1	STATE OF MAINE
2	DEPARTMENT OF TRANSPORTATION
3	
4	IN RE THE BLUE HILL FALLS BRIDGE
5	
6	WIN 017712.00
7	
8	Public meeting at the Blue Hill Town Office
9	
10	Reported by Robin J. Dostie, a Notary Public and
11	court reporter in and for the State of Maine, on
12	August 5, 2015, at the Blue Hill Town Office, 18
13	Union Street, Blue Hill, Maine, commencing at 6:00
14	p.m.
15	
16	
17	REPRESENTING THE STATE: MICHAEL WIGHT
18	ANDREW LATHE
19	
20	
21	
22	
23	
24	
25	

TRANSCRIPT OF PROCEEDINGS

1

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2.3

24

25

AUDIENCE MEMBER: (Jim Schatz.) Well, we'll get started. It's a little after 6. I'd like to welcome you all here. I assume you're all here for the bridge and not the production of Annie. So anyway, that said, I'd like to introduce the DOT team here, the bridge team. Michael Wight is the senior project coordinator, manager. And then Andrew Lathe is the assistant project manager and they were both here in November. For those of you who were here you can repeat everything you did if you were here in They'll be able to take it down and we'll November. get it back and see if it's the same that you said last time. But anyway, feel free to render your heart out and tell us what you think. We're also considering doing a straw poll at the town meeting to reinforce and also, you know, fetch the ideas from as many other people as possible who weren't able to attend the meeting last November and tonight we'll give some more input. And then Bill Cousins, our road commissioner, is back there and he's promised to make a very long speech pertaining to all this, so that's something to look forward to. And take it away.

MR. WIGHT: Thank you, Jim. I thank

everybody for coming tonight to our informational public meeting for the Blue Hill Falls Bridge in South Blue Hill. The purpose of tonight's meeting, we're going to try and give you what information we have. We're part way through the preliminary design process. We haven't made a choice on which option we're going with. At the end of the meeting, I really want folks — to get folks' input into which option and I'm going to be talking about the options that we're considering. And I'd also like to get everybody's feedback on how we're going to maintain traffic. Those are two key issues we'd like to get the locals' feedback.

2.3

Some housekeeping things. When we get into the meeting, there is a sign-up sheet going around.

Make sure everybody signs in. If you haven't grabbed some handouts, come up and help yourself. I've got a few left. Basically we've got a copy of our notice that went out to the abutting property owners. It was in the local newspaper. I've got one left for anybody who wants it. The key thing is it's got our contact information on it if you have questions later. We also have a great little booklet, it's a blue booklet, that explains our right of way process for folks who may be adjacent to the bridge and have

any questions about our right of way process, it's a great book to grab. We've got plenty of them. Later after the meeting if you've got questions or concerns, we have these little comment cards, our address is already stamped on the back. If you're not too keen on email or whatever you can write your comment and drop it in the mail. Also, we've got our business cards with our email addresses on them if you have questions later to follow-up with us.

2.1

2.3

Again, just to introduce myself, I'm Mike Wight. I'm the senior project manager with the Maine Department of Transportation and with me is Andrew Lathe, my assistant project manager. And so that we have a record of this meeting and can capture everybody's comments we have a court reporter, Robin Dostie is here. When we get to the point of questions and comments, I can't repeat enough to have one person stand at a time, state their name and express your comment or your questions and then Robin can get everything down on the record.

How the basic meeting will go, I'm going to present some basic information about what's out there and what the current conditions of the bridge are.

I'm going to talk about the options that we're considering. I'm also going to touch on traffic

issues and then I'll turn it over to Andrew. Andrew 1 2 is going to talk about a lot of the constraints we 3 have on this project and I'll just remind folks here that the big reason we're here is to gather 5 information. We haven't picked an option and 6 basically after this meeting we're going to delve 7 into the preliminary design and finalize our options 8 and make a selection and then we'll come back for a 9 public meeting once we've made a selection of the option we're going to go with to do the project. And 10 11 at the end we'll open it up for questions and 12 comments, so let us give our spiel then we'll open it 13 up.

14

15

16

17

18

19

20

2.1

22

2.3

24

25

We have a little plan up here. This is basically what's out there right now. It doesn't show any proposed work. I'll just go over it real quick. Up top here we just have a colored photograph looking down from the sky. Here is the bridge. This end of the plan is north. This is heading towards the south. Up here is the ocean. This dashed red line is the existing right of way. And this kind of light orange colored spots are just some buildings and houses that are out there. Down below here is what we call our profile. It's like taking a knife and kind of slice right down the middle of the road

and it gives you an idea of the elevations. In the middle here is the existing bridge and the existing abutments. Then on this side of the plan, this is a blown up view of the side, the side of the bridge, the existing bridge and the existing section. This is a slice through the bridge showing through the bridge and the location map.

1

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2.3

24

25

I want to go over a few facts about the bridge. The bridge was built in 1926. If folks caught it outside somebody was very nice to hang some pictures of the previous bridge, which was a steel truss. There are some nice pictures, you should catch them on your way out. Being a 1926 finish, the current bridge is 89 years old. As kind of a rough rule when we build new bridges we expect to get about 75 years out of them. This bridge is -- all bridges in Maine are inspected every two years. This bridge was last inspected last year in 2014. The traffic We take the entire year average and the counts. daily count is about 1,790 vehicles a day that use this bridge. You can't see it, but the current bridge has a curb-to-curb width of 20 feet and 4 inches. In the past meetings concerns have been expressed by folks about the narrowness of the bridge especially when trucks pass. The existing bridge

also poses some visibility issues just due to the nature of the truss. It's not an open bridge.

1

2

3

5

6

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2.3

24

25

Accident history. We basically -- at the state any time somebody calls the police and an official report is made we know about those accidents. Folks who just kind of get a little fender bender and don't call the police, we don't know about those accidents. But in the past three years we've got records showing there was only two accidents at this site. Let's see, there was one person that was driving too fast and hit the quardrail and another van unfortunately hit a deer. Generally there are -- based on our statistics a site is considered high accident in a three year period if there is more than eight accidents, so there was only two accidents in a three year period so we don't consider this a high accident location. So that's the facts for the existing bridge.

Now, I'm going to talk about the two options that we're considering here for improving this bridge. The first option is a rehabilitation option where we repair the current bridge. A couple things I want to note, when we repair the bridge basically the abutments are going to be the same, so there is going to be no change to the hydraulic openings. And

I know this particular site is very popular with 1 2 kayakers, surfers, et cetera, and we aren't planning 3 any changes for the hydraulics and the water underneath the bridge. To do this work basically 5 there is going to be really no change to the 6 alignment of the bridge. It's going to be right where it is today. We're not going to change the 8 grade of the bridge except we may change an inch or 9 two probably to the deck and the new wearing surface, 10 but for all intents and purposes it's going to be the 11 same.

12

13

14

15

16

17

18

19

20

21

22

2.3

2.4

25

As part of this rehabilitation probably the biggest thing we're doing is we have to replace the concrete deck. It's in poor condition. And as part of that on the top of the deck is the wearing surface and we'll replace that. And for the remainder of the superstructure on the arch itself, the hangers and the top cross members, we basically will go through and basically chip out all of the soft and poor condition concrete and replace with new concrete for a significant area of the bridge. The existing abutments of the bridge that the superstructure sits on, right now we're having some problems with some of In between the stones is mortar and in a the stones. lot of locations the mortar is missing and some of

the stones are starting to shift a little bit. What we're proposing is to fix -- take care of these stones, remortar them and pin them so that they don't move. And the top portion of these abutments, which is all concrete, is in poor condition. We're going to be replacing the top portion and be all new concrete.

1

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2.3

24

25

As far as approach work, we're thinking of doing some real minimal approach work. Generally this is a rough rule of thumb we're thinking maybe 200 or 250 feet on each side of the bridge. try to upgrade the quardrail the best we can on the ends of the bridge and we'll widen it out just a Instead of having a gravel shoulder, little bit. we'll turn it into a paved shoulder. And right now on the northwest corner there's kind of an unofficial parking area with a wide gravel shoulder. Right now we're thinking that that will be an improved spot where the kayakers pull over and folks visiting they will have kind of a safe place to get off, so we're thinking of taking this 8 foot gravel shoulder roughly and potentially paving it for a little more formal parking here. There has been some complaints in the past meetings that there has been a lot of erosion issues here and we're taking care of that and the only way to do that is to make it more stable by paving it and putting in some curbing and drainage.

2.1

2.3

But with the rehab option the intent is to, you know, repair the bridge as best we can and we're thinking right now a really thorough rehab is going to gain us another 30 or 40 years. We've done some rough costs on this option and right now we think it's going to cost a total of \$5.1 million and that is roughly 80 percent federal funds and 20 percent state funds. Right now there is no local share or no town share as part of this project. So that's one option is save the current bridge.

AUDIENCE MEMBER: (Elizabeth Nevin.) Sorry.

How long?

MR. WIGHT: Another option -- the other option is replacing this bridge with what we call a modern bridge. I've got some pictures I want to pass around so folks can take a look at it. This is a bridge that's actually not too far away. If folks have ever driven to downtown Orland about 20 minutes away, this is the bridge that's on Route 175 in the village. Our proposed modern bridge will be very similar to this bridge. It will be basically a single span bridge. We'll maintain the same opening, the same deck as I mentioned that's out there now,

```
1 but instead of having an arch type structure we'll
```

- 2 have a precast concrete beam bridge with a concrete
- 3 deck. The pictures going around calls for what we
- 4 | call a Texas concrete rail. It's kind of -- it's a
- 5 crash tested rail and it kind of looks a little bit
- 6 like the concrete rail that's out there.
- 7 The current bridge here, this is a truss.
- 8 It's a relatively thin deck system, about
- 9 2-and-a-half feet. With a beam type bridge to span
- 10 this distance we've got to raise up the profile a
- 11 little bit to accommodate a deeper beam. It's going
- 12 to be roughly 2 to 4 feet higher and it will raise
- 13 | the approaches a little bit too on both approaches to
- 14 accommodate the deeper beam. As far as actual
- 15 wearing surface it will probably be bituminous.
- 16 AUDIENCE MEMBER: (Jim Schatz.) What's is
- 17 | the wearing surface?
- 18 MR. WIGHT: With a modern bridge -- the
- 19 | current bridge is 20 foot 4 inches, it's a modern
- 20 bridge, it will be a 20 foot width curb-to-curb,
- 21 basically two 11 foot lanes.
- AUDIENCE MEMBER: High wide?
- MR. WIGHT: 28 feet.
- AUDIENCE MEMBER: No, for each lane.
- 25 MR. WIGHT: 11 foot for each lane with a 3

foot shoulder on both sides. And this will have similar approach work as basically on the rehab. We have 2 to 300 feet on each side and we'll carry that 28 foot dimension basically to the limits of the project. And like we talked earlier, we'll still try to improve this area here on the northwest corner, it's kind of a wide gravel shoulder and we'll try to pave that as parking spaces to accommodate folks.

2.1

2.3

With the replacement option, we're guessing -- we've got a rough cost around a total cost of \$4 million. Again, that's 80 percent federal, 20 percent state funding with no local share. And for replacement option this would have a life close to 75 years. Almost double compared to the rehab option.

For both these options one of the biggest things we're struggling with right now is how to maintain traffic during construction. One option that we investigated is can we build this bridge in stages. Unfortunately, due to the nature of the bridge, if we saw it in half it's going to fall over. Stage construction isn't a feasible option here, so we can eliminate that. The other option is basically close the bridge during construction and folks use local roads and state highways to get around. This

is 172 and local roads, Hales Hills Road, Hales Woods 1 2 Road and coming back up 175, so it's roughly 10 miles 3 around using that route. The only thing is the parking on some of these roads here and the local 5 roads in Sedgwick is you just can't use them without 6 getting the town's permission and that's one of the 7 town's concerns is with the increased traffic and the 8 condition of the road. And right now we don't -- our 9 budgets don't include any cost to do those roads. 10 that's one option. The third option, and I've seen 11 some of the pictures outside in the hallway, when 12 they built this bridge is to build kind of a temporary structure upstream like they did back in 13 14 The pictures outside they cut down quite a 15 forest to build a temporary bridge across here. That's another option. With 1,790 cars this would 16 17 basically be a one-lane bridge across here and then 18 you'd have temporary lights, temporary traffic lights 19 to go across the bridge. 20 For the major rehab, the rehab option 21 keeping the current bridge, right now we're 22 quesstimating this will be roughly a two year 2.3 project. Andrew will get into some of our 24 constraints, but we have a lot of constraints. There 25 are only certain times we can work in the water.

That's a big one that really ties our hands and
Andrew will touch on that in a minute. And a modern
bridge it will go a little quicker, it will be about
a year-and-a-half construction, so basically six
months less than doing a major rehab.

2.1

2.3

I know at our previous meetings a lot of concerns were expressed about -- and it's tough at this location -- the bridge is on the bottom of pretty good hills. Folks do speed up. Concerns have been raised and can we do some sort of traffic calming. We talked to our traffic engineers in-house and generally we don't put traffic calming on a road with speeds greater than 35.

AUDIENCE MEMBER: Traffic what?

MR. WIGHT: Traffic calming. It's basically techniques to try to slow folks down. For instance, I was driving through Tradewinds coming down here, drove over bumps, put speed bumps in, that kind of thing. Doing stuff like that to slow folks down really isn't practical here with the speed. Folks go faster than 35. The plow guys don't like it and actually it -- actually it's kind of dangerous for folks going that fast. And another thing with traffic calming like bumps and stuff is it does make noise when folks go over it. Folks in the area

generally don't like it either.

1

19

20

2.1

22

2.3

24

25

2 After this meeting, we're going to basically 3 wrap up and finalize these options and details, update the process. We're going to take feedback 5 from this meeting and try to finalize how we're going to maintain traffic and we'll pick an option. 6 7 Depending on when we can get that engineering all 8 done, if we get done this year we may be able to get 9 funding and construction started in 2018, which is 10 probably the earliest we can get construction money. 11 We're getting the preliminary engineering for this 12 year and most likely will get completed next year and the earliest we can get construction funding is 2019. 13 14 Our Department at the end of this year -- every year 15 we update our long range plan and what we're going to spend money on. It's a three year rolling plan and 16 17 that's why it's so far out getting that construction 18 money.

And with that, I'll turn it over to Andrew who is going to give us some more facts and some background of all these constraints you have on the site.

MR. LATHE: Thank you, Mike. Good evening.
My name is Andrew Lathe, Mike's assistant, and we
were here last November. And just in case, I have

this problem when I speak in public of talking way 1 2 too fast, so if I start revving up just let me know 3 and I'll slow it down. I get a little bit nervous and I start talking fast, so they even made me a sign 5 at work that says slow down you're talking way too 6 fast. I'll hold it here in case as a reminder for myself. But as Mike said, when we started opening 8 this project up we realized we had a lot of people 9 that had an interest in this bridge. Other 10 government agencies, the municipality, the town and 11 we kind of looked back at the project history. 12 looked back at the public meeting that was held September 7 in 2010. Mike brought up a couple of 13 14 those items that were a concern that were raised at 15 that meeting, one being speed. Mike said the posted speed down there at the bridge is 20 miles per hour. 16 17 It's in a depression between the two hills and 18 vehicles regularly accelerate and travel at a much 19 higher rate of speed. There is a width restriction. 20 Mike discussed the 20 foot 4 from curb-to-curb width 2.1 and it feels like the bridge is way too narrow for 22 two trucks to pass at the same time or to pass 2.3 comfortably with each other. Also, there is a lot of 24 pedestrian access there. There is no room for 25 pedestrians on the bridge. I was on it today and I

had to hug between the columns when vehicles went by. 1 2 There is limited visibility of pedestrians behind the 3 columns. And there is a sort of a tension level for pedestrians as well because it's a beautiful spot, 5 they're kind of looking at nature and may not be 6 paying attention to the traveling public and vice 7 versa. There is also parking concern that was raised 8 at that public meeting. There is minimal to 9 non-existing parking. There is a little bit on the 10 northwest corner and I even saw someone pulled over 11 today on the northeast corner. There is drainage and 12 erosion from water run-off that was a concern that was raised at that meeting. There is significant 13 14 water run-off down both hills and it's caused 15 erosion, ineffective ditching along the sides of the 16 roads. 17 So when we started looking at this project and in addition to the townsfolks there are a lot of 18 19 other groups that had a direct interest in this, one 20 of them being the Maine Historic Preservation

Commission. There are archeological and 22 architectural historical interests at this location. 2.3 There is a prehistoric presence at this bridge.

2.1

24

There was an archeological dig that was performed 25 from 1936 to 1937 just after the original bridge was finished. This revealed evidence that the site was used 4,000 years ago when there used to be a fresh waterfall where the reversal falls is now. So 4,000 years ago you used to have a nice pretty waterfall there and now it's eroded away and you have the reversing falls. So the Maine Historic Preservation Commission is very interested and sensitive to this location.

2.1

2.3

In addition to the archeological aspect there is architectural history here. The design of the bridge itself it's one of two tied-arch concrete bridges remaining in Maine and possibly the oldest of its kind in the United States. The other tied-arch bridge is the Canal Bridge in Lewiston. The bridge is listed as a nationally registered eligible historical property and it makes up one leg of a nationally registered eligible historical district at that location and there are two other locations here that make up an eligible historic district and I'll talk about those now.

So there is a historical aspect to this as well as the architectural and archeological. There is the Nevin Villa. Ann Paul Nevin, the widow of the American composer Ethelbert Nevin, who built the residence on the southeast corner of the Salt Pond

called Arcady in the style of an Italian mansion. 1 2 The abutting property and the landscaping of the 3 property make up the second leg of the historical district. The Nevin family built two other summer 5 homes on Mill, the Airly Beacon home, it's located on the northeast corner of the bridge and the Wakonda home later be the -- did we get that right? Yeah. 8 And the Wakonda home later to be the home of 9 nationally known artist Frank Hamabe and it sits on 10 the northwest corner much the bridge and this 11 abutting property makes up the third and final leg of 12 the National Registered Historic Eligible District.

13

14

15

16

17

18

19

20

2.1

22

2.3

24

25

So in addition to the Maine Historical Preservation Commission, we also have quite a treasure trove of environmental things going on at this location. Fish and shellfish, Atlantic and short-nosed sturgeon are potentially present in the area and are protected under Section 7 of the Endangered Species Act. Mill Stream and Carleton Stream, which flow into the Salt Pond, support rainbow smelts, eels and alewives. The species utilize the project area as a migratory route and are managed by the Maine Department of Marine Resources and by NOAA's National Marine Fisheries. And Salt Pond also contains soft-shell clams, oysters and

horseshoe crabs and because of those -- the presence of those fish and shellfish we have a restriction to our in-water work windows. Those would be restricted to work in the water between November and March. Sometimes we can get a larger open season for in-water work, but it's on a case-by-case basis. We also have marine mammals that are present in the

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2.3

2.4

25

area.

Impacts to marine mammals due to rehabilitation or construction activity and noise will need to be assessed under the Marine Mammal Protection Act. And also now the Northern Long-Eared Bat is now listed federally as a threatened species in April of 2015. And of note in the spring of this year the Environmental Department of the MaineDOT actually did an acoustic sounding and they found a Northern Long-Eared Bat down at this location. He's kind of lonely, but there is one there. So this impacts our clearing operations. We can't clear trees in the area during certain months, so it limits our clearing to the fall and wintertime essentially. That same November to March time frame to clear any trees. The good thing about this site, there are no ground water or hazardous waste that has been identified here, so that's a good thing.

So we have the ongoing design options and all of the concerns I just mentioned started coming forth as we peeled into this project. I also wanted to reference that we discussed it back in November that later this summer/early fall the Maine Historic Preservation Commission will be doing a dig in the area. They will be contacting local land owners for permission to access the property to do the dig. If there are any abutting land owners here that haven't heard from them or wish to ask Mike and I questions after the meeting, we'll be happy to talk to you about it.

2.3

And the last thing, and I'd be remiss to say, that the municipality has a specific interest in this location because as we move forward and discuss replacement or a rehabilitation option we should also discuss the Department's cost-sharing policy because when we look at extras such as sidewalks or special features like additional parking, modified parking, architectural treatments, shoulder surface treatments, landscaping, lighting, local interest elements, the Department has a cost-share policy and it basically states that project elements outside of the scope of the highway portion or bridge portion of the project that have more local benefit as

determined by the Department are considered local interest elements and the policy basically states that the Department at its discretion will contribute up to 50 percent of the cost of those local interest elements provided they're eligible for federal funding, so we want to make sure as we discuss options that the Department's policy is there.

1

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2.3

2.4

25

Now, what I'd like to do is before we open it up to questions is the purpose of this meeting is to try to get information from the public on what the Department really doesn't know about this area and we've talked about a number of things that we do know and a number of what our options are, but the real impetus behind this meeting is to discuss what we don't know, so I'm going to throw out a few things here as an opening to questions and when I'm done we'll open the floor up. But there are some historical things that we do not know, one is the Maine Historical Preservation Commission, we don't know the extent here to which we can excavate or fill in any of the approach areas due to the archeological If a modern bridge or replacement option presence. is preferred we don't know if the Maine Historical Preservation will concur and what I mean by that is if we decide to replace the bridge with something new

```
because it's one of two left in Maine we have to deal
 1
 2
   with that aspect with the Maine Historical
 3
   Preservation Commission as well if they concur with
   our finding that we're going to replace the bridge or
 5
   if we're going to be doing a rehabilitation.
                                                   There
   is also -- we wanted to find out about the commercial
 6
   use of this area. Are locals using this area for
 8
   commercial fishing, lobstering, shellfish harvesting
 9
   and to that extent that work on this bridge would
10
   impact those operations. Also, the water
11
   recreational use, the surfers, kayakers and boaters.
12
   Is the span of the bridge opening -- I'm sure you
   prefer us to maintain the existing opening size, but
13
14
   do those recreational water users care what the
15
   structure is above it. Do you care if you're looking
   at a modern bridge or do you want to try to retain
16
17
   the existing structure. Also the site use, the
18
   artists, tourists and day visitors, to get a better
19
   idea of what the daily site use of this location is.
20
   The traveling public as well, the safety concerns.
2.1
   Are you concerned about -- is maintaining the
22
   existing bridge width acceptable to you, will
2.3
   advanced signage have any impact on slowing the
24
   traffic, is there heavy bicycle use. And finally,
25
   abutting land owners and the residence of the town we
```

```
want to hear your thoughts, what are your prime
 1
   motivating concerns, is it the appearance to the
 2
 3
   bridge, access to the bridge, safety for the
   traveling public, safety for pedestrian traffic, the
 5
   detour requirements and the construction duration
 6
   that Michael discussed and what direction you'd like
 7
   to see the Department proceed in with this project, a
 8
    rehabilitation or a replacement.
 9
            So as we kind of open this up for comments
    and discussion, we're here to listen and get your
10
11
    input. I do ask that when you have a question to
12
    just please state your name so the court reporter can
13
   properly record it. And a group discussion is very
14
   difficult especially with the AC going, so if we can
15
    limit to one conversation at a time for the court
16
    reporter that would be fantastic. Any questions?
17
                       And with that, questions and
            MR. WIGHT:
18
    comments please, one at a time. Don't be bashful,
   raise your hand.
19
                      The lady in pink here.
20
            AUDIENCE MEMBER: Peg Betro, P-E-T-R-O.
21
   wide did you say the current bridge is?
22
            MR. WIGHT:
                        The current bridge is 20 feet
2.3
   and 4 inches.
24
            AUDIENCE MEMBER:
                               (Peg Petro.)
                                             Okay.
                                                    So
```

basically it's going to be increasing by 8 feet,

25

1 correct?

