CITY OF PORTSMOUTH
DEPARTMENT OF PUBLIC WORKS (DPW)
FLAGGING RULES AND PROCEDURES

No entity shall perform any construction or excavation, or otherwise take any action, which would hinder the free passage of vehicles or pedestrians on any street or right-of-way in the City of Portsmouth, except pursuant to a permit to be issued in advance by the Director of Public Works or a designee.

1.0 Flagging Permit Application Process:

1.1 The applicant shall apply for a permit online through the City’s permitting center at: https://portsmouthnh.viewpointcloud.com

1.2 An application must be made no less than five (5) business days prior to the commencement of work (weekends and holidays excluded). The permit fee is $25.00.

1.3 An expedited application can be requested. The review time is three (3) business days. The permit fee is $50.00. The applicant must specify online that the application is to be expedited.

1.4 Applicant must upload the MUTCD Typical Application(s) to be followed at site.

1.5 The permit will be approved and printed through the City’s permitting center at: https://portsmouthnh.viewpointcloud.com

1.6 Permit and MUTCD Typical Application(s) must be on the job site at all times and available for inspection.

2.0 Use of Certified Flaggers:

2.1 A list of certified flaggers, approved by the Director, will be on file at the Department of Public Works. Any person or company desiring to provide certified flagging services on projects within the City shall present certification to the Parking & Transportation Engineer, and provide periodic updates as required to maintain eligibility.

2.2 All contractors are invited to take advantage of the City’s low bid for flagging services. City pricing will be honored for anyone performing work within the City.

3.0 Use of Uniformed Officers:

3.1 A uniformed officer may be required whenever the Director of Public Works and/or the Police Chief deem circumstances exist that create a public safety concern. In addition, work on the following streets require the use of a Portsmouth Police Officer:
• Borthwick Ave.
• Grafton Dr.
• Greenland Rd.
• Interstate 95 (if not covered by NH State Police)
• International Dr.
• Islington St.
• Lafayette Rd.
• Maplewood Ave.
• Market Street from Woodbury Ave. to Deer St.
• Middle St.
• New Hampshire Ave.
• Ocean Rd.
• Pease Blvd.
• Woodbury Ave.
• Downtown compact streets:
  between Court St., Deer St., Maplewood Ave. and the Piscataqua River boundary.

4.0 Emergency Work:

4.1 Nothing in these procedures shall be construed to prevent emergency work for the preservation of life or property, for the location of trouble in conduit or pipe, or for making repairs to said conduit or pipe. However, the contractor making such repairs shall apply to the Director of Public Works for a flagging permit on the first business day after such emergency work commences. A permit after the fact will be issued.

4.2 The contractor engaged in emergency work is solely responsible for the safety of vehicles and pedestrians in the work zone. The contractor is encouraged to use certified flaggers or a uniformed officer as the Director would recommend during a non-emergency situation. The contractor is required to proceed with caution in determining flagging requirements for emergency work. If their judgment is not sound, the contractor may lose privileges to perform future work within the City.

5.0 MUTCD Typical Application(s):

5.1 Link to Typical Applications is located on the City’s web page here: https://www.cityofportsmouth.com/publicworks/permits-applications

IT IS THE SOLE RESPONSIBILITY OF THE APPLICANT TO SCHEDULE ALL FLAGGING SERVICES AND/OR POLICE DETAILS.

• Police Details: (603) 610-7412 or (603) 610-7413
• Project Flagging Inc: (603) 622-9302

Please contact the following City staff for questions:
Michael Finn, Dispatcher
Department of Public Works
Email: mpfinn@cityofportsmouth.com
Office Phone: (603) 427-1530
3" x 5" Cast Aluminum Cap
Scale: Full Size
Aluminum Cap

The 4 angled cap corners will have a minimum radius. The posts are rectangular extrusions - no corner radius.
3" x 5" Rectangular Aluminum Tube (.125" Wall)

P/L

1.5"

3.75"

33.13"

5"

3"

0.25'

.25" Radius

3" x 5" C
Scale: Full Size

Park 5 Cap
6" x 6" Cast Aluminum Cap

Scale: Full Size
The 4 angled cap corners will have a minimum radius. The posts are square extrusions - no corner radius.

