

CERTIFICATE OF HIGHWAY MILEAGE
YEAR ENDING FEBRUARY 10, 2011

Fill out form, make and file copy with the Town Clerk, and mail ORIGINAL, before February 20, 2011 to: Vermont Agency of Transportation, Division of Planning, Outreach and Community Affairs, One National Life Drive, Montpelier, VT 05633.

We, the members of the legislative body of HARTFORD in WINDSOR County on an oath state that the mileage of highways, according to Vermont Statutes Annotated, Title 19, Section 305, added 1985, is as follows:

PART I - CHANGES TOTALS - Please fill in and calculate totals.

Table with 6 columns: Town Highways, Previous Mileage, Added Mileage, Subtracted Mileage, Total, Scenic Highways. Rows include Class 1, Class 2, Class 3, State Highway, Total, Class 1 Lane, Class 4, Legal Trail, and Unidentified Corridor.

Totals by Simonson 3/29/2011

* Mileage for Class 1 Lane, Class 4, Legal Trail, and Unidentified Corridor classifications are NOT included in total.

PART II - INFORMATION AND DESCRIPTION OF CHANGES SHOWN ABOVE.

- 1. NEW HIGHWAYS: Please attach Selectmen's "Certificate of Completion and Opening".
2. DISCONTINUED: Please attach SIGNED copy of proceedings (minutes of meeting).
3. RECLASSIFIED/REMEASURED: Please attach SIGNED copy of proceedings (minutes of meeting).
4. SCENIC HIGHWAYS: Please attach a copy of order designating/discontinuing Scenic Highways.

IF THERE ARE NO CHANGES IN MILEAGE: Check box and sign below. []

PART III - SIGNATURES - PLEASE SIGN.

Selectmen/ Aldermen/ Trustees Signatures:

Handwritten signatures in blue ink.

T/C/V Clerk Signature: [Signature] Date Filed: 2/8/2011

Please sign ORIGINAL and return it for Transportation signature.

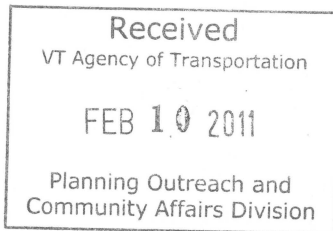
AGENCY OF TRANSPORTATION APPROVAL: Signed copy will be returned to T/C/V Clerk.

APPROVED:

Representative, Agency of Transportation

DATE:

6/30/2011



Vermont Statutes Annotated

19 V.S.A. § 305. Measurement and inspection

§ 305. Measurement and inspection

(a) After reasonable notice to the selectboard, a representative of the agency may measure and inspect the class 1, 2, and 3 town highways in each town to verify the accuracy of the records on file with the agency. Upon request, the selectboard or their designee shall be permitted to accompany the representative of the agency during the measurement and inspection. The agency shall notify the town when any highway, or portion of a highway, does not meet the standards for its assigned class. If the town fails, within one year, to restore the highway or portion of the highway to the accepted standard, or to reclassify, or to discontinue, or develop an acceptable schedule for restoring to the accepted standards, the agency for purposes of apportionment under section 306 of this title shall deduct the affected mileage from that assigned to the town for the particular class of the road in question.

(b) Annually, on or before February 10, the selectboard shall file with the town clerk a sworn statement of the description and measurements of all class 1, 2, 3, and 4 town highways and trails then in existence, including any special designation such as a throughway or scenic highway. When class 1, 2, 3, or 4 town highways, trails, or unidentified corridors are accepted, discontinued, or reclassified, a copy of the proceedings shall be filed in the town clerk's office and a copy shall be forwarded to the agency.

(c) All class 1, 2, 3, and 4 town highways and trails shall appear on the town highway maps by July 1, 2015.

(d) At least 45 days prior to first including a town highway or trail that is not clearly observable by physical evidence of its use as a highway or trail and that is legally established prior to February 10, 2006 in the sworn statement required under subsection (b) of this section, the legislative body of the municipality shall provide written notice and an opportunity to be heard at a duly warned meeting of the legislative body to persons owning lands through which a highway or trail passes or abuts.

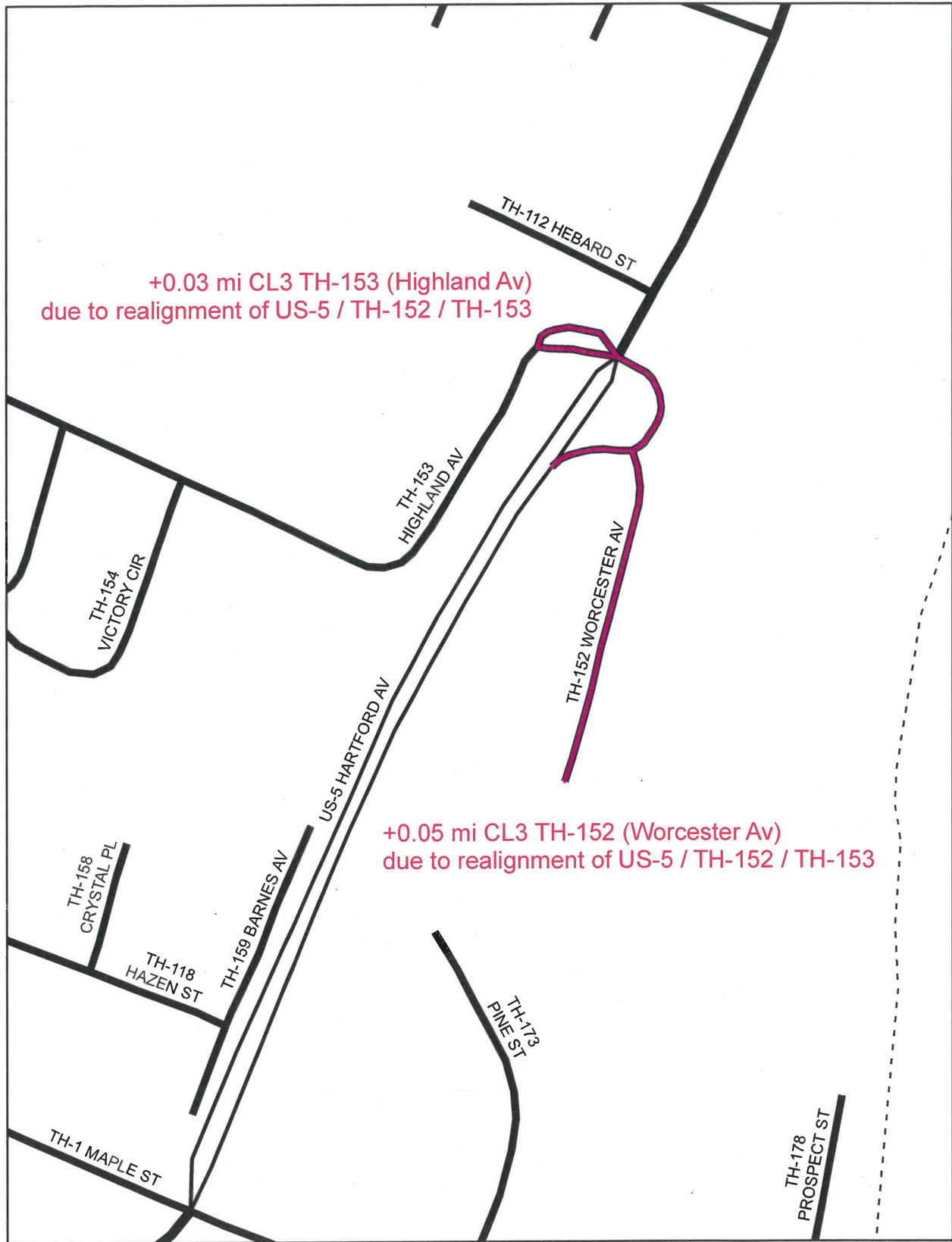
(e) The agency shall not accept any change in mileage until the records required to be filed in the town clerk's office by this section are received by the agency. A request by a municipality to the agency for a change in mileage shall include a description of the affected highway or trail, a copy of any surveys of the affected highway or trail, minutes of meetings at which the legislative body took action with respect to the changes, and a current town highway map with the requested deletions and additions sketched on it. A survey shall not be required for class 4 town highways that are legally established prior to February 10, 2006. All records filed with the agency are subject to verification in accordance with subsection (a) of this section.