8

9

16

17

18

19

20

2.1

22

2.3

24

25

2 MR. WIGHT: Yes, the modern bridge will be 3 increased to 28 feet.

4 AUDIENCE MEMBER: (Peg Petro.) How wide -- 5 so each lane right now is how wide?

6 MR. WIGHT: Each lane right now is about 10 7 feet wide.

AUDIENCE MEMBER: (Peg Petro.) Okay. So each lane is getting another foot.

MR. WIGHT: It will get another foot and it will get a 3 foot shoulder with the modern bridge.

AUDIENCE MEMBER: (Peg Petro.) Is the shoulder raised or the same?

MR. WIGHT: It would be the same elevation as the road.

AUDIENCE MEMBER: (Peg Petro.) Same elevation. So one concern I have that we talked about this week is the wider the bridge is the faster your speed is. So like when you're on a highway and the lane -- if you're losing your shoulder because you're diverting a little bit and you slow down. So probably this is so narrow right now that widening it is not going to slow the speed down I don't believe, but it will speed it up. So that's one concern I have. Is there a landscape architect that is

1 involved in this project? 2 MR. WIGHT: Not at this time, but if folks 3 want landscaping we have several --4 AUDIENCE MEMBER: (Peg Petro.) No, no, no, 5 landscape architect. 6 MR. WIGHT: Not at the current time. 7 AUDIENCE MEMBER: (Peg Petro.) Those are 8 licensed individuals who can handle drainage and also 9 they use the space esthetically. I am concerned 10 about the esthetics. My heart is broken for the 11 properties with the drainage or whatever that's down 12 along there because those trees aren't there anymore. This picture is a little outdated. 13 14 It is unfortunately. MR. WIGHT: 15 (Peg Petro.) I'm AUDIENCE MEMBER: 16 concerned what paving is going to look like for 17 additional cars to park and I'm concerned about 18 safety, the more cars, the more people and the 19 potential for more personal accidents. Those are my 20 concerns right now. And I know you're going to 2.1 capture a lot of the other concerns, historical 22 preservation and all those sorts of things, but I 2.3 think we also need to think about aesthetics. 24 character already has been totally transformed. It's 25 actually, to be honest with you, it's a little

depressing. It used to open up to beautiful South 2 Blue Hill and now we open up to rocks and trees that 3 are down and the shrubs were just pushed up and not even taken away, so I hope we have a landscape architect licensed on board. 5

1

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

2.3

24

25

6 MR. WIGHT: Thanks for the comment. In back 7 here.

AUDIENCE MEMBER: (Sherry Degroff.) Can vou go over option three again where we have a bypass -a temporary bridge? I didn't understand that is to be done with renovating the old bridge or putting in a new bring or both.

MR. WIGHT: Yup. Putting in a temporary bridge on the upstream side we can use that with either option, either the replacement or the rehab. It's a viable option for both, but a new -- but I do want to give a caveat, in order to do that and to accommodate big trucks that turn on and off there will be some significant clearing on the corners to accommodate a temporary bridge. Unfortunately, the utility lines are also on this side of the bridge and they'd have to be moved out past the temporary bridge to maintain utilities, so there would be some significant impacts to accommodate a temporary bridge and moving utilities out of the way.

```
MR. LATHE: Ma'am, can I get your name
 1
 2
    again, please, she couldn't hear you, so I turned the
 3
   AC off.
 4
            AUDIENCE MEMBER:
                               Sherry Degroff.
 5
            MR. LATHE:
                        Thank you.
                        In back here.
 6
            MR. WIGHT:
 7
            AUDIENCE MEMBER: I'm Dave Putnam.
                                                 I have
 8
   three questions. I'll start with the most
 9
   preliminary one first, which is is it totally beyond
   our technological capacity nowadays to rebuild that
10
11
   bridge -- rebuild that bridge the way it was
12
   originally constructed? That's my first question.
   Is that something that's absolutely impossible for us
13
14
    to do rather than messing around with decaying mortar
15
   here and there, can we remove the bridge and build
   the bridge in a facsimile or create a facsimile of
16
17
    it, you know, all over again brand new. They did it
18
    once a long time ago --
19
            MR. WIGHT:
                        Yup.
20
            AUDIENCE MEMBER:
                               (Dave Putnam.)
                                               -- can we
2.1
   not do it now? That's my first question.
                                               Let me --
22
    can I give you three?
2.3
            MR. WIGHT: Okay. Give me three.
                                                I'11
2.4
   write these down.
25
            AUDIENCE MEMBER:
                               (Dave Putnam.)
                                               The other
```

is the sidewalk. At what point do these 3 foot 1 extensions on either side of the main lane turn into 2 3 sidewalks, which have to be underwritten by the town? The third question is did I hear correctly that the 5 road down to Sedgwick would be closed due to problems 6 with the Town of Sedgwick with the increased traffic 7 flow over that road? Did I hear that correctly? 8 I'll repeat that again. MR. WIGHT: 9 first question, can we replace this with potentially 10 a modern bridge that looks the same? It has been done in other states. 11 They have done it. As part of 12 this project, we have to go through a process that's 13 It's called the National Environmental called NEPA. 14 Policy Act. It was developed in the late '60s. 15 basically whenever we have a project that has federal 16 money and you have federal money here we have to go 17 through this process. And as part of the NEPA 18 approval process we have to get the historical folks, 19 in the case of Maine, Maine Historic Preservation, to 20 sign-off. And generally how that whole process works 2.1 is number one, can you try to avoid impacting the 22 The bridge here, the entire bridge historical item. That's kind of the first preference. 2.3 is historic. 24 The second preference is can you kind of minimize the 25 impacts. And kind of the third option is worst case,

you know, you're going to impact it, can you mitigate it. So a lot of times the historical folks, they would prefer -- their first preference is can you keep this and repair it. They generally don't like trying to replace something that is repairable, and this is repairable, they generally don't like to replace things with a modern facsimile, but technically it can be done, but there are permitting and historic issues to overcome. And there are also constructability challenges. The current bridge weighs like 600 tons, that's -- it takes a lot of equipment, cranes, staging to build a bridge and put it in place. Unfortunately, this is a very tight site with houses on the corners, utility lines, it can be done, but it's very challenging.

2.1

2.3

The sidewalk question. With a rehab option the current bridge has no sidewalk. And for the rehab option we're really not planning any real sidewalk on either end, you know, basically we'll do 11 foot lanes, 3 foot shoulders. In this area where there is parking we're going to pave it and we'll end up with about an 8 foot shoulder. For that option the town would have a share. For a rehab option -- excuse me. For a replacement option it's really similar. Right now, we're not planning a sidewalk

and, again, you know, we're just going to -- the 1 biggest improvement is going to be a paved shoulder 2 3 here for some parking. If the there is a real desire for a sidewalk that's when -- as Andrew mentioned, we have to have discussions with the town and talk about 5 our local cost-share policy. Generally, we do pay 7 for a sidewalk if it's called a qualifying pedestrian 8 Like if this bridge happens to be between a 9 town and a school or, you know, a big pedestrian generator, here is a ball field, you know, we'd put 10 11 in a sidewalk. But here, there is nothing they're 12 So right now our kind of stance going to or from. 13 is, you know, the town will participate in a sidewalk if folks wanted to add a sidewalk. 14 15 AUDIENCE MEMBER: Excuse me, even if there is a recreational area? 16 17 MR. WIGHT: Excuse me? 18 AUDIENCE MEMBER: Even if there is a 19 recreational area as people, as you mentioned, people 20 hang out on the bridge, it still is something that 2.1 the town has to pay for? 22 MR. WIGHT: Right now, that's the state's 2.3 position. But also even if we wanted to technically 24 do it, there are some challenges. Number one, can 25 the bridge actually handle the weight if we wanted to

add a sidewalk to the existing bridge, that's one issue. Getting back to the historic approval, the historic folks want to try to keep the bridge as it is. They may not like adding a sidewalk.

2.1

2.3

AUDIENCE MEMBER: No, I'm talking about to a replacement bridge.

MR. WIGHT: A replacement bridge. For either option adding a sidewalk, you know, we would have to have a discussion with the town on cost-share. Yes.

AUDIENCE MEMBER: Richard Jacoby. Now, about the sidewalk, the picture you showed that you passed around of a similar bridge has a sidewalk on the right-hand side of that picture, so it's not real clear to me when you're talking about the cost-sharing, are you talking about the replacement bridge, which is the picture that you showed which has a sidewalk, would that be incorporated in this replacement bridge and then are you saying that the town would have to pay for only the extension of that sidewalk or is that picture not the bridge that you're going to build?

MR. WIGHT: The picture that I passed around it's similar looking from the side of the bridge just to give you a little sense of it, but right now we're

not planning on doing a sidewalk for our replacement 2 bridge.

1

3

5

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

2.3

24

25

AUDIENCE MEMBER: (Richard Jacoby.) Is the size of the bridge compatible with a sidewalk, a 4 foot sidewalk, in addition to the land or would we have to change the entire plan to do a sidewalk?

MR. WIGHT: If folks wanted to put a sidewalk on here we'd have to basically widen the bridge another 5 feet to put in an ADA compliance sidewalk.

AUDIENCE MEMBER: (Richard Jacoby.) I think one other clarification that you did talk about accident history and on this bridge you may not have the accident history, but there are other bridges in Maine who have had pedestrian deaths of children swimming off the bridge or pedestrians swimming off the bridge. So there is a history of accidents with pedestrians using the bridge for recreation in other parts of the state, so I think it's a concern if you're going to spend that much money on a bridge that you know attracts pedestrians even though you said that it's not a pedestrian bridge because there is no school and ballpark on either side, but the bridge itself clearly attracts pedestrians and we've all seen every day pedestrians on that bridge, so I

1 think that's a key issue that has to be solved one 2 way or another.

MR. WIGHT: Thanks for the comment.

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2.3

24

25

MR. LATHE: Michael, if we could go back, we didn't answer the question on the route. He asked three questions. We didn't come back to the route. You were talking about the Town of Sedgwick.

MR. WIGHT: Oh, thanks for the reminder. We talked about three different traffic -- three different traffic options. One is stage construction. You can't cut the bridge in half and build half at a time. The other option, like I talked earlier, is building a bridge upstream, a temporary bridge. The third option is to close the bridge during construction anywhere from a year-and-a-half to two years depending on which option you build and then folks would be routed around. There is kind of two options to route around. Generally, we like to route folks on state routes whenever possible, they're better roads and we can do it without asking anybody permission. send them down 172 and back up 175. Unfortunately, that's a fairly long detour. It's like 20 miles. That's one option. The other option is do a shorter

loop, which is about 10 miles, but you've got to make

1 use of the roads that belong to the Town of Sedgwick.

- 2 | They're local roads. And Hales Hill Road and Hales
- 3 | Woods Road.
- 4 AUDIENCE MEMBER: (Deborah Brewster.)
- 5 | Brooklin's town -- Brooklin's roads.
- 6 MR. WIGHT: Uh-huh. Anyway, the point I
- 7 | want to make is we just can't sign these as our
- 8 official detour route. We've got to get local town
- 9 permission to do that.
- 10 AUDIENCE MEMBER: Well, what if they don't
- 11 | give you permission?
- 12 MR. WIGHT: That puts us in a real pickle.
- AUDIENCE MEMBER: Do you compensate them for
- 14 using their roads?
- MR. WIGHT: At times we have -- to get
- 16 permission to use town roads we have done
- 17 improvements.
- 18 AUDIENCE MEMBER: (Don Mallow.) But that's
- 19 | not in the budget?
- 20 MR. WIGHT: Right now that's not in the
- 21 | budget, but that's an issue we're going to be
- 22 | investigating.
- 23 AUDIENCE MEMBER: (Don Mallow.) There is no
- 24 | contingency at all?
- 25 MR. WIGHT: Not right now. Right now we

just have preliminary engineering money anyway. We need to get that money and we can go after that money. Right down front.

AUDIENCE MEMBER: Caroline Herrick. If you went to the state roads for people to use, local people know the other roads and they will use the other roads.

MR. LATHE: Shhhh...

2.1

2.3

MR. WIGHT: Good comment. In the blue here.

AUDIENCE MEMBER: Ken Burgess. My comment is we live in a state and a country where our infrastructure is being neglected badly. How can we justify spending more for a bridge that's going to last half as long and isn't going to be as safe and you can say, well, 80 percent is coming from the federal government, but I think most of us pay federal taxes along with state taxes, so I just don't understand how we can consider that.

AUDIENCE MEMBER: It's not that safety isn't an issue.

MR. WIGHT: Thanks for the comment.

AUDIENCE MEMBER: This is not really a comment or a question. My name is Thom McLaughlin. It's a plea. I first crossed that bridge in 1978 trying to find Perry Goldstead's place in the sunset.

That bridge stuck in the back of my mind for a long 1 2 time and now I live down the road from that bridge 3 and what I'm hearing is a lot of mechanical talk about putting down asphalt and pavement and parking 5 places and not enough talk about planning for the aesthetics whether it's repairing that bridge that 6 7 exists or adding a new bridge that seems very cold. 8 That's a very historic site that's very symbol to the 9 State of Maine. And when landscape architects are 10 mentioned and I don't hear anything about landscaping and planning esthetically that really scares me. 11 it's a plea that you, the Department, would engage 12 also the esthetic priority besides the mechanical and 13 14 the cost.

(Applause.)

MR. WIGHT: Thanks for your comment.

15

16

17

18

19

20

2.1

22

2.3

24

25

AUDIENCE MEMBER: (Peg Petro.) By the way, Frederick Law Olmsted is like the father of landscape architecture.

MR. WIGHT: In the black, sir.

AUDIENCE MEMBER: Albert Smith. My concern is -- put out of our mind for a minute new bridge or rebuilt bridge, whatever, my concern is Sedgwick, Brooklin, Blue Hill use of the town roads and it seems to me that as you do your planning of what it's

going to cost the state or the towns there has got to 1 be some conversations and I would suggest if you 2 3 haven't it had to consider getting the three road commissioners, the three fire chiefs and the 5 ambulance people together and talk about roads because Hales Hill Road, for example, I mean, I drive 7 that on a regular basis, two trailer trucks on that 8 road is worse than the bridge. And 175 that we're 9 going to be fixing this bridge so people can get 10 there better, 175 is getting narrower every year 11 through Brooklin. They keep moving the yellow line 12 on the edge in and we've lost 3 inches in the last 10 13 years on each side of the road as you paint it every 14 third year. So my concern is you talk to some of the 15 local people and your consideration of alternate traffic routes. 16 17

MR. WIGHT: That's a great comment. We will be talking with local officials. In the white.

18

19

20

2.1

22

2.3

24

25

AUDIENCE MEMBER: Yes, Mindy Marshuets,

South Blue Hill, year-round person. I am going -- my
comment is really about the things we aren't talking
about and it is about the economy of our community
that relies on Falls Bridge and having that bridge to
cross over. I see the truck -- the cars go by every
day whether it's 1,700 or 3,000. A lot of those are

commercial and it will have an impact if there is no 1 2 bridge to be able to cross over during a two year or 3 year-and-a-half construction -- we saw that what did to the economy in Blue Hill when was it the village 5 in the summer. And it's not just the fishermen, it 6 the carpenters and the construction people and the people that are commuting back and forth. 8 winter months it's almost impossible to be on some of 9 those side roads to get into town. I worry how Falls 10 Bridge Road will be plowed if you don't have a 11 bridge, we're not going to be able to get in and out. 12 On top of it, it won't take 15 minutes more to get into town, it's going to take a half hour to 45 13 14 minutes. I worry about the ambulances. There is a 15 lot of old people in the community that are in Sedgwick or Brooklin that can't afford those extra 10 16 or 15 minutes if there is no bridge alternate source 17 18 of getting around. It's fine in the summer months, 19 you just worry about your deer and whatever animal is 20 going to run in front of your car, but it's different 2.1 after October. And I really think -- there is no one 22 talking here about the economic impact this will have 2.3 on our community for the people who rely on having 24 that bridge functional. I do -- I do worry whether 25 it's a new bridge versus the nicer bridge, but I also

after hearing about one bat has to be protected and 1 2 people who lived here 4,000 years ago have to be 3 protected, I don't hear the conversation being discussed about the people that -- the summer people 5 rely on and that the people who live here year-round 6 have to live and have to function and have to know the fire department can get to their house and the 8 ambulance can get to their house and that we don't 9 really hurt the economy of this community whatever 10 bridge we decide to do. There has to be another --11 in my opinion, I can't imagine not having an 12 alternate bridge whether you have to sit at a stop light for 5 minutes and not during the months that 13 14 are -- that you're going to be working and so that is 15 a real concern for me. I love the existing bridge. It's very nice, but I am also shocked that there has 16 17 only been two accidents because I almost get hit 18 three times a week. Only because I know how to drive 19 over that bridge and I almost -- somebody just ran 20 out in front of me, a young person, on that bridge 2.1 too. They were, you know, going to jump over the 22 It's an accident waiting to happen. side. If there 2.3 is records for two years or three years and there are 24 only two accidents, thank God, we've been blessed, 25 but I do get concerned about the summertime with

```
getting hit or somebody being hit and I'm also
 1
 2
   concerned about treacherous -- our road commissioner
 3
   does a great job on that bridge, but it's still
   treacherous in the wintertime which some people have
 5
   to deal with and those are my concerns.
                                             And I hope
 6
   that there would be a meeting with the stakeholders
   of the economy of this community year-round and hear
 8
   what they have to say, not just about aesthetics but
 9
   how this will impact their livelihoods and the cost
10
   of what this community is about.
11
            MR. WIGHT:
                        Thank you.
12
            AUDIENCE MEMBER:
                             (Don Mallow.) What is the
13
   $5 million repair of the bridge based on?
                                                Just
14
   removing concrete and replacing concrete?
15
   know what the steel connections are like now? Have
   all of those steel connections that are encased in
16
17
   concrete been looked at or is this really just an
18
   open-ended affair that this becomes a can of worms?
19
   Once you begin to work on the repair of the bridge
20
   you don't really know where it goes.
21
            MR. LATHE: Sir, could we get your name,
22
   please?
2.3
            AUDIENCE MEMBER:
                               (Don Mallow.)
                                              I'm sorry?
```

MR. LATHE:

Your name, please?

AUDIENCE MEMBER: Don Mallow, M-A-L-L-O-W.

2.4

1 MR. WIGHT: Good question, Don. Several 2 years ago I was out here with a whole team for about a week in December and we did some extensive 3 exploration of the bridge to determine if it can be 5 repaired, what is the condition of the bridge. Wе 6 did a number of concrete samples. We did -- we crawled all over the bridge. We actually chipped a 8 couple of spots right down to rebar so we could get a 9 sense of what condition the reinforcement steel is 10 in. And we also made some use of some technology 11 that kind of looks into the concrete and we're pretty 12 confident the bridge is repairable. It's got some 13 life left in it, but I also give the caveat it's like 14 anything, you start fixing up a used car and 15 sometimes you find more problems once you actually 16 get out there and start hammering. 17 AUDIENCE MEMBER: (Don Mallow.) If you fix 18 up the bridge, will it be as good as when it was 19 first built because it's gone almost 90 years? 20 MR. WIGHT: It will be darn close. I can't 21 say it's going to be absolutely 100 percent back 22 to --2.3 AUDIENCE MEMBER: (Don Mallow.) But why are 24 we only assuming 30 or 40 years for the repaired 25 bridge?

```
1
            MR. WIGHT: Basically there is one or two
 2
   spots where we showed rebar and the rebar is just
 3
   starting to corrode just a little bit and basically
   it's very difficult to stop that corrosion totally
 5
   dead in its tracks. The rebar will slowly corrode
 6
   over time. There are some strategies you can use to
 7
   delay it, but eventually that rebar will corrode and
 8
   basically that's kind of where we got 30 to 40 years.
 9
   Concrete repairs only last so long.
10
            AUDIENCE MEMBER:
                              (Don Mallow.)
                                             How long
11
   will the bridge go now before you declare it shut
         How bad is it?
12
   down?
13
            MR. WIGHT: Right now the bridge is safe for
14
   all legal loads. Right now we're inspecting it on
   roughly a yearly cycle. If any issues do come up
15
16
   they will either do a maintenance repair or we'll
17
   load post it, but the bridge is safe.
18
            AUDIENCE MEMBER:
                             (Don Mallow.) So would it
19
   go 10 years, 15 years --
20
                        I really can't --
            MR. WIGHT:
2.1
            AUDIENCE MEMBER: (Don Mallow.)
                                            -- before
22
   you shut it down?
2.3
            MR. WIGHT: -- give you that number because
   a lot of times with older bridges what happens is it
24
25
   will be good for quite a while and sometimes it will
```

1 take a quick nose dive. I'll be honest, it's tough
2 to predict when they really go downhill. We're
3 hoping to get there before it does that.
4 AUDIENCE MEMBER: (Don Mallow.) Okay.

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2.3

24

25

MR. LATHE: Michael, woman in the back.

MR. WIGHT: The woman in the back.

AUDIENCE MEMBER: Thank you. My name is Anne Luskey. I own the house on the northwest corner, Wakonda. Thank you for giving us this opportunity to hear what you have planned. I have a number of questions, which I have written down so I won't forget them. Is the clearance under the proposed new bridge higher than the original bridge and, if so, I am concerned that that would increase traffic in the Salt Pond. Boat traffic. Does the width of the approach increase with the new bridge and, if so, how far north will it go up into my property? Would the utility lines be buried if you're doing utility work? As far as speed control, does the State of Maine use speed cameras and, if so, would they consider putting speed cameras on the bridge? If the state decides to build a temporary bridge, which I can totally understand them needing to do, it would significantly impact my property and the property across the water from me and I am

```
wondering would the state repair or replace trees
 1
 2
   that they're taking down? What would they do to
 3
   protect the trees on my land and how would they
   repair or replace that? And then I just wanted to
 5
   state that I would prefer that they refurbish the
 6
   bridge, the existing bridge. One of the real things
 7
   that brought me to that property, to buy that
 8
   property, was the bridge.
                               It's, you know, it's
 9
   something that I love and adore and I get to -- I am
10
   blessed to look at every day and it's an incredibly
   beautiful bridge, so I just want to go on record for
11
12
   saying that. I really hope that the state would
   repair the existing bridge.
13
14
                        Okay. This is a long list.
            MR. WIGHT:
15
            AUDIENCE MEMBER: (Anne Luskey.)
                                              Yup.
16
            MR. WIGHT:
                        Okay. Item one, clearance over
17
   the water for the new structure. Right now our
18
   thinking is if we put a new modern bridge in here the
19
   bottom of the beam would be the same elevation of the
20
   bottom of the beam of the current bridge.
2.1
   wouldn't be increasing the clearance. It's kind of a
22
   basic philosophy. Or probably the worst case if we
2.3
   want to deal with the sea level rise it may go up a
24
   foot or two but nothing dramatic. So that's your
25
   clearance question.
```

Width of the new bridge and how far the 1 2 approaches would extend. Like I mentioned earlier, 3 for a modern bridge it would be 28 feet wide curb-to-curb. That means you have two 11 foot lanes and 3 foot shoulders. We haven't necessarily 5 6 finalized the footprint for this project. It will 7 come up soon, but kind of worst case is, let me see, 8 about 250 feet to the north and probably another 250 9 feet to the south beyond the bridge is probably the 10 kind of the limits of what we're thinking. You know, right now you have roughly two 12 plus or minus lanes 11 12 of pavement and 2 to 3 foot shoulders. In reality our 28 foot road is really just going to kind of pave 13 14 what's gravel right now for shoulders and we'll 15 basically match into the existing end of the project, so roughly 250 feet in either direction from the 16 17 bridge.

