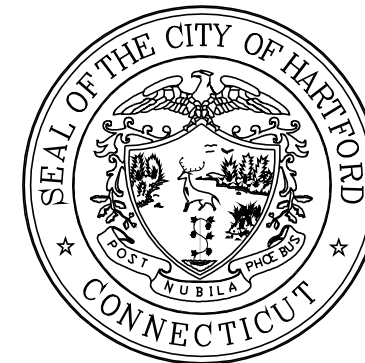


# HARTFORD TRAFFIC CALMING MASTER PLAN

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PREPARED FOR:

THE HONORABLE EDDIE A. PEREZ  
MAYOR

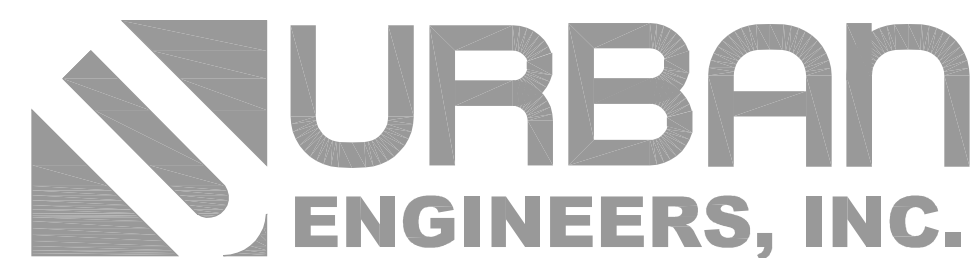


BHUPEN N. PATEL  
DIRECTOR OF PUBLIC WORKS

CITY OF HARTFORD, CONNECTICUT

---

PREPARED BY:



IN ASSOCIATION WITH:

CR3, LLP  
FITZGERALD AND HALLIDAY, INC.  
PATEL ENGINEERING ASSOCIATES, LLC  
WALKABLE COMMUNITIE'S, INC.

JULY 2005

A few words from Urban Engineers,

Development of this master plan was a very ambitious undertaking by the City of Hartford. We know of no other city in the country that has approached traffic calming from a citywide perspective the way Hartford has. Tackling the entire city at one time demonstrates that Hartford's leadership is courageous, innovative and resolved to making Hartford a more livable city. Development of a master plan would not have been possible without the involvement of Hartford residents, community organizations and the business community who participated so vibrantly and energetically by sharing concerns and offering solutions.

The master plan represents a beginning – a first step. Because it is a comprehensive plan for all the city's residential neighborhoods, implementation will take many years. But the good news is that the City has already started experimenting with traffic calming devices and recommendations, even before the final master plan had been published. Hartford's Department of Public Works has re-striped several of the city's major arteries to reduce driver confusion, speed and add a bike lane where there was room, built two trial roundabouts, installed a traffic chicane by changing parking patterns and changed the rush hour one-way reversible lanes on Asylum Avenue to two way traffic– a pattern that had existed since 1958! These changes in Hartford streets are an indication the City does not intend for this plan to gather dust on a shelf. It is fully committed to calm traffic in city neighborhoods.

As you look through the master plan there are several things you should keep in mind.

- ✓ The master plan was developed largely through a community workshop or charrette process. Participants learned about a wide range of tools that can be used to calm traffic and then applied them to conditions in their neighborhoods. Accompanying the master plan is a report that documents the history of the plan's development including a traffic calming primer, neighborhood descriptions and characteristics, charrette minutes, photographs, sketches and other pertinent information that helped mold the plan.
- ✓ The master plan can be a dynamic document. While the plan takes a comprehensive approach to traffic calming, conditions within the City are in constant change. It is expected the plan will provide an approach for slowing traffic that, in time, may evolve into standards that can be transferred to streets that may not have a particular device recommended in the master plan. On streets that are recommended for calming, devices may also be modified to reflect experience gained from earlier deployments. Any changes made, however, should be done with care, so the issue being addressed is not transferred to another street.
- ✓ Not all requests or suggestions made by the stakeholders were included in the master plan. Traffic calming recommendations were evaluated by factors such as whether the cost far outweighed the benefit, if the device was perceived as needed by the majority of stakeholders or whether or not the traffic calming treatment could be practically engineered.
- ✓ Farmington Avenue and a section of Park Street and New Park Avenue underwent an extensive community involvement process before this project began. This resulted in concept plans that complemented the master plan. Therefore, Urban Engineers - with the consent of the affected neighborhoods - "adopted" these concepts into the master plan.
- ✓ Some of the devices shown in the master plan have never been used in Hartford and will take some getting used to when first implemented. Examples include roundabouts, parking chicanes and raised intersections. Education, practice and patience will help overcome the challenge of getting used to these new features that will become a part of Hartford.
- ✓ All the traffic calming devices will not be built at one time. That would be too disruptive and too costly. Rather, building the traffic calming devices is expected to be done as opportunities that will facilitate construction arise, such new development projects, planned major street reconstruction or when special funding becomes available. It is important to point out that street resurfacing only affords opportunities for restriping and does not usually present an opportunity to deploy major improvements.
- ✓ The City of Hartford commonly uses high material standards for street construction. In recognition, materials proposed for the construction of traffic calming devices are consistent with these high standards. Less costly alternative do exist for some of the materials. In such cases, the designer should carefully weigh the cost savings, budget and project scope and character to determine the appropriate construction materials.

For the Urban Engineers, it has been a privilege and an honor for us to have been a part of this project. Now, however, the "baton" must be passed – from Urban Engineers to the City and to the many people who volunteered to help move the plan forward. And so, it is with some sadness that we let go of this project but we do so knowing that it is being handed over to a remarkable group of people who will make certain of its full success.

The Urban Engineers Team  
July 2005

Najib Habesch

John Bertoli

Joseph Rimiller

Phani Allu

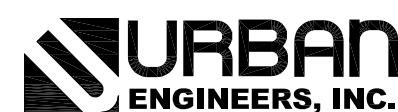
Gary Hath

Chris Correia

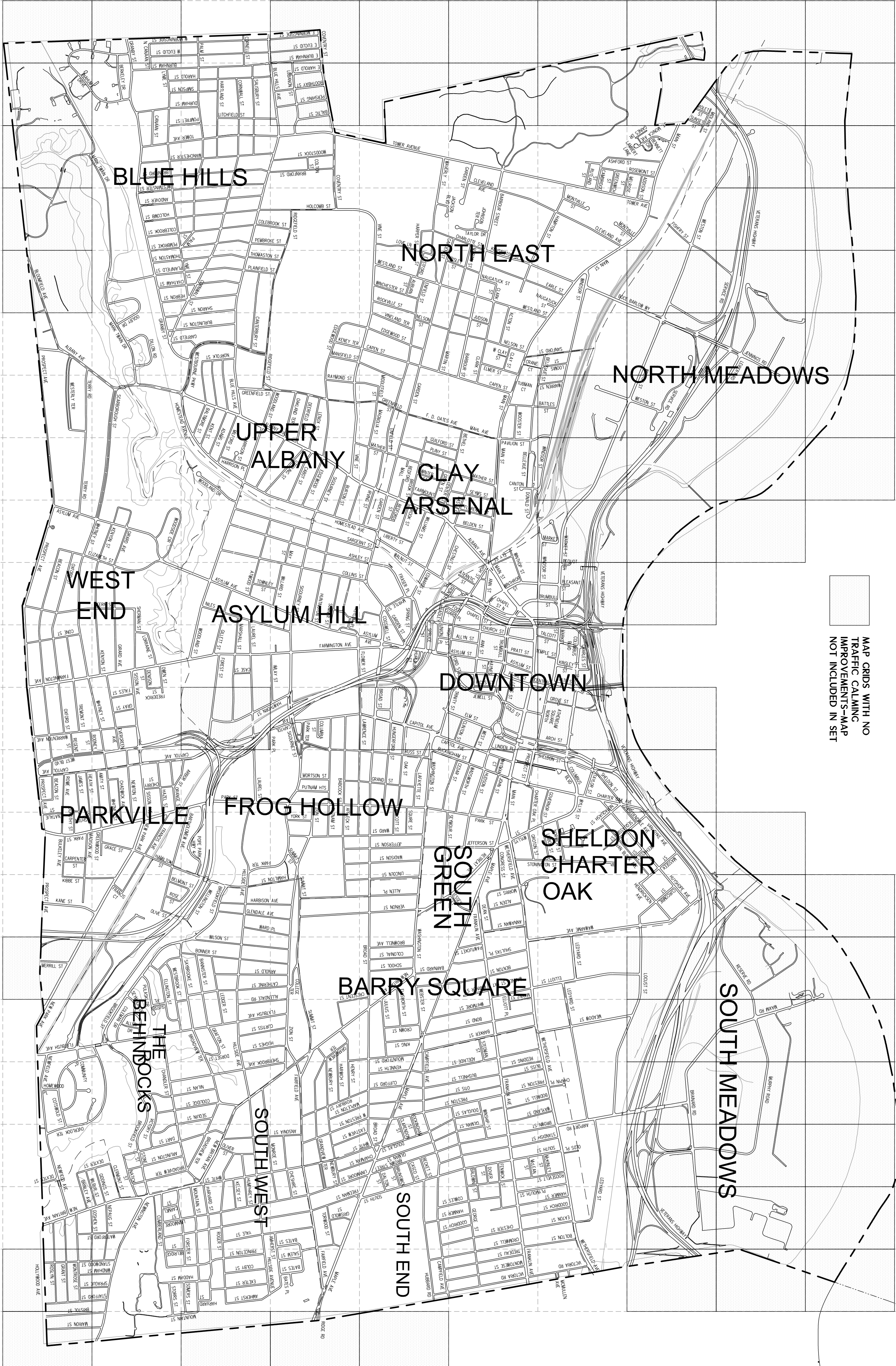
Dan Burden

Jill Barrett

Manu Patel







MAP GRIDS WITH NO  
TRAFFIC CALMING  
IMPROVEMENTS—MAP  
NOT INCLUDED IN SET



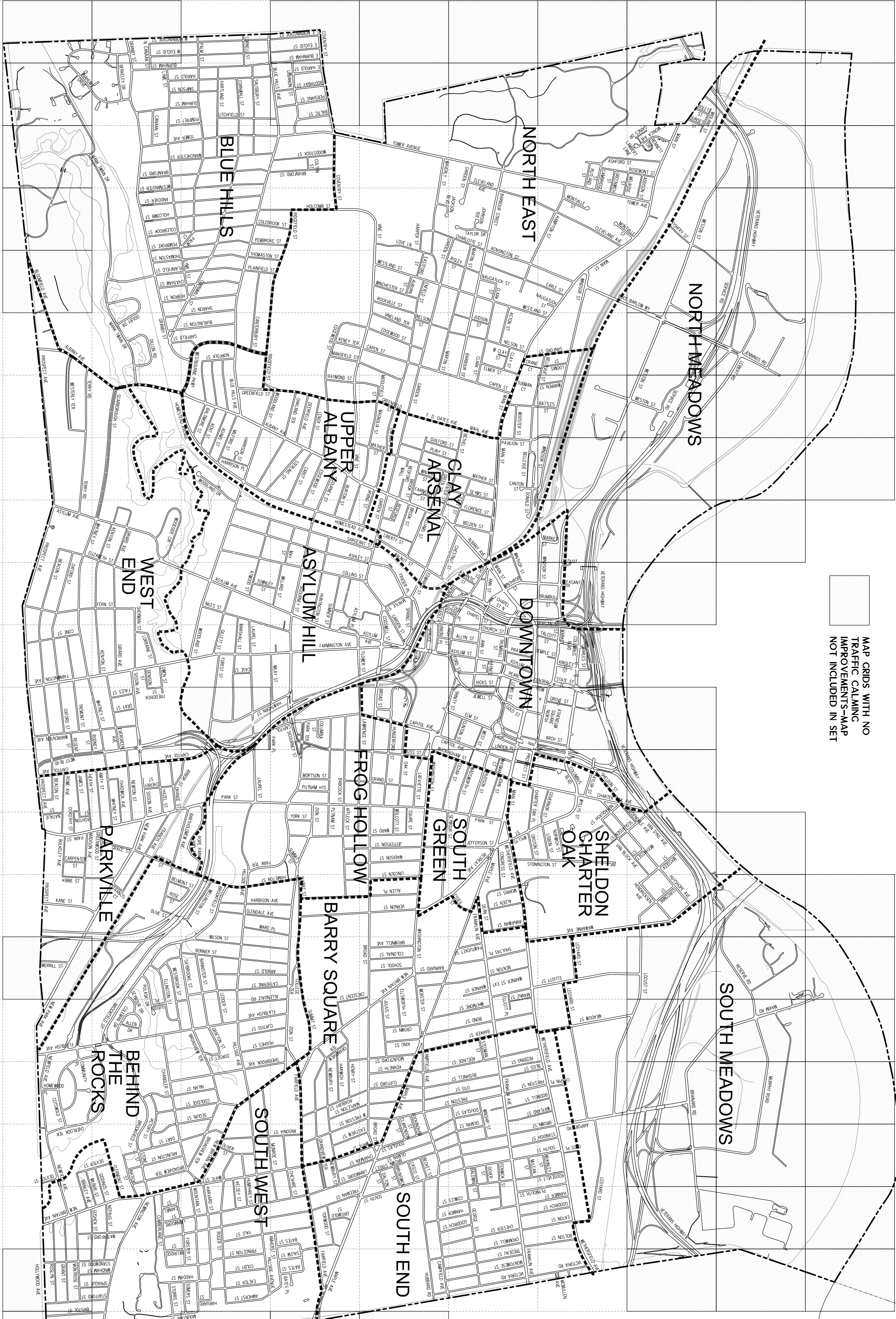
**URBAN**  
ENGINEERS, INC.

KEY MAP  
HARTFORD TRAFFIC CALMING  
KEY 1



JULY 2005





MAP GRIDS WITH NO  
TRAFFIC CALMING  
IMPROVEMENTS—MAP  
NOT INCLUDED IN SET

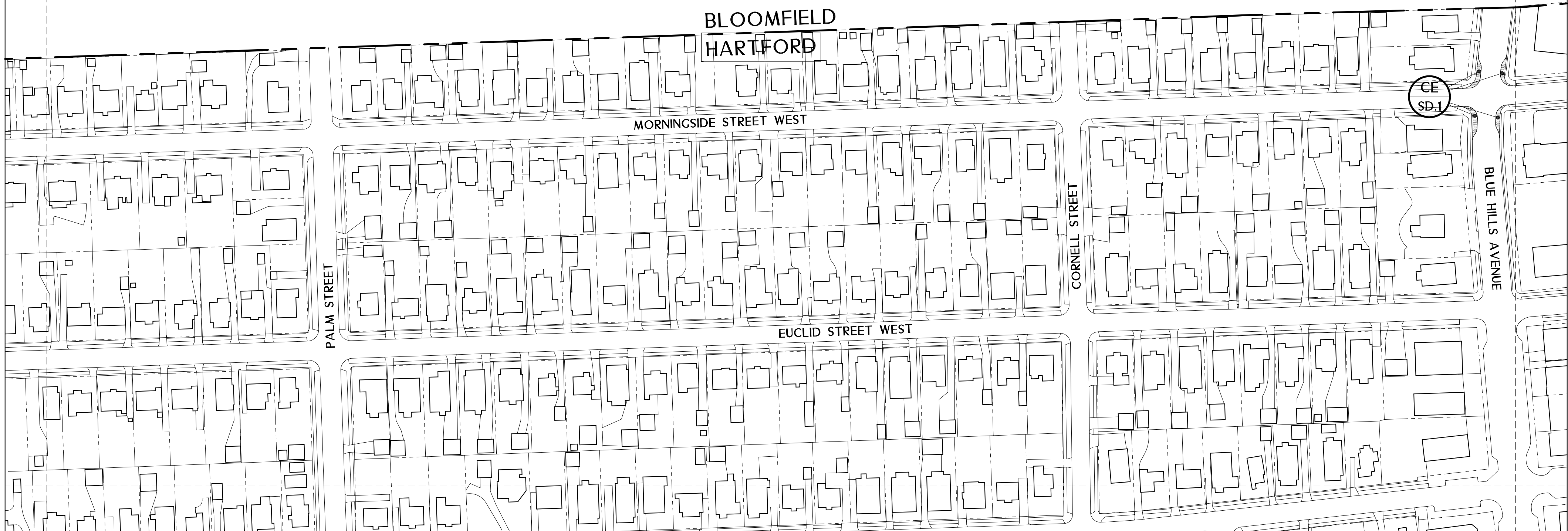


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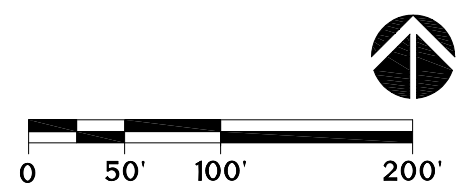
NEIGHBORHOOD MAP  
HARTFORD TRAFFIC CALMING

JULY 2005  
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NBH 1





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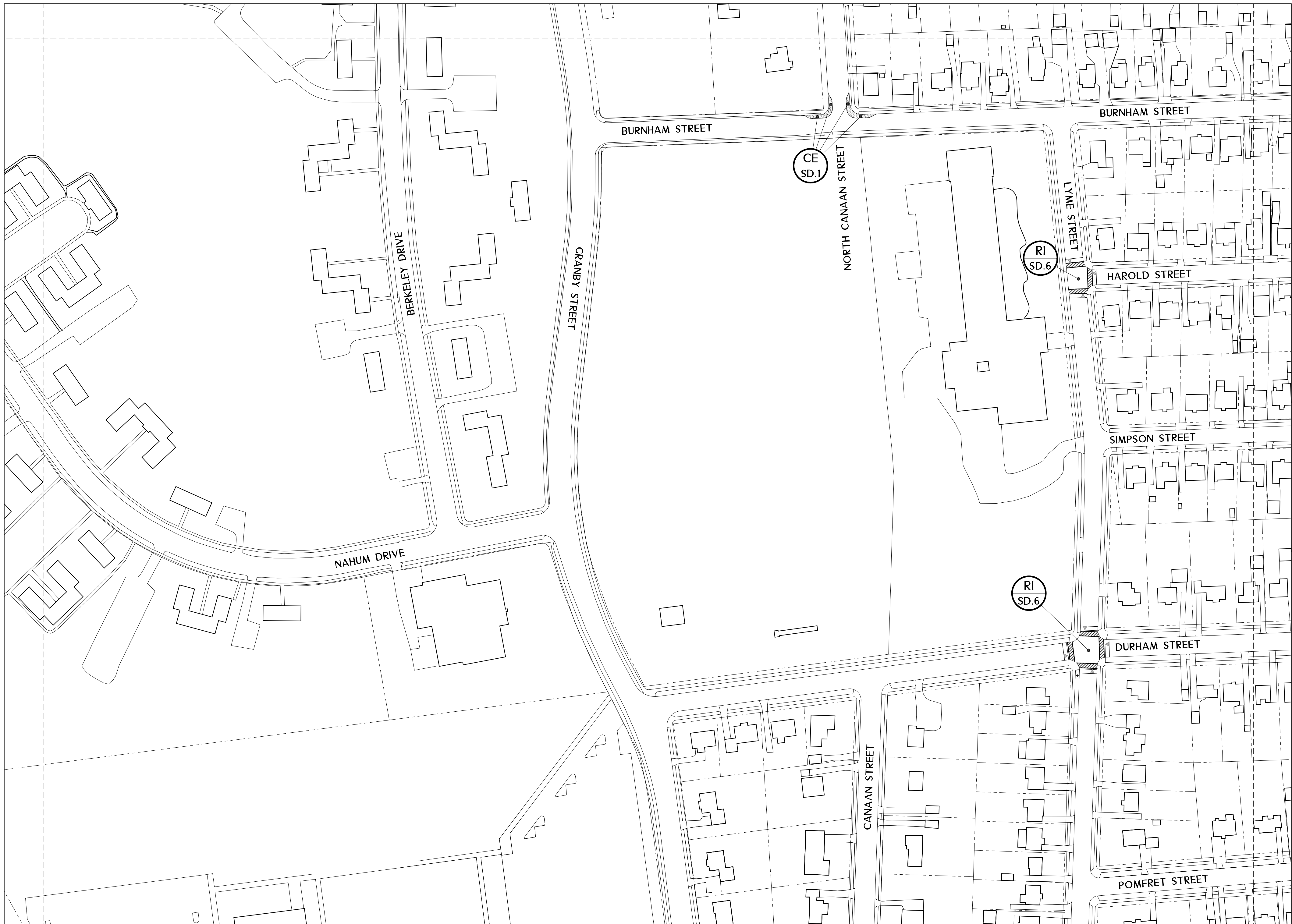
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| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

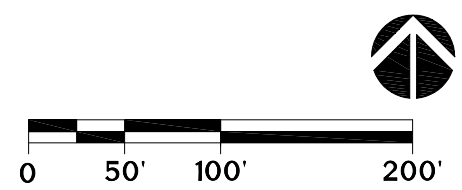
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JULY 2005

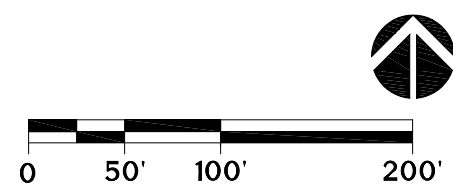
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ENGINEERS, INC.



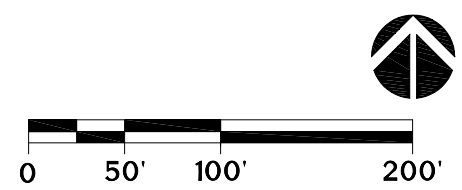
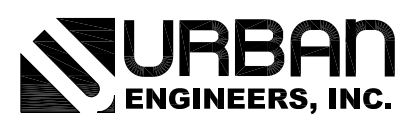
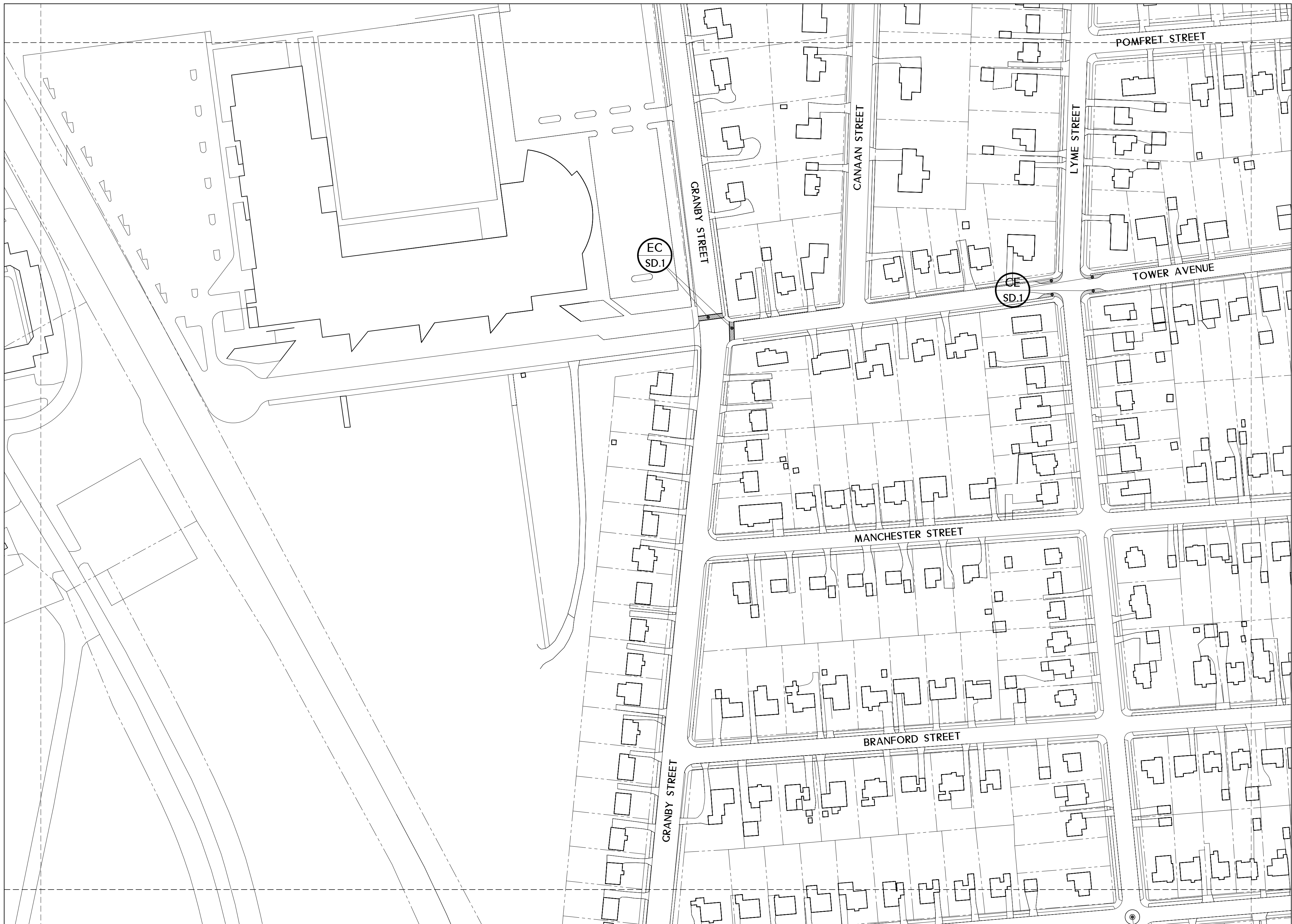
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| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

**B3**



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
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- MI MEDIAN ISLAND
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- RB ROUNDABOUT
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- SC STREET CLOSURE
- ST SPEED TABLE

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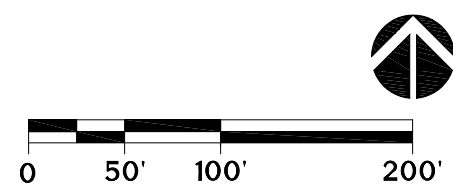
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**URBAN**  
ENGINEERS, INC.



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RB ROUNDABOUT

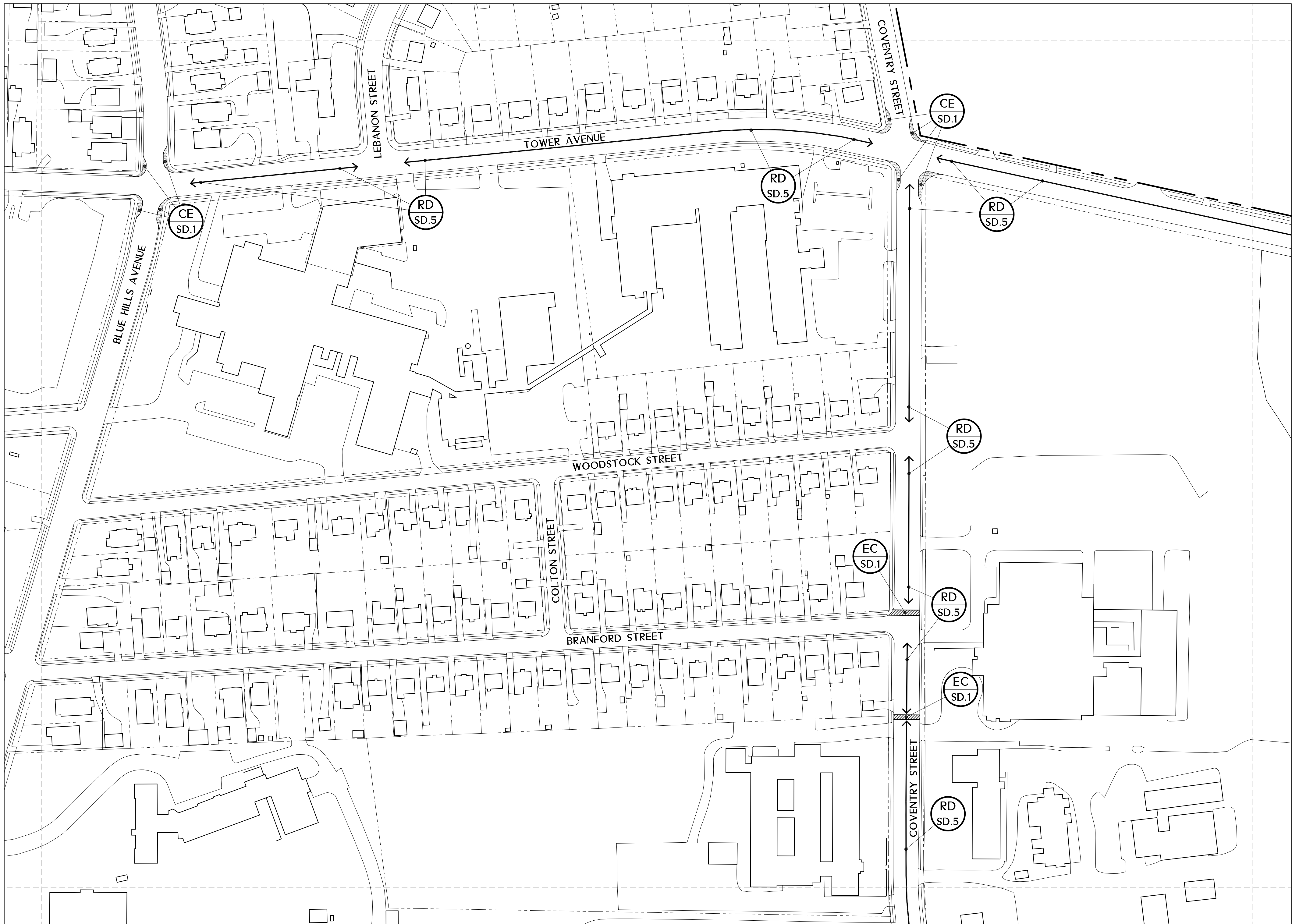
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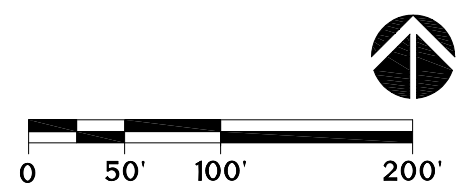
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ENGINEERS, INC.



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| RB ROUNDABOUT               |                        |

**HARTFORD TRAFFIC CALMING**

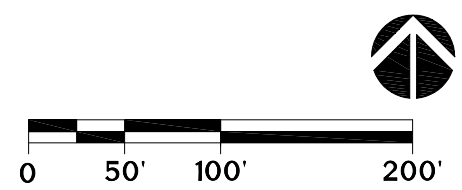
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**URBAN**  
ENGINEERS, INC.



