



**TOWN OF BRUNSWICK**  
**DOWNTOWN BRUNSWICK AND OUTER PLEASANT**  
**STREET CORRIDOR**  
**MASTER PLAN IMPLEMENTATION COMMITTEE**  
85 UNION STREET, BRUNSWICK, ME 04011

**Margo Knight**, Chair  
*Citizen-at-Large*

**John Perreault**, Vice Chair  
*Councilor – District 4*

**Jane Millett**  
*Councilor – District 6*

**Paul Dostie**  
*Resident - Downtown*

**Vacant**  
*Creative Economy/Non-profit*

**Jacqueline Ellis**  
*Citizen at Large*

**Debora King**  
*BDA Member*

**Toby Tarpinian**  
*Business Owner - Downtown*

**Kathy Wilson**  
*Resident – Pleasant Street*

**Vacant**  
*Business Owner – Pleasant Street*

**MEETING AGENDA**  
**MONDAY, NOVEMBER 10, 2014**  
**6:30 PM**  
**TOWN HALL, COUNCIL CHAMBERS**  
**85 UNION STREET**

- 1. Introductions/Public Comment**
- 2. Acceptance of 9/22/14 Meeting Summaries**
- 3. Topic Discussions/Project Updates**
  - a. Town Zoning Ordinance Rewrite Update**
  - b. Raised Crosswalk Pedestrian and Driver Intercept Survey Conducted 9/20/14 Update**
  - c. Federal Street Sharrow Workshop Scheduling w/BBPAC**
  - d. Scheduling Update to Town Council (January 2015)**
  - e. Other Projects**
- 4. Subcommittee Reports**
  - a. Visual Quality**
- 5. Next Meeting To Dos/Agenda**
  - a. December meeting date/Retreat?**



**TOWN OF BRUNSWICK**  
**DOWNTOWN BRUNSWICK AND OUTER PLEASANT STREET CORRIDOR**  
**MASTER PLAN IMPLEMENTATION COMMITTEE**  
85 UNION STREET, BRUNSWICK, ME 04011

**MEETING SUMMARY**  
**MONDAY, SEPTEMBER 22, 2014**

**Margo Knight**, Chair  
*Citizen at Large*

**John Perreault**, Vice Chair  
*Councilor – District 4*

**Jane Millett**  
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- 1. Introductions/Public Comment** – No public comment received.
- 2. Acceptance of 5/14/14 AND 8/11/14 Meeting Summaries** – Accepted.
- 3. Zoning Ordinance Rewrite Update** – Staff provided an update on the zoning ordinance update process and meeting schedule. NO comments from Committee members.
- 4. Intercept Survey on Raised Crosswalk** – Staff presented preliminary results of the Intercept Survey conducted on 9/20 between 1:00-3:00 PM by 10 Bowdoin students as one of their Common Good Day projects. The brief surveys were administered to pedestrians after using one of four crosswalks (2 flat, 2 raised) and drivers after parking their vehicles between the raised crosswalk locations. Additional analysis will be conducted by staff for next MPIC meeting. Chair Knight expressed her desire to repeat the survey with varying times, depending upon staff/volunteer availability.
- 5. Federal Street Sharrow/Bike Lane** – At the request of Town Council this item was given back to MPIC for further input. Bike and Pedestrian Advisory Committee co-chair Rich Cromwell, requested a joint neighborhood workshop be held with BBPAC doing abutter notification for those affected by the placement of a combination sharrow and dedicated bike lane. It was agreed that the workshop would be scheduled at a later date.
- 6. Subcommittee Reports**
  - a. Visual Quality Subcommittee** report given by Deb King, Chair. Report attached.