AUDIENCE MEMBER: (Anne Luskey.) And so that would go 8 feet in from the existing road on all sides or just on the on the Wakonda side?

18

19

20

2.1

22

2.3

24

25

MR. WIGHT: The only place we're going to go wider than the 3 foot shoulder we're thinking right now is on this northwest shoulder. There is kind of a wide shoulder right now where all of the kayakers park and in this location we're considering an 8 foot

1 shoulder. We're basically we're going to pave what's 2 gravel right now.

MR. WIGHT: Okay. Next one. Utilities, are they going to be buried. Right now there is no plans to bury the utilities. Right now state law -- there is some state law that basically says the utilities will go with the least cost option. If folks want utilities buried that's another issue we'd have to talk with the town about paying for burying utilities.

MR. LATHE: It's also a ledge consideration as well. Ledge is right there in most instances.

AUDIENCE MEMBER: (Anne Luskey.) I'm sorry?

MR. LATHE: There is ledge right there as

well, so you'd almost have to, you know, drill and blast into the ledge if you wanted to try to do that.

MR. WIGHT: Speed cameras. Right now as far as I know there is no state law actually allowing us to do speed cameras. I know a few other states in the country have done it. I am not aware of any plan of laws to be passed to allow speed cameras, so if you want to talk to your local legislator and start

you want to talk to your local legislator and start

23 | that process, good luck.

2.1

And a temporary bridge, your questions about the impacts, there will be impacts. As part of our

right of way process generally to put in a temporary 1 2 bridge we have to get temporary rights from the 3 abutting property owners and we do our best to kind of restore the land back the way it was before. 5 know this particular site there is pretty good screening trees that will be coming and we would 6 7 probably most likely will include landscaping plan 8 with this project and include a number of large trees 9 to try to restore as best we can. Okay. Next. 10 AUDIENCE MEMBER: I'm Elizabeth Nevin. Just 11 a quick question, what is the process by which you 12 obtain permission from property owners to operate beyond your legal right of way? How does that go? 13 How does that work? 14 15 MR. WIGHT: I'll touch on the highlights. 16 Have you grabbed a little blue book? This goes 17 It's a multi-step process. First of all, in-depth. 18 we determine the footprint of the project. Our right 19 of way folks actually then look at the right of map 20 to determine, you know, what are the impacts on a 2.1 property and we have to decide are we going to take a 22 piece of property or are we going to get just 2.3 Some of those easements are permanent easements. 24 like to do slope work, do drainage work, like put a 25 ditch in or something. Sometimes it's just a

temporary right. One great example here is if we do a temporary bridge, I mean, we just get temporary rights from the abutters to put a temporary bridge in and then remove it and it's outlined in here. And then we basically go through a process where we determine the fair market value for a property and then we determine an offer based on the fair market value. We actually look at properties in the area and what they sell them for and then they talk to the property owner, try to do it face-to-face and make an offer. That's kind of the basic steps in the process. Help yourself to a brochure and it goes into a lot more depth. Over here, plaid shirt.

2.1

2.3

AUDIENCE MEMBER: My name is Dick Marshuetz and I didn't know what Mindy was going to say, so but she shortened what I was going to say considerably. We live a couple of miles from the reversing falls. We're here year-round. I figure we cross that bridge 5 or 600 times a year. It is an attractive bridge and we did very much move here for the beauty of the area, but I think if you rank the waters and the islands and the landscape and the architecture and all of the other aspects of this beautiful peninsula the bridge doesn't make it to the top five and then you do have the economic impact. We've got three

restaurants empty and decaying downtown not paying 1 any taxes. We've got similarly vacant buildings all 2 3 over this peninsula, which to me is another aspect of beauty. It means that the people -- the young people 5 here can't find work who want to stay here and they can't raise their children here and earn a decent 7 living wage so they have to move away and almost any 8 place they move to is less beautiful than this. 9 then I look at the choices we've been given and, 10 frankly, I think they're a choice between bad and 11 worse. I looked up the -- something about 1925 when 12 the bridge was built. The Model T Ford was a little over 5 feet wide. Updated version of that, the Ford 13 14 F-150 and the Dodge, what is it, Ram and the 15 Chevrolet Silverado and the Toyota version, all of those are over 8 feet wide, so combined 6 more feet 16 17 when they cross each other and it does seem like 18 about half of the vehicles on this peninsula are 19 pickup trucks. 6 more feet. That bridge doesn't --20 yes, you can do it. That bridge was not built for that. It was built in 1925 for Model Ts. And then I 2.1 22 think about what you folks did, I think you gave away 2.3 a secret when you replaced a beautiful but 24 deteriorating and rickety bridge over the Penobscot 25 River with a beautiful cable stay bridge that is

sturdy and accommodates today's needs. I'm not 1 2 suggesting we put a cable stay bridge over the 3 reversing falls, but I am suggesting that modern public works don't have to be ugly. So, I mean, I 5 would hope that one of the things that comes out of 6 this meeting is that we do discuss the two options that you've been pretty clear are and trying to say, 8 I quess, that those are our only options. I don't 9 accept that. We all pay taxes. We pay federal 10 taxes, we pay state taxes and I don't think many 11 people here would raise their hand as candidates to 12 be second class citizens. I think we deserve a better choice and I think that you folks ought to go 13 14 back and do at least as good a job as your 15 predecessors did in 1926 and as your colleagues did about eight or nine years ago with the Penobscot 16 17 River Bridge. I think this is the -- we're just 18 talking about the least worse option and I don't 19 think we ought to be there in 2015. 20 (Applause.) 2.1 MR. WIGHT: Thank you. Over here. AUDIENCE MEMBER: Yes, my name is Donna 22 2.3 Constantinople and I live near the Mill Pond, which 2.4 of course is fed in from the Salt Pond, so it's 25 really all one.

MR. WIGHT: Yup.

1

2 (Donna Constantinople.) AUDIENCE MEMBER: 3 My questions have to do with your previous reference to the NEPA and also I want to talk about the public 4 5 participation process and the third is the temporary 6 bridge cost that you're mentioning if we do have to 7 So going back to the NEPA process, does this 8 project require an environmental impact statement and that has a timeline and also a cost, which I just 9 10 want to understand. And usually that requires an 11 esthetic landscape piece from my professional 12 background. I know that. On the public participation process, which is part of -- which is 13 14 where we are now I would like to know where in that 15 process you are because it seems to me this could be 16 the last opportunity -- my understanding was you had 17 one previous meeting and then this one is really sort 18 of for the from aways and that would indicate that 19 you are then going to make these decisions and it's 20 really not -- I mean, we can give our input, but my 2.1 understanding of the public participation process is 22 this is the last of that and you will then make the decision and that's it. 2.3 These are the two options. 24 The gentleman who just spoke mentioned he'd like a 25 There really isn't a third. So I would like third.

```
you to level with us about where you are in the
 1
 2
   public participation process in terms of further
 3
   input that we would have on this project. And then
   the final one is the bridge, the temporary bridge,
 5
   because you've not mentioned any budgetary cost to do
   that and I'm not -- I am confused about where that
 7
   is.
        Those are my things.
                               Thank you. And you have a
8
                I really, you know, I really --
   tough job.
 9
            MR. WIGHT:
                        Thank you.
10
            AUDIENCE MEMBER: (Donna Constantinople.)
11
   -- appreciate you trying to --
12
            MR. LATHE: Did you get that and put it on
13
   the record.
14
            AUDIENCE MEMBER:
                               (Donna Constantinople.)
                                                        Ι
15
   know how difficult it is and this is not, you know,
16
   it shouldn't be us against you. I understand that
17
   you want also to see the best outcome and I think
18
   it's worth saying. This is not an easy project
19
   clearly.
20
            MR. WIGHT:
                        It is not.
                                    This is probably
21
   going to be one of our most complicated projects in a
22
   long time for the Department. As Andrew mentioned
2.3
   earlier, we've got a tremendous number of constraints
   here. There are certain options, you know, I'd love
24
25
   to do, but I've got to get historic okay, I've got to
```

```
avoid archeological concerns --
 1
                               (Donna Constantinople.)
 2
            AUDIENCE MEMBER:
 3
   Right.
            MR. WIGHT: -- a whole slew of issues that
 4
 5
   really tie my hands at DOT. The first concern is
 6
   about the NEPA process.
                             The NEPA process follows --
 7
   there is three levels of the NEPA process --
 8
            AUDIENCE MEMBER:
                               (Donna Constantinople.)
 9
   Right.
10
            MR. WIGHT: -- There is categorical
11
   exclusion, which is 95 percent of the projects that
12
           These are projects that have minimal impacts.
   we do.
13
            AUDIENCE MEMBER: (Donna Constantinople.)
14
   Right.
15
            MR. WIGHT:
                        Projects that are built
   virtually on the same alignment, you're not taking
16
17
            There is also -- there is kind of an
   homes.
18
   intermediate called environmental assessment. We're
19
   not quite sure if it's a little project or a big
20
   project. If it's a really big project where you're
2.1
   drastically moving the road, generally it's like 500
22
   feet or more, those are environmental impacts.
2.3
   best assessment right now is this project falls into
24
   the categorical exclusion category. It's a project
25
   that isn't going to impact any homes, it's virtually
```

1 on the same alignment and we're doing our bare bones

- 2 best to keep all of the impacts to a bare bones
- 3 | minimum.
- 4 AUDIENCE MEMBER: (Donna Constantinople.)
- 5 | Well, but the environmental issues you cited earlier
- 6 can also ignite the environmental community with
- 7 regard to wildlife, fisheries, commercial people who
- 8 | will weigh in, my question is are you -- have you put
- 9 | that -- is that done? I mean, you've already gone
- 10 | through that and you're well beyond that or is that
- 11 | something you face in the future?
- MR. WIGHT: We have done preliminary
- 13 outreach on a lot of these issues. We have some
- 14 preliminary information. We know there is endangered
- 15 | species of a variety of numbers here.
- 16 AUDIENCE MEMBER: (Donna Constantinople.)
- 17 Right.
- 18 MR. WIGHT: We still have to get final
- 19 | sign-off as part of our NEPA process. There is a
- 20 | Section 7 sign-off --
- 21 AUDIENCE MEMBER: (Donna Constantinople.)
- 22 Okay.
- 23 MR. WIGHT: -- we have to get, so there is
- 24 | still some extensive --
- 25 AUDIENCE MEMBER: (Donna Constantinople.)

```
1
   So you haven't done the Section 7 yet?
 2
                             Until we pick an option --
            MR. WIGHT:
                        No.
 3
            AUDIENCE MEMBER: (Donna Constantinople.)
   Okay. Now, I understand.
 5
            MR. WIGHT: -- then that process will move
 6
   forward.
 7
            AUDIENCE MEMBER: (Donna Constantinople.)
 8
   Okay.
 9
            MR. WIGHT: You had a question about public
   participation. This is our third meeting that we've
10
         We had kind of an initial, you know, blank plan
11
   had.
12
   where we have no idea, kind of a start-off meeting.
13
   Last year we had a meeting in November and we got
   feedback from folks. We're here again to get
14
15
   feedback from everybody, but we wanted to come back
   in the summer for summer folks and that would be
16
17
   additional public participation, but we're going to
18
   go back after this meeting and finalize our
19
   preliminary design and pick an option and then we
20
   will be back to talk about that option.
2.1
            AUDIENCE MEMBER: (Donna Constantinople.)
22
   But at that point the decision is made.
2.3
            MR. WIGHT:
                        Not necessarily. It we get
24
   significant public opposition -- at times as a
25
   Department we have taken a step back and
```

1 | re-evaluated.

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2.3

24

25

AUDIENCE MEMBER: (Donna Constantinople.)
And what's your time line for that?

MR. WIGHT: We're hoping probably sometime next year. Hopefully in the first half of the year we'll be back with a selected option. A lot of it is dependent on how the archeological dig gets complete That's really the key issue that we need this year. to know about to finalize the footprint of our project. But, just to give you a for one instance, Andrew and I were recently out at a project in North Haven, we presented a project and we encountered some significant opposition and instead of pushing ahead with the project we did tell the locals, hey, we're going to hold the project off for a year, we're going to work with the locals and sometimes that does happen. And even if we pick an option sometimes there are still small things we can deal with even when we pick an option, so there is going to be additional public participation.

The temporary bridge, you know, right now our project will include this. In a perfect world I'd love to close this, but I do understand we have got feedback from emergency management folks, they are concerned about long response times. There is

1 definitely impacts to the school busses. There is

- 2 | impacts to area folks getting to work and going
- 3 grocery shopping. But, you know, it does save money
- 4 and the project can get done quicker if you're not
- 5 | having to fight with traffic. Even a temporary
- 6 detour off to the side at times you're going to be
- 7 | fighting with traffic. At this particular site this
- 8 is going to be a very challenging spot to build a
- 9 temporary detour. There is very fast, deep water
- 10 here.
- 11 AUDIENCE MEMBER: (Donna Constantinople.)
- 12 Yeah.
- MR. WIGHT: I mean, we haven't
- 14 cost-estimated it, but just based on past experience
- 15 | it's probably going to be a quarter of a million
- 16 dollars and up.
- 17 AUDIENCE MEMBER: (Elizabeth Nevin.) That's
- 18 | low.
- 19 MR. WIGHT: It's a very difficult spot to
- 20 | construct a bridge.
- 21 AUDIENCE MEMBER: (Elizabeth Nevin.) That's
- 22 | low. That's a low number --
- 23 MR. WIGHT: It's a low number.
- 24 | AUDIENCE MEMBER: (Elizabeth Nevin.) -- and
- 25 | you know that.

```
1
            MR. WIGHT: I bet it will be closer to
 2
   probably half a million dollars. We haven't done the
 3
   estimate, but it's going to be in that vicinity.
   the other issue I want to just touch on is it's not
 5
   just pure cost, it's the impacts. You've got
 6
   historic properties here, here, archeological stuff
 7
   we're trying to avoid. It's going to be a big impact
 8
   to properties and we really want to try to minimize
 9
   impacts. I think that was all three. Okay.
   purple here.
10
11
            AUDIENCE MEMBER:
                              So you've given us one
12
   option for a new bridge and clearly it's pretty
13
   generic.
             Is there nothing else in your arsenal that
14
   the State Transportation Department where you have
15
   different bridges for different sites or it's
16
   something that's more interesting than what you've
17
   presented?
            MR. WIGHT: There are other structures that
18
   fit here --
19
20
            AUDIENCE MEMBER: But what made you go to
2.1
   that one generic one?
22
            MR. WIGHT: For this particular span, the
2.3
   span is about 100 feet, the most cost-effective, most
```

constructible bridge is a beam type bridge. A lot of

bridges like arches, as mentioned earlier cable stay

24

```
1 bridges, they fit and they're the most cost-effective
```

- 2 | in a lot bigger spans, you know, and 80, 90 percent
- 3 of the bridges in Maine are beam type bridges. This
- 4 | is the -- in this span range a beam type bridge is a
- 5 good fit.
- 6 AUDIENCE MEMBER: (Don Mallow.) That's
- 7 precast that comes in a 100 foot span?
- 8 MR. WIGHT: It would be a 100 foot long
- 9 precast beam with a deck on top of it.
- 10 AUDIENCE MEMBER: (Elizabeth Nevin.) Did
- 11 | you ever come up with an estimate for building the --
- 12 replicating the existing bridge from scratch as the
- 13 gentleman suggested?
- MR. WIGHT: At this point, no, we haven't.
- 15 AUDIENCE MEMBER: (Elizabeth Nevin.) You
- 16 haven't looked into that. Are you going to?
- MR. WIGHT: We'll consider it, yeah.
- AUDIENCE MEMBER: (Elizabeth Nevin.) Why
- 19 haven't you considered it?
- 20 MR. WIGHT: Number one is cost. It will
- 21 | cost quite a bit more.
- 22 AUDIENCE MEMBER: (Elizabeth Nevin.) Yeah,
- 23 we all know what it's going to cost.
- MR. WIGHT: I can tell you right now based
- 25 on experience I've seen it done in other states, it

is -- to prefab it and literally to get it to the site it's a challenge. And this particularly -- I mean, a lot of times this will be barged in and due to the reversing falls it's tough to get something that big, 600 tons --

6 AUDIENCE MEMBER: (Elizabeth Nevin.) It 7 sure is.

MR. WIGHT: -- is a challenge.

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

2.3

24

25

AUDIENCE MEMBER: Just a couple points from the municipality point of view. Jim Schatz, a selectman. Two -- first of all, our expectation is no matter what option is selected that we'll have an opportunity to sit down and talk about special features whether it be pedestrian walkways, external or internal, but I say external, we talked about those earlier, and any design features if they have to be cost-shared with the town we would want to put it before the -- put that before the legislative body and probably be able to participate in those modifications and that would include landscaping that goes beyond what was provided in the actual plan. And then we've already started the conversation, obviously we don't know starting dates, but deploying emergency vehicles and what does it mean for school busses, you know, and what might we do as alternative transportation options. So those -- that seems to be started. Obviously, we don't have any plans in place, we won't until it gets to be more specific, but we would also be receptive to ideas around those logistical pieces that people would think of after you leave this meeting or sometime in the next six months or year or whatever so that we can incorporate that into this negotiating process that will be taking place I believe.

1

2

3

5

6

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2.3

24

25

(Dottie Hayes.) AUDIENCE MEMBER: Yes, I'm one of those people who remembers being driven across the new bridge when it was built as a very small child. I am very interested in preservation of what is old and valued and so on, but my main concern in a case like this is what is good for the generations coming up, what is going to be the most practical, safest, the most reasonable, the most efficient, the most economical because we can't regress and go back to what's been and so in moving on either repair and preserve what we thought for as long as it can last, but don't to the expense of doing something purely because it might please our eye. That is not going to be a practical solution to the needs of the community. And if the community is going to grow as it seems to be doing with young people coming along

and hopefully working here and that sort of thing,
you need good serviceable roads, you need a good
serviceable bridge. I'd like to think that the
Department would be conscientious in trying to design
whatever they build to be pleasing within reason of
practicality. And I think, though I personally would
regret that the old bridge had to go, I would like to
be sure that my great-grandchildren would have a good

MR. WIGHT: Thanks for the comment. Can I get your name for the record?

12 AUDIENCE MEMBER: Dottie Hayes.

9

10

11

15

16

17

18

19

20

2.1

22

2.3

2.4

25

bridge to go on.

MR. WIGHT: Thank you. Way in back in the white.

AUDIENCE MEMBER: I am curious to find out something -- Jan Drior-Crofoot from Blue Hill Falls. When I returned this spring I was horrified to see the whatever you want to call the construction rebuilt, whatever, on the south side by Arcady and I am wondering, did the DOT have any conversations with the public on that? I don't remember anything in advance to fore warn us of what was being done there and I find it just so unattractive. It's very volatile and was that done in anticipation of the eventual reconstruction or rebuild of the bridge?

MR. WIGHT: That work was not done in 1 2 anticipation of this project. Actually, the abutting 3 property owner brought this concern to us. concerned about erosion. They realized that their trees weren't in the best of condition and we 5 6 basically worked -- our maintenance folks, our region 7 out of Bangor worked with the abutting property owner 8 and realized, you know, there is an erosion issue and 9 he kind of worked cooperatively and we got an okay 10 from the property owner to take those trees down and 11 unfortunately when a slope is this steep, you know, 12 when it's a slope with a 15 percent grade the only 13 way to prevent erosion is to put rip rap on. AUDIENCE MEMBER: (Jan Drior-Crofoot.) 14 15 Thank you. In the corner over here. 16 MR. WIGHT: 17 AUDIENCE MEMBER: Dave Putnam again. Thanks 18 for letting me speak twice. I wanted to say 19 something sort of philosophical maybe about the 20 narrowness of bridge. Bridges are, you know, sort of 21 by definition the narrow point in a flow system. 22 We've got to expect this. And I think to -- I think 2.3 one of the first speakers brought up the possibility 24 that the very intimidating visual picture which this

bridge presents quite clearly to people at the top of

both hills is a pretty strong safety encouragement 1 2 This is not a bridge you come upon blind 3 folded. I am frequently very willing to pause and let a wide truck cross the bridge before I jump on 5 there. It's easy to see it coming and it's easy to 6 It requires a little bit of patience. pause. requires a little bit of observational capacity, but 8 for us to expect bridges to allow total free-flow the 9 same way as an 11 lane road with 3 foot shoulders 10 does a lot. I think it's asking maybe something the 11 bridges aren't necessarily required to give us. 12 Bridges restrict our access and this is okay in a lot This is why Brooklin is the way it is for 13 of ways. 14 I wonder whether you have considered the one reason. 15 possibility of a bridge without a 3 foot shoulder on either side, which would allow it to be only a 22 16 17 foot wide bridge, which perhaps would significantly 18 cut down on the expense and on the landscaping 19 considerations on the approaches to the bridge. We 20 don't -- do we really need 3 foot shoulders? 2.1 one question. And I also would strongly wish they 22 would consider the cost and be able to inform us 2.3 somewhat of the cost of replacing the existing 24 structure with our sophisticated and superior 25 technology with something which is quite similar to

what it is was. We have a very good bridge 1 2 department at the University. They're doing all 3 sorts of research in alternate construction techniques with fiberglass for example. Very light 5 weight, very strong carbon fibers, you know, this is 6 available to us. We don't need to build it out of, 7 you know, however many tons of concrete for it to 8 look just the same and basically from the same 9 footprint. And I would wish that you would be able 10 to present to us the next time you come with your 11 suggestions to ask them what we think of them, maybe 12 you would be able to give us that as another 13 consideration and also the narrower bridge as another 14 consideration. Thank you. 15 MR. WIGHT: Okay. Thanks for your comment. There was one question there about a 3 foot shoulder 16 17 for a replacement bridge. I guess for right now we 18 would be very leery about putting some sort of 19 shoulder on there to accommodate pedestrians and 20 bikes. We're really concerned about trying to 2.1 improve safety a little bit for those folks. And our 22 general rule is to kind of try to match what's on the 2.3 approaches and depending on where you measure the 24 gravel shoulder, I mean, the road itself is roughly 25 26 to 28 foot wide and we try to match the road

that's out there. Right here in green.

