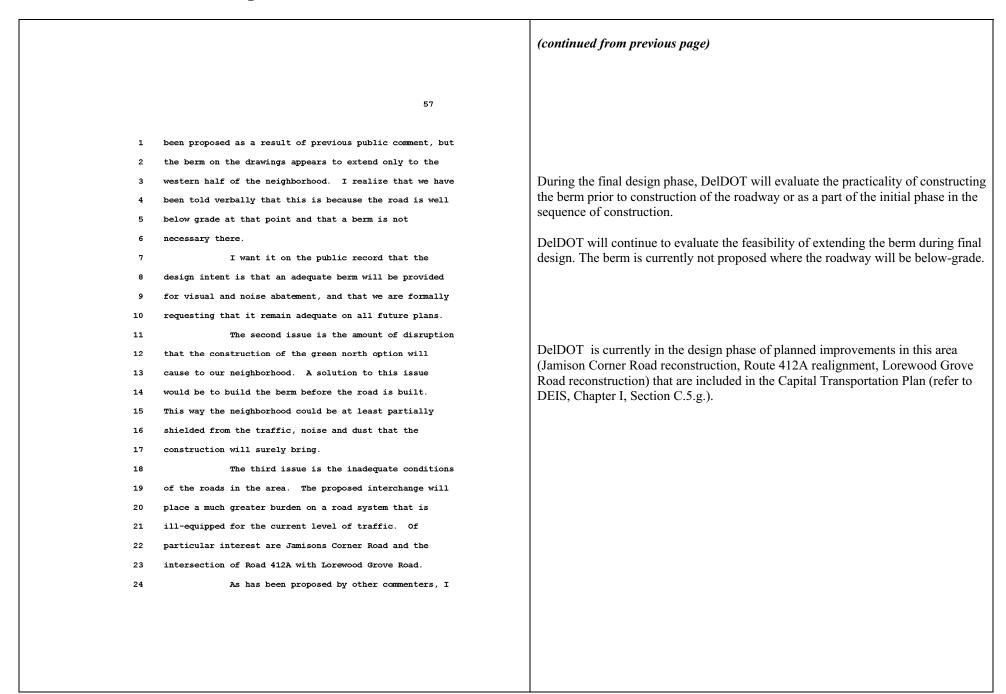


55 this stretch of road and there will be a significant 1 2 savings overall in fossil fuels and emissions. I believe these economic and environmental considerations deserve з 4 some weight in the decision making process. 5 While the green south option was chosen over green north due to environmental considerations, the 6 difference between the two is actually quite small. For 7 example, if you look at the first item on the list given 8 9 to us, which is wetlands, green north affects 26.2 acres 10 and green south affects 28.3 acres, about an 8 percent difference. 11 This page intentionally left blank 12 The yellow option, which is still under consideration, affects over 50 acres. If wetlands were a 13 large consideration, yellow would have been immediately 14 15 rejected or the brown and purple routes chosen, which 16 both affect less wetland than green north or south. By all measures, environmentally green north 17 and south are extremely close with green north actually 18 19 slightly better in terms of high quality wetlands, waters 20 of the U.S. linear feet and hydrolic soils. Where the 21 two alternatives are not different are the properties 22 directly impacted. 130 are impacted by the south and 132 by the north. 23 While this may seem insignificant, I'm sure 24











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- 1 support a revision to the north end of Jamisons Corner
- 2 Road. Specifically, I would like to see it extended
- 3 north from the point where it curves east toward
- 4 Road 412A and instead have it intersect Lorewood Grove at
- 5 the point where the existing Road 412A intersects. The
- 6 existing Road 412A would be abandoned or given to the
- 7 Whitehall owners to provide some compensation for taking
- 8 their land for the Jamisons Corner Road extension. At
- 9 the intersection of the new Jamisons Corner Road and
- 10 Lorewood Grove Road, a roundabout or traffic circle could
- 11 be used to calm the traffic at what is currently a very
- 12 dangerous intersection.
- 13 I thank DelDOT for the opportunity to make
 14 these comments, and request that they give them serious
 15 consideration.
- 16 MR. BING: The next person to speak is
- 17 Janice Biddle. Janice.
- MS. BIDDLE: My name is Janice Biddle. I
 live at 510 Ratledge Road.
- The road is going to go right behind my
 house. That's not an issue. The issue is farmland.
 That's important to us. There's not too many farms left.
 And there's one man willing to keep his farm and run it
 and you people want to take it away from him. You want

Response To Janice Biddle:

Thank you for your statement.

Please see the previous response to Richard Wooleyhan.

DelDOT received the map proposing Option 4B, with signatures as noted, during the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is committed to working with the environmental resource agencies, the Army Corps of Engineers and the farmers, owners and neighbors in the Ratledge Road community to develop an alignment for this portion of the Green North Alternative that will minimize, to the greatest extent possible, impacts to active farmlands and minimize impacts to the wetland area.

To this end, representatives from the Ratledge Road/Jamison Corner neighborhood, Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and the Project Team met in the field on January 30, 2007, to review the existing environment in the vicinity of the proposed options. Follow up meetings have been held to discuss ongoing concerns and design an alignment that would preserve the affected farm properties and homes while minimizing impacts to wetlands in the area.

As a result of the community's concerns and ongoing consultation, DelDOT is proposing the Option 4B Modified alignment as the preferred alignment of new US 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor from south of the Cedar Lane School complex to the boundary of the Whitehall properties, where it then curves to the east toward Jamison Corner Road. DelDOT is also proposing a minimization and mitigation package that will compensate for the increased impacts this alignment will cause to wetlands and forest, in coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD.



1 2 3 4 5 6 7	59 to preserve wetlands for what? Snakes, frogs and turtles? So what. Move them. We can't move a farm. It's not right. That's all I got to say. MR. BING: The next person to testify is Loraine Green. Loraine. And I believe, if I understand, she's going	Response to Loraine Green: Thank you for your statement. Please see the previous response to Richard Wooleyhan. DelDOT received the map proposing Option 4B, with signatures as noted, during the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of the alignment presented in the DEIS (shown on this map as
8	to take four minutes from her husband, Len.	Option 1)]. DelDOT is committed to working with the environmental resource
9	MS. GREEN: Loraine Green, 922 Fieldsboro	agencies, the Army Corps of Engineers and the farmers, owners and neighbors in the Ratledge Road community to develop an alignment for this portion of the Green
10	Road, Townsend, Delaware.	North Alternative that will minimize, to the greatest extent possible, impacts to
11	I'd like to address the proposed green	active farmlands and minimize impacts to the wetland area.
12	route. One would think that green means go, according to	active farmlands and minimize impacts to the wetland area. To this end, representatives from the Ratledge Road/Jamison Corner neighborho Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and the Project Team met in the field on January 30, 2007, to review the existing environment in the vicinity of the proposed options. Follow up meetings have b
13	the statement that says it's preferred by a higher number	
14	of respondents to the comments.	
15	I would like to counter that it may be the	held to discuss ongoing concerns and design an alignment that would preserve the
16	least voted for because our community is spread out over rural miles and not confined to large subdivided	affected farm properties and homes while minimizing impacts to wetlands in the
18	neighborhoods, the way Middletown has historically been	area.
18	until this development boom. If this is not a popularity	As a result of the community's concerns and ongoing consultation, DelDOT is
20	contest, then our comments should also have merit.	proposing the Option 4B Modified alignment as the preferred alignment of new US
21	Tonight specifically I'd like to address the	301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor
22	green route and where it would cross Route 896, since the	from south of the Cedar Lane School complex to the boundary of the Whitehall properties, where it then curves to the east toward Jamison Corner Road. DelDOT
23	originally proposed crossing has been dropped and four	is also proposing a minimization and mitigation package that will compensate for
24	new options have been added. Of these four options, we	the increased impacts this alignment will cause to wetlands and forest, in coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD.

Option 4B Modified does not impact either the Wooleyhan or Emerson farms.



60 61 1 were told that the Army Corps of Engineers would probably 1 countless number of drivers that stop by our fields to 2 only consider two due to the impact on wetlands. 2 watch calves being born, anyone that has admired or moved Last night I came to the meeting and I heard here for the open spaces or anyone that has enjoyed a з З 4 a gentleman say that the Army Corps' motto is try to seek 4 cold glass of milk. After all, if the milk supply goes a better way. Tonight I'd like to point out that the down, dairy prices will go up. These are just a few 5 E only two options left for consideration on Ratledge Road things to consider if the farms go. 6 6 are not a better way. Tonight I'll detail for you my top reasons 7 7 My basis for this statement is that both why there has got to be a better way than the options 8 9 options go through working farmland. The first farm in 9 presented. My first reason is that you are not only 10 consideration is that of our neighbors, the Wooleyhan's, 10 taking a piece of land, you are interfering with people's who have farmed that land for more than 60 years. Over livelihoods, their family traditions and community. 11 11 the years, they have received numerous offers to sell 12 I implore for the public and the Army Corps 12 13 their property for development. Each time they refused 13 to not just look at farms as open property, instead it is due to their love and devotion to farming. 14 someone's livelihood. What the public and the Army Corps 14 The second farm that I speak on behalf of is 15 15 needs to understand is that unlike a house that you can 16 the Emerson's, my family farm, which is affected by 16 buy and reestablish, farms are not that easy to come by. option four. This farm is one of the last working dairy 17 For one of the farms, my father's dairy, on 17 farms in New Castle County, a farm and farm family that paper it seems like just a few acres will be taken from 18 18 19 has hosted four generations of farmers over 64 years and 19 his land. However, a few acres has a major impact. One 20 counting which currently supports the livelihood of three 20 of the issues farmers with dairy face is how to dispose 21 generations. 21 of animal waste. Every year these farmers are required 22 Both of these farms' futures are in jeopardy 22 to file a nutrient management plan for its disposal. with the options presented. And our families will not be This is a mandated ratio of land to number of animals 23 23 24 the only ones to suffer as a result. So, too, will the 24 that must be met. This plan must then be approved by the



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1	state Agriculture Department. Any loss of property would	1	feasible location on paper.
2	make it difficult to satisfy this requirement, thereby	2	I certainly understand the need for wetland
3	potentially eliminating another dairy in the county and	3	preservation, but I don't agree with it at the loss of
4	my father's means of sustenance.	4	farmland if both can be avoided. Farmland is also a
5	Unlike the taking of a house, the	5	nonrenewable natural resource. I don't see how
6	unfortunate reality is houses can be bought in Delaware	6	exchanging wetlands for farmland is a better solution.
7	and in time new homes can be established. However, it is	7	After all, wetlands can be man-made, farmland cannot.
8	virtually impossible to find farmland in Delaware, yet	8	So I ask, should the environmental impact
9	alone a farm that is equipped for a dairy operation.	9	due to loss of farmland be considered, too? What is the
10	When you take land away from the Wooleyhans	10	ratio of return for farmland when you take it away? If
11	and the Emersons, you are jeopardizing their livelihood,	11	on the same proposed plan we can ignore wetland for a
12	their homes and you are also breaking apart our	12	toll plaza, shouldn't the same consideration be given for
13	tightly-knitted community, a place where we have helped	13	farmland? After all, the governor preaches about a
14	each other out in times of need, celebrated the joys of	14	livable Delaware and preserving farmland and open space.
15	our families and the sorrows together. Farming is both	15	And, yet, we want to go through with it on a Delaware
16	my family's and the Wooleyhan's heritage. And we have a	16	project.
17	combined 140 years of farming history to prove that.	17	I was surprised and saddened to see that
18	The Wooleyhans, my father and the residents	18	even with Delaware's agriculture initiative, loss of
19	of Ratledge and Jamison Corner were just notified in the	19	agriculture and its impact on the environment is just
20	past six weeks of the new plans to acquire their land.	20	considered a factor, not a major consideration.
21	One of the reasons we were told that the two routes would	21	We have heard the masses gather together and
22	still be considered is because the remaining two options	22	fight for churches because it is hard to find the land to
23	do not heavily affect wetlands. Yet, on the same plan, a	23	relocate. I agree with their cry. Yet, I wonder why the
24	toll plaza can go through wetlands because it is a	24	same consideration was not given to farmland, something



64 65 that is virtually impossible to buy in Delaware unless 1 1 When Jerry asked why the proposed weigh 2 you are a developer. We are taking something away from 2 stations could be built on wetlands, Mr. Helman said it the environment, something that cannot be replenished. would have a different impact. It is hard to understand з З 4 That, coupled with the fact the most fertile 4 this reasoning of how a toll plaza can be built on farmland in Delaware occurs in this same stretch of land wetlands, but a small acreage of wetland cannot be built 5 E along the C&D Canal, leads me to characterize this land on to propose a new road's route. 6 6 as priceless. It's obvious that the main reason why the 7 7 How sad it is to see that these farm green route is being considered is to provide access to 8 9 families have struggled to keep these farms going. And 9 the Whitehall properties and proposed business parks. 10 to reward them, these sections of their land were 10 The road could have run from the Churchtown property through the proposed Bayberry development to Route 1. 11 selected because there is no subdivision planned for 11 their property. To make matters worse, these options 12 The distance is much shorter so construction costs would 12 13 were only presented to the property owners within the 13 be much less. last six weeks. And, yet, major proposed subdivisions 14 The other property is in proposed 14 15 such as Bayberry are left unscathed. Home sites over 15 development status and these plans could be altered. 16 homes, that's what we gave up. 16 This more direct route would have no wetland impact and, In a meeting with DelDOT, Mr. Helman told since it's already planned for development, no reduction 17 17 the Ratledge Road community that the original proposal of farmland. But, sadly, the wishes of the developers 18 18 19 was scratched because it went through wetlands. When 19 are being considered over the people whose heritage and 20 Jerry Emerson pointed out the wetland impact at the first 20 livelihood rest on the land they own. 21 presentation at Brick Mill, the DelDOT rep told him that 21 So I ask the Army Corps of Engineers if your 22 is was not a problem. The state could make new wetlands 22 motto is try and seek a better way, is seeking a better like they did on Route 1. Mr. Helman said that was not way to consider the wishes of the developers and to 23 23 protect proposed home sites over existing ones? Is 24 the case here 24



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1	seeking a better way to move a highway to avoid a church	
2	because it would be hard to relocate a building, yet, not	
3	consider how that same thing would happen with the loss	
4	of farmland? You should be able to relocate a farm as	
5	well. And, unfortunately, it's not that easy.	
6	Is it a better way to jeopardize the	
7	livelihood of several families? Is it a better way to	
8	exchange wetlands for farmland when both could be avoided	
9	if other plans would be considered?	
10	Please consider that these farms are not	
11	only a treasure to the families that own and operate them	
12	in Delaware, they are a true natural resource that cannot	This page intentionally left blank
13	be replenished. Wetlands can be mitigated;	
14	unfortunately, farmland cannot.	
15	And just in closing, remember that without	
16	farmers, we'd be naked and hungry. And certainly who	
17	would want that?	
18	MR. BING: Has Susan Love arrived yet?	
19	That's all the people who have actually	
20	signed up to testify. Is there anyone who's here who	
21	would like to testify? Just by raising their hand,	
22	please let me know.	
23	I think Representative Cathcart wanted to	
24	make a few remarks.	



67 1 MR. CATHCART: I'm Dick Cathcart, 2 C-A-T-H-C-A-R-T. And I'm the state representative from the Ninth District. з 4 Excuse my back. I think it's important I face DelDOT and the Army Corps of Engineers in my 5 comments. 6 The first thing I'd like to say, when this 7 8 whole process started a couple years ago, especially when 9 we saw the first alternatives, I think the first thing 10 that the elected officials -- I know Steve Amick is in 11 the back, because we talked about this probably 100 12 times. We knew some part of our constituency was going 13 to be impacted. One of the things we pled to Kramer & Associates was to please make sure they do 14 15 everything that's humanly possible to give the residents 16 of this district an opportunity to make comment and to 17 take those comments serious and make changes whenever it 18 was possible. And obviously up to tonight I would 19 congratulate Kramer. I think everybody in this room 20 would agree they've been given plenty of opportunity to 21 make comments. So I thank you for that. 22 But, more importantly, tonight you heard emotions and passion about these various routes from 23 24 Airmont Farms and Chesapeake Meadows, from a community

Response To Representative Cathcart:

Thank you for your statement.

DelDOT has been proactive in seeking to inform and get feedback from the communities and public, in general, and specifically with those who are potentially affected by all of the alternatives, throughout the life of this study. In addition, DelDOT has maintained a dialogue with the elected officials whose constituents will be impacted by this project, and, in turn, we appreciate your involvement and support for your constituents and the citizens of Delaware.

We have listened and will continue to listen and respond to the comments we have received. We will continue work together with the communities of Chesapeake Meadow, Airmont, Ratledge Road and others, as well as with individual property owners, many of whom we have heard from during public testimony, to develop a final preferred alternative that will include the best efforts to minimize impacts to all while considering environmental resources.

We look forward to continuing to work with you, on behalf of those people whom we have heard here tonight, to provide the best solution for all concerned.



68 standpoint, and certainly from the ones that own farms 1 2 that are going to be greatly impacted. з The thing that I would plead to you is to 4 take very seriously what they said. This is coming from 5 the bottom of their hearts. It's going to impact communities. It's going to impact three generations of 6 farmers and a fourth generation that's growing up right 7 8 now. 9 And the key word, the one word I heard most 10 often mentioned today is "practical." And I know that's one of your considerations. Whatever this route is, it's 11 got to be practical. This page intentionally left blank 12 13 I think some of these changes these folks are asking for not only make sense, but are practical. I 14 15 hope you made note of that in their testimony. 16 You heard that agriculture is a dying industry in southern New Castle County. I know we look 17 for bog turtles because it's an endangered species. I 18 19 would submit that farmers in southern New Castle are an 20 endangered species, too. 21 Please take these comments seriously and do 22 anything you can to make these alternatives more palatable to this group of people that stood before you 23 with so much passion. 24



69 1 I know I'm one elected official that's going 2 to be standing by their side in trying to fight to get these things they asked for. I know Steve Amick, when he з 4 comes up to follow me, will tell you that as well. 5 I appreciate your time. And, again, to Kramer, we appreciate your passion in this as well. I 6 know you guys have gone out of your way in several cases 7 8 to make sure that the community has had an opportunity to 9 plead their case, and I appreciate that. MR. AMICK: I hate to start with a pun, but 10 11 this has been a long road. Pun is not really the right 12 word. A quip, I guess. 13 Dick and I and Bethany Hall-Long have been to a lot of meetings about this, met with an awful lot of 14 15 communities. We compared notes over and over again trying to find solutions to these individual problems all 16 over this area. And I appreciate all the effort that the 17 18 team that DelDOT has put together has taken to listen 19 carefully to as many comments as they can. 20 I've gone to each one of those meetings and 21 I've come away with something and thought that 22 neighborhood has a point to make endlessly. So I think the fact that the neighborhoods have made those points 23 have made it much more difficult to come up with 24

Response to Senator Steve Amick:

Thank you for your statement.

DelDOT has been proactive in seeking to inform and get feedback from the communities and public, in general, and specifically with those who are potentially affected by all of the alternatives, throughout the life of this study. In addition, DelDOT has maintained a dialogue with the elected officials whose constituents will be impacted by this project, and, in turn, we appreciate your involvement and support for your constituents and the citizens of Delaware.

We have listened and will continue to listen and respond to the comments we have received. We will continue work together with the communities of Chesapeake Meadow, Airmont, Ratledge Road and others, as well as with individual property owners, many of whom we have heard from during public testimony, to develop a final preferred alternative that will include the best efforts to minimize impacts to all while considering environmental resources.

We look forward to continuing to work with you, on behalf of those people whom we have heard here tonight, to provide the best solution for all concerned.



