

Ben Franklin Bridge Maintenance Platform - Navigable Channel 48 Hour Notification Protocol

When Skanska is performing repair work over the navigable channel, PPW49 to PPW69, the work will be limited to 1 of 5 work zones consisting of 4 bays (82 feet) at any given time. The platform in the identified work zone will be lowered and provide a temporary bridge clearance reduction of 18.5' in order to complete the contracted repairs.

If required by MTS, while working in the designated work zone within the navigable channel, the platform can be lifted to 10' below bottom of steel within 48 hour notice to allow appropriate marine access. The protocol to lift the work platform in the limited work zone within 48 hours as follows:

- a. Upon notification via email, Skanska will remove all material and tooling from the work zone.
- b. The 4 bay work zone platform will be lifted to a temporary position (10' below bottom of steel.)
- c. The platform will remain in this temporary position (10' below bottom of steel) until the marine stakeholders send notification via email stating that the work zone platform can be lowered.

The Communication Plan between USCG and Skanska/DRPA as follows:

- d. Skanska will provide a weekly schedule to the USCG with a work zone location plan.
- e. The marine stakeholders to provide a bi-weekly schedule of river traffic to Skanska/DRPA.
- f. The Mariner's Advisory Committee and River Pilots will be invited to the Bi-Weekly Construction Progress Meetings.
- g. Established Points of Contact
 - o Skanska:

▪ Rebecca Clark	(732) 947- 0567	Rebecca.Clark@Skanska.com
▪ Rod Rafferty	(732) 310-2726	Rod.Rafferty@Skanska.com
▪ Eric Dovak*	(347) 860-2399	Eric.Dovak@Skanska.com
▪ Chelsea Mester	(732) 306-6718	Chelsea.Mester@Skanska.com
 - o DRPA:

▪ Elisabeth Klawunn	(856) 968-2075	elklawunn@DRPA.org
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 - o GPI:

▪ Ed Roche	(908) 285-9650	eroche@gpinet.com
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 - o Mariners' Advisory Committee:

▪ Captain Stuart Griffin	(302) 542-7786	chairman@macdelriv.org
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 - o Pilots' Association for the Bay and River Delaware:

▪ Captain David Cuff	(445) 888-0320	president@delpilots.com
▪ Dispatch Department	(215) 465-8340	dispatch@delpilots.com
 - o Philadelphia Maritime Exchange:

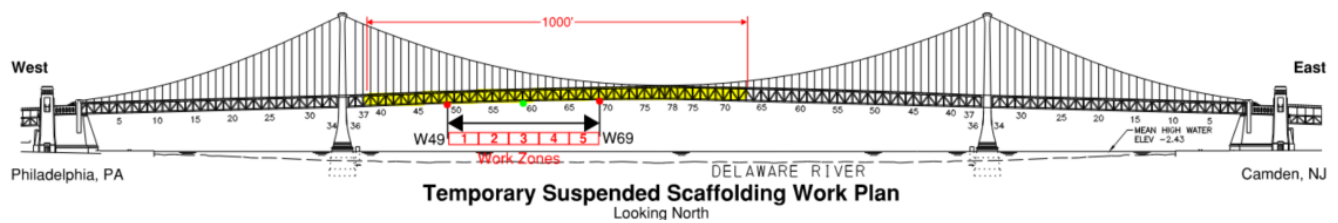
▪ Operations	(215)925-1524	ops@mxops.org
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 - o Sector Delaware Bay

▪ 24 hour WWM duty	(267) 515-7294	DelawareBayWWM@uscg.mil
▪ Command Center*	(215) 271-4807	SecDelBayCC@uscg.mil

*Emergency contact if necessary.

Ben Franklin Bridge Maintenance Platform - Navigable Channel Lighting Protocol

The Ben Franklin Bridge clearance will be reduced by 24" from the West Navigational Marker to 1000' east of that location. Scaffolding will be modified to hang 10" below the bottom of steel of the roadway within the navigable channel from panel point West 49 to West 69. The scaffolding system will hang 36" below the bottom of steel of the roadway outside of the referenced 1000' limits.