1

2

3

5

6

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2.3

24

25

AUDIENCE MEMBER: David Gray. I am a building contractor down in South Blue Hill, so I'm concerned with the -- as far as the business aspect of it goes, but more concerned and curious as far as the state goes as the first responders. Being on the fire department there is probably three including the chief that live in South Blue Hill and I'm wondering at what point the state puts -- how much the first responders weigh in on being able to get across a temporary bridge, you know, how much of a, you know, do you put the price of that bridge in front of say loss of life because I don't think there are too many people here in this room that actually understands the response times. You have a medical emergency or you have an emergency with the fire department that where you need to call in mutual aid, now all of a sudden that mutual aid is a lot further away, you know, so right now we have great mutual aid, you know, the towns do an excellent job of mutual aid, but not having a bridge there you're going to -- you really increase the loss of life by not having a bridge there. I mean, like seriously increase it. And I don't think there are a lot of people that understand that in this room that by -- I mean,

you're talking say however many minutes that you guys are figuring, you're talking like, you know, it's a make or break situation, so I'm just wondering how much do they actually take that into consideration.

MR. WIGHT: Thanks for the comment.

(Applause.)

1

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2.3

24

25

MR. WIGHT: It's definitely a factor. We definitely take it into account. Virtually every project where it's a concern we talk with the fire chief, talk with the police, we talk with the town officials. On some projects it's a very short-term, you know, a lot of times mutual aid you have mutual aid and try to make sure those agreements are in place and pre-planning is done. We've got a few projects where it is only closed for a few days or a week, you know, we'll talk with the fire chief and he'll say, okay, I'll place an ambulance on the other side of the bridge, you know, or I'll put at fire There are ways to deal with this, but it definitely is an issue we take seriously and definitely consider as a factor. In the pink.

AUDIENCE MEMBER: Peg Petro again. You know, I am -- to your point, too, really concerned about extra pedestrians being on that bridge because they jump off the rails. I mean, it is not folks

just walking out to see something. I mean, if we had to have sidewalks there I think safety-wise on the outside is more safe, but I just -- that makes me nervous actually. As bikers, I think the same thing as a wide truck, right, we slow down, we let them go over it, it's 100 feet. It's not a lot of time, but I think the wider, the faster the speed, the more people, the more chances for accidents, you know. And then one other thing, I have a question, you said that the temporary bridge needs to go towards the Salt Pond side, is that because of easements? Ιs there any potential that it can go to the other side? And the only reason I bring that up right now is, not to bring up a sore subject, but the trees are already down. And so is something like that possible to come over the rip rap and down onto the road just temporarily and then it gets, you know, a little bit more esthetic later on. I'm still not -- I'm bothered by more pedestrians. The bikers, we -- I think we just slow down. You just let them go. It's 100 feet. MR. WIGHT: Thanks for the comment. question about temporary bridge location. Just for everybody's information, if we build a temporary bridge in order to accommodate the swing of large

1

2

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2.3

24

tractor trailers, and we have to, it requires a fair amount of real estate to accommodate the swing of the truck in and out. Even if we put it down here there is going to be trees taken here and there will be trees taken here, so there is going to be impacts whether we go upstream or downstream. The big reason we're leaning towards upstream is, you know, a lot of the archeological concerns are on the downstream side. I don't want to say 100 percent certain that you couldn't go downstream, but I'm 99 percent sure it's going to be very difficult to go downstream. In the middle here. Oops, finish up.

2.1

2.3

AUDIENCE MEMBER: (Peg Petro.) One more question. So like on the tractor trailers and stuff, I mean, can't we have like limitations or restrictions for vehicles that large and that heavy, number one, that will help make the bridge last a little longer. They don't -- I mean, I don't know how many tractor trailers go over it a year, but for the number that do going around may not be a big deal, but for safety, again, getting first responders across that bridge and for folks that live there all year or folks that are just summering here that may be an industrial bridge that may cost \$250,000 instead of 500. Just food for thought.

```
1
            MR. WIGHT: Yup. I'm not sure if they're
 2
   here, but at the last public meeting there are
 3
   several businesses in South Blue Hill that have
   trucking. We actually drove the bridge this
 5
   afternoon and a large tractor trailer almost clipped
 6
   us pulling up to 175. There are tractor trailer
 7
   trucks and we need to accommodate all legal vehicles
 8
   on the road.
 9
            AUDIENCE MEMBER:
                               (Peg Petro.) But we're
   either not accommodating any or we have to
10
11
   accommodate all, so like there is only two options
12
   for a bridge is there a potential happy medium for
13
   that where we provide for the majority?
14
                        If you started to not
            MR. LATHE:
15
   accommodate the large tractor trailer trucks you
16
   start to not accommodate the large emergency and
17
   first responder vehicles as well.
18
            AUDIENCE MEMBER: (Peg Petro.) But not an
19
   ambulance.
20
                        No, but the fire trucks and --
            MR. LATHE:
            AUDIENCE MEMBER:
2.1
                             (David Gray.) No, not the
22
   fire trucks. You're not talking the same --
2.3
                               (Peg Petro.)
                                            A fire truck
            AUDIENCE MEMBER:
```

potential, right, you have a fire truck on the other

can be on the other side again, maybe that's a

24

1 side, an ambulance can go over it. A tractor trailer
2 is not going to save anybody's life.

Thanks for the comment. Next?

MR. WIGHT:

2.3

2.4

AUDIENCE MEMBER: My name is Deborah
Brewster, I'm a selectwoman in Brooklin. And I agree
that I think you should consider a temporary bridge
for emergency vehicles only. And secondly, I am
wondering if MDOT helps with engineering or looking
at the best possible detour routes because the roads
that you're talking about through Brooklin are very
much secondary, very narrow roads and they both have
very narrow bridges. So I'm hoping that there will
be a lot of communication and some help with
engineering to determine the best detour routes.

MR. WIGHT: As part of this process our -myself, Andrew, the region traffic engineers, we will
be looking at the detour routes. We'll drive them,
we'll make some assessments and be talking to all of
the local towns.

AUDIENCE MEMBER: (Elizabeth Nevin.) I wonder if you're interested in polling the group to see who is in favor of a new bridge, an old bridge or a rebuilt bridge.

MR. WIGHT: I'm going to do that at the very end.

AUDIENCE MEMBER: (Elizabeth Nevin.) You're going to do that at the very end. All right.

MR. WIGHT: I want everybody to hang on until the end. I want everybody to make their comments.

2.1

2.3

AUDIENCE MEMBER: (Elizabeth Nevin.) I was hoping it was the very end.

MR. WIGHT: We're almost there. Any other questions, comments? Anybody want to comment on temporary bridge versus detour or replacement versus new bridge?

AUDIENCE MEMBER: Hi. I'm Robin Wilder,
South Blue Hill. I have two questions. One is about
materials that -- would you be using the same
materials and whether it's the replacement bridge or
rehabbing the bridge? I mean, I know there are all
kinds of modern kinds of concrete and materials or
would you just be using older stuff? That is the
first question. The second question is the
approaches to the bridge, you were talking -- I think
you mentioned asphalting one side for cars to park?

MR. WIGHT: Yes.

AUDIENCE MEMBER: (Robin Wilder.) Wouldn't that degrade the environment there? I mean, you're not supposed to use asphalt and use gravel or

whatever is much better than run -- for run-off 1 2 purposes. 3 MR. WIGHT: The first question as far as materials, we're going to use somewhat more modern 5 materials if we do the rehab. We'll patch it as best 6 we can. We'll try match the color as best we can, 7 but I can't guarantee it will -- it won't be a 8 There will be spots. It will look a perfect match. 9 little different than the current concrete. I mean, I can't quarantee it's going to be a perfect match. 10 11 AUDIENCE MEMBER: (Robin Wilder.) No, I 12 wasn't talking about matching, I was talking about 13 longevity. The concrete that you use nowadays is 14 much stronger or different formulas than were used 15 when this was made and rehabbed over the years, are 16 you going to be using the latest materials? 17 MR. WIGHT: We will be using the latest 18 materials on this project. 19 AUDIENCE MEMBER: (Don Mallow.) How much? 20 MR. WIGHT: Basically, we kind of call it --2.1 we'll give it a generic name, high performance 22 concrete. It's concrete that's very dense and very 2.3 strong and holds up better and is more durable than 2.4 what was used before. 25 AUDIENCE MEMBER: (Robin Wilder.) And it's

going to be concrete? The gentleman that was talking 1 2 about the other materials, the University of Maine 3 Bridge Institute, any of these new materials that could be used for more lasting results? 5 MR. WIGHT: We might consider some new 6 materials. There is also different reinforcing materials and we have been considering a lot more 8 materials than in the past. We'll consider it. 9 AUDIENCE MEMBER: (Robin Wilder.) because you're giving statements about the longevity 10 11 of the bridge -- of the new bridge or an older 12 rehabbing bridge you're -- is it because of the rebar underneath or rehabbing the bridge or are you just 13 14 giving it a 30 or 40 year longevity, is that the 15 reason because of rebar and not other materials? MR. WIGHT: It's the rebar itself. 16 17 Eventually it does corrode. The current rebar is what's called black bar and there is no corrosion 18 19 protection on it and it does have a limited life. Ι 20 mean, we can only patch things so often. And the 2.1 concrete itself, I mean, we'll patch it and put new 22 stuff, but eventually the older concrete that's on 2.3 there it will develop cracks, it will get soft. 2.4 Concrete does have a limited life. It doesn't last

25

forever.

```
AUDIENCE MEMBER: (Robin Wilder.) But these
 1
 2
   new materials last longer?
 3
            MR. WIGHT:
                        Yes.
            AUDIENCE MEMBER: (Robin Wilder.) So when
 4
   you're talking about rehabbing, you're not going all
 5
 6
   the way in and sort of rebuilding from the inside?
 7
            MR. WIGHT:
                        No. it's just pretty much the
 8
   stuff on the outside and patch it. Your second
 9
   question, what was that again?
10
            AUDIENCE MEMBER:
                               (Robin Wilder.)
                                                The
11
   second was you mentioned on the north side of the
12
   bridge --
13
            MR. WIGHT:
                        Oh, the paving.
            AUDIENCE MEMBER: (Robin Wilder.)
14
15
   paving.
16
                        Right now on this northeast
            MR. WIGHT:
17
   corner there is quite a bit of erosion because this
18
   is a pretty steep hill and, you know, just leaving it
19
   gravel is actually probably worse for the environment
20
   because this gravel is just washing right down into
2.1
   the Salt Pond and into the ocean. If we pave it more
22
   than likely we'll put some curbing around it and
2.3
   some -- a couple of catch basins and the catch basins
24
   any sands and stuff would collect -- most of it would
25
   collect in the catch basins and not end up into the
```

1 | Salt Pond.

2.3

AUDIENCE MEMBER: (Robin Wilder.) But you still have cracked asphalt, can't you do catch basins with graveling and curbs and everything? I mean, it just seems like you're making a little city parking lot over there.

MR. WIGHT: Well, we want to make something that's stable that is going to last and gravel just isn't going to hold up. It's washing away right now unfortunately. It's a steep --

AUDIENCE MEMBER: (Robin Wilder.) There are pavers that grass grows out of it. It's more expensive of course, but.

MR. WIGHT: Yeah, there are other products, but they have their own issues. We've tried a product called porous pavement --

AUDIENCE MEMBER: (Robin Wilder.) Right.

MR. WIGHT: -- but one problem with porous pavement if you don't vacuum it every year the winter sand fills in all of the voids and it doesn't work. So unfortunately there is no perfect fix. Let me go back there first.

AUDIENCE MEMBER: I'm Elizabeth Nevin. I just have a question about what we're discussing this paved area and what could conceivably be a paved

area. What size is that that you're talking about? 1 In other words, how far up would that go if you did 2 Would you simply take what's currently sand and 3 pave it? Would it go further up? Would it be 5 shorter? What area -- what size of an area are you 6 talking about for that? I mean, would it go up 7 across from the beacon that far or how -- yeah, that 8 How far -area. 9 MR. WIGHT: This area right here, I mean, we're essentially just planning -- if we did this 10 11 we'd have an 11 foot lane, the center of the road 12 would be the same place where it is now --13 AUDIENCE MEMBER: (Elizabeth Nevin.) 14 MR. WIGHT: -- and we'd have like an 8 foot 15 shoulder and we'd pave that and it's pretty much the 16 same area right now and it's over widening and where 17 there's kind of a big shoulder. 18 AUDIENCE MEMBER: (Elizabeth Nevin.) 19 doesn't seem to be, I mean, I live on the other side, 20 but it doesn't seem that it goes quite that far up, 21 but you're saying you will simply blacktop what is 22 currently white sand and not paved basically?

MR. WIGHT:

2.3

2.4

25

AUDIENCE MEMBER: For how many cars?

Roughly, yup.

MR. WIGHT: You know, somewhere in the

```
1
   neighborhood of five or six cars could fit in there.
 2
            AUDIENCE MEMBER:
                              Five or six.
 3
            AUDIENCE MEMBER: (Elizabeth Nevin.)
                                                   So
   that's a lot bigger. And how wide is it?
 5
            MR. WIGHT: It would be 8 foot wide.
                                                   Ιt
 6
   would be an 8 foot shoulder.
 7
            AUDIENCE MEMBER: (Elizabeth Nevin.)
                                                   So
 8
   essentially what --
 9
            MR. WIGHT: It's parallel parking.
                                                 I mean,
   I've seen several times, you know, vans with big
10
11
   trailers and it takes two of them and another car can
12
   park there, so roughly five or six vehicles.
                                                   Why --
13
            AUDIENCE MEMBER:
                             (Elizabeth Nevin.)
   Is that a discussion? I mean, is that negotiable?
14
15
            MR. WIGHT: It's up for discussion. Do you
   have concerns about it? We're here to capture them.
16
17
            AUDIENCE MEMBER:
                               (Elizabeth Nevin.)
                                                   Well,
18
   my concern is if you're going to put in a new bridge
19
   and you're going to encourage people to be
20
   pedestrians there and then start building parking to
2.1
   accommodate pedestrians then, you know, 10 years from
22
   now we're going to be sitting here now talking about
2.3
   adding more parking spaces to accommodate more
24
   pedestrians. So, I mean, I just -- that's my
25
   concern.
```

```
1
            AUDIENCE MEMBER: (Donna Constantinople.)
 2
   You've done a traffic count, have you done a
 3
   pedestrian usage that you're showing a trend of
   greater pedestrian demands? I am trying to figure --
 5
   I guess what maybe some of us are trying to
   understand is is this a car bridge or are we looking
 6
 7
   at a recreational almost tourist attraction that we
 8
   are looking at over time?
                               Is that what you're -- is
 9
   that somewhat of your thinking?
10
            MR. WIGHT:
                        Well, it's up for discussion.
                                                        Ι
11
   mean, my impression is this is a tourist attraction.
12
   Folks come here for the reversal falls. I've seen
   tons of kayakers in the summer time, even myself on
13
   several occasions, I've seen folks just pull over and
14
15
   take snapshots and folks painting. I mean, it is an
   attraction. If I'm wrong --
16
17
                        It's listed as a destination in
            MR. LATHE:
18
   the Maine Gazetteer as well.
19
                        Yup, in the Gazetteer.
            MR. WIGHT:
20
            AUDIENCE MEMBER: (Elizabeth Nevin.)
2.1
   the question is in deciding to do what you're doing
22
   are you encouraging it to be more of a tourist area
2.3
   than a commercial roadway because those two plans are
24
   going to collide at some point, those two objectives.
25
   I mean, you've got kids now jumping off the bridge
```

```
while 18 wheelers are going over it and nobody is
 1
 2
   policing it and it goes on all day long.
 3
   know, if you're going to encourage more pedestrians
   and you're going to, you know, encourage the same
 5
   kind of traffic, put parking in and then what you're
 6
   saying is what your primary objective is to make it
 7
   more of a pedestrian -- more of a tourist attraction.
 8
            MR. WIGHT:
                       Well, I think our thinking is,
 9
   you know, folks already park here. We're not adding
10
   anything, we're just improving it so this whole thing
11
   doesn't keep eroding. We're kind of just fixing up
12
   what's already there.
                          We're not going to add
   anything to it. We've got no plans to expand it.
13
   Because of all of the issues and historic nature
14
15
   we're really to trying minimize and just maintain
16
   what's here.
17
            AUDIENCE MEMBER:
                               (Elizabeth Nevin.)
                                                   Right.
18
   But if you're going to build a bridge that attracts
19
   more people then you're going to need more parking,
20
   right?
21
```

- MR. WIGHT: Not necessarily. I mean, we're pretty much limited on parking because of the physical nature of the site.
- AUDIENCE MEMBER: (Elizabeth Nevin.) Why don't you add parking on the other side?

22

2.3

MR. WIGHT: We're generally trying to stay away from impacts on this side because of the archeological concerns that are here.

AUDIENCE MEMBER: (Anne Luskey.) The south side.

AUDIENCE MEMBER: I've got a question of sequencing here. The Maine Historic Preservation Commission has to weigh in about the archeological sensitivities of the site, correct?

MR. WIGHT: Correct.

2.3

AUDIENCE MEMBER: Where in the process do they affect your decision about the rehabbing or building a new bridge? You talk about going back and starting preliminary plans so you can come back to us and tell us what you're going to do, but where -- if the Maine Historic Preservation Commission says, wait a minute, you know, you're planning a new bridge but we really think you shouldn't be doing that, what happens?

MR. WIGHT: Basically what will happen is after this meeting we'll develop some alternatives and as a Department we'll pick an alternative and at that point we'll present that to the federal historical review process with MHPC. We actually already talked to them some and we're working with

the head archeologist. He'll be doing that extensive archeological dig late this year and we're basically waiting for those results and if those archeological resources are very close to the road that will change what we do with our road work because some of these resources can be moved and certain resources if they find are close to the road can't being moved. And we've been told, you know, certain resources, you know, we need to avoid completely.

2.1

2.3

AUDIENCE MEMBER: What's a resource?

AUDIENCE MEMBER: (Elizabeth Nevin.) Indian graves.

MR. WIGHT: Potentially human remains. So there are federal laws that protect those human remains and we need to basically pretty much avoid them at all costs. That's a key issue we're waiting to find out the results of the archeological dig that's going to be done this year. But once we pick our alternatives then we start a formal process with MHPC looking at both the archeology and the historical issues and they still have the ability like you said, you know, they could say, hey, no, you're not doing this Department or another worst case is, okay, Department you're having an adverse impact but you'd got to mitigate. You've go to do

1 something to improve this site or another historic 2 site, so it's a long, involved process.

2.1

2.3

AUDIENCE MEMBER: (Robin Wilder.) So you if wait to hear, you do your plan -- that's what we're trying to figure out, you do your plan and then hear from them? You don't hear from them first and adjust your plan? It's the chicken and the egg.

MR. WIGHT: It's the chicken and the egg.

AUDIENCE MEMBER: (Robin Wilder.) That's what we're trying to figure out.

MR. WIGHT: We know -- we already know this site -- this bridge is one of their top historic sites. We know that. That's why I'm trying to get feedback on do you folks want to save it or do we pursue some sort of replacement option and it helps us decide, you know, how much do we want to battle with MHPC.

AUDIENCE MEMBER: But it could be a moot point if they come back and say you can't.

MR. WIGHT: It could be. We could hit that road block.

AUDIENCE MEMBER: So in other words, if you say to them we want to build X bridge and they say no because of some archeological remains then you go back to the drawing board, but you make a decision

1 first and then wait to hear from them, that's we're 2 trying to figure out.

3

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

2.3

24

25

MR. WIGHT: At some point the Department is going to decide if we're doing this to come up some sort of plan so they can make an evaluation.

MR. LATHE: One of the things that they need to know is with either plan we go with what are the actual impacts. We could say that -- so the impacts will be shown on the aerial as to where like the toe of slopes would be or where the final alignment would be and they can look at this map and say, hey, whoa, you know, you've gone too far this way, you've gone too far that way. And so we'll proceed with trying to look at the impacts that we might have an option and they'll look at after they're done their dig as to where they would not like us to be. So they do kind of walk side-by-side until they both meet at the end here and we make a decision. So they kind of need us to tell them what we want to do and they need to look at their dig and say, well, you can't really do this here.

MR. WIGHT: It's simple, somebody's got to go first. Here in the middle.

AUDIENCE MEMBER: I do just want to clarify one more thing you had said earlier, did you say the

construction could only take place between November 1 and March and then it would be idle other months? 2 3 MR. LATHE: No, in-water work. So if we need to get in the water, put a coffer dam in, do any 5 kind of restoration work with the piers, anything 6 that involves us disturbing the water we're kind of tied to November to March time frame. There can be 8 other activities going on outside of that window as 9 long as we're not in water. So they could erect a bridge if they didn't have to be in the water to do 10 11 it, they could do approach work or drainage work if 12 they weren't in the water doing it, but as far as being in the water would be limited to that winter 13 14 season. 15 (Thom McLaughlin.) AUDIENCE MEMBER: There is a vote coming up and from what I think I'm hearing 16 17 we're going to be faced with two choices, to restore 18 the bridge, to repair the present bridge or to go in 19 favor of a wider bridge using 100 foot concrete 20 precast span with 20 balusters. I wonder if we can 2.1 have a third choice of another bridge that uses some 22 sort of visual input other than that 100 foot cast 2.3 concrete beam? 24 MR. WIGHT: We could. I'm looking for 25 suggestions. Your thoughts?

1 AUDIENCE MEMBER: (Thom McLaughlin.) we would like to have that choice because it's --2 3 it's a really torn vote that you've heard a lot of good input about, the need for safety, the aesthetics 5 of that area, the economy of the area, but I think 6 we're torn by addressing that in our heart but we're 7 being faced with an incredibly boring option that's 8 going to be placed there. I'd like to have a third 9 choice personally. 10 MR. WIGHT: Okay. Thank you. We'll take 11 that into account. 12 AUDIENCE MEMBER: (Jim Schatz.) support that because I think I don't know which 13 14 option to vote for because I want to be able to 15 negotiate some features around either one. So should 16 we -- you come up with plan A because of what other agencies tell us and we want to negotiate some 17 18 features around that and the same would be true if 19 you come up with plan B. But I think there is a plan

22 whether it be some other hardware or walkways, who

at our discussions, whether it be landscaping,

23 knows, but I would have a hard time making a choice

24 | without that opportunity later.

20

2.1

25

MR. WIGHT: Anybody else have a comment or

C, which would be incorporating features that come up

1 question or concern? 2 AUDIENCE MEMBER: (Robin Wilder.) 3 getting back to a third option, so do you have any other pictures to show us? 5 MR. WIGHT: No, nothing handy. 6 AUDIENCE MEMBER: I think you need a take a 7 vote before everybody wants to leave. 8 MR. WIGHT: Yeah, I'll get to this question 9 here and we'll take a little straw poll. 10 AUDIENCE MEMBER: (Dave Putnam.) I would 11 just like to speak a little bit about the third 12 option C. I think it's a mistake to view the present bridge as nothing but a historical reconstruction 13 14 The present bridge can be recreated on the 15 same footprint as a new bridge, which will have a life span of at least 70 years which will not 16 17 involve -- possibly it can be done quicker, if it can 18 be built lightweight at the University if it were 19 suggested as a design project, for example. 20 Civil Engineering Department is top notch at that 2.1 university and we deserve to use it. The true cost. 22 The true cost of a replacement facsimile bridge 2.3 compared to what we would have to do to ameliorate 2.4 the archeological concerns which may come up to what 25 we may have to do to rebuild the road infrastructure

that we have to use for detours compared to what we 1 have to do to build a temporary bridge. 2 These need 3 to be factored in as costs of the replacement bridge. I don't think it's fair to the community to only name 5 the cost of the precast concrete as the cost of that bridge because that bridge is actually much greater 7 and I think it needs to be put into the public record 8 so that we can consider that fully. And I would urge 9 you to be able to present the structure that exists now as a candidate for reconstruction rather than 10 rehabilitation. Reconstruction has a 70 year at 11 12 least. They could do 70 years in '23, you know, can't we do better than that now, you know? 13 14 possibility, you know. I'd like to be able to 15 consider that possibility instead of chipping away as if it were a Georgia mansion, which we're trying to, 16 17 you know, people make a lot of money doing that work because I know because I'm sort of at the edge of it 18 19 and that's not really what we might need to do. I'd 20 just like to present a third option.