70 71 recommended solutions to this long-term problem. But I'm 1 1 weaker sense of community that the area between the canal 2 glad everybody had an opportunity to express themselves 2 and Middletown has at this point. as much as possible. With all the construction that has gone on, з З 4 That opportunity continues, if I'm not 4 people tend to live in developments and not communities. mistaken. If there is requests for further written When I ask people where they live, they tell me the name 5 5 communication with respect to what you've heard tonight, of a development. And I'm very concerned that we're 6 6 I think the team will honor it until -going to take what little sense of community this 7 7 MR. BING: February 3rd. 8 particular area has when you take properties close to 9 MR. AMICK: -- February 3rd. So there's 9 Ratledge Road. That's a major part of community this 10 time to get in further communication. 10 area has left. I'm concerned with respect to that. A couple things do stay with me. I do think 11 We protect cultural resources. We protect 11 Airmont has made an excellent case, and those are things 12 environment. We're trying to protect community. In this 12 13 that stayed with me as I've learned about the plans for 13 case, we're going to protect the community from the this particular road. 14 incurs that this road would result in. So I appreciate 14 15 With respect to Ratledge Road, I came up 15 everybody coming out. I'd be happy to hear any other 16 with an intention actually as I was coming into the hall 16 comments. tonight to talk at some length about Ratledge Road. But 17 You have to understand that Dick and Bethany 17 you covered it with far more passion. And I think you Hall-Long and myself don't make this decision. But we're 18 18 19 covered it well, with maybe one exception. And that may 19 going to be there to fight every step of the way to make 20 be something where I have a perspective different. 20 sure whatever protections are needed to make sure that 21 I've been in the legislature quite a long 21 the negative effects are mitigated and positive effects 22 time, came to represent the area below the canal here 22 enhanced, we're going to try to do that on your behalf. only in the last -- well, since 2002. One thing has 23 I appreciate everybody coming out. That's 23 struck me very aggressively, that is the relatively the most significant sign is everybody here this evening. 24 24



72 1 Thanks a lot. 2 MR. BING: Again, is there anyone at this point who would like to give additional testimony, just з 4 by raising your hand? 5 MR. USILTON: Mr. Kramer, I gave private testimony. Can I make a statement? 6 MR. BING: Yes 7 MR. USILTON: My name is Wayne Usilton, 9 4914 Summit Bridge Road. 10 MR. BING: Spell your last name. MR. USILTON: U-S-I-L-T-O-N. 11 12 I don't have anything prepared. Naturally, **Response to Wayne Usilton:** 13 I'm north of Armstrong Corner Road. I'm going to be impacted at this point. If the green route goes through, 14 Thank you for your statement. 15 it's going through my home. The volume of traffic projected to use the Summit Bridge daily in 2030 with the 16 I moved down here 22 years ago. I have Green Alternative with the Spur Road is 59,500; under the No-Build condition the horses and I wanted open field or open ground. Armstrong 17 volume is 65,000. Therefore, the Green Alternative with the Spur Road is projected has their farm around me. With this green route, it's 18 to provide some relief to traffic on Summit Bridge in 2030. While both of these projections represent a significant increase over existing daily volume of 26,300, 19 really upsetting for all of us. Because on the books 40 the level of service (LOS) on Summit Bridge is projected to be LOS D during peak 20 years ago, it was supposed to go from 301 Maryland line hours with the Green with the Spur Road, which is still considered acceptable. 21 to Summit Bridge. 22 Now, we all know that Summit Bridge can't handle, according to everybody in the Army Corps of 23 Engineers, that it cannot handle the truck traffic or the 24 (continued on next page)



(continued from previous page) 73 Improvements are programmed to relieve congestion at the I-95/SR 1 interchange, which include the construction of direct ramps between I-95 and SR 1 in both additional traffic. But all we have to do is repair that 1 directions, separating through traffic from local traffic. These improvements are 2 bridge or get it to the point where it can handle that scheduled for construction beginning in the fall 2009, with completion anticipated by the end of 2012, well in advance of the projected completion of US 301 з traffic. (2015/2016). The new interchange was designed to relieve existing congestion and 4 Because if you notice on the green route, accommodate future traffic volumes. The connection of US 301 to SR 1 was they've got that spur. Now, the spur follows the old 5 considered in developing the design concept for the new interchange bridge route. We've been over this study numerous times. 6 improvements. An additional lane (5th lane in each direction) is currently under construction on I-95 from SR 1 to SR 141. They spent millions of dollars on this study. I cannot 7 8 see why they cannot do the green route spur and leave it The Red Alternative, which followed the ridge route and SR 896, crossing the C&D 9 going over the entire state over SR-1. Canal on the Summit Bridge, was evaluated during the planning process but was 10 SR-1 up to 95 is a major disaster. You get not retained for detailed evaluation. Reasons for not retaining the Red Alternative included: 11 up to Christiana Mall, in that area it is a nightmare. • it does not accommodate the 65% of traffic on US 301 that is destined for points Now they want to spend more money to add another lane. 12 to the northeast Does that make sense? 13 • it would require additional lanes on the Summit Bridge to accommodate 14 Do what originally was supposed to be done. increased traffic volumes 15 Go from the Maryland line to Summit Bridge. Do what you it did not provide direct access to SR 1 ٠ • it would have required major improvements to the SR 896/I-95 interchange and 16 got to do on Summit Bridge to repair it, and leave the tie-in to Old Baltimore Pike farmers and everybody alone. 17 • it had identified impacts to Section 4(f) resources 18 The other thing that I want to point out it would have been the costliest to construct ٠ 19 here and I want them to consider is why would you have a • required the most difficult maintenance of traffic and inconvenience to travelers 20 major interchange at Armstrong's Corner area dumping -during construction. The full explanation for nor retaining the Red Alternative are in the DEIS, Section 21 possibly dumping traffic right back onto the road we're II.B.2.a. 22 trying to get traffic off of? It doesn't make sense to 23 me. 24 With that, you know, I hope that you The interchange at Armstrong Corner Road is designed to allow local access to businesses and residences on the north side of Middletown.



74 consider going the green route with the spur to Summit 1 Bridge, not going over to SR-1 at all. Or, the brown 2 route to Summit Bridge without going to SR-1. That's all з 4 I have. Thank you. 5 MR. BING: Is there anyone else who would like to give any public testimony at this point? Anyone 6 else? 7 Okay. I know we are still waiting for 8 9 Susan Love to get here. We are going to be here until 10 10:00 o'clock tonight. If at any time anyone changes their mind and does wish to give public testimony, just 11 come up and notify me. This page intentionally left blank 12 People are free to look at the display 13 boards and maps. We are here until 10:00 o'clock. I 14 15 thank everyone who gave testimony and who is here. And, 16 again, if you would like to give testimony, just come and let me know. Thank you very much. 17 18 - - -- -19 MR. BING: Ladies and gentlemen, if I could 20 have your attention for one moment? We have some 21 additional people who are wanting to give public 22 testimony. I believe some people went to use the rest room. So we're going to resume in five minutes to give 23 the public testimony. Thank you. 24



75 1 2 MR. BING: We're going to get going again at this point. If everyone could quiet down and come in and з 4 take a seat? 5 I would ask some of the staff to ask some of the other people on the other side to help quiet them 6 **Response to Susan Love:** down. At this point, the next person to testify will be 7 Thank you for your statement. Susan Love. 8 9 MS. LOVE: Hi. Good evening. My name is 10 Susan Love, L-O-V-E. I'm the president of Middletown 11 Village Civic Association. I have a prepared statement to read to you this evening that has been formally 12 13 approved by the Civic Association just this evening, which is why we are late. 14 DelDOT does not recommend an on-alignment alternative for the project. 15 The Middletown Village Civic Association is 16 generally in support of the selected alternative for the Route 301 project, the green route, and is strongly 17 opposed to any of the on-alignment alternatives due to 18 (continued on next page) 19 their significant social cost to our neighborhood and 20 Town of Middletown. 21 Although the residents of Middletown Village 22 generally support the green route, we do still have concerns regarding the impact this route will have, 23 particularly as they relate to visual and noise impacts. 24



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1	We have continually expressed these concerns	
2	to the Route 301 project team and are pleased yes, I	A visual earth berm is proposed between Middletown Village and the new US 301 roadway. The berm will provide visual screening for the community, as well as
3	said pleased that measures have been included in the	provide a measure of noise abatement. The proposed earth berm is 2,000 feet long
4	plan that will help mitigate noise and visual impacts to	and 16 feet high. Final dimensions of the berm will be determined during final
5	our community.	design with the goal being to minimize the visual impacts to the neighborhood. Construction of the earth berm will also eliminate noise impacts for western
6	In the final stage of the project planning,	Middletown Village.
7	the residents of Middletown Village request the	
8	following: One, we request that DelDOT remain firm in	
9	its commitment to build the berm to the west of	
10	Middletown Village and that it be included in the final	
11	plans. We further request that the length of the berm is	
12	maximized to protect our residents from noise and visual	All project landscaping will be developed during the final design of the project.
13	impacts.	An project landscaping will be developed during the final design of the project.
14	Two, we request that the berm be landscaped	
15	with trees and shrubs to increase its effectiveness as a	Reforestation locations will be chosen to optimize the future regrowth of forest
16	visual screen to our residents.	lands and in accordance with guidance provided by the Delaware Code, Title 17, Sections 201-211 (Landscaping and Reforestation Act). DelDOT plans to conduct
17	Three, we request that DelDOT reforest the	reforestation on the isolated triangle to which you refer as part of its required
18	area between Middletown Village and the proposed highway,	reforestation package. DelDOT will consider your request to plant this reforestation
19	and that reforestation begin as soon as these lands are	area in advance of construction. We will do all that is possible to protect the trees
20	acquired rather than after the highway is constructed.	along Woodline Drive.
21	Specifically, construction of the green	
22	route will leave an isolated triangle of land to the	
23	northwest of Woodline Drive. Reforestation of this area	
24	will provide additional visual screening for residents of	(continued on next page)



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1 the western portion of Middletown Village. 2 In addition, serious consideration should be given to reforestation of currently vacant land within з 4 Middletown Village adjacent to the proposed highway. 5 These actions will both protect residents from visual impacts of the roadway and will enhance habitat and water 6 quality in the headwaters of the Appoquinimink River. 7 8 We further request that all existing trees 9 along Woodline Drive remain and are outside of 10 construction areas. 11 Four, we request that noise and visual 12 impacts from the Bunker Hill Road overpass be considered 13 and mitigated. 14 Five, we request that drainage impacts be 15 evaluated and considered. Construction of the roadway will alter drainage patterns in the region and residents 16 have expressed concern about drainage and flooding, 17 particularly in the western portion of the neighborhood. 18 19 Six, we request that lighting on the highway 20 be kept to the minimum amount required by safety 21 standards to minimize light pollution. 22 Seven, we request that DelDOT actively involve the Middletown Village Civic Association in the 23 24 design phase of the project to ensure that our concerns

77

The noise analysis shows that for most locations in Middletown Village, there would be no measured impacts from the new US 301. Specifically, the current daily volume of traffic on Bunker Hill Road is 4,000 vehicles. The projected 2030 daily traffic for Bunker Hill Road under the Green North Alternative is 6,900, which represents a 58 percent decrease from the daily traffic projected to use Bunker Hill Road under the No-Build Alternative. Due to the relatively low volumes projected to utilize Bunker Hill Road and the distance (more than 1,600 feet from the nearest property in Middletown Village), there were no predicted noise impacts from the Bunker Hill Road overpass.

Stormwater management facilities will be designed and constructed to manage roadway runoff and hydrology altered by the construction of the berm. During final design, more specifics regarding the potential stormwater management facilities and drainage features will be developed to ensure the proposed roadway will not increase the potential for flooding in the area.

DelDOT is proposing lighting of the highway only at interchanges and toll plazas; additional lighting will be installed if safety concerns warrant. The final decisions on lighting will take place during final design. In addition, highway lighting would be shielded from residential areas.

A refined Preferred Alternative is presented in the Final EIS, and commitments regarding minimization and mitigation of impacts will be memorialized in the Record of Decision which is anticipated to be signed following the availability of the FEIS and a subsequent review period. Final engineering and design of the roadway will be guided by those commitments, as will construction. At various stages in the final design process, DelDOT will meet with those directly and indirectly affected by the project to review the design plans and secure their input.

(continued on next page)



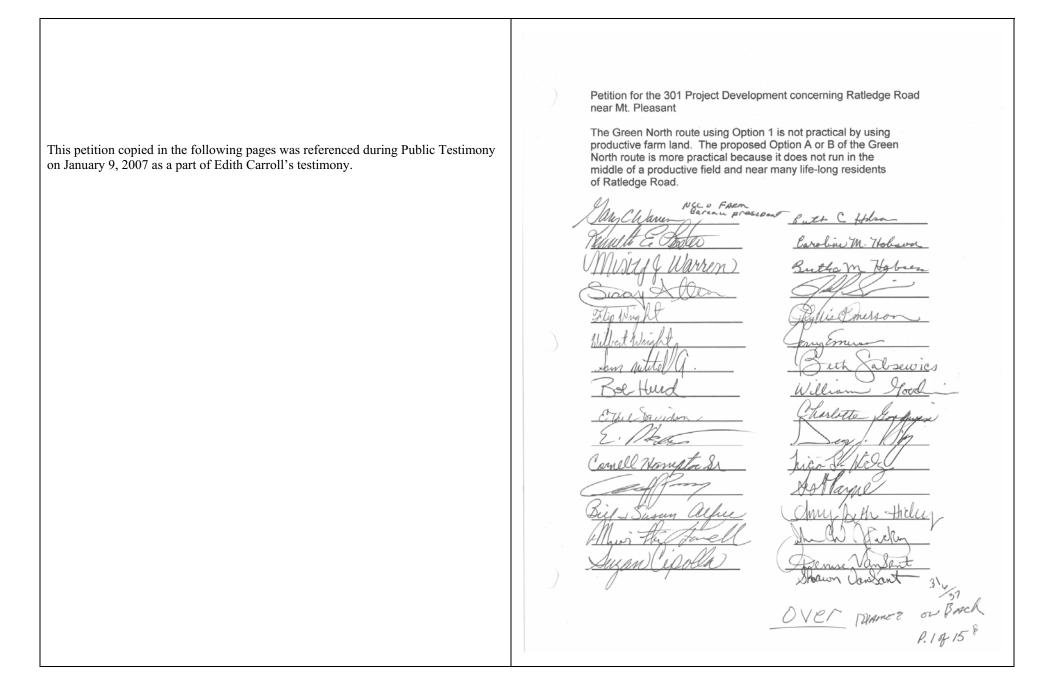
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1. 2 3 4 5 6 7 8	78 and needs are met as the project goes forward. And, eight, in recognition that it could be a decade or more before the proposed highway is completed and that during this time, traffic will continue to build on existing Route 301, we request expedited action on planned traffic lights at the intersections of Ash Boulevard and Route 301 and Doc Levinson Drive and 301. Thank you for this opportunity to comment	New signals will be placed as traffic warrants their installation. If traffic warrants are met, the signal for Doc Levinson Drive at US 301 will be installed as a part of the improvements on US 301 from Middleneck Road to Peterson Road (refer to State Contract 25-128-04). There is no active study or design for a signal at US 301/Ash Boulevard, and past studies showed it did not meet warrants. Hopefully, the signal at Doc Levinson Drive will divert some traffic there.
9 10	this evening. MR. BING: Thank you, Susan.	
11 12 13	The next person to testify is Jorge Velazquez. MR. VELAZQUEZ: Good evening. My name is	RESPONSE TO JORGE VELASQUEZ:
14 15	Jorge, J-O-R-G-E, Velazquez, V-E-L-A-2-Q-U-E-2. I live at 820 Woodline Drive in Woodline Village.	DelDOT will make every effort to protect the line of trees along Woodline Drive.
16 17 18 19	Very briefly, I'd like to ask that DelDOT maintain or mitigate the damage to or the removal of the existing tree line and trees that are parallel to the properties on Woodline Drive.	There is no anticipated impact to the existing stormwater pond; additional stormwater management facilities will also be constructed to manage roadway runoff and hydrology altered by the construction of the berm.
20 21	And the second thing that I'd like to say is we have a pond that was created with the construction of	
22 23 24	our homes. And the pond has now been there for about three years. And we're concerned about, first of all, what's going to happen to the existing water that's	
		(continued on next page)





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	81
1 INDEX	
	1 State of Delaware)
2 EXHIBITS) 2 County of New Castle)
3 EXHIBITS MARKED	3
4 1 Map showing potential options of green north	4
5 crossing Boyds Corner Road with signatures (Mark Tudor retained exhibit)	5 CERTIFICATE
6 2 Journal of the American College of Cardiology	6 I, Patricia L. Shelton, Notary Public, do hereby
7 article	7 certify that the foregoing record, pages 2 to 79
8 3 New England Journal of Medicine article 51	8 inclusive, is a true and accurate transcript of my
9 4 Annals of Internal Medicine article 51	9 stenographic notes taken on Tuesday, January 9, 2007, in
10 5 QJM article 51	10 the above-captioned matter.
11 6 Article on the prevalence of Tako-Tsubo	11 IN WITNESS WHEREOF, I have hereunto set my hand
Syndrome in a large urban agglomeration 51 12	12 and seal this 11th day of January, 2007, at Wilmington.
7 Article on Tako-Tsubo Cardiomyopathy 51 13	13
8 Article on sequential transthoracic ultrasound 14 assessment of coronary flow reserve in a	14
patient with Tako-Tsubo Syndrome 51 15	15
9 BMJ Career Focus article 51	16
17	Patricia L. Shelton 17 Certification No. 104-RPR
	(Expires January 31, 2008) 18
18 CERTIFICATE OF REPORTER PAGE 81	19
19	20
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Jemmy Conces-Debbie Concese Der Emm Petition for the 301 Project Development concerning Ratledge Road near Mt. Pleasant Mandy Emerson The Green North route using Option 1 is not practical by using Robert Emerson productive farm land. The proposed Option A or B of the Green North route is more practical because it does not run in the Sarah Emerson middle of a productive field and near many life-long residents of Ratledge Road. ous Woola en JUDA Inn Saa Spreng HKampy Donn Hustrs , Hamber Nombr William A. Cackerham Byllie Hand P. 207 15 P.30%



Petition for the 301 Project Development concerning Ratledge Road near Mt. Pleasant

The Green North route using Option 1 is not practical by using productive farm land. The proposed Option A or B of the Green North route is more practical because it does not run in the middle of a productive field and near many life-long residents of Ratledge Road.

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Petition for the 301 Project Development concerning Ratledge Road near Mt. Pleasant

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Petition for the 301 Project Development concerning Ratledge Road near Mt. Pleasant

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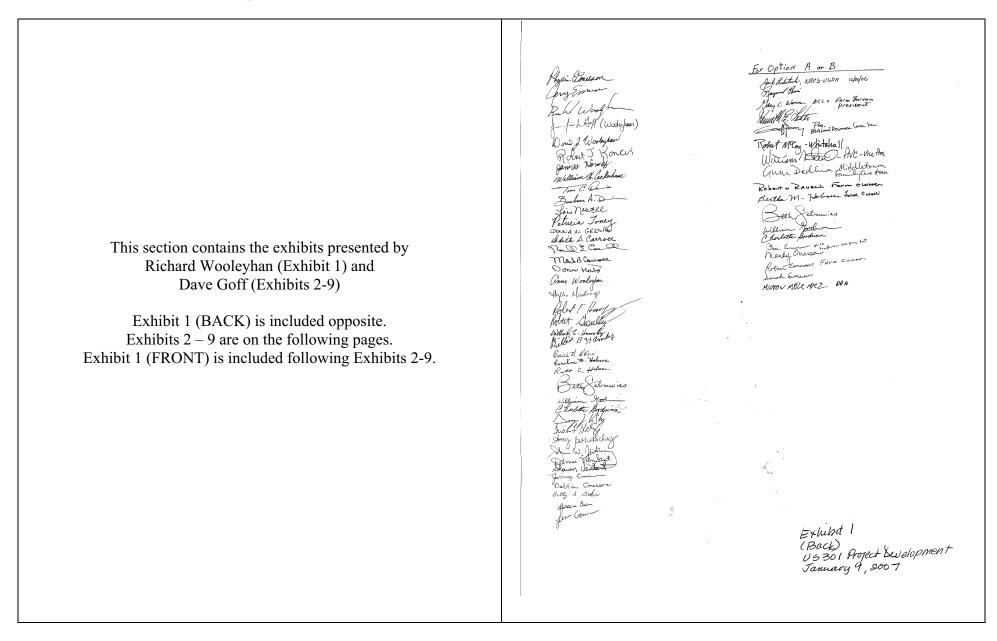
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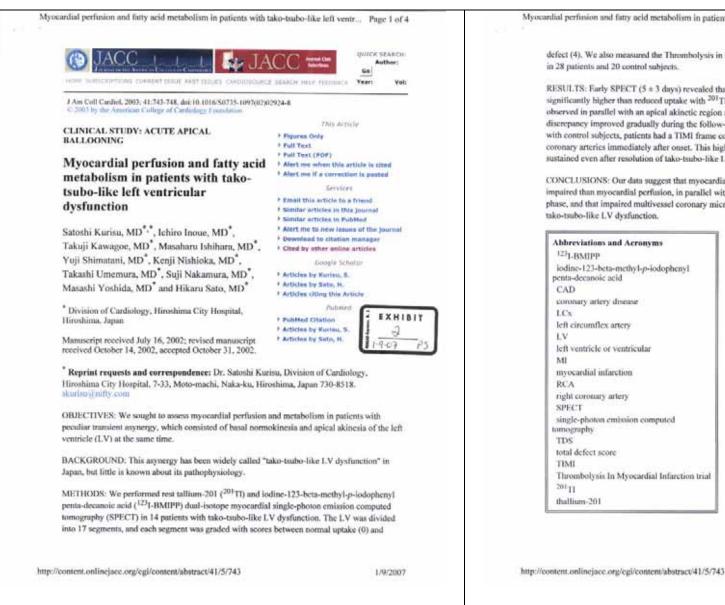
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Myocardial perfusion and fatty acid metabolism in patients with tako-tsubo-like left ventr... Page 2 of 4

defect (4). We also measured the Thrombolysis in Myocardial Infurction trial (TIMI) frame count in 28 patients and 20 control subjects.