(f) The selectboard of any town who are aggrieved by a finding of the agency concerning the measurement, description or classification of a town highway may appeal to the transportation board by filing a notice of appeal with the executive secretary of the transportation board.

(g) The agency shall provide each town with a map of all of the highways in that town together with the mileage of each class 1, 2, 3, and 4 highway, as well as each trail, and such other information as the agency deems appropriate.

Excerpt of 19 V.S.A. § 305 - *Measurement and inspection* from Vermont Statutes Online located at –
<http://www.leg.state.vt.us/statutes/fullsection.cfm?Title=19&Chapter=003&Section=00305>

12/20/2010

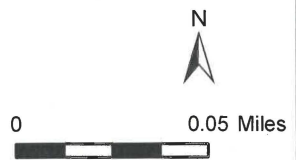


+0.03 mi CL3 TH-153 (Highland Av)
due to realignment of US-5 / TH-152 / TH-153

+0.05 mi CL3 TH-152 (Worcester Av)
due to realignment of US-5 / TH-152 / TH-153

**Mileage Certificate Change 2011
HARTFORD - WHITE RIVER JUNCTION**

Mapping Unit
Division of Policy and Planning
Vermont Agency of Transportation -- March 2011



RECEIVED JAN 07 2011



State of Vermont
Division of Planning, Outreach and Community Affairs - Mapping Unit
1 National Life Drive
Montpelier, VT 05633-5001
<http://www.aot.state.vt.us>

Agency of Transportation

Telephone: 802-828-2109
Fax: 802-828-2334
Email: sara.moulton@state.vt.us

Chair, Selectboard
Hartford
c/o Town Clerk
171 Bridge St
White River Junction, VT 05001

January 2011

TO: TOWN / CITY / VILLAGE CLERK AND SELECTBOARD / ALDERMEN / TRUSTEES

Enclosed is your 2011 **Certificate of Highway Mileage**. This Certificate must be completed in order to determine your town's share of state aid for town highways for Fiscal Year 2012.

Changes in mileage or highway classification, including any additions, alterations, or discontinuances made by your selectboard this past year, should be entered on this certificate. If there are changes that occurred before this past year that we have not shown on the Town Highway Map, please let us know so we can update our maps.

Also enclosed is a reduced size copy of your current Town Highway Map and a Certificate of Completion and Opening should you need it to document new town roads.

In filling out the Mileage Certificate, it is important to:

- >> Enter mileage and classification changes.
- >> If you have no changes, you may simply check the box in PART II of Certificate.
- >> Always sign Part III - Town Clerk, Selectmen, etc.

To effectively process all the mileage certificates in a timely manner and to assure the completion of the mileage summaries, it is important that towns submit the certificates on time. **Certificates must be postmarked on or before February 20, 2011. Certificates that are postmarked after February 20, 2011 may not be processed.**

After the Agency has approved and signed the certificate, we will send you a copy.

If you have any questions, please call me at 802-828-2109 or send e-mail to sara.moulton@state.vt.us

Thank you.

Sincerely,

Sara Moulton

Sara Moulton
Mapping & GIS Specialist

Enclosures

HARTFORD TOWN CLERK'S OFFICE
 This 9 day of February 2011
 at _____ (11:30 AM) PM
 Recorded in Bk 28 Pg 567-565
Sherry Allen Town Clerk



HARTFORD

US-5 / Worcester St RS 0113(40) PIN 86C027

16-Dec-10

	Old Mileage of Nearest Segment	Old Mileage Whole TH	New Mileage of Nearest Segment	New Mileage Whole TH
CLASS 3				
Worcester Ave TH-152	0.14	0.14	0.12	0.19
Highland St TH-153 Av	0.21	0.47	0.24	0.50
Hebard Av TH-112	0.02	0.08	NO CHANGE	
Saunders Av TH-149	0.05	0.15	NO CHANGE	
Pierce St TH-148	0.04	0.04	NO CHANGE	
Goudreau St TH-150	0.04	0.14	NO CHANGE	
Devin St TH-151	0.05	0.05	NO CHANGE	
Advent Ln TH-185	0.06	0.06	NO CHANGE	
Hewitt St TH-174	0.05	0.05	NO CHANGE	
End Project				

0.070
APP 2.0675

	Plan Station	Diff	New Calculated Station	New Calculated MM	New Mileage	Old Routelog Station	Old Routelog MM	Old Mileage
US-5/US-4/VT-14	2100		21662	4.103		21662	4.103	
		45						
Begin Project	2145		21707	4.111				
		1484.61			0.290			0.294
Worcester App	3629.61		23191.61	4.392				
		217.57			0.041			
Worcester Ave TH-152	3847.18		23409.18	4.434		23213	4.396	
		134.19			0.025			0.056
Hebard Av TH-112	3981.37		23543.37	4.459		23508	4.452	
		511.71			0.097			0.094
Saunders Av TH-149	4493.08		24055.08	4.556		24004	4.546	
		414.05			0.078			0.077
Pierce St TH-148	4907.13		24469.13	4.634		24409	4.623	
		308.44			0.058			0.062
Goudreau St TH-150	5215.57		24777.57	4.693		24737	4.685	
		581.22			0.052			0.049
Devin St TH-151	5488.35		25050.35	4.744		24994	4.734	
		322.16			0.061			0.062
Advent Ln TH-185	5810.51		25372.51	4.805		25321	4.796	
		29.25			0.006			0.000
Hewitt St TH-174	5839.76		25401.76	4.811		25321	4.796	
		260.24			0.049			
End Project	6100		25662	4.860				
								0.137
WilderStateHwy						26044	4.933	
								0.075
UC Boundary						26440	5.008	
								0.142
TH-252						27190	5.150	

0.331 mi

Routelog 1.047
 Arcm 1.041
 AOTM 1.097
 ROSMALL ↓

1.04697 Total

Moulton, Sara

From: Moulton, Sara
Sent: Monday, December 13, 2010 12:48 PM
To: Garbacik, Nick
Subject: US-5 Hartford RS 0113(40)

I am looking for the plans for RS 0113 (40) – US-5 / intersection with Highland St and Worcester Ave in Hartford. I was not able to find it in the DPR. All I really need is the cover sheet and the paving project layout sheets.