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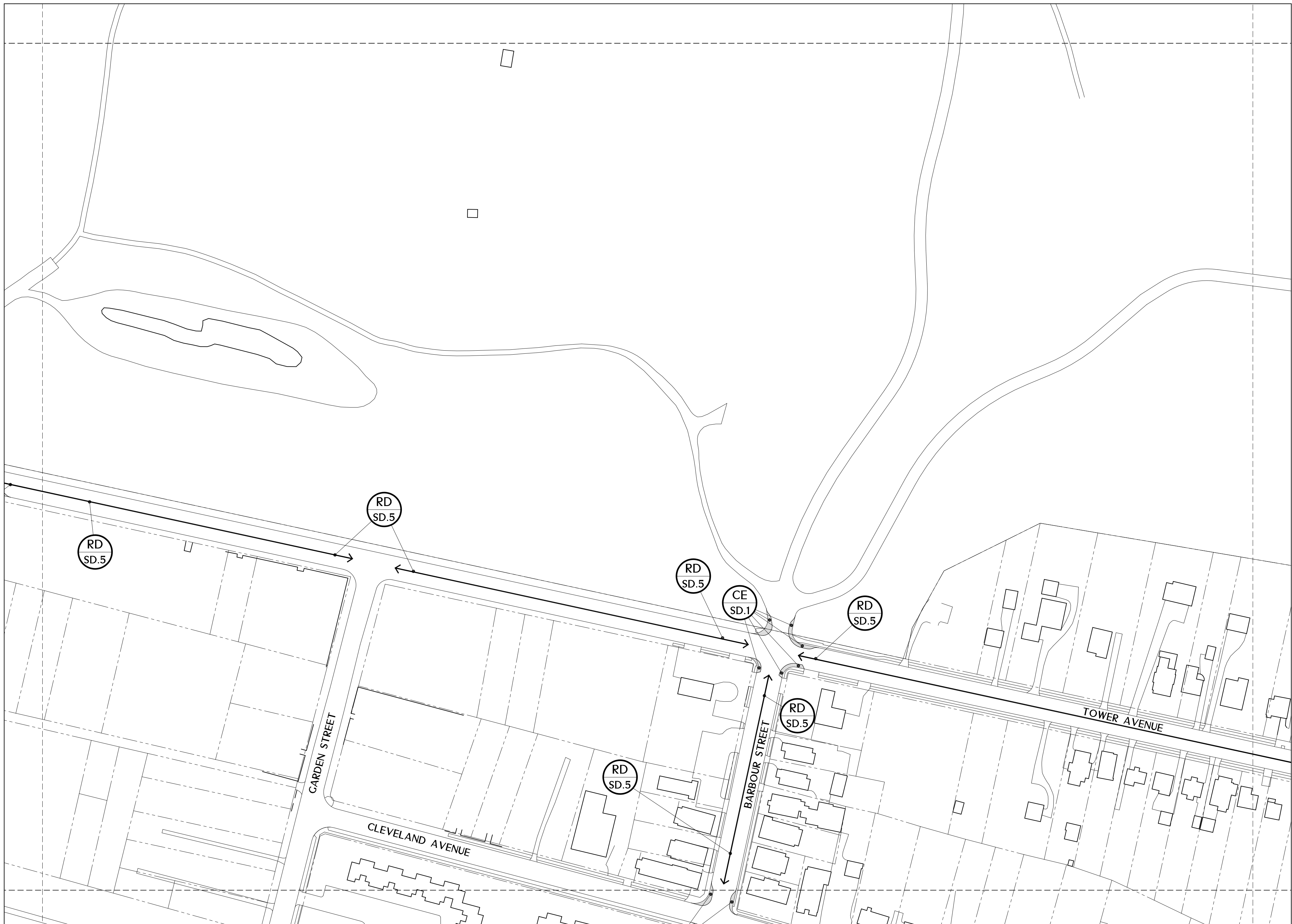
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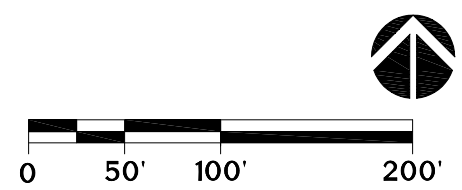
JULY 2005

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C5



**URBAN**  
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- ST SPEED TABLE

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JULY 2005

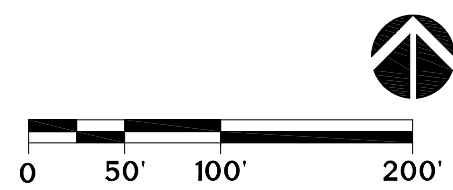
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**URBAN**  
ENGINEERS, INC.



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- SC STREET CLOSURE
- ST SPEED TABLE

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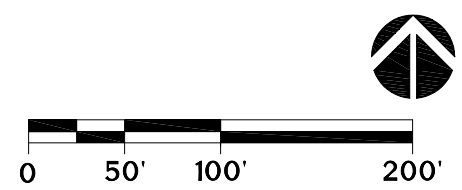
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**URBAN**  
ENGINEERS, INC.



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| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

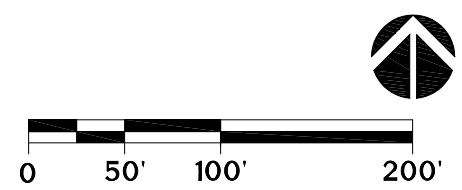
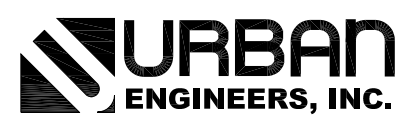
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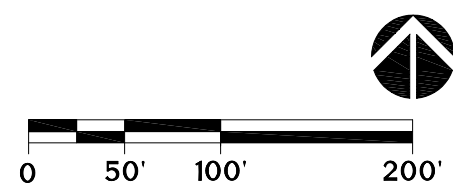
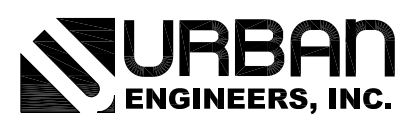
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- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

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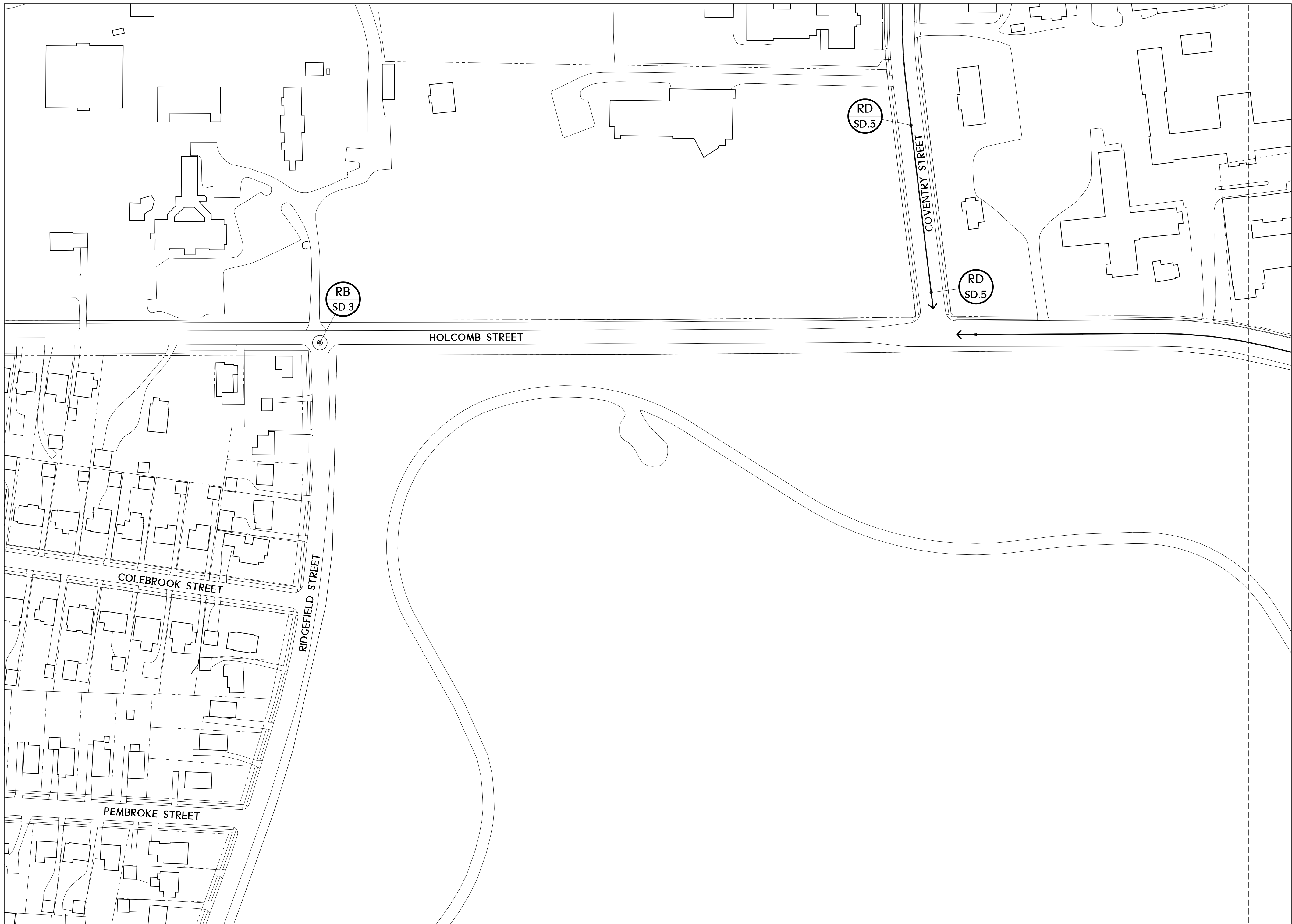
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- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

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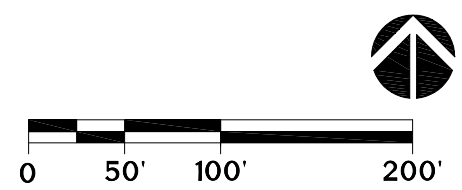
JULY 2005

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**URBAN**  
ENGINEERS, INC.



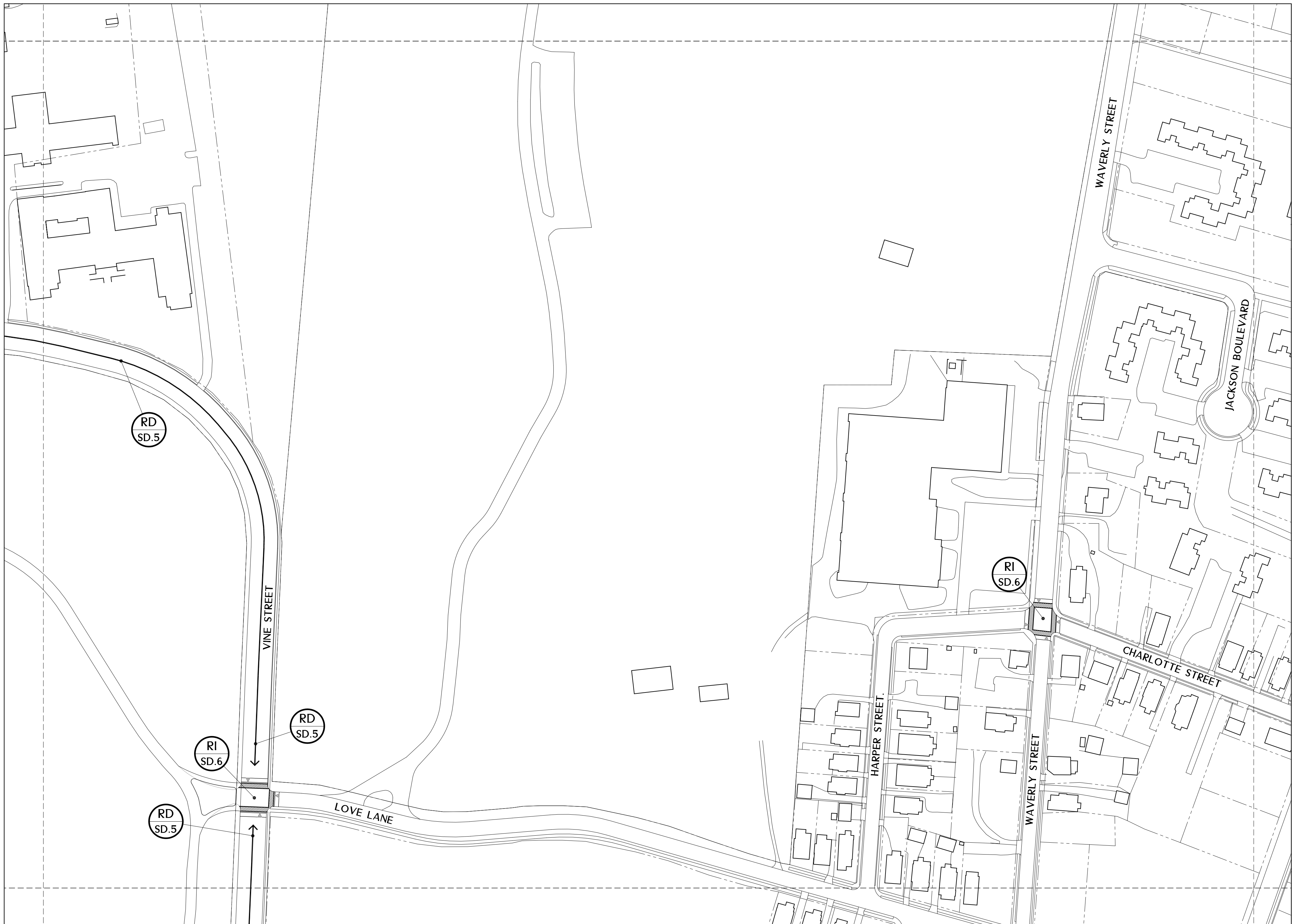
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| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

**HARTFORD TRAFFIC CALMING**

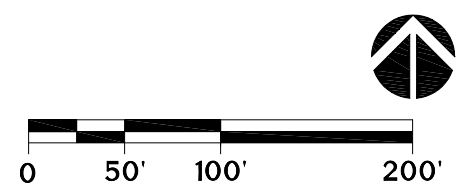
JULY 2005

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**URBAN**  
ENGINEERS, INC.



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- RB ROUNDABOUT

- RC RAISED CROSSWALK
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- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

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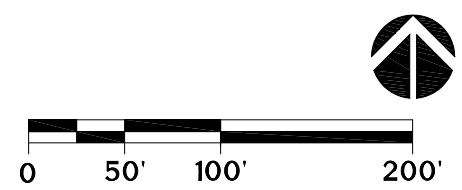
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**URBAN**  
ENGINEERS, INC.



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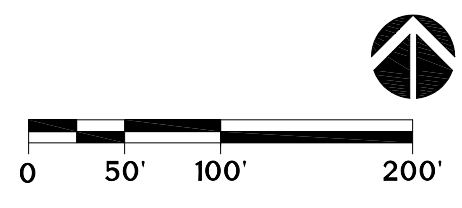
JULY 2005

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**D6**



**URBAN**  
ENGINEERS, INC.



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JULY 2005

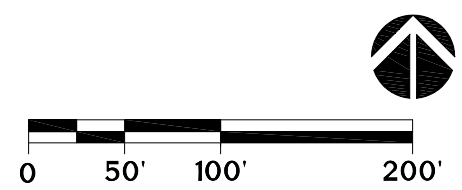
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ENGINEERS, INC.



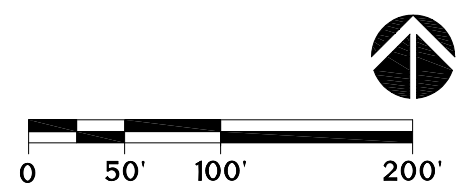
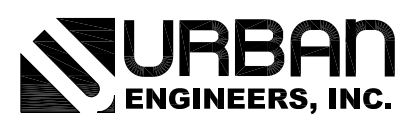
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| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

**D8**



- CE CURB EXTENSION
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- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT

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- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

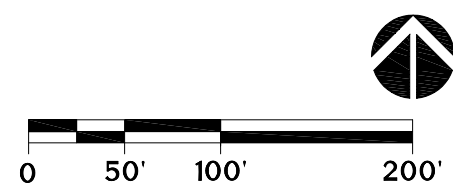
JULY 2005

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**URBAN**  
ENGINEERS, INC.



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| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

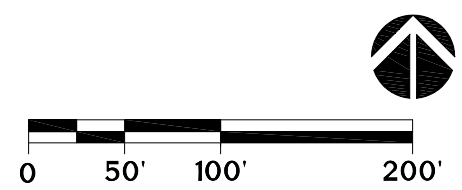
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**URBAN**  
ENGINEERS, INC.



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 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
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 ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

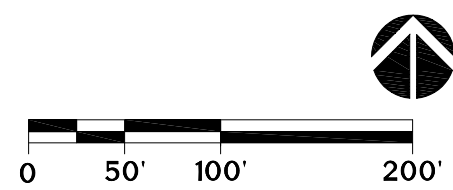
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ENGINEERS, INC.



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| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

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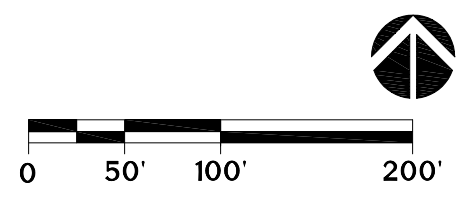
JULY 2005

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**URBAN**  
ENGINEERS, INC.



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| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
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| RB ROUNDABOUT               |                        |

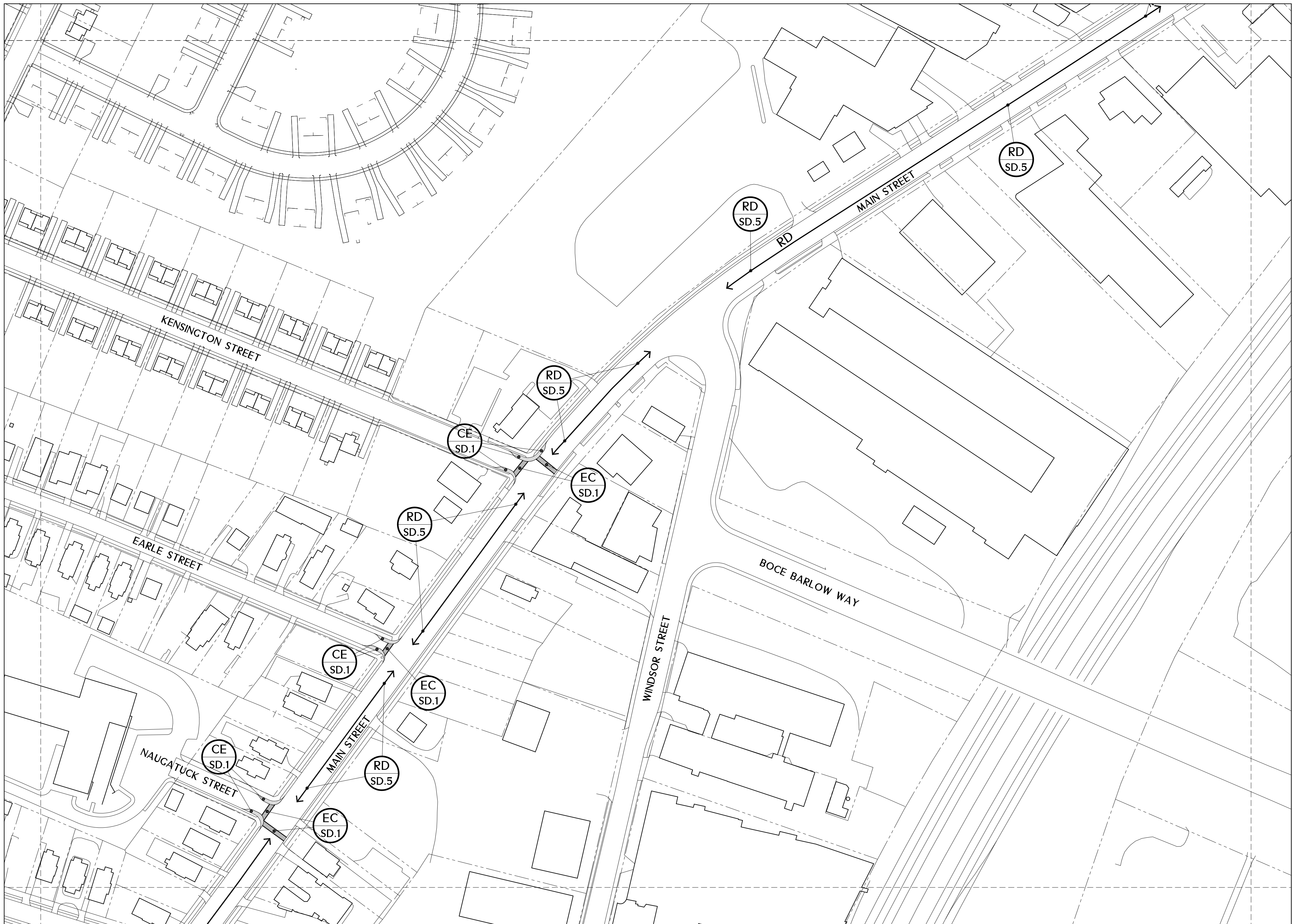
**HARTFORD TRAFFIC CALMING**

JULY 2005

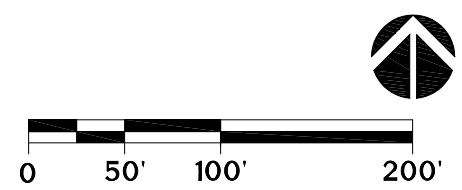
NO.

**E6**





**URBAN**  
ENGINEERS, INC.



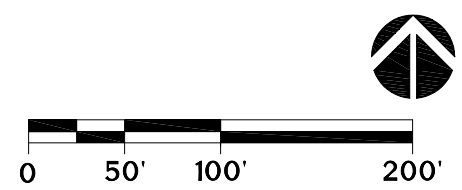
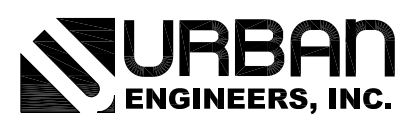
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- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

**E7**



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

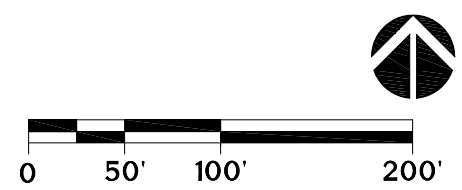
JULY 2005

NO.

F1



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

**HARTFORD TRAFFIC CALMING**

JULY 2005

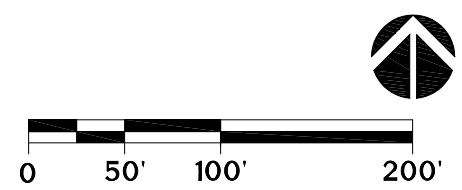
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**F2**





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
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| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

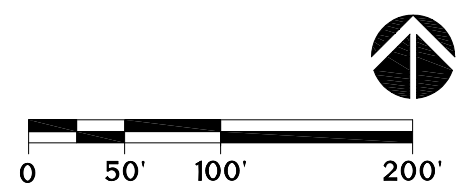
JULY 2005

NO.

F3



**URBAN**  
ENGINEERS, INC.



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT

- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

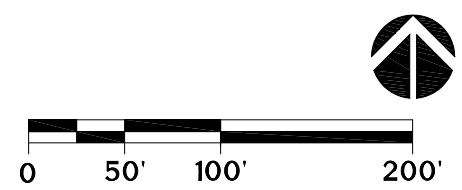
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**F4**





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
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| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

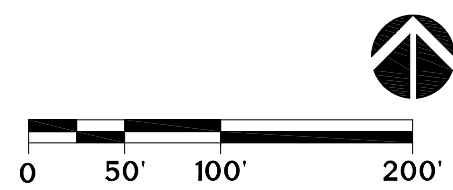
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**F5**





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
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| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

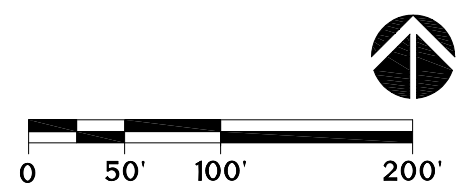
JULY 2005

NO.

F6



**URBAN**  
ENGINEERS, INC.



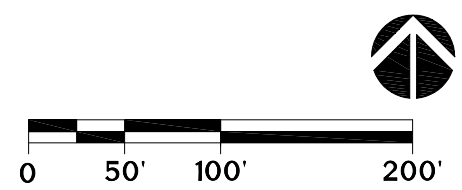
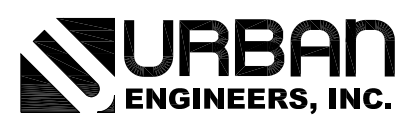
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| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

**HARTFORD TRAFFIC CALMING**

JULY 2005

NO.

**F7**



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

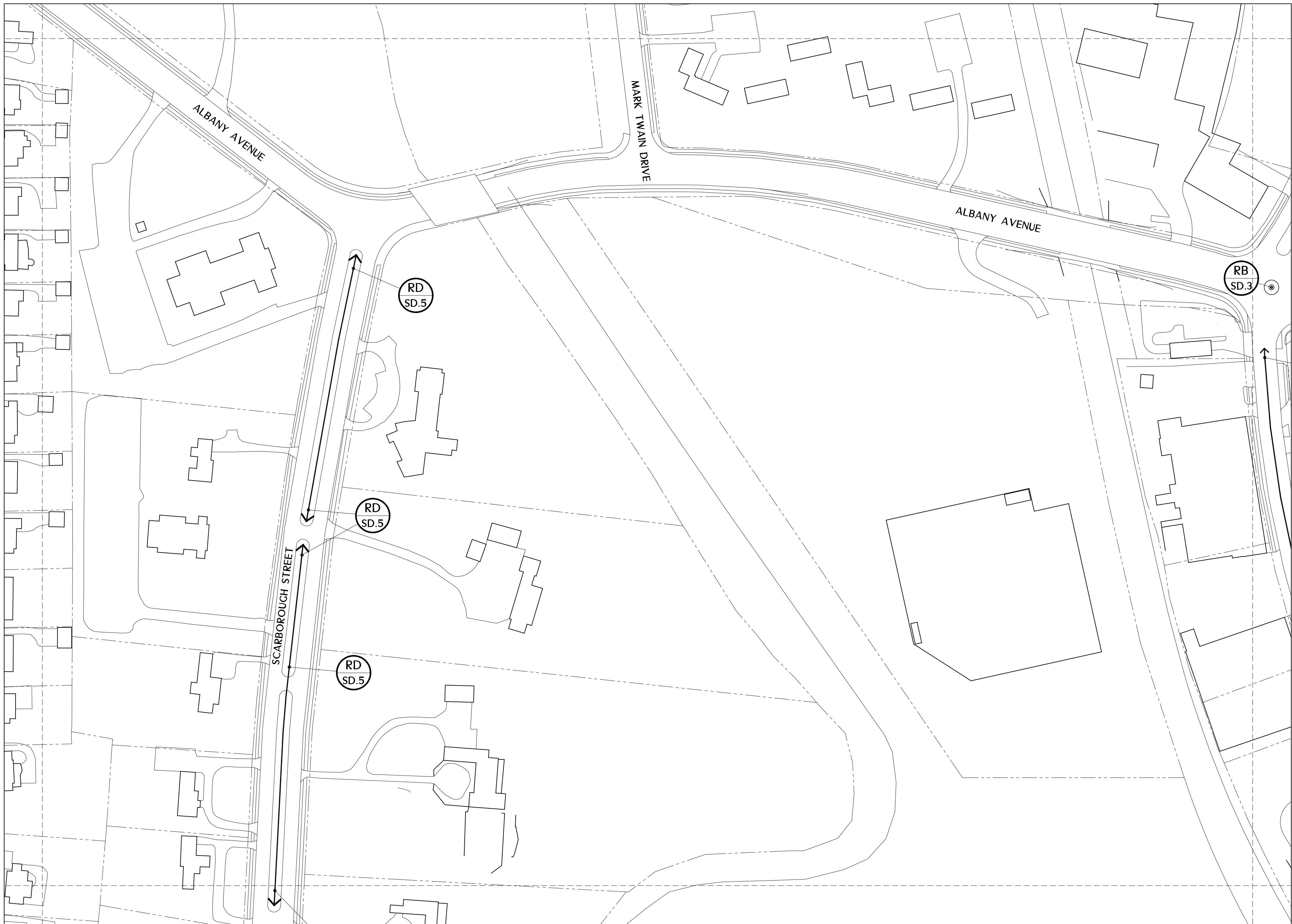
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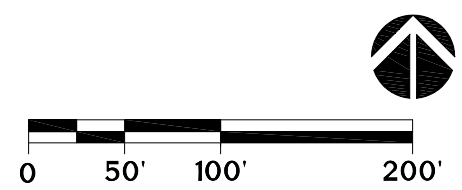
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G1





**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

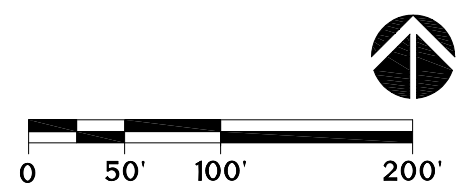
JULY 2005

NO.