MR. WIGHT: Thank you. At this point, I'd just like to do a quick straw poll and have folks raise their hand. I think the first, you know, I just want to get a quick vote on is how many folks would prefer a temporary bridge at this site during

2.1

22

2.3

24

```
construction versus sending folks around? Hold your
 1
 2
   hand up so we can do a count.
 3
            AUDIENCE MEMBER:
                             (Anne Luskey.)
 4
   temporary bridge though there were two options
 5
   before, one was only --
            MR. LATHE: I count 34.
 6
 7
            AUDIENCE MEMBER: (Anne Luskey.) -- EMS and
 8
   one was everybody, so it's hard to sit here and vote
 9
   for that.
10
            MR. WIGHT: I'll put the caveat for a bridge
11
   that takes everybody.
12
            AUDIENCE MEMBER: Even large trucks?
13
            MR. WIGHT: Yes, everybody including large
14
   trucks.
15
            AUDIENCE MEMBER: Are we revoting then?
16
            MR. WIGHT: Just for clarification,
17
   everybody put their hands back up. Who supports the
18
   temporary bridge that accommodates all vehicles?
19
   Just to clarify, who supports using a temporary
20
   bridge versus a detour where the detour accommodates
2.1
   all legal vehicles.
22
            AUDIENCE MEMBER: (Thom McLaughlin.)
                                                   Where
2.3
   the temporary bridge will handle all vehicles?
```

MR. WIGHT: Yes, the temporary bridge can

2.4

25

handle all vehicles.

```
1
            AUDIENCE MEMBER: (Robin Wilder.) So we're
 2
   voting for a temporary?
 3
            MR. WIGHT: If you support a temporary
   bridge that is all vehicles.
 5
            AUDIENCE MEMBER:
                               (David Gray.) So a quick
 6
   question, why does it have to be commercial vehicles
 7
   that are allowed to go over it?
 8
            AUDIENCE MEMBER: Just thinking about some
 9
   of the signs that there is a limit if the truck is
10
   that height then you can't take it, like why can't
11
   that be a situation here?
12
            MR. WIGHT: The general rule as the
13
   Department of Transportation we support all users of
14
   the road.
15
            AUDIENCE MEMBER: It's a temporary bridge.
16
            MR. WIGHT:
                        It's temporary, but this is
17
   going to be here for years and there are businesses
18
   that have big trucks.
                           They have concerns, too.
19
            AUDIENCE MEMBER: So East Blue Hill Village
20
   Bridge is shut down to heavy weight limit --
2.1
            MR. WIGHT:
                        Correct.
22
            AUDIENCE MEMBER: -- so why does this have
```

posting committee when we made that decision, you

I happened to be on the load

2.3

2.4

25

to be any different?

MR. WIGHT:

1 know, that bridge is load posted because it is in 2 poor condition. This bridge is not in poor 3 condition, it can handle all legal loads.

2.1

2.3

AUDIENCE MEMBER: No, we're talking about the temporary bridge now.

MR. WIGHT: Even the temporary bridge, you know, we want to support the economy of Maine. We want trucks to be able to go through. There are large trucks that use this. At our last public meeting there were several businesses that use large trucks south of here expressed some serious concerns they'd love to have a temporary bridge. We have to accommodate all truckers. It's hard to be selective.

AUDIENCE MEMBER: (Don Mallow.) I have a question about construction sequence. Since the bridge -- the new bridge that you're proposing if you go that route is wider than the existing bridge can a lot of the work be ongoing before the old bridge is taken down? For example, these concrete precast members are being brought in, can they -- you have to build new foundations to support it, right?

MR. WIGHT: Yes, we do.

AUDIENCE MEMBER: (Don Mallow.) You have to -- and then you're going to have to put beams across that, so a lot of the work seems like it might

be able to be done before the old bridge is taken down. Can that be done? From an engineering point of view is that possible?

MR. WIGHT: From an engineering point of view a lot of work could be done ahead of time, but unfortunately the site is so tight the strain is very difficult to do a lot of work ahead of time. It's a very narrow roadway through there.

AUDIENCE MEMBER: (Don Mallow.) How are they going to get a 100 foot beam down those curves?

MR. WIGHT: Very carefully.

12 AUDIENCE MEMBER: Can you finish the poll?

MR. WIGHT: Yup. I guess the next big

14 question is -- I'll break it into two parts. Who

15 supports or prefers rehabilitation of the current

16 bridge?

4

5

6

7

8

9

10

11

19

AUDIENCE MEMBER: Are we going to have a

18 | third option?

AUDIENCE MEMBER: Yeah, we're going to have

20 to vote more than once.

21 MR. WIGHT: Okay. I'll do three options.

22 | I'm not sure what the third option is. If you would

23 like a poll on that, I don't even know what it is,

24 but who supports rehabbing the current bridge?

25 AUDIENCE MEMBER: What's the third option?

```
AUDIENCE MEMBER: What's the third option?
 1
 2
             (Several people speaking at once.)
 3
            MR. WIGHT:
                        Maintain the current bridge and
 4
    then second option would be replacing with a modern
 5
   beam type bridge that's 20 foot wide and I'm not sure
 6
   what the third option is --
 7
            AUDIENCE MEMBER: (Elizabeth Nevin.)
 8
    third option is to recreate the existing bridge.
 9
            MR. WIGHT: And probably the third option
   would be to recreate.
10
11
            AUDIENCE MEMBER: And the Town of Blue Hill
12
   will pay for that recreation.
13
            MR. WIGHT:
                        They would probably pay for some
   of it.
14
15
            AUDIENCE MEMBER: (Robin Wilder.) So what
   are the three options?
16
17
                        The first option is repair the
            MR. WIGHT:
18
    current bridge, second option replace the bridge with
19
    a modern beam type bridge, the third option is
20
   basically a modern replica.
21
            AUDIENCE MEMBER: (Dave Putnam.)
                                               I'm not
22
    satisfied with the first statement of the first
2.3
   option.
24
            AUDIENCE MEMBER: (Robin Wilder.)
                                                That's
25
   not what he said.
```

```
1
            MR. WIGHT: Okay. I'll take suggestions.
 2
   I'm not sure -- a lot of folks mentioned they'd like
 3
   a third option that's esthetically pleasing.
 4
            AUDIENCE MEMBER:
                              Right. Right.
                              Stop right there.
 5
            AUDIENCE MEMBER:
            MR. WIGHT: But I'm not sure what that --
 6
 7
   that can be many different things to many different
 8
   people.
 9
            AUDIENCE MEMBER: Reconstruction --
   reconstructed and esthically pleasing bridge.
10
                                                   Is
11
   that the third option?
12
            AUDIENCE MEMBER: The replica.
13
            AUDIENCE MEMBER: Call the question.
14
            AUDIENCE MEMBER: I think people want more
15
   options. I think people want not just a choice
   between A and B.
16
17
            AUDIENCE MEMBER: Yeah.
18
            MR. WIGHT: Well, I'm just trying to get a
19
   relative feel. It's not set in stone.
20
            AUDIENCE MEMBER: What if you have a
21
   refurbishment or replacement and you're not satisfied
   with either or them then it's a third one?
22
2.3
                        Okay. That's probably a better
            MR. WIGHT:
24
   approach. Yeah, we'll do that. Okay. Let's take
25
   that approach. Who supports rehabbing the current
```

```
1 | bridge? Can I get a show of hands?
```

- 2 AUDIENCE MEMBER: Wait. Are we getting a
- 3 | third option?
- 4 MR. LATHE: Rehabilitating the current
- 5 bridge.
- 6 MR. WIGHT: Who wants to rehab the current
- 7 | bridge as we talked about?
- 8 AUDIENCE MEMBER: Can we vote more than
- 9 once?
- 10 MR. WIGHT: I'll let you vote more than
- 11 once.
- 12 AUDIENCE MEMBER: Okay.
- MR. WIGHT: Yeah, you can vote more than
- 14 once. Okay. I want to see a show of hands who would
- 15 like to see a modern replacement bridge.
- 16 AUDIENCE MEMBER: (Robin Wilder.) The beam
- 17 bridge.
- 18 MR. WIGHT: The beam bridge, 28 feet wide.
- 19 | Who would like to see a third option of some kind?
- 20 AUDIENCE MEMBER: (Don Mallow.) Of some
- 21 | kind. Everybody raises their hand.
- 22 AUDIENCE MEMBER: That's all right. It
- 23 | makes them think outside the box.
- 24 MR. LATHE: I got about 26.
- 25 MR. WIGHT: At this point, any other

1 comments or questions? 2 AUDIENCE MEMBER: (Pea Petro.) I'd like to 3 invest in the future of our young engineers and I'd like to propose that we meet up with the Department 5 at the University and have some of the incoming 6 seniors do a senior project and come up with a third 7 option with current materials and get it together 8 with the Landscape Architecture Department if they 9 have one and tie it all together. 10 MR. WIGHT: I will talk to the University 11 about that. 12 (Peg Petro.) And it won't AUDIENCE MEMBER: 13 cost us anything because they'll do it pro bono. 14 Senior project with state of the art technology. 15 MR. WIGHT: Yup. 16 AUDIENCE MEMBER: (Peg Petro.) Design 17 concepts. 18

MR. WIGHT: I'm familiar with it. My daughter is going to the University right now.

19

20

2.1

22

2.3

24

25

AUDIENCE MEMBER: (Peg Petro.) I'm sorry?

MR. WIGHT: My daughter is going to the University and they do what that call a Capstone Project.

AUDIENCE MEMBER: (Peg Petro.) Yes, what a great opportunity for them.

```
1
            MR. WIGHT: Any last comments before we end
    the meeting? Thank you. With that, we'll officially
 2
 3
   adjourn the meeting and I'll be around for a few
 4
   minutes.
 5
               (Meeting concluded at 8:11 p.m.)
 6
 7
 8
 9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
```

CERTIFICATE I, Robin J. Dostie, a Court Reporter and Notary Public within and for the State of Maine, do hereby certify that the foregoing is a true and accurate transcript of the proceedings as taken by me by means of stenograph, and I have signed: Court Reporter/Notary Public My Commission Expires: February 6, 2019. DATED: August 13, 2015 2.3

<pre>< Dates > (Jan 64:14 August 13, 2015 99:17 August 5, 2015</pre>	1925 50:11, 50:21 1926 6:13, 51:15 1926. 6:9,	300 12:3 34. 90:6 35. 14:13, 14:21
1:12 February 6, 2019. 99:15 September 7 16:13 \$250,000 70:24	13:14 1936 17:25 1937 17:25 1978 36:24	<pre>< 4 > 4 6:22, 11:12, 11:19, 16:20, 24:23, 33:4 4,000 18:2,</pre>
\$4 12:11 \$5 41:13 \$5.1 10:8 '23 89:12	< 2 > 2 11:12, 12:3, 46:12 2-and-a-half 11:9	18:3, 40:2 40 10:6, 42:24, 43:8, 75:14 45 39:13
< 0 > 017712.00 1:6 < 1 >	20 6:22, 10:9, 10:20, 11:19, 11:20, 12:12, 16:16, 16:20, 24:22, 34:23, 86:20, 94:5	< 5 > 5 33:9, 40:13, 49:19, 50:13 50 22:4 500 54:21
1,700 38:25 1,790 6:20, 13:16 10 13:2, 25:6, 34:25, 38:12,	200 9:11 2010. 16:13 2014. 6:18 2015. 20:14, 51:19	500. 70:25 < 6 > 6 50:16, 50:19
39:16, 43:19, 79:21 100 42:21, 59:23, 60:7, 60:8, 69:6, 69:21, 70:9,	2018 15:9 2019. 15:13 22 65:16 250 9:11, 46:8, 46:16 26 66:25	6. 2:3 600 30:11, 49:19, 61:5 60s 29:14 6:00 1:13
86:19, 86:22, 93:10 11 11:21, 11:25, 30:20, 46:4, 65:9, 78:11	26. 96:24 28 11:23, 12:4, 25:3, 46:3, 46:13, 66:25, 96:18	< 7 > 7 19:18, 55:20, 56:1 70 88:16, 89:11, 89:12
12 46:11 15 39:12, 39:17, 43:19, 64:12 172 13:1, 34:22	<pre>< 3 > 3 11:25, 25:11, 29:1, 30:20, 38:12, 46:5,</pre>	75 6:16, 12:14 < 8 > 8 9:21, 24:25,
175 10:21, 13:2, 38:8, 38:10 175. 34:22, 71:6	46:12, 46:22, 65:9, 65:15, 65:20, 66:16 3,000. 38:25 30 10:6, 42:24,	30:22, 46:19, 46:25, 50:16, 78:14, 79:5, 79:6 80 10:9, 12:11,
18 1:12, 81:1	43:8, 75:14	36:15, 60:2

89 6:14 8:11 98:6	69:8 accommodate 11:11, 11:14,	additional 21:19, 26:17, 56:17, 57:20
< 9 > 90 42:19, 60:2 95 54:11 99 70:10	12:8, 27:18, 27:20, 27:24, 66:19, 69:25, 70:2, 71:7, 71:11, 71:15, 71:16, 79:21, 79:23, 92:13	address 4:5 addresses 4:8 addressing 87:6 adjacent 3:25 adjourn 98:3 adjust 84:6
<pre>< A > ability 83:21 able 2:12, 2:18, 15:8, 39:2, 39:11, 61:19, 65:22, 66:9, 66:12, 67:10, 87:14, 89:9, 89:14, 92:8, 93:1 above 23:15 absolutely 28:13, 42:21 abutments 6:3, 7:24, 8:22, 9:4 abutters 49:3 abutting 3:19,</pre>	79:23, 92:13 accommodates 51:1, 90:18, 90:20 accommodating 71:10 account 68:8, 87:11 accurate 99:5 acoustic 20:16 across 13:15, 13:17, 13:19, 44:25, 62:11, 67:10, 70:22, 78:7, 92:25 Act 19:19, 20:12, 29:14 activities 86:8 activity 20:10	adore 45:9 advance 63:22 advanced 23:23 adverse 83:24 aerial 85:9 aesthetics 26:23, 37:6, 41:8, 87:4 affair 41:18 affect 82:12 afford 39:16 afternoon 71:5 agencies 16:10, 87:17 ago 18:2, 18:4, 28:18, 40:2, 42:2, 51:16 agree 72:5 agreements
19:2, 19:11, 21:9, 23:25, 48:3, 64:2, 64:7 AC 24:14, 28:3 accelerate 16:18 accept 51:9 acceptable 23:22	actual 11:14, 61:21, 85:8 Actually 10:19, 14:22, 20:16, 26:25, 31:25, 42:7, 42:15, 47:18, 48:19, 49:8, 64:2, 67:14, 68:4, 69:4, 71:4,	68:13 ahead 57:13, 93:5, 93:7 aid 67:17, 67:18, 67:19, 67:20, 68:12, 68:13 Airly 19:5 Albert 37:21 alewives 19:21
access 16:24, 21:8, 24:3, 65:12 Accident 7:3, 7:14, 7:17, 33:13, 33:14, 40:22 accidents 7:6, 7:8, 7:10, 7:15, 7:16, 26:19, 33:17, 40:17, 40:24,	76:19, 82:24, 89:6 ADA 33:9 add 31:14, 32:1, 81:12, 81:25 adding 32:4, 32:8, 37:7, 79:23, 81:9 addition 17:18, 18:9, 19:13, 33:5	alignment 8:6, 54:16, 55:1, 85:10 allow 47:21, 65:8, 65:16 allowed 91:7 allowing 47:18 Almost 12:14, 39:8, 40:17, 40:19, 42:19, 47:15, 50:7, 71:5, 73:8,

80:7 already 4:5, 26:24, 55:9, 61:22, 69:14, 81:9, 81:12, 82:25, 84:11 alternate 38:15, 39:17, 40:12, 66:3 alternative 61:25, 82:22 alternatives 82:21, 83:19 ambulance 38:5, 40:8, 68:17, 71:19, 72:1 ambulances 39:14 ameliorate 88:23 American 18:24 amount 70:2 Andrew 1:18, 2:8, 4:12, 5:1, 13:23, 14:2, 15:19, 15:24, 31:4, 53:22, 57:11, 72:16 animal 39:19 Ann 18:23 Anne 44:8, 45:15, 46:18, 47:13, 82:4, 90:3, 90:7 Annie 2:5 answer 34:5 anticipation 63:24, 64:2 Anybody 3:21, 34:21, 72:2, 73:9, 87:25 Anyway 2:6, 2:14, 35:6, 36:1 appearance 24:2 Applause. 37:15, 51:20,	53:11 approach 9:8, 9:9, 12:2, 22:21, 44:16, 86:11, 95:24, 95:25 approaches 11:13, 46:2, 65:19, 66:23, 73:20 approval 29:18, 32:2 April 20:14 Arcady 19:1, 63:19 arch 8:17, 11:1 archeological 17:21, 17:24, 18:9, 18:22, 22:21, 54:1, 57:7, 59:6, 70:8, 82:3, 82:8, 83:2, 83:3, 83:17, 84:24, 88:24 archeologist 83:1 archeology 83:20 arches 59:25 architect 25:25, 26:5, 27:5 architectural 17:22, 18:10, 18:22, 21:20 Architectural 17:21, 17:24, 18:9, 18:22, 22:21, 54:1, 23:7, 30:20, 31:8, 31:16, 31:19,	78:1, 78:5, 78:8, 78:9, 78:16, 80:22, 87:5 areas 22:21 around 3:15, 10:18, 11:3, 12:10, 12:25, 13:3, 28:14, 32:13, 32:23, 34:18, 34:19, 39:18, 62:4, 70:20, 76:22, 87:15, 87:18, 90:1, 98:3 arsenal 59:13 art 97:14 artist 19:9 artists 23:18 aspect 18:9, 18:21, 23:2, 50:3, 67:4 aspects 49:23 asphalt 37:4, 73:25, 77:3 asphalting 73:21 assessed 20:11 assessment 54:18, 54:23 asphalting 73:21 assessment 54:18, 54:23

83:9, 83:15 aware 47:20 away 2:24, 10:19, 10:21, 18:5, 27:4, 50:7, 50:22, 67:18, 77:9, 82:2, 89:15 aways 52:18	beams 92:24 beautiful 17:4,	Bill 2:20 bit 9:1, 9:14, 11:5, 11:11, 11:13, 16:3, 17:9, 25:21, 43:3, 60:21, 65:6, 65:7, 66:21, 69:17, 76:17, 88:11 bituminous 11:15
<pre>B > B . 87:19, 95:16 background 15:21, 52:12 bad 43:12, 50:10 badly 36:12 ball 31:10 ballpark 33:23 balusters 86:20 Bangor 64:7 bar 75:18 bare 55:1, 55:2 barged 61:3 based 7:13, 41:13, 49:7, 58:14, 60:24 bashful 24:18 basic 4:21, 4:22, 45:22, 49:11 basins 76:23, 76:25, 77:3 basis 20:6, 38:7 Bat 20:13, 20:17, 40:1 battle 84:16 Beacon 19:5, 78:7 beam 11:2, 11:9, 11:11, 11:14, 45:19, 45:20, 59:24, 60:3, 60:4, 60:9, 86:23, 93:10, 94:5, 94:19, 96:16, 96:18</pre>	believe 25:23, 62:9 belong 35:1 below 5:23 bender 7:7 benefit 21:25 besides 37:13 best 9:12, 10:4, 48:3, 48:9, 53:17, 54:23, 55:2, 64:5, 72:9, 72:14, 74:5, 74:6 bet 59:1 Betro 24:20 better 23:18, 34:20, 38:10, 51:13, 74:1, 74:23, 89:13, 95:23 beyond 28:9, 46:9, 48:13, 55:10, 61:21 bicycle 23:24 big 5:4, 14:1, 27:18, 31:9, 54:19, 54:20, 59:7, 61:5, 70:6, 70:20, 78:17, 79:10, 91:18, 93:13 bigger 60:2, 79:4 biggest 8:13, 12:16, 31:2 bikers 69:4, 69:19 bikes 66:20	black 37:20, 75:18 blacktop 78:21 blank 56:11 blast 47:16 blessed 40:24, 45:10 blind 65:2 block 84:21 blown 6:4 Blue 1:4, 1:8, 1:12, 1:13, 3:2, 3:3, 3:24, 27:2, 36:9, 37:24, 38:20, 39:4, 48:16, 63:16, 67:3, 67:8, 71:3, 73:13, 91:19, 94:11 board 27:5, 84:25 Boat 44:15 boaters 23:11 body 61:18 bones 55:1, 55:2 bono 97:13 book 4:2, 48:16 booklet 3:23, 3:24 boring 87:7 bothered 69:19 bottom 14:8, 45:19, 45:20 box 96:23 brand 28:17 break 68:3, 93:14