**Present:** Margo Knight, Chair; John Perreault, Vice Chair; Jane Millett; Paul Dostie; Toby Tarpinian; Kathy Wilson; Deb King; Jaki Ellis; Anna Breinich, Committee Staff

**Attendees:** Richard Cromwell, BBPAC

**Driver Questionnaire**

1. Are you a current resident of the town of Brunswick?

- Yes       Yes, I attend Bowdoin College       No, I am visiting

2. How fast did you drive on Maine Street today?

- 0-15mph (heavy traffic)       16-25 (regular traffic)       26-35 (no traffic)       35≤

3. **Please check the box that reflects how each feature of the crosswalk contributed your awareness of pedestrians. Please add any other crosswalk feature that is not included in the chart below that contributed to your awareness of pedestrians crossing Maine Street.**

1= "this feature did not contribute to my awareness of pedestrian crossing"

5= "this feature greatly contributed to my awareness of pedestrian crossing"

Crosswalk Feature	1	2	3	4	5
White lines draw on road					
Raised ground					
Yellow reflective pedestrian sign					
Width of cross walk					
Other : _____					

4. Do you like the raised crosswalks on Maine Street?

- Yes       No       No preference

If no, what would you change about them?

- more gradual slope
- a straight crosswalk rather than the current diagonal crosswalk
- return raised crosswalks to flat crosswalks
- Other (please explain): \_\_\_\_\_

5. What is your gender?

- Male       Female       Other (please specify): \_\_\_\_\_       I'd prefer not to answer

6. How old are you?

- 15-18       19-39       40-69       70≤

**[For Administrative Use ONLY]**

Notes/Observations:

The *Town of Brunswick*, would like to THANK YOU for participating in this survey!

**Pedestrian Questionnaire: Survey #1**

1. Are you a current resident of the town of Brunswick?

- Yes       Yes, I attend Bowdoin College       No, I am visiting.

2. Please answer the following questions based off of your ***experience today***. **On a scale of 1 to 5 how comfortable did you feel walking across the street right now?**

1= "I was not comfortable walking across the street"

5= "I was completely comfortable crossing the street"

1                      2                      3                      4                      5

Comments:

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3. Please check the box that reflects how each feature of the crosswalk contributed to your comfort while crossing the street. Please add any other crosswalk feature that is not included in the chart below that contributed to your comfort while crossing the street.

1= "this feature did not contribute to my comfort while crossing the street"

5= "this feature greatly contributed to my comfort while crossing the street"

Crosswalk Feature	1	2	3	4	5
White lines draw on road					
Raised ground					
Yellow reflective pedestrian sign					
Width of cross walk					
Other :					

4. What is your gender?

- Male       Female       Other (please specify): \_\_\_\_\_       I'd prefer not to answer

5. How old are you?

- 0-18       19-39       40-69       70≤

6. Do you have any physical condition that affects your ability to walk?

- Yes       No

The *Town of Brunswick* would like to  
THANK YOU for completing this survey!

**[For Administered Use ONLY]**

Observations:



**Pedestrian Questionnaire: Survey #3**

1. Are you a current resident of the town of Brunswick?

- Yes       Yes, I attend Bowdoin College       No, I am visiting.

2. Please answer the following questions based off of your ***experience today***. **On a scale of 1 to 5 how comfortable did you feel walking across the street right now?**

1= "I was not comfortable walking across the street"

5= "I was completely comfortable crossing the street"

1                      2                      3                      4                      5

Comments:

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3. Please check the box that reflects how each feature of the crosswalk contributed to your comfort while crossing the street. Please add any other crosswalk feature that is not included in the chart below that contributed to your comfort while crossing the street.

1= "this feature did not contribute to my comfort while crossing the street"

5= "this feature greatly contributed to my comfort while crossing the street"

Crosswalk Feature	1	2	3	4	5
White lines draw on road					
Raised ground					
Yellow reflective pedestrian sign					
Width of cross walk					
Other :					

4. What is your gender?

- Male       Female       Other (please specify): \_\_\_\_\_       I'd prefer not to answer

5. How old are you?

- 0-18       19-39       40-69       70≤

6. Do you have any physical condition that affects your ability to walk?

- Yes       No

The *Town of Brunswick* would like to  
**THANK YOU** for completing this survey!

**[For Administered Use ONLY]**

Observations:

# Crosswalks – Pedestrian Questionnaire Analysis

## Survey # 1 – raised crosswalk between Lincoln and Bank Streets

62% of responses were either very comfortable or completely comfortable crossing the street. 8% were not comfortable crossing street.