G2



**URBAN**  
ENGINEERS, INC.



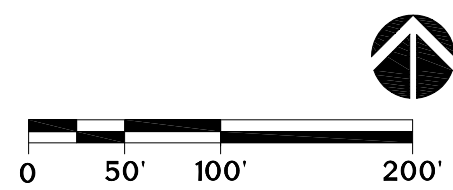
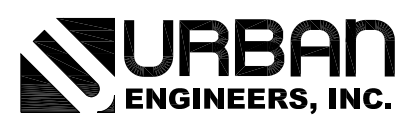
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|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

G3



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

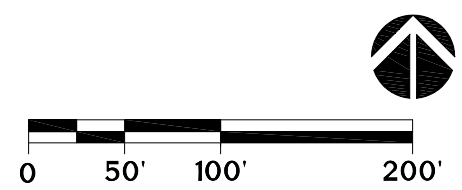
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G4





**URBAN**  
ENGINEERS, INC.



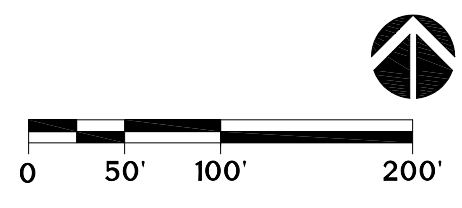
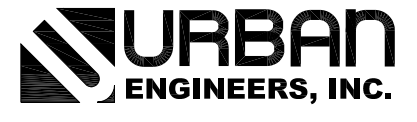
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|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

**G5**



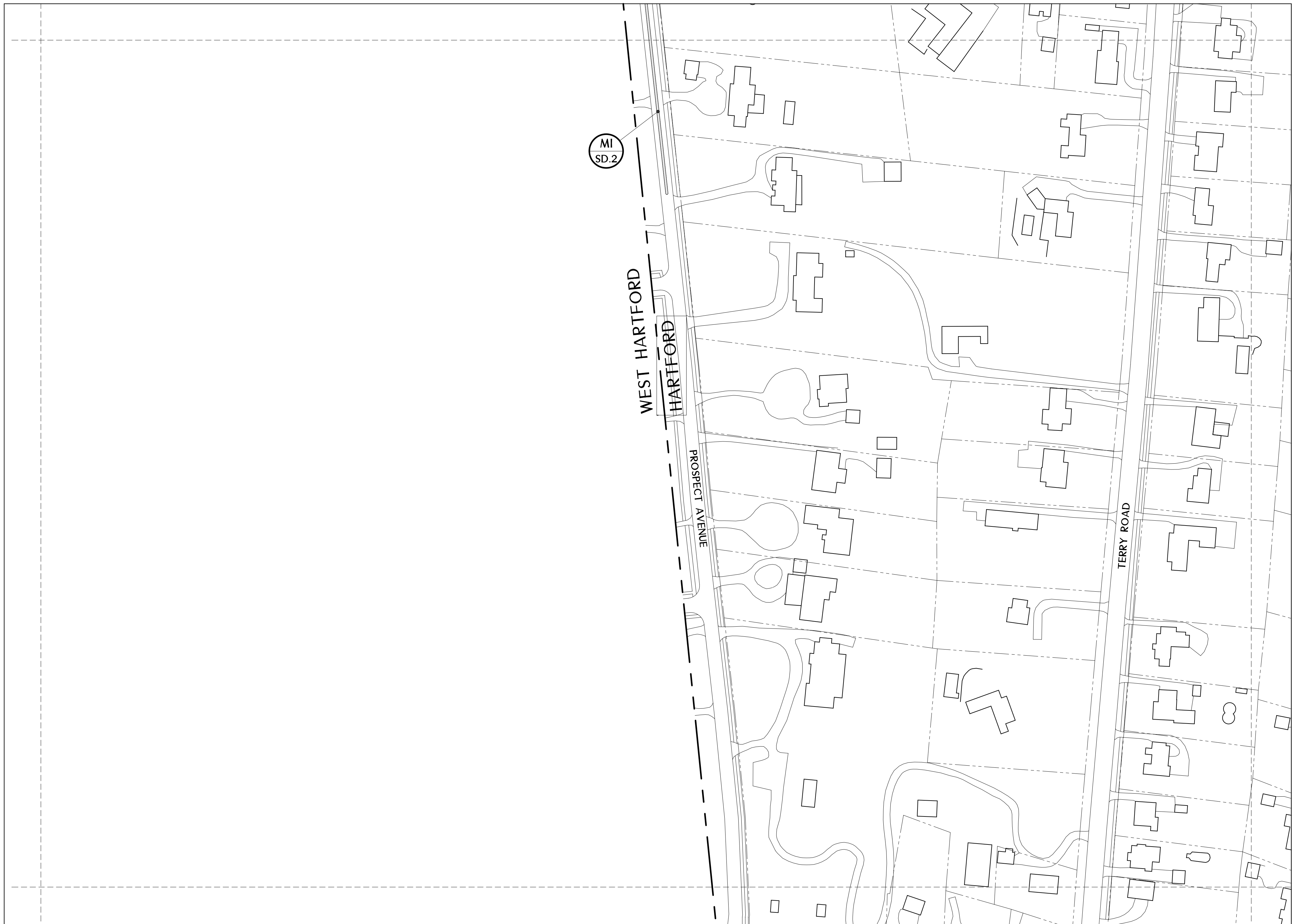
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- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

G6



MI  
SD.2

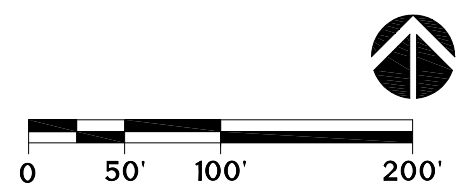
WEST HARTFORD  
HARTFORD

PROSPECT AVENUE

TERRY ROAD



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
EC ENHANCED CROSSWALK  
IR INTERSECTION REALIGNMENT  
MI MEDIAN ISLAND  
PC PARKING CHICANE  
RB ROUNDABOUT

RC RAISED CROSSWALK  
RD ROAD DIET  
RI RAISED INTERSECTION  
SC STREET CLOSURE  
ST SPEED TABLE

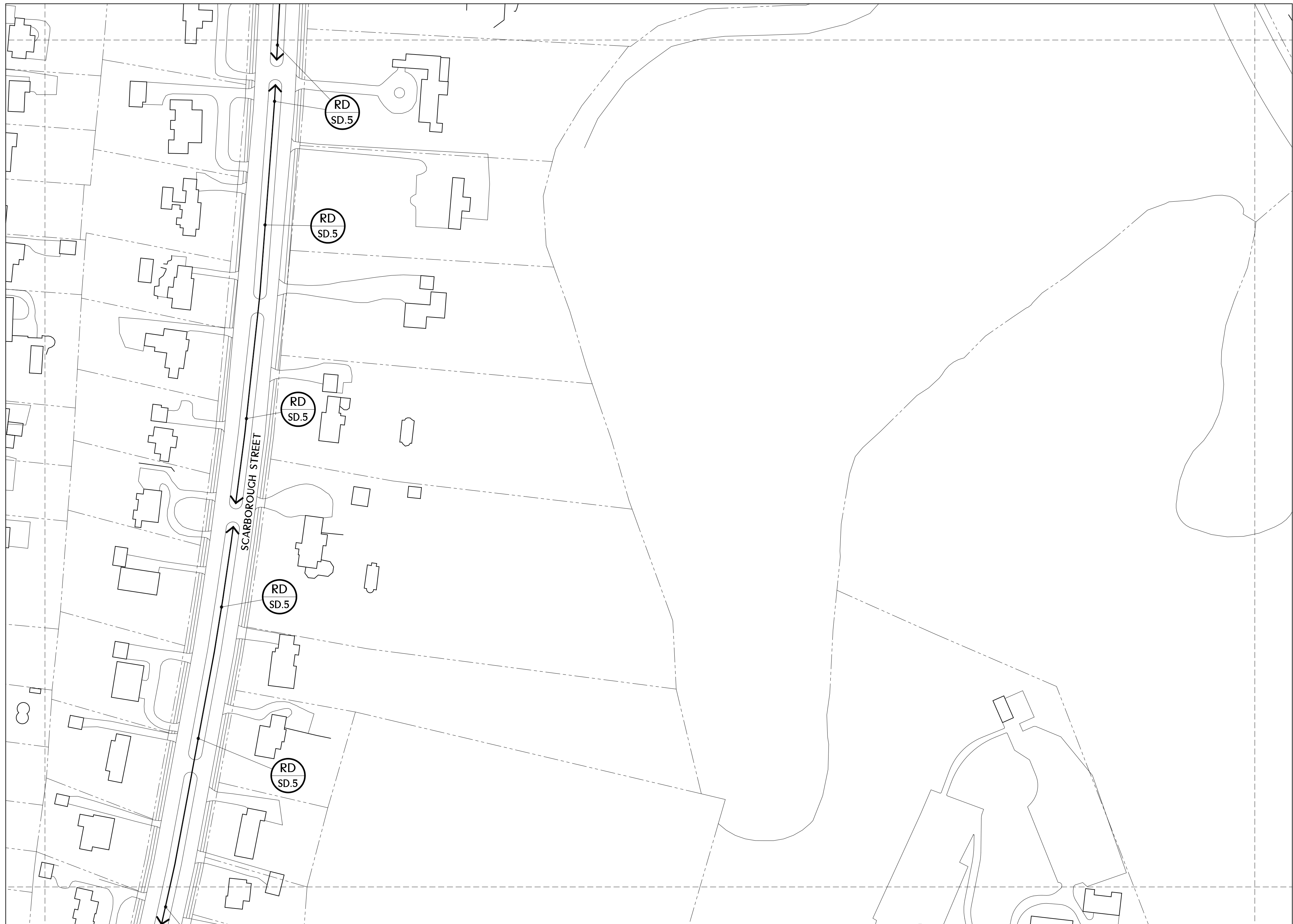
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JULY 2005

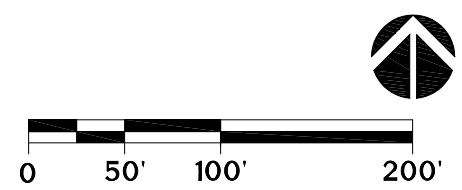
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H1





**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

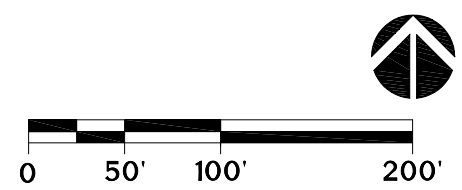
JULY 2005

NO.

H2



**URBAN**  
ENGINEERS, INC.



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

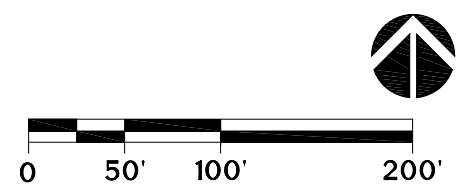
JULY 2005

NO.

H3



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
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| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

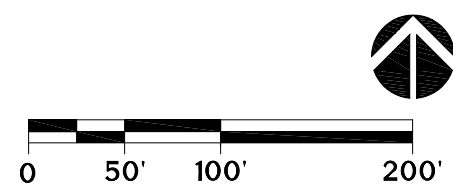
JULY 2005  
NO.

H4





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
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| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

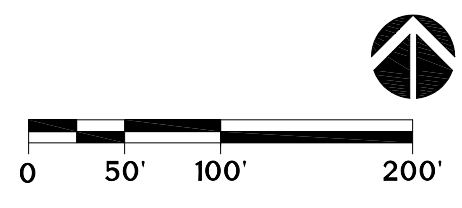
JULY 2005

NO.

H5



**URBAN**  
ENGINEERS, INC.



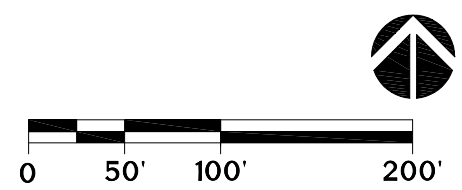
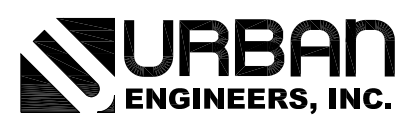
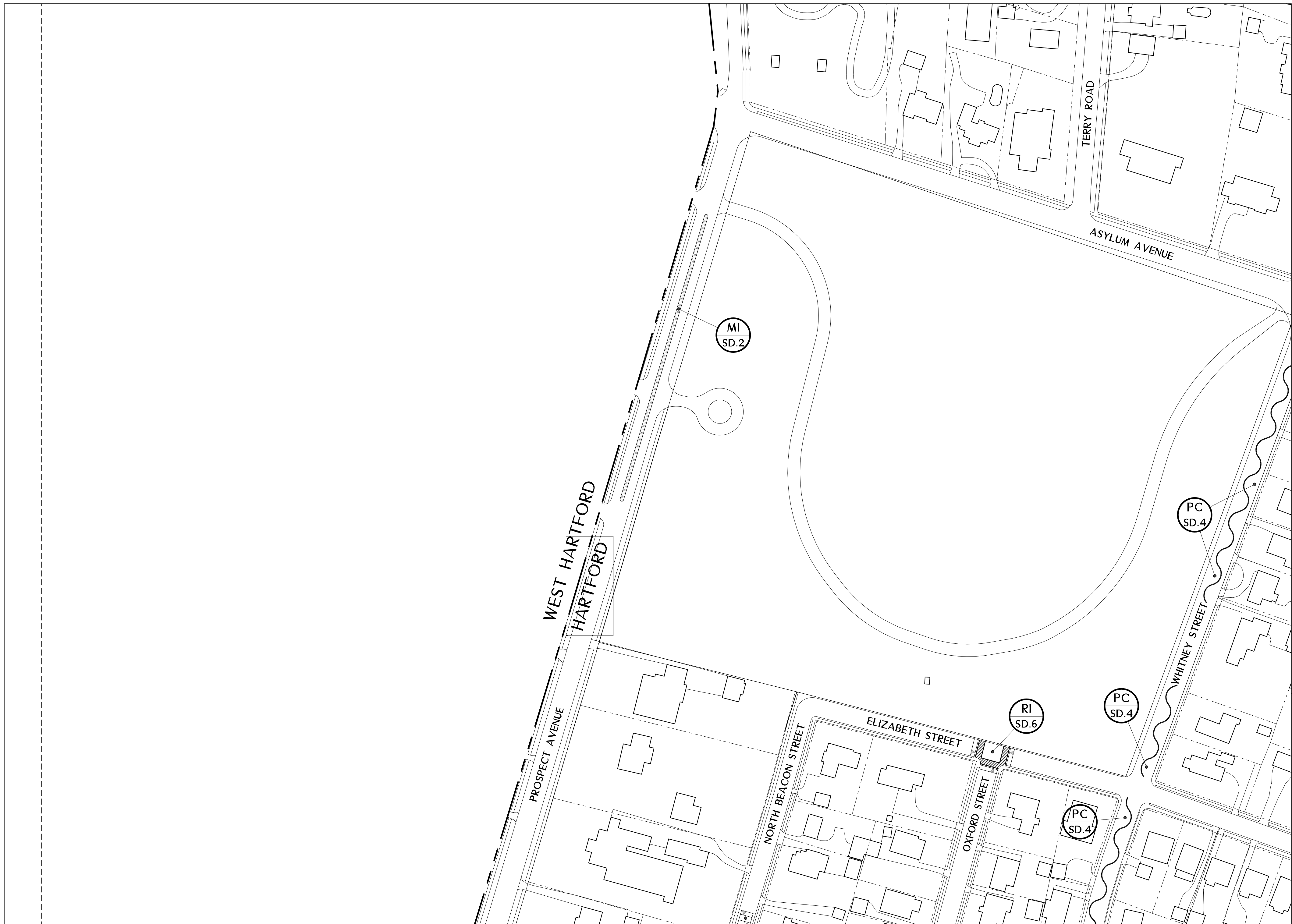
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- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

H6



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

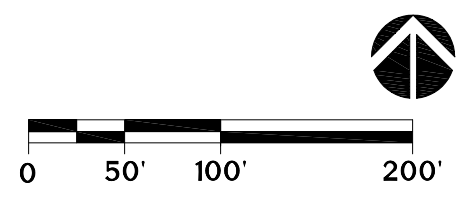
JULY 2005

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**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

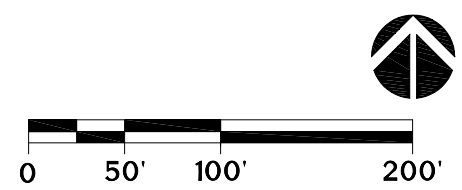
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JULY 2005

NO.



**URBAN**  
ENGINEERS, INC.

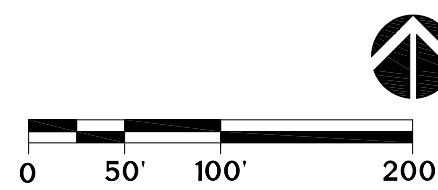
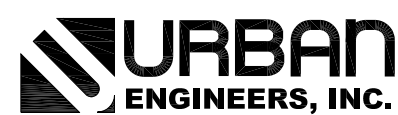


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|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

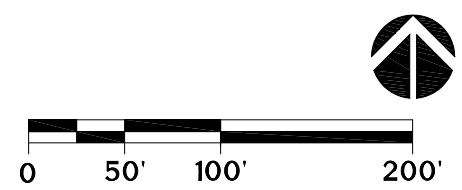
JULY 2005

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**URBAN**  
ENGINEERS, INC.

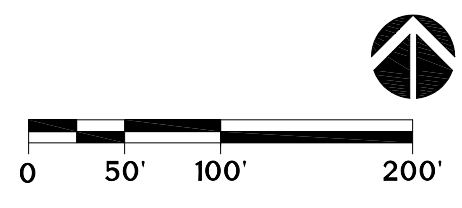
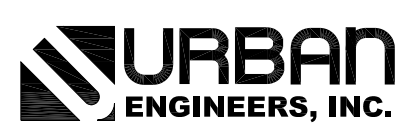


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|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.



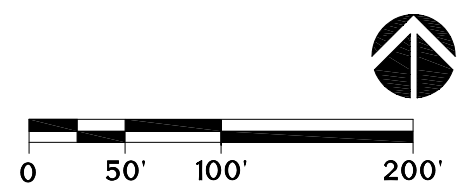
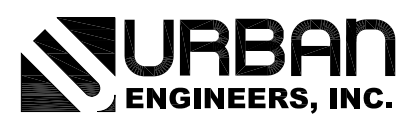
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- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.





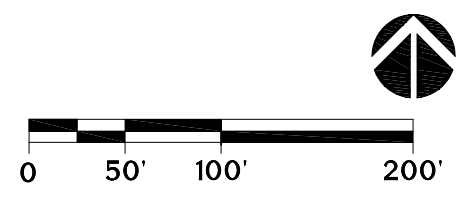
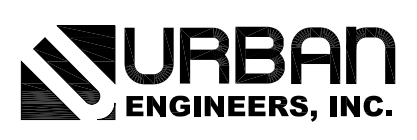
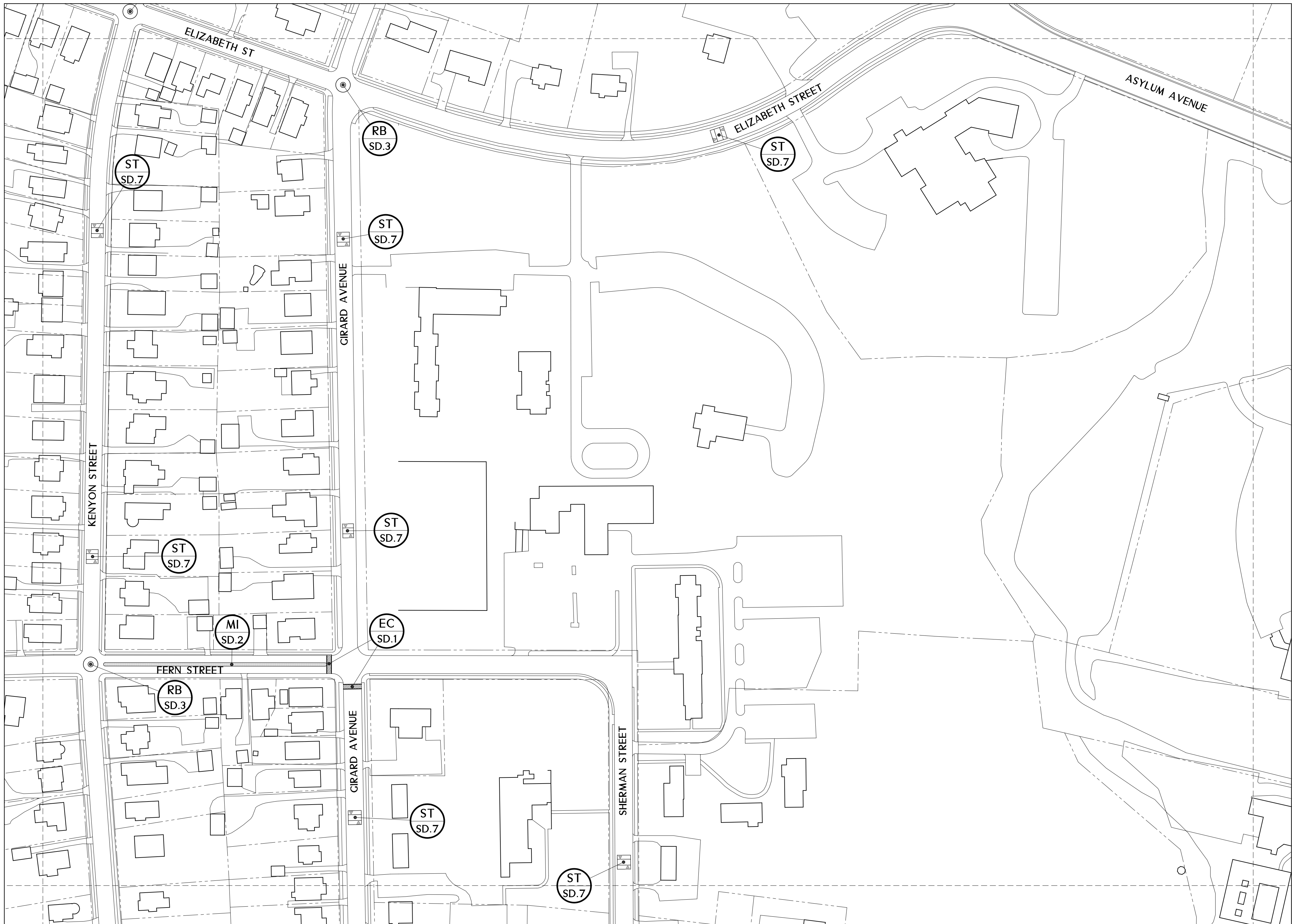
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- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
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- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.





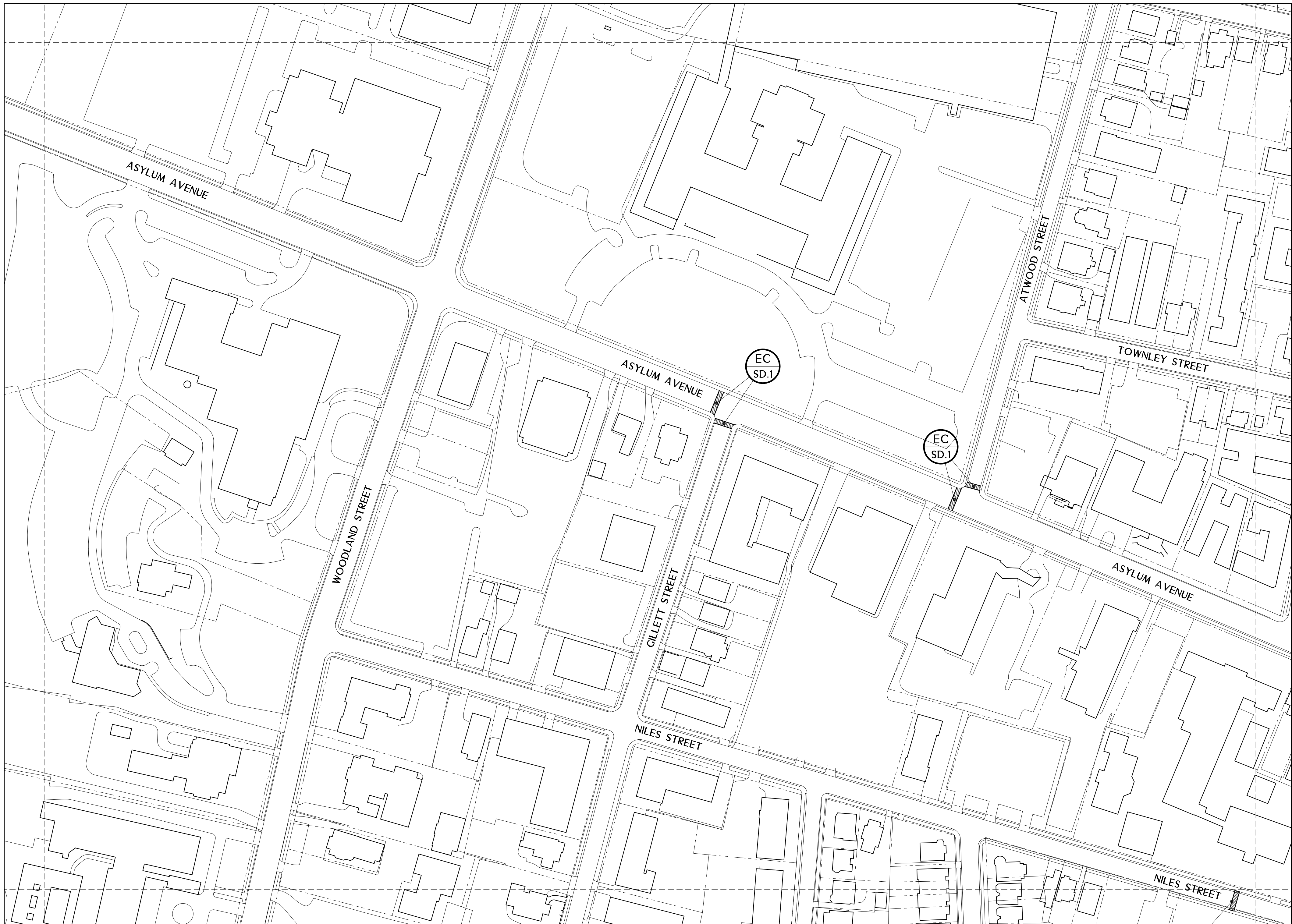
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- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
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- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

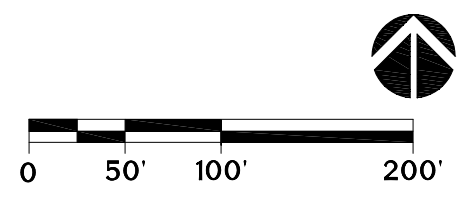
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J2



**URBAN**  
ENGINEERS, INC.



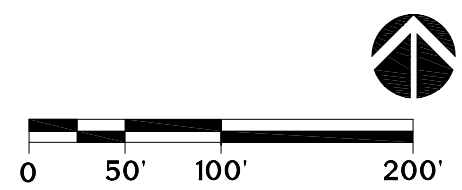
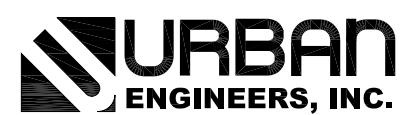
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|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

J3



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

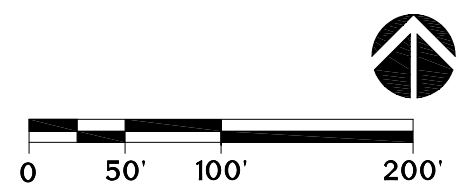
JULY 2005

NO.





**URBAN**  
ENGINEERS, INC.



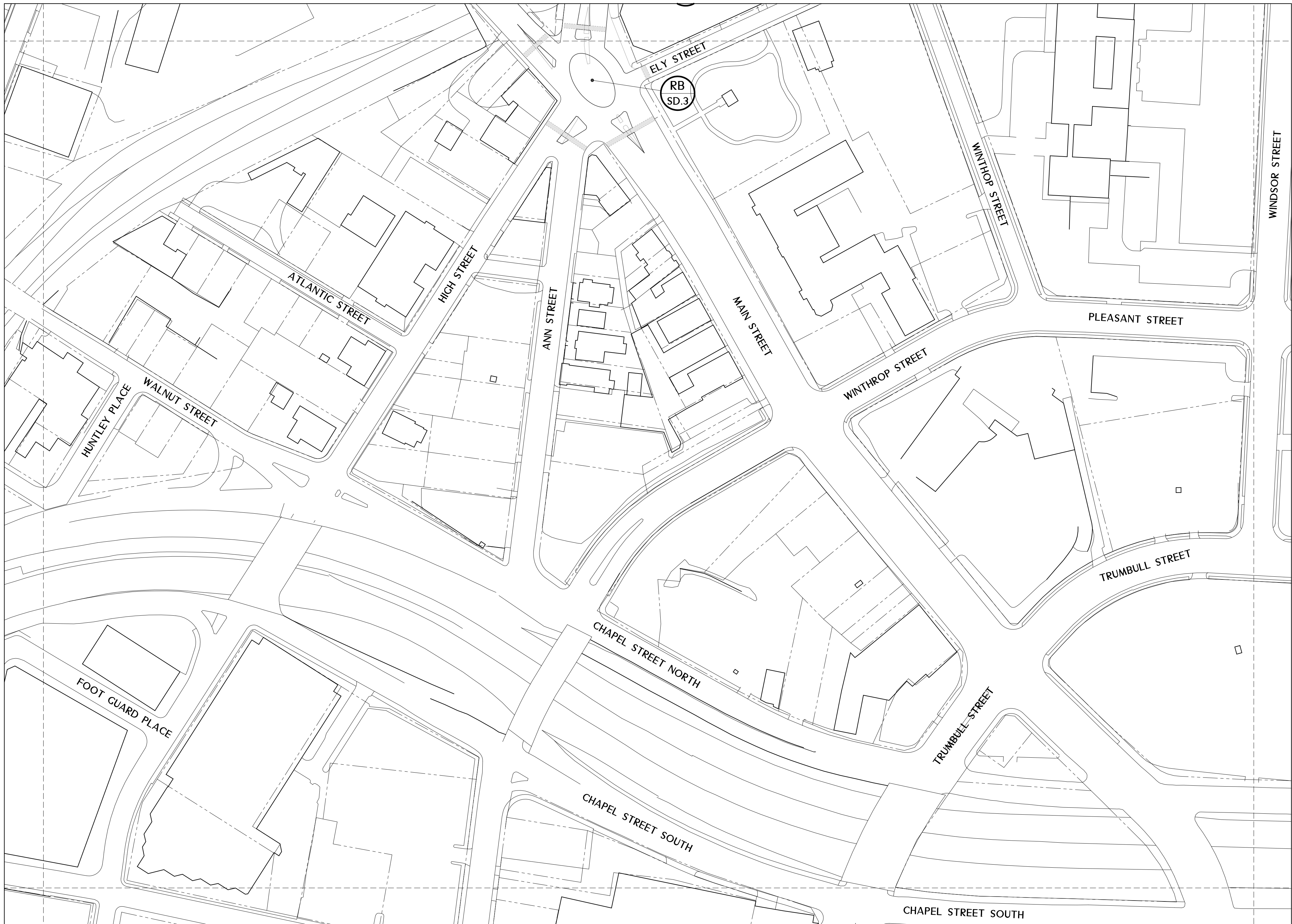
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|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

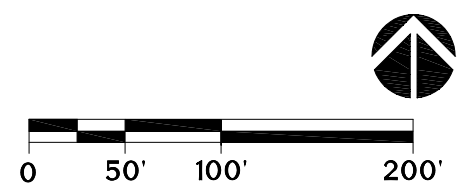
JULY 2005

NO.

J5



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

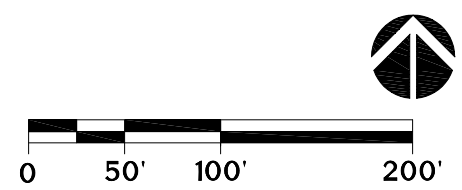
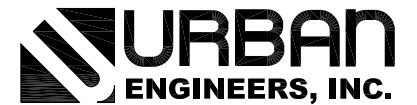
J6



FARMINGTON AVENUE DESIGN COMES FROM THE A NEW FARMINGTON AVENUE PROJECT, MARCH 15, 2002.

PREPARED FOR: THE FARMINGTON AVENUE JOINT COMMITTEE- HARTFORD, CT

PREPARED BY:  
 PROJECT FOR PUBLIC SPACES, INC.  
 ABEL PHILLIPS PREISS & SHAPIRO, INC.  
 URBAN ASSOCIATES, INC



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

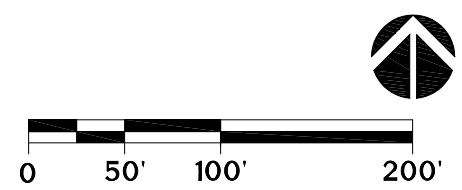
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K1





**URBAN ENGINEERS, INC.**



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

**HARTFORD TRAFFIC CALMING**

JULY 2005

NO.

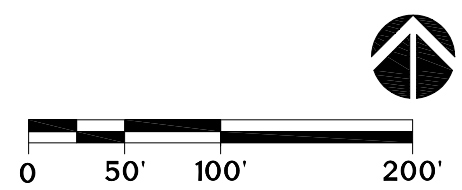
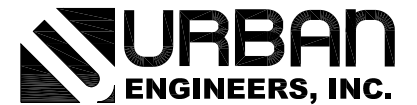
**K2**



FARMINGTON AVENUE DESIGN COMES FROM THE: A NEW FARMINGTON AVENUE PROJECT, MARCH 15, 2002.