Bridges 6:15, 6:16, 18:12, 33:14, 43:24, 59:15, 59:25, 60:1, 60:3, 64:20, 65:8, 65:11, 65:12, 72:12 bring 27:12, 69:13, 69:14 brochure 49:12 broken 26:10 Brooklin 35:5,	47:4, 47:8 oury 47:5 ourying 47:9 ousiness 4:8, 67:4 ousinesses 71:3, 91:17, 92:10 ousses 58:1, 61:25 ouy 45:7 oypass 27:9	carefully 93:11 Carleton 19:19 Caroline 36:4 carpenters 39:6 carry 12:3 cars 13:16, 26:17, 26:18, 38:24, 73:21, 78:24, 79:1 case 15:25, 16:6, 29:19, 29:25, 45:22, 46:7, 62:15, 83:24 case-by-case
37:24, 38:11, 39:16, 65:13, 72:5, 72:10 brought 16:13, 45:7, 64:3, 64:23, 92:20 budget 35:19, 35:21 budgetary 53:5 budgets 13:9 build 6:15, 12:19, 13:12, 13:15, 28:15, 30:12, 32:22, 34:12, 34:17, 44:22, 58:8, 63:5, 66:6, 69:24, 81:18, 84:23, 89:2, 92:21 building 34:13, 60:11, 67:3, 79:20, 82:13 buildings 5:22, 50:2 built 6:9, 13:12, 18:24, 19:4, 42:19, 50:12, 50:20, 50:21, 54:15, 62:12, 88:18 bumps 14:18, 14:24	C. 88:12 Cable 50:25, 51:2, 59:25 Call 5:24, 7:7, 10:16, 11:4, 63:18, 67:17, 74:20, 95:13, 97:22 Called 19:1, 29:13, 31:7, 54:18, 75:18, 77:16 Calls 7:4, 11:3 Calming 14:11, 14:12, 14:15, 14:24 Cameras 44:20, 44:21, 47:17, 47:19, 47:21 Canal 18:14 Candidate 89:10 Candidates 51:11 Capacity 28:10, 65:7 Capstone 97:22 Capture 4:14, 26:21, 79:16 Car 39:20, 42:14, 79:11, 80:6 Carbon 66:5 Cards 4:4, 4:8 Care 9:2, 9:25,	Case-by-case 20:6 cast 86:22 catch 6:13, 76:23, 76:25, 77:3 categorical 54:10, 54:24 category 54:24 caught 6:10 caused 17:14 caveat 27:17, 42:13, 90:10 center 78:11 certain 13:25, 20:20, 53:24, 70:9, 83:6, 83:8 certify 99:4 cetera 8:2 challenge 61:2, 61:8 challenges 30:10, 31:24 challenging 30:15, 58:8 chances 69:8 change 7:25, 8:5, 8:7, 8:8, 33:6, 83:4 changes 8:3 character 26:24 Chevrolet 50:15 chicken 84:7,

chief 67:8,	76:25	72:13
68:10, 68:16	collide 80:24	community
chiefs 38:4	color 74:6	38:22, 39:15,
child 62:13	colored 5:17,	39:23, 40:9,
children 33:15,	5:22	41:7, 41:10,
50:6	columns 17:1,	55:6, 62:24,
chip 8:19	17:3	89:4
chipped 42:7	combined 50:16	commuting 39:7
chipping 89:15	comes 51:5,	compared 12:14,
choice 3:6,	60:7	88:23, 89:1
50:10, 51:13,	comfortably	compatible 33:4
86:21, 87:2,	16:23	compensate
87:9, 87:23,	coming 3:1,	35:13
95 : 15	13:2, 14:17, 21:2, 36:15,	complaints 9:23
choices 50:9,	21:2, 36:15,	complete 57:7
86:17	48:6, 62:16,	completed 15:12
cited 55:5	62:25, 65:5,	completely 83:9
citizens 51:12	86:16	compliance 33:9
city 77 : 5	commencing 1:13	complicated
Civīl 88:20	comment 4:4,	53:21
clams 19:25	4:7, 4:19,	composer 18:24
clarification	27:6, 34:3,	_
	27.0, 34.3,	conceivably
33:12, 90:16	36:9, 36:10,	77:25
clarify 85:24,	36:21, 36:23,	concepts 97:17
90:19	37:16, 38:17,	concern 16:14,
class 51:12	38:21, 63:10,	17:7, 17:12,
clear 20:20,	66:15, 68:5,	25:17, 25:24,
	69:22, 72:3,	23.10 27.21
20:23, 32:15,		33:19, 37:21,
51 : 7	73:9, 87:25	37:23, 38:14,
clearance	comments 4:15,	40:15, 54:5,
44:12, 45:16,	4:17, 5:12,	62:14, 64:3,
45:21, 45:25	24:9, 24:18,	68:9, 79:18,
clearing 20:19,	73:5, 73:9,	79:25, 88:1
20.21 27.10		
20:21, 27:19	97:1, 98:1	concerned
clearly 33:24,	commercial	23:21, 26:9,
53:19, 59:12,	23:6, 23:8,	26:16, 26:17,
64 : 25	39:1, 55:7,	40:25, 41:2,
clipped 71:5	80:23, 91:6	44:14, 57:25,
close 12:14,	Commission	64:4, 66:20,
12:24, 34:14,	17:21, 18:7,	67:4, 67:5,
42:20, 57:23,	19:14, 21:6,	68:23
83:4 , 83:7	22:19, 23:3,	Concerns 4:4,
closed 29:5,	82:8, 82:16,	6:23, 13:7,
68:15	99:15	14:7, 14:9,
closer 59:1	commissioner	21:2, 23:20,
		24.2, 23.20,
coffer 86:4	2:21, 41:2	24:2, 26:20,
cold 37:7	commissioners	26:21, 41:5,
colleagues	38:4	54:1, 70:8,
51 : 15	committee 91:25	79:16, 82:3,
collect 76:24,	communication	88:24, 91:18,
0011000 70.21		00.21, 01.10,

92:11 concluded 98:6 Concrete 8:14, 8:20, 9:5, 9:7, 11:2, 11:4, 11:6, 18:11, 41:14, 41:17, 42:6, 42:11, 43:9, 66:7, 73:17, 74:9, 74:13, 74:22, 75:1, 75:21, 75:22, 75:24, 86:19, 86:23, 89:5, 92:19 concur 22:24, 23:3 condition 8:14, 8:20, 9:5, 13:8, 42:5, 42:9, 64:5, 92:2, 92:3 conditions 4:23 confident 42:12 confused 53:6 connections 41:15, 41:16 conscientious 63:4 consider 7:17, 36:18, 38:3, 44:21, 60:17, 65:22, 68:21, 72:6, 75:5, 75:8, 89:8, 89:15 considerably 49:16 consideration 38:15, 47:11, 66:13, 66:14, 68:4	4:25, 7:20, 46:25, 75:7 Constantinople 51:23 Constantinople. 52:2, 53:10, 53:14, 54:2, 54:8, 54:13, 55:4, 55:16, 55:21, 55:25, 56:3, 56:7, 56:21, 57:2, 58:11, 80:1 constraints 5:2, 13:24, 15:21, 53:23 construct 58:20 constructabilit y 30:10 constructed 28:12 construction 12:18, 12:22, 12:24, 14:4, 15:9, 15:10, 15:13, 15:17, 20:10, 24:5, 34:11, 34:15, 39:3, 39:6, 63:18, 66:3, 86:1, 90:1, 92:15 contact 3:22 contacting 21:7 contains 19:25 contingency 35:24 control 44:19 conversation	copy 3:18 corner 9:16, 12:6, 17:10, 17:11, 18:25, 19:6, 19:10, 44:9, 64:16, 76:17 corners 27:19, 30:14 Correct 25:1, 82:9, 82:10, 91:21 correctly 29:4, 29:7 corrode 43:3, 43:5, 43:7, 75:17 corrosion 43:4, 75:18 cost 10:8, 12:10, 12:11, 13:9, 22:4, 37:14, 38:1, 41:9, 47:7, 52:6, 52:9, 53:5, 59:5, 60:20, 60:21, 60:23, 65:22, 65:23, 70:24, 88:21, 88:22, 89:5, 97:13 cost-effective 59:23, 60:1 cost-shared 58:14 cost-shared 58:14 cost-shared 61:17 cost-sharing 21:17, 32:16 costs 10:7,
49:16 consideration 38:15, 47:11,	35:24 contractor 67:3 contribute 22:3	cost-shared 61:17 cost-sharing
66:13, 66:14,	control 44:19	21:17, 32:16

couple 7:22, 16:13, 42:8, 49:17, 61:9, 76:23 course 51:24, 77:13 Court 1:11, 4:15, 24:12, 24:15, 99:2, 99:13 Cousins 2:20 crabs 20:1 cracked 77:3 cracks 75:23 cranes 30:12 crash 11:5 crawled 42:7 create 28:16 cross 8:18, 38:24, 39:2, 49:18, 50:17, 65:4 crossed 36:24 curb-to-curb 6:22, 11:20, 16:20, 46:4 curbing 10:2, 76:22 curbs 77:4 curious 63:15, 67:5 current 4:23, 6:14, 6:21, 7:22, 10:12, 11:7, 11:19, 13:21, 24:21, 24:22, 26:6, 30:10, 30:17, 45:20, 74:9, 75:17, 93:15, 93:24, 94:3, 94:18, 95:25, 96:4, 96:6, 97:7 currently 78:3, 78:22 curves 93:10 cut 13:14,	<pre></pre>	declare 43:11 deep 58:9 deeper 11:11, 11:14 deer 7:12, 39:19 definitely 58:1, 68:7, 68:8, 68:20, 68:21 definition 64:21 degrade 73:24 Degroff 28:4 Degroff 28:4 Degroff 27:8 delay 43:7 delve 5:6 demands 80:4 dense 74:22 Department 1:2, 4:12, 15:14, 19:23, 20:15, 21:17, 21:22, 22:1, 22:3, 22:7, 22:11, 24:7, 37:12, 40:7, 53:22, 56:25, 59:14, 63:4, 66:2, 67:7, 67:16, 82:22, 83:23, 83:24, 85:3, 88:20, 91:13, 97:4, 97:8 dependent 57:7 Depending 15:7, 34:16, 66:23 depression 16:17 depth 49:13 deserve 51:12, 88:21 Design 3:5, 5:7, 18:10, 21:1, 56:19, 61:16, 63:4,
curves 93:10	deck 8:9, 8:14,	21:1, 56:19,

destination	32:9, 79:14,	93:5
80:17	79:15, 80:10	Donna 51:22,
details 15:3	discussions	52:2, 53:10,
deteriorating	31:5, 87:21	53:14, 54:2,
50:24 determine 42:4, 48:18, 48:20, 49:6, 49:7, 72:14	distance 11:10 District 18:17, 18:19, 19:4, 19:12 disturbing 86:6	54:8, 54:13, 55:4, 55:16, 55:21, 55:25, 56:3, 56:7, 56:21, 57:2,
determined 22:1	ditch 48:25	58:11, 80:1
detour 24:5,	ditching 17:15	Dostie 1:10,
34:23, 35:8,	dive 44:1	4:16, 99:2
58:6, 58:9,	diverting 25:21	DOT 2:6, 54:5,
72:9, 72:14,	Dodge 50:14	63:20
72:17, 73:10,	Doing 2:16,	Dottie 62:10,
90:20	8:13, 9:9,	63:12
detours 89:1	14:5, 14:19,	double 12:14
develop 75:23,	21:6, 23:5,	downhill 44:2
82:21	33:1, 44:19,	downstream
developed 29:14	55:1, 62:21,	70:6, 70:8,
Dick 49:14	62:25, 66:2,	70:10, 70:11
different 34:9,	80:21, 82:18,	downtown 10:20,
34:10, 39:20,	83:1, 83:23,	50:1
59:15, 74:9,	85:4, 86:12,	drainage 10:2,
74:14, 75:6,	89:17	17:11, 26:8,
91:23, 95:7	dollars 58:16,	26:11, 48:24,
difficult	59:2	86:11
24:14, 43:4,	Don 35:18,	dramatic 45:24
53:15, 58:19,	35:23, 41:12,	drastically
70:11, 93:7 dig 17:24, 21:6, 21:8, 57:7, 83:2, 83:17, 85:15,	41:23, 41:25, 42:1, 42:17, 42:23, 43:10, 43:18, 43:21, 44:4, 60:6,	54:21 drawing 84:25 drill 47:15 Drior-crofoot 63:16
85:20 dimension 12:4 direct 17:19 direction 24:6, 46:16	74:19, 92:14, 92:23, 93:9, 96:20 done 10:6, 15:8, 22:16,	Drior-crofoot. 64:14 drive 38:6, 40:18, 72:17 driven 10:20,
discretion 22:3	27:11, 29:11,	62:11
discuss 21:15,	30:8, 30:15,	driving 7:11,
21:17, 22:6,	35:16, 47:20,	14:17
22:14, 51:6	55:9, 55:12,	drop 4:7
discussed	56:1, 58:4,	drove 14:18,
16:20, 21:4, 24:6, 40:4 discussing 77:24 discussion 24:10, 24:13,	59:2, 60:25, 63:22, 63:24, 64:1, 68:14, 80:2, 83:18, 85:15, 88:17, 93:1, 93:2,	71:4 due 7:1, 12:20, 20:9, 22:21, 29:5, 61:3 durable 74:23 duration 24:5
. = = , = = - = ,	, , , , , , , , , , , ,	1

during 12:18, 12:24, 20:20, 34:15, 39:2, 40:13, 89:25	Eligible 18:15, 18:17, 18:19, 19:12, 22:5 eliminate 12:23 Elizabeth	93:2, 93:4 engineers 14:11, 72:16, 97:3 enough 4:17, 37:5
<pre>< E > earlier 12:5, 34:13, 46:2, 53:23, 55:5, 59:25, 61:16, 85:25 earliest 15:10, 15:13 earn 50:6 easements 48:23, 69:11 East 91:19</pre>	10:13, 48:10, 58:17, 58:21, 58:24, 60:10, 60:15, 60:18, 60:22, 61:6, 72:20, 73:1, 73:6, 77:23, 78:13, 78:18, 79:3, 79:7, 79:13, 79:17, 80:20, 81:17, 81:24, 83:11, 94:7	entire 6:19, 29:22, 33:6 environment 73:24, 76:19 Environmental 19:15, 20:15, 29:13, 52:8, 54:18, 54:22, 55:5, 55:6 equipment 30:12 erect 86:9 eroded 18:5
easy 53:18, 65:5 economic 39:22, 49:25 economical 62:18 economy 38:22, 39:4, 40:9, 41:7, 87:5, 92:7 edge 38:12,	email 4:6, 4:8 emergency 57:24, 61:24, 67:15, 67:16, 71:16, 72:7 empty 50:1 EMS 90:7 encased 41:16 encountered 57:12 encourage	eroding 81:11 erosion 9:25, 17:12, 17:15, 64:4, 64:8, 64:13, 76:17 especially 6:25, 24:14 essentially 20:22, 78:10, 79:8 estate 70:2
89:18 eels 19:21 efficient 62:17 egg 84:7, 84:8 eight 7:15, 51:16 either 15:1, 27:15, 29:2, 30:19, 32:8, 33:23, 43:16,	79:19, 81:3, 81:4 encouragement 65:1 encouraging 80:22 end 3:7, 5:11, 5:19, 15:14, 30:19, 30:21, 46:15, 72:25,	esthetic 37:13, 52:11, 69:18 esthetically 26:9, 37:11, 95:3 esthetics 26:10 esthically 95:10 estimate 59:3, 60:11
46:16, 62:19, 65:16, 71:10, 85:7, 87:15, 95:22 elements 21:22, 21:23, 22:2, 22:5 elevation 25:14, 25:17, 45:19 elevations 6:1	73:2, 73:4, 73:7, 76:25, 85:18, 98:1 Endangered 19:19, 55:14 ends 9:13 engage 37:12 Engineering 15:7, 15:11, 36:1, 72:8, 72:14, 88:20,	et 8:2 Ethelbert 18:24 evaluation 85:5 evening 15:23 eventual 63:25 Eventually 43:7, 75:17, 75:22 Everybody 3:1, 3:11, 3:16, 4:15, 56:15,

69:24, 73:3, 73:4, 88:7, 90:8, 90:11, 90:13, 90:17, 96:21 everything 2:11, 4:20, 77:4 evidence 18:1 example 38:6, 49:1, 66:4, 88:19, 92:19 excavate 22:20 excellent 67:20 except 8:8 exclusion 54:11, 54:24 Excuse 30:24, 31:15, 31:17 existing 5:21, 6:2, 6:5, 6:25, 7:18, 8:21, 23:13, 23:17, 23:22, 32:1, 40:15, 45:6, 45:13, 46:15, 46:19, 60:12, 65:23, 92:17, 94:8 exists 37:7, 89:9 expand 81:13 expect 6:15, 64:22, 65:8 expectation	extensions 29:2 extensive 42:3, 55:24, 83:1 extent 22:20, 23:9 external 61:14, 61:15 extra 39:16, 68:24 extras 21:18 eye 62:22 <pre> </pre> <pre> <pre> </pre> <pre> </pre> <pre> <pre> </pre> <pre> </pre> <pre> <pre> </pre> <pre> <pre> </pre> <pre> <pre> </pre> <pre> <pre> <pre> </pre> <pre> <pr< th=""><th>78:20, 85:12, 85:13, 86:12 fast 7:11, 14:23, 16:2, 16:4, 16:6, 58:9 faster 14:21, 25:18, 69:7 father 37:18 favor 72:22, 86:19 feasible 12:22 features 21:19, 61:14, 61:16, 87:15, 87:18, 87:20 fed 51:24 federal 10:9, 12:12, 22:5, 29:15, 29:16, 36:16, 36:17, 51:9, 82:23, 83:14 federally 20:13 feedback 3:11, 3:13, 15:4, 56:14, 56:15, 57:24, 84:14 feel 2:14, 95:19 feels 16:21 feet 6:22, 9:11, 11:9, 11:12, 11:23, 12:3, 24:22, 23:35, 24:22, 24:22, 24:25, 25:35, 24:22, 25:35, 25:35, 25:35, 25:35</th></pr<></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	78:20, 85:12, 85:13, 86:12 fast 7:11, 14:23, 16:2, 16:4, 16:6, 58:9 faster 14:21, 25:18, 69:7 father 37:18 favor 72:22, 86:19 feasible 12:22 features 21:19, 61:14, 61:16, 87:15, 87:18, 87:20 fed 51:24 federal 10:9, 12:12, 22:5, 29:15, 29:16, 36:16, 36:17, 51:9, 82:23, 83:14 federally 20:13 feedback 3:11, 3:13, 15:4, 56:14, 56:15, 57:24, 84:14 feel 2:14, 95:19 feels 16:21 feet 6:22, 9:11, 11:9, 11:12, 11:23, 12:3, 24:22, 23:35, 24:22, 24:22, 24:25, 25:35, 24:22, 25:35, 25:35, 25:35, 25:35
89:9	89:4	feels 16:21
expand 81:13	fairly 34:23	feet 6:22,
expect 6:15,	fall 12:21,	9:11, 11:9,
64:22, 65:8	20:21, 21:5	11:12, 11:23,

fiberglass 66:4	20:2	fresh 18:2
fibers 66:5	Fisheries	front 36:3,
field 31:10	19:24, 55:7	39:20, 40:20,
fight 58:5	fishermen 39:5	67:12
fighting 58:7	fishing 23:8	fully 89:8
figure 49:18,	fit 59:19,	function 40:6
80:4, 84:5,	60:1, 60:5,	functional
84:10, 85:2	79:1	39:24
figuring 68:2	Five 49:24,	funding 12:12,
fill 22:20	79:1, 79:2,	15:9, 15:13,
fills 77:20	79:12	22:6
final 19:11,	fix 9:2, 42:17,	funds 10:9,
53:4, 55:18, 85:10 finalize 5:7, 15:3, 15:5,	77:21 fixing 38:9, 42:14, 81:11 floor 22:17	10:10 future 55:11, 97:3
56:18, 57:9 finalized 46:6 finally 23:24 find 23:6, 36:25, 42:15, 50:5, 63:15,	flow 19:20, 29:7, 64:21 folded 65:3 follow-up 4:9 follows 54:6 food 70:25	< G > gain 10:6 gather 5:4 gave 50:22 Gazetteer
63:23, 83:7,	footprint 46:6,	80:18, 80:19
83:17	48:18, 57:9,	general 66:22,
finding 23:4	66:9, 88:15	91:12
fine 39:18	Ford 50:12,	Generally 7:13,
finish 6:13,	50:13	9:9, 14:12,
70:12, 93:12	fore 63:22	15:1, 29:20,
finished 18:1	foregoing 99:4	30:4, 30:6,
fire 38:4,	forest 13:15	31:6, 34:19,
40:7, 67:7,	forever 75:25	48:1, 54:21,
67:16, 68:9,	forget 44:12	82:1
68:16, 68:18,	formal 9:23,	generations
71:20, 71:22, 71:23, 71:25 First 7:21, 28:9, 28:12, 28:21, 29:9,	83:19 formulas 74:14 forth 21:3, 39:7 forward 2:23,	62:15 generator 31:10 generic 59:13, 59:21, 74:21 gentleman
29:23, 30:3,	21:15, 56:6	52:24, 60:13,
36:24, 42:19,	found 20:16	75:1
48:17, 54:5,	foundations	Georgia 89:16
57:5, 61:11,	92:21	gets 57:7,
64:23, 67:6,	frame 20:22,	62:3, 69:17
67:9, 70:21,	86:7	Getting 13:6,
71:17, 73:19,	Frank 19:9	15:11, 15:17,
74:3, 77:22,	frankly 50:10	25:9, 32:2,
84:6, 85:1,	Frederick 37:18	38:3, 38:10,
85:23, 89:23, 94:17, 94:22 Fish 19:16,	free 2:14 free-flow 65:8 frequently 65:3	39:18, 41:1, 58:2, 70:21, 88:3, 96:2

Give 2:20, 3:4, 5:12, 15:20, 27:17, 28:22, 28:23, 32:25, 35:11, 42:13, 43:23, 52:20, 57:10, 65:11, 66:12, 74:21 given 50:9, 59:11 gives 6:1 giving 44:9, 75:10, 75:14	<pre>guarantee 74:7, 74:10 guardrail 7:12, 9:12 guess 51:8, 66:17, 80:5, 93:13 guessing 12:10 guesstimating 13:22 guys 14:21, 68:1</pre>	Haven 57:12 Hayes 63:12 Hayes. 62:10 hazardous 20:24 He'll 68:17, 83:1 head 83:1 heading 5:19 hear 24:1, 28:2, 29:4, 29:7, 37:10, 40:3, 41:7, 44:10, 84:4,
75:10, 75:14 God 40:24 Goldstead 36:25 government 16:10, 36:16 grab 4:2 grabbed 3:16, 48:16 grade 8:8, 64:12 gravel 9:14, 9:17, 9:21, 12:7, 46:14, 47:2, 66:24, 73:25, 76:19, 76:20, 77:8 graveling 77:4 graves 83:12 Gray 67:2 Gray. 71:21, 91:5 great 3:23, 4:2, 38:17, 41:3, 49:1, 67:19, 97:25 great-grandchil dren 63:8 greater 14:13, 80:4, 89:6 green 67:1 grocery 58:3 ground 20:24	<pre> < H > Hales 13:1, 35:2, 38:6 half 12:21, 34:11, 34:12, 36:14, 39:13, 50:18, 57:5, 59:2 hallway 13:11 Hamabe 19:9 hammering 42:16 hand 24:19, 51:11, 89:23, 90:2, 96:21 handle 26:8, 31:25, 90:23, 90:25, 92:3 handouts 3:17 hands 14:1, 54:5, 90:17, 96:1, 96:14 handy 88:5 hang 6:10, 31:20, 73:3 hangers 8:17 happen 40:22, 57:17, 82:20 happened 91:24 happens 31:8, 43:24, 82:19 happy 21:11, </pre>	44:10, 84:4, 84:5, 84:6, 85:1 heard 21:10, 87:3 hearing 37:3, 40:1, 86:16 heart 2:15, 26:10, 87:6 heavy 23:24, 70:16, 91:20 height 91:10 held 16:12 Help 3:17, 49:12, 70:17, 72:13 helps 72:8, 84:15 hereby 99:4 Herrick 36:4 High 7:14, 7:17, 11:22, 74:21 higher 11:12, 16:19, 44:13 highlights 48:15 highway 21:24, 25:19 highways 12:25 Hill 1:4, 1:8, 1:12, 1:13, 3:2, 3:3,
group 24:13, 72:21 groups 17:19 grow 62:24 grows 77:12	71:12 hard 87:23, 90:8, 92:13 hardware 87:22 harvesting 23:8	27:2, 35:2, 37:24, 38:6, 38:20, 39:4, 63:16, 67:3, 67:8, 71:3,

