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Minutes

Meeting Cape Cod Commission First District Courthouse • Assembly of Delegates Chambers 3195 Main Street, Barnstable, MA 02630

September 14, 2017

The meeting was convened at 3:00 p.m., and the Roll Call was recorded as follows:

Town	Member	Present
Barnstable	Royden Richardson	\checkmark
Bourne	Richard Conron	\checkmark
Brewster	Elizabeth Taylor	\checkmark
Chatham	Michael Skelley	$\sqrt{}$
Dennis	Richard Roy	\checkmark
Eastham	Joy Brookshire	\checkmark
Falmouth	Charles McCaffrey	Absent
Harwich	Jacqueline Etsten	\checkmark
Mashpee	Ernest Virgilio	\checkmark
Orleans	Len Short	\checkmark
Provincetown	Vacant	Vacant
Sandwich	Harold Mitchell	\checkmark
Truro	Kevin Grunwald	\checkmark
Wellfleet	Roger Putnam	\checkmark
Yarmouth	John McCormack, Jr.	$\sqrt{\text{(left at 4:45 p.m.)}}$
County Commissioner	Mary Pat Flynn	Absent
Minority Representative	John Harris	\checkmark
Native American Rep.	David Weeden	\checkmark
Governor's Appointee	Michael Maxim	\checkmark
- -		

The meeting of the Cape Cod Commission was called to order on Thursday, September 14, 2017 at 3:00 p.m. in the First District Courthouse, Assembly of Delegates Chambers, 3195 Main Street, Barnstable, MA. Roll was called and a quorum established.

■ SUMMARY OF ACTIONS TAKEN/VOTES:

Public Hearing: Sagamore Line Reinforcement Project, Western Segment Phase-3

The Sagamore Line Reinforcement Project's Western Segment Phase-3 project proposes installation of approximately 2.2 miles of gas distribution pipeline along, in and under Service Road beginning at Chase Road in East Sandwich and extending easterly into West Barnstable. Following presentations, testimony and discussion a motion was moved and seconded to close the public hearing. With 14 members voting the motion to close the public hearing passed with 13 votes in favor and one opposed (Brookshire). Following the close of the public hearing a motion to adopt the draft written DRI Exemption Decision and grant the requested DRI Exemption for the Sagamore Line Reinforcement Project's Western Segment Phase-3 was moved and seconded. With 14 members voting the motion passed with 12 votes in favor and two opposed (Richardson and Brookshire).

Public Hearing: Yarmouth Growth Incentive Zone

A request by the Town of Yarmouth to extend the term of its designated Route 28 Corridor Growth Incentive Zone (GIZ) for an additional four years to October 22, 2021 was before the Cape Cod Commission for consideration. Following presentations and discussion the Commission voted unanimously to close the public hearing. Following the close of the public hearing, the Commission voted unanimously to adopt the draft written Yarmouth Route 28 Corridor Growth Incentive Zone Extension Decision and grant the requested extension for an additional four years to October 22, 2021.

Public Hearing: Growth Incentive Zone Regulations Proposed Amendment

Commission staff presented the proposed amendment to Growth Incentive Zone Regulations, Chapter G of the Code of Cape Cod Commission Regulations that would allow a Growth Incentive Zone designation period to be extended one time by the Executive Director for a period of up to 180 days. Following the presentation and discussion a motion was moved and seconded to close the public hearing. With 14 members voting the motion passed with 13 votes in favor and one opposed. Following the close of the public hearing, the Commission voted unanimously to submit, as drafted, the proposed amendment to Section 11 "Duration" of the Growth Incentive Zone Regulations, Chapter G of the Code of Cape Cod Commission Regulations, to the Assembly of Delegates for adoption by County ordinance.

■ TRANSCRIPT OF THE CAPE COD COMMISSION MEETING ATTACHED

Attached is the transcript of the September 14, 2017 Cape Cod Commission Meeting prepared by Linda L. Wesson, Professional Court Reporter. The transcript includes:

- Public Hearing: Sagamore Line Reinforcement Project, Western Segment Phase-3
- Public Hearing: Yarmouth Growth Incentive Zone
- Public Hearing: Growth Incentive Zone Regulations Proposed Amendment
- Presentation on the Marine Mammal Act by Erin Burke of the Massachusetts Division of Marine Fisheries.

A motion was made to adjourn at 5:01 p.m. 11	ne motion was seconded and voted unanimously.
Respectfully submitted,	
Elizabeth Taylor, Secretary	_

List of Documents Used/Presented at the September 14, 2017 Commission Meeting

- Handout material: September 14, 2017 Commission meeting agenda.
- Handout material: Sagamore Line Reinforcement Project, Western Segment Phase-3 draft DRI Exemption Decision.
- Material presented: PowerPoint slide presentation on the Sagamore Line Reinforcement Project, Western Segment Phase-3 by Colonial Gas Company dba National Grid.
- Handout material: Town of Yarmouth Route 28 Corridor Growth Incentive Zone Extension of Designation Period draft Decision.
- Handout material: Chapter G, Growth Incentive Zone Regulations draft proposed amendment.
- Material presented: PowerPoint slide presentation of the Marine Mammal Act by Erin Burke, Massachusetts Division of Marine Fisheries.

COMMONWEALTH OF MASSACHUSETTS

CAPE COD COMMISSION

PUBLIC HEARINGS:

Sagamore Line Reinforcement Project,
Western Segment Phase 3

Yarmouth Growth Incentive Zone Term Extension

Chapter G, Growth Incentive Zone Regulations
Proposed Amendment

HELD ON THURSDAY, SEPTEMBER 14, 2017

TRANSCRIPT prepared by Linda L. Wesson, Certified Verbatim Reporter and Notary Public in and for the Commonwealth of Massachusetts, at the First District Courthouse, Assembly of Delegates Chambers, 3195 Main Street, Barnstable, Massachusetts, commencing at 3:00 p.m.

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APPEARANCES

Cape Cod Commission Staff:

Barnstable, Royden Richardson

Bourne, Richard Conron

Brewster, Elizabeth Taylor

Chatham, Michael Skelley

Dennis, Richard Roy

Eastham, Joyce Brookshire

Harwich, Jacqueline Etsten

Mashpee, Charles McCaffrey

Orleans, Leonard Short

Sandwich, Harold Mitchell, Chair

Truro, Kevin Grunwald

Wellfleet, Roger Putnam

Yarmouth, John McCormack, Jr.

Minority Rep., John Harris

Native American Rep., David Weeden

Governor's Appointee, Michael Maxim

Mr. Paul Niedzwiecki, Executive Director

Ms. Kristy Senatori, Deputy Director

Mr. Jonathon Idman, Chief Regulatory Officer

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1	CAPE COD COMMISSION MEETING
2	(Commenced at 3:00 p.m.)
3	CHAIR HAROLD MITCHELL: Today is
4	September 14, 2017, and we'll start with the roll
5	call.
6	MS. ELIZABETH TAYLOR: Barnstable,
7	Royden Richardson.
8	MR. ROYDEN RICHARDSON: Present.
9	MS. ELIZABETH TAYLOR: Bourne, Richard
10	Conron.
11	MR. RICHARD CONRON: Here.
12	MS. ELIZABETH TAYLOR: Brewster,
13	Elizabeth Taylor, present.
14	MS. ELIZABETH TAYLOR: Chatham, Michael
15	Skelley.
16	MR. MICHAEL SKELLEY: Here.
17	MS. ELIZABETH TAYLOR: Dennis, Richard
18	Roy.
19	MR. RICHARD ROY: Present.
20	MS. ELIZABETH TAYLOR: Eastham, Joy
21	Brookshire.
22	MS. JOY BROOKSHIRE: Here.
23	MS. ELIZABETH TAYLOR: Falmouth,
24	Charles McCaffrey.

1	MR. CHARLES MCCAFFREY: (Not present.)
2	MS. ELIZABETH TAYLOR: Harwich,
3	Jacqueline Etsten.
4	MS. JACQUELINE ETSTEN: Present.
5	MS. ELIZABETH TAYLOR: Mashpee, Ernest
6	Virgilio.
7	MS. ERNEST VIRGILIO: Here.
8	MS. ELIZABETH TAYLOR: Orleans, Len
9	Short.
10	MR. LEONARD SHORT: Here.
11	MS. ELIZABETH TAYLOR: Provincetown is
12	still vacant. Sandwich, Harold Mitchell.
13	CHAIR HAROLD MITCHELL: Here.
14	MS. ELIZABETH TAYLOR: Truro, Kevin
15	Grunwald.
16	MR. KEVIN GRUNWALD: Here.
17	MS. ELIZABETH TAYLOR: Wellfleet, Roger
18	Putnam.
19	MR. ROGER PUTNAM: Here.
20	MS. ELIZABETH TAYLOR: Yarmouth, John
21	McCormack, Jr.
22	VICE CHAIR JOHN MCCORMACK, JR.: Here.
23	MS. ELIZABETH TAYLOR: County
24	Commissioner, Mary Pat Flynn.

1	Commissioner FLYNN: (Not present.)
2	MS. ELIZABETH TAYLOR: Minority
3	Representative, John Harris.
4	MR. JOHN HARRIS: Here.
5	MS. ELIZABETH TAYLOR: Native American
6	Representative, David Weeden.
7	MR. DAVID WEEDEN: Here.
8	MS. ELIZABETH TAYLOR: Governor's
9	Appointee, Michael Maxim.
10	MR. MICHAEL MAXIM: Present.
11	MS. ELIZABETH TAYLOR: We have a
12	quorum.
13	CHAIR HAROLD MITCHELL: Thank you, very
14	much. At this time, I'd like to give anyone an
15	opportunity that would like to come up and come
16	to the podium and make a public comment. Seeing
17	none. I'll move forward.
18	We do have minutes that were on the
19	agenda for potential approval. Minutes for
20	August 3, 2017, that is going to be held until
21	the next meeting, so we will hold that at this
22	time.
23	Our Executive Director's report, we'll
24	hold that off to the end of the meeting at that

PUBLIC HEARING:

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Sagamore Line Reinforcement Project

Western Segment Phase 3

CHAIR HAROLD MITCHELL: We'll start off with the Public Hearing for the Sagamore Line Reinforcement Project. The Cape Cod Commission will conduct a Public Hearing and consider the Development of Regional Impact, DRI, Exemption application filed by the Colonial Gas Company, d/b/a National Grid, for Phase 3 of the Sagamore Line Reinforcement Project's Western Segment.

National Grid proposed installation of 2.2 miles of gas distribution pipe along, in, and under the Service Road beginning at Chase Road in East Sandwich and extending easterly into West Barnstable. The Commission will consider whether to adopt the draft written DRI Exemption decision and approve the request DRI Exemption for this project.

Anyone wishing to testify orally would be welcome to do so. Written comments may also be submitted at the -- for the hearing.

At this time, we'll start with the presentation by National Grid. I ask you to

introduce yourself. 1 2 MR. MICHAEL KOEHLER: Sure. 3 CHAIR HAROLD MITCHELL: And your 4 position. Thank you. MR. MICHAEL KOEHLER: Thank you, Mr. 5 Chair. Good afternoon, Chair Mitchell, 6 7 Commission members, Commission staff, and members of the public. For the record, my name is Mike 8 9 Koehler from the law firm of Keegan Werlin, and 10 I'm appearing on behalf of National Grid as the applicant in this proceeding. 11 12 Various project team members are here 13 with us, and we look forward to answering any 14 questions that may arise during the course of the 15 discussion today about the company's application. 16 At the outset, I also want to thank the Commission staff for their work in assimilating 17 18 the information from the record into the draft decision that is before you today. 19 20 The company has prepared a brief presentation regarding the project that will be 21 22 delivered by Mr. Ted Barton from Epsilon 23 Associates, who's the company's environmental

consultant for this project.

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But before I pass the baton to Mr.

Barton, I want to highlight a few key points that the company believes support the Commission voting today to adopt the draft decision as its final decision in this proceeding.

Foremost, as made clear by the findings in the draft decision, the company has submitted substantial record evidence supporting the fact that given the limited impacts, the company's project should be exempted from the Commission's full DRI review process consistent with the Commission standards and statutory mandates.

Second, we also want to be clear that the alignment for the project is presented in the company's application that's before you today is fully consistent with the plans that were approved by the Energy Facilities Siting Board and MEPA in 2006.

The plan before you today are also the result of numerous discussions with the towns of Sandwich and Barnstable during the course of developing the company's application as submitted to the Commission in July.