PREPARED FOR: THE FARMINGTON AVENUE JOINT COMMITTEE- HARTFORD, CT

PREPARED BY:  
PROJECT FOR PUBLIC SPACES, INC.  
ABELES PHILLIPS PREISS & SHAPIRO, INC.  
URBITRAN ASSOCIATES, INC



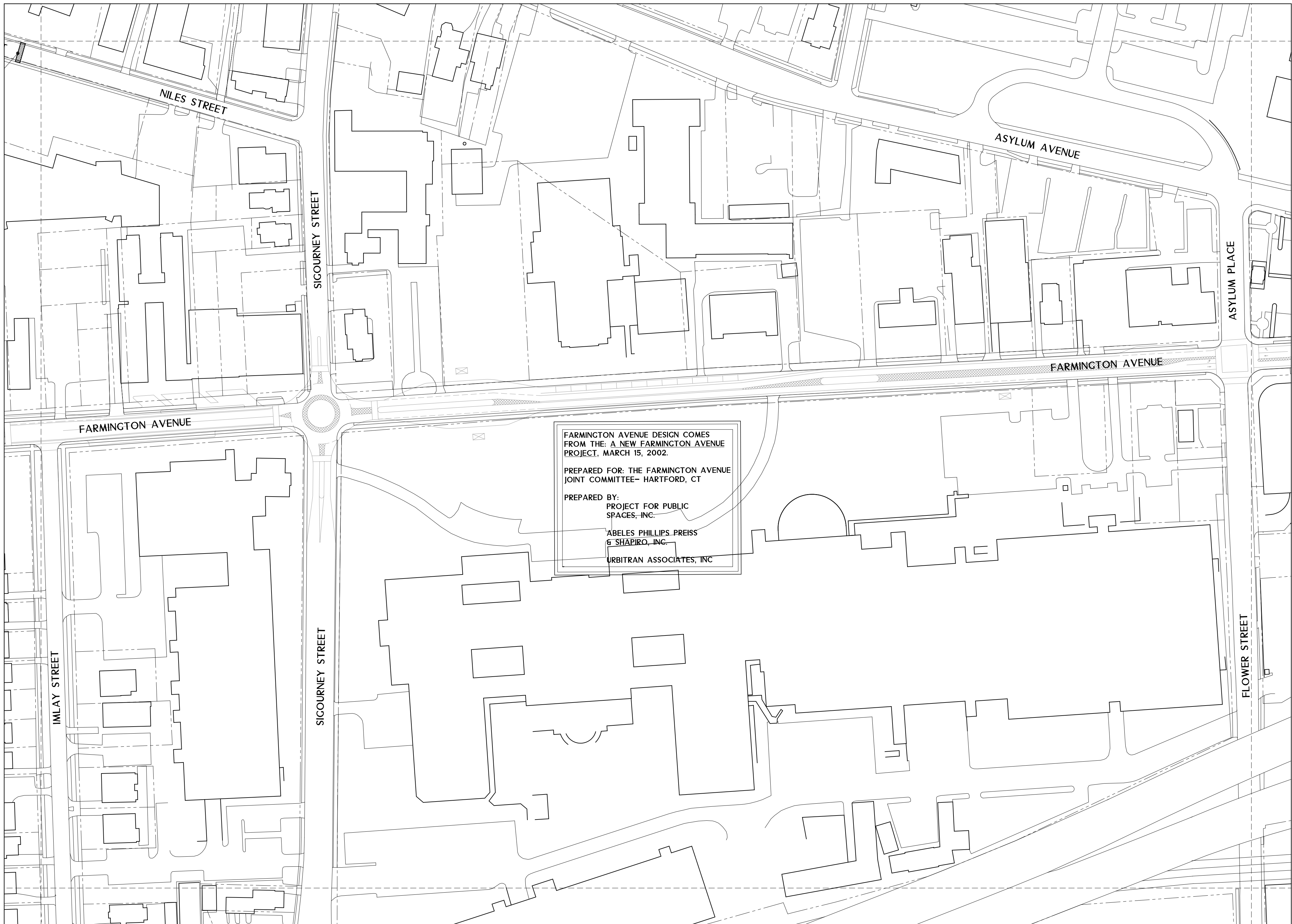
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|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

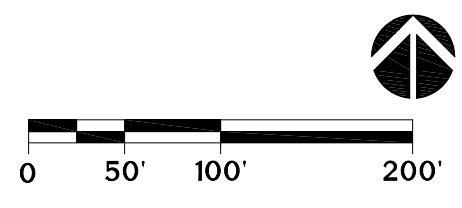
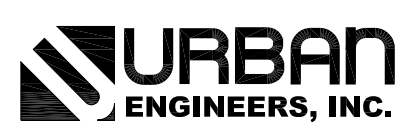
K3



FARMINGTON AVENUE DESIGN COMES FROM THE: A NEW FARMINGTON AVENUE PROJECT, MARCH 15, 2002.

PREPARED FOR: THE FARMINGTON AVENUE JOINT COMMITTEE- HARTFORD, CT

PREPARED BY:  
 PROJECT FOR PUBLIC SPACES, INC.  
 ABEL PHILLIPS PREISS & SHAPIRO, INC.  
 URBITRAN ASSOCIATES, INC



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

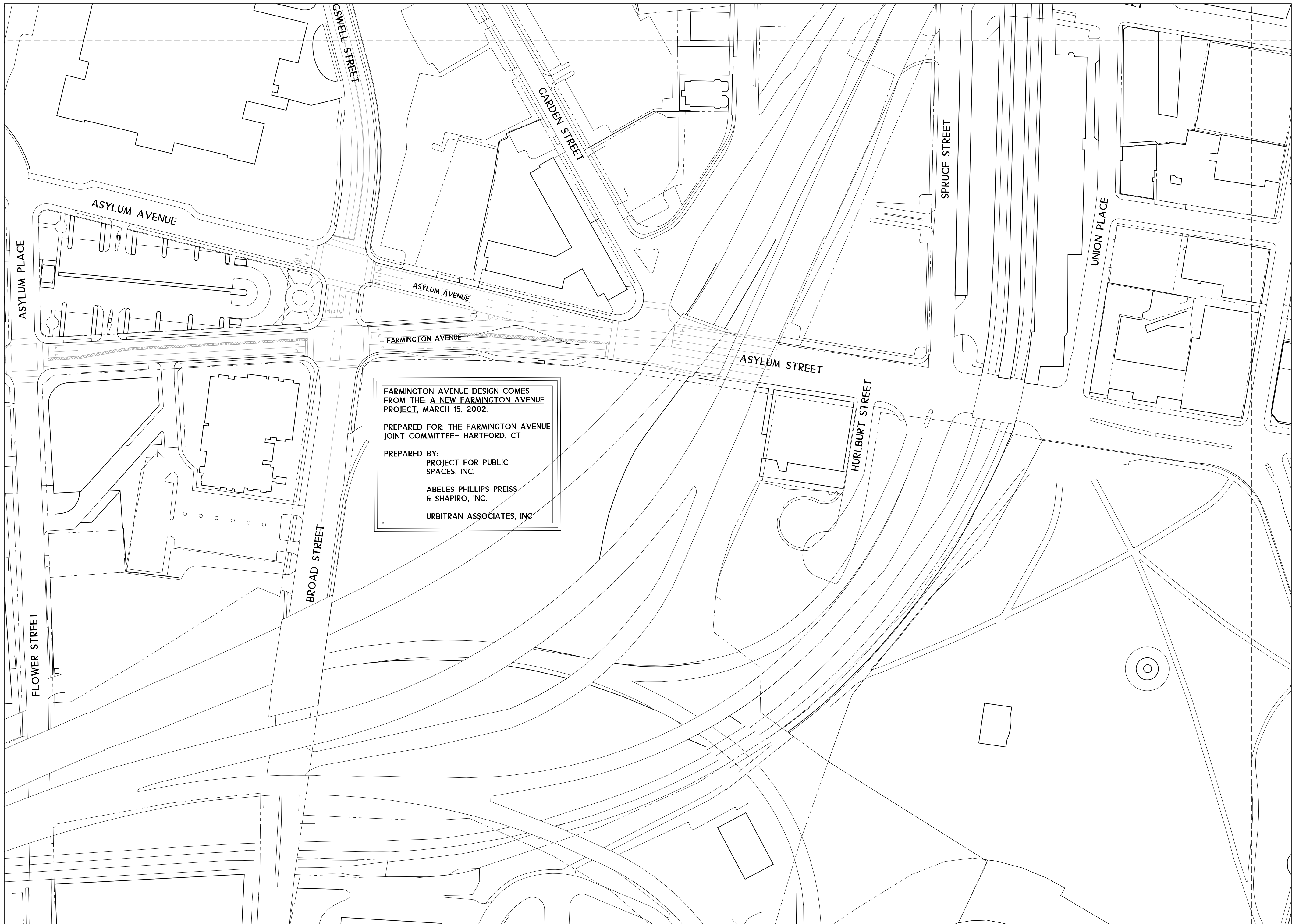
# HARTFORD TRAFFIC CALMING

JULY 2005

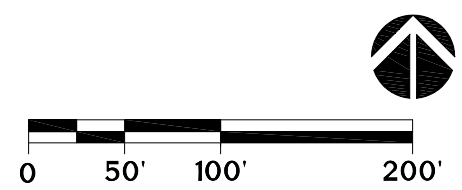
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K4





**URBAN**  
ENGINEERS, INC.



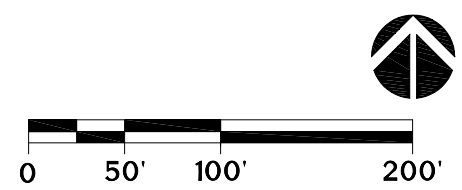
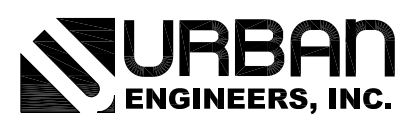
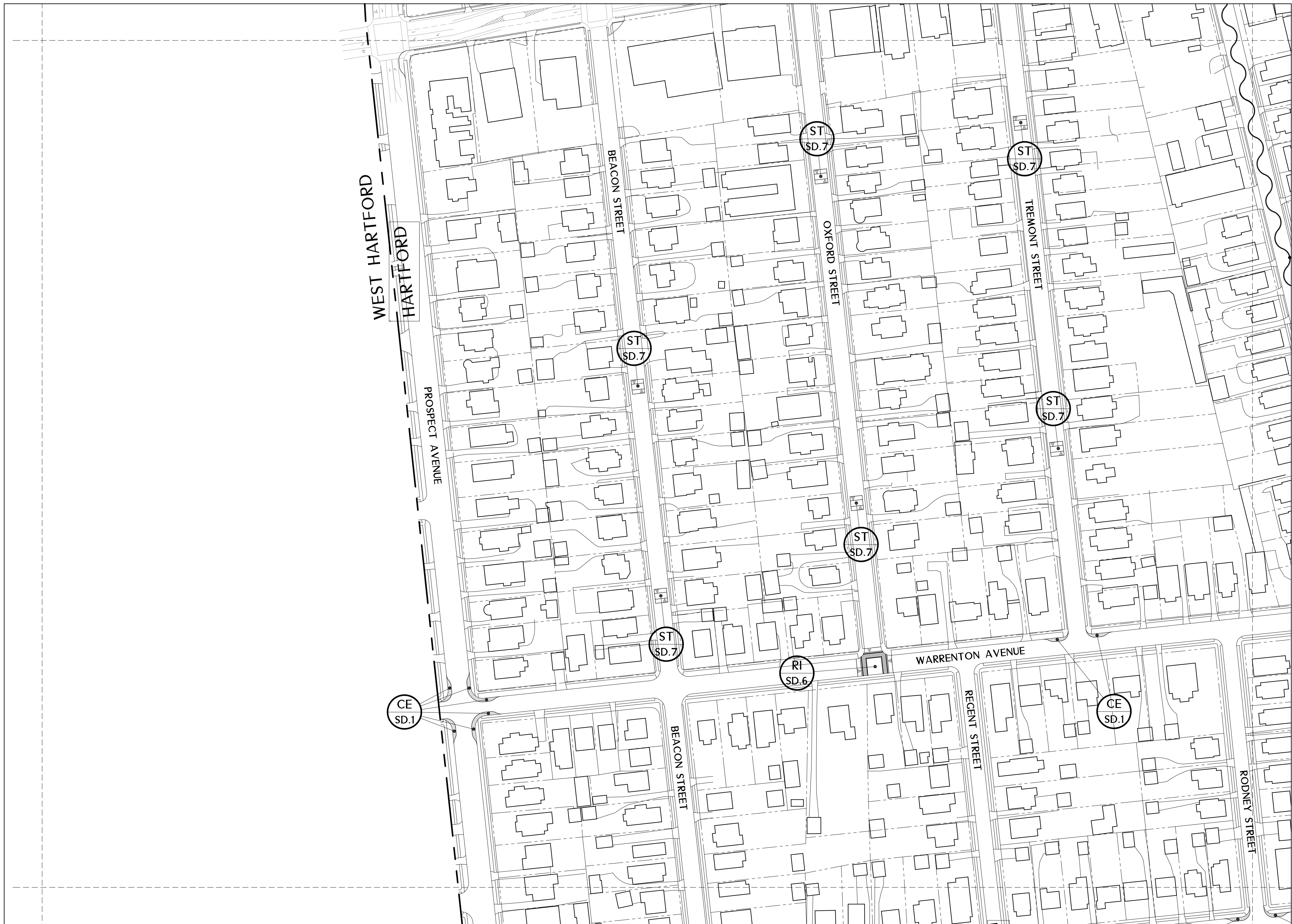
- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

**HARTFORD TRAFFIC CALMING**

JULY 2005

NO.

**K5**



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

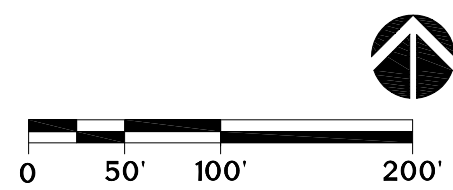
JULY 2005

NO.

L1



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

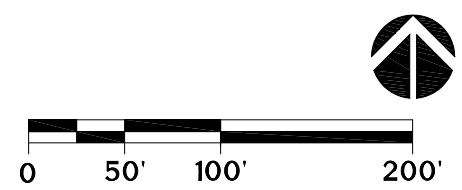
NO.

L2





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

**HARTFORD TRAFFIC CALMING**

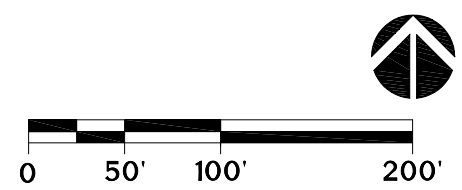
JULY 2005

NO.

**L4**



**URBAN**  
ENGINEERS, INC.



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

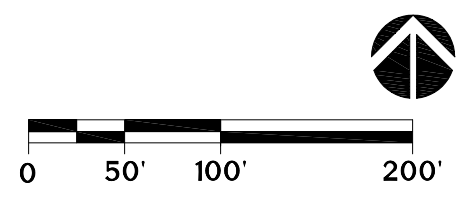
JULY 2005

NO.

**M1**



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

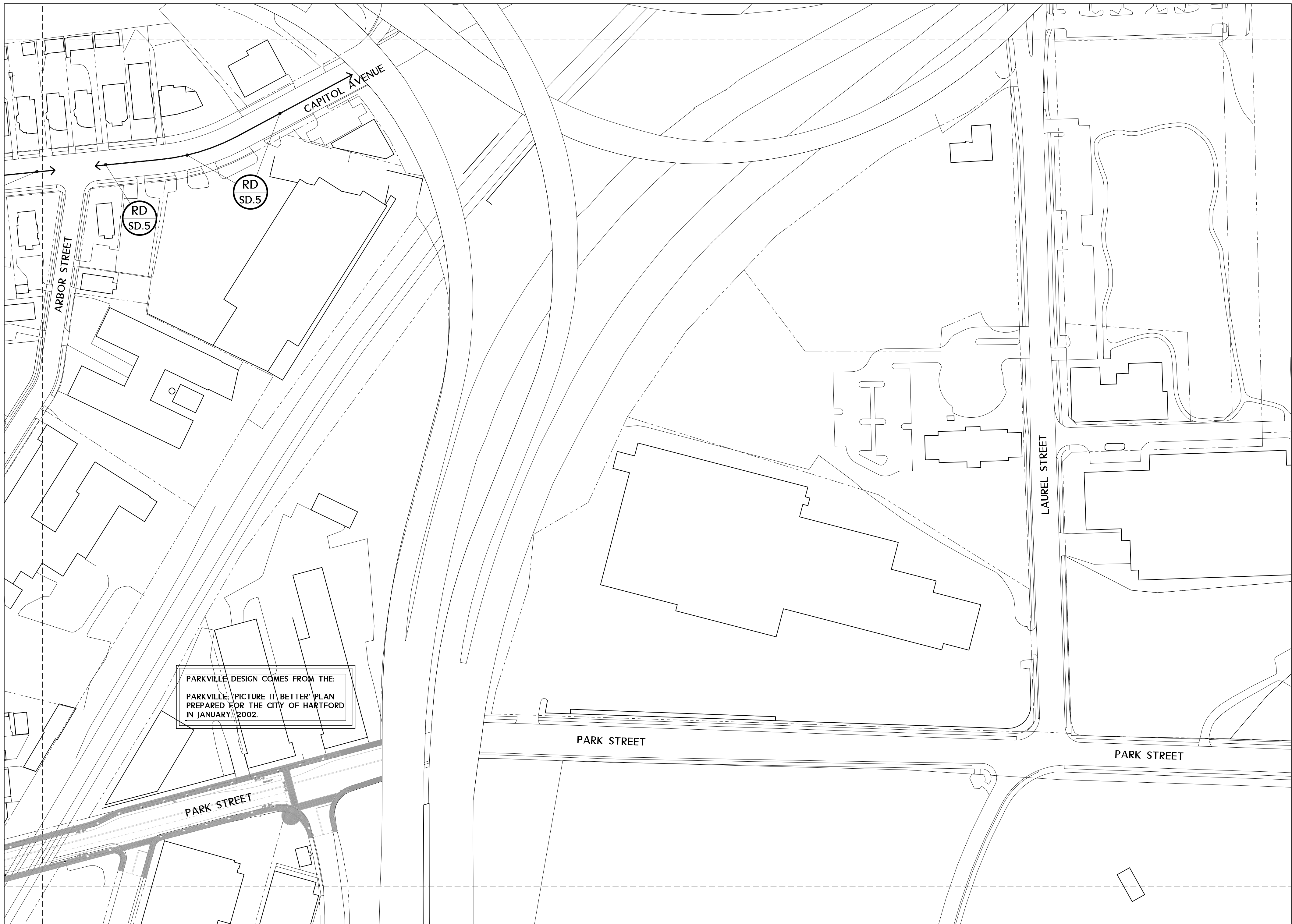
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JULY 2005

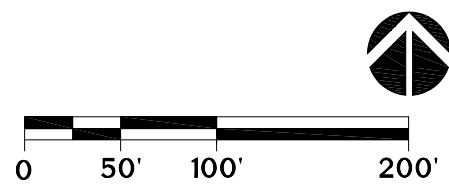
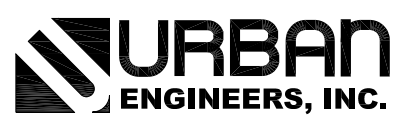
NO.

M2





PARKVILLE DESIGN COMES FROM THE:  
 PARKVILLE, 'PICTURE IT BETTER' PLAN  
 PREPARED FOR THE CITY OF HARTFORD  
 IN JANUARY, 2002.



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT

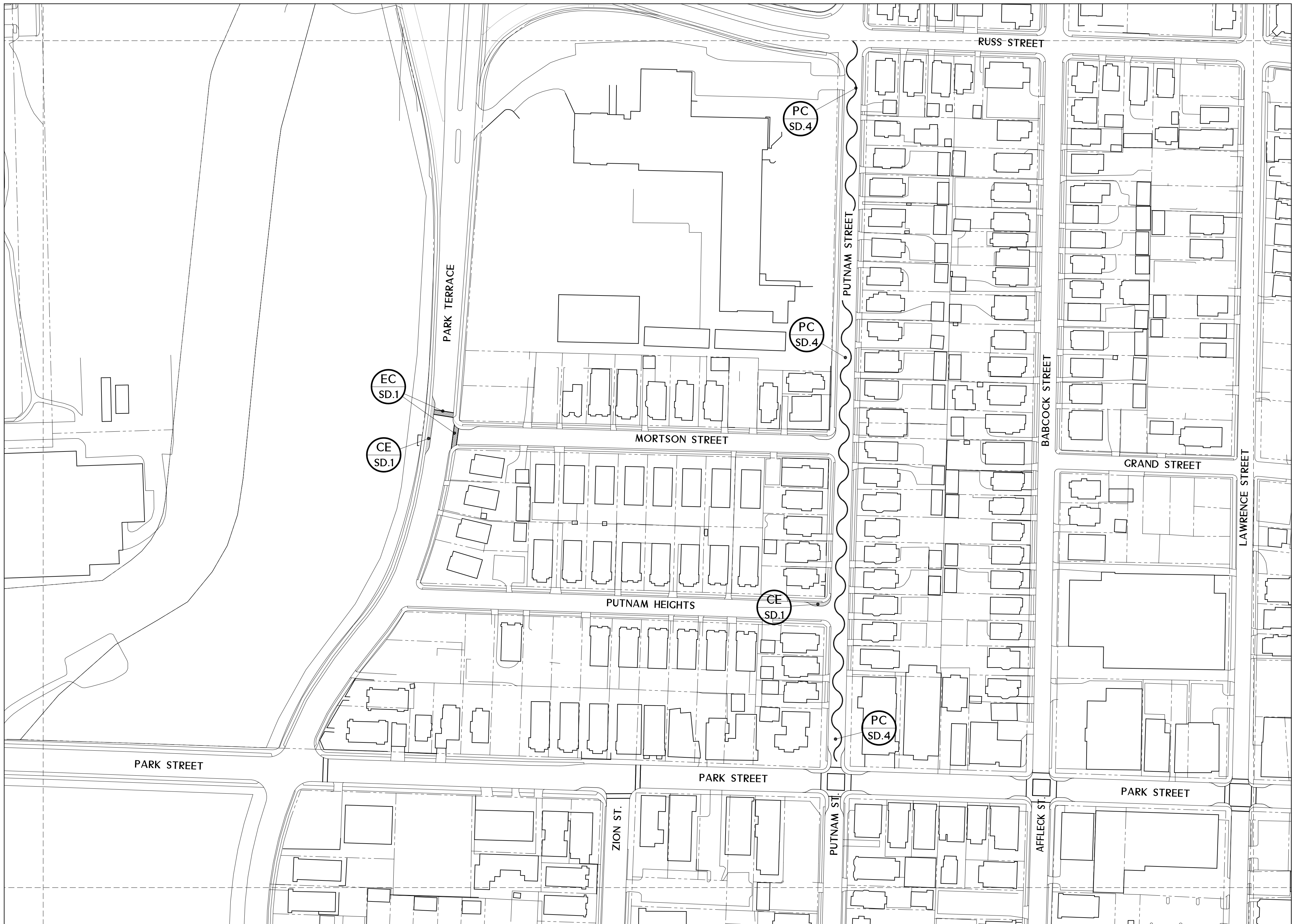
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

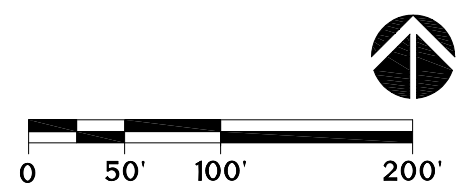
JULY 2005

NO.

M3



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

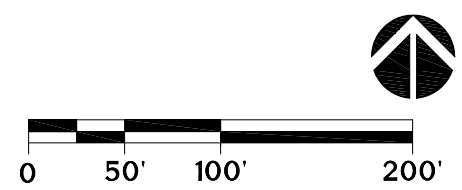
JULY 2005

NO.

**M4**



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

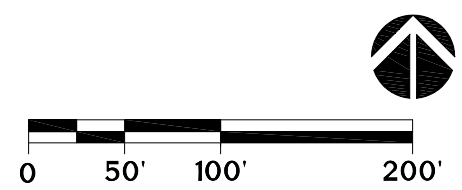
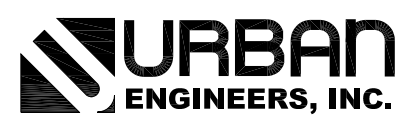
# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

**M5**





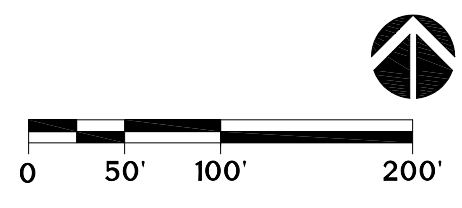
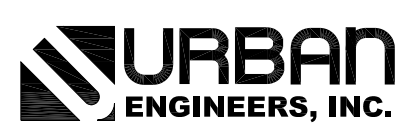
- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

M6



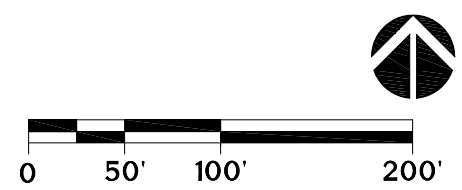
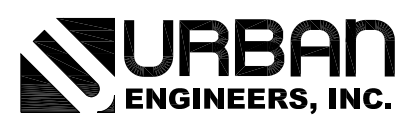
- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

M7



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

N1

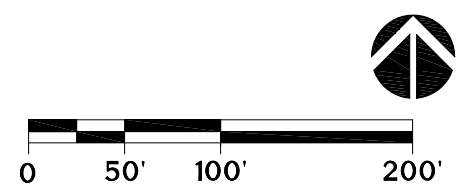




PARKVILLE DESIGN COMES FROM THE:  
 PARKVILLE: 'PICTURE IT BETTER' PLAN  
 PREPARED FOR THE CITY OF HARTFORD  
 IN JANUARY, 2002.



**URBAN**  
 ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

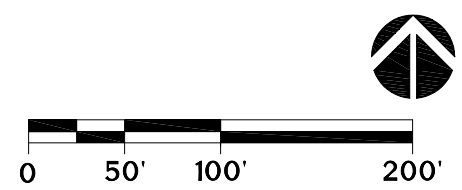
JULY 2005

NO.

N2



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

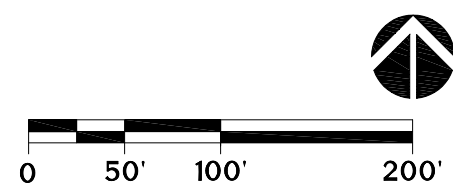
JULY 2005

NO.

N3



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

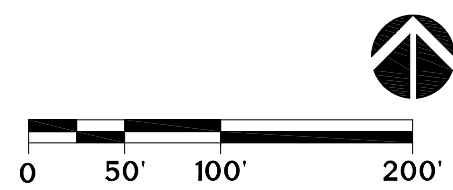
NO.

N4





**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
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 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

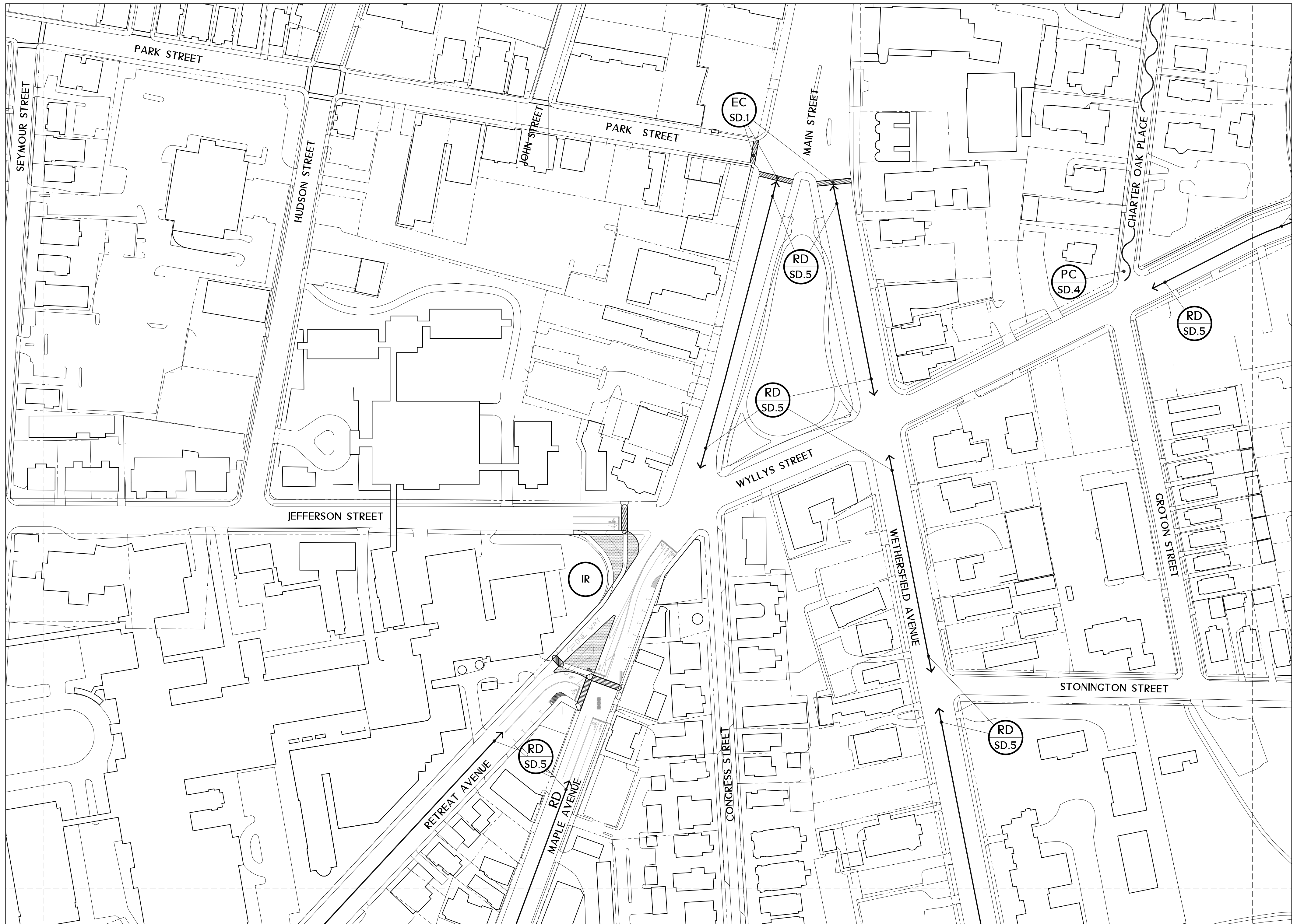
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 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

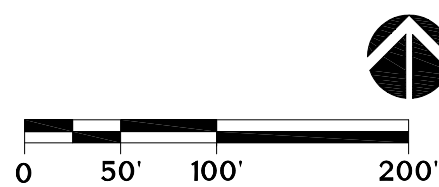
JULY 2005

NO.

N5



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

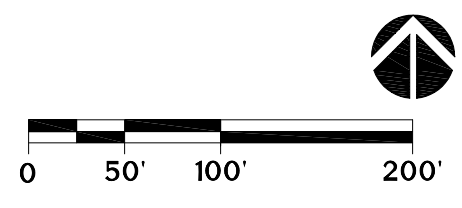
JULY 2005

NO.