73:13, 76:18, 91:19, 94:11 Hills 13:1, 14:9, 16:17, 17:14, 65:1 Historic 17:20, 18:6, 18:19, 19:12, 21:5, 29:19, 29:23, 30:9, 32:2, 32:3, 37:8, 53:25, 59:6, 81:14, 82:7, 82:16, 84:1, 84:12 Historical 17:22, 18:16, 18:17, 18:21, 19:3, 19:13, 22:18, 22:19, 22:23, 23:2, 26:21, 29:18, 29:22, 30:2, 82:24, 83:21, 88:13 history 7:3, 16:11, 18:10, 33:13, 33:14, 33:17 hit 7:11, 7:12, 40:17, 41:1, 84:20 Hold 16:6, 57:15, 77:9, 90:1 holds 74:23 home 19:5, 19:7, 19:8 homes 19:5, 19:7, 19:8 homes 19:5, 41:1, 84:25 honest 26:25, 44:1 hope 27:4, 41:5, 45:12, 51:5 Hopefully 57:5, 63:1	horrified 63:17 horseshoe 20:1 hour 16:16, 39:13 house 40:7, 40:8, 44:8 housekeeping 3:14 houses 5:23, 30:14 hug 17:1 human 83:13, 83:14 hurt 40:9 hydraulic 7:25 hydraulics 8:3 < I > idea 6:1, 23:19, 56:12 ideas 2:17, 62:4 identified 20:25 idle 86:2 ignite 55:6 imagine 40:11 impact 23:10, 23:23, 30:1, 39:1, 39:22, 41:9, 44:24, 49:25, 52:8, 54:25, 59:7, 83:25 impacting 29:21 Impacts 20:9, 20:19, 27:24, 29:25, 47:25, 48:20, 54:12, 54:22, 55:2, 58:1, 58:2, 59:5, 59:9, 70:5, 82:2, 85:8, 85:14 impetus 22:14 impossible	improve 12:6, 66:21, 84:1 improved 9:18 improvement 31:2 improvements 35:17 improving 7:20, 81:10 in-depth 48:17 in-house 14:11 in-water 20:3, 20:6, 86:3 in. 3:16, 42:10 inch 8:8 inches 6:23, 11:19, 24:23, 38:12 include 13:9, 48:7, 48:8, 57:22, 61:20 including 67:7, 90:13 incoming 97:5 incorporate 62:7 incorporate 62:7 incorporated 32:18 incorporating 87:20 increase 44:14, 44:16, 67:22, 67:23 increased 13:7, 25:3, 29:6 increasing 24:25, 45:21 incredibly 45:10, 87:7 Indian 83:11 indicate 52:18 individuals 26:8 industrial 70:24 ineffective 17:15
51 : 5	85:8, 85:14	70:24

4:22, 5:5,	84:2	32:3, 38:11,
22:10, 55:14,	involves 86:6	55:2, 81:11
69 : 24	islands 49:22	keeping 13:21
informational	issue 32:2,	Ken 36:10
3:1	34:1, 35:21,	key 3:12, 3:21,
infrastructure	36:20, 47:8,	34:1, 57:8,
36:12, 88:25	57:8, 59:4,	83:16
initial 56:11	64:8, 68:20,	kids 80:25
input 2:20,	83:16	kinds 73:17
3:8, 24:11, 52:20, 53:3,	issues 3:12, 5:1, 7:1,	knife 5:24 known 19:9
86:22, 87:4	9:25, 30:9,	knows 87:23
inside 76:6	43.15. 54.4.	K110W5 07.25
inspected 6:17,	43:15, 54:4, 55:5, 55:13,	
6:18	77:15, 81:14,	< L >
inspecting	83:21	lady 24:19
43 : 14	Italian 19:1	land 21:7,
instance 14:16,	Item 29:22,	21:9, 23:25,
57 : 10	45:16	33:5, 45:3,
instances 47:12	items 16:14	48:4
Instead 9:14,	itself 8:17,	Landscape
11:1, 57:13,	18:11, 33:24,	25:25, 26:5,
70:25, 89:15	66:24, 75:16,	27:4, 37:9,
Institute 75:3 intent 10:3	75:21	37:18, 49:22, 52:11, 97:8
intent 10.3		landscaping
interest 16:9,	< J >	19:2, 21:21,
17:19, 21:14,	J. 1:10, 99:2	26:3, 37:10,
21:21, 22:2,	Jacoby 32:11	48:7, 61:20,
22:4	Jacoby. 33:3,	65:18, 87:21
interested	33:11	lane 11:24,
18:7, 62:13,	Jan 63:16	11:25, 25:5,
72:21	Jim 2:2, 2:25,	25:6, 25:9,
interesting	11:16, 61:10,	25:20, 29:2,
59:16	87:12	65:9, 78:11
interests 17:22	job 41:3,	lanes 11:21,
intermediate 54:18	51:14, 53:8, 67:20	30:20, 46:4, 46:11
internal 61:15	jump 40:21,	large 48:8,
intimidating	65:4, 68:25	69:25, 70:16,
64:24	jumping 80:25	71:5, 71:15,
introduce 2:6,	justify 36:13	71:16, 90:12,
4:10	_	90:13, 92:9,
invest 97:3		92:10
investigated	< K >	larger 20:5
12:19	kayakers 8:2,	Last 2:14,
investigating	9:19, 23:11,	2:19, 6:18,
35:22	46:24, 80:13 keen 4:6	15:25, 21:13, 36:14, 38:12,
involve 88:17 involved 26:1,	keep 30:4,	43:9, 52:16,
111 V O 1 V C Q 2 O • 1 ,		10.0, 02.10,

52:22, 56:13, 62:20, 70:17, 71:2, 75:24, 76:2, 77:8, 92:9, 98:1 lasting 75:4 late 29:14, 83:2 Later 3:23, 4:2, 4:9, 19:7, 19:8, 21:5, 69:18, 87:24 latest 74:16, 74:17 LATHE 1:18, 2:8, 4:13, 15:23, 15:24, 28:1, 28:5, 34:4, 36:8, 41:21, 41:24, 44:5, 47:11, 47:14, 53:12, 71:14, 71:20, 80:17, 85:6, 86:3, 90:6, 96:4, 96:24 Law 37:18, 47:5, 47:6, 47:18 laws 47:21, 83:14 leaning 70:7 least 47:7, 51:14, 51:18, 88:16, 89:12 leave 62:6, 88:7 leaving 76:18 Ledge 47:11, 47:12, 47:14, 47:16 leery 66:18 left 3:18, 3:20, 23:1, 42:13 leg 18:16, 19:3, 19:11 legal 43:14, 7	90:21, 92:3 legislative 61:18 legislator 47:22 less 14:5, 50:8 letting 64:18 level 17:3, 45:23, 53:1 levels 54:7 Lewiston 18:14 licensed 26:8, 27:5 life 12:14, 42:13, 67:13, 67:22, 72:2, 75:19, 75:24, 88:16 light 5:22, 40:13, 66:4 lighting 21:21 lights 13:18 lightweight 88:18 likely 15:12, 48:7, 76:22 limit 24:15, 91:9, 91:20 limitations 70:15 limited 17:2, 75:19, 75:24, 81:22, 86:13 limits 12:4, 20:21, 46:10 line 5:21, 38:11, 57:3 limits 12:4, 20:21, 46:10 line 5:21, 30:14, 44:18 list 45:14 listed 18:15, 20:13, 80:17 listen 24:10 literally 61:1 live 36:11, 37:2, 40:5, 40:6, 49:17, 51:23, 67:8, 70:22, 78:19	livelihoods 41:9 living 50:7 load 43:17, 91:24, 92:1 loads 43:14, 92:3 lobstering 23:8 local 3:20, 10:10, 12:12, 12:25, 13:1, 13:4, 21:7, 21:21, 21:25, 22:1, 22:4, 31:6, 35:2, 35:8, 36:5, 38:15, 38:18, 47:22, 72:19 locals 3:13, 23:7, 57:14, 57:16 located 19:5 location 6:7, 7:17, 14:8, 17:22, 18:8, 18:18, 19:16, 20:17, 21:15, 23:19, 46:25, 69:23 locations 8:25, 18:18 logistical 62:5 lonely 20:18 long 2:22, 10:14, 15:15, 28:18, 34:23, 36:14, 37:1, 43:9, 43:10, 45:14, 53:22, 57:25, 60:8, 62:20, 81:2, 84:2, 86:9 Long-eared 20:12, 20:17 longer 70:18, 76:2 longevity 74:13, 75:10, 75:14
48:13, 71:7,	lived 40:2	look 2:23,

2:7, 24:6, 34:4, 44:5 middle 5:25,	94:19, 94:20, 96:15 modifications	narrow 16:21, 25:22, 64:21, 72:11, 72:12,
6:2 , 70:12 ,	61:20	93:8
85:23 migratory 19:22	modified 21:19 money 15:10,	narrower 38:10, 66:13
Mike $4:1\overline{0}$,	15:16, 15:18,	narrowness 6:24, 64:20
15:23, 15:24, 16:7, 16:13,	29:16, 33:20, 36:1, 36:2,	National 19:12,
16:15, 16:20, 21:10	36:3, 58:3, 89:17	19:24, 29:13 nationally
miles 13:2,	months 14:5,	18:15, 18:17,
16:16, 34:23, 34:25, 49:17	20:20, 39:8, 39:18, 40:13,	19:9 nature 7:2,
Mill 19:5, 19:19, 51:23	62:7, 86:2 moot 84:18	12:20, 17:5, 81:14, 81:23
million 10:8,	mortar 8:24,	near 51:23
12:11, 41:13, 58:15, 59:2	8:25, 28:14 motivating 24:2	necessarily 46:5, 56:23,
mind 37:1,	move 9:4,	65:11, 81:21
37:22 Mindy 38:19,	21:15, 49:20, 50:7, 50:8,	need 20:11, 26:23, 36:2,
49:15 minimal 9:9,	56:5 moved 27:22,	57:8, 63:2, 65:20, 66:6,
17:8, 54:12	83:6, 83:7	67:17, 71:7,
minimize 29:24, 59:8, 81:15	moving 27:25, 38:11, 54:21,	81:19, 83:9, 83:15, 85:6,
minimum 55:3 minus 46:11	62:19 multi-step	85:19, 86:4, 87:4, 88:6,
minute 14:2,	48:17	89:2, 89:19
37:22, 82:17 minutes 10:20,	municipality 16:10, 21:14,	needing 44:23 needs 51:1,
39:12, 39:14, 39:17, 40:13,	61:10 mutual 67:17,	62:23, 69:10, 89:7
68:1, 98:4	67:18, 67:19,	neglected 36:12
missing 8:25 mistake 88:12	67:20, 68:12 myself 4:10,	negotiable 79:14
mitigate 30:1,	⁻ 16:7, 72:16,	negotiate
83:25 Model 50:12,	80:13	87:15, 87:17 negotiating
50:21 modern 10:17,	< N >	62:8 neighborhood
10:22, 11:18,	name 4:18,	79 : 1
11:19, 14:2, 22:22, 23:16,	15:24, 24:12, 28:1, 36:23,	NEPA 29:13, 29:17, 52:4,
25:2, 25:11, 29:10, 30:7,	41:21, 41:24, 44:7, 49:14,	52:7, 54:6, 54:7, 55:19
45:18, 46:3,	51:22, 63:11,	nervous 16:3,
51:3, 73:17, 74:4, 94:4,	72:4, 74:21, 89:4	69:4 Nevin 18:23,
	•	

18:24, 19:4, 48:10, 77:23	nothing 31:11,	48:9, 53:25,
48:10, 77:23 Nevin. 10:13,	45:24, 59:13, 88:5, 88:13	55:22, 56:4, 56:8, 59:9,
58:17, 58:21,	notice 3:18	64:9, 65:12,
58:24, 60:10,	November 2:10,	66:15, 68:17,
60:15, 60:18,	2:12, 2:19,	83:24, 87:10,
60:22, 61:6, 72:20, 73:1,	15:25, 20:4,	93:21, 95:1, 95:23, 95:24,
72:20, 73:1, 73:6, 78:13,	20:22, 21:4, 56:13, 86:1,	95:23, 95:24, 96:12, 96:14
78:18, 79:3,	86:7	old 6:14,
79:7, 79:13,	nowadays 28:10,	27:11, 39:15,
79:17, 80:20,	74:13	62:14, 63:7,
81:17, 81:24,	Number 22:12,	72:22, 92:18,
83:11, 94:7 newspaper 3:20	22:13, 29:21,	93:1
Next 15:12,	31:24, 42:6, 43:23, 44:11,	older 43:24, 73:18, 75:11,
47:3, 48:9,	48:8, 53:23,	75:22
57:5, 62:6,	58:22, 58:23,	oldest 18:12
66:10, 72:3,	60:20, 70:17,	Olmsted 37:18
93:13	70:20 numbers 55:15	Once 5:9,
nice 6:10, 6:12, 18:4,	numbers 33.13	28:18, 41:19, 42:15, 83:18,
40:16		93:20, 96:9,
nicer 39:25	< 0 >	96:11, 96:14
nine 51:16	objective 81:6	once. 94:2
No. 56:2, 76:7 NOAA 19:24	objectives 80:24	one-lane 13:17 one. 20:18,
nobody 81:1	observational	47:3, 51:25,
noise 14:25,	65 : 7	52:7, 87:15
20:10	obtain 48:12	ongoing 21:1,
non-existing 17:9	Obviously	92:18
North 5:19,	61:23, 62:2 occasions 80:14	Oops 70:12 open 5:11,
44:17, 46:8,	ocean 5:20,	5:12, 7:2,
57:11, 76:11	76:21	20:5, 22:8,
northeast	October 39:21	22:17, 24:9,
17:11, 19:6, 76:16	offer 49:7, 49:11	27:1, 27:2 open-ended
Northern 20:12,	Office 1:8,	41:18
20:17	1:12	opening 10:24,
northwest 9:16,	official 7:5,	16:7, 22:16,
12:6, 17:10,	35:8 officially 98:2	23:12, 23:13
19:10, 44:8, 46:23	officials	openings 7:25 operate 48:12
nose 44:1	38:18, 68:11	operations
Notary 1:10,	often 75:20	20:19, 23:10
99:3	Okay 24:24,	opinion 40:11
notch 88:20 note 7:23,	25:8, 28:23, 44:4, 45:14,	opportunity 44:10, 52:16,
20:14	45:16, 47:3,	61:13, 87:24,
	, , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , ,

97 : 25	parallel 79:9	78:4, 78:15
opposition F7.13	park 26:17,	paved 9:15,
56:24, 57:13 options 3:9,	46:25, 73:21, 79:12, 81:9	31:2, 77:25, 78:22
4:24, 5:7,	parking 9:17,	pavement 37:4,
7:19, 12:16,	9:23, 12:8,	46:12, 77:16,
15:3, 21:1,	13:4, 17:7,	77:19
22:7, 22:13, 34:10, 34:18,	17:9, 21:19, 30:21, 31:3,	pavers 77:12
51:6, 51:8,	37:4, 77:5,	paving 9:22, 10:2, 26:16,
52:23, 53:24,	79:9, 79:20,	76:13, 76:15
62:1, 71:11,	79:23, 81:5,	pay 31:6,
90:4, 93:21, 94:16, 95:15	81:19, 81:22, 81:25	31:21, 32:20, 36:16, 51:9,
orange 5:22	part 3:5, 8:12,	51:10, 94:12,
order 27:17,	8:14, 10:11,	94:13
69:25	29:11, 29:17,	paying 17:6,
original 17:25, 44:13	47:25, 52:13, 55:19, 72:15	47:9, 50:1 pedestrian
originally	participate	16.24 24.4
28 : 12	31:13, 61:19	31:7, 31:9,
Orland 10:20	participation	33:13, 33:22,
ought 51:13, 51:19	52:5, 52:13, 52:21, 53:2,	61:14, 80:3, 80:4, 81:7
outcome 53:17	56:10, 56:17,	pedestrians
outdated 26:13	57:20	16:25, 17:2,
outlined 49:4	particular 8:1,	17:4, 33:16, 33:18, 33:21,
outreach 55:13 outside 6:10,	48:5, 58:7, 59:22	33:24, 33:25,
13:11, 13:14,	particularly	66:19, 68:24,
21:23, 69:3,	61:2	69:19, 79:20,
76:8, 86:8, 96:23	parts 33:19, 93:14	79:21, 79:24, 81:3
overcome 30:9	pass 6:25,	peeled 21:3
own 44:8, 77:15	10:17, 16:22	Peg 24:20,
owner 49:10,	passed 32:13,	24:24, 25:4,
64:3, 64:7, 64:10	32:23, 47:21 past 6:23, 7:8,	25:8, 25:12, 25:16, 26:4,
owners 3:19,	9:24, 27:22,	26.7 26.15
21:7, 21:9,	58:14, 75:8	37:17, 68:22,
23:25, 48:3, 48:12	patch 74:5, 75:20, 75:21,	70:13, 71:9, 71:18, 71:23,
oysters 19:25	76:8	97:2, 97:12,
4	patience 65:6	97:16, 97:20,
/ D \	Paul 18:23	97:24
< P > P-E-T-R-O 24:20	pause 65:3, 65:6	peninsula 49:23, 50:3,
p.m. 1:14, 98:6	pave 12:8,	50:18
paint 38:13	30:21, 46:13,	Penobscot
painting 80:15	47:1, 76:21,	50:24, 51:16

per 16:16	57:17, 57:19, 82:22, 83:18	24:18, 28:2,
percent 10:9, 12:11, 12:12,	82:22, 83:18 picked 5:5	41:22, 41:24, 62:22
22:4, 36:15,	pickle 35:12	pleasing 63:5,
42:21, 54:11,	pickup 50:19	95:3, 95:10
60:2, 64:12,	picture 26:13,	plenty 4:2
70:9, 70:10	32:12, 32:14, 32:17, 32:21,	plow 14:21
perfect 57:22, 74:8, 74:10,	32:23, 64:24	plowed 39:10 plus 46:11
77:21	pictures 6:11,	point 4:16,
performance	6:12, 10:17,	29:1, 35:6,
74:21	11:3, 13:11,	56:22, 60:14,
performed 17:24 perhaps 65:17	13:14, 88:4 piece 48:22,	61:10, 64:21, 67:9, 68:23,
period 7:14,	52:11	80:24, 82:23,
7:16	pieces 62:5	84:19, 85:3,
permanent 48:23	piers 86:5	89:21, 93:2,
permission 13:6, 21:8,	pin 9:3 pink 24:19,	93:4, 96:25 points 61:9
34:21, 35:9,	68:21	police 7:4,
35:11, 35:16,	place 9:20,	7:7 , 68:10
48:12	30:13, 36:25,	policing 81:2
permitting 30:8 Perry 36:25	46:21, 50:8, 62:3, 62:9,	Policy 21:17, 21:22, 22:2,
person 4:18,	68:14, 68:17,	22:7, 29:14,
7:11, 38:20,	78:12 , 86:1	31 : 6
40:20	placed 87:8	poll 2:16,
personal 26:19 personally	places 37:5 plaid 49:13	88:9, 89:22, 93:12, 93:23
63:6, 87:9	plan 5:14,	polling 72:21
pertaining 2:22	5:19, 6:3,	Pond 18:25,
Petro 68:22	15:15, 15:16,	19:20, 19:25, 44:15, 51:23,
Petro. 24:24, 25:4, 25:8,	33:6, 47:20, 48:7, 56:11,	51:24, 69:11,
25:12, 25:16,	61:21, 84:4,	76:21, 77:1
26:4, 26:7,	84:5, 84:7,	poor 8:14,
26:15, 37:17,	85:5, 85:7,	8:19, 9:5,
70:13, 71:9, 71:18, 71:23,	87:16, 87:19 planned 44:10	92:2 popular 8:1
97:2, 97:12,	planning 8:2,	porous 77:16,
9/:16, 9/:20,	30:18, 30:25,	77:18
97:24	33:1, 37:5,	portion 9:4,
philosophical 64:19	37:11, 37:25, 78:10, 82:17	9:6, 21:24 poses 7:1
philosophy	plans 47:4,	position 31:23
45:22	62:2, 80:23,	possibility
photograph 5:17	81:13, 82:14	64:23, 65:15,
physical 81:23 pick 15:6,	plea 36:24, 37:12	89:14, 89:15 possible 2:18,
56:2, 56:19,	please 24:12,	34:20, 69:15,

Protection 20:12, 75:19 provide 71:13 provided 22:5, 61:21 Public 1:8,	Putnam. 28:20, 28:25, 88:10, 94:21 puts 35:12, 67:9 Putting 10:2,	64:25, 65:25, 76:17, 78:20 < R > rail 11:4,
1:10, 3:2, 5:9, 16:1, 16:12, 17:6, 17:8, 22:10, 23:20, 24:4, 51:4, 52:4, 52:12, 52:21,	27:11, 27:13, 37:4, 44:21, 66:18 < Q > qualifying 31:7	11:5, 11:6 rails 68:25 rainbow 19:21 raise 11:10, 11:12, 24:19, 50:6, 51:11, 89:23
53:2, 56:9, 56:17, 56:24, 57:20, 63:21, 71:2, 89:7, 92:9, 99:3, 99:13 pull 9:19,	quarter 58:15 question 24:11, 28:12, 28:21, 29:4, 29:9, 30:16, 34:5, 36:23, 42:1, 45:25, 48:11,	raised 14:10, 16:14, 17:7, 17:13, 25:13 raises 96:21 Ram 50:14 ran 40:19 range 15:15, 60:4
80:14 pulled 17:10 pulling 71:6 pure 59:5 purely 62:21 purple 59:10 purpose 3:3,	55:8, 56:9, 65:21, 66:16, 69:9, 69:23, 70:14, 73:19, 74:3, 76:9, 77:24, 80:21, 82:6, 88:1,	rank 49:21 rap 64:13, 69:16 rate 16:19 rather 28:14, 89:10
22:9 purposes 8:10, 74:2 pursue 84:15 pushed 27:3 pushing 57:13 put 14:12,	88:8, 91:6, 92:15, 93:14, 95:13 questions 3:22, 4:1, 4:3, 4:9, 4:17, 4:19, 5:11,	RE 1:4 re-evaluated 57:1 real 5:16, 9:9, 22:13, 30:18, 31:3, 32:14, 35:12, 40:15,
14:18, 30:12, 31:10, 33:7, 33:9, 37:22, 45:18, 48:1, 48:24, 49:3, 51:2, 53:12, 55:8, 61:17,	21:10, 22:9, 22:16, 24:16, 24:17, 28:8, 34:6, 44:11, 47:24, 52:3, 73:9, 73:13, 97:1	45:6, 70:2 reality 46:12 realized 16:8, 64:4, 64:8 reason 5:4, 63:5, 65:14, 69:13, 70:6,
61:18, 64:13, 67:12, 68:18, 70:3, 75:21, 76:22, 79:18, 81:5, 86:4, 89:7, 90:10, 90:17, 92:24 Putnam 28:7,	quick 5:17, 44:1, 48:11, 89:22, 89:24, 91:5 quicker 14:3, 58:4, 88:17 quite 13:14, 19:14, 43:25,	75:15 reasonable 62:17 rebar 42:8, 43:2, 43:5, 43:7, 75:12, 75:15, 75:16, 75:17
64:17	54:19, 60:21,	rebuild 28:10,

