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To: Jean Fraser <JF@portlandmaine.gov>
CC: "Jonathan Culley (jonathan@redfernproperties.com)" <jonathan@redfernprop...>
Date: 2/26/2014 4:45 PM
Subject: Walnut Street Crosswalk Draft Plan
Attachments: WalnutStreet_Crosswalk_Draft_2-26-14.pdf

Hi Jean,

Attached is a draft crosswalk plan that outlines two potential Walnut Street crosswalk locations. To develop the plan I have overlaid the civil drawings and existing conditions plan over a high resolution aerial from 2012. I believe this adequately portrays the existing and proposed conditions in a user friendly manner.

? Crosswalk location 1 would reuse the existing ramp at the intersection of Walnut and Sheridan, perpendicularly cross Walnut St to a new ramp that would tie into the existing brick sidewalk.

? Crosswalk location 2 would require two new ramps. One ramp would tie into the existing concrete sidewalk the other into the rebuilt brick sidewalk.

In my opinion, Crosswalk Location 1 would be the preferred location to facilitate the movement of pedestrians from Sheridan Street into the Woonerf.

Regarding any supporting features for the crosswalk; lights for safe illumination and curb extensions have good intentions but I wonder whether they would achieve the intended purpose. Would flashing lights (like you see on Marginal Way) offer a false sense of security in the winter that a vehicle can come to a stop? Could the flashing lights become a distraction for vehicles traveling along Walnut and reduce their ability to observe passengers entering and existing their vehicles parked on Walnut? Would curb extensions, a raised sidewalk or flush granite delineating the sidewalk become problematic for snow removal operations (e.g. actuating the trip edge and leaving behind snow) in the winter?

Let me know if I can provide any additional information. Call to discuss.

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