6" x 6" Cast Aluminum Cap
Scale: Full Size

Park 8 Cap
5" x 5" Cast Aluminum Cap

NOTES:
1) ALL EXPOSED HARDWARE SHALL BE TAMPER RESISTANT FASTENERS.

5" x 5" Square Aluminum Tube (.125" Wall)
The 4 angled cap corners will have a minimum radius. The posts are square extrusions - no corner radius.

5'' x 5'' Cast Aluminum Cap
Scale: Full Size
NOTES:
1.) ALL EXPOSED HARDWARE SHALL BE TAMPER RESISTANT FASTENERS.
2.) ALL WELDS SHALL BE GROUND SMOOTH, PAINT ALL SEAMS.
3.) MOUNTING AND PLACEMENT TO BE DETERMINED UPON RECEIPT OF LED DISPLAY UNIT.

DESIGNED per IBC - 2009 and adoptions 
made by the State of New Hampshire
State Building Code Review Board

SNOW LOADS:
Ground Snow Load........Pg: 59 psf
Snow Exposure Factor........Ce: 1.0
Snow Load Imp. ..............Ia: 1.1
Thermal Factor..............O: 1.0

WIND LOADS:
Basic Wind No. ..............100 mph
Wind Importance Factor........I: 1.15
Wind Exposure ..............C
ASCE Force Coefficient...........1.8
Gust Factor ..............0.85

Exterior Components designed in accordance with applicable provisions 
of the ASCE 7-10
**TOP PLATE DETAIL**

- Ø 3/8" ALUM. ANGULAR CHANNEL
- 1/4" ALUM. TOP PLATE MECHANICALLY FASTENED TO ALG CHANNEL, AND BOTTOM PLATE W/ 3/8"x16 S.S. X H. BOLTS W/ LOCK WASHER

**BOTTOM PLATE DETAIL**

- 5/8" S.S. NUT WELDED TO BOTTOM OF ALUM. PLATE & MOUNTING POINTS

**Specifications**

- Designed per IBC - 2009 and adopted rules made by the State of New Hampshire State Building Code Review Board

**Snow Loads**
- Ground Snow Load: 0.50 psf
- Snow Exposure Factor: 0.8
- Snow Load Importance: 1.0
- Thermal Factor: 1.0

**Wind Loads**
- Basic Wind Speed: 100 mph
- Wind Importance Factor: 1.0
- Wind Exposure: C
- ASCE Force Coef: 0.8
- Gust Factor: 0.85

**Location**
- Portsmouth, NH

**Code**
- 14583

**Type**
- C

**Project Title**
- CITY OF PORTSMOUTH WAYFINDING

**Date**
- 05/16/14

**Architect**
- D. PLANTE

**Lead Designer**
- MPK/OPK

**Project Manager**
- D. BLANTON

**General Specifications**
- Interior
- Exterior
- Single Faced
- Double Faced
- Non-Elevated
- Insulated
- 120 Volt
- Amps: 3

**Location**
- Portsmouth, NH

**Wind Speed**
- 120 mph
Designed per IBC - 2009 and adoption made by the State of New Hampshire State Building Code Review Board

Snow Loads:
Ground Snow Load: 50 psf
Snow Exposure Factor: C2 = 1.0
Snow Load Importance: Ia = 1.1
Thermal Factor: C3 = 1.0

Wind Loads:
Basic Wind Speed: 100 mph
Wind Importance Factor: I = 1.15
Wind Exposure: C = 1.0
ASCE Force Coef: C1 = 1.8
Gust Factor: C2 = 0.85

Exterior Components designed in accordance with applicable provisions of the ASCE 7-10.
NOTES:

1.) PLACEMENT OF MONITORS & ROUTED OPENINGS TO BE DETERMINED UPON RECEIPT OF LED DISPLAY UNIT.

