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2 **Resolution Relating to**
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RESOLUTION
Sponsor(s): Councilors Dober,
Blais, Berezniak: License Com.

4
5 Introduced: 06/27/11

6 Referred to: _____

7 AUTHORIZATION TO EXECUTE EASEMENT FOR PLACEMENT
8 AND MAINTENANCE OF PERMEABLE INTERLOCKING PAVERS
9 FOR 180-188 BATTERY STREET CONSTRUCTION PROJECT
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Action: _____

Date: _____

Signed by Mayor: _____

CITY OF BURLINGTON

In the year Two Thousand Eleven.....

Resolved by the City Council of the City of Burlington, as follows:

That WHEREAS, Waterfront Plaza, LLC ("Waterfront Plaza") is the successor in interest to Investors Corporation of Vermont ("ICV"), which received zoning and building permits to construct a new four story building, including one level of underground parking and three stories of business use above ground, at 180-188 Battery Street; and

WHEREAS, ICV is constructing and Waterfront Plaza will obtain the interest in permeable interlocking pavers to be placed and maintained on the City's right-of-way on Battery Street in front of its building at 180-188 Battery Street in order to reduce the amount of stormwater runoff to the City sewer system; and

WHEREAS, the City supports the placement of permeable pavers as being in the best interest of its stormwater system, subject to proper maintenance and performance; and

WHEREAS, Waterfront Plaza requires an easement from the City to have the right to place and maintain these pavers in this right-of-way; and

WHEREAS, the easement is subject to Waterfront Plaza's obtaining and complying with the necessary governmental agreements, permits and approvals and protecting the public's use of the right-of-way and protecting the utilities located within this right-of-way;

NOW, THEREFORE, BE IT RESOLVED that the Honorable Mayor Bob Kiss be and hereby is authorized to execute the attached Easement Deed & Agreement, or one substantially in conformance with it, subject to the prior review and approval of the City Attorney:



MEGAN J. MOIR, CPESC, CPSWQ
STORMWATER PLANNING ENGINEER

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FAX 802 863-0466
MMOIR@CI.BURLINGTON.VT.US

Date: June 22, 2011

To: Burlington City Council

From: Megan Moir, DPW Burlington Stormwater Program

Subject: Request for approval to execute contract related to Stormwater and Water Infrastructure Mapping

Memo

Background:

Project need:

Many communities are working to convert their infrastructure maps to Geographic Information System (GIS) database maps. These "smart" maps show the exact location of infrastructure on the ground (see attached example), encode the connectivity of a system (pipe 1 drains to pipe 2), and also have the ability to maintain service records for individual elements of an infrastructure system (the results of storm drain # 150 inspection and cleaning effort for 2012 vs. 2013). Such upgrades have generated efficiencies in tracking metrics and in proactively planning maintenance activities (e.g. if storm drain # 150 is always full of sediment, then it probably needs to be cleaned more often).

While the 1984 paper maps of the sewer (storm drains, manholes, storm lines, outfalls) were digitized (transferred by tracing) into a GIS in the early 1990s, the current database lacks:

- Accurate geo-referencing (points in the layer are not where the point exists on the ground)
- Ability to easily record inspection/maintenance activities and does not contain information necessary for hydraulic/hydrologic modeling
- Systematic updates when changes have been made on the ground to the system (sewer separation in late 80s and various installations and removals of infrastructure)

The Water infrastructure (water valves, hydrants, lines) maps have not yet been digitized and exist only as scanned paper maps.

Project and grant funding history:

The City was awarded and accepted a grant by VTRANS (SW0052) for the study and establishment of a stormwater utility/program for \$80,000 in May 2009. As it turned out, it was more expeditious to launch the program with our own staff time and the City was able to convince VTRANS that a well-functioning GIS system was also critical to the success of the stormwater program. Therefore we were able to amend the original scope of work to include work specific to updating the City's stormwater maps.

Additionally, in late 2010 the City was awarded and accepted grant funding from HUD for the Downtown/Waterfront Development Planning Study led by the Planning & Zoning Department. This grant contains a task specifically related to existing infrastructure analysis, and \$8200 of that grant was budgeted to contribute towards the mapping effort within the downtown/waterfront zone.

Procurement history:

A request for qualifications (RFQ) was released February 11, 2011, with 14 respondents by the March 9, 2011 deadline. Through a qualifications based selection process, Weston & Sampson (of Waterbury, Vermont) was selected as the most qualified consultant and contract negotiations were initiated in late March.

Additional information:

While water infrastructure mapping was not included as part of the original scope for the RFQ, the contractor indicated that data for a water infrastructure mapping effort could be efficiently collected simultaneously with the stormwater infrastructure data (and requires the same qualifications sought in the RFQ), and was thus added as a separate phase under the contract to be paid out of the Water Distribution Capital Funds.

The proposed total contract cost for the base scope of services proposed is \$130,000. A supplemental scope of services has been included to be addressed based on the availability of funding.

The specific tasks and funding sources are proposed below. The contract is currently under review with City Attorney Gene Bergman (see attached draft).

DPW recommended to and received Board of Finance approval on June 20, 2011 to award the contract to Weston & Sampson with the sources of funding outlined below.