- 88% felt that white lines in raised crosswalk greatly or significantly contributed to comfort while crossing street.
- 54% felt that raised pavement greatly or significantly contributed to comfort while crossing street. 33% felt that raised pavement did not nor did little to comfort them while crossing street.
- 42% felt that yellow reflective sign greatly or significantly contributed to comfort while crossing street. 50% felt that yellow sign did not nor did little to comfort them while crossing street.
- 67% felt that width of cross walk greatly or significantly contributed to comfort while crossing street. 17% felt that width of crosswalk did not nor did little to comfort them while crossing street.

## Survey # 3 – raised crosswalk between Cumberland and Center Streets

86% of responses were either very comfortable or completely comfortable crossing the street  
3% were not comfortable crossing street.

- 79% felt that white lines in raised crosswalk greatly or significantly contributed to comfort while crossing street. 3% felt that white lines did not nor did little to comfort them while crossing street.
- 50% felt that raised pavement greatly or significantly contributed to comfort while crossing street. 23% felt that raised pavement did not comfort them while crossing street.
- 47% felt that yellow reflective sign greatly or significantly contributed to comfort while crossing street. 37% felt that yellow sign did not nor did little to comfort them while crossing street.
- 63% felt that width of crosswalk greatly or significantly contributed to comfort while crossing street. 17% felt that width of crosswalk did not nor did little to comfort them while crossing street.

### Survey # 2 – flat crosswalk in front of Bank of America

68% of responses were either very comfortable or completely comfortable crossing the street  
5% were not comfortable crossing street.

- 85% felt that white lines in raised crosswalk greatly or significantly contributed to comfort while crossing street. 5% felt that white lines did not nor did little to comfort them while crossing street.
- 47% felt that yellow reflective sign greatly or significantly contributed to comfort while crossing street. 21% felt that yellow sign did not nor did little to comfort them while crossing street.
- 73% felt that width of crosswalk greatly or significantly contributed to comfort while crossing street. 5% felt that width of crosswalk did not nor did little to comfort them while crossing street.

### Survey # 4 – flat crosswalk in front of Bank of Maine

18% of responses were either very comfortable or completely comfortable crossing the street  
59% were either not comfortable or had some discomfort crossing street.

- 82% felt that white lines in raised crosswalk greatly or significantly contributed to comfort while crossing street. No one felt that white lines did not comfort them while crossing street.
- 100% felt that yellow sign did not comfort them while crossing street.
- 77% felt that width of crosswalk greatly or significantly contributed to comfort while crossing street. No one felt that width of crosswalk did not to comfort them while crossing street.
- 77% felt that light above crosswalk signaling to drivers did not to comfort them while crossing street.

### General Conclusions

- 74% of responses for RAISED crosswalks were either very comfortable or completely comfortable crossing the street. Interestingly, only 52% felt that raised pavement greatly or significantly contributed to comfort while crossing.
- Conversely, 43% of responses for FLAT crosswalks were either very comfortable or completely comfortable crossing the street.
- 84% of ALL responses felt that white lines in raised crosswalk greatly or significantly contributed to comfort while crossing street.
- 44.5% of responses for RAISED crosswalks felt that yellow reflective sign greatly or significantly contributed to comfort while crossing street.
- 23.5% of responses for FLAT crosswalks felt that yellow reflective sign greatly or significantly contributed to comfort while crossing street.
- 65% of responses for RAISED crosswalks felt that width of crosswalk greatly or significantly contributed to comfort while crossing street.
- 75% of responses for FLAT crosswalks felt that width of crosswalk greatly or significantly contributed to comfort while crossing street.
- Overall, the data suggests that pedestrians feel more comfortable on raised crosswalks. But the data does not provide a conclusive answer for *why* they feel more comfortable.

- Given the responses to Survey #4, one can infer that the location of a crosswalk – regardless of whether it's raised or not – impacts the pedestrian's level of comfort.