Can you help? Thanks.

Sara Moulton, GISP
Mapping & GIS Specialist, Mapping Unit
Division of Planning, Outreach and Community Affairs
Vermont Agency of Transportation (VTrans)
Tel: 802-828-2109



GIFFORD RD

SAUNDERS AV

HANGOVER

SAUNDERS AV

WILDER

SAUNDERS AV

HARTFORD AV

HARTFORD AV

HARTFORD AV

HARTFORD AV

HIGHLAND AV

HIGHLAND AV

VICTORY CIR

VICTORY CIR

HIGHLAND AV

HARTFORD AV

WORCESTER AV

WORCESTER

HARTFORD AV

BARNES AV

CRYSTAL PL

HAZEN

BARNES AV

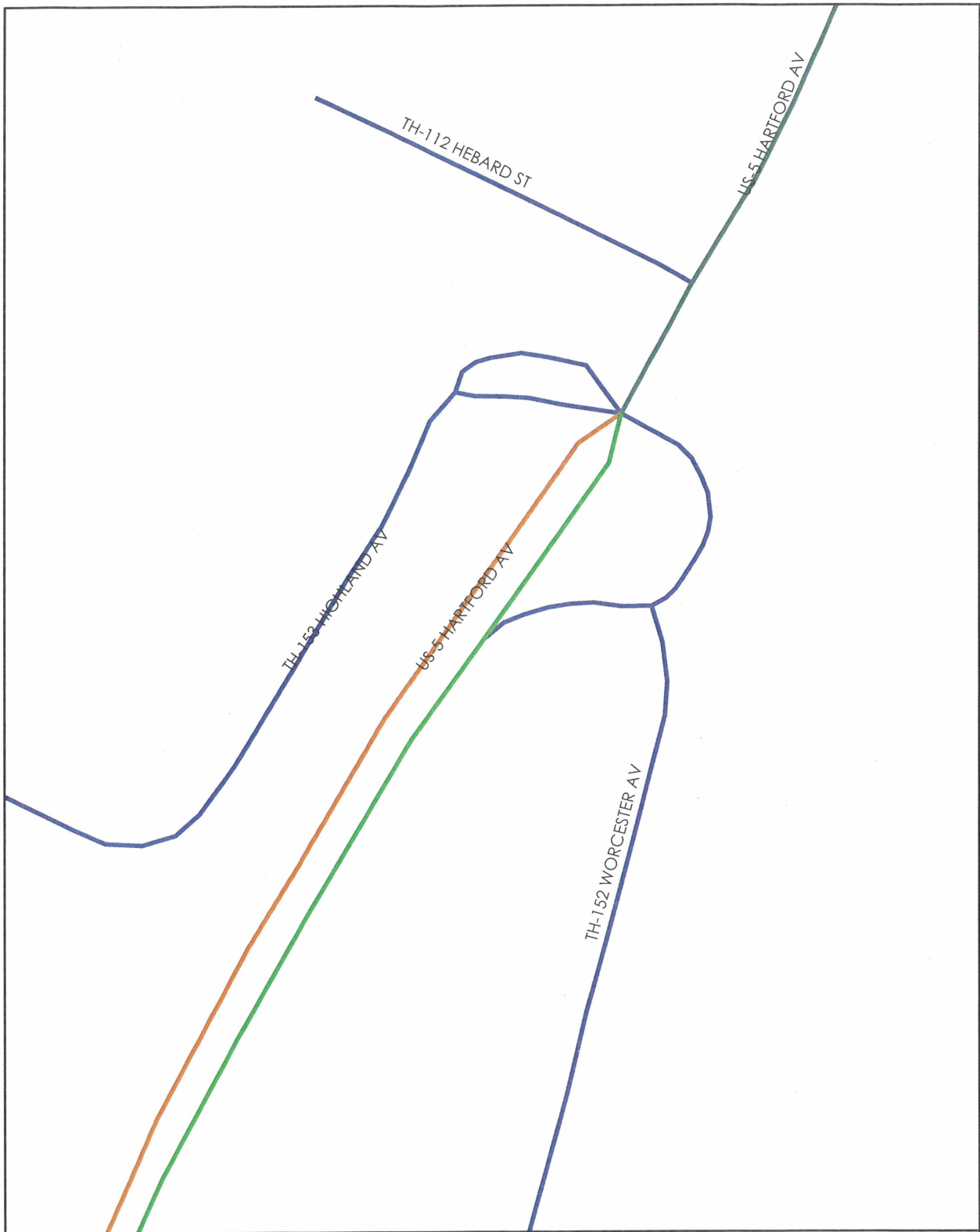
MAPLE

MAPLE DRD

MAPLE

PINE

PROSPECT



HARTFORD

Mapping Unit
Division of Planning, Outreach and Community Affairs
Vermont Agency of Transportation -- December 2010

0 0.025 Miles



Moulton, Sara

From: Magnan, Steph
Sent: Friday, December 11, 2009 10:45 AM
To: Croft, Johnathan
Cc: Moulton, Sara; Trunzo, Michael
Subject: RE: new signal and road centerline data change - FYI

the project number RS 0113(40)

Stephanie Magnan
Asset Management Unit
Program Development Division
Vermont Agency of Transportation
Phone: 802.828.0518



From: Croft, Johnathan
Sent: Friday, December 11, 2009 10:17 AM
To: Magnan, Steph
Cc: Moulton, Sara; Trunzo, Michael
Subject: RE: new signal and road centerline data change - FYI

Steph,

Thanks for the info; we will add this to the list. Do you know the project number that changed this intersection?

Johnathan

From: Magnan, Steph
Sent: Friday, December 11, 2009 10:09 AM
To: Croft, Johnathan
Subject: new signal and road centerline data change - FYI

Hey Johnathan,

I'm modifying some signal locations and came across some road changes. It's in Hartford on US5 the intersection of Highland St and Worcester Ave has been changed.