Third, I just want to briefly address

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some written comments that you have received from Sandwich and Barnstable. And I want to say, initially, that we'll be happy to discuss the details of the towns' letter in more depth to the extent Commission members have particular questions for the company.

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But I want to highlight a few key points. In particular, the company has and will continue to work constructively with the towns, both Sandwich and Barnstable, to address issues of concern related to the company's proposed gas pipeline project.

The towns' written comments reference concerns that are largely aimed at having the company facilitate the towns' plans for a bike path along Service Road. As the company has explained to the towns on numerous occasions, the company cannot agree to the towns' desires in this regard because it's unrelated to the project that the company's proposing and that is the subject of the draft decision and would necessitate the company filing an entirely new application with the Cape Cod Commission, as well as a project change filing with the Siting Board

1 and MEPA.

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With respect to the Siting Board in particular, a project change proceeding is a very time and resource-intensive process, and the company does not believe it can satisfy the Siting Board's standards on need and cost minimization for approval of a project change of the magnitude contemplated by the towns.

Regardless, the company submits that the Commission need not concern itself with the ongoing discussions between the company and the towns that will, in any event, need to be resolved during the local street-opening permit process with each town. Simply put, the towns concerns related to the bike path are unrelated to the project before you today and should, therefore, not delay the Commission's approval of the draft decision.

With that, I'll turn the baton over to Mr. Barton. Thank you, very much, for your consideration today.

MR. TED BARTON: Thank you, Mike. Good afternoon, everyone. As Mike said, my name is Ted Barton; I'm a co-managing principal with

Epsilon Associates, a 50-person environmental consulting firm based up in Maynard, Mass. I've been personally working on this project since 2005, and I've been here at a couple of earlier meetings. I see a few familiar faces on the bench.

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I'm an environmental engineer by training. I'm a Registered Professional Engineer in Massachusetts and several other states, and this sort of work is at the core of my practice at Epsilon.

So, I'm going to take about 10 or 15 minutes and walk you through some of the basics of the project. We're going to talk a little bit about the project need in the context of the existing system here on the Cape, talk a little bit about project design, the efforts that we've made at outreach in coordination with both public officials and the public as well.

We're going to talk about the schedule that's in front of us for the remainder of the local permitting and then the construction of the schedule. And then as Mike said, we'd be happy to take questions and discussions.

So this map which those of you who were here for some of the earlier reviews on this project have seen before, but the Sagamore Line Reinforcement Project was envisioned as a 10-year multiphase effort essentially to reinforce the backbone gas supply onto the Cape.

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So there's an existing 42-mile-long line, the Sagamore Line, that comes over the Canal, runs pretty much the length of the Cape. And this project is intended to reinforce or supplement certain key stretches of that in order that additional gas can be moved onto the Cape.

So, the project was envisioned to be done in several phases. The middle segment, which is here in Yarmouth, Dennis, and a little bit of Harwich was built first. That was built maybe almost 10 years ago at this point. The first two phases of the Western segment, which are entirely within the town of Sandwich, were permitted about three or four years ago and construction was recently finished on those two.

The Eastern segment over here is being built as part of the mid-Cape main replacement project, which you also had before you about a

year ago.

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So the remaining piece, which is what we're going to talk about today is right here,
Phase 3 of the Western segment, and it's about
2.2 miles of 20-inch pipe. And with that, this
entire project will be completed.

So, this is a little more detailed map of the stretch we're talking about. It starts just on the east side of Chase Road where, basically, where Phase 1 and 2 left off. It runs for about 4/10 of a mile along Service Road in Sandwich, and then about 1.8 miles along Service Road in the Town of Barnstable, and it will end right in the vicinity of where Service Road crosses the Eversource high-tension lines toward the end of Service Road.

So, the reason we're doing all this, as I mentioned earlier, in addition to reinforcing the supply on the Cape, for quite a few years the Cape system has experienced low pressures especially at the extremity of the system, primarily during the winter during cold weather, high-demand periods. To supplement the pipeline supply, the company has maintained for many

decades an LNG facility in South Yarmouth, and that facility is used to inject additional gas into the system when the demand is high and the pipeline cannot meet the supply requirements.

So the solution is more pipe basically to increase the flow and the pressure along the system. That, in turn, will enable the company to maintain reliable service, especially in the Mid and Lower-Cape, and it will also allow gas to be provided for future construction that may take place on the Cape.

So some of the benefits of the project to the Cape, as I mentioned, it will facilitate or at least eliminate the possibility that gas could not be provided to new customers. It reinforces the gas supply to roughly a hundred thousand existing customers on the Cape. It will pay property taxes to the towns of Sandwich and Barnstable. It is, as we demonstrated in our application, we believe entirely consistent with the Regional Policy Plan and the Local Comprehensive Plan. There are some additional short-term benefits, some construction jobs, paid police details and the like.

And last, but certainly not least, it will reduce the company's need to rely on LNG during the winter months and that will translate to fewer LNG truck trips to fill the South Yarmouth tank.

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So what are we proposing to build here? Basically, 2.2 miles of new 20-inch welded steel pipe. As I mentioned before, about 4/10 of a mile in Sandwich, the balance of it is in the town of Barnstable. The pipe will be placed beneath the pavement in the westbound or northside lane of Service Road. There's no tree clearing required for this part of the project as there was for Phase 1 and 2, but there will be a need to do some tree trimming especially in Barnstable. Because there are no overhead utility lines in Barnstable, the existing trees have grown pretty substantially over the road, and for about 15 percent of the length of the project we'll have to do some tree trimming in order that those low-hanging limbs don't interfere with the construction equipment as it moves along the northbound side, and the trees will be need to be trimmed up to a height of

about 20 feet.

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So we also did a fair amount of research into what existing utilities exist along this stretch of Service Road. And somewhat uniquely for a developed area like this, there are no below-ground utilities and, in fact, no overhead utilities along the entire Barnstable stretch. That stretch of the road is bounded by Route 6 on one side and conservation land on the other side. So there's basically no one there to serve with utilities.

And in terms of the Sandwich stretch of Service Road, there is an overhead electric line but no underground utilities there other than the existing gas pipeline.

This is just two quick views of what the stretch of Service Road looks like now.

Okay. Construction procedure; we would like to be able to do this work with two crews working simultaneously. One would probably start at the Chase Road end and one would start roughly in the middle of the 2.2 mile segment. They would work in parallel. If we can do that, we think this is a two-month/three-month at the outside

construction project, so it will move pretty quickly. If we can get through the local permitting in a timely way, we would be prepared to start next spring as early as possible, possibly in March, probably no later than April. So we would be in and out well before the summer season.

Given the relative narrowness of the road, we would like to be able to close the road at the worksites as we go along, obviously, with police details and with provisions to allow people to get in and out of their homes in the short stretch in Sandwich where there are people along — that live along there. And there would be some postings that we'd want to put at either end suggesting that people use Route 6 as a detour for that one exit stretch.

All of this would be discussed with the towns. We have to prepare a more detailed

Traffic Management Plan as part of the street opening process. So that would be subject to town agreement. But we'd like to be able to accomplish this in a way that we can move along quickly and not inconvenience the public for any

longer than necessary. So the road would be reopened each evening. The work areas would be temporarily patched and so on.

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And then in terms of restoration, our concept at this point is that funds would be set aside for the towns to do curb-to-curb repaving using a contractor of their choice and timing of their choice. But the other restoration that would be required here would be, basically, just some planting and seeding along the road edge as that's disturbed.

These are a little out of order, but this is just a shot of giving you an idea of what a typical tree trimming might look like. So this is a west facing photo. So the north, the northbound lane is on your right, and that green hashed area is an idea of the tree trimming that would be required. And as I mentioned, this would need to occur for about 15 percent of the length of the route.

So a few of the environmental considerations that were looked at for the project in which are detailed in the application that we submitted; by working under pavement, we

avoid any need for actual clearing of trees.

There's no significant off-road grading or land disturbance. There's no direct wetland impact, no floodplain impact.

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We've been to meet with the folks at
National Heritage and Endangered Species, and we
have their sign off on the rare species aspect of
this. And by working in and right along the
road, we're technically exempt from that review
but we did it anyway, and we've agreed to some
protective measures for turtles as we did for
Phase 1 and 2.

There are no DEP public water supply areas along this stretch. No expected impacts to archaeological or historical resources. No visual impacts other than one or two locations where we'll have some minor above-grade equipment for remote-operated valves and vents. And as I mentioned earlier, there are very few abutting residences on this stretch of the project, about 17 homes in Sandwich, none in Barnstable.

And this is an example of what the control box and vent pipe looks like. This photo, I believe, was taken down near Route 130

at the beginning of Phase 1 of the project.

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As we've gone through this process and we've been working on this phase of the project for about the last year, year and a half,
National Grid folks have done door-to-door outreach with the abutting landowners. We had a prefiling meeting with the Cape Cod Commission staff back in March. We've done a fair amount of state coordination, which I've touched on already and municipal coordination. There's been an extensive series of meetings between the company and the DPW town engineer folks in both the towns of Sandwich and Barnstable.

So our schedule for this, we do have to file a short project change filing, basically to get EFSB and MEPA sign off for hydrostatic testing in lieu of pneumatic testing. And for those of you who were here for the first two phases, you may remember that was part of the project change process that we went through for that. But given that we've done this already, we anticipate this to be pretty straightforward.

The primary work that remains is the local permitting for street-opening permit and

tree trimming. That would need to be done in 1 2 both towns, and there also would be a 3 Conservation Commission filing in Barnstable for buffer zone work. 4 Assuming we can get through that 5 reasonably quickly, as I mentioned earlier, we'd 6 7 like to be able to start construction in April or May. And if we can get this done in the two or 8 9 three months that I discussed, we'll be out of 10 there before the summer season gets underway. 11 Thank you for your attention. 12 CHAIR HAROLD MITCHELL: So, at this 13 time, we'll have a presentation. You're 14 completed? 15 MR. TED BARTON: I'm done. 16 CHAIR HAROLD MITCHELL: Thank you. At 17 this time, we'll have a presentation by the 18 Commission staff. 19 MR. JON IDMAN: Good afternoon. Thank 20 Jon Idman, I'm your Chief Regulatory The staff's prepared a draft written 21 Officer. 22 DRI Exemption decision for your consideration, 23 and staff recommends granting the DRI Exemption.

Now that decision contains all the findings and

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conditions necessary and appropriate to support the grant.

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As was stated, this project will connect the Sagamore Line Reinforcement Project segments that have previously been permitted.

All those other segments have either been constructed or are under construction currently.

This work is really typical of other in-pavement utility work that is done every day on Cape Cod. From a regulatory perspective here, this project requires Development of Regional Impact or triggers Development of Regional Impact review because, ultimately, the master plan that was proposed back in 2006 required the preparation of an Environmental Impact Report under MEPA, and then subsequently triggered Cape Cod Commission's DRI jurisdiction.

A DRI review is really generally about addressing permanent regional impacts from a project. In specific, a DRI Exemption application allows an applicant to maintain that a project won't have permanent regionally significant impacts to protected resources.

Now the applicants have provided an

expansive application here much like a full

Development of Regional Impact application. And

from staff's perspective, staff's analysis and

recommendations wouldn't be significantly

different or any different than if this were a

DRI review. Really, the outcome from staff's

perspective would be the same.

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There's no clearing or major grading associated with this project. The work is either under payment or within existing disturbed area within public road layout. They've avoided impacts primarily by locating the project in these areas. Where there are impacts, they are anticipated to be temporary ones related to construction period impacts, things like traffic or erosion.

However, the applicants have proposed mitigation for these temporary construction-related impacts. They have a robust environmental construction plan that includes stormwater management for construction and spill protection as well as protocols for work in sensitive areas like wetlands buffers.

They provided a Travel Management Plan

that contains traffic controls during construction that's been developed and will continue to be developed in consultation with the towns.

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Additionally, there's a commitment to establishing a roadwork escrow, which will allow repaving for this entire length. That will be offered for the benefit of the towns of Sandwich and Barnstable for them to apply and use flexibly as their budgets and projects permit that repaving.

The applicant has communicated with the towns, with the Massachusetts Historic

Commission, and the Massachusetts National

Heritage and Endangered Species Program. They've undertaken a botany study at the request of

Heritage for some plants that — there were questions whether they existed at the eastern end of this line. That botany study didn't result in any listed plant species. Heritage did request and the applicants are proposing turtle training be required by project contractors, and the applicant has agreed to work that into its

Environmental Construction Plans.

There are some conditions in this draft DRI Exemption decision. As I mentioned, this Environmental Construction Plan and Travel Management Plan, the Commission staff would like final copies of those. They were submitted in draft form. That Turtle Protection Plan would have to be formally integrated into the Environmental Construction Plan.