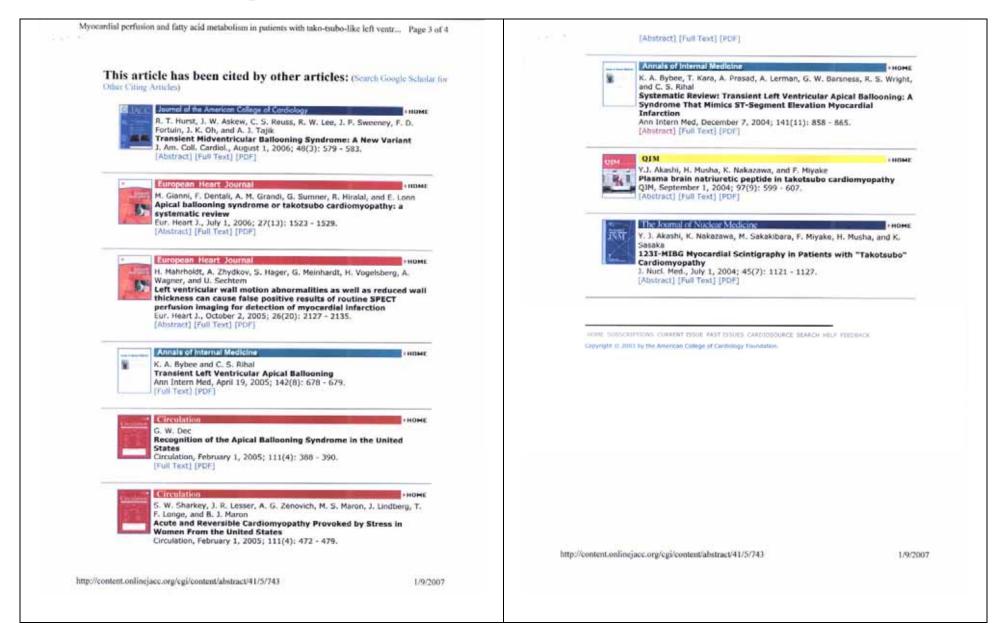
RESULTS: Early SPECT (5 ± 3 days) revealed that the total defect score value with BMIPP was significantly higher than reduced uptake with 201Tl (p < 0.01). Reduced uptake of BMIPP was observed in parallel with an apical akinetic region and usually involved uptake of 20171. This discrepancy improved gradually during the follow-up period (29 ± 6 days) (p = 0.36). Compared with control subjects, patients had a TIMI frame count that was significantly higher in all coronary arteries immediately after onset. This higher TIMI frame count decreased but was sustained even after resolution of tako-tsubo-like LV dysfunction.

CONCLUSIONS: Our data suggest that myocardial fatty acid metabolism is more severely impaired than myocardial perfusion, in parallel with an apical akinetic region during the early phase, and that impaired multivessel coronary microcirculation is involved, at least in part, in tako-tsubo-like LV dysfunction.

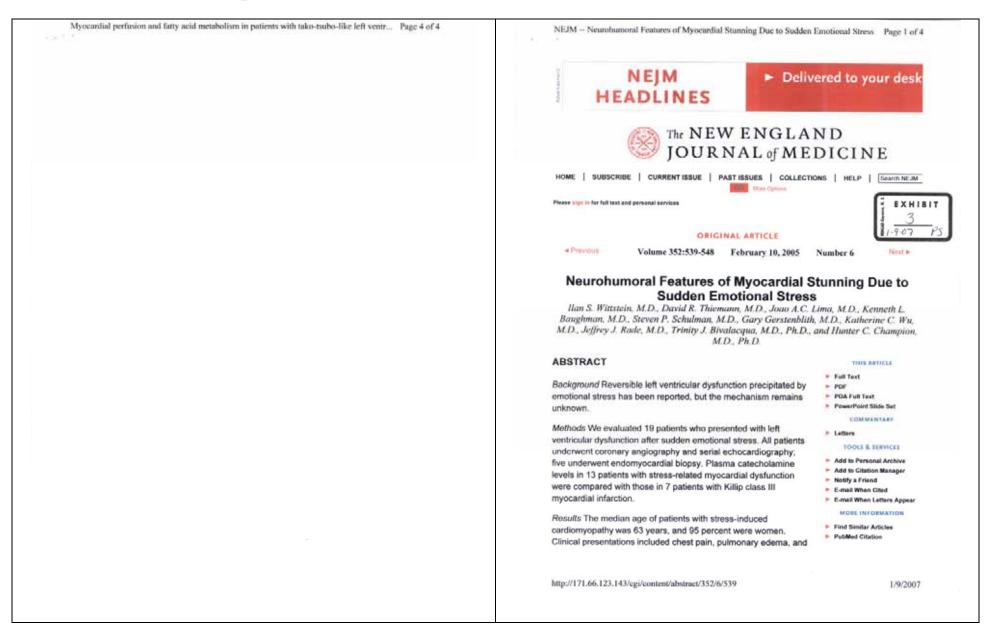
Abbreviations and Acronyms	
1231-BMIPP	
iodine-123-beta-methyl-p-iodophenyl senta-decanoic acid	
CAD	
coronary artery disease	
LCx	
left circumflex artery	
LV	
left ventricle or ventricular	
741	
myocardial infarction	
RCA	
right coronary artery	
SPECT	
single-photon emission computed amography	
TDS	
total defect score	
TIMI	
Thrombolysis In Myocardial Infarction tria	d
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NEJM -- Neurohumoral Features of Myocardial Stunning Due to Sudden Emotional Stress Page 2 of 4

cardiogenic shock. Diffuse T-wave inversion and a prolonged QT interval occurred in most patients. Seventeen patients had mildly elevated serum troponin I levels, but only 1 of 19 had anglographic evidence of clinically significant coronary disease. Severe left ventricular dysfunction was present on admission (median ejection fraction, 0.20; interquartile range, 0.15 to 0.30) and rapidly resolved in all patients (ejection fraction at two to four weeks, 0.60; interquartile range, 0.55 to 0.65; P<0.001). Endomyocardial biopsy showed mononuclear infiltrates and contraction-band necrosis. Plasma catecholamine levels at presentation were markedly higher among patients with stress-induced cardiomyopathy than among those with Killip class. III myocardial infarction (median epinephrine level, 1264 pg per milliliter [interquartile range, 916 to 1374] vs. 376 pg per milliliter [interquartile range, 275 to 476]; norepinephrine level, 2284 pg per milliliter [interquartile range, 1709 to 2910] vs. 1100 pg per milliliter [interquartile range, 914 to 1320]; and dopamine level, 111 pg per milliliter [interquartile range, 106 to 146] vs. 61 pg per milliliter [interquartile range, 46 to 77]; P<0.005 for all comparisons).

Conclusions Emotional stress can precipitate severe, reversible left ventricular dysfunction in patients without coronary disease. Exaggerated sympathetic stimulation is probably central to the cause of this syndrome.

Source Information

From the Division of Cardiology, Department of Medicine (LS,W., D.R.T., J.A.C.L., S.P.S., G.G., K.C.W., J.J.R., H.C.C.), and the Brady Urological Institute (T.J.B.), Johns Hopkins University School of Medicine, Baltumore, the Department of Epidemiology, Johns Hopkins University School of Public Health, Baltimore (D.R.T.), and the Cardiovascular Division, Department of Medicine, Brigham and Women's Hospital, Boston (K.L.B.).

Address reprint requests to Dr. Witturin at the Division of Cardinlogy, Johns Hopkins Hospital, Carnegie 568, 600 N. Wolffe St., Baltimore, MD 21287, or at isotromorphism eds.

Full Text of this Article

Related Letters:

Myocardial Stunning Due to Sudden Emotional Stress Maseri A., Kurisu S., Inoue I., Kawagoe T., Kadhiravan T., Wittstein I. S., Champion H. C. Extract | Full Text | PDF N Engl J Med 2005; 352:1923-1925, May 5, 2005. Correspondence

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REVIEW

Systematic Review: Transient Left Ventricular Apical Ballooning: A Syndrome That Mimics ST-Segment Elevation Myocardial Infarction

Kevin A. Bybee, MD; Tomas Kara, MD, PhD; Abhiram Prasad, MD, MRCP, Amir Lerman, MD; Greg W. Barsness, MD; R. Scott Wright, MD; and Charanjit S. Rihal, MD

7 December 2004 | Volume 141 Insue 11 | Pages 858-885

The transient left ventricular apical ballooning syndrome, also known as takotsubo cardiomyopathy, is characterized by transient wall-motion abnormalities involving the left ventricular apex and mid-ventricle in the absence of obstructive epicardial coronary disease. In this paper, we review case series that report on patients with the transient left ventricular apical ballooning syndrome to better characterize patients presenting with the syndrome.

We identified 7 case series that reported on at least 5 consecutive patients with the transient left ventricular apical ballooning syndrome. The syndrome more often affects postmenopausal women (82% to 100%) (mean age, 62 to 75 years). Patients commonly present with ST-segment elevation in the precordial leads, chest pain, relatively minor elevation of cardiac enzyme and biomarker levels, and transient apical systolic left ventricular dysfunction despite the absence of obstructive epicardial coronary disease. An episode of emotional or PubMed

physiologic stress frequently precedes presentation with the syndrome. The in-hospital mortality rate seems to be low, as does the risk for recurrence.

Author and Article Information From Mayo Clinic College of Medicine, Rochester, Minnesota.

Potential Financial Conflicts of Interest:Consultancies: R.S. Wright (Bayer); Grants received: R.S. Wright (Centocor, Merck, Bayer, Bristol-Myers Squibb).

Requests for Single Reprints: Charanjit S, Rihal, MD, Cardiac Catheterization Laboratory, Mayo Clinic and Foundation, 200 First Street SW, Rochester, MN 55905; e-mail, Rihal@mayo.edu .

Current Author Addresses: Drs. Bybee, Kara, Prasad, Lerman, Barsness, Wright, and Rihal: Mayo Clinic and Foundation, 200 First Street SW, Rochester, MN 55905.

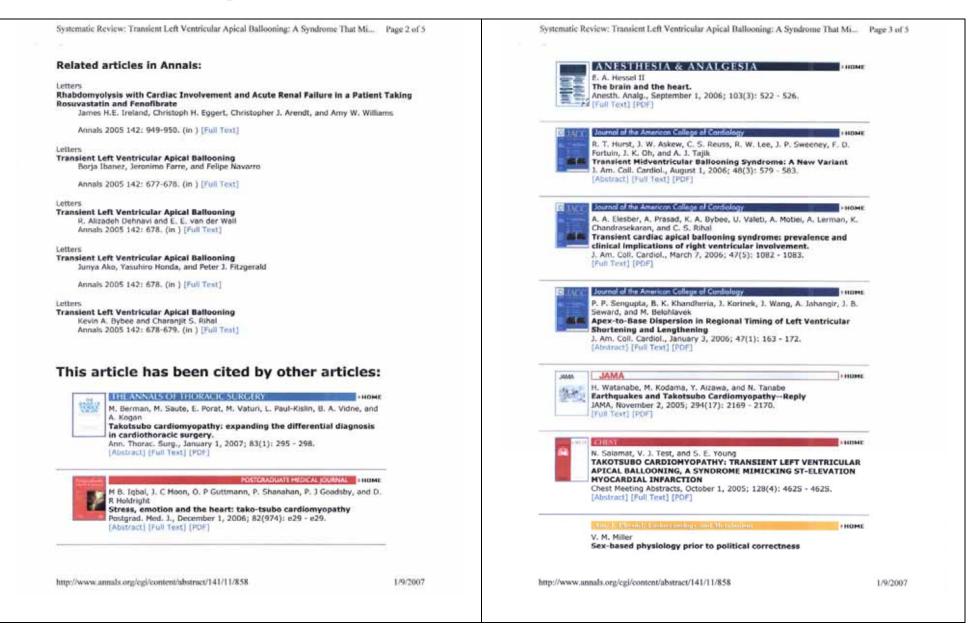
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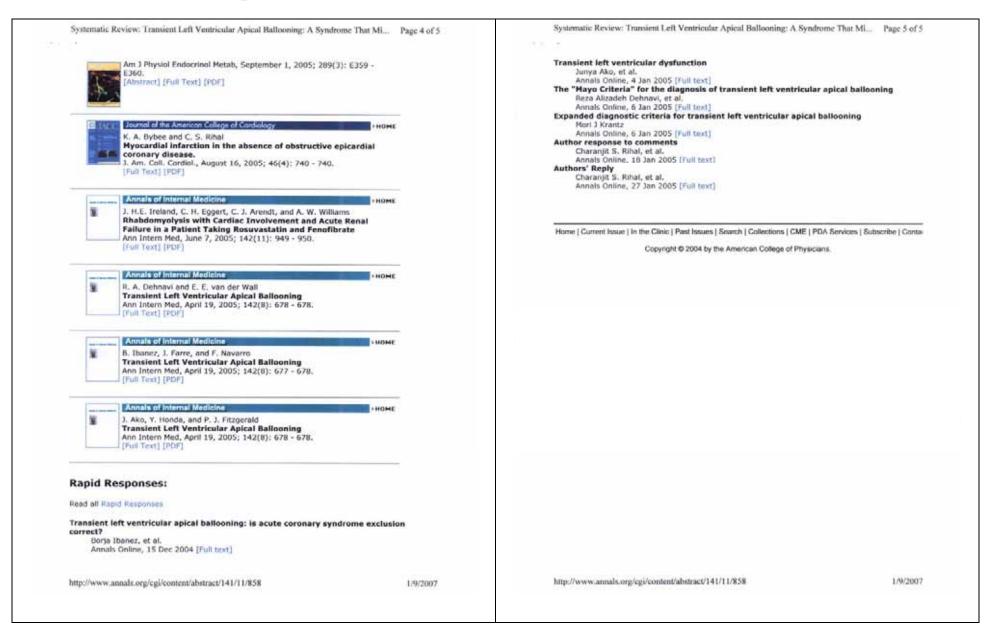
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EXHIBIT











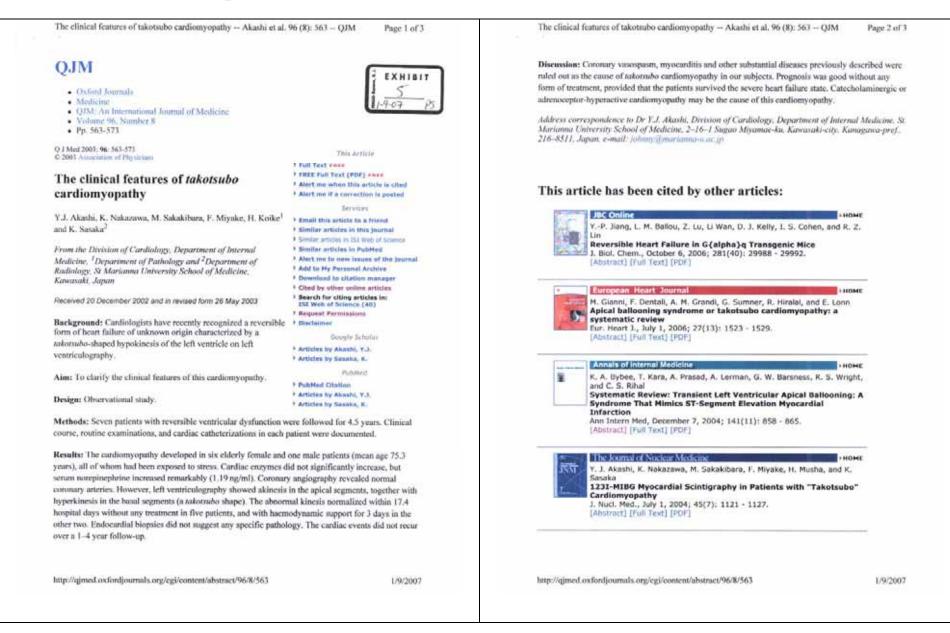
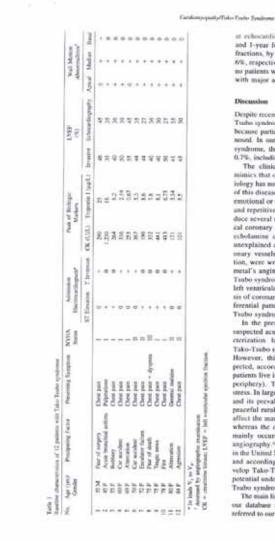




EXHIBIT 6 1.9.07

The clinical features of takotsubo cardiomyopathy - Akashi et al. 96 (8); 563 - QJM Page 3 of 3	EXH
	Prevalence of Tako-Tsubo Syndrome in a Large
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require any further clarification, please contact our Customer Services Department. Online ISSN 1460-2393 - Print ISSN 1460-2725 Copyright © 2006 Association of Physicians of Great Britain and Ireland Oxford Journals Oxford University Press	Among 4,551 patients referred to the investigators' catheterization laboratory, 1,613 presented with acute coronary syndrome, and 12 had confirmed Tako-Tsubo syndrome (prevalence 0.7%). In conclusion, the present study emphasizes the underestimation of this new heart disease. O 2006 Elsevier Inc. All rights reserved, (Am J Cardial 2006; 98:662-665)
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at echocardiographic follow-up (Figure 3). At 1-month and 1-year follow-up, the mean left ventricular ejection fractions, by echocardiography, were $49\pm5\%$ and $64\pm$ 6%, respectively. During a follow-up of 26 ± 12 months, no patients with Tako-Tsubo syndrome died or presented with major adverse cardiovascular events.

Discussion

Despite recent reports of a new medical entity called Tako-Tsubn syndrome,1-8 ins prevatence is uncertain, all the more because partial patterns may secur and could be misdiagnosed. In our population of patients with acute commary syndrome, the prevalence of Tako-Taubo syndrome was 0.7%, including typical or partial patients

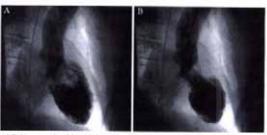
The clinical presentation of Tako-Turbo syndrome mimics that of acute coronary syndrome.⁸ Its pathophysiology has not yet been elucidated. It seems that the onset of this disease is typically triggered by an acute and clear emotional or stress event or by an accumulation of trivial and repetitive stress.319 Sympathetic activation might indoce several unclear and hypothetical disorders: multifacal coronary or microvascular vasospasms or direct calecholamine cardiac damage." A few years ago, many unexplained acute coronary syndromes with normal curonary vessels, but with abnormal left ventricular function, were wrongly diagnosed as coronary spasm (Prinzmetal's angina) or myocarditis. The diagnosis of Tako-Tsubo syndrome is based mainly on coronary and biplane left ventricular angingraphy, which excludes the diagnosis of coronary artery disease and recognizes the circumferential pattern of wall motion appormalities of Tako-Tsubo syndrome.