N6



**URBAN**  
ENGINEERS, INC.



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

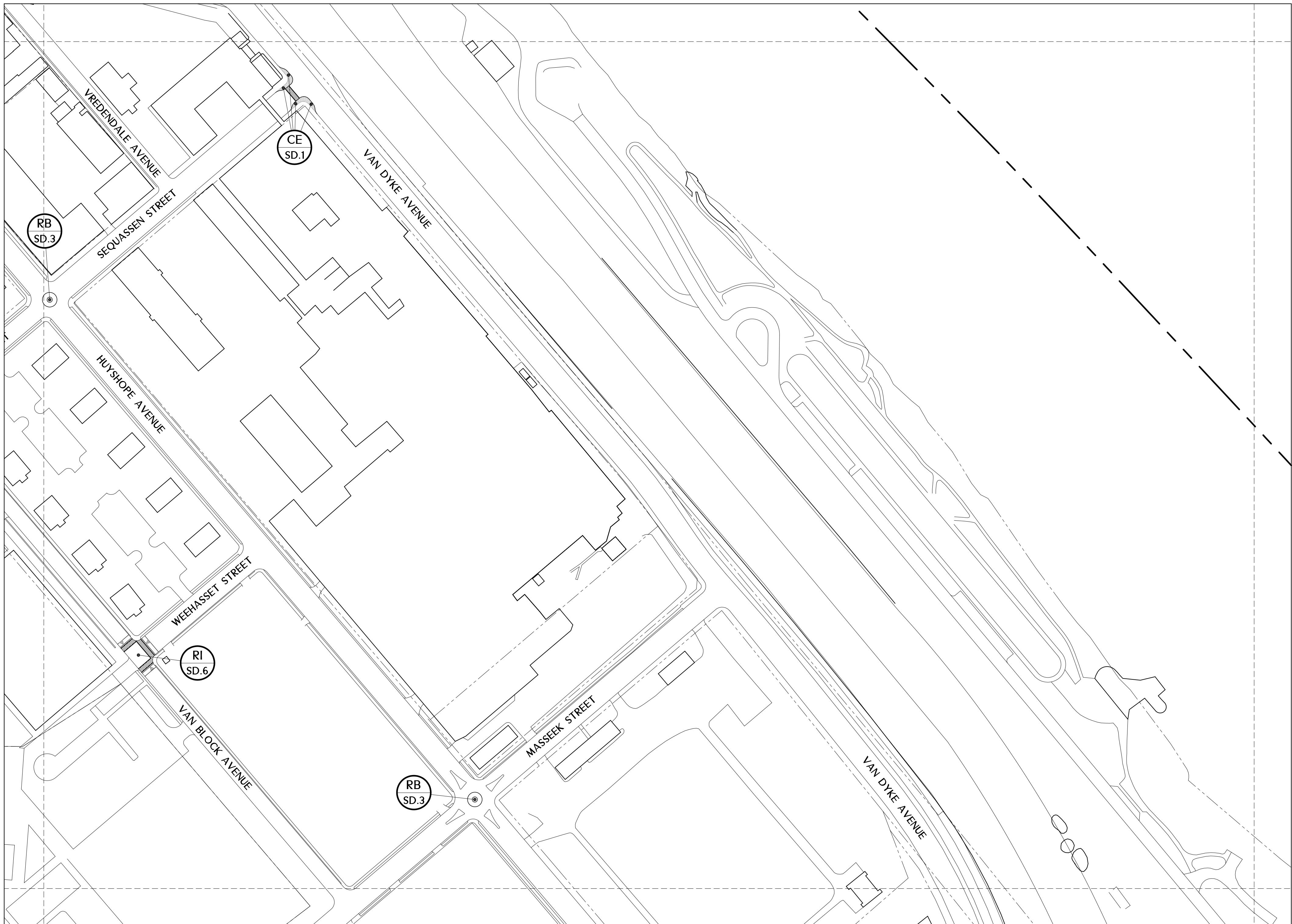
# HARTFORD TRAFFIC CALMING

JULY 2005

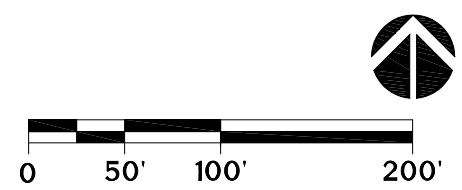
NO.

**N7**





**URBAN**  
ENGINEERS, INC.



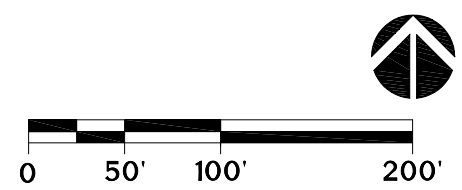
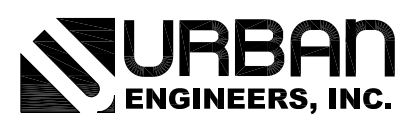
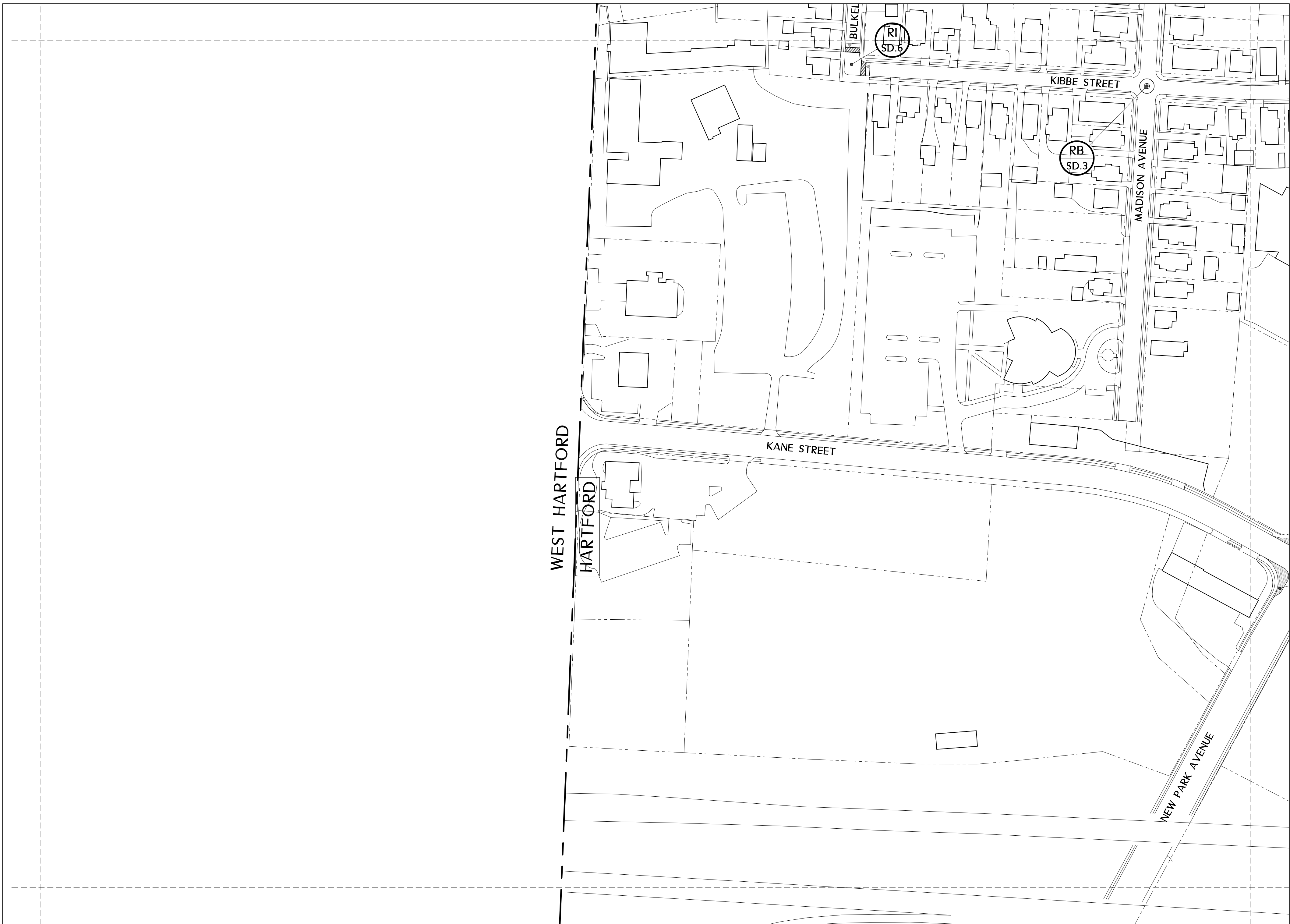
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- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

**N8**



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT

- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

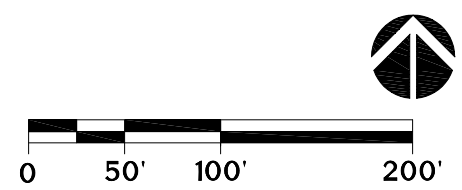
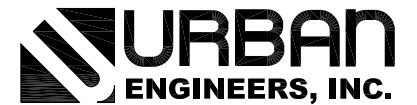
JULY 2005

NO.

01



PARKVILLE DESIGN COMES FROM THE:  
 PARKVILLE: 'PICTURE IT BETTER' PLAN  
 PREPARED FOR THE CITY OF HARTFORD  
 IN JANUARY, 2002.



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

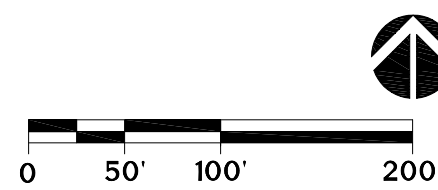
NO.

02





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

**HARTFORD TRAFFIC CALMING**

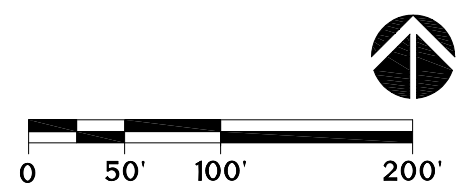
JULY 2005

NO.

**03**



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

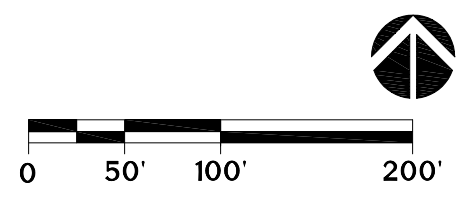
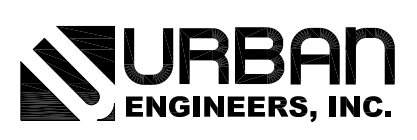
RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

**HARTFORD TRAFFIC CALMING**

JULY 2005

NO.

**04**



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

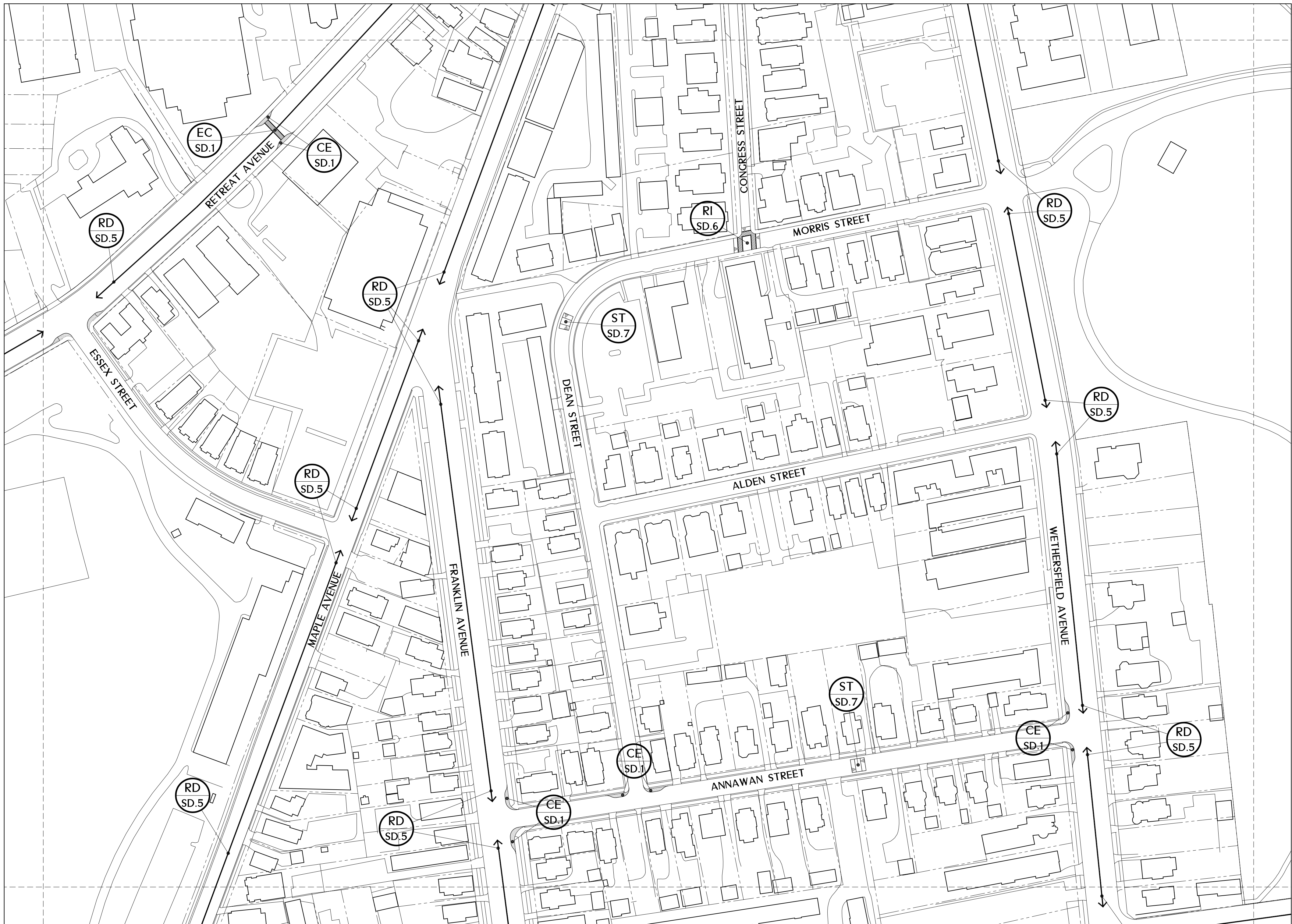
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JULY 2005

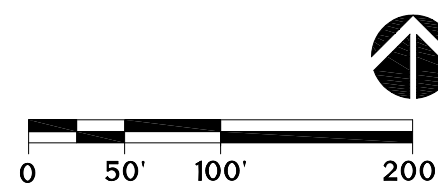
NO.

05





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

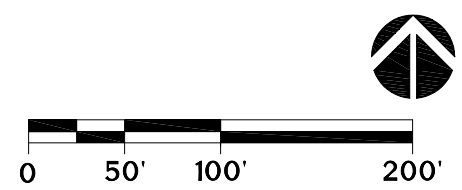
JULY 2005

NO.

06



**URBAN**  
ENGINEERS, INC.



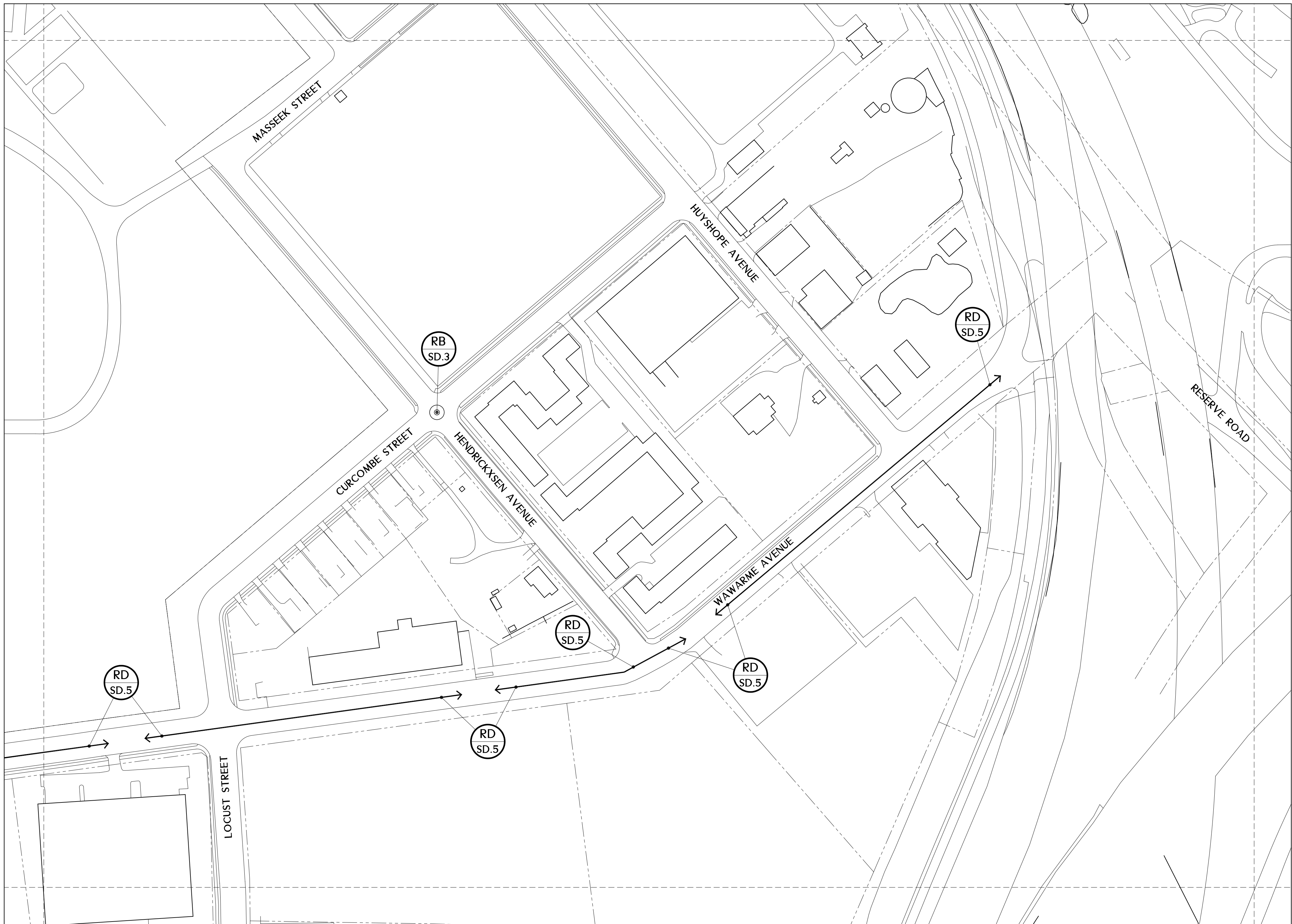
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|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

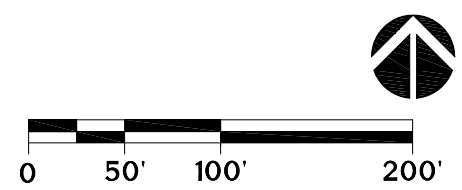
JULY 2005

NO.

**07**



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
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| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

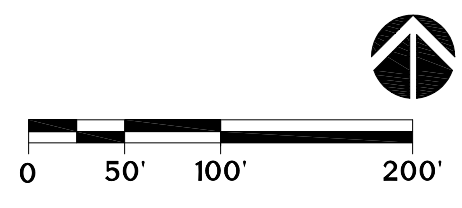
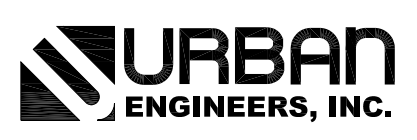
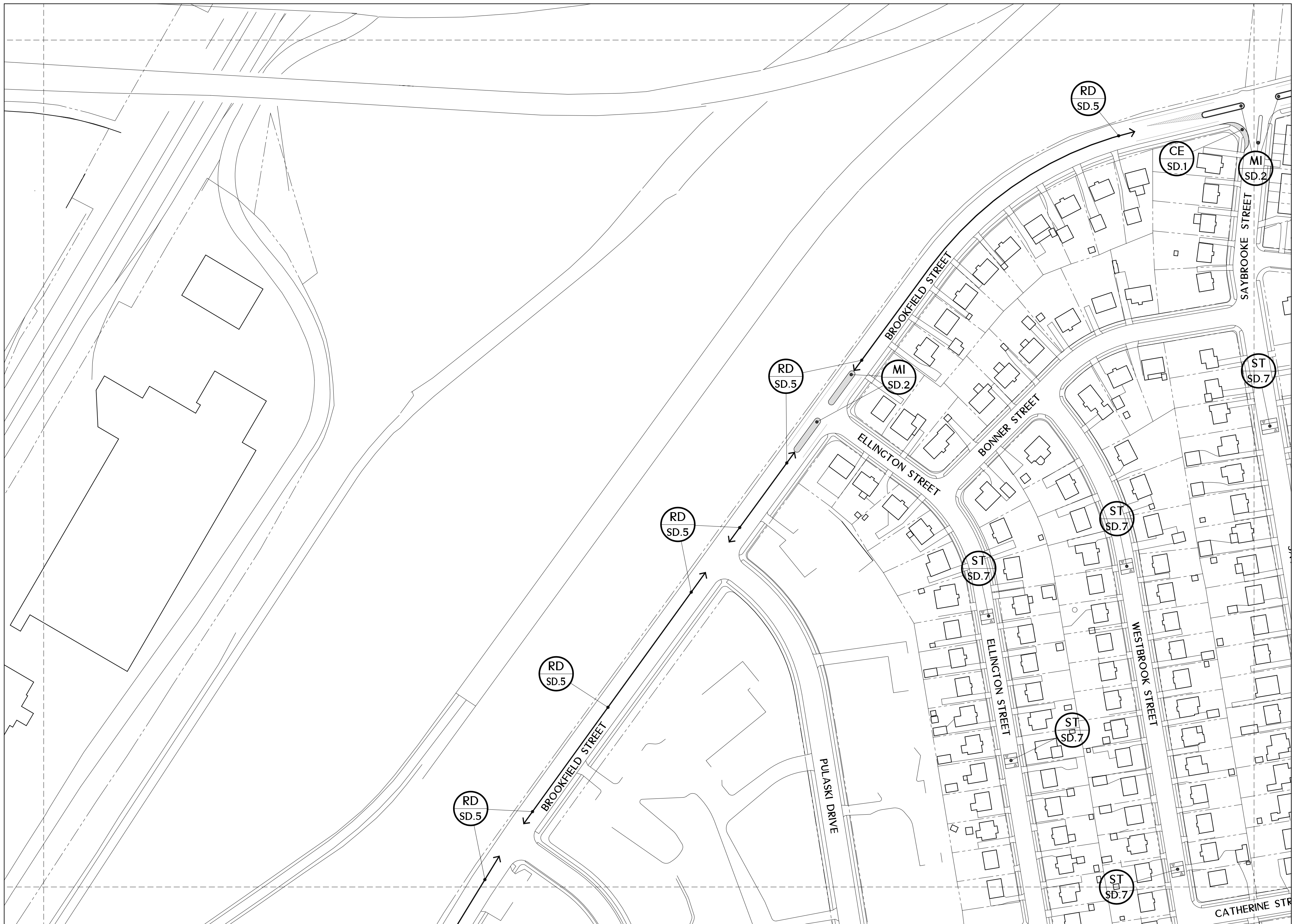
# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

**08**





- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

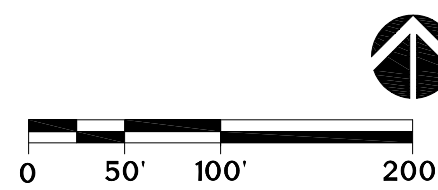
JULY 2005

NO.

P2



**URBAN**  
ENGINEERS, INC.

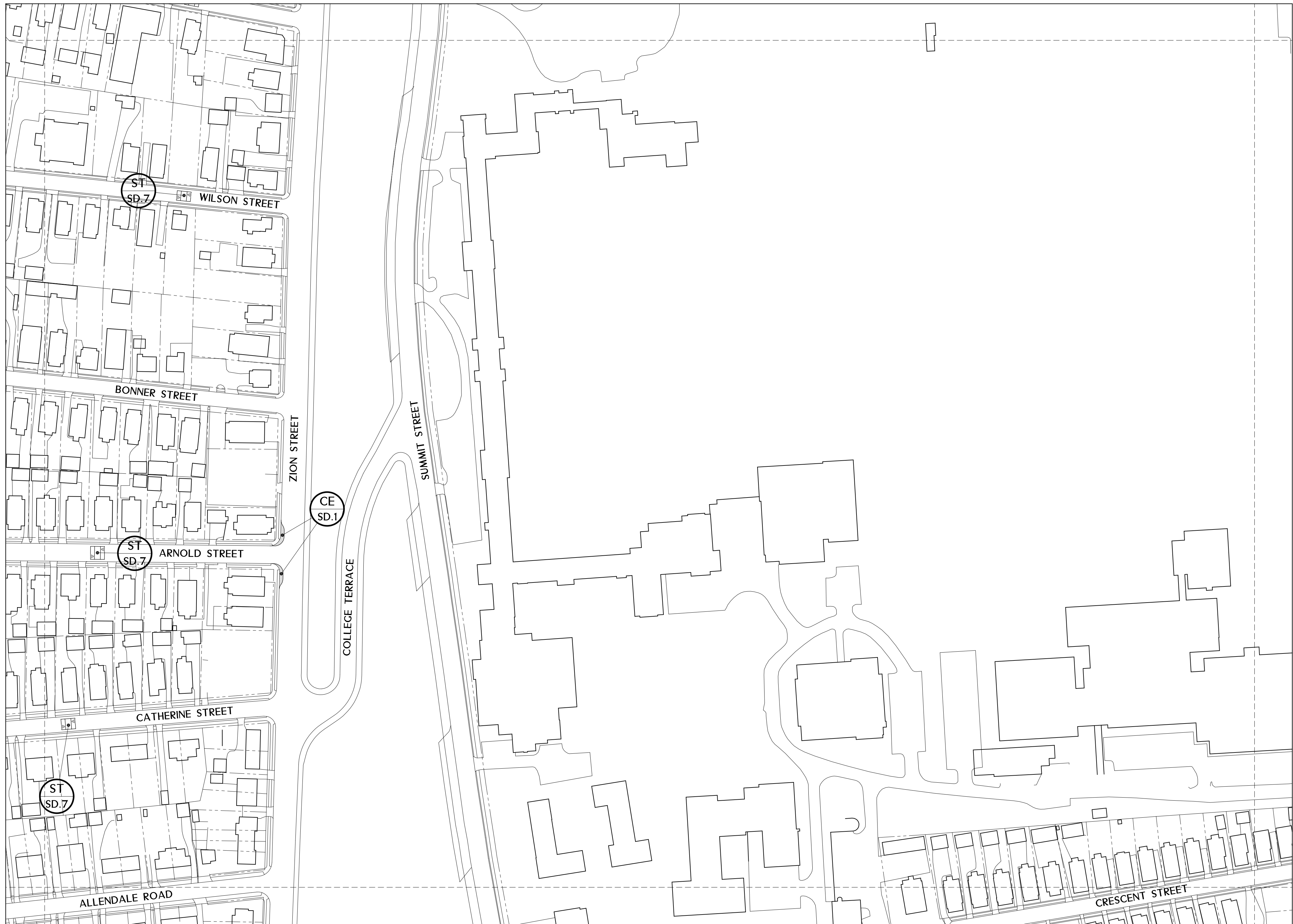


- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

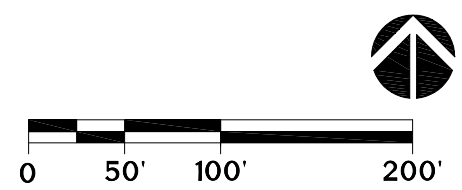
# HARTFORD TRAFFIC CALMING

JULY 2005

NO.



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

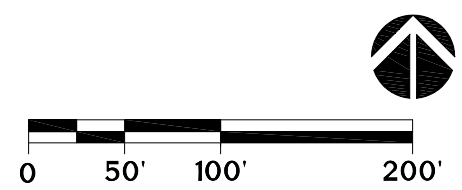
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P4





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
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| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

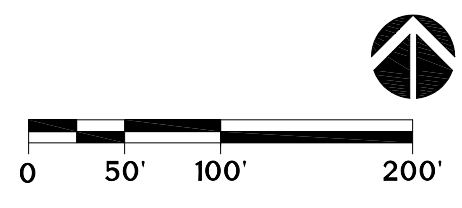
JULY 2005

NO.

P5



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

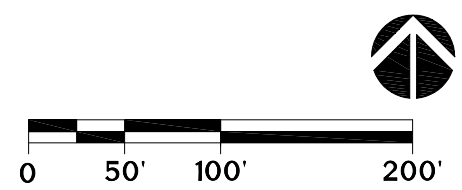
JULY 2005

NO.

P6



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

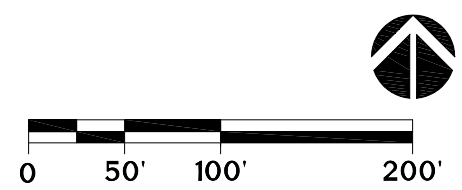
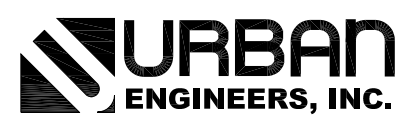
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JULY 2005

NO.