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As you heard referenced, there was a letter received jointly from the towns of Barnstable and Sandwich. There was a response letter received from the town, I'm sorry, from that applicant. Those letters are in your materials, and I believe there are some town officials here who may want to speak to these issues as well.

Notwithstanding the issue -- the letter from the town, Commission staff believes that this project is eligible for an exemption request and recommends that the Commission grant this exemption request. The towns have wrote opening permits and the issues -- the towns raised can be handled under that local permitting. The concerns in the letter of staff's opinion are not

related to regional impacts over which the Commission has jurisdiction for impacts that can be imputed to the project as it's proposed.

So, I'll be brief. That's what I have, and I'd be happy to answer any questions as the hearing develops.

Thank you.

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CHAIR HAROLD MITCHELL: Thank you. At this time, I'll take any questions or comments from the Commissioners.

Yes, Elizabeth.

MS. ELIZABETH TAYLOR: I really appreciate the work you have gone through to maintain the integrity of this project environmentally. I remember last time that you opened up 6A in Brewster, and I would caution you to make sure you close up the road so it's in the same or better condition because you didn't do that in Brewster. And we had a lot of issues when you opened up Route 6A.

So, just as a caveat, make sure you do your road repairs and patches -- I guess you're calling them permanent patches, just make sure they are up to par or better. It would be

greatly appreciated, I'm sure, by the towns.

Thank you.

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CHAIR HAROLD MITCHELL: Thank you. Anyone else? Yes, John.

MR. JOHN HARRIS: I heard a comment from the applicant that there would be less LNG trucks, and my question is is it ultimate plan to eliminate them in total, or do we still have to realize trucks going in to supplement the need for LNG?

MR. TED BARTON: Let me take a stab at that. It's been a little while since we looked at these numbers. But the gist of that question was something that the Siting Board asked at several different steps along the way for this project. And the intention is to greatly reduce and perhaps, in a warm winter, eliminate the need for LNG. But the LNG storage facility is planned to remain in place because it is important backup. So should there be particularly cold weather for a long period of time or an issue with the pipeline supply or the pipeline system, that's an important backup system. So that tank in South Yarmouth would remain in place for the

foreseeable future, albeit with fewer trucks because of the capacity of the pipeline is improved.

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MR. JOHN HARRIS: So that means that this is a temporary process, perhaps in the next 10 years we'd be back to the same thing again?

MR. TED BARTON: To my knowledge, the fix that is about to be finished is going to hold things for quite some time. I can't speculate on what might happen 20 years from now, but I've not heard any discussion of plans for projects beyond this.

And as you know, the Mid-Cape replacement project is replacing much of the Cape system with brand-new pipe. So that is underway as well. And beyond that, I don't know if anybody from the company that's here today could add to that, but that's my knowledge of the situation.

MR. JOHN HARRIS: No, I wasn't asking you to speculate on the future. Just looking at the current situation and the towns that are being affected by it now, you know, the town engineer from Sandwich is here, and someone's

going to say, well, oh, this is going to show up again and that's really the question.

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So you just simply say it's a possibility and we leave it at that because you certainly indicated that there will be less trucks but there's no plan to eliminate this process.

And I just wondered, you know, from an engineering perspective a supply, you know, why wasn't it planned so that you could actually go and install perhaps a 30-inch pipe and not be worried about this in the next years.

MR. COLIN MURPHY: I'm Colin Murphy.

I'm the Project Engineer for this project. I

just wanted to add the prospective of scope

between the existing main, which is a 12-inch

main, and the proposal of this project would be a

20-inch main to reinforce that existing 12. So

to go from being limited by one 12-inch main to

having the 12-inch main and a 20-inch main really

provides a much greater amount of capacities than

what's existing.

So the likelihood of needing full-time LNG truck deliveries after this project is

completed is unlikely. It would be saved for 1 supplemental gas deliveries sort of as a backup 2 3 option. MR. JOHN HARRIS: Okay. Thank you. 4 CHAIR HAROLD MITCHELL: 5 Thank you. 6 Anyone else have a question at this time, the 7 first round? 8 Joy. 9 MS. JOY BROOKSHIRE: On the last 10 project that we reviewed, the abutters to the 11 work that was going to be done were upset that 12 you did not really notify them even though you 13 were told that they were notified because they 14 weren't there in their homes. They were away for 15 the winter or whatever. And people that were 16 further back off the road were never notified. 17 How have you notified the abutters this 18 time, and did you reach all of them? 19 MR. MICHAEL KOEHLER: I can answer that 20 question. Dennis, the community relations 21 person, is here too for the company if I glitch 2.2 the answer. 23 But my understanding is that, yes,

everybody was talked to or at least contacted

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with a door hanger. And to date, nobody has expressed any concerns to the company about the project. And I think I'm probably not overstating things by saying that the feedback that the company did get, most of it was appreciative -- not appreciative but there were no concerns raised about proposing a line that's in the street. MS. JOY BROOKSHIRE: Also, some of the abutters were concerned because they live close to the work about possible safeguards if you had a gas leak. Could you describe your safety measures? MR. MICHAEL KOEHLER: For this project? MS. BROOKSHIRE: Uh-huh. MR. MICHAEL KOEHLER: It will be the same as the last project. It will be, and I need

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MR. MICHAEL KOEHLER: It will be the same as the last project. It will be, and I need some help from engineers here, about the safety of the gas pipeline, but, you know, company — safety is paramount. And so whether it's construction integrity or monitoring, ongoing monitoring. Bring the engineers back, not the lawyer.

MR. TED BARTON: But that's a good

1	introduction, Mike. So, Mike's right. The
2	safety precautions
3	CHAIR HAROLD MITCHELL: Excuse me; can
4	you make sure your microphone is on, please. We
5	record this, and I just want to make sure
6	everybody understands and gets an opportunity to
7	hear.
8	MR. TED BARTON: I think it's on. Can
9	everybody hear me okay?
10	MS. BROOKSHIRE: Is there a green
11	light?
12	MR. TED BARTON: Yeah, the green
13	light's on so.
14	MR. MICHAEL KOEHLER: No.
15	MR. TED BARTON: Now the green light's
16	on brighter. (Laughter.) So as Mike started to
17	say, the safety program, if you will, for this
18	2.2 miles of pipe is essentially the same as you
19	heard about for the first 4.4 miles of the
20	Western segment and for the middle segment which
21	preceded it. And it really starts with the
22	proper design and construction of the new pipe.
23	So a lot of thought goes into the design, making
24	sure that the pipe is at a proper burial depth.

The construction is quite a painstaking process, so this is high-strength steel pipe. It's very carefully welded. Each weld is nondestructively tested or x-rayed, if you will, before the pipe goes into the ground. coating, if it's disturbed during the welding process, is replaced. There's cathodic protection on the pipe which makes sure there are no corrosion as the pipe ages in the ground. This pipe is large enough and straight enough that it can be pigged or internally inspected. So at periodic intervals, something called a "smart pig" can be run through the pipe to look for any thinning of the pipe wall or any dirt that's in it that should be in it, etcetera.

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So it really is a carefully designed, carefully constructed pipe and that's the predominant way you ensure a safe pipe. And then beyond that, the location is marked. There will be as-built plans given to the town, provisions to make sure that there's no digging, which is the primary cause of pipeline issues once they're in the ground; a contractor unwittingly came in the area hitting the pipe and causing damage to

1 it.

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So those are, off the top of my head, from what I remember from the last time around. Those are the key points but, Colin, do you want to add to that?

MR. COLIN MURPHY: Sure.

MR. TED BARTON: Very talkative engineers here.

MR. COLIN MURPHY: So this main was designed using DOT 192 and ASME 31.8 federal standards. Although this is a technically, as the federal government recognizes it, a distribution main, it was designed under the transmission of federal codes in addition to Massachusetts CMR 220.

And another point that was brought up earlier about the weld inspections and the smart pigging during construction, those are typically federal requirements. In order to exceed the safety standards outlined by the state, we defer to the Federal Transmission DOT Standards 192 and 31.8. So we inspect 100 percent of all girth welds. We inspect the coating through a process known as jeeping for all two-part epoxy coating

repairs or welds. 1 2 Yeah, essentially, we adhere to all the 3 federal standards for both construction and design. And the permit design drawings were 4 stamped in accordance with those codes. 5 6 CHAIR HAROLD MITCHELL: Okay. Yes, 7 Ernie. MR. VIRGILIO: I'd just like to note 8 9 having the opportunity to observe the work of 10 this company over many years, especially as DPW 11 Director in town in the past. I'd like to 12 compliment you on your process; how safe your 13 people are, your processes, your incredible work 14 that you do, and I'd just like to say that it's a 15 good company that does very good work on Cape Cod 16 for us. 17 CHAIR HAROLD MITCHELL: Thank you. 18 Seeing no other questions for the first round? 19 Yes. 20 MR. RICHARD ROY: Will this project 21 have to be completed before the moratorium is off 22 in Yarmouth and Dennis and Brewster and Harwich? 23 MR. DENNIS MCKENNA: Hi. I'm Dennis 2.4 McKenna, Customer and Community Manager.

working on that project you're referring to, the Mid-Cape replacement. This project will not have to be completed before the moratorium is lifted. Right now, we're currently under construction with the Mid-Cape, and we are still planning on lifting the moratorium in April 2019. This was a planned -- as we've heard, it's been a long-planned reinforcement project for the Cape.

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MR. RICHARD ROY: Is that project on schedule?

MR. DENNIS MCKENNA: The project is, currently, it's on schedule. We're working with the town of Harwich. The Cape is a challenge for us with the seasonality and the summer moratoriums versus other towns where they shut us down in the winter; it tends to be reversed, but we fully intend to complete that project on time.

MR. RICHARD ROY: Thank you.

CHAIR HAROLD MITCHELL: So, at this time, I'm going to close the first round of questions and open up the podium for any public comments beginning with officials. Any officials from the state/federal government? Seeing none. Any officials from the towns? Please come to the

microphone and introduce yourself and let us know your position.

Thank you.

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MR. PAUL TILTON: Thank you. My name is Paul Tilton. I'm the Sandwich DPW Director and Town Engineer. I thank you for the opportunity to speak to you today. I also thank National Grid for a very thorough presentation.

I'd just like to point out I've been working on these projects, Phase 1 and 2 and now Phase 3 for over 10 years. And we've had a very good working relationship with National Grid. Very professional and responsive to the towns, and I do appreciate and thank them for that.

Just a little background about Phase 1 and 2, first of all, and the reasoning behind the letter that we submitted and some of our concerns regarding the Phase 3 project. As you know, the Phase 1 and Phase 2 was a Development of Regional Impact. Initially, National Grid wanted to locate that gas main under the Service Road pavement. The town had some concerns about that. They submitted those concerns in a letter to the Cape Cod Commission.

Based upon this, National Grid opted to locate the gas main outside of the road. So within a hundred foot layout along the Service Road, the town layout, which is really where utilities should go.

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As a result, this project was a very successful project for National Grid and the town. They developed and had an excellent Visual Mitigation Plan which was conditioned by the Cape Cod Commission. They also provided a final construction grade which, ultimately, will be a foundation for a shared-use path or bike path, which is currently on the Transportation Improvement Plan for 2022.

This shared-use path is a priority of the state, regional, and local agencies to continue an extension of the Rail Trail across the entire length of Cape Cod. Due to the excess of Phase 1 and Phase 2, the towns of Sandwich and Barnstable prefer that the same approach be taken for Phase 3, which is locate the gas main outside of the road. This is a logical continuation of utility corridor and results in the least impacts to the towns and meets the goals of both towns.

National Grid's preferred option, as you heard today, Phase 3, is to locate the gas main under the Service Road pavement. Now the town has many concerns in this regard. The major concern is not necessarily the shared-use path and being able to facilitate that. The major concerns, and I won't go into detail here, but they deal with the difficulty of installing future town utilities and infrastructure.

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Also, concern about the safety for town workers and water district workers working around a gas main under the Service Road; reduced life of the Service Road with that gas main under that pavement, traffic disruption, most probably significant cost borne by both the towns of Sandwich and Barnstable.

So, we're not opposed to their proposal. We prefer the out-of-the-road-option. But, right now, they propose some mitigation to offset the location of that gas pipeline under the Service Road pavement. We're not there yet. We're sort of at an impasse. Unfortunately, their plan right now is not consistent with the goals of the towns.