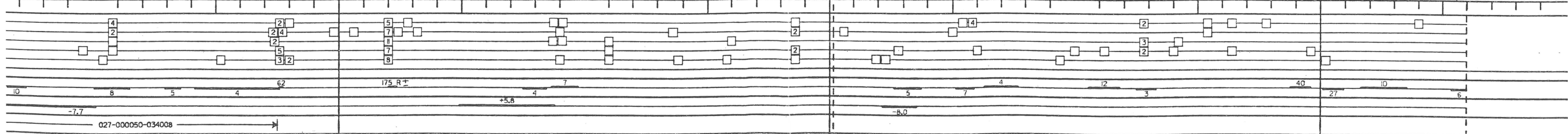
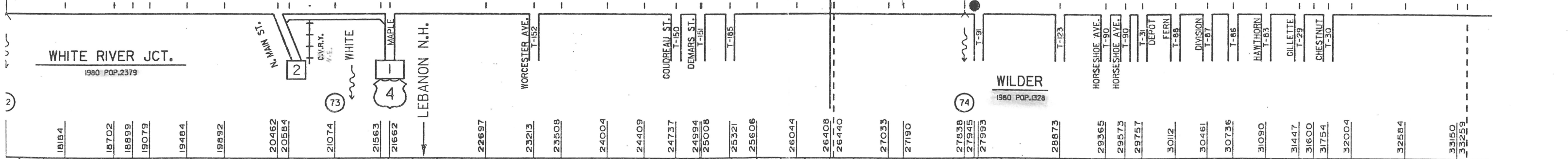
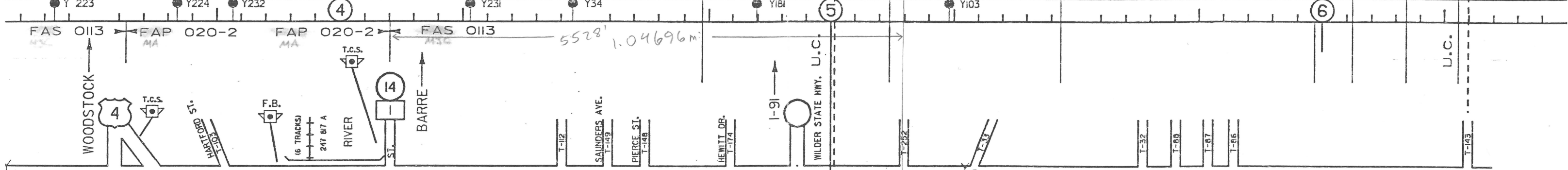
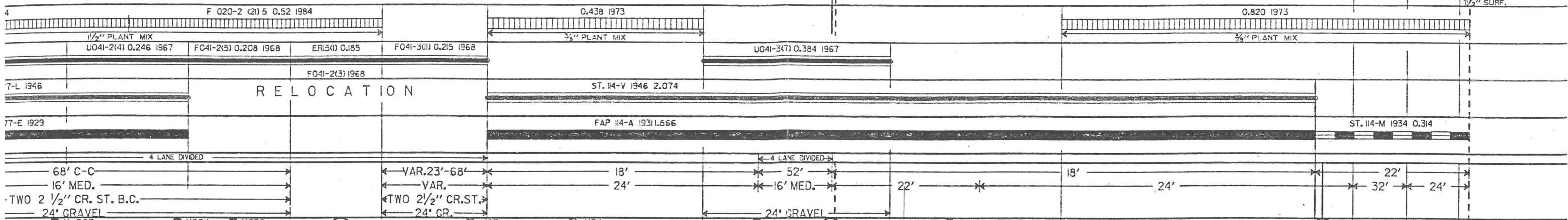
Steph

Stephanie Magnan
Asset Management Unit
Program Development Division
Vermont Agency of Transportation
Phone: 802.828.0518



R05041-3(12) 0.10 1976
WIDEN 8' RIGHT

R05 041-3(1) 0.02 1976



930	*	8740	*	6480	*	6890	*	6200	*	5890	*	5220	*	4640	*	4000	*	2290	*	1970
630	*	10830	*	8040	*	8500	*	8470	*	8650	*	7340	*	6530	*	5450	*	5190	*	2970
960	*	9500	*	7130	*	7130	*	7080	*	7230	*	6510	*	5790	*	4800	*	2230	*	
800	*	9660	*	8690	*	9380	*	9000	*	6470	*	5940	*	5280	*	4550	*	2430	*	2320

FAS	RETREATMENT			SURFACE TYPE →	MILES →	BIT. CONC.	CONCRETE	BIT. MAC.	BIT. MIX.	S. T. G.	GRAVEL	TOTAL	COUNTY	TO
	BLADE MIX	PLANT MIX	BIT. SEAL											
0113													WINDSOR	WHITE RIVER
SEE NEXT SHEET														
DATE: DEC. 1992														

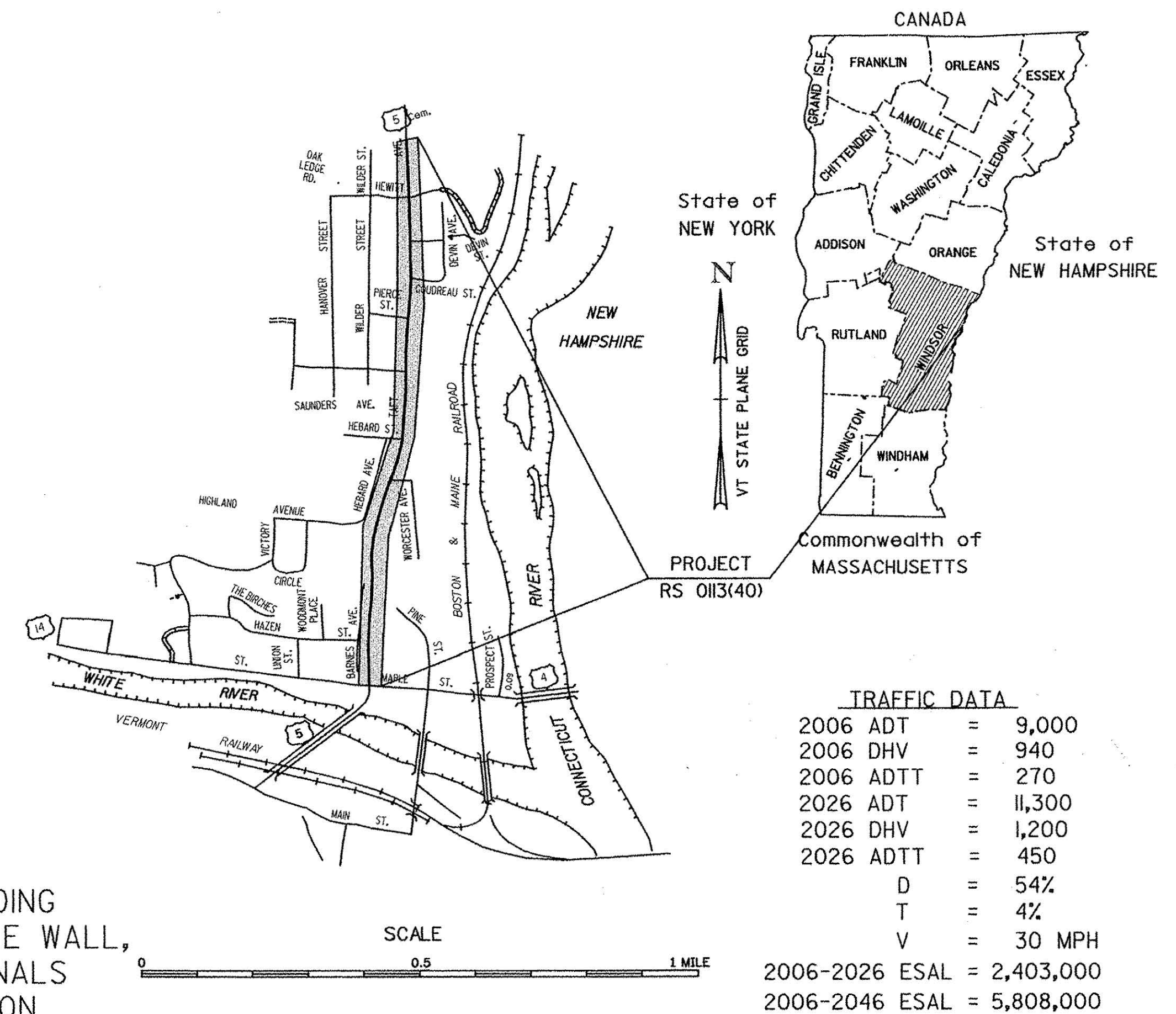
STATE OF VERMONT AGENCY OF TRANSPORTATION