In the present study, among the 1,613 patients with suspected acute coronary syndrome referred to our cathenerization laboratory, 12 presented with confirmed Tako-Tsubo syndrome, resulting in a prevalence of 0.7%. However, this prevalence should be cautiously interpreted, according to the lifestyle of the population. Our patients live in a large urban agglomeration (Paris and its periphery). This cardiomyopathy depends on induced stress. In large urban setting, stress is part of the lifestyle, and its prevalence is likely significantly greater than in peaceful rural areas. In contrast, gender differences may affect the management of acute coronary syndrome.13-14 whereas the diagnosis of Tako-Tsubo syndrome, which mainly occurs in women, is performed with coronary angiography.* The incidence of acute coronary syndrome in the United States was estimated at 1.660,000 in 2001.15 and according to our results, 12,250 patients could develop Tako-Toubo syndrome each year, underlining the potential underestimation of the real prevalence of Tako-Faulto syndrome.

The main limitation of this study was that we reviewed in our database all patients with acute coronary syndrome referred to our catheterization laboratory during a period of

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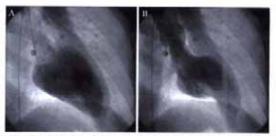


Figure 2. Bight environ of lapse left workforder engingment of a perform with partial and elevitar Takas Turbs syndrome takaness of the based and and segments of all works.

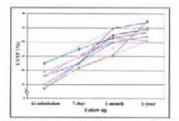


Figure 3. Echevathegraphic kill ventricalise spectrum fractions (I,VI,Fy fedlow up of putients with Takes Turbe steadyors,

5 years. The prevalence of Takis Tsaho syndrome should be prospectively studied in a large cohort.

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Tako Tsubo Cardiomyopathy (Transient Left Ventricular Apical Ballooning): Case Report of a Myocardial Perfusion Echocardiogram Study

Shrikanti P, Y. Upadya, MD, Shrikh M, Hoq, MD, MPH, Rahui Pannala, MD, MPH, Fadi Alona, MD, Edward Tunly, MD, FACC, and Stuart Zacids, MD, FACC, FASE, Jelegeper, Comsenieur

We are reporting a case of Tako stubo cardiomyopathy (transient left ventricular spical ballooning) in the Western population identified by a perfusion echocardiogram that demonstrated perfusion defect at baseline in the spical and adjacent walls that was

Tako tuobo cardiomyopathy (transient left ventricular [1V] apical balloosing) is an enigmatic cardionyopathy, characterized by extensive apical asyneny in the absence of significant coronary disease.

CASE REPORT

A 77-year-old Caucastan woman, with history of bovioe aonic valve replacement 5 years previously, recently presented to the entergency department (ER) in a periphend hospital with typical anginal pain of severe intensity after the news of her brother's death. At the time of presentation, she was stable hemodynamically and her physical examination was unremarkable except for 1+ bilateral ankle edents. Her significant biboratory workop included a positive troponia T level of 0.83 ng/mL (nonna 0.1 ng/mL) and an electrocardiogram that showed first-degree atmoveniricular block, left-axis deviation, and 0.5 to 1 mm 5-T elevations its V, to V, (Figure 1). A bedside transthoracii: echocardiogram showed extensive anternapical akinesis. The patient was transferred to our bosoital for emergency curonary angiography that, howcorr, revealed only minimal nonohieructive atheroncie rotic disease with grade II Thrombous in Myocardial Infection (TIMI) flow and absence of theomhus/clot (Phonys 2 and 3). Left vermicolography confirmed extensive akinesis of the apex, anterior apical, midanterior, inferoapical, and midinferior segments with an ejection

From the Bridgeport Douplat, Tale University School of Medicine.

Barrier requests: Strikarth P. T. Upadya, MD, Department of Caediokogy, 767 Gran St, Biolgeport Hospital, Tale University School of Medicium, Belgeport, CT 06630 (E-mult relayabilitating ago. 0904-5212/5310.00

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incongruous to the wall-motion abcormality. The perfusion defect improved within 7.2 limns on a repeated study indicating that microvasculature disruption is a key feature of this enginate cardiomyopathy. (J. Am Sox Elebocations 2005;118:10-14.)

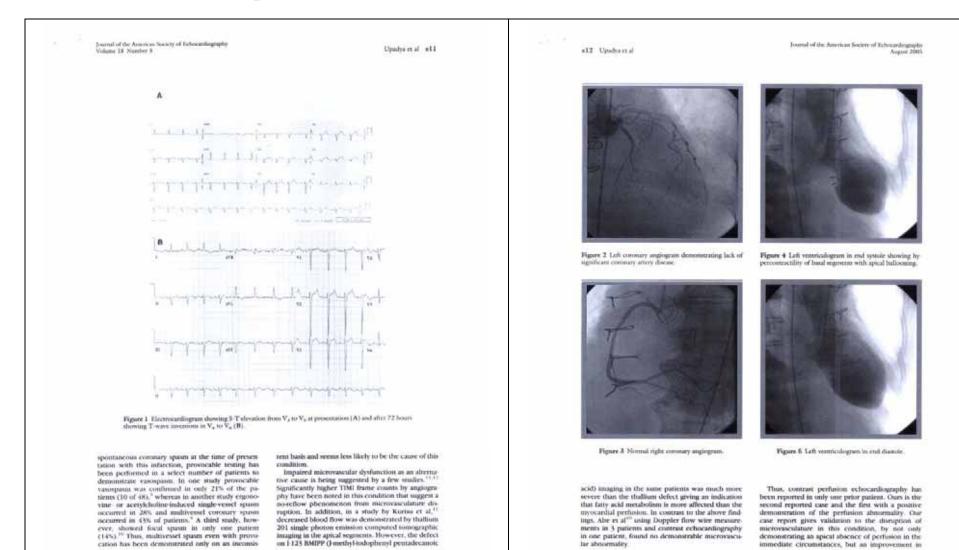
fraction estimated at 30% (Figures 4 and 9). Basal segments were contracting vigorously. Given the extent of the wall-motion absormality and the lack of significant coronary setery disease, a diagnosis of Tako tsubo cantiomy opathy was entertained. Ischocardiogram performed the next day confirmed the persistence of the above wallmotion abnormalities (Figures 6 and 7). Perfusion echocardiogram (Sequoia-256, Acunon, Mountain View, Calif. with CPS software) using Options contrast was performed in real time and low mechanical index macribable destruction protocol. This showed an absence of perfusion in the apex and distal septum while perfusion was preserved in the midseptum and midlateral wall (Figure 8). Repeat perfusion study 72 hours later showed in proved perfusion in all walls except the apex. The LV function had marginally improved in the interim.

DISCUSSION

Tako tuubo cardiomyopathy, also referred to as transient LV apical bolisoning, was initially described in Japanese patients,¹⁵ but has recently been recognized in Western literature, too.⁴⁶ In a Japamese multicenter report of 88 patients by Tsuchiahashi et al.⁵ the syndrome was moted to have the characteristic transient apical hallooming of the LV and absence of significant angiographic stemosis.⁵ They reported this conduction perdominantly in efdetty women. Emotional or physical stress was recognized as a triggering factor. 57-7 segment changes minicking acute respocability inforction are seen on electrocardiography, especially in leads V₃ to V₆.⁶

The exact mechanism of this condition is unknown. Initially, simultaneous multivessel coronary spasm was saggested as the causative factor.^{1,2} Although none of the studies have demonstrated







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Figure 6 Apical 4-chamber view in end specie showing head hypercontractility and apical ballooning (A) and 72 hears later demonstrating resolution of apical ballooning (B).



Figure 7 Performer eclocardiograms in end systole in apical 4-chamber view with large defect in apex and datal septam (aerees) (A) and showing minor apical perfonion defect after 72 hours (aerees) (B).

the perfusion defect within 72 hours after the first study.

The cause of this microwascular dysfunction is not very clear, but it is suggested that emotional





Figure 8 Another view of perfiniton schwardingerm in and syntole in agrical 4-chamber view with large defect in aper (arrwny) (A) and showing repeated perfusion cohecadiogram after 72 hours in agrical 4-chamber view with only small defect of ages (arrwny) (B).

or physical stress causes a release of catecholamines similar to the proposed mechanism in neurogenic stunied myocardiam. In rat models, stress has been shown to stimulate u- and lj-adrenoecceptors that causes activation of the pd/p42 mitogenactivated protein kinase leading to cell apoptosi.¹⁵ A catechol surge caused by physical or emotional stress could lead to microvascular disruption and metabolic changes without the significant macrovascular involvement as observed in Tako tubo cardiomyogathy.

Conclusions

This is the first detailed case report of a perfusion echocardiogram performed in this rare but increasingly recognized condition in the Western population. Perfusion echocardiogram gives us an insight about the possibility of microvascular dysfunction as the cause of this cardionyopathy.

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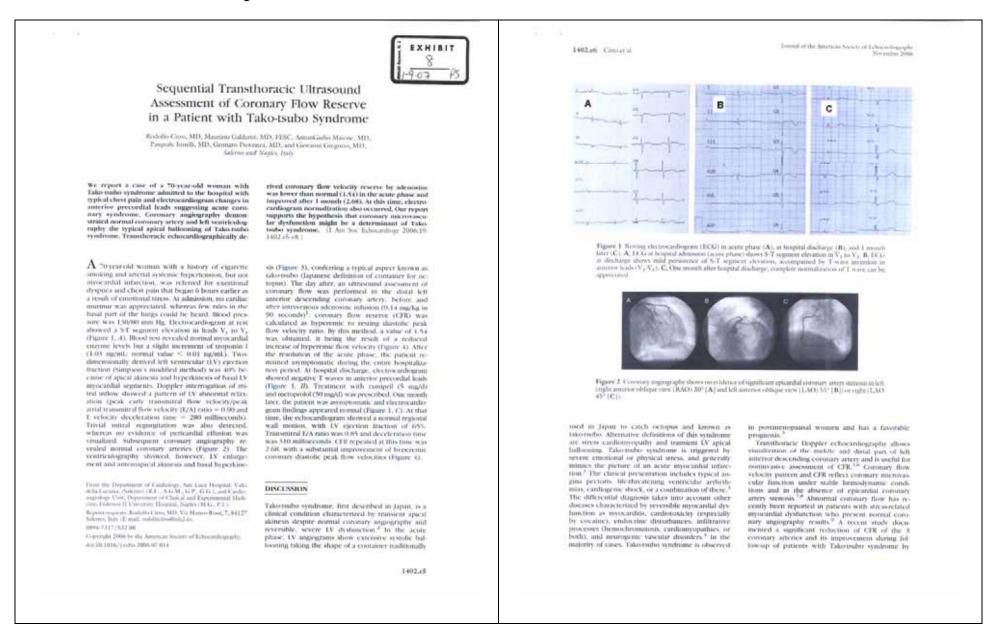
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Section 4. Public Testimony – January 9, 2007







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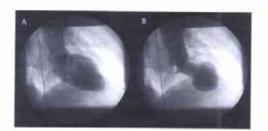
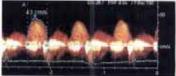
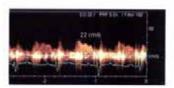


Figure 3.1.(9) ventical/graphy in right amonitor oblique view (RAO), end dianole (A) and cod soriole (B). Left returning (LV) indiqueid segments are adminic, solution LV band segments are hyperkinetic contenting typical append of Table today solutions.





CFR= 1.54





CFR= 2.68

Figure 4 floating and hyperenic eccesary flow by transitionasic Doppler achievable graphy of left instring discarding automaty array in active phase (164) and 1 month later (Jerton). Converge this velocity prime at rm (164) and after advantame infinition (right). Improvement of convergence (CRE(1000-1.54) or 2.68) can be observed. Improvement is in part caused by decrease of renovary discuspath flow velocity at rev (176) 22 conv(5) but show all be increase of Impreventing flow relaxity (14).49 cm/(5)

invative Doppler Bow wire.¹¹ In addition, the descrivation time of distolic velocities of all constance afteries was discreased in the first phase and increased during follow-up, thus, appearing as a particular sign in this syndrome. In our partner, transthoracic Doppler-derived CTH was abnormally reduced in previnity of the acute event whereas it appeared substantially improved after T isonitic. Although no apparent variation in the deceleration time of coronary vehicities was detectable between

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initial and predischarge tracings, we need to take intro account how the measurement of this paraneter is much more difficult and less reliable by using the transdomacie method than by using Dopher flow wire. However, also in our patient, the improvement of CFB paralleled the complete recovery of LV myscandial functions. Worthy of note, a previous experience inv cardiac metalodobenaylinianidine-enhanced invariant also showed reduced CFB and regional detects in such patients.¹¹ suggesting the presence of sympathetic addaeed dysfunction of coronary microscientiation.¹²

The origin of Tako-risabo syndrome remains unclear.² Several mechanisms have been proposed to explain transient apical akinesis including multivessel epicardial or microvascular spasin mediated by abnormal activation of adrenucepturs and vatecholamine-induced myocardial stranning.32 To our knowledge, our case report is the first to demonstrate a reduction of CEB in Tako-tsubo syndrome and its subsequent improvement parallelong the recovery of LV function by the sequential use of transhoracie Doppler ochocardiography. Our findings confirm the occurrence of severe microvascular damage and its reversibility, supporting the hypothesis that coronary microvascular dosfunction might have a hinge role in the pathogenesis of Tako-tsubosyndrome.

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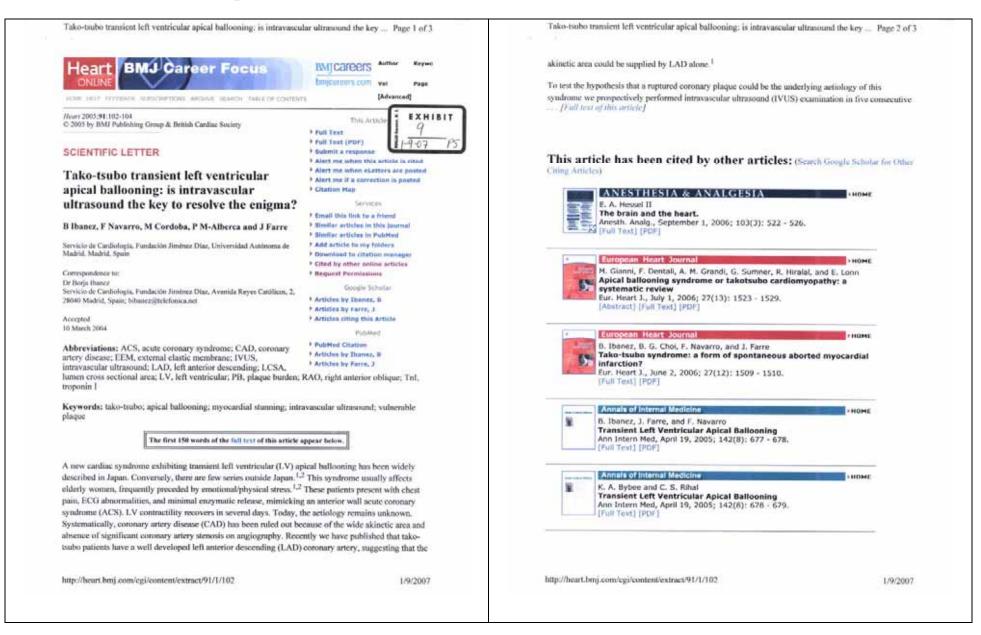
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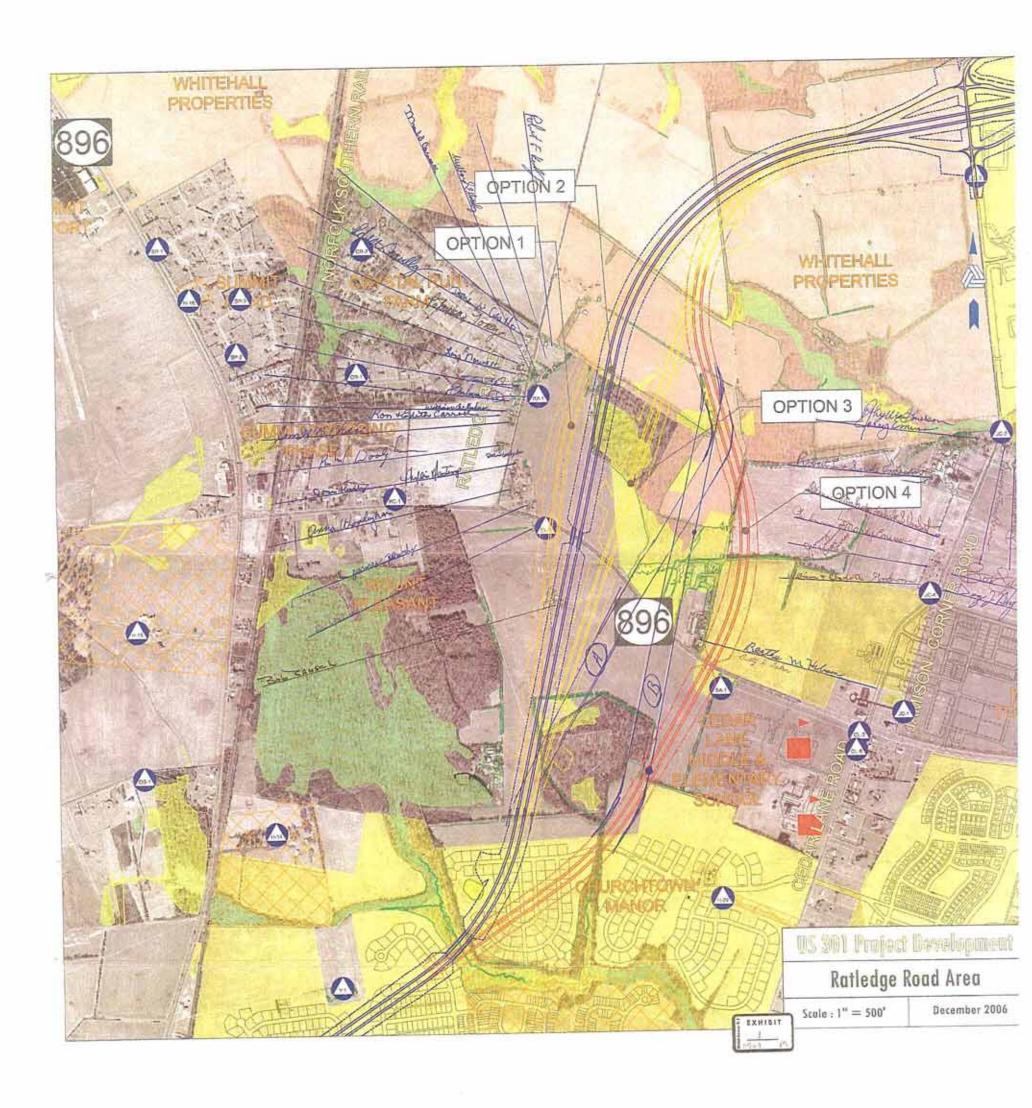
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	Tako-tsubo transient left ventricular apical ballooning: is intravascular ultrasound	the key Page 3 of 3
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	http://heart.bmj.com/cgi/content/extract/91/1/102	1/9/2007





1	List of Persons Providing Testimony Donald Cooke
	Robert McCoy
STATE OF DELAWARE	Paul Lower
DEPARTMENT OF TRANSPORTATION	Sandra Reddy
	Mark Lasko
	Betty Baker
IN RE: U.S. 301 PROJECT DEVELOPMENT	Tom Young
PUBLIC HEARING	Tom Young, Jr.
	Cindy Marando
	Linda Bonet
Middletown Fire Hall 27 West Green Street	Chip Irons
Middletown, Delaware	Peggy Thomas
	Nancy Leonard
Tuesday, January 9, 2007	Landon Carroll
4:00 p.m 10:00 p.m.	John McTaggart
	Brad Barrie
TRANSCRIPT OF PROCEEDINGS	
WILCOX & FETZER 1330 King Street - Wilmington, Delaware 19801 (302) 655-0477 www.wilfet.com	
1330 King Street - Wilmington, Delaware 19801 (302) 655-0477	