Further, it increases cost to the towns 1 2 expected to be in excess of \$15 million over the 3 course of years when the town must install infrastructure and facilities along that road. So, in order to make National Grid's 5 6 proposal viable and for the towns to consider 7 their option, National Grid must develop a plan that effectively mitigates all town impacts and 8 9 meets the future goal of both towns. 10 In this regard and understanding that the Cape Cod Commission has recommended a DRI 11 12 Exemption, we seek the Cape Cod Commission's 13 assistance, their technical expertise to help 14 advance a mutual acceptable project that meets 15 the goals of both National Grid in the towns of 16 Sandwich and Barnstable. 17 I thank you for the opportunity to 18 speak and certainly available to any questions. 19 CHAIR HAROLD MITCHELL: Thank you. 20 Anyone else? 21 MS. ELIZABETH JENKINS: Good afternoon. 2.2 My name is Elizabeth Jenkins. I'm the Planning 23 and Development Director for the town of

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Barnstable. I'd like to thank Mr. Tilton for his

leadership on this issue, and, well, I defer to 1 2 his experience and expertise in this only to say 3 that we concur with his position, and that the town of Barnstable is committed to finding a 4 solution that supports the needs, of course, of 5 6 National Grid as well as to bringing the 7 Governor's vision of having a Cape Cod Rail Trail 8 all the way across the Cape to fruition. 9 So, also available if you have any 10 questions. CHAIR HAROLD MITCHELL: 11 Thank you. 12 other public officials? Any public, period, that 13 would like to step up to the microphone and 14 comment? Seeing none. 15 We'll go back to a second-round of 16 question from the Commissioners if there are any? Yes, Jackie. 17 18 MS. JACQUELINE ETSTEN: Just a comment 19 that I hope that you have a certified arborist 20 supervising the tree trimming so that it's not a 21 shearing but it's a proper pruning that will 2.2 benefit the trees in the future years. 23 Thank you. 24 CHAIR HAROLD MITCHELL: Anyone else?

1	Yes, Jack.
2	VICE CHAIR JOHN MCCORMACK, JR.: Thank
3	you, Mr. Chairman. I just want to say that I'm
4	always in favor of anything that will reduce the
5	over-the-road deliveries, tanker trucks and Mr.
6	Harris's remarks to hoping that they can be
7	eliminated completely someday.
8	Thank you.
9	CHAIR HAROLD MITCHELL: Joy.
10	MS. JOY BROOKSHIRE: Did we grant a DRI
11	Exemption for the last one down the Mid-Cape?
12	CHAIR HAROLD MITCHELL: I'll ask Jon
13	Idman to answer.
14	MR. JON IDMAN: There was a DRI
15	Exemption granted for the Mid-Cape Main
16	Replacement Project but not for Sagamore Line
17	Reinforcement Project, Western Segment, Phases I
18	and II.
19	MS. JOY BROOKSHIRE: And without an
20	exemption being granted or if an exemption is
21	granted, how do we reach an agreeable decision of
22	both the towns and the gas company to have the
23	pipes underground, not under a road?
24	MR. JON IDMAN: Well, I'm not sure you

could reach an agreeable solution necessarily through Development of Regional Impact review either. I mean the Commission responds to projects that are before you. The project before you, staff's position, has very few, if any, permanent, regionally significant impacts. A bike path would be a great thing, but it's not any mitigation that's related to any impact that's being created by this project.

So I think this discussion has to occur between National Grid and the towns and to the extent the Commission during those discussions can lend its technical expertise. I think the Commission staff would be willing to do so.

MS. JOY BROOKSHIRE: That would be very nice.

CHAIR HAROLD MITCHELL: John, if I could ask you a question, please? If we deny — if we approve this exemption but the towns of Barnstable and Sandwich come forward and are able to work with, what happens if they want to change that positioning and put that underneath instead of putting it down the road, put it to the side as was required in Phases 1 and 2; how does that

affect us?

MR. JON IDMAN: Essentially, a project for which an exemption was granted is modified, I guess it would depend on the extent of the modification. I mean also recognize here that we're not talking about taking a line and moving it three feet. I mean I think the reason there's some objection here by the company is given the resources, the wetlands, the priority habitat mapping, the residences along this area, and the topography, you're talking about moving it substantially outside the paved way because there's a large layout there, a hundred feet.

But I guess your question is it would really depend on how much it's modified. I mean there may be modifications that still fit within the four-corners of this decision. Something else may require a new application to the Commission.

CHAIR HAROLD MITCHELL: Thank you. Any other questions?

Yes, John.

MR. JOHN HARRIS: I'm not really sure about this, but Mr. Tilton mentioned that the

town of Sandwich is projecting that they'd have to spend an additional \$15 million to address infrastructure issues. How are they going to go about resolving this matter because this seems to be outside of this hearing, but he's raised it as a significant concern?

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So, I'm just listening because it means my taxes are going to go up too. But is this something that we should expect to come back to the Commission for some other review or some discussion?

Jon, you're the expert here.

MR. JON IDMAN: I'm not an expert but
I'll try. No, I don't expect -- if you grant the
exemption, I don't expect it to come back to the
Commission. I expect for this discussion to take
place during local permitting for the roadopening permits.

There's some other laws which the Commission should be aware of here. By statute, a public service corporation has, basically, an easement within a public way. So if that road opening permit were denied, the company would have the ability to go to the DPU, Department of

Public Utilities, and seek the ability to put this within the layout.

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Another thing an agency under DPU is concerned with, the EFSB, is balancing the provision of utilities with the cost of utilities because those costs are passed along to ratepayers.

I think you heard that referenced in the presentation that, you know, a bike path is a great thing and it's a laudable endeavor, but there's only so much the company can do to take an unrelated project, incorporate it into its project, and have the EFSB sign off on that; where the EFSB is looking at the need and reliability of a project and the needs it's going to satisfy relative to the cost. The EFSB has looked at this project and determined that the company best meets its needs at lowest cost by proposing the line where it's proposed before you today.

And, you know, I'll mention something about \$15 million. I don't know where that number comes from. It was a statement made but I don't know if \$15 million means you can help us

with a \$15 million bike path project or if that \$15 means that their costs are going to increase because you would have to do something to the road itself. So there's been really no substantiation about what this \$15 million in increased costs actually means and what it's related to.

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So if that's a discussion you want to have here, I would have that discussion, John, with Mr. Tilton because I'm not quite sure what the origin of that number is, what it relates to.

MR. JOHN HARRIS: Mr. Tilton already pointed out what it was, and he didn't give the details. But if that's what is necessary, I was simply asking a question that if, in fact, the town, in his expertise there, foresees that there will be a \$15 million infrastructure expense. He didn't say anything about a bike path or anything else like that; it was infrastructure, then that was the reason why I asked the question.

So, Mr. Tilton, if you've got anymore facts to add to it or we can move on.

MR. PAUL Tilton: Yes. The details behind that number, we have consulted VHB, our

consultant. We've also consulted the water district, and we've come up with just a bunch of estimates based upon their proposal. And part of their proposal for mitigation includes five-foot shoulders for a bicycle lane on the Service Road. That's part of their mitigation.

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Unfortunately, it only includes the paving of those five-foot shoulders. It doesn't include any slope treatments. It doesn't include the actual specifications we require for road repaving, guardrails, retaining wall treatments; all those things would have to be part of their mitigation with those five-foot shoulders. They are not proposing to pay for that. So that's very costly. That, in itself, costs 2 million for the town of Sandwich to accomplish that, and 5.5 million for the town of Barnstable to accomplish that.

Also, for the bike lanes, to be consistent, you need to have a uniform bike facility on a road. So if you provide a bicycle facility for Phase 3, it's my obligation to make sure I have uniform bicycle lanes the entire length of the Service Road. So for Phase 1 and

Phase 2, that cost to the town of Sandwich would be \$7.1 million.

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Additional construction treatments, design treatments for drainage infrastructure requires us to work around that gas main, \$120,000.

The water district, because they have to provide service, if they have to go over or under that gas main, much more expensive. They have to deal with a lot of safety issues, shoring that cost is \$4,000 per crossing for the town of Sandwich water district.

Premature road failures; it's not if it's going to happen, it will happen when you have a gas main under the road. And they still haven't met our specifications for road paving, which would further deteriorate that road. That is \$960,000.

So, again, these are all costs and there's more that go along with that. But these are costs that would be borne by the towns of Sandwich and Barnstable. That's our major concern.

MR. MICHAEL KOEHLER: Mr. Chairman, if

I may be heard? 1 2 CHAIR HAROLD MITCHELL: John, are you 3 done? MR. JOHN HARRIS: Yeah. I would defer 4 to my colleague, Mr. Virgilio. He indicated that 5 6 this applicant engineering kindness is quite 7 nice, so I suppose that we can expect that they're going to be very friendly and kindly to 8 9 the situations that goes down the road because I 10 don't see that there's going to be any commitment of any sort. It's a nice bit of look-ahead 11 12 engineering, but if there's no commitment to a 13 present, you know, that's where we stand. 14 CHAIR HAROLD MITCHELL: Mike, I'm going 15 to let you speak back, and then I'm going to come 16 back to questions from the Commissioners. 17 MR. MICHAEL KOEHLER: Sure. Thank you, 18 So, I'll do the lawyer thing, and Mr. Mr. Chair. 19 Barton can do the engineering thing. But, you

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know, like we started off by saying today, the

company is, has been, and will continue to be

committed to working constructively with Paul and

his staff and the folks in Barnstable to address

and mitigate the impacts related to this project

that are related to this project.

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But I would ask you, all, in the list that Mr. Tilton just provided you, notice how many times the word "bike path" came up. And we submit to you that where the sticking points is with us and the towns deals on that point, we recognize the objective of the bike path. And however laudable the bike path idea is for the Cape and for the region, we continue to submit that it's two separate projects. There's the bike path and there's our pipeline project.

And our pipeline project has -- there's no nexus between our pipeline project and the desire for the bike path. So with respect to some of the engineering aspects of it, I'll let Mr. Barton tell you.

MR. TED BARTON: Yeah, so I'm going to offer a few comments on this, but let me start by noting that the \$15 million cost estimate that the town of Sandwich and town of Barnstable has put on the table, we saw, for the first time, in a letter that we received late in the day on September 11. So we've not had much time to study that in any detail.

We did ask for some backup for it, and we got a half-page list of kind of bullet points which Mr. Tilton, I think, covered in his remarks a few minutes ago.

But, building on that, one of the key points that Paul covered, and I think it's worth going back to, is the discussion about five foot additional paving to serve as a bike lane along Phase 3 of the project. So there's some history to that.

This discussion of in-road versus offroad for Phase 3 has been going on in one form or
another for at least a year now. And at one
point, the company met with the town managers in
an attempt to get another perspective on this.
And one of the ideas that came out of that
meeting was the idea that in lieu of a fullfledged separate shared use path or bike path
well off-road that perhaps this piece of Service
Road could be widened by 5 or 10 feet and a bike
path striped off. It's not, in bike path worlds,
it's not as good as a fully separate path, but it
would be a whole lot better than the road that's
out there now. So it seemed like kind of a

reasonable suggestion, and it was something that the company attempted to develop by talking about how that might be paid for via a paving escrow.

So as the discussion evolved, we heard a fair number of objections from the town at the DPW level that caused us to realize that that -- what seemed like a reasonable compromise was really not going to work.

And one of the things that Paul alluded to in his comments or stated in his comments is if we did this widening of Phase 3 and striped off a bike path that he has an obligation to then provide a consistent bike path all the way back to 130. So half of the \$15 million cost estimate is based on the assumption that you would widen that stretch of Service Road from 130 to Chase and have striped bike lanes down either side which would then match the striped bike lanes that have been talked about for Phase 3.

So, that, you could do that. It seems kind of silly given that a big part of the reason that the Phase 1 and Phase 2 pipe was done off-road, while there were some legitimate utility interference concerns, it also, very clearly, was

to pave-the-way, no pun intended, for a bike path.

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So now there is a cleared graded area that full length, 4.4 miles of Service Road, that will make a dandy grade for a shared-use path, a separate path off the road. That's clearly what the town would like to do.

In one of the letters we received, Paul mentions that the state, in fact, has put some funding into the 2022 Transportation Improvement Plan to fund just that kind of construction.

So, I think at least half of the \$15 million estimate, if you want to call it that, is based on an entire, from our perspective, based on a really mistaken premise or at least a premise that to us does not make a whole lot of sense.

So another option here is for the town to pursue construction of an off-road bike path along Phase 3. The towns would be responsible for designing that, as we understand that the state would pay for the construction of it, and then you would have, in fact, a consistent off-road bike path the entire length of Service Road.