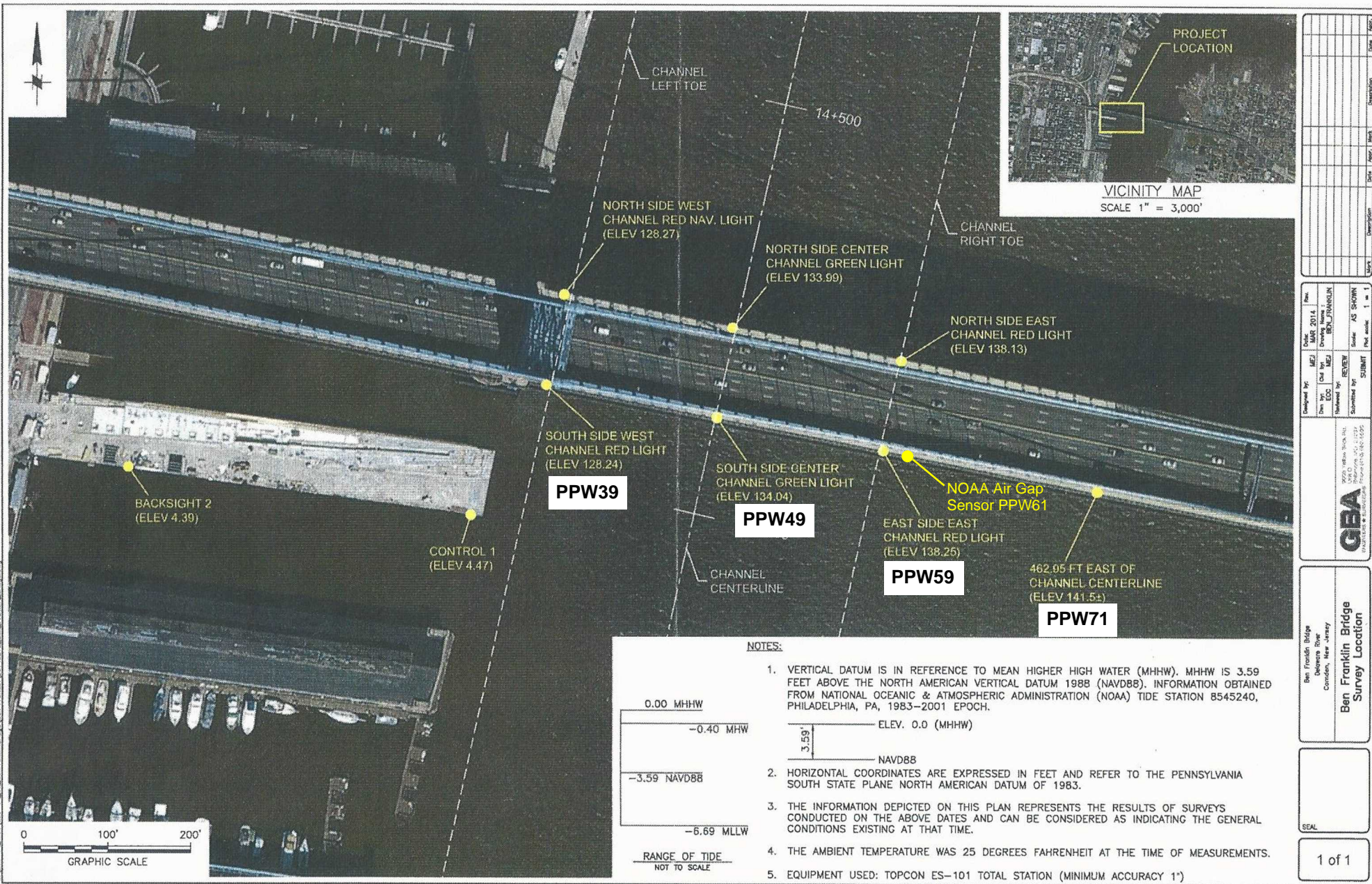
Lighting Plan as follows:

The current marked navigational channel beneath the Ben Franklin Bridge is located between panel points PPW39 and PPW59. The (2) red and (1) green lights marking the current channel on both the north and south sides of the bridge will be relocated to designate the preferred navigable channel (PPW49 and PPW69) as required by MTS.

As noted in the above detail the following channel lights will be installed:

- (2) Red lights will delineate the west side of the channel at PPW49 – (1) on the north side and (1) on the south of the bridge.
- (2) Green lights will delineate the center of the channel at PPW59 – (1) on the north side and (1) on the south of the bridge.
- (2) Red lights will delineate the east side of the channel at PPW69 – (1) on the north side and (1) on the south of the bridge.

Skanska will confirm that the channel lights are visible at all times during the construction period.



Rev	By	Date	Description	Scale	Sheet	Total
1	PPW	10/10/14	AS SHOWN	1" = 1'	1	1

Designed by:	MEJ	Checked by:	MEJ	Submitted by:	REVIEW	Submitted by:	SUBMIT
Drawn by:	ECC	Drawn by:	MEJ	Drawn by:	REVIEW	Drawn by:	SUBMIT
Scale:	AS SHOWN	Scale:	AS SHOWN	Scale:	AS SHOWN	Scale:	AS SHOWN

Ben Franklin Bridge Delaware River Camden, New Jersey	Ben Franklin Bridge Survey Location
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SEAL	1 of 1
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Ben Franklin Bridge Clearance Summary

PPW39

PPW49

PPW59

PPW71

Reference	West Nav Light (red)		Center Nav Light (green)		East Nav Light (red)		Pt. @ 462' East of Center Nav Light	
	MHW (ft)	MHHW (ft)	MHW (ft)	MHHW (ft)	MHW (ft)	MHHW (ft)	MHW (ft)	MHHW (ft)
Without Platform (true clearance)	128.64	128.24	134.39	133.99	138.53	138.13	141.9	141.5
With Platform (27" clearance reduction)	126.39	125.99	132.14	131.74	136.28	135.88	139.65	139.25
With Platform (36" clearance reduction during outages)	125.64	125.24	131.39	130.99	135.53	135.13	138.9	138.5

MHHW: Mean Higher High Water (Elev. 0.00)

MHW: Mean High Water (Elev. -0.40)

NAVD88: North American Vertical Datum 1988 (Elev. -3.59)