Expenses/Source of Funds:

Expenses	Cost
Stormwater System Mapping for City (except Downtown):	\$ 105,910.00
Stormwater System Mapping for Downtown Area	\$ 8,200.00
Water System Mapping:	\$ 15,890.00
Total Expenses	\$ 130,000.00

Source of Funds (Pending Approval of FY12 Budgets)	Amount
Stormwater Special Revenue (within Professional Services - 64990 line item)	\$ 25,910.00
VTRANS Grant SW0052 (through Stormwater)	\$ 80,000.00
HUD Downtown/Waterfront Planning Grant	\$ 8,200.00
Water Distribution Capital Fund	\$ 15,890.00
Total	\$ 130,000.00

The contract is written such that additional elements (in the supplemental scope of services) may be completed under the contract either 1) within the original contract price or 2) if additional City Funds become available, with both situations to be addressed through amendment.

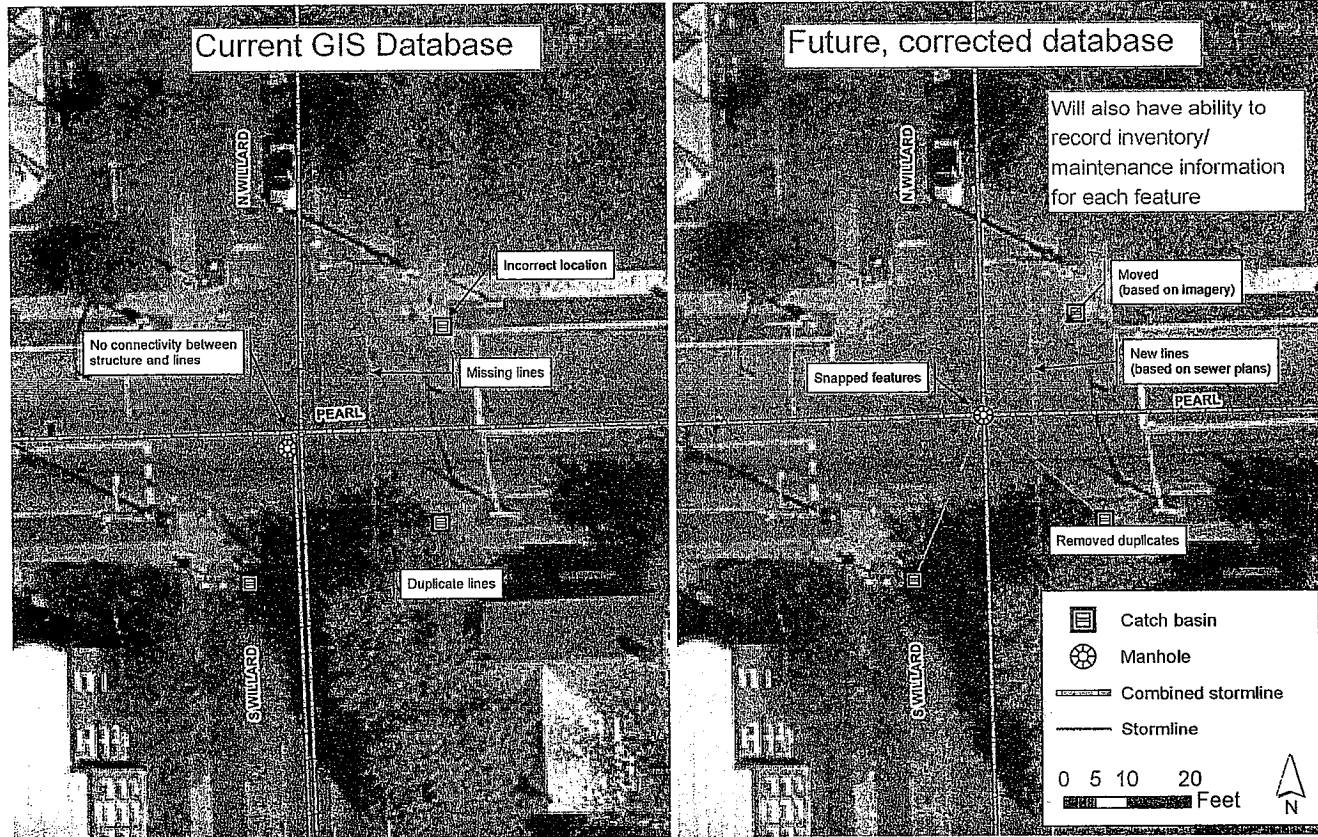
Obligations:

The City local match obligation 20% (\$20,000) for the total VTRANS grant project cost (\$100,000) to which the 80% (\$80,000) VTRANS grant will be applied. These obligations and obligations above the \$100,000 are detailed above. In order to see the project through, the City will also be contributing staff time for coordination and field work. This time will be covered by the Stormwater Special Revenue Funds in the Stormwater to Engineering (72086) line item.

Action Needed:

We respectfully request authorization for Steven Goodkind to sign the contract pending review and approval by the City Attorney's office, the Chief Administrative Officer and the approval of the FY12 Budgets by City Council. Furthermore, we request the authorization for Mr. Goodkind to sign any amendments which do not result in an increase in the total contract cost (i.e. amendments related to adding elements from the supplemental scope). Any amendments involving additional funds above the \$130,000 will be submitted to the Board of Finance and City Council for approval.

If you have any questions or concerns, please contact Megan Moir at mmoir@ci.burlington.vt.us or 863-9094



Attachment 1