TOWN OF HARTFORD COUNTY OF WINDSOR U.S. ROUTE 5 (MAJOR COLLECTOR)

BEGINNING ON US ROUTE 5 AT THE INTERSECTION OF US ROUTE 5 AND US ROUTE 4/VT ROUTE 14 AND EXTENDING NORTHERLY 0.71 MILES.
LENGTH OF ROADWAY: 3755.00 FT. = 0.71 MILES
LENGTH OF PROJECT: 3755.00 FT. = 0.71 MILES

THIS PROJECT CONSISTS OF RECONSTRUCTION WITH MINOR RELOCATION, INCLUDING PAVEMENT, DRAINAGE, CURB, SIDEWALKS, U.S. RTE. 5 GROUND ANCHORED SOLDIER PILE WALL, BARNES AVENUE SHEET PILE RETAINING WALL, LANDSCAPING, WITH TRAFFIC SIGNALS AT RELOCATED HIGHLAND AVENUE AND WORCESTER AVENUE, AND INSTALLATION OF NEW WATER AND SEWER LINES

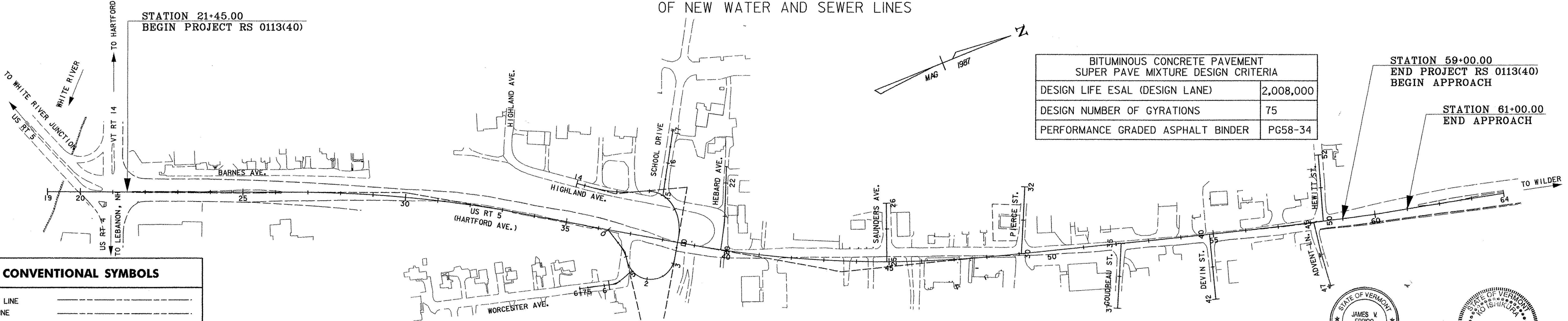


RECORD PLANS	
CONTRACTOR:	PIKE INDUSTRIES, INC. - BERLIN, VT
RESIDENT ENGINEER:	CHRIS BARKER
CONSTRUCTION BEGAN:	JUNE 18, 2007
CONSTRUCTION COMPLETE:	DECEMBER 22, 2009
RECORD PLANS BY:	CHRIS BARKER & JENNA HYDE

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY RESIDENT ENGINEER
DATE 01/16/14

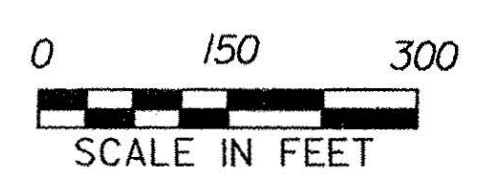
NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.



BITUMINOUS CONCRETE PAVEMENT SUPER PAVE MIXTURE DESIGN CRITERIA	
DESIGN LIFE ESAL (DESIGN LANE)	2,008,000
DESIGN NUMBER OF GYRATIONS	75
PERFORMANCE GRADED ASPHALT BINDER	PG58-34

CONVENTIONAL SYMBOLS	
COUNTY LINE	---
TOWN LINE	- - - -
LIMITS OF ACCESS	-o-o-o-
POINT OF ACCESS	X
FENCE LINE	X-X-X-X-X
STONE WALL	o-o-o-o-o-o-o-o
TRAVELED WAY	====
GUARD RAIL	-o-o-o-
RAILROAD	
SURVEY LINE	-+ -+ -+ -+ -+
CULVERT	
POWER POLE	⊕
TELEPHONE POLE	⊕
TREES	* * *
CONTROL OF ACCESS	///
PROPERTY LINE	---
R.O.W. TAKING LINE	SR SR SR
SLOPE RIGHTS	△
TOP OF CUT	△
TOE OF SLOPE	○

DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A



THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROJECT DEVELOPMENT.
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2001, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON MARCH, 2001 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

APPROVED DATE 2/16/14
DIRECTOR OF PROJECT DEVELOPMENT

PROJECT HARTFORD
RS 0113(40)