	2	Response to Donald Cooke
1	DONALD COOKE: I'm just concerned about the	Thank you for your statement.
2	spur. I'm from Chesapeake Meadow. I just would like to	
3	know how close to the development, Chesapeake Meadow	The alignment of the Spur Road was shifted to the west to accommodate the construction of the visual screening berm. The toe of the berm will be at least 100 feet
4	development, will the spur go, how close it will be.	from any property lines at the southern end of Chesapeake Meadow, where it will be the
5	It's my understanding that the state owns quite a bit of	closest.
6	property through there, and, if at all possible, I'm	
7	wondering if it could be moved further west if, in fact,	The proposed berm would be 11 feet high in this location; continuous safety fencing
8	the spur is approved, further west of Chesapeake Meadow,	will also be installed on both sides of the Spur Road to prevent pedestrian access to the highway.
9		B
10	there's a playground for the development right near the	Response to Robert McCoy
11	proposed highway, the spur.	Then I you for your statement
12	That's basically all. If at all possible,	Thank you for your statement.
13	just try to move that further out in the field as opposed	We appreciate the support of the Welfare Foundation and Whitehall Delaware, LLC, for
14	to being right next to the development.	the farmers in the Ratledge Road area. DelDOT has worked with the environmental
15	That's it.	resource agencies, the Army Corps of Engineers and the farmers, owners and neighbors
16	ROBERT McCOY: Let me just tell you what	in the Ratledge Road community to develop an alignment for this portion of the Preferred Alternative that will avoid and/or minimize, to the greatest extent possible,
17	I'm going to tell you first, and I don't know what words	impacts to active farmlands and minimize impacts to the wetland area.
18	you want to put it down in, but I work for the Welfare	
19	Foundation, and the Whitehall Delaware, LLC, that owns	DelDOT received the map proposing Option 4B, with signatures as noted, during the
20	approximately 2000 acres along the C & D Canal that's	Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of
21	referred to as the Whitehall property. And we do not	the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is
22	object to the 301 crossroad entering our property on the	committed to working with the environmental resource agencies, the Army Corps of
23	wetlands on the north side of the Mount Pleasant-Boyd's	Engineers and the farmers, owners and neighbors in the Ratledge Road community to
24	Corner Road. And we want to make sure that a good	develop an alignment for this portion of the Green North Alternative that will minimize, to the greatest extent possible, impacts to active farmlands and minimize impacts to the
		wetland area.
		To this end, representatives from the Ratledge Road/Jamison Corner neighborhood,
		Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware



decision is made and that the rights of farmers on either 1 side of this wetlands who have owned properties for many 2 generations are not trampled on as opposed to putting the 3 4 road on the wetlands. Because I think a number of the farmers believe that we have asked for the road to be put 5 on their land as opposed to ours, and that is just not 6 7 so 8 Thank you. PAUL LOWER: I don't understand why this 9 10 road has not been built a long time ago. I have been 11 going through this area since I was -- I have only lived here since '99, but I have been going through this area 12 since 1955, and I remember when the new Summit Bridge, 13 301 bridge, was built I think in the early '60s. And, of 14 course, there's traffic and the truck traffic. The 15 traffic through down this highway, through Middletown, is 16 17 horrible. I almost got hit a couple times. I was making a left turn, the arrow to make the left turn, and a 18 tractor-trailer started to pull through the light even 19 20 though he had the red light. So much truck traffic through here anymore. I saw the sign down there. 21 22 There's a lot of truck traffic uses 301 rather than I-95, 23 which is also a very congested corridor, and I saw this thing about 10 years, and in 10 years this is going to be 24

News Journal and the Project Team met in the field on January 30, 2007, to review the existing environment in the vicinity of the proposed options. Follow up meetings have been held to discuss ongoing concerns and design an alignment that would preserve the affected farm properties and homes while minimizing impacts to wetlands in the area.

As a result of the community's concerns and ongoing consultation, DelDOT is proposing the Option 4B Modified alignment as the preferred alignment of new US 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor from south of the Cedar Lane School complex to the boundary of the Whitehall properties, where it then curves to the east toward Jamison Corner Road. DelDOT is also proposing a minimization and mitigation package that will compensate for the increased impacts this alignment will cause to wetlands and forest, in coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD.

Response to Paul Lower

3

Thank you for your statement.

We anticipate completion of the FEIS in the fall of 2007. Following FHWA's issuance of the Record of Decision (ROD), engineering design and right-of-way acquisition is estimated to take up to four years (2008-2011), with construction following, beginning in 2012. Construction could take from four to 10 years to complete depending on funding.



4 1 out of date. 2 I guess that's my main concern. I hope this thing don't take 10 years to get built. Of course, 3 4 they have been fighting over where it's going to go for what, about a year or so now? Because you got all these 5 people, all these homes they built over here now that 6 weren't there years ago that were just farm ground. It 7 wasn't worth two cents and now the ground is worth a 8 fortune. Going to cost so much more to build it now than 9 10 what it would have cost to build it 20 years ago. In 11 fact, Dick Janney, Joann Armstrong's husband, who owns the Armstrong farm up here, he told me they was supposed 12 to build it about 15 years ago. I don't know what 13 happened to that. 14 **Response to Sandra Reddy** 15 I guess my main concern is get this thing done. Pick a plan, let's go with it, get it done. 16 Thank you for your statement. 17 I guess that's about it. DelDOT recognizes that the new roadway on its new alignment will have an adverse 18 SANDRA REDDY: I don't want 301 in my effect on some members of the community, including your neighbors. We appreciate backvard. As a member of Mid Farms Civic Association, we 19 your concern and your request to move the alignment to avoid impacts to properties in have had many meetings of these different routes of the 20 your neighborhood. We may not be able to accommodate all of these requests, but we highway. It's going to take out three of our neighbors: will evaluate your request, as well as others of a similar nature, during the next phase of 21 design for the project. The loss of active farmland and open space is an issue of 22 The Marandos, the Wrzburgs, and the Marsalis. And their concern to DelDOT as well. During the design phase, we will continue to work to lives will change forever. 23 minimize the impact of the roadway on the community, farmlands, and the natural 24 Also, I'm glad 301 is not directly in where environment.



5 they were originally going to make it. But they're 1 **Response to Sandra Reddy (continued):** taking away a lot of open space and farmland. So 2 basically what we're getting is just more cars and more 3 4 highways. And it's not really the growth. They just Planning for US 301 has continued off and on for many years, and, with the Spur Road, keep building homes down there and there's no -- it's not 5 the western portion of US 301 does follow the originally-recommended route for the new alignment near Midland Farms. going to stop. We're still going to be in gridlock, I 6 think. 7 DelDOT will be considering wildlife passages in the design of new US 301 to I wish 301 was closer to the original 301 8 accommodate the movement of wildlife; the locations of these passages will be finalized because of the habitat of like animals. And I wrote it 9 during final design. 10 down so I wouldn't forget. Basically I'm concerned about Finally, DelDOT obtained sufficient right-of-way when it purchased the property along 11 the habitat of all the animals back there. Like we do the ridge route to accommodate a pedestrian/bicycle pathway. Based on comments have deer, foxes. We do have some barn eagles. 12 received from members of the community, we will consider the accommodation of a Basically, if it was closer to 301, I don't think it 13 combined pedestrian/bicycle path in the design of the Spur Road. Additionally, during final design, stormwater management facilities may include swales and roadside would be as effective as putting it right through the 14 ditches, rather than ponds, thereby lessening the associated impacts. center of the farmland where it is designated. 15 16 Also, I feel like that could be made 17 into -- instead of a highway, a major highway, I think it could be made into like a bike route for the kids to get 18 safely to Appoquinimink High School. They could be like 19 20 walker trails there and bike trails instead of a major superhighway. If the berms are going to be built to 21 22 prevent the noise, they have to add lots of trees all 23 along the whole route. 24 That's basically it. They're going to put



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	a pond in someone's lot. So they're going to be taking an amount of farm. So they're going to have to pay higher taxes. So I think they should move that pond somewhere else. MARK LASKO: I'm very glad to see that the preferred route is the Green Flus Spur Route here in Middletown, Delaware. That protects a number of things I care about. Certain wetlands that are being protected, the Middletown Baptist Church, which I attend. I'm very thankful that's being done. Thankful for the help that we have gotten along the way from the 301 planning meeting and the people that are here. Appreciate it. I have enjoyed the process, and I'm looking forward to it being over, as I'm sure you are as well. That's it.	Response to Mark Lasko Thank you for your statement Response to Betty Baker
9	the Middletown Baptist Church, which I attend. I'm very	
9		
10	thankful that's being done. Thankful for the help that	
11	we have gotten along the way from the 301 planning	
12	meeting and the people that are here. Appreciate it. I	
13	have enjoyed the process, and I'm looking forward to it	
14	being over, as I'm sure you are as well.	Demonse to Detty Delien
15	That's it.	Response to betty baker
16	BETTY BAKER: For the Hobson family, we are	Thank you for your statement.
17	tired of people who have moved into these new	
18	developments complaining about the new road and noise	DelDOT received the map proposing Option 4B, with signatures as noted, during the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance
19	impact on their homes. They will still have their homes.	between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of
20	You are taking people's homes and land that have been	the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is
21	here for 30, 40, and 50 years or more. This is very	committed to working with the environmental resource agencies, the Army Corps of
22	unfair, because the new development is what is causing	Engineers and the farmers, owners and neighbors in the Ratledge Road community to develop an alignment for this portion of the Green North Alternative that will minimize,
23	all this traffic. You should have done this 40 years	to the greatest extent possible, impacts to active farmlands and minimize impacts to the
24	ago. It is impossible to do this now with all the new	wetland area.



7 homes in the area. You are causing the same problems in 1 this area that the majority of the people moving into 2 this area are moving away from 3 4 We chose the Green North Route, except move the Green North Route east into the land DP&L purchased 5 and through the land of Whitehall connecting to Boyd's 6 Corner Road. Green North Option 4B. This will miss most 7 of the Woolenyham family farm, move it away from the 8 school and 10 feet from the Hobson home and miss one of 9 10 the remaining dairy farms in Delaware, the Emersons. 11 Open land is very important to keep this area rural. Once the farmland is gone, there is no way 12 of getting it back. After all, most of the people moving 13 down in this area want the peaceful country setting. The 14 wetlands in this area are mostly man-made. When DP&L 15 bought the land, they dug out a road that blocked the 16 17 natural flow of the water. Our grandfather farmed that ground when we were children and well into the '70s. 18 Bertha Hobson Family, 657 Boyd's Corner 19 Road, Middletown, Delaware, 19709. 20 TOM YOUNG: I don't agree with the decision 21 22 of going with Brown North, and one of the big reasons is 23 that it's not -- the way it's coming in by St. George's Vo-tech in that area, it's bypassing our existing toll 24

Response to Betty Baker (continued):

To this end, representatives from the Ratledge Road/Jamison Corner neighborhood, Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and the Project Team met in the field on January 30, 2007, to review the existing environment in the vicinity of the proposed options. Follow up meetings have been held to discuss ongoing concerns and design an alignment that would preserve the affected farm properties and homes while minimizing impacts to wetlands in the area.

As a result of the community's concerns and ongoing consultation, DelDOT is proposing the Option 4B Modified alignment as the preferred alignment of new US 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor from south of the Cedar Lane School complex to the boundary of the Whitehall properties, where it then curves to the east toward Jamison Corner Road. DelDOT is also proposing a minimization and mitigation package that will compensate for the increased impacts this alignment will cause to wetlands and forest, in coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD.

Response to Tom Young:

Thank you for your statement.

The ability to collect tolls on new US 301 in the vicinity of the Maryland/ Delaware state line is integral to the overall tolling concept for the new US 301. Rather than passing vehicles through two toll plazas, the Green North Alternative brings traffic into SR 1 north of the Biddles Corner Toll Plaza. Another option under consideration at this time is the collection of tolls through Open Road Tolling (ORT), where collection is accomplished by reading an in-vehicle transponder (EZ-Pass) or by photographing license plates. In either case, the collection of tolls would not result in the creation of a new branch in DelDOT since toll collection is already consolidated within its own unit in DelDOT.



8 collection system. If we insist on making this a toll 1 road, we set -- we spent \$18 million to set Biddles 2 **Response to Tom Young (continued):** Corner up to handle this sort of volume, and to make a 3 4 duplicate effort is a high waste of state funds that were set up to do this. 5 We appreciate your preference for the Purple Alternative and the reasons you have for preferring it over the Green North Alternative. The reasons for DelDOT's 6 In addition, the idea that it's -- setting recommendation of Green North as the preferred alternative, and the reasons why the this up and not using the existing real estate of SR 1, 7 other alternatives were not recommended, are documented in Chapter V of the DEIS, in which I feel would be the optimum route for what they're 8 the public workshops and public hearings displays and handouts, and in Chapter II of doing and incorporate the toll collection system on the 9 the FEIS. 10 SR 1, I feel we would be creating extra personnel DelDOT does not intend to collect tolls twice on US 301 from vehicles using the 11 positions, extra jobs, and a whole additional branch of facility. Bypassing the existing SR toll plaza has always been included in the project. DelDOT just to handle -- if 301 were to be consolidated 12 DelDOT continues to explore funding options, in light of the shortfall in funding for into -- it could all be downsized into one program. 13 transportation projects. In addition, with the way the Purple goes, 14 I believe also that it's a shorter route than the Green, 15 DelDOT has considered the locations of existing and planned communities in the and the environmental impacts are very close to similar, 16 planning of the alignments of all of the alternatives. We agree that existing 17 and I think in the long-run in the 10-to-50-year plan, communities and the potential impacts to them are more important than those still in the planning stages. Consideration is also given to existing natural resources. running that route and using that existing infrastructure 18 will pay off in the long-run by not having the 19 duplication of the toll collection system. 20 21 Another fact to bring up is also that some of the area that the Green Route is coming through was 22 23 once listed as dedicated agricultural preserve and has been shifted off to build the St. George's Vo-tech. 24



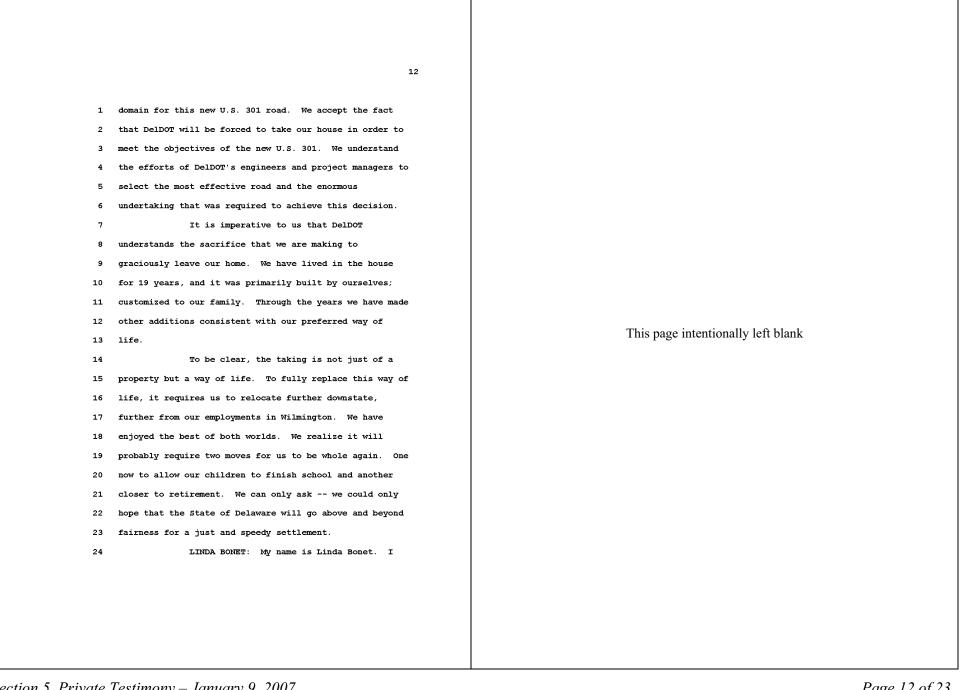


10 301 plan that was on the books with the bridge route and 1 basically following the road -- Boyd's Corner Road. The 2 Boyd's Corner Road going across there where that was 3 4 originally on record for where it would be -- that's where they should come out. Communities were planned and 5 built around that as a state plan that was in place and 6 now they're changing it and also giving preference to 7 communities that weren't built where someone could move 8 into a neighborhood and know, hey, this is where 301 is 9 10 going to be. Let's be fair. People who aren't there yet 11 knowing there's a highway coming in there have a -- it's more of a fair deal for them because they will know it's 12 **Response to Tom Young, Jr:** there versus as much of a surprise it was to me to find 13 Thank you for your statement. out that they were going to put the Green North Route up 14 there where it was all scheduled for either preserve or 15 The new US 301 is proposed as a toll facility; i.e., those who use the facility will pay for 16 planned community and open space the facility. Tolls are also collected as a means to contribute to the funding of the 17 That's it for me. roadway; i.e. used to pay off revenue bonds sold to fund the project. TOM YOUNG, JR.: I have to say with me 18 Local roadway connections will still be available, toll free, for local trips. being just an upcoming driver, I just got my blue slip. 19 I'm about ready to turn it in to DMV and all. If we get 20 that road, like my dad said, it's going to lead up to a 21 22 toll road, I may take that 301 and may lead up to the 23 toll road, and I'd say that that would really stink to just like have to pay that toll just to get to and from 24



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	<page-header><text><text><text><text><text></text></text></text></text></text></page-header>	Response to Cindy Marando: Thank you for your statement. Generally, right-of-way acquisition is anticipated to begin in fiscal year 2008, following the receipt of the Record of Decision (ROD) and the announcement of the Selected Alternative. In the case of hardship or protective buying, early acquisition will be accomplished following application and review of the request by the Department on a case-by-case basis. Future changes in property values along the new US 301 corridor cannot be predicted nor can the values associated with such changes be determined, because other factors along with the highway will influence those changes. DeIDDT will design the new US 301 to avoid or minimize the effects of the new highway on property values to the best extent possible.