ALUM. TOP FIN DETAIL

1/8" ALUM. FACE BEYOND TO BACK OF 1/8" ALUM. FACE

Designed per IBC - 2009 and additions made by the City of New Hampshire State Building Code Review Board

Snow Loads:
- Ground Snow Load............Pg-50 psf
- Snow Exposure Factor...C=1.0
- Snow Load Importance...I=1.1
- Thermal Factor..................C=1.0

Wind Loads:
- Basic Wind Speed.............100 mph
- Wind Exposure Factor............1.15
- ASCE Force Coef.................1.8
- Gust Factor......................R.85

Exterior Components designed in accordance with applicable provisions of the ASCE 7-10

1/8" ALUM. FACE

ROUTERS OPENING FOR WATCHFIRE MESSAGE CENTER
- EXACT MOUNTING TO BE DETERMINED UPON RECEIPT OF LED DISPLAY UNIT

ALUM. FACE DETAIL

1/8" ALUM. BLADE VERSLOKED TO BACK OF 1/8" ALUM. FACE

T - 0 1/2" RADIUS

T - 0 1/2" RADIUS

2 - 4 15/16" 2 - 0" 4 1/8" 4 1/8" LED DISPLAY OPENING

LED DISPLAY OPENING

5 1/4" RADIUS

3 - 0 7/16"
Front View: KIOSK.2a-2c
SCALE: 1/2" = 1'-0"

1. Fabricator to verify the mounting conditions and provide a detail drawing for each mounting situation, prior to fabrication. Fabricator must obtain approval from the Designer or Client for placement prior to fabrication.
2. Welds: All welds shall be ground smooth, paint all seams.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. All exposed edges painted to match adjacent face.

Existing Kiosk in Grey
Retrofit and verify all dimensions in field prior to fabrication

Top View: KIOSK.2a-2b
SCALE: 1/2" = 1'-0"

18. MAP GRAPHIC PANEL
PRODUCT NAME: iZone, 2526 Charter Oak Drive, Suite 208, Temple, Texas 76502 (888) 464-9663, www.izoneimaging.com
PRODUCT: Digital high pressure phenolic laminate (HPL)
GRAPHIC APPROVAL PROCESS: Submit 12x12" sample section of typical project panel for image and color quality approval.
WARRANTY PERIOD: Ten (10) years from product ship date.
THICKNESS: 1/4 inch
FINISH: Satin, including UV inhibiting top layer.
FASTENER: Tamper resistant mechanically fastened to center panel, at 6 locations. Map panel fits within frame area, minimal double-face tape across back to stop bowing of panel.
QTY (2)

50. GRAPHIC PANEL
MATERIAL: 1/8" thick Aluminum sheet, with 1" square Aluminum frame.
FABRICATION PROCESS: Router Cut, Saw Cut, Plug and stitch-welds.
EDGES: Square, Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Tamper resistant mechanically fastened to post as required.
QTY - 8 SIDES

52. DECORATIVE TOP BRACKET
MATERIAL: Aluminum bar - 1" wide x 0.5" wall
FABRICATION PROCESS: Router Cut, Rolled, Brake-formed
EDGES: Square, Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Welded bracket to Mounting Plate. Tamper resistant mechanically fastened to Existing Kiosk Structure, as required.
Note: Inner core sandwiched between Graphic Panels.

Information Panels - Qty 2 - Sandwich and mechanically fastened to inner core

Side View: KIOSK.2a-2b
SCALE: 1 1/2" = 1'-0"

53. DIMENSIONAL LETTERFORMS
QTY (2) SETS FRONT AND BACK

54. DECORATIVE TOP BRACKET
MATERIAL: Aluminum bar - 1" wide x 0.5" wall
FABRICATION PROCESS: Router Cut, Rolled, Brake-formed
EDGES: Square, Smooth
COLOR: custom, as noted
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Tamper resistant mechanically fastened to Existing Kiosk Structure, as required.

60. GRAPHIC BAND WRAP
MATERIAL: 1/4" thick Aluminum sheet, with 1" square Aluminum frame.
FABRICATION PROCESS: Router Cut, Saw Cut, Plug and stitch-welds.
EDGES: Square, Smooth
SURFACE PROCESS: Paint all exposed surfaces with Matthews Acrylic Polyurethane, with clear coat satin finish.
FASTENER: Hidden - pin mount
QTY (2)

ENVIRONMENTS & EXPERIENCES

1. All exposed edges painted to match adjacent face.
2. Welds: All welds shall be ground smooth, paint all seams.
3. Hardware: All exposed hardware shall be tamper proof fasteners.
4. All exposed edges painted to match adjacent face.

NOTES

Specifications
SIGN TYPE: KIOSK.2
FUNCTION: Market Square Kiosk

Photorendering