SHEET 1 OF 239 SHEETS

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INDEX OF SHEETS

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STANDARDS LISTS

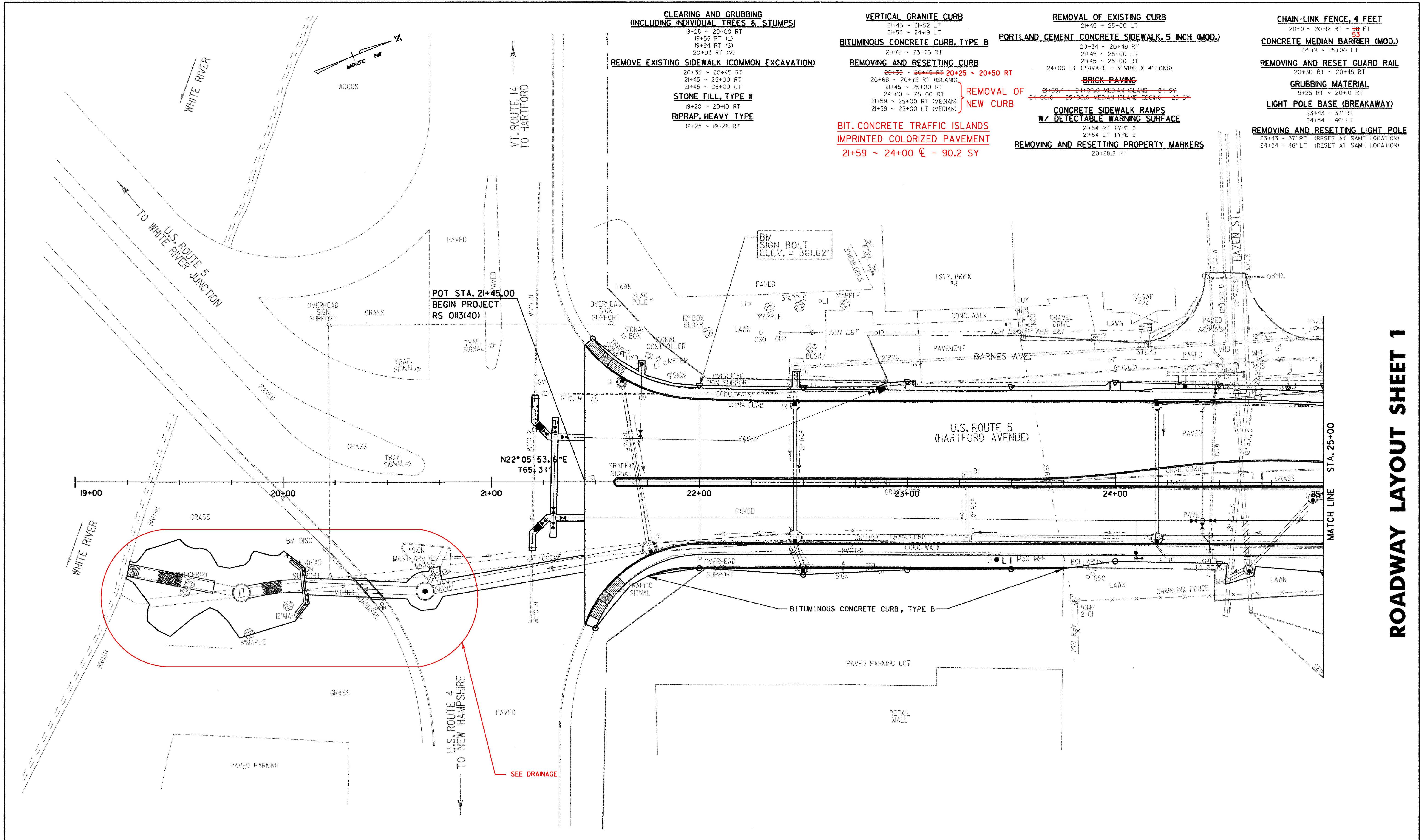
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			E-146	REGULATORY SIGN DETAILS	09/20/1995
			E-150	WARNING SIGN DETAILS	05/01/2004
			E-151	WARNING SIGN DETAILS	05/01/2004
			E-152	WARNING SIGN DETAILS	05/01/2004
			E-153	WARNING SIGN DETAILS	05/01/2004
			E-153B	WARNING SIGN DETAILS	05/30/2003
			E-160	FLANGED CHANNEL STEEL SIGN POST	05/20/1999
			E-163	TUBULAR STEEL SIGN POST	05/20/1999
			E-164	SQUARE STEEL SIGN POST	05/20/1999
			E-170	TRAFFIC CONTROL SIGNALS	11/04/1999
			E-171A	PEDESTAL POST MOUNTED TRAFFIC CONTROL SIGNALS	08/09/1995
			E-171B	GENERAL NOTES & DETAILS	08/09/1995
			E-171C	TRAFFIC CONTROL SIGNALS MISC. DETAILS	08/09/1995
			E-172	TRAFFIC CONTROL SIGNALS CANTILEVER MOUNTING DETAILS	08/09/1995
			E-173	VEHICLE DETECTOR LOOP DETAILS	08/09/1995
			E-175	PULL BOXES AND JUNCTION BOXES	11/17/1993
			E-175	POWER DROP STANCHIONS	08/09/1995
			E-180A	STREET LIGHTING DETAILS	08/09/1995
			E-180B	STREET LIGHTING DETAILS	08/09/1995
			E-191	PAVEMENT MARKING DETAILS	02/01/1999
			E-192	PAVEMENT MARKING DETAILS	10/12/2000
			E-193	PAVEMENT MARKING DETAILS	08/18/1995
F-2	CHAIN LINK FENCE (TYPE I) DRIVE GATE FOR CHAIN-LINK FENCE (TYPE I) WALK GATE FOR CHAIN-LINK FENCE (TYPE I)	06/01/1994	G-1	STEEL BEAM GUARDRAIL WITH STEEL POSTS	01/03/2000
G-1	STEEL BEAM GUARDRAIL WITH WOOD POSTS		G-1D	STEEL BEAM GUARDRAIL APPROACH END TERMINAL	01/03/2000
G-1D	STEEL BEAM GUARDRAIL TRAILING END TERMINAL		G-16	STEEL BEAM GUARDRAIL TRAILING END TERMINAL ANCHOR FOR STEEL BEAM GUARDRAIL STEEL BEAM MEDIAN BARRIER	06/01/1994
G-16	STEEL BEAM GUARDRAIL ATTACHMENTS TO EXISTING BRIDGE		G-18	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	06/01/1994
G-18	PRECAST CONCRETE TEMPORARY TRAFFIC BARRIER		G-19	GENERIC GRADING PLANS FOR GUARDRAIL END TERMINALS	11/15/2002
G-19	GENERIC GRADING PLANS FOR GUARDRAIL END TERMINALS		J-1	BOUNDARY MARKERS	06/01/1994

DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A

PROJECT NAME: HARTFORD
PROJECT NUMBER: RS 0113(40)

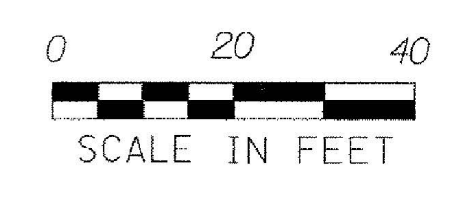
FILE NAME: z86c027frm.DGN
PROJECT LEADER: KEN UPMAL
DESIGNED BY: K.ISHIKURA
E.ATKINS

PLOT DATE: 1/31/2007
DRAWN BY: P.MILEWSKI
CHECKED BY: K.ISHIKURA
SHEET 2 OF 239



DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A

- NOTES:**
- REFER TO CURB LAYOUT SHEETS FOR CURBING LAYOUT AND DIMENSIONS.
 - REFER TO DRAIN, SEWER, AND WATER LAYOUT SHEETS FOR UTILITY LAYOUT.



PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z027bdr.dgn	PLOT DATE: 1/12/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 44 OF 239

ROADWAY LAYOUT SHEET 1

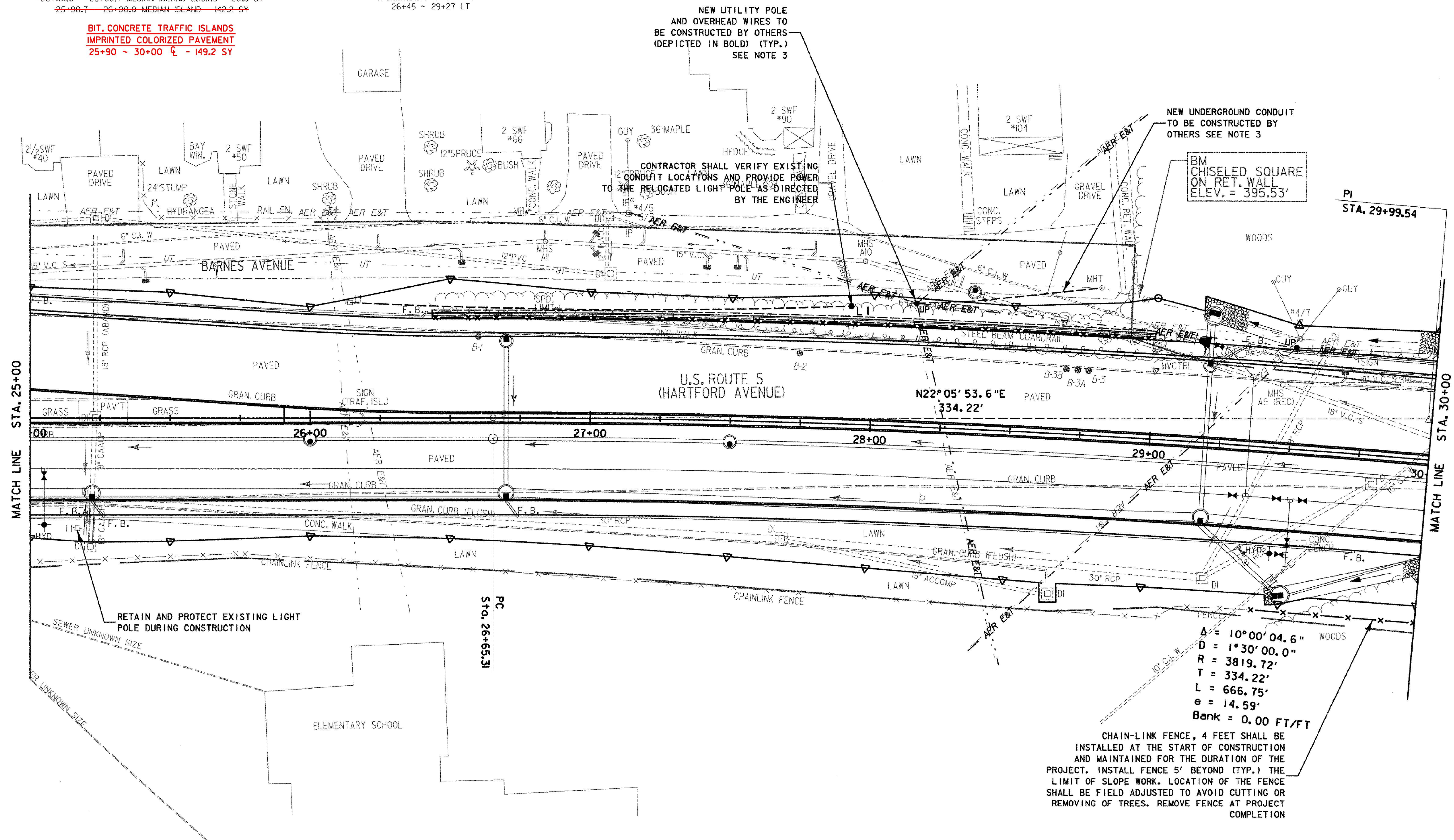
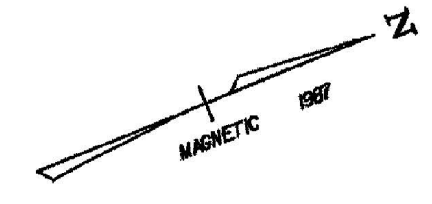
- CLEARING AND GRUBBING (INCLUDING INDIVIDUAL TREES & STUMPS)**
19+28 ~ 20+08 RT
19+55 RT (L)
19+84 RT (S)
20+03 RT (M)
- REMOVE EXISTING SIDEWALK (COMMON EXCAVATION)**
20+35 ~ 20+45 RT
21+45 ~ 25+00 RT
21+45 ~ 25+00 LT
- STONE FILL, TYPE II**
19+28 ~ 20+10 RT
- RIPRAP, HEAVY TYPE**
19+25 ~ 19+28 RT
- VERTICAL GRANITE CURB**
21+45 ~ 21+52 LT
21+55 ~ 24+19 LT
- BITUMINOUS CONCRETE CURB, TYPE B**
21+75 ~ 23+75 RT
- REMOVING AND RESETTING CURB**
20+35 ~ 20+45 RT
20+68 ~ 20+75 RT (ISLAND)
21+45 ~ 25+00 RT
24+60 ~ 25+00 RT
- REMOVAL OF NEW CURB**
21+59 ~ 25+00 RT (MEDIAN)
21+59 ~ 25+00 LT (MEDIAN)
- BIT. CONCRETE TRAFFIC ISLANDS IMPRINTED COLORIZED PAVEMENT**
21+59 ~ 24+00 C - 90.2 SY
- REMOVAL OF EXISTING CURB**
21+45 ~ 25+00 LT
- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (MOD.)**
20+34 ~ 20+19 RT
21+45 ~ 25+00 LT
21+45 ~ 25+00 RT
24+00 LT (PRIVATE - 5' WIDE X 4' LONG)
- BRICK PAVING**
21+59.4 ~ 24+00.0 MEDIAN ISLAND - 84 SY
24+00.0 ~ 25+00.0 MEDIAN ISLAND EDGING - 23 SY
- CONCRETE SIDEWALK RAMPS W/ DETECTABLE WARNING SURFACE**
21+54 RT TYPE 6
21+54 LT TYPE 6
- REMOVING AND RESETTING PROPERTY MARKERS**
20+28.8 RT
- CHAIN-LINK FENCE, 4 FEET**
20+01 ~ 20+12 RT - 38 FT
- CONCRETE MEDIAN BARRIER (MOD.)**
24+19 ~ 25+00 LT
- REMOVING AND RESET GUARD RAIL**
20+30 RT ~ 20+45 RT
- GRUBBING MATERIAL**
- LIGHT POLE BASE (BREAKAWAY)**
23+43 ~ 37' RT
24+34 ~ 46' LT
- REMOVING AND RESETTING LIGHT POLE**
23+43 ~ 37' RT (RESET AT SAME LOCATION)
24+34 ~ 46' LT (RESET AT SAME LOCATION)