28:11, 63:25, 88:25 rebuilding 76:6 rebuilt 37:23, 63:19, 72:23 recently 57:11 receptive 62:4 reconstructed 95:10 Reconstruction 63:25, 88:13, 89:10, 89:11, 95:9 record 4:14, 4:20, 24:13, 45:11, 53:13, 63:11, 89:7 records 7:9, 40:23 recreate 94:8, 94:10 recreated 88:14 recreation 33:18, 94:12 recreational 23:11, 23:14, 31:16, 31:19, 80:7 red 5:20 reference 21:4, 52:3 refurbish 45:5 refurbishment 95:21 regard 55:7 region 64:6, 72:16 Registered	96:6 rehabbed 74:15 rehabbing 73:16, 75:12, 75:13, 76:5, 82:12, 93:24, 95:25 Rehabilitating 96:4 rehabilitation 7:21, 8:12, 20:10, 21:16, 23:5, 24:8, 89:11, 93:15 reinforce 2:17 reinforcement 42:9 reinforcing 75:6 relative 95:19 relatively 11:8 relies 38:23 rely 39:23, 40:5 remainder 8:16 remaining 18:12 remains 83:13, 83:15, 84:24 remember 63:21 remembers 62:11 remind 5:3 reminder 16:6, 34:8 remiss 21:13 remortar 9:3 remove 28:15, 49:4 removing 41:14	## 42:12 repaired ## 42:5, ## 42:24 repairing 37:6 repairs ## 43:9 repeat 2:11, ##:17, 29:8 repeat 8:13, ## 8:16, ## 8:20, ## 22:25, ## 23:4, ## 29:9, ## 30:5, ## 30:7, ## 5:1, ## 45:4, 94:18 replaced 50:23 replacement ## 12:9, ## 12:13, ## 21:16, ## 22:22, ## 24:8, ## 27:15, ## 30:24, ## 32:16, ## 32:19, ## 33:1, ## 66:17, ## 73:10, ## 73:15, ## 4:15, ## 88:22, ## 89:3, ## 95:21, ## 96:15 replacing 9:6, ## 10:16, ## 41:14, ## 65:23, ## 44 replicating ## 60:12 report 7:5 Reported 1:10 Reporter 1:11, ## 4:15, ## 24:12, ## 24:16, ## 99:2 Reporter/notary
80:7 red 5:20 reference 21:4, 52:3	83:15, 84:24 remember 63:21 remembers 62:11 remind 5:3	65:23, 94:4 replica 94:20, 95:12 replicating
95:21 regard 55:7 region 64:6, 72:16	remiss 21:13 remortar 9:3 remove 28:15, 49:4	Reported 1:10 Reporter 1:11, 4:15, 24:12, 24:16, 99:2
18:15, 18:17, 19:12 regress 62:18 regret 63:7 regular 38:7	render 2:14 renovating 27:11 repair 7:22, 7:23, 10:4,	99:13 REPRESENTING 1:17 require 52:8 required 65:11
regularly 16:18 rehab 10:3, 10:5, 12:2, 12:15, 13:20, 14:5, 27:15, 30:16, 30:18,	30:4, 41:13, 41:19, 43:16, 45:1, 45:4, 45:13, 62:19, 86:18, 94:17 repairable	<pre>requirements 24:5 requires 52:10, 65:6, 65:7, 70:1 research 66:3</pre>
30:23, 74:5,	30:5, 30:6,	residence

18:25, 23:25 resource 83:10 Resources 19:23, 83:4, 83:6, 83:8 responder 71:17 responders 67:6, 67:10, 70:21 response 57:25, 67:15 restaurants 50:1 restoration 86:5 restore 48:4, 48:9, 86:17 restrict 65:12 restricted 20:3 restriction 16:19, 20:2 restrictions 70:16 results 75:4, 83:3, 83:17 retain 23:16	13:5, 13:9, 17:16, 34:20, 35:1, 35:2, 35:5, 35:14, 35:16, 36:5, 36:6, 36:7, 37:24, 38:5, 39:9, 63:2, 72:9, 72:11 roadway 80:23, 93:8 Robin 1:10, 4:15, 4:19, 73:12, 73:23, 74:11, 74:25, 75:9, 76:1, 76:4, 76:10, 76:14, 77:2, 77:11, 77:17, 84:3, 84:9, 88:2, 91:1, 94:15, 94:24, 96:16, 99:2 rocks 27:2 rolling 15:16 room 16:24,	<pre>17:14, 74:1 < S > safe 9:20, 36:14, 43:13, 43:17, 69:3 safest 62:17 safety 23:20, 24:3, 24:4, 26:18, 36:19, 65:1, 66:21, 70:21, 87:4 safety-wise 69:2 Salt 18:25, 19:20, 19:24, 44:15, 51:24, 69:11, 76:21, 77:1 samples 42:6 sand 77:20, 78:3, 78:22 sands 76:24 satisfied 94:22, 95:21</pre>
reversal 18:3, 80:12 reversing 18:6, 49:17, 51:3, 61:4 review 82:24 revoting 90:15 revving 16:2 Richard 32:11, 33:3, 33:11 rickety 50:24 right-hand 32:14 rights 48:2, 49:3 rip 64:13, 69:16 rise 45:23 River 50:25, 51:17 roads 12:25, 13:1, 13:4,	rough 6:14, 9:10, 10:7, 12:10 Roughly 9:22, 10:9, 11:12, 13:2, 13:22, 43:15, 46:11, 46:16, 66:24, 78:23, 79:12 Route 10:21, 13:3, 19:22, 34:5, 34:6, 34:18, 34:19, 35:8, 92:17 routed 34:17 routed 34:17 routes 34:20, 38:16, 72:9, 72:14, 72:17 rule 6:15, 9:10, 66:22, 91:12 run 39:20, 74:1 run-off 17:12,	58:3, 72:2, 84:14 saw 12:21, 17:10, 39:3 saying 32:19, 45:12, 53:18, 78:21, 81:6 says 16:5, 47:6, 82:16 scares 37:11 Schatz 61:10 Schatz 2:2, 11:16, 87:12 school 31:9, 33:23, 58:1, 61:24 scope 21:24 scratch 60:12 screening 48:6 sea 45:23 season 20:5, 86:14 second 19:3,

significantly	25:23, 69:5,	67:8, 71:3, 73:13, 82:4,
44:24, 65:17 signs 3:16,	69:20 slowing 23:23	73:13, 82:4, 92:11
91:9	slowly 43:5	southeast 18:25
Silverado 50:15	small 57:18,	space 26:9
similar 10:23, 12:2, 30:25,	62:12 smelts 19:21	spaces 12:8, 79:23
32:13, 32:24,	Smith 37:21	span 10:24,
65 : 25	snapshots 80:15	span 10:24, 11:9, 23:12,
similarly 50:2	soft 8:19,	59:22, 59:23,
simple 85:22 simply 78:3,	75:23 soft-shell	60:4, 60:7, 86:20, 88:16
78:21	19:25	spans 60:2
single 10:24	solution 62:23	speakers 64:23
Sir 37:20,	solved 34:1	speaking 94:2
41:21 sit 40:12,	somebody 6:10, 7:4, 40:19,	special 21:18, 61:13
61:13, 90:8	41:1, 85:22	Species 19:19,
site 7:10,	someone 17:10	19:21, 20:13,
7:13, 8:1, 15:22, 18:1,	sometime 57:4, 62:6	55:15
20:23, 23:17,	Sometimes 20:5,	specific 21:14, 62:3
23:19, 30:14,	42:15, 43:25,	speech 2:22
37:8, 48:5,	48:25, 57:16,	Speed 14:9,
58:7, 61:2, 81:23, 82:9,	57:17 somewhat 65:23,	14:18, 14:20, 16:15, 16:16,
84:1, 84:2,	74:4, 80:9	16:13, 16:16, 16:19, 25:19, 25:23, 25:24
84:12, 89:25,	somewhere 78:25	23.23, 23.24,
93:6	soon 46:7	44:19, 44:20,
sites 59:15, 84:13	sophisticated 65:24	44:21, 47:17, 47:19, 47:21,
sits 8:22, 19:9	sore 69:14	69:7
sitting 79:22	Sorry 10:13,	speeds 14:13
situation 68:3, 91:11	41:23, 47:13, 97:20	spend 15:16, 33:20
six 14:4, 62:6,	sort 14:10,	spending 36:13
79:1, 79:12	17:3, 52:17,	spiel 5:12
six. 79:2	63:1, 64:19,	spoke 52:24
size 23:13, 33:4, 78:1,	64:20, 66:18, 76:6, 84:15,	spot 9:18, 17:4, 58:8,
78:5	85:5, 86:22,	58:19
sky 5:18	89:18	spots 5:22,
slew 54:4 slice 5:25, 6:6	sorts 26:22, 66:3	42:8, 43:2, 74:8
slope 48:24,	sounding 20:16	spring 20:14,
64:11, 64:12	source 39:17	63:17
slopes 85:10	South 3:3,	stable 10:1,
slow 14:16, 14:19, 16:3,	5:20, 27:1, 38:20, 46:9,	77:8 Stage 12:22,
16:5, 25:21,	63:19, 67:3,	34:10
1	1	

stages 12:20 staging 30:12 stakeholders 41:6 stamped 4:5 stance 31:12 stand 4:18 start 16:2, 16:4, 28:8, 42:14, 42:16, 47:22, 71:16, 79:20, 83:19 start-off 56:12 started 2:3, 15:9, 16:7, 17:17, 21:2, 61:22, 62:2,	Stream 19:19, 19:20 Street 1:13 strong 65:1, 66:5, 74:23 stronger 74:14 strongly 65:21 structure 11:1, 13:13, 23:15, 23:17, 45:17, 65:24, 89:9 structures 59:18 struggling 12:17 stuck 37:1 stuff 14:19,	92:21 supports 90:17, 90:19, 93:15, 93:24, 95:25 supposed 73:25 surface 8:9, 8:15, 11:15, 11:17, 21:20 surfers 8:2, 23:11 swimming 33:16 swing 69:25, 70:2 symbol 37:8 system 11:8, 64:21
71:14 starting 9:1, 43:3, 61:23, 82:14 statement 52:8, 94:22 statements 75:10 States 18:13, 21:23, 22:2, 29:11, 47:19, 60:25 statistics 7:13 stay 50:5, 50:25, 51:2, 59:25, 82:1 steel 6:11, 41:15, 41:16, 42:9 steep 64:11, 76:18, 77:10	14:24, 59:6, 70:14, 73:18, 75:22, 76:8, 76:24 sturdy 51:1 sturgeon 19:17 style 19:1 subject 69:14 sudden 67:18 suggest 38:2 suggested 60:13, 88:19 suggesting 51:2, 51:3 suggesting 51:2, 51:3 suggestions 66:11, 86:25, 95:1 summer 19:4, 39:5, 39:18, 40:4, 56:16, 80:13	<pre> <t> talked 12:5, 14:11, 22:12, 25:17, 34:9, 34:13, 61:15, 82:25, 96:7 taxes 36:17, 50:2, 51:9, 51:10 team 2:6, 2:7, 42:2 technically 30:8, 31:23 techniques 14:16, 66:4 technological 28:10 technology 42:10, 65:25, 97:14 </t></pre>
stenograph 99:6 step 56:25 steps 49:11 stone 95:19 stones 8:24, 9:1, 9:3 Stop 40:12, 43:4, 95:5 strain 93:6 strategies 43:6 straw 2:16, 88:9, 89:22	summer/early 21:5 summering 70:23 summertime 40:25 sunset 36:25 superior 65:24 superstructure 8:17, 8:22 support 19:20, 87:13, 91:3, 91:13, 92:7,	temporarily 69:17 tension 17:3 terms 53:2 tested 11:5 Texas 11:4 Thanks 27:6, 34:3, 34:8, 36:21, 37:16, 63:10, 64:17, 66:15, 68:5, 69:22, 72:3

They'll 2:12, 85:15, 97:13 thin 11:8 thinking 9:8, 9:10, 9:18, 9:21, 10:5, 45:18, 46:10, 46:22, 80:9, 81:8, 91:8 third 13:10,	tied-arch 18:11, 18:13 ties 14:1 tight 30:13, 93:6 timeline 52:9 today 8:7, 16:25, 17:11, 51:1 toe 85:9	35:1, 35:5, 35:8, 35:16, 37:24, 39:9, 39:13, 47:9, 61:17, 68:10, 94:11 towns 38:1, 67:20, 72:19 townsfolks 17:18
19:11, 29:4, 29:25, 34:14, 38:14, 52:5, 52:25, 56:10, 86:21, 87:8, 88:3, 88:11, 89:20, 93:18, 93:22, 93:25, 94:1, 94:6,	together 38:5, 97:7, 97:9 tonight 2:19, 3:1, 3:3 tons 30:11, 61:5, 66:7, 80:13 top 5:17, 8:15, 8:18, 9:4,	Toyota 50:15 tracks 43:5 tractor 70:1, 70:14, 70:19, 71:5, 71:6, 71:15, 72:1 Tradewinds 14:17 Traffic 3:12,
94:8, 94:9, 94:19, 95:3, 95:11, 95:22, 96:3, 96:19, 97:6 Thom 36:23, 86:15, 87:1, 90:22 thorough 10:5	9:6, 39:12, 49:24, 60:9, 64:25, 84:12, 88:20 torn 87:3, 87:6 total 10:8, 12:10, 65:8 totally 26:24, 28:9, 43:4, 44:23	4:25, 6:18, 12:18, 13:7, 13:18, 14:10, 14:11, 14:12, 14:14, 14:15, 14:24, 15:6, 23:24, 24:4, 29:6, 34:9, 34:10, 38:16,
though 33:21, 63:6, 90:4 thoughts 24:1, 86:25 threatened 20:13 three 7:8, 7:14, 7:16, 15:16, 27:9, 28:8, 28:22,	touch 4:25, 14:2, 48:15, 59:4 tough 14:7, 44:1, 53:8, 61:4 tourist 80:7, 80:11, 80:22, 81:7	44:15, 58:5, 58:7, 72:16, 80:2, 81:5 trailer 38:7, 71:5, 71:6, 71:15, 72:1 trailers 70:1, 70:14, 70:19, 79:11 TRANSCRIPT 2:1,
34:6, 34:9, 38:3, 38:4, 40:18, 40:23, 49:25, 54:7, 67:7, 93:21, 94:16 three. 28:23, 59:9	tourists 23:18 towards 5:19, 69:10, 70:7 Town 1:8, 1:12, 2:16, 10:11, 13:6, 13:7, 16:10, 23:25, 29:3, 29:6,	99:5 transformed 26:24 Transportation 1:2, 4:12, 59:14, 62:1, 91:13 travel 16:18
throw 22:15 thumb 9:10 tie 54:5, 97:9 tied 86:7	30:23, 31:5, 31:9, 31:13, 31:21, 32:9, 32:20, 34:7,	traveling 17:6, 23:20, 24:4 treacherous 41:2, 41:4

treasure 19:15 treatments	84:5, 84:10, 84:13, 85:2,	85:17 update 15:4, 15:15
21:20, 21:21 trees 20:20, 20:23, 26:12,	85:13, 89:16, 95:18 Ts 50:21	Updated 50:13 upgrade 9:12
27:2, 45:1,	turn 5:1, 9:15,	upstream 13:13,
45:3, 48:6,	15:19, 27:18,	27:14, 34:13,
48:8, 64:5,	29:2	70:6, 70:7
64:10, 69:14,	turned 28:2	urge 89:8
70:4, 70:5	twice 64:18	usage 80:3
tremendous	type 11:1,	users 23:14,
53:23 trend 80:3 tried 77:15	11:9, 59:24, 60:3, 60:4, 94:5, 94:19	91:13 uses 86:21
trove 19:15 truck 38:24,	·	using 13:3, 23:7, 33:18, 35:14, 73:14, 73:18, 74:16,
65:4, 68:19, 69:5, 70:3, 71:23, 71:25,	<pre> < U > ugly 51:4 unattractive</pre>	73:18, 74:16, 74:17, 86:19, 90:19
91:9	63:23	Utilities
truckers 92:13	underneath 8:4,	27:23, 27:25,
trucking 71:4	75:13	47:3, 47:5,
trucks 6:25,	understand	47:6, 47:8,
16:22, 27:18,	27:10, 36:18,	47:10
38:7, 50:19,	44:23, 52:10,	utility 27:21,
71:7, 71:15, 71:20, 71:22,	53:16, 56:4, 57:23, 67:25, 80:6	30:14, 44:18, 44:19 utilize 19:22
90:12, 90:14, 91:18, 92:8, 92:9, 92:11	understanding 52:16, 52:21	
true 87:18, 88:21, 88:22, 99:4	understands 67:14 underwritten	<pre>< V > vacant 50:2 vacuum 77:19</pre>
truss 6:12,	29:3	value 49:6,
7:2, 11:7	Unfortunately	49:8
try 3:4, 9:12,	7:12, 12:20,	valued 62:14
12:5, 12:7,	26:14, 27:20,	van 7:12
14:16, 15:5,	30:13, 34:22,	vans 79:10
22:10, 23:16,	64:11, 77:10,	variety 55:15
29:21, 32:3,	77:21, 93:6	vehicles 6:20,
47:16, 48:9,	Union 1:13	16:18, 17:1,
49:10, 59:8,	United 18:13	50:18, 61:24,
66:22, 66:25,	University	70:16, 71:7,
68:13, 74:6	66:2, 75:2,	71:17, 72:7,
trying 30:5,	88:18, 88:21,	79:12, 90:18,
36:25, 51:7,	97:5, 97:10,	90:21, 90:23,
53:11, 59:7,	97:19, 97:22	90:25, 91:4,
63:4, 66:20,	unofficial 9:16	91:6
80:4, 80:5,	Until 56:2,	versa 17:7
81:15, 82:1,	62:3, 73:4,	version 50:13,

		50:15 versus 39:25, 73:10, 90:1, 90:20 viable 27:16 vice 17:6 vicinity 59:3 view 6:4, 61:10, 88:12, 93:3, 93:5 Villa 18:23 Village 10:22, 39:4, 91:19 Virtually 54:16, 54:25, 68:8 visibility 7:1, 17:2 visiting 9:19 visitors 23:18 visual 64:24, 86:22 voids 77:20 volatile 63:24 vote 86:16, 87:3, 87:14, 88:7, 89:24, 90:8, 93:20, 96:13 voting 91:2 < W > wage 50:7 Wait 82:16, 84:4, 85:1, 96:13 voting 91:2 < W > wage 50:7 Wait 82:16, 84:4, 85:1, 96:13 voting 91:2 < W > wage 50:7 Wait 82:16, 84:4, 85:1, 96:2 waiting 40:22, 83:3, 83:16 Wakonda 19:6, 19:8, 44:9, 46:20 walk 85:17 walking 69:1 walkways 61:14, 87:22 wanted 21:3, 23:6, 31:14, 31:23, 31:25,	33:7, 45:4, 47:16, 56:15, 64:18 wants 3:21, 88:7, 96:6 warn 63:22 washing 76:20, 77:9 waste 20:24 water 8:3, 13:25, 17:12, 17:14, 20:4, 20:24, 23:10, 23:14, 44:25, 45:17, 58:9, 86:4, 86:6, 86:9, 86:10, 86:12, 86:13 waterfall 18:3, 18:4 waters 49:21 ways 65:13, 68:19 wearing 8:9, 8:15, 11:15, 11:17 week 25:18, 40:18, 42:3, 68:16 weighs 30:11 weight 31:25, 66:5, 91:20 welcome 2:4 whatever 4:6, 26:11, 37:23, 39:19, 40:9, 62:7, 63:5, 63:18, 63:19, 74:1 wheelers 81:1 whenever 29:15, 34:20 whether 37:6, 38:25, 39:24, 40:12, 61:14, 65:14, 70:6, 73:15, 87:21, 87:22	white 38:18, 63:14, 78:22 whoa 85:11 whole 29:20, 42:2, 54:4, 81:10 wide 9:17, 11:22, 12:7, 24:21, 25:4, 25:5, 25:7, 46:3, 46:24, 50:13, 50:16, 65:4, 65:17, 66:25, 69:5, 79:4, 79:5, 94:5, 96:18 widen 9:13, 33:8 widening 25:22, 78:16 wider 25:18, 46:22, 69:7, 86:19, 92:17 widow 18:23 Width 6:22, 11:20, 16:19, 16:20, 23:22, 44:16, 46:1 Wilder 73:12 Wilder 73:12 Wilder, 73:23, 74:11, 74:25, 75:9, 76:1, 76:4, 76:10, 76:14, 77:2, 77:11, 77:17, 84:3, 84:9, 88:2, 91:1, 94:15, 94:24, 96:16 wildlife 55:7 willing 65:3 WIN 1:6 window 86:8 windows 20:3 winter 39:8, 77:19, 86:13 wintertime 20:21, 41:4 wish 21:10, 65:21, 66:9
--	--	---	--	---

```
within 63:5,
                     write 4:6,
  99:3
                       28:24
without 13:5,
                     written 44:11
  34:21, 65:15,
  87:24
woman 44:5,
                     < Y >
  44:6
                     year 6:18,
                       6:19, 7:14,
wonder 65:14,
  72:21, 86:20
                       7:16, 13:22,
wondering 45:1,
                       15:8, 15:12,
63:20, 67:8,
68:3, 72:8
Woods 13:1,
                       15:14, 15:16,
                       20:15, 38:10,
                       38:14, 39:2,
                       49:19, 56:13,
  35:3
                       57:5, 57:8,
words 78:2,
                       57:15, 62:7,
  84:22
                       70:19, 70:23, 75:14, 77:19,
work 5:16, 8:4,
  9:8, 9:9,
                       83:2, 83:18,
  12:2, 13:25,
  16:5, 20:3,
                       89:11
  20:4, 20:6,
                     year-and-a-half
  23:9,
         41:19,
                       14:4, 34:16,
  44:19, 48:14,
                       39:3
  48:24, 50:5,
                     year-round
  57:16, 58:2,
                       38:20, 40:5,
         77:20,
                       41:7, 49:18
  64:1,
                     yearly 43:15
  83:5, 86:3,
  86:5, 86:11,
                     years 6:14,
                       6:16, 6:17,
  89:17, 92:18,
                       7:9, 10:6,
  92:25, 93:5,
                       12:14, 18:2,
  93:7
                       18:4, 34:16,
worked 64:6,
  64:7, 64:9
                       38:13, 40:2,
working 40:14,
                       40:23, 42:2,
                       42:19, 42:24,
  63:1, 82:25
                       43:8, 43:19,
works 29:20,
                       51:16, 74:15,
  51:4
world 57:22
                       79:21, 88:16,
                       89:12, 91:17
worms 41:18
worry 39:9,
                     yellow 38:11
  39:14, 39:19,
                     young 40:20,
  39:24
                       50:4, 62:25,
                       97:3
worse 38:8,
  50:11, 51:18,
                     yourself 3:17,
  76:19
                       49:12
worst 29:25,
                     Yup 27:13,
                       28:19, 45:15,
52:1, 71:1,
78:23, 80:19,
  45:22, 46:7,
  83:23
worth 53:18
                       93:13, 97:15
wrap 15:3
```