13 live at 810 Woodline Drive, which is in Middletown 1 Village. My backyard faces Choptank Road, Route 15, and 2 I understand that the Green Route, which is preferable, 3 4 is going to be 600 feet from my backyard. And I am concerned about visual pollution, noise pollution, 5 **Response to Linda Bonet:** drainage, berm and vegetation, and as well as the other 6 Thank you for your statement. alternative routes that are available and the meeting 7 that just presented why they were not chosen. 8 The construction of an additional lane on existing US 301, between Peterson Road and My concern is that this isn't really going 9 Mount Pleasant, has been evaluated by the Project Team. The alignment would have to be designed to avoid three historic properties along the existing alignment, and potential 10 to solve the problem that we are trying to solve, which impacts to businesses and residences would be extraordinary. 11 is the truck traffic. And I would like consideration to be given to not doing 301 at all. Just the other 12 The installation of a toll collection facility on the existing US 301 roadway, with its projects like the 95, Christiana, rerouting they're doing 13 many access points, would not provide a reliable method of collection. over there. 14 15 But the real issue is the tolls. The trucks do not want to pay the tolls. They go on 301 to 16 17 avoid that. If we had a toll on 301, just a lane for trucks that would not allow them to pass, something that 18 would be height monitored that they had to be a certain 19 height, they would have to pay a toll. I think there's 20 more benefit to putting a toll in a place where they're 21 22 coming to take refuge of not having tolls. And then also the traffic issue will be secure. Just one lane just for 23 trucks and that toll somewhere on 301. There's enough 24



	14	
1	areas on 301 that we could do that. It would be far less	Response to Linda Bonet (continued)
2	expensive, less invasive, and probably less	The area to the west of Middletown Village is not anticipated to be disturbed for the
3	time-consuming as far as the project's time frame is	construction of the US 301 project.
4	concerned. This is going to be a 20-year project, from	
5	what I understand.	Visual and noise impacts for the residents of Middletown Village will be mitigated with
6	The other concern I have is the nature,	the provision of a visual earthen berm between Middletown Village and the new US 301 roadway. The berm will provide visual screening for the community, as well as provide
7	environmental issues. I would like either DNREC or I	a measure of noise reduction. The proposed earth berm is 2,000 feet long and 16 feet
8	don't know if the 301 project team or something to come	high. Final dimensions of the berm will be determined during the final design.
9	out to where I am in my particular spot. There have been	Construction of the earth berm will also eliminate noise impacts for western
10	bald eagles. There was one training two babies to fly	Middletown Village.
11	that we actual witnessed last spring. Early summer,	Landscaping will be determined during final design for the project, as will project
12	spring. I should have videotaped it. I didn't. And	lighting. Currently, lighting is only proposed for the roadway at interchanges and toll
13	there was box turtles in my driveway that were lost. I	plazas.
14	brought them to the pond which is right next to my house.	DelDOT will meet with those directly and indirectly affected by the project to review
15	There's always red foxes and deer in my backyard and the	the design plans and secure their imput.
16	surrounding area. There's a little forest. There's	
17	hunting that goes on back there. There's serious	
18	environmental things that's happening that I have never	
19	seen. Come out there to check. I have been there three	
20	years now.	
21	My other concern is the berm that they	
22	suggest that they will be putting up in order to reduce	
23	the noise. It has to be vegetation and forest in order	
24	to make a real impact. And I don't think that that's	



	15	
1	what they will do initially.	
2	And lights on the highway, they could shine	
3	into our homes. There's a whole row of homes there.	
4	And we would like to be involved as a	
5	community, Middletown Village. I know personally that	
6	the civic association that I belong to would also like to	
7	be involved in the design phase, if there is one,	
8	regarding the Green Route with this. It affects all of	Response to Chip Irons:
9	us directly.	
10	I think that's it. I know there's more,	See also the responses to Andye Daley's public testimony, January 8, 2007, in Section
11	but I can't think of anything.	1, pages 4-15.
12	CHIP IRONS: My comment or concern is	Thank you for your statement.
13	primarily with the Armstrong Corner intersection, and I	
14	understand Option 2A has been chosen, and I'd like to	We appreciate your preference for the different options in the Armstrong Corner Road
15	suggest Option 3 as a better alternative. Maybe this is	area and the reasons you have for preferring them for the Green North Alternative. The reasons for DelDOT's preference is documented in Chapter V of the DEIS and in
16	selfish. I'm not sure.	Chapter II of the FEIS.
17	I'm primarily looking at the fact that	•
18	instead of the Yellow Route overall, we're getting the	Local access to the Spur Road is not proposed in order to discourage increased
19	Green Route, which is twice as close to Fox Hunter	development west of US 301. Local traffic in southern Middletown is projected to use the spur, having only to pay the ramp toll (a small percentage of the overall toll) for
20	Crossing where I live. That's fine. I'm comfortable	access to and from the spur.
21	with that. But we should I think residents who live	
22	to the west should at least be able to use the new bypass	
23	and access it in a more or less convenient way.	
24	However, Option 2A interchange at Armstrong	



16 1 Corner Road, to access it, I'd have to from the west cross over the spur road and then cross the bypass, hit 2 the old 301 traffic light, wait for that light, take a 3 4 left, go a 10th of a mile, wait for another traffic light to take the left and then take a ramp to go north on the 5 bypass. Very inconvenient. I'm not sure how many extra 6 minutes that would be compared to Option 3 where 7 essentially the same thing coming from the west, I would 8 go across the spur road and then right there where the 9 10 bypass is, you'd have a left turn without a traffic light 11 and get on the north route and you're off and going. 12 So I'm not sure if it's a four-minute This page intentionally left blank difference, five-minute difference. It's hard to gauge. 13 But again, with this Green Route not being close enough 14 to Fox Hunter Crossing, it seems we should at least be 15 afforded the convenience of being able to reasonably well 16 17 access the bypass north at the Armstrong interchange. It seems that Option 2A and 3 both impact 18 wetlands. Option 3 I understand to the extent of 19 1.7 acres more than Option 2A. That is a significant 20 amount. So I'm hesitant because of that, but I also 21 22 understand that often wetlands can be relocated. I'm not 23 sure how easy that's done. 24 Also, I'm glad that Option 3 does not



17 impact the church as much as options 1 and 2. It's 1 slightly closer to the church, and I understand the 2 church would prefer it further away. But Option 3, 3 4 whichever leaves the church unimpacted. That's mainly it. I'd like to be able to 5 offer up Option 3 as a more convenient way for residents 6 to the west to take advantage of the bypass that's coming 7 closer to them. 8 There's one more thing. As a disadvantage 9 10 for Option 2A is the fact that it requires a wider bridge 11 over the existing U.S. 301 and, as I understand it from **Response to Peggy Thomas:** engineers down there, effectively an extra lane, and that 12 would be a significant cost, and that's a huge 13 Thank you for your statement. disadvantage for Option 2A. 14 DelDOT will continue to include directly or indirectly affected communities and the 15 That's it. public during the final design process. 16 PEGGY THOMAS: Basically, the community of 17 Summit Bridge Farms wants to remain a part of the planning process, the planning, the design process, as it 18 continues to move. Since the spur road for this project 19 directly impacts residents of Summit Bridge Farms, it's 20 important that we particularly have input into the design 21 22 process for this particular highway. 23 That's it. I just need to be on record as to say that we want to be involved going forward. 24



18 **Response to Nancy Leonard:** 1 NANCY LEONARD: Basically the same thing. Thank you for your statement. Except Leara Farms is the development that I'm concerned 2 about which is on the opposite side of the road from 3 DelDOT will continue to include directly or indirectly affected communities and the 4 Summit Bridge Road. We want to make sure that we are public during the final design process. continually notified about the process as it moves 5 **Response to Landon Carroll:** forward. 6 7 Nancy Leonard, 339 Jessica Drive, Leara Thank you for your statement. Farms, Middletown, 19709. 8 LANDON CARROLL: When I ride the combine 9 DelDOT received the map proposing Option 4B, with signatures as noted, during the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance 10 with Dicky -- I like farming and I ride with him on a between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of 11 combine and how it's so fun, and I would hate to see the the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is farm go away because this big road is going there. And 12 committed to working with the environmental resource agencies, the Army Corps of Engineers and the farmers, owners and neighbors in the Ratledge Road community to then with all the tolls, all the cars probably wouldn't 13 develop an alignment for this portion of the Green North Alternative that will minimize, go because of being a toll road. And for the trucks, 14 to the greatest extent possible, impacts to active farmlands and minimize impacts to the they probably wouldn't like it because it would have a 15 wetland area. 16 weigh station Now I won't like it if that road gets built 17 To this end, representatives from the Ratledge Road/Jamison Corner neighborhood, Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and the and I'm still there -- where I'm living now, it's going 18 Project Team met in the field on January 30, 2007, to review the existing environment 19 right behind my house, and when I play, I go outside with in the vicinity of the proposed options. Follow up meetings have been held to discuss my dad and then I play ball and it's going to be a huge 20 ongoing concerns and design an alignment that would preserve the affected farm dirt pile where I'm looking at and I can hear all the properties and homes while minimizing impacts to wetlands in the area. 21 22 stuff and I can't even talk to my dad when I'm playing. As a result of the community's concerns and ongoing consultation, DelDOT is 23 Now there's like 70 mile tractor-trailers coming right proposing the Option 4B Modified alignment as the preferred alignment of new US 301 24 over that dirt pile because you never know that one of in this area. Option 4B Modified essentially is aligned on the DP&L corridor from south of the Cedar Lane School complex to the boundary of the .





20 **Response to John McTaggart (continued)** overloaded already and that's the reason that they wanted 1 The Spur Road was added because: to take the traffic over to the new St. George's Bridge. 2 (1) it balances the available capacities of the Summit Bridge, SR 1 bridge and St. Georges Bridge I'm not sure what the name is. 3 crossings of the C&D Canal; (2) its addition provided flexibility in addressing the sharp curve and signal at the base of Summit 4 It seems like we're inviting out of state Bridge at the intersection of SR 896, US 301, and SR 15; and traffic to get to not use the 301 intention of removing 5 (3) it will accommodate the 35% of through traffic that was identified in the Origin & Destination the traffic and we're bringing more through the 6 Survey, and confirmed by traffic projections, as desiring to access points directly north, while the US 301 mainline will accommodate the 65% of through traffic wishing to access I-95 and points residential communities, impacting my community, which is 7 to the northeast. Mid Farms. It's taking half of us and it's dividing us 8 into four quarters of a community instead of -- we're 9 DelDOT will continue to consider the feasibility of adding a greenway trail adjacent to the east 10 only a community of about 10 lots and we're going to be side of the Spur Road. Changes to the typical section of the Spur Road, such as an adjustment 11 sectioned off into quarters. And then some of our of the width of the median or reduced clearances could be evaluated to provide some additional neighbors, which aren't exactly called Mid Farms, their outside width and include the proposed trail within the right-of-way without additional property 12 acquisition. homes are being taken. We think that this would -- I 13 think it's an opportunity -- would be an opportunity to 14 maybe being -- all this land is being disturbed in the 15 area, to maybe give back this property as parkland or 16 17 something. And I've thought about -- in my opinion, what would be best would be if they made some kind of park 18 where people who are impacted could have a place to go, 19 20 take their kids. We have approved parkland north of the bridge, but there's no real parkland in our area. I 21 22 think it would be nice that as much open space that's being taken from this whole project, if they were to make 23 it some way that it was almost -- that people could even 24

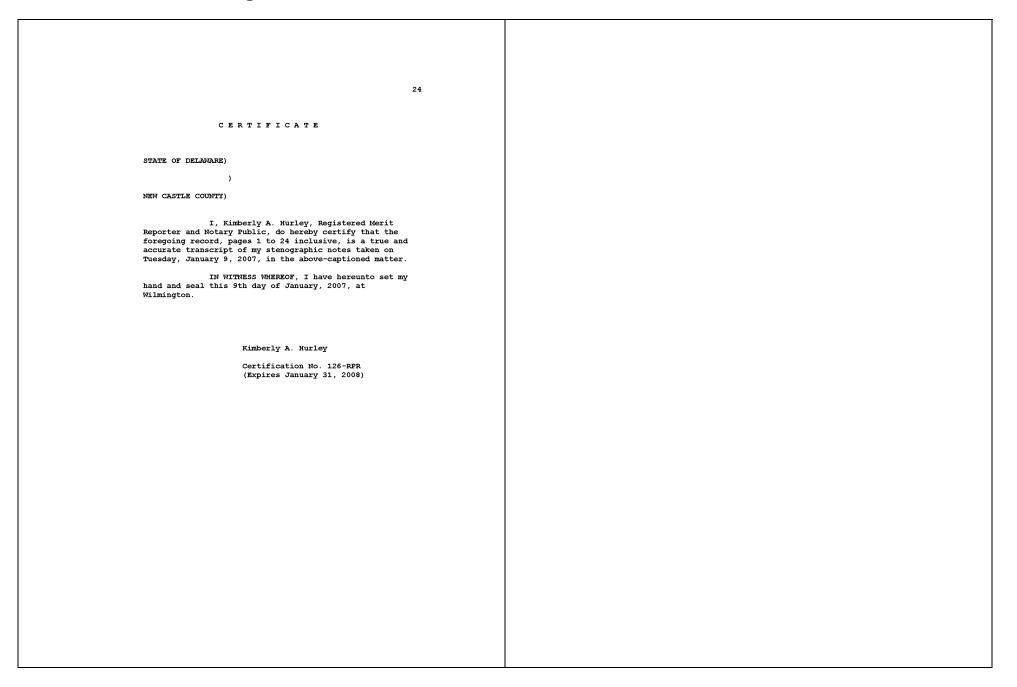


	21		22
1	bring their horses, maybe ride some trails or do stuff	1	the highway and still tying up the roads that are near
2	with their equestrians in this area because this tract of	2	the residences.
3	land we're talking about isn't super wide, but it would	3	I guess that's about it. I didn't really
4	be a place where they could put horse trails in and maybe	4	prepare anything. I wanted to say that I hope they
5	a track and a playground for kids.	5	reconsider not putting the spur in. I understand the
6	Out in front of my home they would	6	scope of the project and that our roads do need to be
7	actually if they had put the road through, they would	7	upgraded, but with the addition of how large Choptank
8	actually be closing the road in front of my house because	8	Road's going to be made, at that point them roads are
9	the highway would be going through. The state owns both	9	only going to be less than 2,000 feet apart. I think
10	sides of that property. Even if they still closed the	10	that we're only inviting more people not to use the
11	road, it would also make it a park that is accessible for	11	highway and maybe at this time they could give back and
12	people, but off of it would be easier to access	12	make some nice county parkland or state parkland. I
13	because it would be off the major beaten path.	13	don't know if the state does parkland or not. But maybe
14	We just don't understand how why this	14	make some state parkland or county parkland or maybe even
15	spur got added, and it seems some people say it should	15	do something different being it is in a rural area where
16	be dropped, some people say it can't be dropped, and in	16	people could do larger outdoor activities like horseback
17	reality it seems to me that it's just adding more traffic	17	riding, walking trails, and then have a park for kids.
18	into the residential communities and uprooting a bunch of	18	I have a little daughter loves going to the
19	communities, going through a couple of extra communities.	19	park. I'd like to see more of that than a road that
20	They're looking to taking some of the traffic off the	20	would just invite more people through our residences.
21	main highway, but that was believed to be the intent of	21	And not divide. Our subdivision is being ripped into
22	the highway is to get the traffic onto it so that people	22	fours with this existing plan with the spur.
23	who were passing through use the main highway to pass	23	Thank you.
24	through and not give them other alternatives getting off	24	BRAD BARRIE: I'm a resident of Middletown



	23	
1	Village, and we just approved a lot of items that were	Response to Brad Barrie:
2	just discussed publicly out front, and I agree with all	
3	these items.	Thank you for your statement.
4	The main thing I really want to say is that	Please see the responses to Susan Love's Public Testimony, January 9, 2007.
5	any construction that's to be done, we just need to	
6	protect all the residents that live there now with berms,	DelDOT has committed to minimizing impacts to resident surrounding the proposed US
7	sound barriers, shrubs, and to keep the lights down for	301 through the installation of visual screening berms that will also provide a measure of noise reduction. The berms are anticipated to be landscaped. Landscaping will be
8	noise pollution because the residents that have been	determined during final design, as will lighting, which is proposed in areas of safety
9	there already this is why I don't talk in public.	concern and for interchange and toll areas only.
10	Basically I'm just concerned about noise	
11	pollution, planting berms, which is what I already said.	
12	And the shrubbery. Make sure there's new trees planted	
13	so the visual impact is not so great on the residents.	
14	And keep it as low elevation as possible.	
15	That's about all I can think about saying.	
16	(The public hearing was adjourned at	
17	10:00 p.m.)	
18		
19		
20		
21		
22		
23		
24		







US 301 Project Development - Public Hearing Comment Form - January 8 & 9, 2 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION US ARMY CORPS OF ENGINEERS OUESTIONS AND/OR COMMENTS US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday January 8, 2007 & Tuesday January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall	Response to Clarence Johnson:
comment or inquire about the following view internet in the Dec-	Thank you for your comment.
Please ADD my/our name(s) to the Mailing List Please DELETE my/our name(s) from the Mailing List four comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project. DPTIONAL:Please provide your information:	



<section-header><section-header><section-header></section-header></section-header></section-header>	Response to Molly Smith: Thank you for your comments. We will consider your request based on the guidelines for roadway design. All properties within noise-sensitive areas were analyzed for noise impacts. Mitigation was evaluated according to DelDOT's Transportation Noise Policy, which is detailed in the DEIS on page III-82 (Section III.D.2.b). Unfortunately, your property does not meet the criteria for noise abatement. A visual screening berm, which would provide a measure of noise impact relief, was not considered for your property because of right-of-way constraints, highway elevation and/or cost constraints. Changes in drainage designs/stormwater management that will be detailed during final design may affect your property beyond that which is currently envisioned. DelDOT will continue to coordinate with you during the final design process.
Your comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportaton project.	
OPTIONAL:Please provide your information: Nome: Molly Smith Junity/Organization: Midland Tewms Civic Association Address: <u>AZZ Armstrung Corner Rel Middlutation DE 19769</u> Phone 866-485-9988 (toll-free) Fax 302-739-2217 Email dot-public-relations@statedeus www.us301.org	
ion 6. Written Comments received at the Public Hearing – January 9, 20	07 Page 2 of 28



DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY AUMINISTRATION US ARMY CORPS OF ENGINEERS QUESTIONS AND/OR COMMENTS	
US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday January 8, 2007 & Tuesday January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall	Response to John Bentley: Thank you for your comments.
comment or inquire about the following ojet:	 DelDOT received the map proposing Option 4B, with signatures as noted, during the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is committed to working with the environmental resource agencies, the Army Corps of Engineers and the farmers, owners and neighbors in the Ratledge Road community to develop an alignment for this portion of the Greer North Alternative that will minimize, to the greatest extent possible, impacts to active farmlands and minimize impacts to the wetland area. To this end, representatives from the Ratledge Road/Jamison Corner neighborhood. Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and the Project Team met in the field on January 30, 2007, to review the existing environment in the vicinity of the proposed options. Follow up meetings have beer held to discuss ongoing concerns and design an alignment that would preserve the affected farm properties and homes while minimizing impacts to wetlands in the area. As a result of the community's concerns and ongoing consultation, DelDOT is proposing the Option 4B Modified alignment as the preferred alignment of new US 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor from south of the Cedar Lane School complex to the boundary of the Whitehall
JOHN P. PRENILEY mity/Organization: MIODLETORIN BAPROT CHURCH 5: 2225 CARRAVEL DR.; BEARZ, DÉ 19701	properties, where it then curves to the east toward Jamison Corner Road. DelDOT is also proposing a minimization and mitigation package that will compensate for the increased impacts this alignment will cause to wetlands and forest, in coordination with the resource agencies. The option and commitments in the



US 301 Project Development - Public Hearing Comment Form - January 8 & 9,2 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL managements Ratium US ARMY CORPS OF ENGINEERS	
QUESTIONS AND/OR COMMENTS	
US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday January 8, 2007 & Tuesday January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall	Response To Kamal Daltano: Thank you for your comment.
omment or inquire about the following	
Alternetive with Armstrong Corner Rd option 2A Alternetive with Armstrong Corner Rd option 2A & Summit Bridge option 3B. & Support Stop alternative because it seems a provide the most logical North/South routing & alignment for Rt 30) & provides easy access to Rt 1 & I-95 Monthbound. In addiction it areads Impacting a lot of pre- existing housing, what saves money in eminest domain taking. I also thisle it allows for easy access to the proposed soft Ren Builder Pork	
Please ADD my/our name(s) to the Mailing List Please ADD my/our name(s) to the Mailing List Your comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain,	
Nour comments and opinions are very important. All information provided on this form will be carefully considered by DeUOL. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project. OPTIONAL:Please provide your information: Nome: 15 Amal Dellance (unity/Organization: Address: 16 Histadam calco Blood Kilming the Dellance Address: 16 Histadam calco Blood Kilming the Dellance	
Phone 866-485-9988 (toll-free) Fax 302-739-2217 Email dot-public-relations@state.de.us www.us301.org	
ion 6. Written Comments received at the Public Hearing – January 9, 20	07 Page 4 d



US 301 Project Development - Public Hearing Comment Form - January 8 & 9,2 DELAWARE DEPARTMENT OF TRANSPORTATION HOERAL INFORMATION IS ARMY CORPS OF ENGINEERS DUESTIONS AND/OR COMMENTS US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday January 8, 2007 & Tuesday January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall onment or inquire about the following: 10:00 PM/Conclusion Middletown Fire Hall 10:00 PM/Conclusion Middletown Fire Hall 10:00 PM/Conclusion 10:00 PM/Conclusion Middletown Fire Hall 10:00 PM/Conclusion 10:00 PM/Con	 Comment of Edith Chas (copied for legibility): I have attended several meetings and it seems that DelDOT has recommended the Green Route where I am located at the end of the lane on the Rausch Farm. My husband built our home and I have been here 54 years. He passed away 6 years ago. I would think that if the route was moved a little further east towards Boyds Corner it would not involve the Rausch Farm House my home and it could crossover Boyds Corner Road go through a wooded area and not disturb the Wooleyhan property. This route would save the state a considerable amount of money and not have to give up valuable farm land which we so desperately need. Response to Edith Chas: DelDOT received the map proposing Option 4B, with signatures as noted, during the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance between Boyds Corner Road and Jamison Corner Road approximately
that the bot has recommended the Shew Route where I are losated at the end of the lane on the Raused Farm - My Surland Smith away byear ago. Swared thick the prind away byear ago. I want thick the prind away byear ago. I want thick the prind away by and more a little function East towards Bayer Corner it want not involve the Raused Farm House My home and it caned cross one Bayer Corner Ph Go though a wooded area and not destude the Usally far property This south want destude the Go ching a mount of though and not have to give up isheall farm land which we so dispately Head These Schar	 1,500 feet east of the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is committed to working with the environmental resource agencies, the Army Corps of Engineers and the farmers, owners and neighbors in the Ratledge Road community to develop an alignment for this portion of the Green North Alternative that will minimize, to the greatest extent possible, impacts to active farmlands and minimize impacts to the wetland area. To this end, representatives from the Ratledge Road/Jamison Corner neighborhood, Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and the Project Team met in the field on January 30, 2007, to review the existing environment in the vicinity of the proposed options. Follow up meetings have been held to discuss ongoing concerns and design an alignment that would preserve the affected farm properties and homes while minimizing impacts to wetlands in the area.
Please ADD my/our name(s) to the Mailing List Please DELETE my/our name(s) from the Mailing List Your comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project. OPTIONAL:Please provide your information: Name: Junity/Organization: Address: Phone 866-485-9988 (toll-free) Fax 302-739-2217 Email dot-public-relations@state.de.us www.us301.org	 As a result of the community's concerns and ongoing consultation, DelDOT is proposing the Option 4B Modified alignment as the preferred alignment of new US 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor from south of the Cedar Lane School complex to the boundary of the Whitehall properties, where it then curves to the east toward Jamison Corner Road. DelDOT is also proposing a minimization and mitigation package that will compensate for the increased impacts this alignment will cause to wetlands and forest, in coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD. The alignment of Option 4B Modified will not take your home.