**P7**





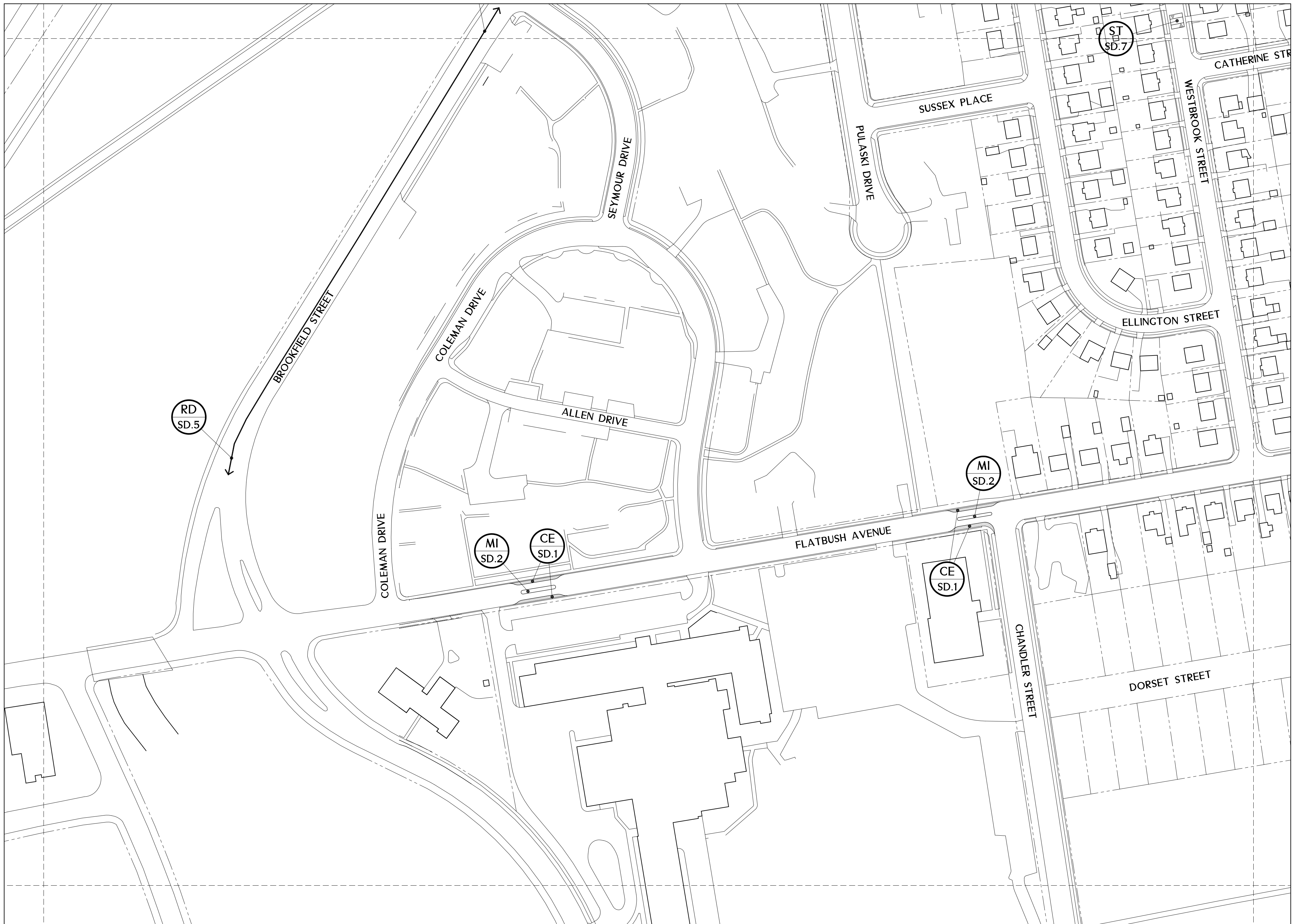
- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

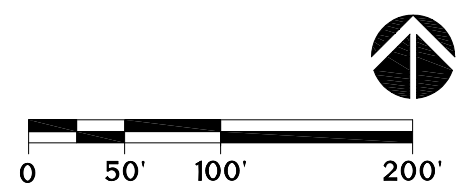
JULY 2005

NO.

Q1



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
EC ENHANCED CROSSWALK  
IR INTERSECTION REALIGNMENT  
MI MEDIAN ISLAND  
PC PARKING CHICANE  
RB ROUNDABOUT

RC RAISED CROSSWALK  
RD ROAD DIET  
RI RAISED INTERSECTION  
SC STREET CLOSURE  
ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

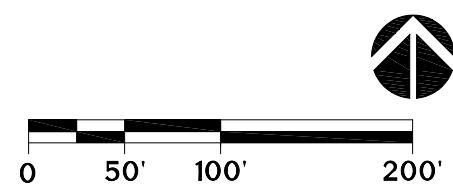
JULY 2005

NO.

Q2



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

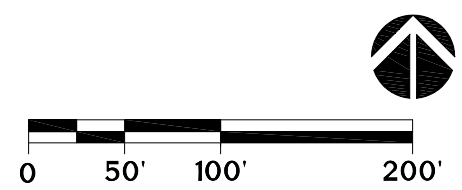
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Q3





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
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| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

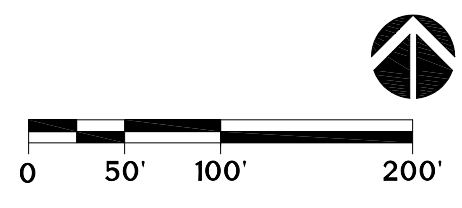
JULY 2005

NO.

**Q4**



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
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| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

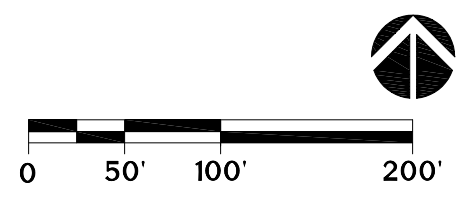
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**Q5**





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

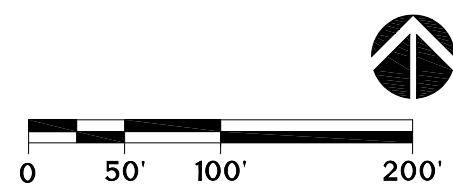
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Q6





**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

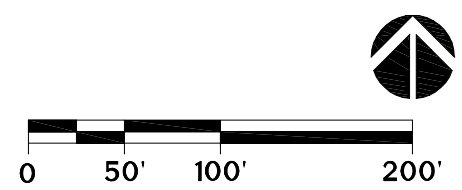
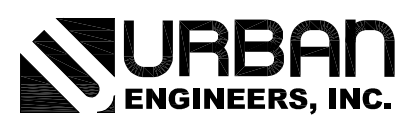
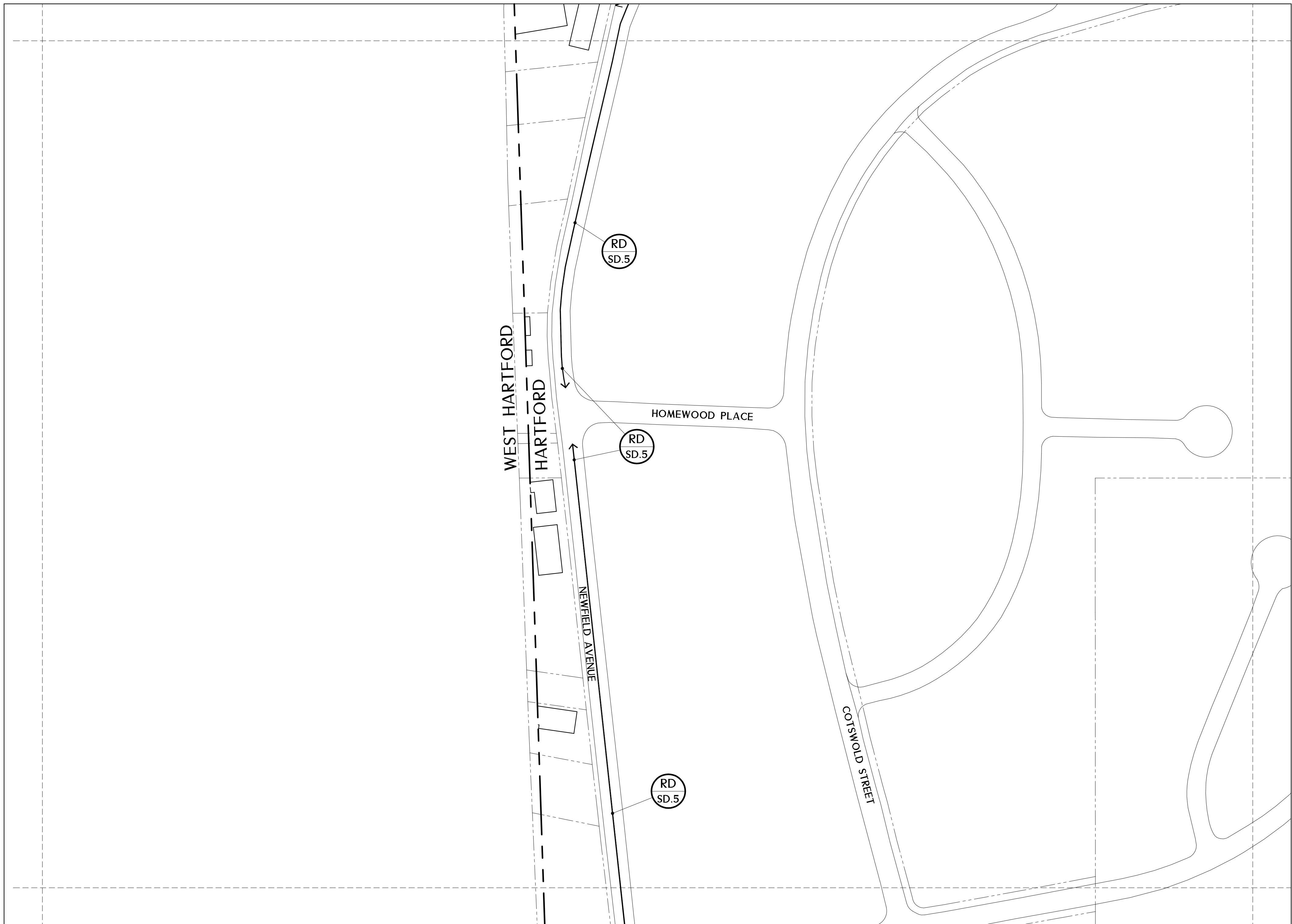
RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

**Q7**



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT

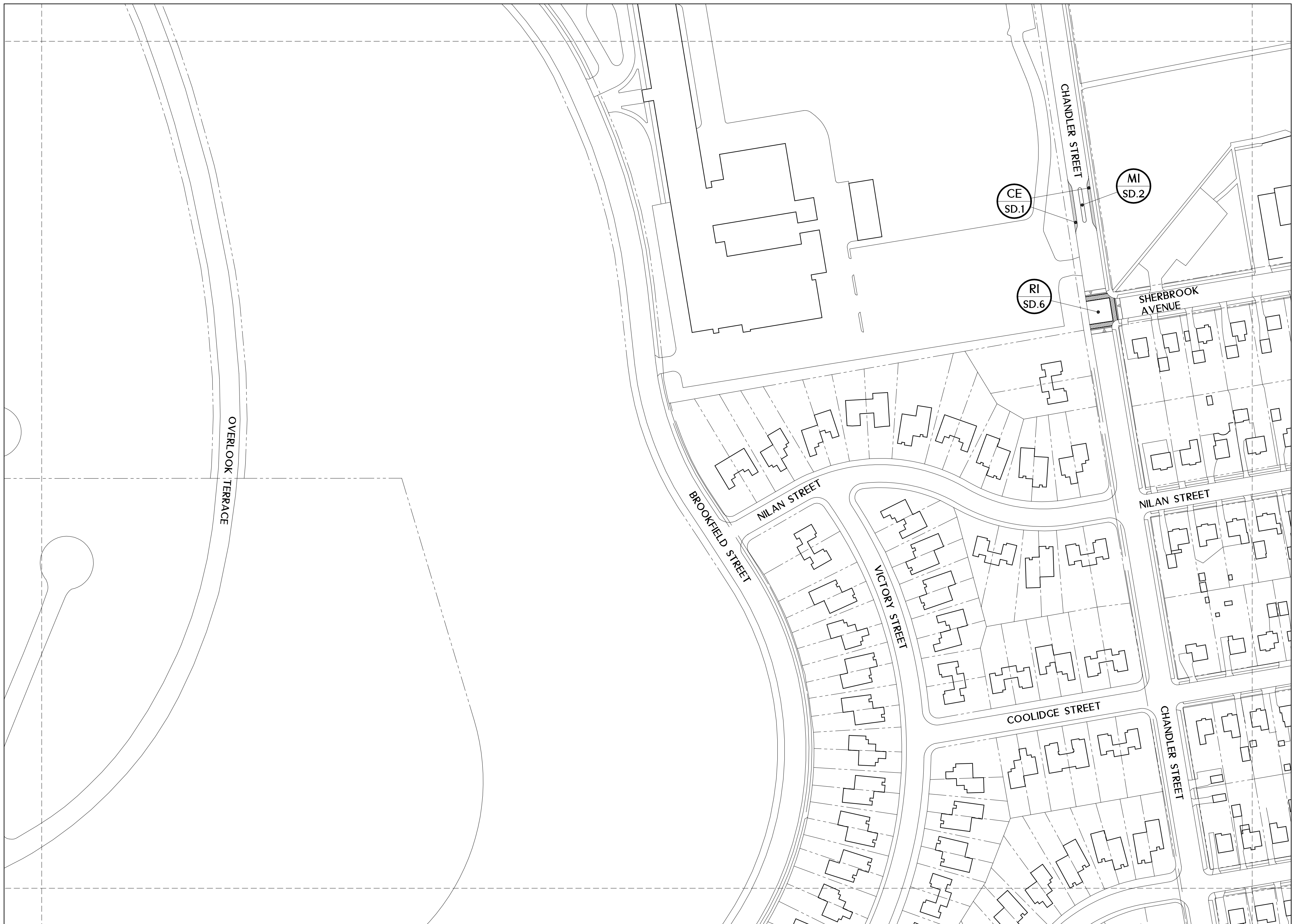
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

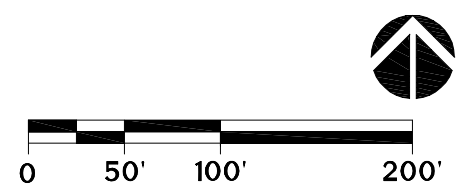
JULY 2005

NO.

R1



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

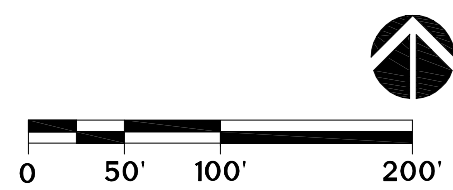
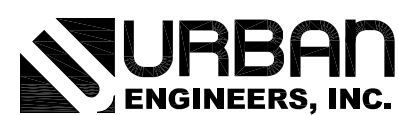
# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

R2





- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

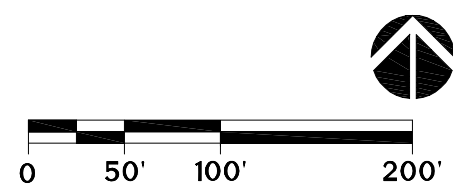
JULY 2005

NO.

R3



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
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| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

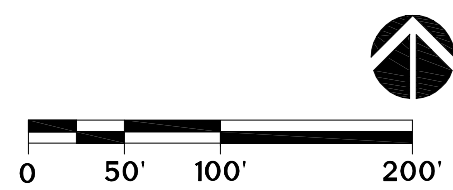
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R4





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
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| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

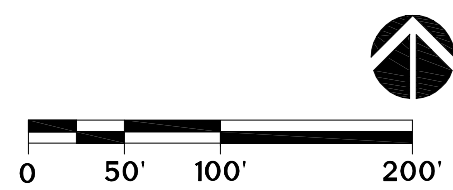
NO.

**R5**





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

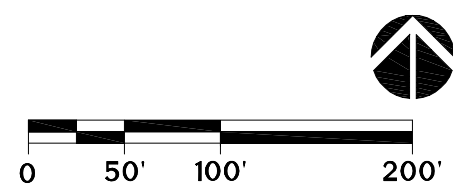
JULY 2005

NO.

R6



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

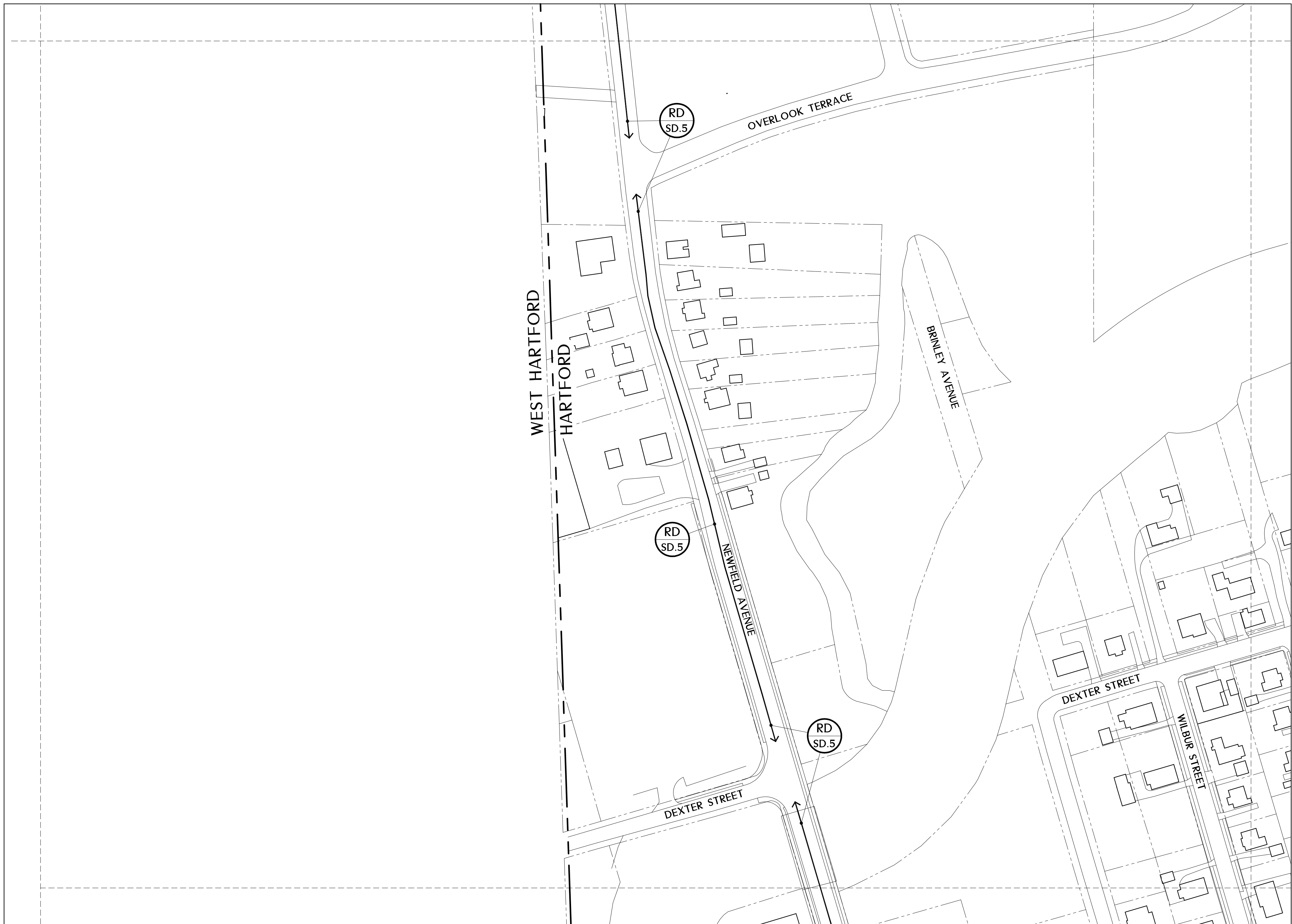
RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

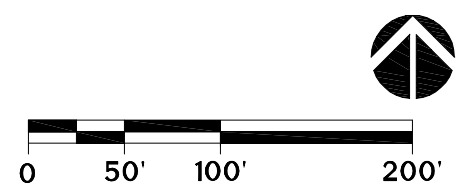
JULY 2005

NO.

**R7**



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

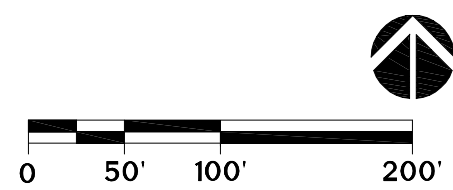
NO.

S1





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

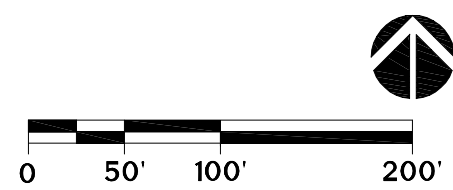
JULY 2005

NO.

S2



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

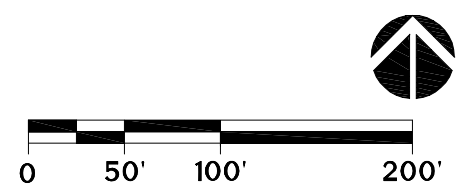
NO.

S3





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

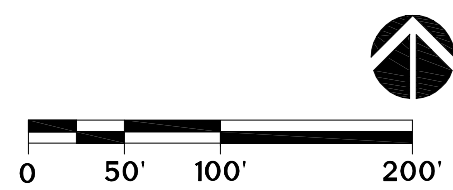
NO.

S4





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

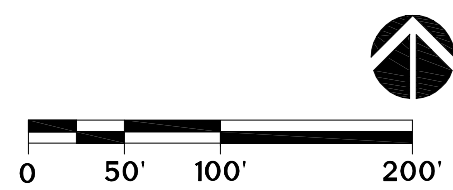
NO.

S5





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

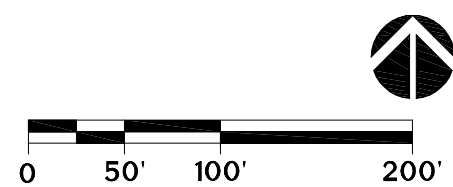
JULY 2005

NO.

S6



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

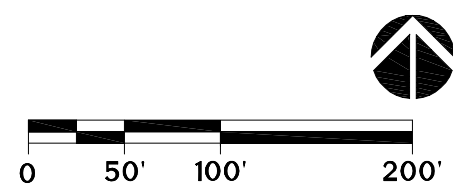
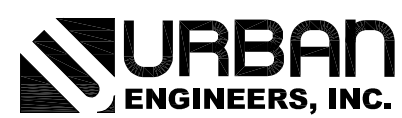
# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

S7





CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

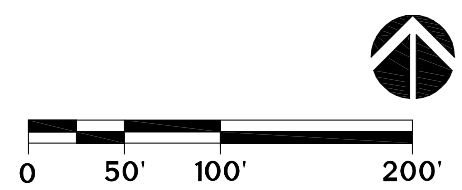
JULY 2005

NO.

T1



**URBAN**  
ENGINEERS, INC.



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

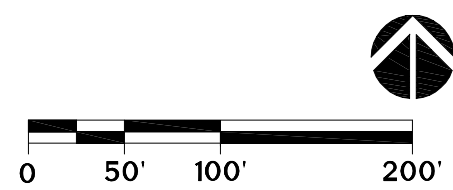
JULY 2005

NO.

T2



**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

JULY 2005

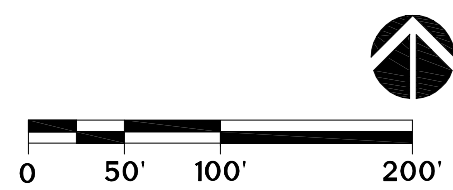
NO.

T3





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

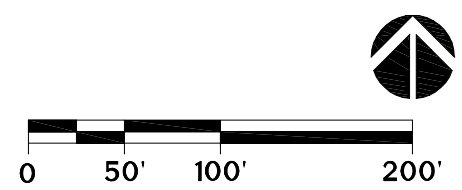
JULY 2005

NO.

T4



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

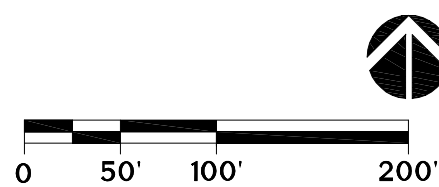
NO.

T5





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

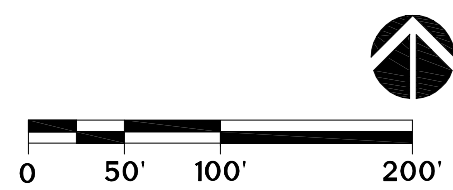
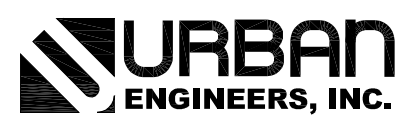
# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

T6





- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

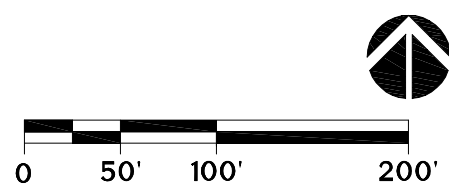
JULY 2005

NO.

T7



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
EC ENHANCED CROSSWALK  
IR INTERSECTION REALIGNMENT  
MI MEDIAN ISLAND  
PC PARKING CHICANE  
RB ROUNDABOUT

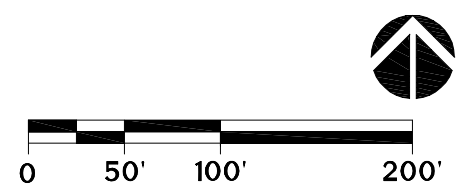
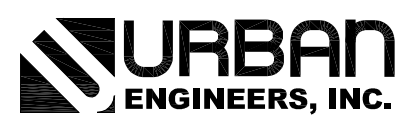
RC RAISED CROSSWALK  
RD ROAD DIET  
RI RAISED INTERSECTION  
SC STREET CLOSURE  
ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

NO.

U2



- CE CURB EXTENSION
- EC ENHANCED CROSSWALK
- IR INTERSECTION REALIGNMENT
- MI MEDIAN ISLAND
- PC PARKING CHICANE
- RB ROUNDABOUT
- RC RAISED CROSSWALK
- RD ROAD DIET
- RI RAISED INTERSECTION
- SC STREET CLOSURE
- ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

JULY 2005

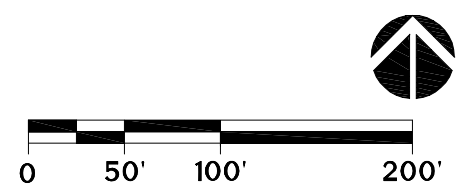
NO.

U3





**URBAN**  
ENGINEERS, INC.



- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

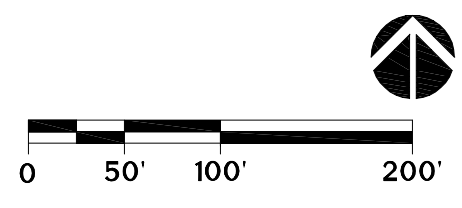
JULY 2005

NO.

U4



**URBAN**  
ENGINEERS, INC.



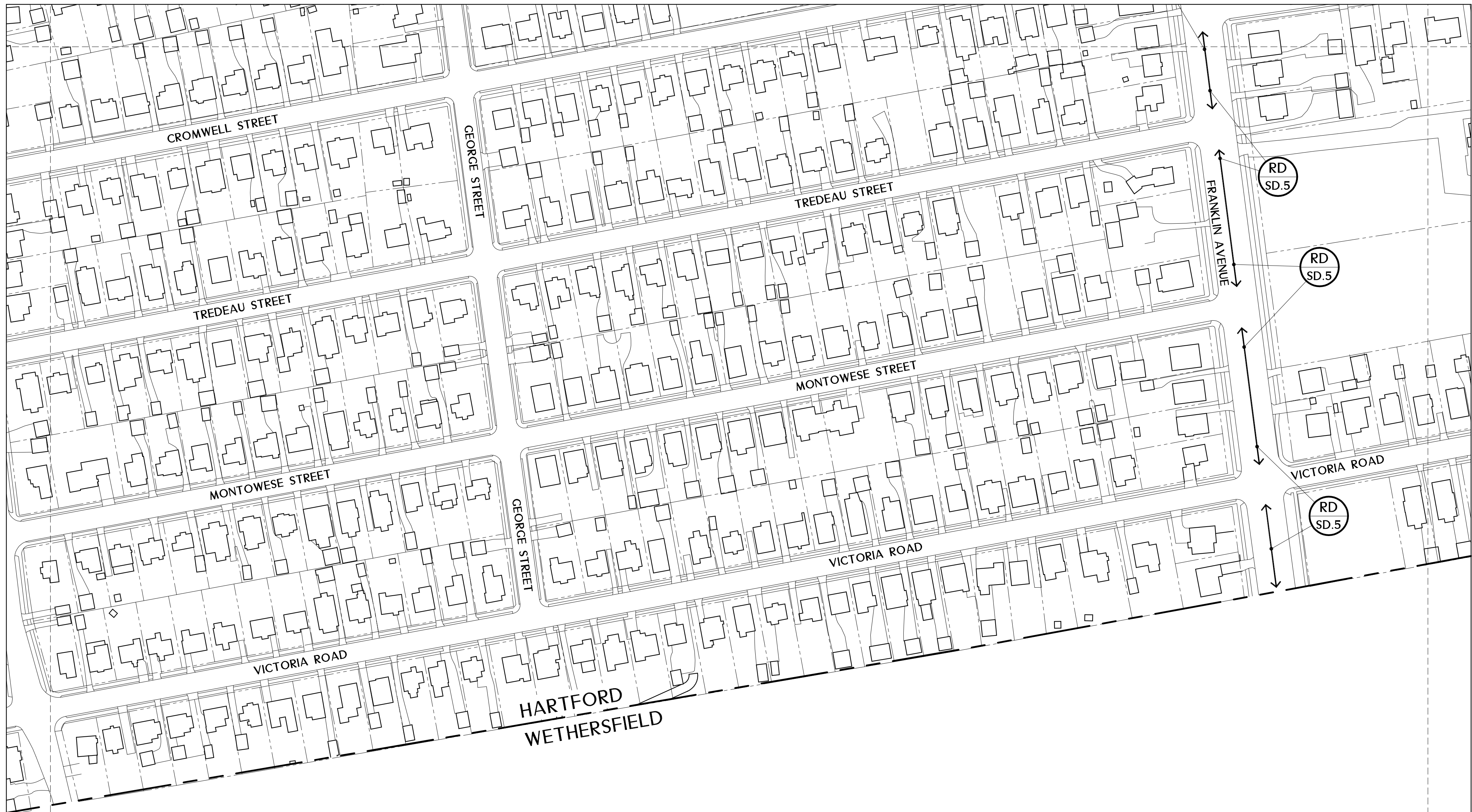
- |                             |                        |
|-----------------------------|------------------------|
| CE CURB EXTENSION           | RC RAISED CROSSWALK    |
| EC ENHANCED CROSSWALK       | RD ROAD DIET           |
| IR INTERSECTION REALIGNMENT | RI RAISED INTERSECTION |
| MI MEDIAN ISLAND            | SC STREET CLOSURE      |
| PC PARKING CHICANE          | ST SPEED TABLE         |
| RB ROUNDABOUT               |                        |

# HARTFORD TRAFFIC CALMING

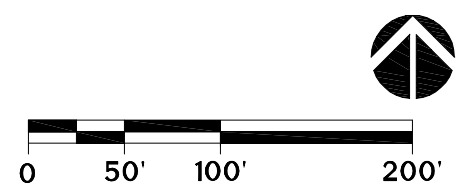
JULY 2005

NO.