But as has been discussed, National Grid is not in the bike path building business. There's no reason to build a bike path as part of a gas pipeline project, and that's really at the root of the discussion that is being held. Now all that said, we still have the whole road opening permit process in front of us, and just as we have worked cooperatively with the towns on the road opening for Phase 1 and 2, it's certainly our intention to do the same thing on Phase 3. Will we be able to find a solution that everybody is okay with? We really won't know until we have that discussion. But we fully intend to have those discussions over the next several months and, hopefully, we can find a solution and people can move forward. So, I realize I was kind of light on engineering content and long on speechifying, but

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I thought it was an important point to make, so thank you for listening.

CHAIR HAROLD MITCHELL: Thank you. Royden.

MR. ROYDEN RICHARDSON: I think it's important when the towns speak and the people in the towns have concerns that we all pay attention and try to work these things out. I think when it comes to groups like you people represent, we all think about the money that you make, you know, on the people who live in the towns involved and that sort of thing.

I think the town people, as I would want to do those things which are fair, but in terms of I think -- I'm not the least bit clear about what they're saying. And I would think that we need to compare the benefits of the pipeline, have a sense of what the real benefits are, but also what the benefits of a bike path or whatever they're discussing. I think the company is big enough, and I also think the towns are big enough so they can sit down and talk out and come to some agreement. So when it gets to a place in the regulatory part we don't have to sort of figure all that out.

I wouldn't like to vote for or against what you proposed based on the information that you've given us in terms of what the towns' motives are and what they want. And I think it's an issue that when it comes to utilities wanting

to do something, it's an issue that everybody thinks utilities have all the money in the world. They might; I don't know. But I think the utilities have to take good care of their customers too, and this is certainly one way they should be able to do it.

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MR. MICHAEL KOEHLER: So, I appreciate that, Commissioner, and if I could just respond briefly about that. I think, absolutely, what the company has gone above and beyond to try and work with the towns to come to a mutually agreeable solution, you know, with Paul's interest and the interest of the company.

I think another bit of perspective that might here is that from the companies' perspective, the companies are committed to their communities that they serve — communities that they serve. They're also subject to heavy regulation from state regulators in terms of being able to justify certain projects, you know, the need for certain projects, the impacts of certain projects, the cost for certain projects. And the reason why cost is a consideration is because cost in projects like this ultimately end

up back with customers.

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So what the company is always cautious about doing is addressing legitimate concerns that have a nexus to the project that the companies are proposing. So to the extent there are particular impacts that we can identify through conversations with Paul and folks in Barnstable about particular impacts associated with our proposed gas pipeline, we're all ears. And we look forward to those conversations.

We'll have those conversations.

I think where we're getting into trouble is that the very laudable objective of the bike path is getting lumped into the very simple proposal by the company to build a gas pipeline. And the company has gone as far as it feels like it can in service to its customers and service to its regulators and service to the communities where it serves.

And I think with respect to the bike path, we're at a point now where it's -- when we think about -- so, hypothetically, if we were to accept the town of Sandwich and the town of Barnstable's desired approach for us to go off-

road such that we could facilitate the continuation of the bike path. What the company would be facing would be a real permitting gauntlet and one that we don't think we can justify, frankly.

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What I mean by that is that if we were to adjust the alignment consistent with what Paul or Sandwich and Barnstable are advocating for here today, we would have to submit an entirely new application to the Commission and, also, we would have to submit an entirely new -- we'd have to submit a project change application to the Energy Facility Siting Board.

And when we're before the Energy
Facility Siting Board on a project change, we
have to justify that project change, and we have
to justify it based on -- we have to be able to
show that the project change is advantageous over
what the Siting Board originally approved on the
basis of environmental impacts, cost, and
reliability.

So that's what we have to analyze these requests in the context of and, like I said before, the reason why the Siting Board cares

about cost is because it cares about cost to customers and the like.

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So based on our experience on Phases 1 and 2 with the Siting Board and the ultimate -- how that all, as great as that turned out publicly, and the company was happy to do it and glad it worked out, but in making that calculation for Phase 3, we just can't justify it to the Siting Board. And we don't expect that we would be able to prove to the Siting Board that it would be something that the Siting Board could approve.

And in light of the fact of how important the project is to the Cape, you know, we're here today on this alignment, and we're, you know, we're going to be working with the towns through the street-opening permits. And I think based on what we've heard here from Paul today, I think there's room for some legitimate further conversations that we can have in that permitting process.

MR. ROYDEN RICHARDSON: Just one follow-up comment. You know, we're finding this out at this point of the proceedings. I would be

interested to know whether or not your company has sat down and talked with people in the towns about what your liabilities and all the problems you might have with them and have a nice, good conversation.

MR. MICHAEL KOEHLER: Lots of times.

MR. ROYDEN RICHARDSON: Because if we didn't have the land, you wouldn't have your pipeline, you know, and that's -- I just think that at this day and age we need to work things out and not get to this kind of place.

Thank you.

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MS. JOY BROOKSHIRE: I don't really feel comfortable voting on this today. I think, and I was here when you brought forth the Mid-Cape center project, and I totally support the extension. And as a gas customer, I appreciate what you're doing, but I think you need to have that conversation.

I'd like to take a couple of weeks and have you meet with the town, and I'd like to see you meet with the abutters, and I'd like to have you have our staff in those meetings and see if you can work something out. Because when you

were doing the Mid-Cape project, it started with an under the road and it ended up under the ground, and you planted new trees; you reduced the visibility from the Service Road. You addressed the concerns of the abutters, and it turned out to be a great project. So, I'd like to see that happen here.

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Mr. PAUL NIEDZWIECKI: Thank you, Mr. Chair. I just would like the opportunity to put some of the Commission's relationship with

National Grid in context. When we ran into this issue about reliable gas provision, which is an undeniable sort of regional issue, we worked with National Grid to make sure that everybody was involved, all the towns were at the table to work out that moratorium so that it had the least impact on the residents of Barnstable County. And they were great to work with through that process.

The Cape Cod Commission's relationship with National Grid goes back to its predecessors, and this is an ongoing regulatory relationship past, present, and future. What's in front of you today is a specific request that it come to

the process for an exemption. It's been reviewed by staff.

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The issues raised by both the town of Barnstable and the town of Yarmouth are important issues, and, you know, I certainly stand with those towns on those issues and would like to see those issues addressed. But there may be a potential conflation of these issues, the bike path versus the expansion of the pipeline.

But if there are impacts based on the design proposed, then we stand with the town of Sandwich on that. And the issue of the bike path is an important regional issue.

The point is whether we should be discussing that today as part of this request for an exemption. So what I will offer, and I think it was requested earlier, is that the Cape Cod Commission staff will facilitate or participate in any way requested with both the towns of Barnstable and the town of Sandwich in discussions with National Grid about this issue as it enters into the local process, and they go through road opening permits and any sort of potential appeals of those permits.

And just, I think, the Commission should be able to bring to those discussions not just a familiarity with this exemption and with National Grid and with the gas issue, but also an extensive understanding of the effort to have a Cape-wide bike path and maybe other potential funding sources associated with that.

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So I think we could probably have constructed discussions. I think there are local processes that still are yet to play out where we can be supportive of the towns and their efforts to get a better resolution of both of these issues.

But I will remind the Commission of our past dealings with the EFSB, and I would always rather have those entities that have the ability to appeal our decisions to the EFSB at the table working cooperatively with us instead of just ignoring us altogether.

So those are my comments. I hope that provides some context for today's vote.

MR. MICHAEL KOEHLER: Commissioner

Brookshire, if I may? I just want to refer to -on this point of collaboration, I want to point

out there's a table in our application where we list out on this, specific to this phase, the amount of back-and-forth and the number of meeting is Table 2.2 that's on page 6 of Section 2 of our application.

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But starting from back last April 2016, the companies have had extensive conversations. So it is something that the company take seriously of working collaboratively with the towns and will continue to do so during the street-opening permit process.

CHAIR HAROLD MITCHELL: I'm going to take a minute and speak real quick. I actually started the Bike Committee in Sandwich. I actually spearheaded the bike-path trail up the Service Road. I actually petitioned the Department of Transportation to put that as a priority project. I'm actually co-chair of the MPO, Metropolitan Planning Organization Committee, as Chairman of this, and I see the priority that the town has placed on the Service Road.

I worked with Paul Tilton on this project for years, and I understand his desire,

and the town of Sandwich's desire, and
Barnstable's desire to complete this bike trial.

That being said, I also look at this project that we're looking at today as a DRI Exemption and listen to our staff and understand that the two don't gel together. And although you're going to move forward, I will stress with all my heart that we need to get together and figure this out. And it's nice to know that the Commission will have a part in that.

But I think it's important as the Commissioners know that we're dealing with two different ideas here. And as Jon has said earlier on, they're not related.

So I think we need to keep that in mind as we're looking at the DRI Exemption. I think we need to understand that the towns will still have their say on this and will be working hard to connect that bike trail as there's not a person in this room that really doesn't want to see that. And I think that we should, at this point, start closing up this and let's make our vote.

VICE CHAIR JOHN MCCORMACK, JR.: Mr.

1	Chairman, if I may? I move to close the public
2	hearing.
3	MR. MICHAEL SKELLEY: Second.
4	CHAIR HAROLD MITCHELL: I have a motion
5	and a second to close the public hearing. Anyone
6	have an objection? So I'll take a vote; all in
7	favor?
8	COMMISSION MEMBERS: Aye.
9	CHAIR HAROLD MITCHELL: Any opposed?
10	MS. JOY BROOKSHIRE: (Raised hand.)
11	CHAIR HAROLD MITCHELL: I have one
12	opposed. So, at this time, I'll take a motion to
13	either adopt the draft written DRI Exemption
14	decision and grant the requested DRI Exemption
15	for Phase 3 of the Sagamore Line Reinforcement
16	Project's Western Segment.
17	VICE CHAIR JOHN MCCORMACK, JR.: So
18	moved.
19	CHAIR HAROLD MITCHELL: I have a
20	motion. Do I have a second?
21	MR. RICHARD CONRON: Second.
22	CHAIR HAROLD MITCHELL: I have a
23	second. All in favor, please say "Aye."
24	COMMISSION MEMBERS: Aye.

1	CHAIR HAROLD MITCHELL: Any opposed? I
2	see one.
3	MR. ROYDEN RICHARDSON: I think I'm
4	opposed only because I think we ought to get
5	together before we go forward any further or
6	we'll be left holding
7	CHAIR HAROLD MITCHELL: I think the
8	towns will do that, Royden; I do. And I think
9	from Paul's comments, we can all feel secure to
10	know that that will be happening. So, I will
11	take your no vote on this.
12	MS. BROOKSHIRE: And I'm a no.
13	CHAIR HAROLD MITCHELL: And I have
14	MR. ROYDEN RICHARDSON: I'm in favor of
15	the pipeline. I'm in favor of better cooperation
16	between the, you know, groups involved.
17	CHAIR HAROLD MITCHELL: I understand.
18	So we have two no votes, everyone else saying
19	aye, so the motion passes.
20	Thank you, very much.
21	(Motion passed.)
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PUBLIC HEARING:

Yarmouth Growth Incentive Zone Term Extension

CHAIR HAROLD MITCHELL: Moving on to our second item on the agenda, the Yarmouth Growth Incentive Zone. The Cape Cod Commission will conduct a public hearing on and consider a request by the town of Yarmouth to extend the term of its designated Route 28 corridor Growth Incentive Zone, a GIZ, for an additional four years to October 22, 2021.

Anyone wishing to testify orally will be welcomed to do so. Written comments may be submitted at the hearing.

At this time, I'll ask for the town of Yarmouth to present to us, please.

MS. KAREN GREENE: Good afternoon. My name is Karen Greene. I'm the Director of Community Development for the town of Yarmouth. I'm joined today by a couple of our Planning Board members are here and our Town Planner Kathy Williams as well.

As most of you know because its 10 years now, and a lot of you were here back then and I was here back then. It's hard to believe.

But as you know, Yarmouth is always working on ways to encourage redevelopment on Route 28. As a way to encourage investment in the redevelopment on our Route 28 motel properties, the town voted in 2006 to adopt what we call the "Motel Bylaw." The motel bylaw allows property owners to redevelop their motel properties as motels, multi-family housing with an affordable component, or as mixed-use, commercial and residential. All projects are subject to our design review requirements.

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In 2007, understanding additional incentives were necessary to stimulate the investment we were looking for, the town applied to the Cape Cod Commission for a Growth Incentive Zone designation that's applicable to most — almost all of our Route 28 motel properties. In October 2007 that application was approved.