US 301 Project Development - Public Hearing Comment Torm - January & 8.9.9 DEMARA DEPARTMENT OF TRANSPORTATION US DEMARA DEPARTMENT OF TRANSPORTATION US ADD VOLTON A DEPARTMENT OF TRANSPORTATION A 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday January 8, 2007 & Tuesday January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall Monte of Insolar And South of Canal South of Concentration South of Concentration South of Canal South of Concentration	Response to Joan and Pete Lisinski: Thank you for your comment. We anticipate completion of the FEIS in the fall of 2007. Following FHWA's issuance of the Record of Decision (ROD), engineering design and right-of-way acquisition is estimated to take up to four years (2008-2011), with construction following, beginning in 2012. Construction could take from four to 10 years to complete depending on funding.
Please ADD my/our name(s) to the Mailing List Please DELETE my/our name(s) from the Mailing List Your comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project.	
And in requested, a copy of it must be provided to the media of public. Mark you for you participation and contributions to an important damper dam project. OPTIONAL-Please provide your information: Name: JOAN A ETC LISINSKI 1/9/07 318 - 32000 Number: JOAN A ETC LISI	
tion 6. Written Comments received at the Public Hearing – January 9, 20	007 Page 6 of 28



US 301 Project Development - Public Hearing Comment Form - January 8 & 9,4 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL INGINIARIA LUMINIATIRATION US ARMY CORPS OF ENGINEERS QUESTIONS AND/OR COMMENTS	
US 301 Delaware-Maryland Line to \$81, South of C&D Canal Combined location-Design Public Hearing 9, 2007 400 PM to 10-00 PM/Conclusion Middletown Fire Hall	Response to Eric Spencer: Thank you for your comment. DelDOT is currently in the design phase of planned improvements in this area (lamison Corner Road reconstruction, Route 412A realignment, Lorewood Grove Road reconstruction) that are included in the Capital Transportation Plan (refer to DEIS, Chapter I, Section C.5.g.). These plans may include widening the roadway to two 12-foot lanes with 8 foot shoulders and a multi-use path. Suggestions have also been made by several of Airmont's residents to improve the intersection of Hyetts Corner Road, Jameson Corner Road, and Lorewood Grove Road. 207



US 301 Project Development - Public Hearing Comment Form - January 8 & 9,2 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL INTERNATE AUMINITY TRATION US ARMY CORPS OF ENGINEERS OUESTIONS AND/OR COMMENTS US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday January 8, 2007 & Tuesday January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall	Response To Mark Washington: Thank you for your comment.
comment or inquire about the following THE Green Houre ESE ORTION THE Green Houre ESE ORTION THE Shar IS A Broken For Houre As I were consist to an operative the formation of the second construction of the second construction of the second construction of the second of the media or public. There were important transportable project. If IS EVEN WEEDO AFTER THE MANN ADAD IS Constructed of the media or public. There B96 IS ADECONFEE TO HAWDLES THE TRAFFIC TRAFFIC <	 We anticipate completion of the FEIS in the fall of 2007. Following FHWA's issuance of the Record of Decision (ROD), engineering design and right-of-way acquisition is estimated to take up to four years (2008-2011), with construction following, beginning in 2012. Construction could take from four to 10 years to complete depending on funding. Whether new US 301 is constructed in segments or in its entirety, the sequence of construction and the schedule for construction will be determined as the availability of funding is firmed up. As the design phase proceeds, DelDOT will maintain as many options as possible for the construction. Once funding issues are resolved, the Department will announce the approach to building new US 301.

Section 6. Written Comments received at the Public Hearing – January 9, 2007



US 301 Project Development - Public Hearing Comment Form - January 8 & 9,5 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION US ARMY CORPS OF ENGINEERS OUESTIONS AND/OR COMMENTS US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday January 8, 2007 & Tuesday January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall	Response to Robert Welch: Thank you for your comment. Suggestions have been received from impacted property owners on both sides of
comment or inquire about the following by DELDOT + the pro. Jean Sectors to meet all needs for the area. It would use meet to move the lower priton of the green option a bit for the away from Middle baon Village.	new US 301, requesting DelDOT look at moving the alignment to avoid their specific property. Clearly, both sides cannot be accommodated. The roadway has been shifted from the Middletown Village community to provide the distance needed to construct a visual berm for the community. During final design, DelDOT will review the alignment in this location and evaluate the potential to further lower impacts to Middletown Village.
Image: Second	
Your comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project.	
OPTIONAL:Please provide your information: Proceeding of the second state of the secon	
www.us301.org	

Section 6. Written Comments received at the Public Hearing – January 9, 2007



US 301 Project Development - Public Hearing Comment Form - January 8 & 9,2 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL INFORMAT ADMINISTRATION	Response to Betty Baker:
US ARMY CORPS OF ENGINEERS	Thank you for your comment.
QUESTIONS AND/OR COMMENTS	DelDOT received the map proposing Option 4B, with signatures as noted, during the Public
US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday, January 8, 2007 & Tuesday, January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall	Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is committed to working with the environmental resource agencies, the Army Corps of Engineers and the farmers, owners and neighbors in the Ratledge Road community to develop an alignment for this portion of the Green North Alternative that will minimize, to the greatest extent possible impacts to active farmlands and minimize impacts to the wetland area.
- No- because take to many	
una w casing Purple - No - to close to schools and to confusing joining into # SRI. Shein - fouth - No - to close to schools and impact a dairy form Shein - North option 4B - Yes if has to be dance	To this end, representatives from the Ratledge Road/Jamison Corner neighborhood, Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and the Project Team met in the field on January 30, 2007, to review the existing environment in the vicinity of the proposed options. Follow up meetings have been held to discuss ongoing concerns and design an alignment that would preserve the affected farm properties and homes while minimizing impacts to wetlands in the area.
does not impact the two forms - take some of Whitchall because this rock helps them, but no Green Spar - that would save money for Delawarean because, that would benefit only though traffici, lise existing \$96 and keep it mountained.	As a result of the community's concerns and ongoing consultation, DelDOT is proposing the Option 4B Modified alignment as the preferred alignment of new US 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor from south of the Cedar Lane School complex to the boundary of the Whitehall properties, where it then curves to the east toward Jamison Corner Road. DelDOT is also proposing a minimization and mitigation package that will compensate for the increased impacts this alignment will cause to wetlands and forest, in coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD.
Please ADD my/our name(s) to the Mailing List Please DELETE my/our name(s) from the Mailing List	The need for the Spur Road has been demonstrated by the traffic projections, which indicate more than twice as much traffic (14,500 vehicles per day (vpd) versus 6,200 vpd) on SR 15 (Choptank Road, north of Churchtown Road) and more than 30% more traffic (37,200 vpd versus 27,900 vpd) on US 301/SR 896 without the Spur Road. The option to improve US 301/SR 896 from the Armstrong Corner Road Interchange to Summit Bridge and using this improved facility as the "spur" was evaluated briefly by the project team during the alternatives development process but was not presented at a public workshop. This option
Your comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project.	was not presented because of its inability to reduce traffic congestion, improve safety and
and it requested, a copy of it must be provided to the media or public. Inank you for your participation and contributions to this important dansportation project. OPTIONAL: Please provide your information: Nome: <u>Betty Baker</u> munity/Organization: <u>Mother Lives 657 Bayos Corner Pd. Middle town</u> Address: <u>377 Scotland Pd. Quaryouth</u> , Pd. De 19769	manage truck traffic when compared to the Spur Road on the ridge alignment. This alternative was evaluated in greater detail as a result of continuing coordination efforts with the Middletown Corridor Coalition. However, the additional effort has led to the same conclusion, i.e., the Green North plus the Spur Road is still preferred over the Green North Alternative without the Spur but with improvements to existing US 301.
Phone 866-485-9988 (toll-free) Fax 302-739-2217 Email dot-public-relations@state.de.us www.us301.org	



US 301 Project Development - Public Hearing Comment Form - January 8 & 9,5 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL INGUINAL AUMINICATION US ARMY GORPS OF ENGINEERS OUESTIONS AND/OR COMMENTS	
US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday January 8, 2007 & Tuesday January 9, 2007 A:00 PM to 10:00 PM/Conclusion Middletown Fire Hall	 Response to Bertha Hobson: Thank you for your comment. DelDOT received the map proposing Option 4B, with signatures as noted, during the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is committed to working with the environmental resource agencies, the Army Corps of Engineers and the farmers, owners and neighbors in the Ratledge Road community to develop an alignment for this portion of the Green North Alternative that will minimize, to the greatest extent possible, impacts to active farmlands and minimize impacts to the wetland area. To this end, representatives from the Ratledge Road/Jamison Corner neighborhood, Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and the Project Team met in the field on January 30, 2007, to review the existing environment in the vicinity of the proposed options. Follow up meetings have been held to discuss ongoing concerns and design an alignment that would preserve the
Please ADD my/our name(s) to the Mailing List Please DELETE my/our name(s) from the Mailing List Your comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project. OPTIONAL:Please provide your information: Hotson .nunity/Organization: Hotson .nunity/Organization: Hotson .nunity/Organization: Marce .must be stated state and the state st	affected farm properties and homes while minimizing impacts to wetlands in the area. As a result of the community's concerns and ongoing consultation, DelDOT is proposing the Option 4B Modified alignment as the preferred alignment of new US 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor from south of the Cedar Lane School complex to the boundary of the Whitehall properties, where it then curves to the east toward Jamison Corner Road. DelDOT is also proposing a minimization and mitigation package that will compensate for the increased impacts this alignment will cause to wetlands and forest, in coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD. 07 Page 11 of 28



DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL INCLUME ADMINISTRATION US ARMY CORPS OF ENGINEERS		
QUESTIONS AND/OR COMMENTS		
US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday January 8, 2007 & Tuesday January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall mement or inquire about the following: 	Response: Thank you for your comment.	
Please ADD my/our name(s) to the Mailing List Please DELETE my/our name(s) from the Mailing List Your comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportaton project. PTIONAL:Please provide your information:		



US 301 Project Development - Public Hearing Comment Form - January 8 & 9,20 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL US ARMY CORPS OF ENGINEERS	
QUESTIONS AND/OR COMMENTS	
US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday January 8, 2007 & Tuesday January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall	Response to Nick Tramonti-Bonet:
	Thank you for your comment.
<u>UNAS CASEN ANNTI VILLOW CAUSES MY EDINIES THINK A</u>	(See also the responses to Susan Love, Public Testimony, January 9, 2007.)
EMALENMENTAL IMPERTS CONSIDERED? THE VEW CONSTITUTION WOULD BE THEING PLACE FOOD ST SEDM MY HOUSE, WHILH ALSO MEANS IT WOULD BE PARING PLACE AT LEAST GO ST ROOM A BRD ZARGE FRIGHLY, WHILE THEIR ENT NESTING CONTRON IS NOT KNOWN, AT GAST TO ME, FREY SERIE SERTED IN THE AREA NOT TO MENTION ATC THE DEER, RUSES, RABBETS AND VARIETIES OF BIRD RANGING FROM CARDINALS TO GREAT BLUE HERONS, I'M ALSO KONCERTED ABOUT NOISE BULLTION, BEING CULY	The reasons for DelDOT's recommendation of Green North as the preferred alternative, and the reasons why the other alternatives were not recommended, are documented in Chapter V of the DEIS, in the public workshops and public hearings displays and handouts, and in Chapter II of the FEIS.
10 GAME TOLE PROVIDE HOW ELECTIVE A BALM WILL BE, BEING WE GET (*) CT AWBY, I ROUT KARN HOW ELECTIVE A BALM WILL BE, BEINGE WE GET WAS USY TO FARE FROM CAR HOME & CHE AUXILIATE RESULTS. THIS IS ALL NOT BO MENTON WE USUAL POLLOPOLY STRAMWCE FROM LIGHTS FROM BOTH STREET CAMPS AND MOTOR VEHICLESS.	We have two recorded sightings of bald eagle nesting sites in the project area. Although the bald eagle was recently removed from the federal endangered species list, both of these sites remain protected under federal regulations such as the Migratory Bird Treaty Act and the USFWS Bald and Golden Eagle Protection Act. The US 301 project will provide buffers and potentially time-of-year restrictions to protect nesting eagles.
Please ADD my/our name(s) to the Mailing List Please DELETE my/our name(s) from the Mailing List	A 16-foot by 2,000-foot visual earth berm is proposed to screen the residences adjacent to US 301 from the roadway; this should shield residences from vehicle headlights. There will also be a benefit in noise reduction from the visual berm. Existing noise levels are 45 dBA, measured at a location at 828 Woodline Drive in your community; noise levels are predicted to be elevated to 57 dBA upon
Your comments and opinions are very important. All information provided on this form will be carefully considered by DeIDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project.	construction for the Green Alternative. The visual berm may provide up to 5 dBA reduction in noise.
OPTIONAL:Please provide your information: Name: Dick TeleMonth-CONET Junity/Organization: Mind colspan Junity/Organization: Mind colspan Junity/Organization: Mind colspan Address: Stop Phone 866-485-9988 (toll-free) Fax 302-739-2217 Email dot-public-relations@state.de.us www.us301.org	The highway is not proposed to be fully lighted; lighting is proposed only at interchanges and toll plazas and in areas of safety concern. Highway lighting can also be shielded from nearby residences. Lighting will be determined during final design.



US 301 Project Development - Public Hearing Comment Form - January 8 & 9,2 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL INDIVINI AUMINICIALIUN US ARMY CORPS OF ENGINEERS OUESTIONS AND/OR COMMENTS US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday January 8, 2007 & Tuesday January 9, 2007 4:00 PM to 10:00 PM/Conclusion	Response to Dave and Donna Singleton:	
Middletown Fire Holl <u>see_looking_focw</u> <u>the bypass_acous</u> <u>Middletum</u> <u>ine_orene invite (iouriti - Courre) secus vosi - intercourg</u> <u>orene invite accession intercourg</u> <u>the toll - You have now explained the toll in more depthe. The toll secus <u>the toll - You have now explained the toll in more depthe. The toll secus <u>pec day -shops kids sports, restaurants, etc.</u> As long as we still have <u>access to Middletown outside of the new route - Mest will be happy</u> <u>we will use the new route (bypass of Middletown for heading to toute)</u> <u>work everyday, and we will be happy that we can get to Middletown</u> <u>vithout dualing we actiside traffic We cant wait. Hurny Up!</u> <u>My sister is the owner-operator of SPT Trucking Duap Trucks</u> <u>read construction. She's been in the business for over 20 years</u></u></u>	Thank you for your comment.	
Please ADD my/our name(s) to the Mailing List Please ADD my/our name(s) to the Mailing List Your comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project. OPTIONAL:Please provide year information: Norme: <u>JAVE 4 JORNA SINGLE TON</u> Junity/Orgonization: <u>BUDD'S LANDING (WARWICK, MD)</u> Address: <u>220 Scott RD</u> <u>WARWICK, MD</u> <u>21912</u> Phone 866-485-9988 (toll-free) Fax 302-739-2217 Email dot-public-relations@state.deus www.us301.org		



US 301 Project Development - Public Hearing Comment Form - January 8 & 9, 21 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAR AUMINISTRATION US ARMY CORPS OF ENGINEERS DUESTIONS AND/OR COMMENTS US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday, January 8, 2007 & Tuesday January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall	Response to Michael Brico: Thank you for your comment.
Interview and the following: Interview and preservition of the following: Interview and the carefulty considered by DeBOT. Under state law, this form is public domain. Interview and preservition of the media or public. Thank you for your participation and contributions to this important transportation project. Interview and transportation of the media or public. Interview and contributions to the important transportation project. Interview and transportation provided on this form will be carefully considered by DeBOT. Under state law, this form is public domain.	
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FEDERAL HIGHWAY AUMINISTRATION US ARMY CORPS OF ENGINEERS OUESTIONS AND/OR COMMENTS	Response to comment: Improvements are program which include the construct
UCCITUDE ANY UN COMMENTS	 directions, separating throus scheduled for completion in Transportation Program. To f state and federal funding congestion and accommod 301 traffic to SR 1 was consimprovements. Additional construction as well. DelDOT received the map the Public Hearing. [Optic distance between Boyds C 1,500 feet east of the align Option 1)]. DelDOT is consequencies, the Army Corps the Ratledge Road community North Alternative that will active farmlands and mining To this end, representative Corps of Engineers, FHWA the Project Team met in the environment in the vicinity
Please ADD my/our name(s) to the Mailing List Please DELETE my/our name(s) from the Mailing List	held to discuss ongoing co affected farm properties ar area.
Your comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project.	As a result of the commun
OPTIONAL:Please provide your information:	proposing the Option 4B M 301 in this area. Option 4I
²⁰ 10:	1 SUL IN INIS area UNITON 41
Per	from south of the Cedar La

Improvements are programmed to relieve congestion at the I-95/SR 1 interchange, which include the construction of direct ramps between I-95 and SR 1 in both directions, separating through traffic from local traffic. These improvements are scheduled for completion in 2013, based on the FY2008 – FY 2013 Capital Transportation Program. This completion schedule is dependant on the availability of state and federal funding. The new interchange was designed to relieve existing congestion and accommodate future traffic volumes. The potential diversion of US 301 traffic to SR 1 was considered during the design of the new interchange improvements. Additional capacity on I-95 from SR 1 to SR 141 is currently under construction as well.

DelDOT received the map proposing Option 4B, with signatures as noted, during the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is committed to working with the environmental resource agencies, the Army Corps of Engineers and the farmers, owners and neighbors in the Ratledge Road community to develop an alignment for this portion of the Green North Alternative that will minimize, to the greatest extent possible, impacts to active farmlands and minimize impacts to the wetland area.

To this end, representatives from the Ratledge Road/Jamison Corner neighborhood, Corps of Engineers, FHWA, DelDOT, DNREC, the Delaware News Journal and the Project Team met in the field on January 30, 2007, to review the existing environment in the vicinity of the proposed options. Follow up meetings have been held to discuss ongoing concerns and design an alignment that would preserve the affected farm properties and homes while minimizing impacts to wetlands in the area.