**U5**



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

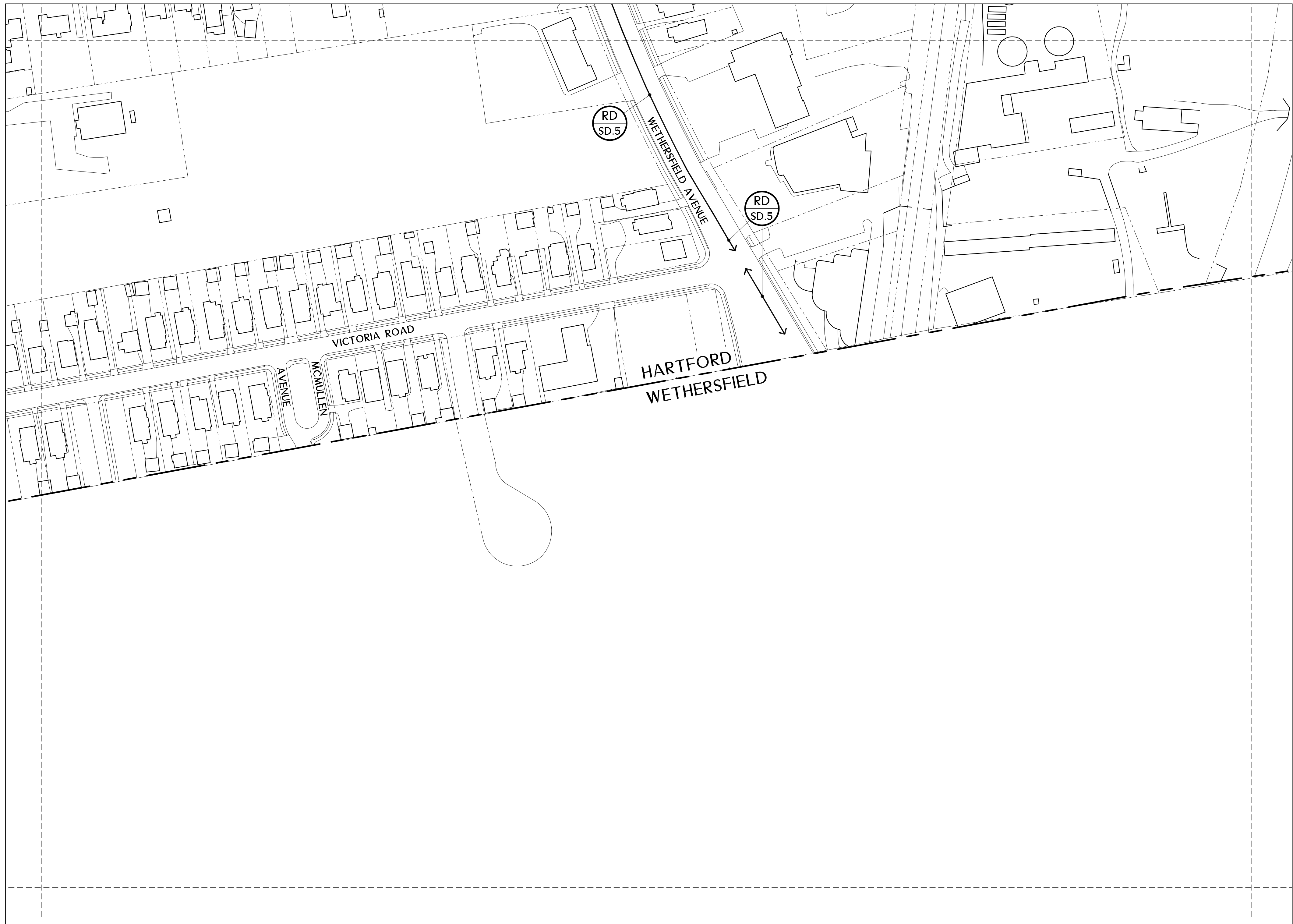
# HARTFORD TRAFFIC CALMING

JULY 2005

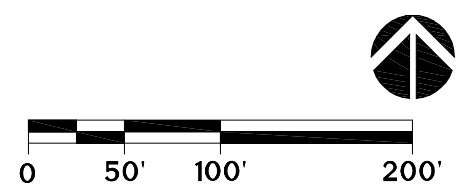
NO.

U6





**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

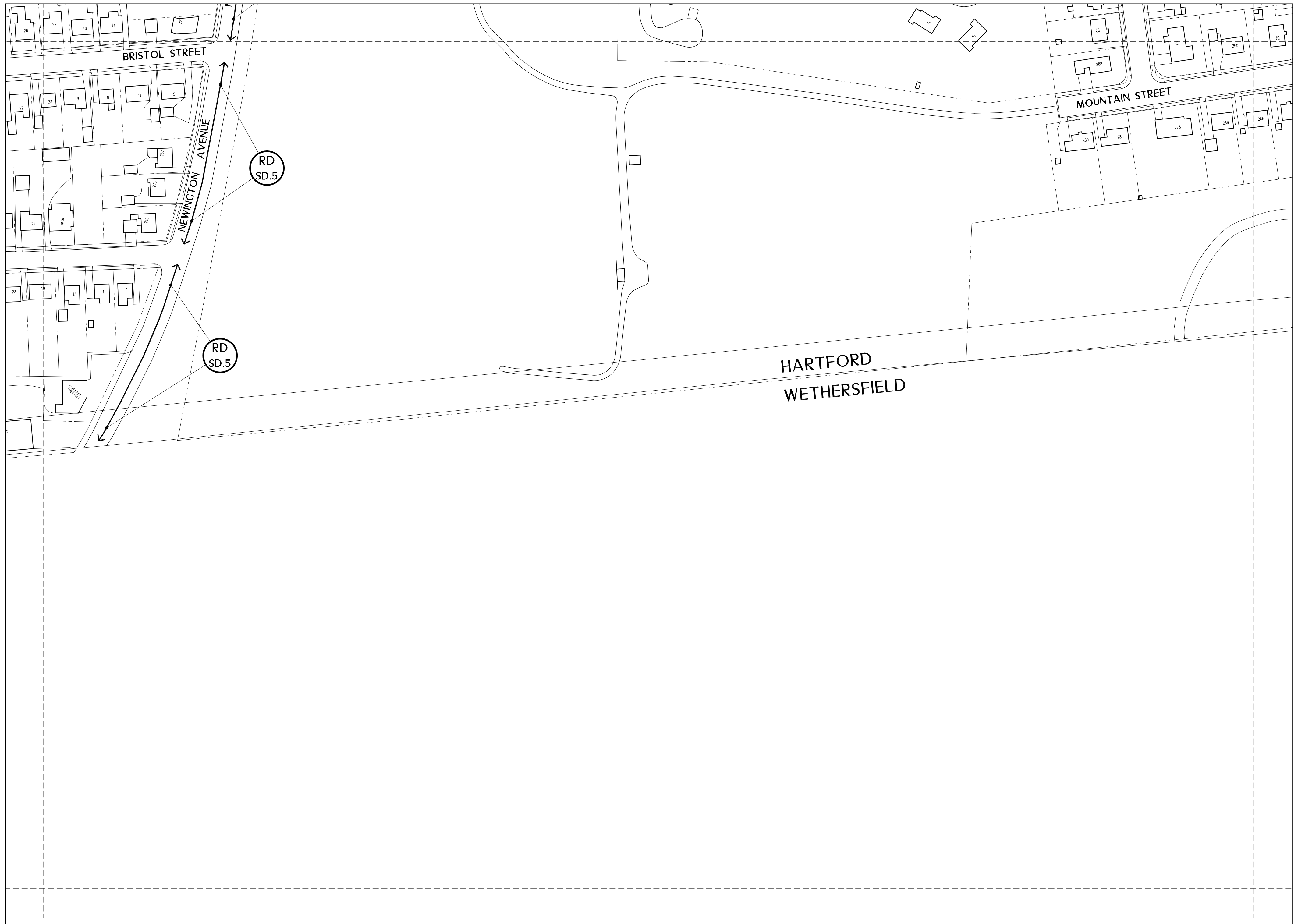
RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

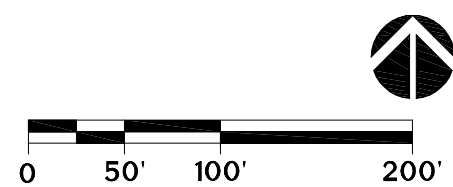
JULY 2005

NO.

**U7**



**URBAN**  
ENGINEERS, INC.



CE CURB EXTENSION  
EC ENHANCED CROSSWALK  
IR INTERSECTION REALIGNMENT  
MI MEDIAN ISLAND  
PC PARKING CHICANE  
RB ROUNDABOUT

RC RAISED CROSSWALK  
RD ROAD DIET  
RI RAISED INTERSECTION  
SC STREET CLOSURE  
ST SPEED TABLE

# HARTFORD TRAFFIC CALMING

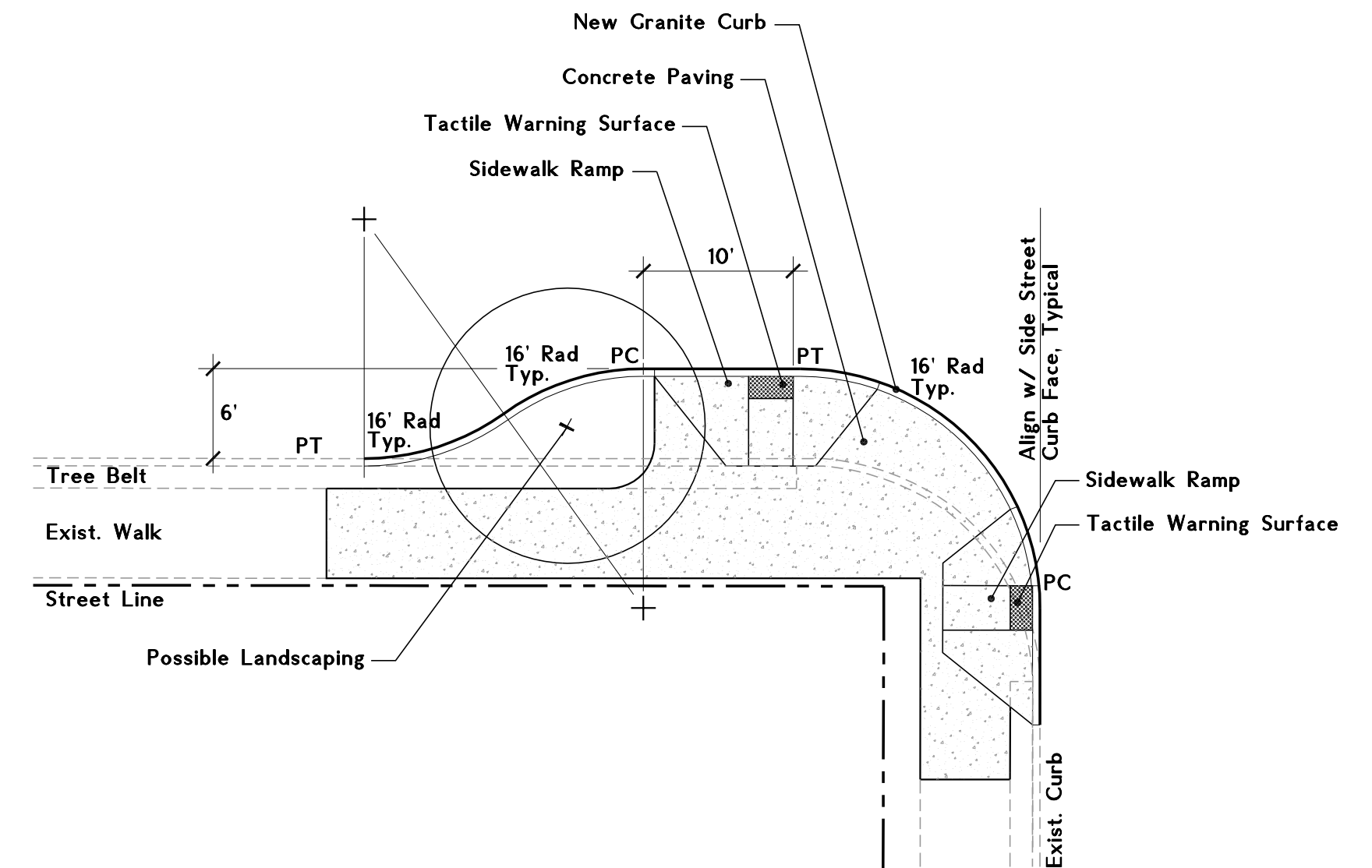
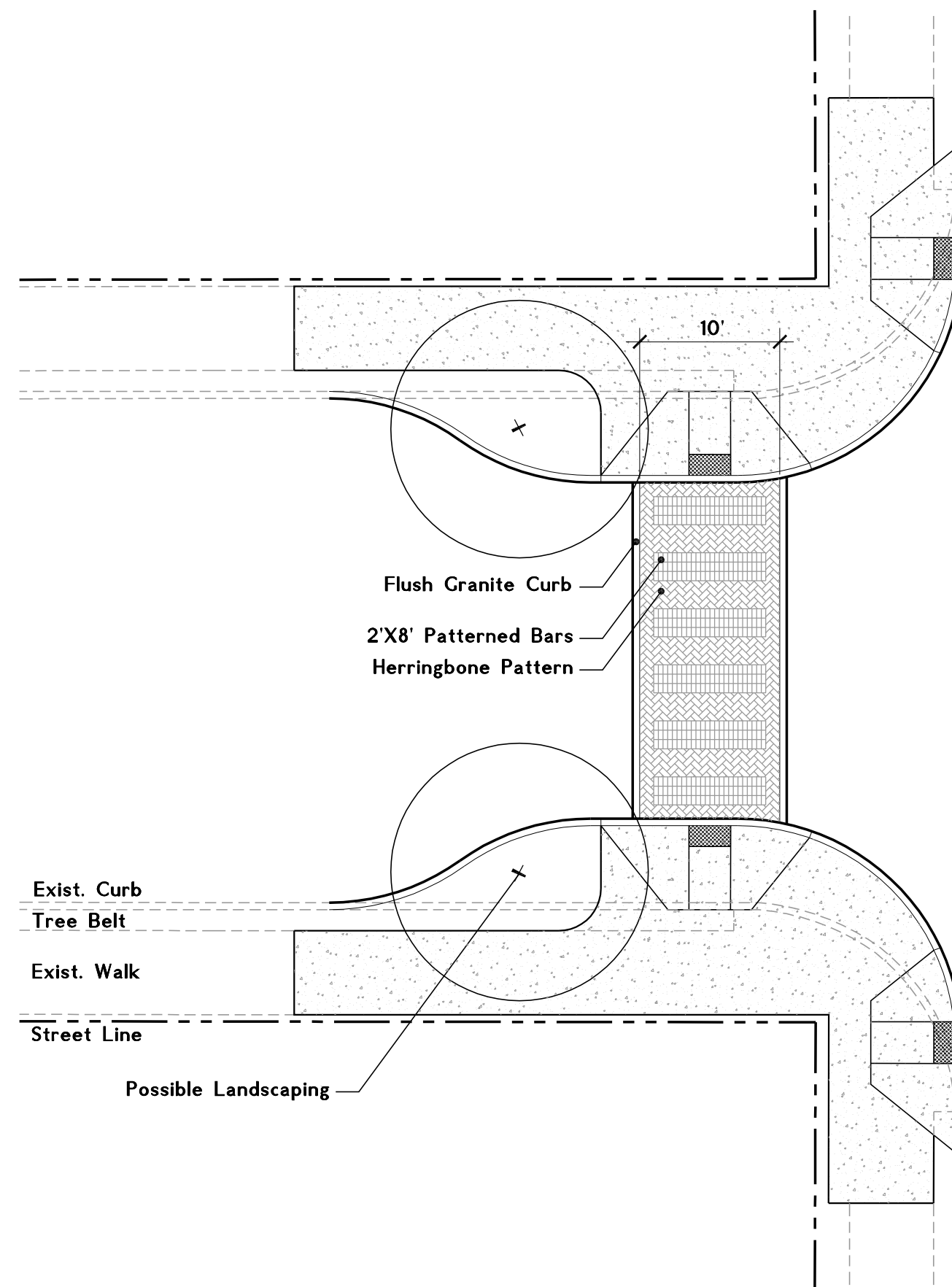
JULY 2005

NO.

V2

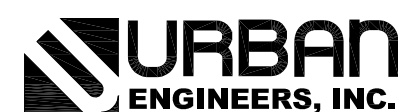
## General Notes:

1. The details shown on this sheet are presented for illustrative purposes only. They are not intended to be used for construction at specific locations. The intent of each detail is to provide a concept for the design of the device being proposed and the materials that may be used for its implementation. No warranty is made as to the constructability or feasibility of constructing any device exactly as shown in any proposed location.
2. Field reviews and base mapping provided by the City of Hartford have been used to determine the viability of installing traffic calming devices with respect to the location of existing surface features such as driveways and drainage structures. No utility or subsurface research has been conducted to investigate the possibility of subsurface conflicts which may exist.
3. The dimensions indicated on the details are provided for illustrative purposes. These dimensions should be verified by the designer to accommodate actual field conditions and design requirements.
4. Prior to the implementation of raised intersections and cross walks, the designer is cautioned to investigate the type of low clearance traffic that may utilize the street under consideration. Low clearance vehicles may not be able to traverse raised intersections and raised cross walks.
5. All traffic calming devices and signs to be constructed are to be designed in conformance with the requirements of AASHTO—Policy On Geometric Design Of Highways And Streets, latest edition, the Manual on Uniform Traffic Control Devices, MUTCD, latest edition and all Federal, State, and Local requirements including accessibility requirements (ADA).



**EC** Typical Enhanced Crosswalk (shown w/ curb extensions)  
Not to Scale

**CE** Typical Curb Extension  
Not to Scale



CE CURB EXTENSION  
EC ENHANCED CROSSWALK  
IR INTERSECTION REALIGNMENT  
MI MEDIAN ISLAND  
PC PARKING CHICANE  
RB ROUNDABOUT

RC RAISED CROSSWALK  
RD ROAD DIET  
RI RAISED INTERSECTION  
SC STREET CLOSURE  
ST SPEED TABLE

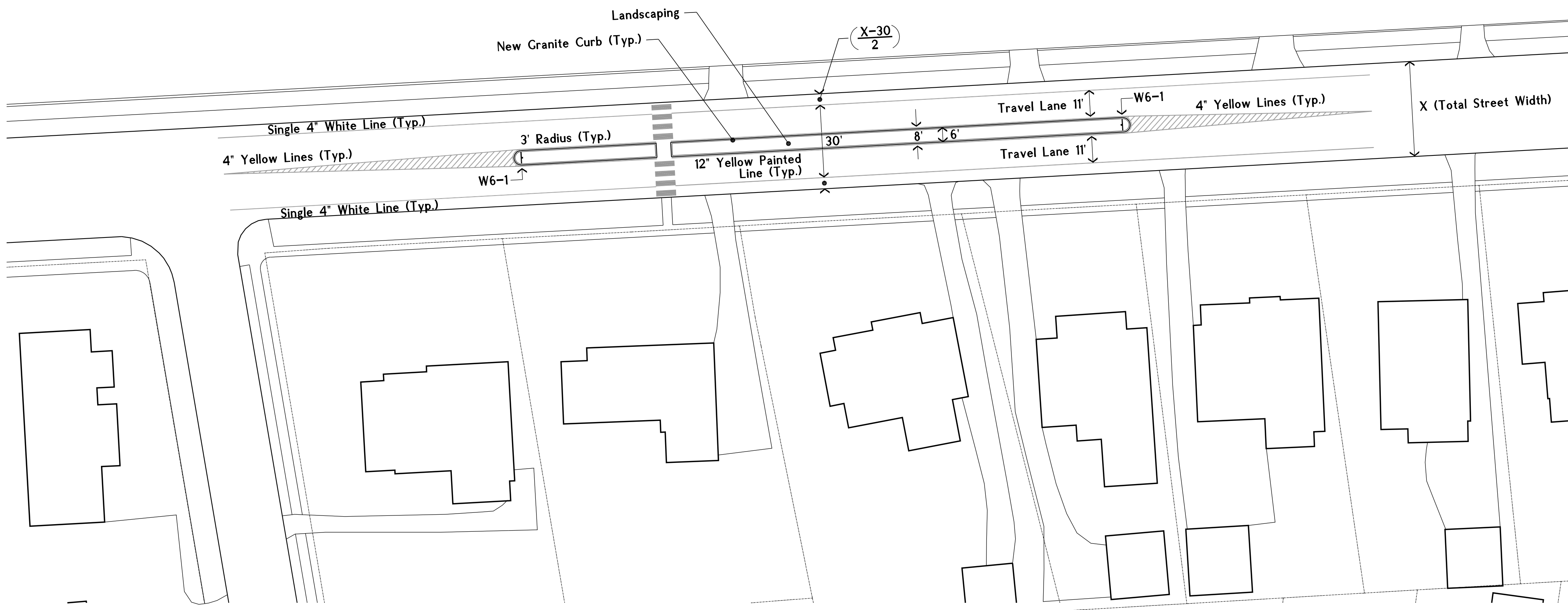
STANDARD DETAILS  
HARTFORD TRAFFIC CALMING  
TYPICAL ENHANCED CROSSWALK/ CURB EXTENSION

JULY 2005

NO.

SD.1

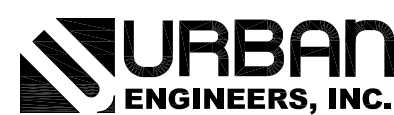




**General Notes:**

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**MI Typical Median Island**  
Not to Scale



CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

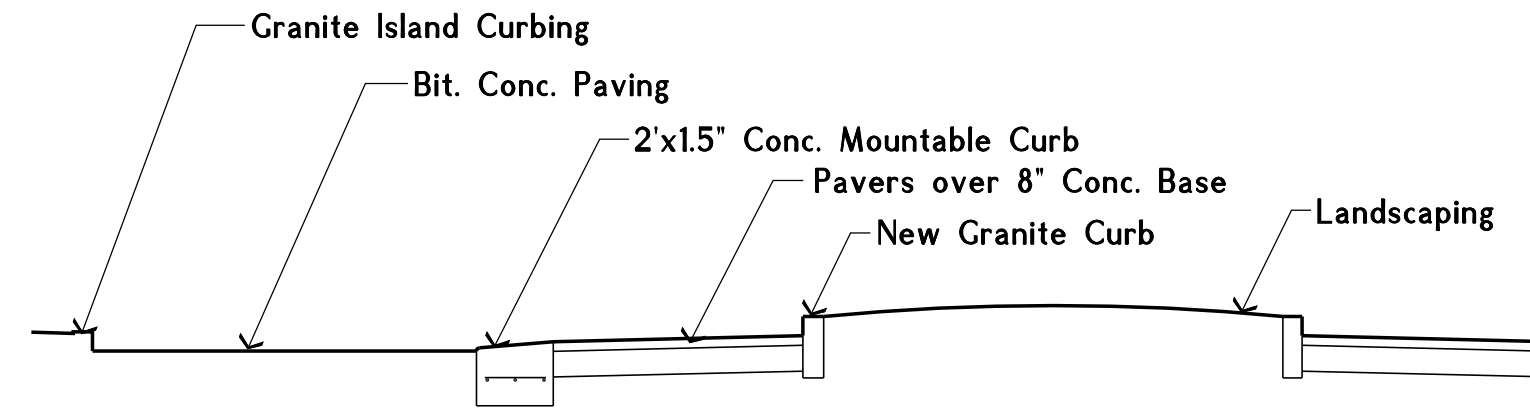
RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

STANDARD DETAILS  
 HARTFORD TRAFFIC CALMING  
 TYPICAL MEDIAN ISLAND

JULY 2005  
 NO.  
**SD.2**

NOTE:  
Existing ped. ramp at corner to be removed & radial curb reset or replaced as required (typical for all corners)

Pedestrian Ramp with Tactile Warning Strip (Typ.)



Section A-A  
Not to Scale

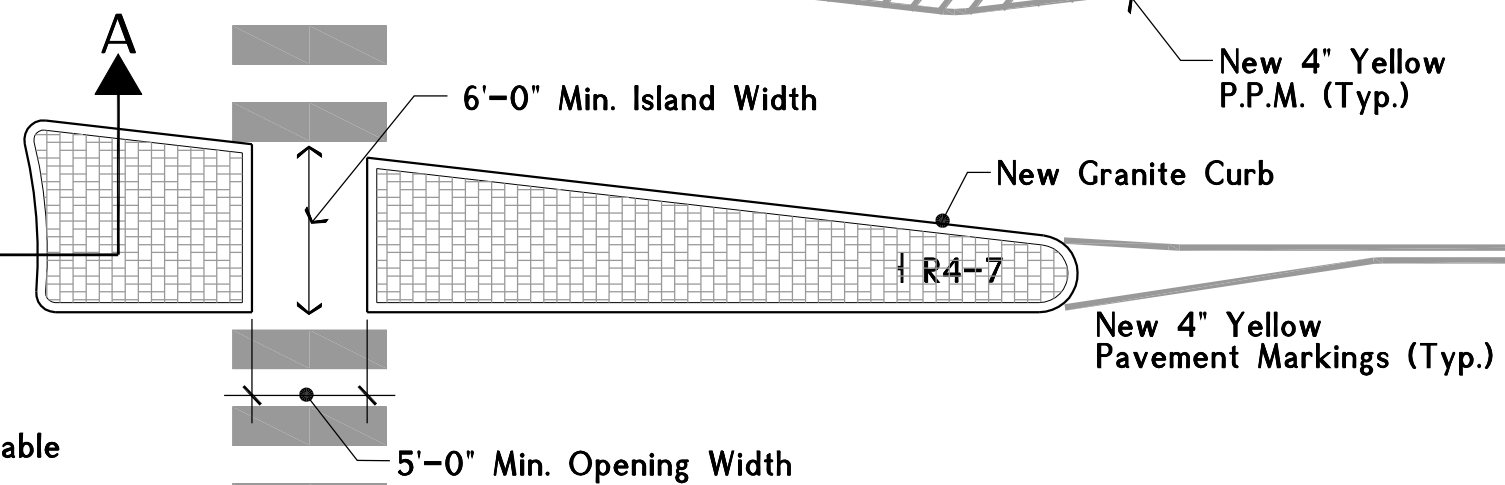
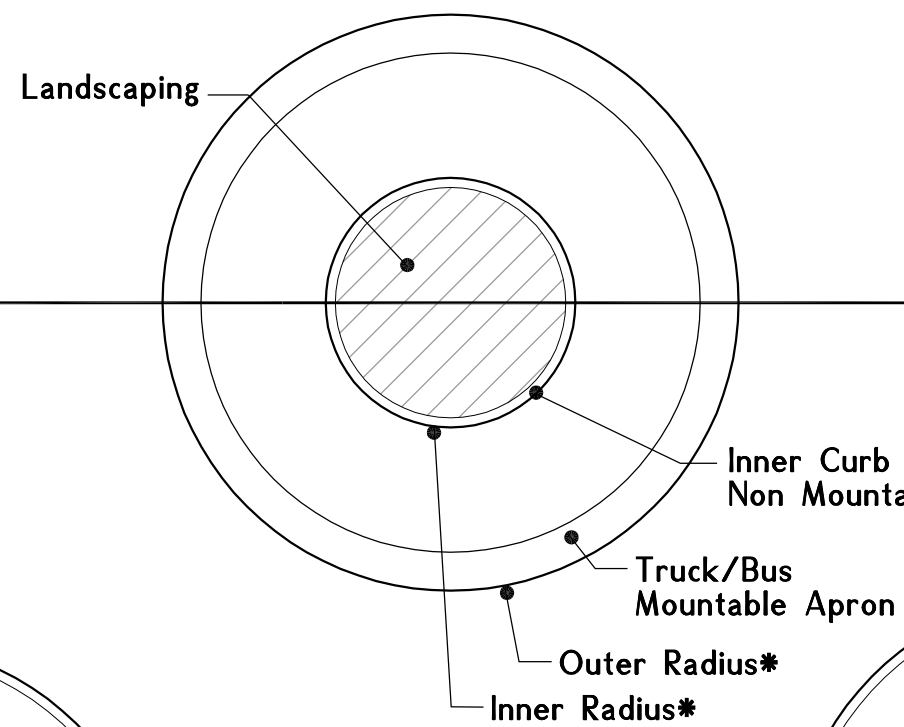
Street Line (Typ.)

WALK - Width Varies

W3-5a

Extg. Curb Line

W3-4a  
Extg. Curb Line (Typ.)



Street Line (Typ.)

WALK - Width Varies

Extg. Curb Line

R4-7

New 4" Yellow Pavement Markings (Typ.)

Extg. Curb Line

W3-5a

WALK - Width Varies

Street Line (Typ.)

**General Notes:**

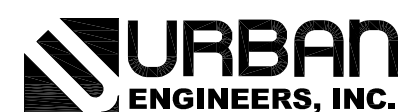
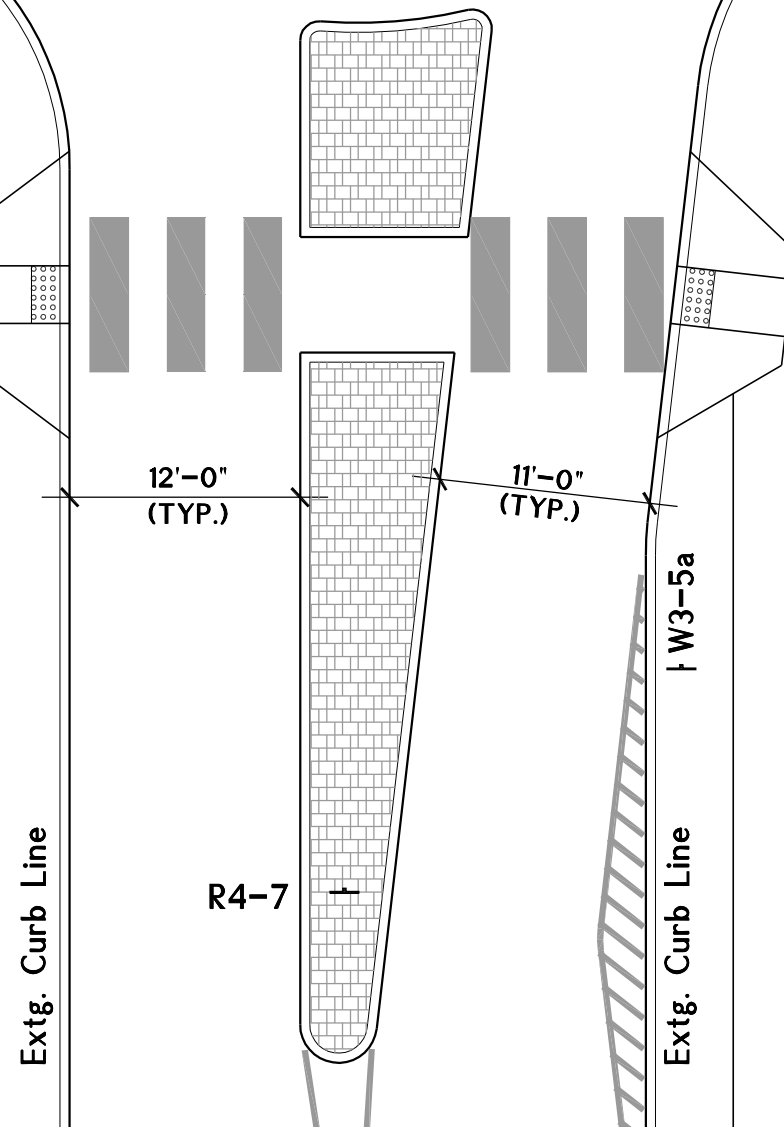
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Street Line (Typ.)

**Site Specific Notes:**

- \* The size of the inner and outer radii shall be determined by using the appropriate vehicle turning template and designed according to the following criteria:
1. All passenger cars can navigate the intersection without having to use the Truck/Bus apron.
  2. All Trucks/Busses can navigate the intersection without having to impact the inner curb.
  3. If the inner Radius (non-mountable) as determined by #2 above is less than 4', then the designer should consider making the entire center island mountable.