Over the last 10 years with the GIZ in place, we've continued to refine our local bylaws to add local incentives and to improve the quality of the development and have seen some utilization of the town's motel bylaw as well as the Growth Incentive Zone.

We've had some large-scale success, the Hampton Inn broke ground almost immediately after the Growth Incentive Zone was adopted. That was the Cape's first new hotel in 25 years. It was a big deal.

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We've had some smaller scale successes, some that probably wouldn't have even tripped the thresholds for the Cape Cod Commission review, but I think having the GIZ in place has helped to send the message that we're looking for redevelopment and we're open to redevelopment.

Captain Gadcliff is a smaller -- was a smaller motel. They created 24 housing units, 7 of those were affordable. The Windrift, we call it our mixed-use success, they ended up creating 8 housing units, 2 of which were affordable and retaining part of their motel business on the property.

Recently, through our Affordable

Housing Trust and utilizing CPA funds

appropriated by Town Meeting for the affordable

housing component of motel redevelopment, we've

been able to incentivize some potential projects.

Two proposals that are in the cue are 69 units of

housing at 881 Route 28, that's the former Cavalier Motel, and 40 units of housing proposed for 497 Route 28, the Yarmouth Gardens.

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Just by way of information, Yarmouth Gardens is the oldest motel on Route 28. It was built in 1935. So we're real excited about the possibility of redevelopment.

Both of these projects will provide improved wastewater treatment via a wastewater treatment facility at 881 or an IA system at 497 Route 28. Since 2007, the Yarmouth Board of Selectmen have continued to focus on town-wide wastewater solutions that are effective and economical, and Route 28 will continue to be a priority.

Unfortunately, and fast-forwarding ten years, we haven't seen as much progress as we'd like. The economic downturn in the mid-2000s really made things difficult. Only now in the last year have we seen substantial interest coming forward in our motel properties. A four-year, as-is extension of our Growth Incentive Zone will allow the projects that are in the cue as well as those that are percolating to move

1 forward.

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We picked the four-year request because we felt it was short enough to really kind of keep the heat on and move things along quickly but long enough to help us -- long enough to give us enough time to start planning the next phase of our Growth Incentive Zone, which would likely have a broader focus beyond just our motel properties.

We've already begun to discuss this topic and are happy to report that we'll be kicking these efforts off the planning for the next phase next month through the Urban Land Institute's Technical Assistance Program. It's something that we'll be calling on Commission staff to help us with.

So, I am being brief today. Thank you for considering the request. Again, it's 10 years. I can't believe it's come and gone, and I'm happy to answer any questions that you have.

CHAIR HAROLD MITCHELL: Thank you.

MS. KAREN GREENE: You're welcome.

CHAIR HAROLD MITCHELL: At this time,

we'll have a presentation by the Commission

staff. Thank you.

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MR. JON IDMAN: Thank you. Jon Idman, again. Staff supports the extension request and has prepared a draft decision for your consideration. Commission recommends granting the extension and adopting that draft decision.

Staff's opinion is that the town has met the requirements of the existing Growth

Incentive Zone decision and the Growth Incentive

Zone regulations sufficient to approve their request of extension.

The extension would further the major purposes of the GIZ, which are to improve the character along the Route 28 corridor in Yarmouth to update the existing accommodation stock and to create housing and affordable housing opportunities. The town, consistent with the Growth Incentive Zone decision, as made some very good changes into zoning to further these purposes. Copies of the zoning changes have been provided in your materials. The town has developed and adopted stormwater management regulations within the corridor.

And, finally, according to that

decision, the town has tracked development within the Growth Incentive Zone, including traffic and wastewater from that development and has reported those numbers to the Commission. A copy of that report is in your materials as well.

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The zoning is especially impressive.

It really does create better sight and building design controls in the corridor and encourages housing and affordable housing in that area.

Though the Growth Incentive Zone maybe hasn't been as successful as the town has wanted it to be for the entirety of the duration of the GIZ, it has spurred appropriate development particularly as it was intended to do.

It's because this development activity has been initiated according to the GIZ and is ongoing that the town seeks this extension.

Really, the extension is for four years, and it is necessary to keep the same assumptions in place under which these projects which were ongoing were both designed and permitted, including those revised DRI thresholds that were adopted pursuant to the Growth Incentive Zone.

This is really similar to what

Barnstable has done about maybe a year and a half ago/two years now, Barnstable came to the Commission board and asked for a short-term extension. It's similar to what Yarmouth is doing because both towns, both with expiring GIZs and both seeking extensions or sought an extension are looking to do a new GIZ, building on the existing GIZ but broadening it to some degree. Like I said about Yarmouth, their Growth Incentive Zone really focuses on older motel and hotel stock in the area. Their new GIZ is going to look to kind of have a broader focus within the Route 28 corridor, broader than just motel and hotel properties.

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We've gotten some letters in support for the Growth Incentive Zone extension in the record, and you have copies of those letters.

One was from the Yarmouth EDC, another was from the Yarmouth Housing Trust, and there were two from those who are developing housing within the Growth Incentive Zone from Dakota Partners and from Commonwealth Community Developers.

So, with that, I will end, and I would be happy to try to answer any of your questions

1	you might have as they might arise.
2	Thank you.
3	CHAIR HAROLD MITCHELL: Thank you, Jon.
4	We'll start with any opening questions for the
5	first round of questions for the Commissioners.
6	Yes, Elizabeth.
7	MS. ELIZABETH TAYLOR: This is either a
8	question for Yarmouth or for Jonathan. Are you
9	getting SHI credit for these? They're all
10	rentals; am I correct? None of them turned into
11	condos or private ownership?
12	MS. KAREN GREENE: No. All of these
13	have been rentals, so in the case where they
14	aren't the new projects that are coming
15	forward are also looking to access low income
16	housing tax credits. Those projects will be
17	close to a hundred percent affordable.
18	The smaller projects that I referenced
19	were about 25 percent affordable, and as a rental
20	project, they all count for the SHI.
21	MS. ELIZABETH TAYLOR: That's what I
22	was hoping. It's nice to see that you're making
23	good progress on that.
24	MS. KAREN GREENE: Thank you.

1	MS. ELIZABETH TAYLOR: Has the town
2	incentivized this tax wise or what are you doing
3	to create an incentive for an owner to actually
4	do this, increase the number of affordable units?
5	MS. KAREN GREENE: So, with the two
6	larger projects that have come forward, the
7	towns' Affordable Housing Trust made request to
8	Town Meeting through CPA funds, and the town's
9	actually set aside more than \$3 million for the
10	purpose. That's a lot of money.
11	MS. ELIZABETH TAYLOR: You way ahead of
12	us. That's great. Thank you, very much.
13	MS. KAREN GREENE: You're welcome.
14	CHAIR HAROLD MITCHELL: Thank you. Any
15	other questions in the first round?
16	VICE CHAIR JOHN MCCORMACK, JR.: Just a
17	comment, Mr. Chairman, if I may? I want to
18	reiterate what the Director of Community
19	Development, Karen Greene, stated and that was
20	the fact that this GIZ began in 2007. And I
21	think everyone here should recognize the fact
22	that 2007 was not a good year to start anything.
23	We rapidly went into a recession that really
24	killed the economy. And that's why we're looking

1	for an extension.
2	Thank you.
3	CHAIR HAROLD MITCHELL: Thank you. At
4	this time, I'll open the podium for anyone that
5	would like to speak on this. I'll start out with
6	any federal, state, or local officials. Seeing
7	none. Any of the general public that would like
8	to speak to this? Seeing none.
9	Then I will ask for any final questions
10	or comments from the Commissioners?
11	VICE CHAIR JOHN MCCORMACK, JR.: If I
12	may, Mr. Chairman; I'd like to recognize not only
13	Director of Community Development, Karen Greene,
14	but the Town Planner Kathy Williams is here; the
15	Chairman of the Planning Board, Norm Weare, and
16	two members of the Planning Board with him,
17	Joanne Crowley and Tom Baron.
18	Thank you.
19	CHAIR HAROLD MITCHELL: Our Yarmouth
20	representative is making it known. (Laughter.)
21	Anyone else?
22	So at this time, I will take a motion
23	to close the public hearing.
24	VICE CHAIR JOHN MCCORMACK, JR.: So

1	moved.
2	MS. ELIZABETH TAYLOR: Second.
3	CHAIR HAROLD MITCHELL: I have a motion
4	and a second. All in favor?
5	COMMISSION MEMBERS: Aye.
6	CHAIR HAROLD MITCHELL: Any opposed?
7	(Motion passed.)
8	CHAIR HAROLD MITCHELL: So at this time
9	now, I will take a motion to adopt the Draft
10	Written Yarmouth Route 28 Corridor Growth
11	Incentive Zone Extension Decision and grant the
12	request of the extension for an additional four
13	years until October 22, 2021.
14	VICE CHAIR JOHN MCCORMACK, JR.: So
15	moved.
16	(Seconded.)
17	CHAIR HAROLD MITCHELL: I have a motion
18	and a second. All in favor?
19	COMMITTEE MEMBERS: Aye.
20	CHAIR HAROLD MITCHELL: Any opposed?
21	Any abstentions? The motion carries.
22	(Motion passed.)
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Presentation of Marine Protection Act

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CHAIR HAROLD MITCHELL: Thank you, very much. At this time, I'm going to make a change in the agenda. I am going to ask for everyone's indulgence. I'm going to move the Marine Mammal Protection Act forward.

This is presentation on the Marine

Mammal Protection Act by Erin Burke from the

Massachusetts Division of Marine Fisheries

discussion and questions from the Cape Cod

Commission members. This was a request that was

put forward by one of our Commission members that

we get a better understanding of this.

And due to the hour and how things are going, I appreciate Erin's participation, and I'd like to go ahead and get her on now, please.

Thank you.

MS. ERIN BURKE: Hello. I'm sorry; I'm trying to figure out how close I need to be to this. My name is Erin Burke. I work for the Massachusetts Division of Marine Fisheries. I'm their Protected Species Specialist.

The Cape Cod Commission staff asked me to come and give you an overview of the Marine

Mammal Protection Act and how it relates to states. I just want to preface that I am not an MMPA expert, and I'm not a seal expert. In my work for the state, I am a generalist, except when it comes to Right whales. I have to know absolutely everything there is to know about Right whales.

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But other than that, I work on a number of different issues and serve as a subject matter expert for the state and policy and management.

I'm not on the field as much as I used to be, so that's my story.

But I'm going to give you an overview of the MMPA and tell you what's possible for states, what has actually happened and, you know, what sort of room -- wiggle room a state has. I assume you guys want to hear about seals too, so we'll talk about that.

So, back in the early 70s, a bunch of conservation and environmental acts came into play. One of which was the Marine Mammal Protection Act in 1972, and it was in response to significant declines in some marine mammal stocks and concern that those stocks were going to keep

declining and not be in existence anymore or be functioning parts of that ecosystem.

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So the MMPA prohibited the take of marine mammals in U.S. waters, and they define take pretty broadly as capture, kill, hunt, or They also introduced a concept called OSP, which is what they wanted to maintain under the MMPA, which is the Optimum Sustainable Population, which is a pretty lofty goal. It's actually the maximum productivity that a population can have. So not just, which we'll talk a little bit more, that you won't go extinct; it's that like you are producing on all cylinders and, you know, at the time, there was a lot of public outcry to what was happening with marine mammal populations. And so I think some of the force behind the MMPA is a result of that whaling and tuna seine netting on pods, dolphins, and things. So the goal was to restore these depleted stocks and then also reduce serious injury and mortality in commercial fisheries.

Now when you compare this to the Endangered Species Act, which was enacted in 1973, that is a little more straightforward, you

know, prevent extinction, recover the stocks, and once the stock is good, you know, you pull those protections off and the population goes on its way.

That's not really how the MMPA is set up, and there are some species that are obviously protected under the MMPA but are also listed under the ESA, like the Right whale.

So the MMPA was unique in its goal of having a healthy ecosystem function and marine mammals being a part of that. So they managed, as I said based on OSP, and there is not any mechanism to remove any of those protections for marine mammals or remove those animals from the Act.

So one thing that makes us think of is seals, of course, because they're a species that has, you know, recovered/proliferated quite well in U.S. waters or in Massachusetts because of the protections afforded by the Act.