As a result of the community's concerns and ongoing consultation, DelDOT is proposing the Option 4B Modified alignment as the preferred alignment of new US 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor from south of the Cedar Lane School complex to the boundary of the Whitehall properties, where it then curves to the east toward Jamison Corner Road. DelDOT is also proposing a minimization and mitigation package that will compensate for the increased impacts this alignment will cause to wetlands and forest, in coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD.



US 301 Project Development - Public Hearing Comment Form - January 8 & 9,2 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL MIGHWAR AUMINISTRATION US ARMY CORPS OF ENGINEERS QUESTIONS AND/OR COMMENTS	
US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday, January 8, 2007 & Tuesday, January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall	Response to Richard Wooleyhan: Thank you for your comment.
omment or inquire about the following oject:	(See also Section 4, Public Testimony, January 9, 2007).
ON A Full stomAch	DelDOT received the map proposing Option 4B, with signatures as noted, during the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is committed to working with the environmental resource
Rieland Wooleyham	agencies, the Army Corps of Engineers and the farmers, owners and neighbors in the Ratledge Road community to develop an alignment for this portion of the Green North Alternative that will minimize, to the greatest extent possible, impacts to active farmlands and minimize impacts to the wetland area.
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Please ADD my/our name(s) to the Mailing List Please DELETE my/our name(s) from the Mailing List	As a result of the community's concerns and ongoing consultation, DelDOT is
Your comments and opinions are very important. All information provided on this form will be carefully considered by DeIDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project. DPTIONAL:Please provide your information: 	proposing the Option 4B Modified alignment as the preferred alignment of new US 301 in this area. Option 4B Modified essentially is aligned on the DP&L corridor from south of the Cedar Lane School complex to the boundary of the Whitehall properties, where it then curves to the east toward Jamison Corner Road. DelDOT is also proposing a minimization and mitigation package that will compensate for the increased impacts this alignment will cause to wetlands and forest, in coordination with the resource agencies. The option and commitments in the mitigation package are included in the FEIS and ROD.



US 301 Project Development - Public Hearing Comment Form - January 8 & 9,2 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL minimity RAILIUN US ARMY CORPS OF ENGINEERS QUESTIONS AND/OR COMMENTS	
US 301 Deleware-Maryland Line to SR 1, South of C&D Canal Combined Lacation-Design Public Hearings Monday Jonnury 8, 2007 & Wessday January 9, 2007 ADD Phi to 1000 PM/Conclusion Middletown Fire Hall Middletown Fire Hall	Response to Jeff Seemans: Thank you for your comment.
www.us301.org	

Section 6. Written Comments received at the Public Hearing – January 9, 2007



tour comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, in requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project.	Response to Carol Geiger: Thank you for your comment. We anticipate completion of the FEIS in the fall of 2007. Following FHWA's issuance of the Record of Decision (ROD), engineering design and right-of-way acquisition is estimated to take up to four years (2008-2011), with construction following, beginning in 2012. Construction could take from four to 10 years to complete depending on funding. Whether new US 301 is constructed in segments or in its entirety, the sequence of construction and the schedule for construction will be determined as the availability of funding is firmed up. As the design phase proceeds, DeIDOT will maintain as many options as possible for the construction. Once funding issues are resolved, the Department will announce the approach to building new US 301.
Please ADD my/our name(s) to the Mailing List Please DELETE my/our name(s) from the Mailing List	
Your comments and opinions are very important. All information provided on this form will be carefully considered by DeIDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportaton project.	
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- imunity/Organization: SPRINGMILL	
Delaware Department of Transportation, P. O. Box 778, Dover, Delaware 19903.	



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US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday, January 8, 2007 & Tuesday, January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall	Response to comment: Thank you for your comment.
No matter that a schosen, represents cost owned balance of all the competing issues and needs No matter which ruste is solected someone will be imported; please doi't be swaped by completents of affected property owners, pot composite them burly and fully; changing the route will only affect other people who will then come out and completing no ruste can satisfy argues, but it is up to Dolloot to pick the route that is in the best interests of everyone.	
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Your comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project. YTIONAL:Please provide your information: P. Yourt- "The: Drefet Jumnity/Organization: Crickter uscos Idress: E. Kimble words Mr. Mark Tudor, P.E., US 301 Project Director,	Delaware Department of Transportation, P. O. Box 778, Dover, Delaware 19903.	Argout A HORE / Less (speakines Alternative 20 YAS, in $for ke$ Abbies Ro Slowie Aring hopky Ley IS Not The Stasis for first Prove Prove Aring Some of the Contress And the Advection Advection And the Advection Ad	ing List

Comment of James Young (copied for legibility):

I am not directly affected by your preferred route so I am now at the stage of feeling DelDOT is now in a condition of "overkill" on this project. Meeting costs etc. far overshadow additional knowledge and benefit you gain. What has to be kept in mind is the money situation which is almost illusionary now. To talk about a more/less expensive alternative 20 yrs. In the future makes no sense and hopefully is not the only basis for final choice.

I think it is time to retire some of the choices and move to a final choice and then concentrate on figuring how to raise revenues.

Response to James Young:

Thank you for your comment.

DelDOT is proceeding toward final project development for US 301, based on the Preferred Alternative. Funding is, and will remain, a real concern for the Department. Traditional funding (Transportation Trust Fund, federal grants) is being explored in addition to the collection of tolls to offset the cost. Public involvement is only one important aspect of the project development process, and DelDOT will continue to involve the public in the project as we move forward.

We anticipate completion of the FEIS in the fall of 2007. Following FHWA's issuance of the Record of Decision (ROD), engineering design and right-of-way acquisition is estimated to take up to four years (2008-2011), with construction following, beginning in 2012. Construction could take from four to 10 years to complete depending on funding.



US 301 Project Development - Public Hearing Comment Form - January 8 & 9,2 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL INDITIVAL AUMINICAL RATION US ARMY CORPS OF ENGINEERS QUESTIONS AND/OR COMMENTS	
US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday January 8, 2007 & Tuesday January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall somment or Inquire about the following oject: Using aid an excellent job of describing the mypact to my property. I fully understood the forsubeliteer when I purchased my home in Springnill: My only question is - How much does all this publicity, workshops, presentation, ite. Cost? Jeems like overhall to we tt.	 Response to Lee Eldredge: Thank you for your comment. A comprehensive public involvement program is required throughout the plannin process. Making an informed decision without significant public input on a majo complex project such as US 301 is simply poor public policy and not consistent with federal and state policy. To date, approximately \$7.5 million has been spent on the project development phase of this project, including, among other things, the workshops, engineering, environmental analysis, and preparation of environmental documentation. This figure represents slightly more than one percent of the overall project cost.
Please ADD my/our name(s) to the Mailing List Please DELETE my/our name(s) from the Mailing List Wour comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, and requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project. OPTIONAL:Please provide your information: LEE EUDEEDGE " "e: S PRING MILL hunity/Organization: S PRING MILL Michaelses: S HAG DAYLILLY WA4 Mr. Mark Tudor, P.E., US 301 Project Director, Delaware Department of Transportation, P. 0. Box 718, Dover, Delaware 19903. Phone 866-485-9988 (toll-free) Fox 302-739-2217 Email dot-public-relations@state.de.us www.us301.org	



US 301 Project Development - Public Hearing Comment Form - January 8 & 9,21 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL INGIVERA LUMINISIGATION US ARMY CORPS OF ENGINEERS OUESTIONS AND/OR COMMENTS US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday, January 8, 2007 & Tuesday January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall	Response to Doris Wooleyhan: Thank you for your comment.
omment or inquire about the following : jor my privane see were gagars for my comments on The 301 project and please take my comments in considuats on as yow complete the plans for 301	(begins on next page)
Please ADD my/our name(s) to the Mailing List Please DELETE my/our name(s) from the Mailing List Your comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportation project. DPTIONAL:Please provide your information:	



My 1 st support is of the original 301 route since much of the land has been alreal, chased and a residents have know for years it could go this way. Even though it is costly to update the s mmit Bridge and 195, I believe it is presently needed anyhow. If for some recommendation, it has to com fast of the present 896 then I support the new proposed route presented by Richard Woo yhan. (A new map with the route marked has been presented at this public making on Janu v 8, 2007.)

ארא destroy productive farmland for a new roadway to avoid an area that is low נייידע, eviously disturbed wetlands. Is this practical? (אנשר שאולדאש לאפושע)

Why take productive farmland when you have all of the adjacent landowners in a ment with use going though the wetlands property. This even includes the II property. This property (Hyears) has been slated for som

Why take away part of our history by destroying a farmhouse built in 1900. Yes it may be one of a hundred but in this area they are few and far between. Future generations need to have something left for them. Large sums of monies are put into museums so the next generations know how the past lived. Why destroy an intact historic homestead to build a highway for cars and trucks to pass though our state when they could care less about our state, especially when it can be avoided.

Why does the value of wetlands out weigh the value of productive farmland. Yes wetlands provide shelter, water and food for wildlife. Plants in these areas help our environment. But

As a farmers wife I know in fact that our crops provide as much food for wildlife as these wetlands. At harvest time you have acres and yes I mean acres that are without any grain due to wildlife feeding on them. Deer, ground hogs, birds (geese, crows, blackbirds our songbirds etc) rabbits, fox, moles, snakes and many more animals are seen in these fields that you plan to destroy with a road. The crops supply not only a food source for wildlife but also shelter. I've seen that over and over. In the past the woods on this farm has been logged and we all know that logs provide lumber for our personal shelter. Is it totally practical to not take our human needs in consideration over the needs of wildlife.

If you're afraid of a dying species you should take a close look at the declining amount of farmers and the decreasing of farmland. I'm not sure what you plan to do when we don't have farmland left for food or farmers to grow your food. Do you realize how many jobs depend on the farmer -companies who make fertilizer, chemicals, seed, fuel, manufactures of equipment, the ones who do research all before the farmer starts the planting process. Just think after the crop is harvested, it is trucked to the granary, then goes to the mill for processing, then it goes either back to another farmer that is raising beef, dairy cows, chickens, or swine all for our consumption along with milk products, grains for breads and pasta which involves more jobs for processing these commodities. If we haven't a food source, there isn't a need for trucks, trains, or ships to transport our food or grocery stores to sell. Now consider that we are starting to need corn and soybeans to fuel our vehicles. We won't even need a road if we don't have fuel for our vehicles. Sounds to me like it

Response to Doris Wooleyhan:

Thank you for your comment.

DelDOT received the map proposing Option 4B, with signatures as noted, during the Public Hearing. [Option 4B is a hand-drawn alignment that would traverse the distance between Boyds Corner Road and Jamison Corner Road approximately 1,500 feet east of the alignment presented in the DEIS (shown on this map as Option 1)]. DelDOT is committed to working with the environmental resource agencies, the Army Corps of Engineers and the farmers, owners and neighbors in the Ratledge Road community to develop an alignment for this portion of the Green North Alternative that will minimize, to the greatest extent possible, impacts to active farmlands and minimize impacts to the wetland area.

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Partt



wou be very practical to keep what little farmland we have left in productive fa... I verses a road How practical is it to keep destroying all of our farmland so we can become dependant on outries for food like we have oil? Yes this is one small farm but one here ϵ^{-1} one there adds to none left.

I or *le* (the residents of the Mt Pleasant part of the proposed 301) have been taxe ers (most of use <u>less</u> in our 50's on up into the 80's) for all of our lives; Please let us have sup<u>less</u> where us road goes. In this area, we are all friends, the kind that are there in the time of <u>less</u> in a sked. Why because we have been together all their lives; from birth to adult parents, watching each others children grow up and now watching each other becomer and partents. I'm a lifetime resident of the MOT area and have lived on Ratledge d over 35

I have watched the area chan impid, I drive the area ever or area and have need on Rancing and a over 55 orse in my opinion but then I grew on a farm.

P.30/ 4

but PLEASE let us who have moved here thus descring their home start for lower taxes, cheaper car insurance, and less tax on their pensions. We have deep and I mean deep roots to the area. The Wooleyhan farm has been in the family for 60 years with the third generation tilling it and the fourth generation helping. It is a family operation which is becoming extinct in the United States. Developers have been turned down many times because the farm was being preserved for future generations verses selling out for big bucks. This is being done without taking any tax payer money for the Agriculture Preservation Act. I believe the Rausch and the Emerson farms are also in the second and third Generation. Let Delaware, the first state, set an example of saving the farmland!!! We were first before why not again wouldn't that be practical??

As a native of the area, I don't understand how anybody who has moved into a housing development, that is close to the original proposed Route 301, over the last 20 years can complain. I believe anybody buying or building a house should do their homework before they build or buy in area choosen to be their future home; This 301 by-pass has been in the works for at least 40 years. The new families moving in the area are a big part of why this road needs to be built. If you're part of the problem put up with part of the solution don't throw it over who the natives of the area to fixed a problem you have helped cause. It is a shame and I know many of the new residents have not been told the truth but in today's society making a buck seems to override telling all the known facts. I also believe the school district has no leg to stand on for complaining. My education came from the Appoquinmink School District (wasn't called that back then) and have watched it grow from a 1 to12 in one building (now the middle school) to what it is today. The school district elected to build Cedar Lane Elementary School close to what has always been known to all as the 896 Truck Route. They didn't care then and you can't prove to me they care now!. They keep building schools on this property that gets closer and closer to the present 896 Truck Route. The same trucks hauling the same goods go past the school now as will on the new proposed 301. Where are they building the new high school? Just look at how close it is to Route 301. If they are concerned about the safety of our loved ones put the same value on all children regardless of age.

By choosing the green route you're putting undue stress on at least 6-8 life-time residents that are

in their 70's and 80's. They have sacrifice much and worked hard to build a small community, enjoy their golden years without stress and have something to pass on to the next generation. Stress is surely not healthy. How about the impact it will have on two handicap adults (one a lifetime resident and an heir to the property) both deaf whose house will be within 300 feet of the proposed green route. The vibrations from the construction will impact these two adults greatly but also think of the everyday rumble of trucks and cars after completion. Can you image having you sense of feeling magnified to above the normal level and living with this everyday?

For these reasons please choose another route besides the green one. It is our health, income, family, heritage and friendships that this route is trying to destroy. By taking productive farmland you also touch the lives of many people who don't realize they need the farmer. I don't believe that the normal public will be impacted in all these ways. Yes I know some apply to all but they choose once to leave all behind.

Doris Wooleyhan 427 Ratledge Raod Middletown, DE 19709 302-378-9429

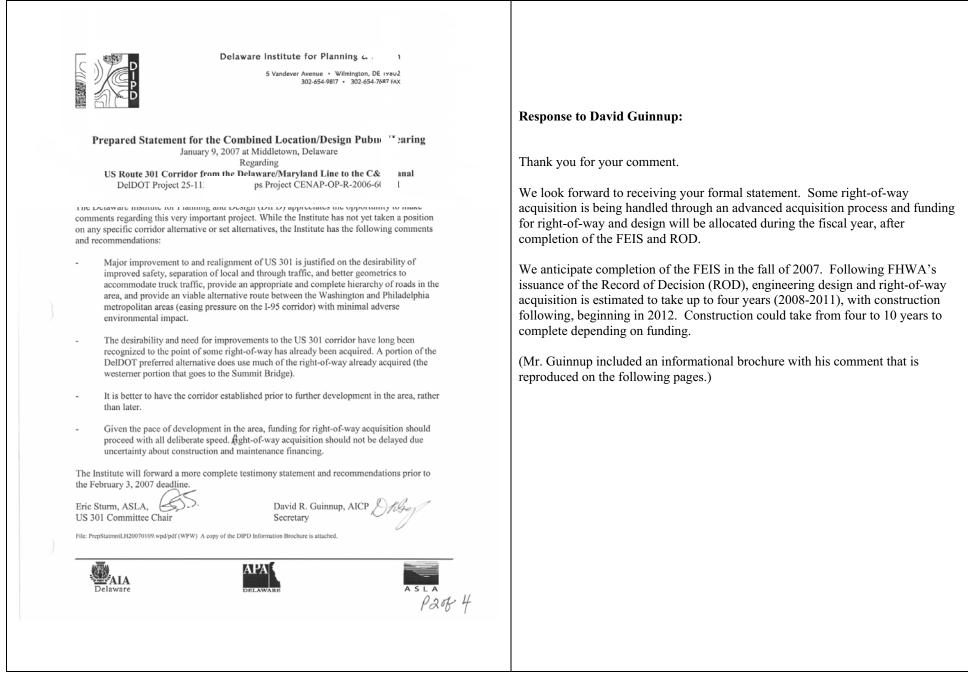
Section 6. Written Comments received at the Public Hearing – January 9, 2007

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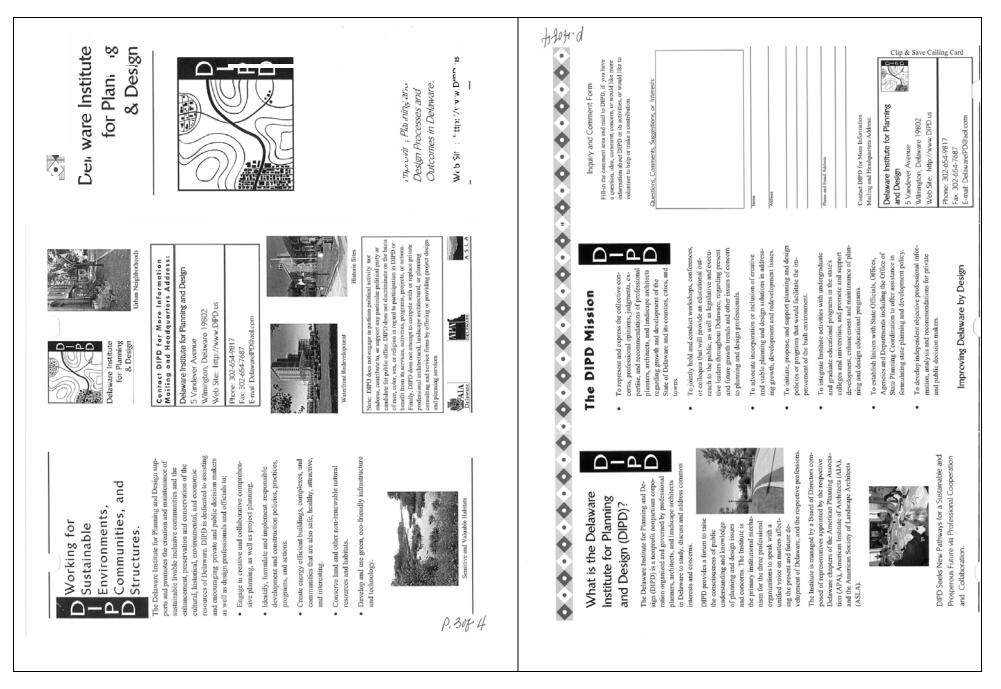


US 301 Project Development - Public Hearing Comment Form - January 8 & 9,2 DELAWARE DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION US ARMY CORPS OF ENGINEERS OUESTIONS AND/OR COMMENTS US 301 Delaware-Maryland Line to SR 1, South of C&D Canal Combined Location-Design Public Hearings Monday, January 8, 2007 & Tuesday January 9, 2007 4:00 PM to 10:00 PM/Conclusion Middletown Fire Hall	Response to David Guinnup: (begins on following page)	
Somment or inquire about the following ojet: 415-E. AttrachED STATENTERT & BADUHURIE FENDIT THE VELOWARE INSTITUTE FOR PLANNING AND VEGION (DIPD); 5 MATPAOES ON 3 SHEETS OF PAPER) * Incurroing THIS STREET		
Please ADD my/our name(s) to the Mailing List Please DELETE my/our name(s) from the Mailing List Your comments and opinions are very important. All information provided on this form will be carefully considered by DelDOT. Under state law, this form is public domain, and if requested, a copy of it must be provided to the media or public. Thank you for your participation and contributions to this important transportabon project. OPTIONAL:Please provide your information: Image: March information Image: March information: Image: March information		









Section 6. Written Comments received at the Public Hearing – January 9, 2007