**RB** Typical Roundabout  
Not to Scale



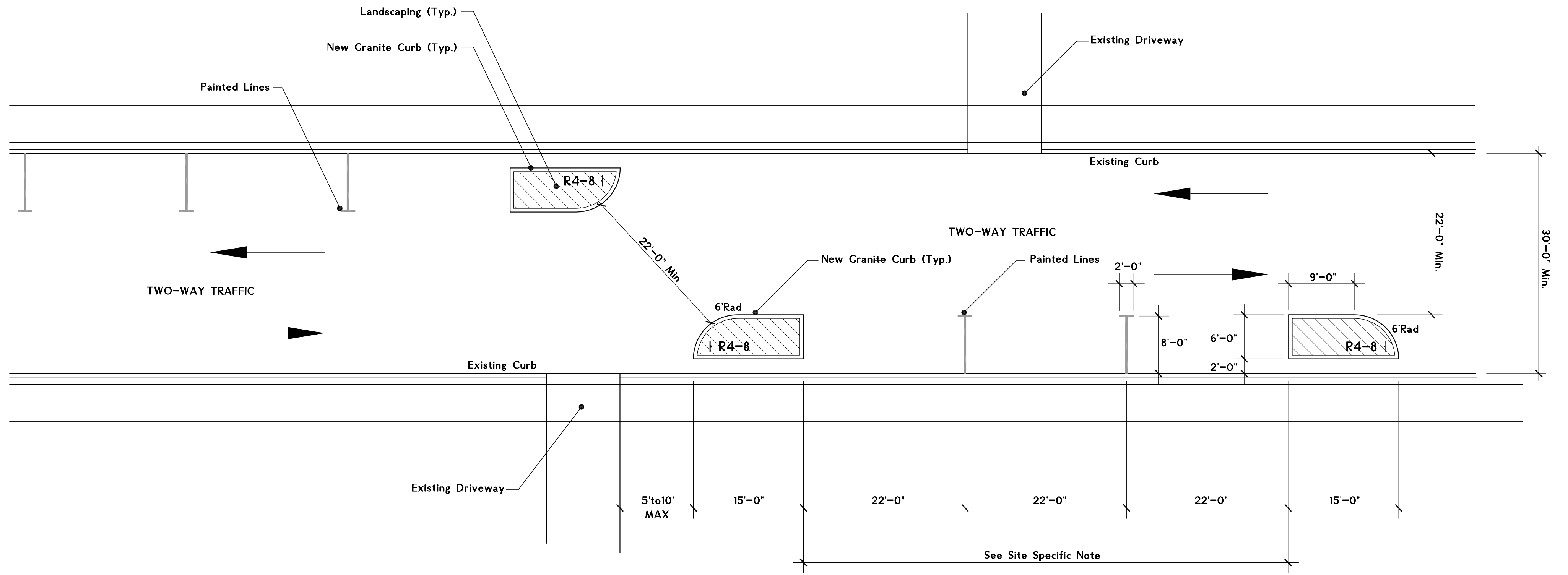
CE CURB EXTENSION  
EC ENHANCED CROSSWALK  
IR INTERSECTION REALIGNMENT  
MI MEDIAN ISLAND  
PC PARKING CHICANE  
RB ROUNDABOUT  
RC RAISED CROSSWALK  
RD ROAD DIET  
RI RAISED INTERSECTION  
SC STREET CLOSURE  
ST SPEED TABLE

STANDARD DETAILS  
HARTFORD TRAFFIC CALMING  
TYPICAL ROUNDABOUT

JULY 2005

NO.

SD.3



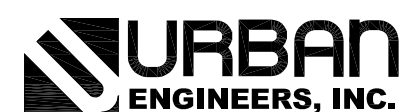
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### Site Specific Note:

The number of parking spaces shall be determined by the distance between driveway openings. Angular parking may be utilized where street width permits.

**PC** Typical Parking Chicane for Parallel Parking  
Not to Scale



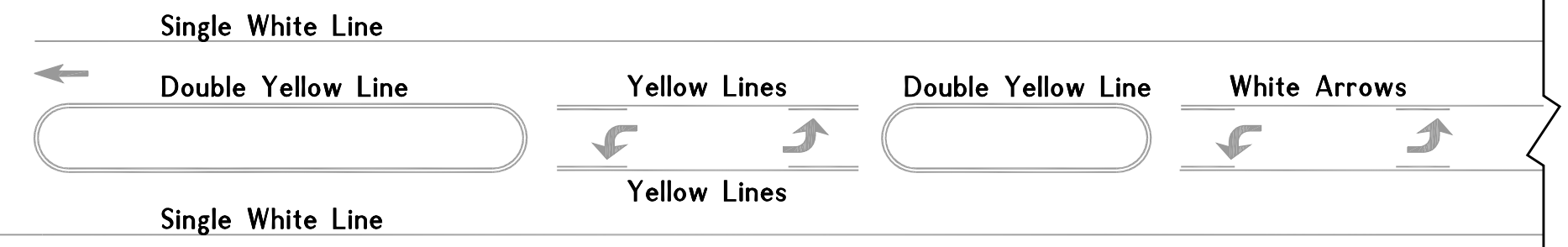
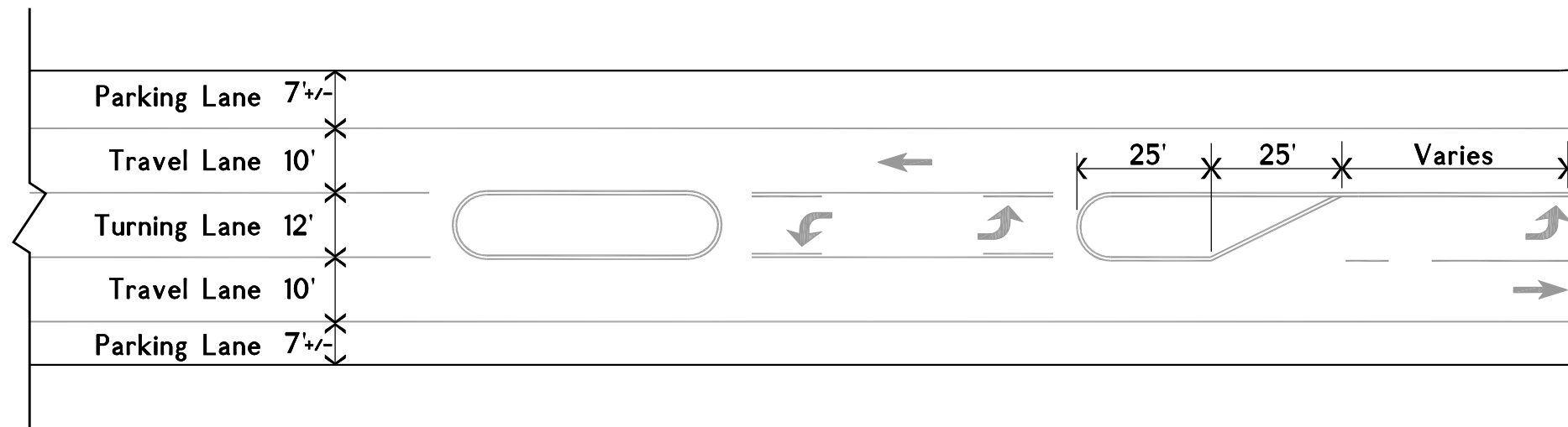
CE CURB EXTENSION  
EC ENHANCED CROSSWALK  
IR INTERSECTION REALIGNMENT  
MI MEDIAN ISLAND  
PC PARKING CHICANE  
RB ROUNDABOUT

RC RAISED CROSSWALK  
RD ROAD DIET  
RI RAISED INTERSECTION  
SC STREET CLOSURE  
ST SPEED TABLE

STANDARD DETAILS  
HARTFORD TRAFFIC CALMING  
TYPICAL PARKING CHICANE (PARALLEL)

JULY 2005  
NO.  
**SD.4**



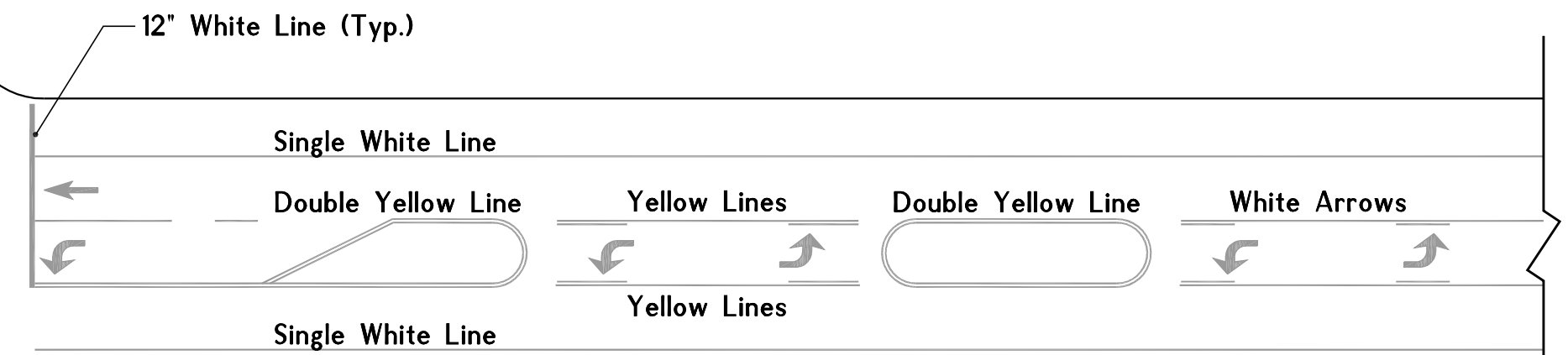
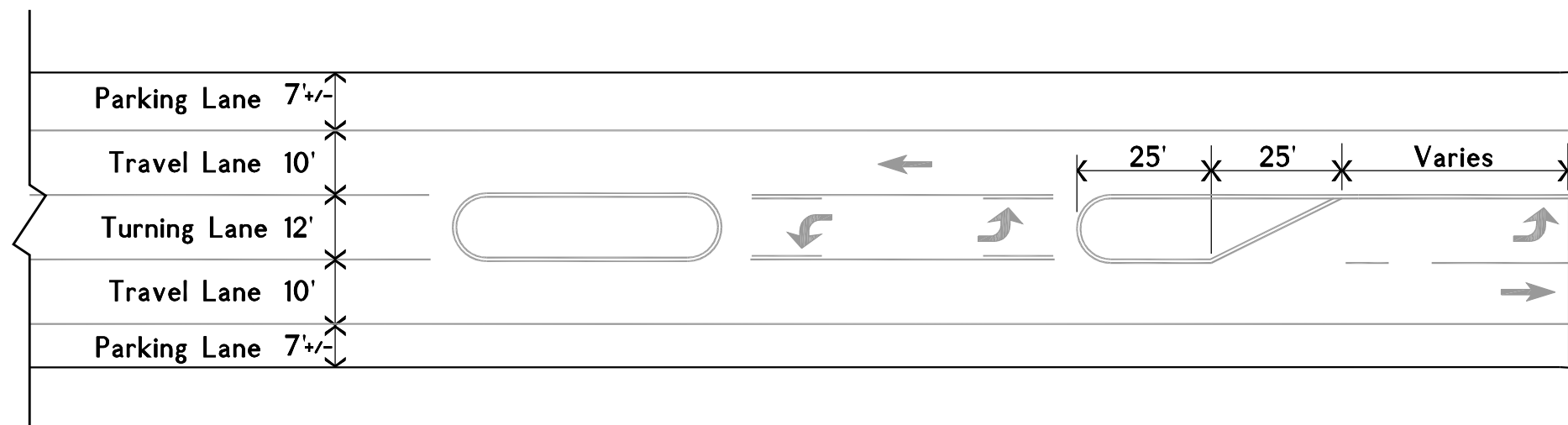


### Site Specific Notes:

1. Storage lengths and refuge islands to be determined during final design.
2. Existing parking to be maintained.
3. Defined (marked) parking stalls. 8' width on one side and 8' +/- on the other side.
4. The final design should be drawn to scale to determine exact locations of pavement arrows & signing. Lane width to be adjusted accordingly.
5. Pavement marking lines are 4" wide.

## Road Diet

### RD Typical Markings @ 3-Way Intersection (Signalized or Non Signalized)

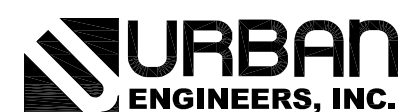


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## Road Diet

### RD Typical Markings @ 4-Way Intersection (Signalized or Non Signalized)

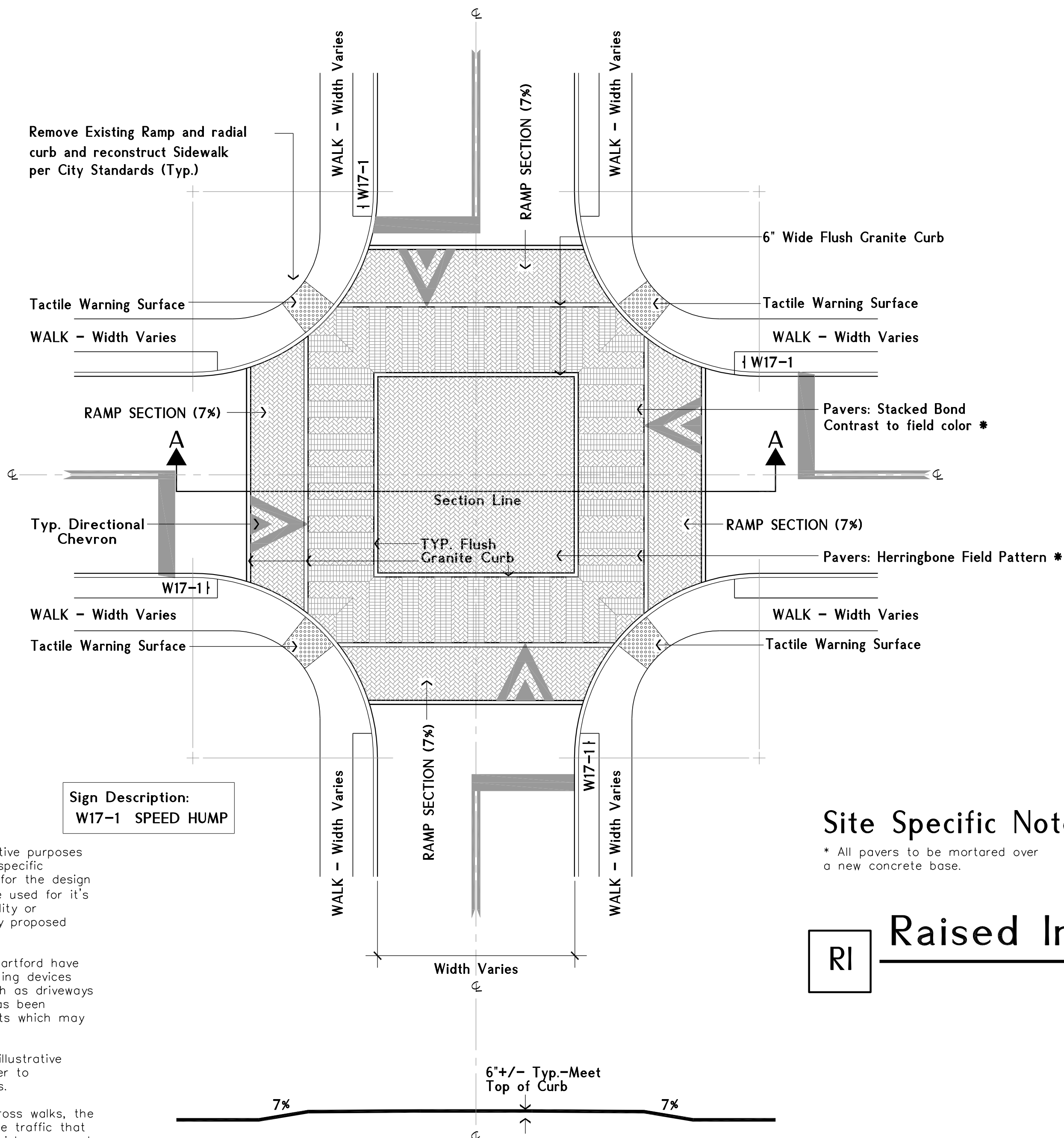


CE CURB EXTENSION  
 EC ENHANCED CROSSWALK  
 IR INTERSECTION REALIGNMENT  
 MI MEDIAN ISLAND  
 PC PARKING CHICANE  
 RB ROUNDABOUT

RC RAISED CROSSWALK  
 RD ROAD DIET  
 RI RAISED INTERSECTION  
 SC STREET CLOSURE  
 ST SPEED TABLE

STANDARD DETAILS  
 HARTFORD TRAFFIC CALMING  
 TYPICAL ROAD DIET (3-WAY & 4-WAY INTERSECTION)

JULY 2005  
 NO.  
 SD.5



Sign Description:  
W17-1 SPEED HUMP

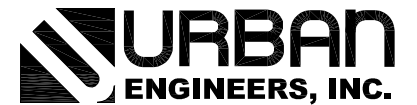
Site Specific Note:  
\* All pavers to be mortared over a new concrete base.

**RI** Raised Intersection

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Section A-A  
Not to Scale

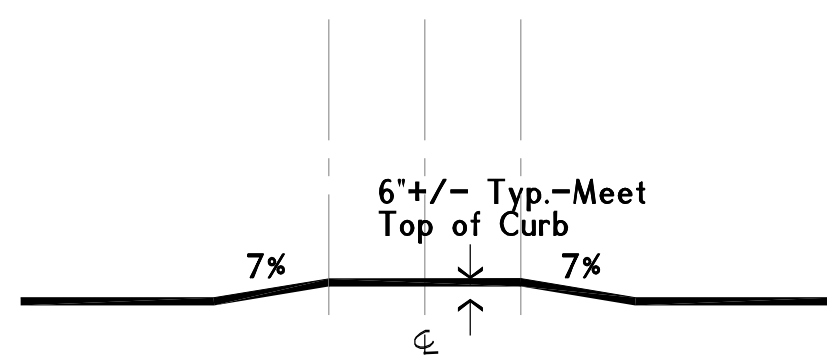
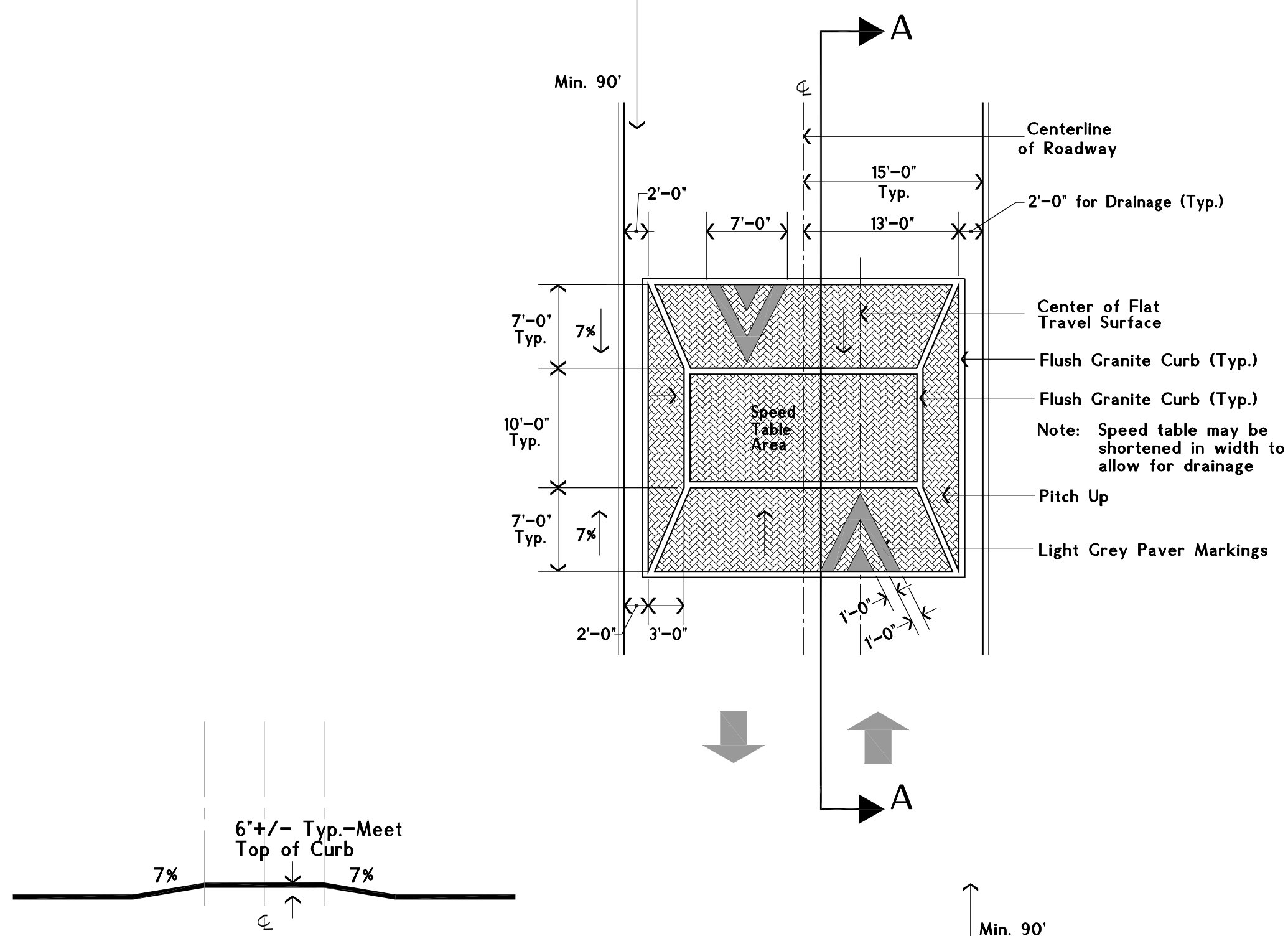


CE CURB EXTENSION	RC RAISED CROSSWALK
EC ENHANCED CROSSWALK	RD ROAD DIET
IR INTERSECTION REALIGNMENT	RI RAISED INTERSECTION
MI MEDIAN ISLAND	SC STREET CLOSURE
PC PARKING CHICANE	ST SPEED TABLE
RB ROUNDABOUT	

STANDARD DETAILS  
HARTFORD TRAFFIC CALMING  
TYPICAL RAISED INTERSECTION

JULY 2005  
NO.  
**SD.6**

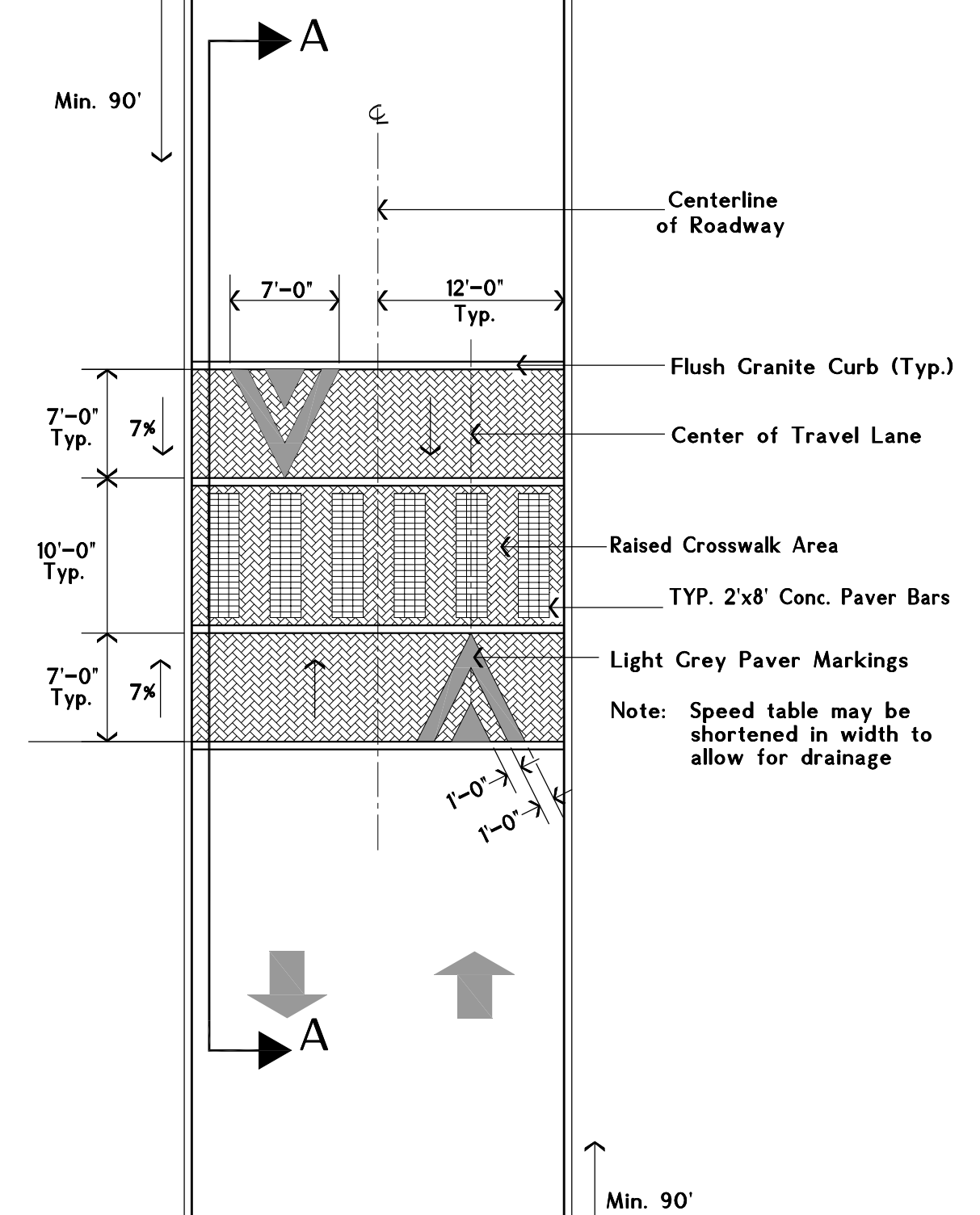
Sign Description;  
• Speed Table



Section A-A  
Not to Scale

**ST** Typical Speed Table  
Not to Scale

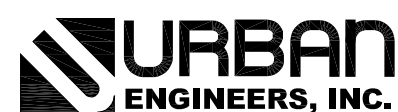
Sign Description;  
• Speed Table



**RC** Typical Raised Crosswalk  
Not to Scale

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CE CURB EXTENSION  
EC ENHANCED CROSSWALK  
IR INTERSECTION REALIGNMENT  
MI MEDIAN ISLAND  
PC PARKING CHICANE  
RB ROUNDABOUT

RC RAISED CROSSWALK  
RD ROAD DIET  
RI RAISED INTERSECTION  
SC STREET CLOSURE  
ST SPEED TABLE

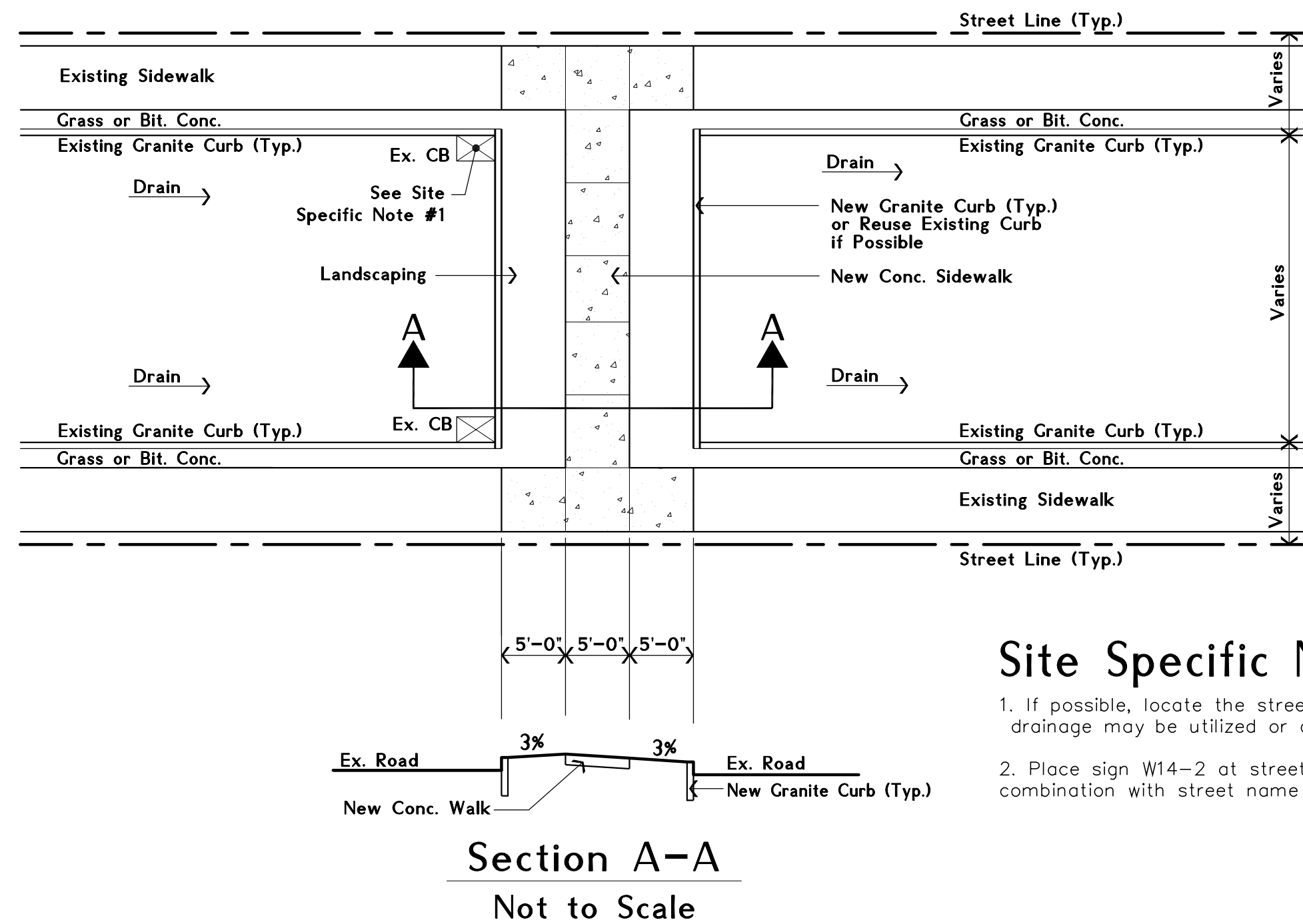
STANDARD DETAILS  
HARTFORD TRAFFIC CALMING  
TYPICAL SPEED TABLE/ RAISED CROSSWALK

JULY 2005  
NO.  
**SD.7**



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## Site Specific Notes:

1. If possible, locate the street closure such that existing drainage may be utilized or at a high point in the roadway profile.
2. Place sign W14-2 at street entrance. Place sign 14-2a in combination with street name sign.

**SC** Typical Street Closure  
Not to Scale



**URBAN**  
ENGINEERS, INC.

CE CURB EXTENSION  
EC ENHANCED CROSSWALK  
IR INTERSECTION REALIGNMENT  
MI MEDIAN ISLAND  
PC PARKING CHICANE  
RB ROUNDABOUT

RC RAISED CROSSWALK  
RD ROAD DIET  
RI RAISED INTERSECTION  
SC STREET CLOSURE  
ST SPEED TABLE

STANDARD DETAILS  
HARTFORD TRAFFIC CALMING  
TYPICAL STREET CLOSURE

JULY 2005

NO.

**SD.8**