So the Humpbacks were recently delisted from the Endangered Species Act, which is actually really controversial. There's a lot of people that think that that shouldn't have

occurred that way. But, you know, we aren't at a point where Humpback whales are like such a nuisance and are just like eating all the fish and getting in everyone's way. Seals is sort of a different story. I think some of it is warranted and some of it is just backlash. We didn't have the species in our water as part of our local ecology for a few generations.

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You guys may know some of this, but there was a bounty on Grey seals in Massachusetts until 1962. In a recent study by Duke University and others using Google Earth and some radio telemetry, they figured there was around 30 to 50,000 seals currently in Massachusetts.

Now the majority of those come from Canada. The majority of the Northwest Atlantic Grey Seal stock lives on Sable Island in Canada, and that is the source of the population in the U.S. When they look at the genetics of the Canadian stock and the U.S. stock, they're the same. There's no difference.

So we don't have the good sense of the emigration and immigration and the movement between those two populations or those two

colonies, I would say, which makes it complicated when you talk about any kind of culling or removal program.

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The Canadian population was reproducing at 12 percent a year which they believe is OSP, that is the max, and I think that was too much for that population to handle, so it's now gone down to reproducing at about 4.5 percent a year.

Now the rate of the increase of the U.S. population or the population in Massachusetts is not known. The feds have not — the way they've explained it is they don't have the money to do this work, which we'll talk a little bit more about. I'm sure there's a grad student that would love to take care of it for them but that's just my opinion.

So some of the concerns that we hear about seals in Massachusetts, I'm sure these are familiar to you as well as depredation of fishing gear by seals, stealing catch. You know, I used to be an observer on gill net boats out of New Hampshire back in the like dark ages of observing, and we would have some nets that would come up and all the bellies of the Cod would be

ripped out by the seals.

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And another concern is, obviously, competition for fish resources, just seals eating too much, being competitors, not just sort of thieves; infection of Cod with seal worm; attracting sharks to Massachusetts waters. Some people talk about water quality issues but studies have shown that the seals are not affecting the water quality in the beaches around their haul-out sites.

So given there's so much unknown about the seal population in general and what their ecology is and their foraging behavior so the true impact of seals on our local ecosystem is still very unknown.

Some of the things that people talk about a lot since — if you look at the Stock Assessment Report for the Grey seal that the feds put out, they don't have a minimum population estimate, and they don't have an estimate for the trend in the population. And the explanation for that is that the aerial surveys haven't taken place so they can't get an abundance estimate, and they can't get an estimate on trend.

So there's sort of a funding issue with looking at a population that, you know, with the Right whale and the Humpback whale, they have been trying to prevent them from going extinct.

And so, of course, money gets thrown at them.

You have a species that isn't in danger; it's not a big deal, you know, as far as like their extinction, and people aren't chomping at the bit to spend money on it. Unfortunately, that's just the way it is.

There's a lot that's not known about residency patterns, if there's movement between the U.S. and Canada foraging patterns how far offshore these animals go; how long they spend out there; how deep they dive; are they overlapping with areas of commercial fishing?

It's also difficult to try to get a handle on the actual diet of the seals. So we have to build a prey library of fatty acids and stable isotopes of all the different potential prey species, get DNA and blubber samples from the seals, do gut content and scat analysis for the hard parts.

Some of this work is ongoing but it's

just starting, and its trophic dynamics are really complex, so trying to figure out how the seals are affecting fish stocks, and if we took the seals away, you know, they've talked about this in plenty of other places; Canada, you know, Baltic sea, Irish sea, and it's really hard to elucidate what is going on with these complex systems and what would happen if you took the seals away; if you would actually get the result that you were looking for that, you know, Cod would come back or whatever the end goal is.

So one of the questions that I hear a lot is what role can the state play, given that the MMPA's a federal law? So, clearly, it's a federal jurisdiction and their rules go to the beach. State rules can be more restrictive than federal rules but not less. Before the feds required sinking ground line in the lobster pot fishery, Massachusetts had made it mandatory for about four years prior to that because it was important to us in Cape Cod Bay and from a Right whale perspective, and we said, well, we don't care if you guys aren't going to do it; we're going to do it, and then the feds followed suit.

Now the MMPA does have a provision to transfer authority for the management of the species to the state, Section 109 under "Federal Cooperation with States." And what that would entail is the state developing a conservation plan and any takes that occur would have to be humane.

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But one of the things that you have to happen first, which is the real sticking point, is that the state would have to use its resources to determine where the population is relative to OSP, which is something the feds haven't even had the funds to do.

So the scope of that effort cost-wise, logistics, and size of that program, and then you also take on the legal responsibility for that species as well. So just from a litigations standpoint, it's incredibly risky.

So in reading about this, I was trying to figure out who has done this? Who has, you know, who have the feds said, you know, here you go, take it, and it has never happened. So Hawaii and Maine looked into do it and Alaska too but, ultimately, I think the legal burden and the

financial burden was too much, and they decided not to pursue it.

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There's also Section 120 of the MMPA deals with the Ballard Locks in Washington and Gulf of Maine salmon aquaculture. So there's a provision in there where the state can have authority to deal with nuisance animals, not a large-scale cull but dealing with nuisance individuals. But that's separate from 109, which is just the blanket transfer, here you go; you want Grey seals, it's yours. You know, that's completely different.

When you look at predator control programs and the long history of their use in wildlife management; in Europe, lynx and other species in the U.S. for wolves and coyotes and cougars, and there is, you know, sort of a straight connection between shoot a bunch of wolves and livestock in that area will be protected. But sometimes the results are straightforward. Some studies show coyote pups actually have a higher survival rate when you're killing the adults. Cougars will expand their range if you're shooting them in areas. You're

sort of pushing the problem off into a different region.

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And in the case of seals, you know, they looked into this in South Africa and doing a cull but they found, based on fish stocks, impact on fish stocks. And they found that when they really studied the problem that they couldn't figure out what the link was going to be, and it didn't look like killing the seals was actually going to help the fish stocks, and so they called it off.

But I think the effectiveness of a culling program is hard to understand. There might be unintended consequences in the food chain, and it's a program that would have to be continued. And often, I was reading about culling programs, they're talking about taking 50 percent of the population just out, which is a lot.

And we, you know, you just take the thought down the line and think about doing this on Monomoy, you know you have to get rid of the animals. You have to get them off the beach.

Just the scope of a program like this -- I think

when people talk about, you know, we need to cull seals in Massachusetts, we really have to think about the nitty-gritty details of what a program like that would look like, even if it was easier for the state to take control over that species.

When I talked to the feds about this recently, there's a guidance document coming out from NMFS about non-lethal deterrents. And when I tried to get details from them about what that was going to look like, they wouldn't give them to me. So I don't know if it's going to be acoustic deterrents or if it's going to be sort of shooing them off the beach. They were very tight-lipped about it like, oh, it will be released soon. So I don't have more information about that.

So, I'm not exactly sure what you guys wanted to talk about today. I hope that sort of covered it. But the real take-away points is that it's federal act; there's limited ability for the state to intervene; no one has ever done it before, and if the state could take over management authority of that species, the cost and the scope of that program would be pretty

1	immense.
2	CHAIR HAROLD MITCHELL: Thank you. Any
3	of the Commissioners have any questions for Erin?
4	Then we might be able to narrow it down what we
5	were
6	MR. MICHAEL SKELLEY: Well, I guess I'm
7	the culprit here. Mike Skelley; I'm from
8	Chatham.
9	MS. ERIN BURKE: Hi.
10	MR. MICHAEL SKELLEY: Hi. It is a
11	major problem for us. It's a major problem for
12	our fishing industry. There was an article in
13	the Cape Cod Times today that one seal eats six
14	striped bass a day that are (Indiscernible) being
15	taken. It's costing the towns on the Outer-Cape
16	money now just to warn people about sharks.
17	I'm not so sure I buy into the whole
18	concept of 50,000 seals defecating and urinating
19	in the water doesn't affect the quality of the
20	water.
21	MS. ERIN BURKE: Well, did you see the
22	WHOI study, what they did?
23	MR. MICHAEL SKELLEY: Pardon?
24	MS. ERIN BURKE: The Woods Hole study

1	that they did with the Department of Public
2	Health data, fecal coliform?
3	MR. MICHAEL SKELLEY: No, I haven't
4	read that. But, you know, some of these things
5	are a little I'm a little skeptical about how
6	these whole things came about. Obviously, you
7	stated it very well, Erin, and I appreciate that.
8	In the 70s, there was a great outcry for I
9	think they wanted to save whales.
10	MS. ERIN BURKE: Yeah.
11	MR. MICHAEL SKELLEY: I don't think
12	they wanted to save seals.
13	MS. ERIN BURKE: Right. Probably.
14	MR. MICHAEL SKELLEY: So one of the
15	things that I thought about is legislative
16	intent.
17	MS. ERIN BURKE: Uh-huh.
18	MR. MICHAEL SKELLEY: I don't think
19	either the House or the Senate, in its debate of
20	this bill, anticipated a problem in the Northwest
21	or the Northeast with fisheries.
22	MS. ERIN BURKE: Probably.
23	MR. MICHAEL SKELLEY: No, probably not.
24	And it probably didn't anticipate the fact that

it was going to cost the towns money and cost the fishing industry money. And they certainly didn't anticipate that we were going to have a problem with Great White sharks.

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So my view rather than taking a look at that as trying to find holes in the legislation; holes in the legislation through legislative intent. The law was established in '72, I guess, and it hasn't been tweaked since. And the department of the feds, and I'm not saying the state, the feds don't really intend to help us tweak it.

MS. ERIN BURKE: It was tweaked in '94. That's when take reduction teams came in. That was when the part about incidental take and fisheries. There are amendments in 1994 that updated it for impact fisheries, establish take reduction teams, but that was the last time.

MR. MICHAEL SKELLEY: Well, we have an obvious -- we try to protect the striped bass population, and we haven't done that really because our nuisance is the seals.

We deal with the Cod situation, and we say that we over-fish it sometimes. Well, maybe

we have, but it's still a problem with the seals. I mean, 50,000 seals on the Cape is ridiculous, and they're starting to come into the Sound now.

MS. ERIN BURKE: Uh-huh.

MR. MICHAEL SKELLEY: You know, when do we have a hundred thousand seals that we have to deal with?

MR. ROGER PUTNAM: If you watch the seals on (Inaudible) fishing every damn day, you know perfectly well that all the conversation about what they're not doing is bunkum. The fish are — the seals are eating fish hand over flipper.

MS. ERIN BURKE: And we need data, that is the issue. And in Canada, they throw a lot of money at their seal questions because seals are a commodity. Recently, the EU banned seal products in Europe, so I think that situation has changed, but when I thought about why; why do they know so much about seals in Canada because they harvest them. We don't have that same situation here.

So, we need data to be able to say to the feds this is what we're going to do and why, and this is what the outcome is going to be. And

1	getting that data requires time and money.
2	MR. MICHAEL SKELLEY: Well, is there a
3	market for seal meat in Japan or in New York?
4	MS. ERIN BURKE: I don't think so.
5	MR. ROGER PUTNAM: In Japan there is.
6	In Japan, they do eat seal meat.
7	MS. ERIN BURKE: Seal meat.
8	MR. ROGER PUTNAM: Yeah.
9	MS. ERIN BURKE: I mean I don't even
10	I don't know how/what sort of the processing of
11	seal meat in Canada, you know, how we would have
12	to even go about that.
13	MR. MICHAEL SKELLEY: Well, I don't
14	know if we would have to ask the government to
15	spend any money.
16	MS. ERIN BURKE: There's heavy metals
17	and
18	MR. MICHAEL SKELLEY: And right where I
19	used to live was basically farm country, and we
20	had a lot of cows, a lot of dairy cows, in
21	Connecticut. And it was always talked about
22	after they stopped giving milk, you harvest the
23	stock. Very common, I mean it ends up at
24	McDonald's. And, right now, we have a stock that

1	if we found a market for that we could harvest
2	MS. ERIN BURKE: I don't know that the
3	global market for seal meat is really powerful
4	though. And it's still a huge undertaking.
5	Let's just say we kill 50,000 of them, you know,
6	it's still a huge undertaking to do that out on
7	very sensitive land, National Wildlife Refuge.
8	Logistically, I think it would be tricky but
9	MR. MICHAEL SKELLEY: So, in other
10	words, we really have no solution to this
11	problem?
12	MS. ERIN BURKE: Yeah.
13	MR. ROGER PUTNAM: Nor do we care.
14	MS. ERIN BURKE: No.
15	CHAIR HAROLD MITCHELL: Yeah, guys, if
16	we can move on with some other questions from
17	other people, that would be beneficial.
18	MS. ERIN BURKE: I don't think that
19	people don't care.
20	CHAIR HAROLD MITCHELL: I mean I'm
21	starting to see my hour here slipping away. So
22	if we could stick to some questions, I'd
23	appreciate it.
24	Thank you. Elizabeth, and then I'll go

1	to Jackie, and then I'll go to Kevin. Thank you.
2	MS. ELIZABETH TAYLOR: First of all, I
3	think that we are the problem relative to fish
4	stocks. The seals, they impinge on that, but we
5	have to face it, we are the problem.
6	Do we have any information on the seal
7	populations before they were allowed to be taken?
8	MS. ERIN BURKE: Historical
9	MS. ELIZABETH TAYLOR: I assume there
10	were shark populations at that time, but we
11	didn't pay attention because there weren't that
12	many people in the water.
13	MS. ERIN BURKE: Probably. I've tried
14	to look into this and not been able to find a lot
15	of information. I mean Native Americans did
16	harvest them; we know that from historical
17	records.
18	MS. ELIZABETH TAYLOR: Yeah.
19	MS. ERIN BURKE: But there isn't a lot
20	that I've read about White sharks, but what the
21	historical population of the seals in
22	Massachusetts was, I haven't been able to find
22	Massachusetts was, I haven't been able to find any information on that.

have to face the fact that as the water temperature is changing, you get White sharks now because they can heat their bodies. But as the water warms up, we're going to get more Bull, Silky, Thresher, you know, Blacktip, Whitetip, any of them, Nurse sharks. And they'll be coming up the coast, and we will have those to deal with too. And they won't be here because of seals. They'll be going after other populations.

So we have to start to live with the complications because of the temperature of the ocean warming up. And we have to start facing all of those issues too, and I don't think that culling seals is going to solve anything. If we're doing it because we've got White sharks here; it's their ocean, you know. Other areas live with it; we have to learn to live with it.

Thank you.

CHAIR HAROLD MITCHELL: Jackie.

MS. JACQUELINE ETSTEN: What is the impact of the industrialized fishing fleets that are coming in quite close to the shore these days, vis-à-vis the seal population?

MS. ERIN BURKE: What is the impact on

1 the seal population?

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MS. JACQUELINE ETSTEN: Excuse me, on the fishing -- on the fishing populations. I can't even speak.

MS. ERIN BURKE: Oh gosh, I don't know. I mean that makes me think — I think, you know, fishing in U.S. waters by foreign fleets I think has diminished a lot since the 80s or the 70s when they were doing that a lot, like big factory trawlers. I mean, bycatch of seals in gill nets is common but it's not, you know, enough. It's not like, you know, the harbor porpoise was sort of driving their population way down, or like we see with Right whales where entanglement and pot gear and gill net gear is actually a problem for their fecundity and survival. You know, there is (Indiscernible) seals but it isn't doing much to impact them.

As far as fisheries taking foods sort of out of the mouths of seals, I don't think that that is occurring.

MS. JACQUELINE ETSTEN: No, I'm sorry. I probably misspoke. I wanted to know what the impact on the fish populations of the

1	industrialized fishing methods was, vis-à-vis the
2	seal consumption of fish?
3	MS. ERIN BURKE: I don't know. I'm
4	sorry.
5	MS. JACQUELINE ETSTEN: We had a talk
6	by somebody on herring. The speaker who seemed
7	to be an expert in herring seemed to believe that
8	the fishing was far more devastating on the
9	herring population than the seals.
10	MS. ERIN BURKE: Right. I've seen
11	studies like that.
12	MS. JACQUELINE ETSTEN: (Inaudible)
13	when you go forward.
14	MS. ERIN BURKE: Right. When you look
15	at what the mammal is taking out, whether its
16	harbor porpoise or a seal compared to what the
17	fishery is consuming, it's rather small. And
18	that sometime in herring management, like they
19	I heard people talk about wanting to make sure
20	that they set aside some allotment specifically
21	for the harbor porpoise or some other marine
22	mammal that really needs that stock.
23	CHAIR HAROLD MITCHELL: Thank you. I'm
24	going to have one more question due to the hour.

1	With one more item still on the agenda, I need a
2	quorum for. We're going to take one more
3	question from Kevin.
4	And, Erin, I appreciate your time.
5	We're going to move on. Thank you.
6	MR. KEVIN GRUNWALD: And I'm going to
7	defer in the interest of time.
8	CHAIR HAROLD MITCHELL: All right.
9	Erin, thank you, very much.
10	MS. ERIN BURKE: Thank you.
11	CHAIR HAROLD MITCHELL: It was very
12	informative and we appreciate your time.
13	MS. ERIN BURKE: Take care.
14	CHAIR HAROLD MITCHELL: Appreciate
15	that. Moving on.
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PUBLIC HEARING:

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Chapter G, Growth Incentive Zone Regulations Proposed Amendment

CHAIR HAROLD MITCHELL: We have one more item on the agenda, which is a GIZ Regulations Amendment.

The Cape Cod Commission will conduct a public hearing and consider proposed amendment to the Growth Incentive Zone Regulations, Chapter G of the Code of the Cape Cod Commission Regulations.

The purpose of the proposed amendment is to allow a Growth Incentive Zone designated period to be extended one time by the Executive Director for a period of up to 180 days.

Anyone wishing to testify orally will be welcome to do so. Written comments may also be submitted at the hearing.

Just in case anyone hasn't had an opportunity to look through the notes, basically what we're adding is the statement notwithstanding the GIZ designated period may be extended by one time by the Executive Director for a period of up to 180 days. Such extension

shall be reviewed for its consistency with 1 2 Section 2 and Sections 8 herein, and with the goals of the RPP in effect at the time of the 3 extension. Such extension shall be in addition to any extensions requested by town and granted 5 by the Commission. 6 7 So, at this time, I would ask --MR. ROYDEN RICHARDSON: 8 So moved. 9 CHAIR HAROLD MITCHELL: Well, I think a 10 presentation by the Commission staff. 11 MS. KRISTY SENATORI: Thank you, Mr. 12 Chair. Kristy Senatori, Deputy Director with the 13 Commission. And given the late hour, I certainly 14 will be brief. 15 But as the Chair pointed out, this is a 16 minor amendment to Chapter G, which is our Growth 17 Incentive Zone Regulations. We have currently 18 three approved Growth Incentive Zones. We have 19 one in that you heard about today in Yarmouth. 20 We have another in Buzzards Bay, and then a third

So, currently, each Growth Incentive Zone, as you heard in the case of Yarmouth, has

in Hyannis, which you've also heard about in the

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recent months.

an expiration date. And this is actually proving somewhat problematic in some of these Growth Incentive Zones. And as Commissioner McCormack pointed out, 10 years isn't necessarily enough time to realize the cumulative thresholds that exist within these Growth Incentive Zones.

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So the modification before you allows a 180-day extension in time to the GIZ decision.

It does not have any effect on the threshold. It doesn't have any effect on any of the other provisions in the Growth Incentive Zones' decisions themselves.

But this is particularly important especially in the case of Hyannis and where a staff-level process has already begun with the town of Barnstable staff and Cape Cod Commission staff in contemplating a new Growth Incentive Zone.

So this short timeframe extension to the Growth Incentive Zone decision will allow the Commission to work with the town to put forward a new application for a Growth Incentive Zone and follow the public hearing process that's required at the local level and then, ultimately, through

the Commission hearing process. 1 2 We are anticipating a larger set of 3 regulation changes coming before the Commission in the next coming several months. And so this is just the first of those. This is just a small 5 minor amendment that we would need to do in 6 7 advance of some of those larger regs amendments. 8 So, I'm happy to answer any questions 9 if you have any and thank you. 10 CHAIR HAROLD MITCHELL: Any questions 11 from the Commissioners at this time? 12 MS. JACQUELINE ETSTEN: Does this 13 immediately affect the Hyannis GIZ? 14 MS. KRISTY SENATORI: We could extend 15 the Hyannis Growth Incentive Zone if you vote 16 this approval today. 17 MS. JACQUELINE ETSTEN: I'm sorry? 18 You --19 MS. KRISTY SENATORI: We will be able 20 to extend the Hyannis Growth Incentive Zone by 180 days. 21 2.2 MS. JACQUELINE ETSTEN: Well, I 23 expressed concern with the type of development 2.4 that is occurring in Hyannis under the GIZ at

1	present, and I'd ask that that be on the agenda
2	for review and discussion and it hasn't occurred.
3	So I would be opposed to this
4	extension.
5	MS. KRISTY SENATORI: I think what
6	you're mentioning for growth that's happened or
7	is anticipated to happen under the Growth
8	Incentive Zone is something that we're looking at
9	as the new Growth Incentive Zone. So we're not
10	modifying anything currently but anticipating a
11	new Growth Incentive Zone, which could address
12	some of your issues.
13	CHAIR HAROLD MITCHELL: Okay. Any
14	other questions?
15	MR. RICHARD ROY: Does this go forward
16	if we vote on it today or does this have to go
17	before the Assembly?
18	Ms. KRISTY SENATORI: This would go to
19	the Assembly of Delegates for approval.
20	MR. RICHARD ROY: Okay. Thank you.
21	CHAIR HAROLD MITCHELL: Any other
22	questions? Any public comments? Okay. Any
23	final comments by the Commissioners? Then I'll
24	take a motion to close the public hearing.

1	COMMISSION MEMBERS: So moved.			
2	CHAIR HAROLD MITCHELL: There's a lot			
3	of those. I'll take a second.			
4	(Seconded.)			
5	CHAIR HAROLD MITCHELL: Thank you. All			
6	in favor, say "Aye."			
7	COMMISSION MEMBERS: Aye.			
8	CHAIR HAROLD MITCHELL: Any opposed?			
9	MS. JACQUELINE ETSTEN: No.			
10	CHAIR HAROLD MITCHELL: Any			
11	abstentions?			
12	MS. JACQUELINE ETSTEN: No, not an			
13	abstention, a no.			
14	CHAIR HAROLD MITCHELL: Yes. So at			
15	this time, I'll take a motion to submit as a			
16	draft the proposal amendment to Section 11			
17	Duration of the Growth Incentive Zone Regulations			
18	Chapter G of the Code of the Cape Cod Commission			
19	to the Assembly of Delegates for adoption by			
20	ordinance.			
21	A motion?			
22	MR. RICHARD ROY: So moved.			
23	CHAIR HAROLD MITCHELL: I have a			
24	motion. Do I have a second?			

1	MR. JOHN HARRIS: Second.		
2	CHAIR HAROLD MITCHELL: I have a		
3	second. All in favor?		
4	COMMISSION MEMBERS: Aye.		
5	CHAIR HAROLD MITCHELL: Any opposed?		
6	Any abstentions? It passes. Thank you, very		
7	much.		
8	(Motion passed.)		
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EXECUTIVE DIRECTOR'S REPORT 1 2 CHAIR HAROLD MITCHELL: We did have one other item. I'm sure he will hold off but we'll 3 see. Executive Director's Report; Paul, would 4 5 you like to --Mr. PAUL NIEDZWIECKI: Actually, what I 6 7 can do is I can email it to you all. 8 CHAIR HAROLD MITCHELL: Okay. 9 Mr. PAUL NIEDZWIECKI: That's so you 10 can give it more thoughtful consideration. 11 CHAIR HAROLD MITCHELL: Thank you. 12 that being said, any other business before we 13 accept a motion to adjourn? Then I'll take a 14 motion to adjourn. 15 COMMISSION MEMBERS: So moved. 16 CHAIR HAROLD MITCHELL: Second? COMMISSION MEMBERS: Second. 17 18 CHAIR HAROLD MITCHELL: All in favor? 19 COMMISSION MEMBERS: Aye. 20 CHAIR HAROLD MITCHELL: Any opposed? 21 Thank you, very much, and I appreciate your 22 patience throughout this long process today. 23 Thank you, all. 24 (Whereupon, the Cape Cod

CERTIFICATE

COMMONWEALTH OF MASSACHUSETTS
COUNTY OF BARNSTABLE, SS

I, Linda L. Wesson, a Certified Verbatim

Reporter and Notary Public in and for the Commonwealth of Massachusetts, do hereby certify that the foregoing volume is a true and accurate transcript, prepared to the best of my ability, of the Cape Cod Commission Hearing, which was held on Thursday, September 14, 2017, at the First District Courthouse, Assembly of Delegates Chambers, 3195 Main Street, Barnstable, Massachusetts.

10/2/17

Date

Linda L. Wesson, CVR, ACT

Notary Public

My Commission Expires: June 3, 2022

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