CLEARING AND GRUBBING
(INCLUDING INDIVIDUAL TREES AND STUMPS)
29+50 ~ 30+00 RT
26+45 ~ 30+00 LT
REMOVE EXISTING SIDEWALK (COMMON EXCAVATION)
25+00 ~ 28+66 RT
25+00 ~ 30+00 LT
SOLID ROCK EXCAVATION
(REMOVAL OF EXISTING CONCRETE ROADWAY)
~~28+50 ~ 30+00 7' x 22' WIDE~~
~~(EST. FROM 1931 REC. PLANS)~~
RETAINING WALL (SHEET PILE WALL)
26+43.5 LT ~ 29+00
STONE FILL, TYPE II
29+48 RT ~ 30+00 LT
29+48 RT ~ 30+00 RT

VERTICAL GRANITE CURB
29+87 ~ 30+00 RT
26+15 ~ 30+00 RT (MEDIAN)
26+15 ~ 30+00 LT (MEDIAN)
REMOVING AND RESETTING CURB
25+00 ~ 29+87 RT
25+00 ~ 28+66 RT
25+00 ~ 26+15 RT (MEDIAN)
25+00 ~ 26+15 LT (MEDIAN)
REMOVAL OF EXISTING CURB
25+00 ~ 30+00 LT
PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (MOD.)
25+00 ~ 30+00 RT
25+00 ~ 30+00 LT
BRICK PAVING
~~25+00.0 ~ 26+90.7 MEDIAN ISLAND EDGING - 20.6 SY~~
~~25+90.7 ~ 26+00.0 MEDIAN ISLAND - 142.2 SY~~
BIT CONCRETE TRAFFIC ISLANDS
IMPRINTED COLORIZED PAVEMENT
25+90 ~ 30+00 ± - 149.2 SY

REMOVING AND RESETTING PROPERTY MARKERS
28+92 LT
CHAIN-LINK FENCE, 4 FEET
29+39 ~ 30+00 RT
CHAIN-LINK FENCE, 4 FEET (MOD.)
26+43.5 LT ~ 29+00 LT - ~~26.2~~ (BARNES AVE WALL)
REMOVAL OF EXISTING FENCE
29+39 ~ 30+00 RT
(REMOVAL OF CHAIN-LINK FENCE, 4 FEET AT PROJECT COMPLETION)
CONCRETE MEDIAN BARRIER (MOD.)
25+00 ~ 30+00 LT
REMOVAL AND DISPOSAL OF EXISTING GUARDRAIL
26+45 ~ 29+27 LT

WIRED CONDUIT (2") (PVC)
26+14 LT (LP) ~ 27+92 LT (LP) - 179'
LIGHT POLE BASE (BREAKAWAY)
27+92 ~ 42' LT
REMOVING AND RESETTING LIGHT POLE
27+92 ~ 35' LT RESET TO 27+92 ~ 42' LT



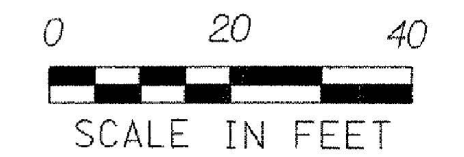
BM CHISELED SQUARE ON RET. WALL ELEV. = 395.53'

$A = 10^{\circ}00'04.6''$
 $D = 1^{\circ}30'00.0''$
 $R = 3819.72'$
 $T = 334.22'$
 $L = 666.75'$
 $e = 14.59'$
 $Bank = 0.00 \text{ FT/FT}$

CHAIN-LINK FENCE, 4 FEET SHALL BE INSTALLED AT THE START OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. INSTALL FENCE 5' BEYOND (TYP.) THE LIMIT OF SLOPE WORK. LOCATION OF THE FENCE SHALL BE FIELD ADJUSTED TO AVOID CUTTING OR REMOVING OF TREES. REMOVE FENCE AT PROJECT COMPLETION

- NOTES:
- REFER TO CURB LAYOUT SHEETS FOR CURBING LAYOUT AND DIMENSIONS.
 - REFER TO DRAIN, SEWER, AND WATER LAYOUT SHEETS FOR UTILITY LAYOUT.
 - PROPOSED UTILITY POLES, OVERHEAD WIRES, AND UNDERGROUND CONDUIT TO BE CONSTRUCTED BY OTHERS; THE LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE.

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A



PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z027bdr.dgn	PLOT DATE: 2/28/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 45 OF 239

ROADWAY LAYOUT SHEET 2

**CLEARING AND GRUBBING
(INCLUDING INDIVIDUAL TREES AND STUMPS)**
30+00 ~ 35+00 RT
30+00 ~ 35+00 LT

REMOVE EXISTING SIDEWALK (COMMON EXCAVATION)
30+00 ~ 35+00 LT

**SOLID ROCK EXCAVATION
(REMOVAL OF EXISTING CONCRETE ROADWAY)**
31+75 ~ 35+00 ~ 7' x 22' WIDE 18"
(EST. FROM 1931 REC. PLANS)

STONE FILL, TYPE II
30+00 LT ~ 35+00 LT
30+00 RT ~ 32+75 RT (ABOVE WALL)

VERTICAL GRANITE CURB
30+00 ~ 35+00 RT
30+00 ~ 35+00 RT (MEDIAN)
30+00 ~ 35+00 LT (MEDIAN)

REMOVAL OF EXISTING CURB
30+00 ~ 31+80 LT

**REMOVING AND RESETTING
PROPERTY MARKERS**
31+53 LT

**PORTLAND CEMENT CONCRETE
SIDEWALK, 5 INCH (MOD.)**
30+00 ~ 35+00 RT
30+00 ~ 35+00 LT

BRICK PAVING
30+00.0 ~ 35+00.0 MEDIAN ISLAND - 166.7 SY

CHAIN-LINK FENCE, 4 FEET
30+00 ~ 35+00 RT

**CHAIN-LINK FENCE, 6 FEET
(MOD BLACK VINYL COATED)**
30+26 ~ 35+00 RT - 474 FT

**CONCRETE TRAFFIC ISLANDS
IMPRINTED COLORIZED PAVEMENT**
30+00 ~ 35+00 E - 176.4 SY

REMOVAL OF EXISTING FENCE
30+00 ~ 35+00 RT (REMOVAL OF CHAIN-LINK
FENCE, 4 FEET AT PROJECT COMPLETION)
31+81 ~ 35+00 LT

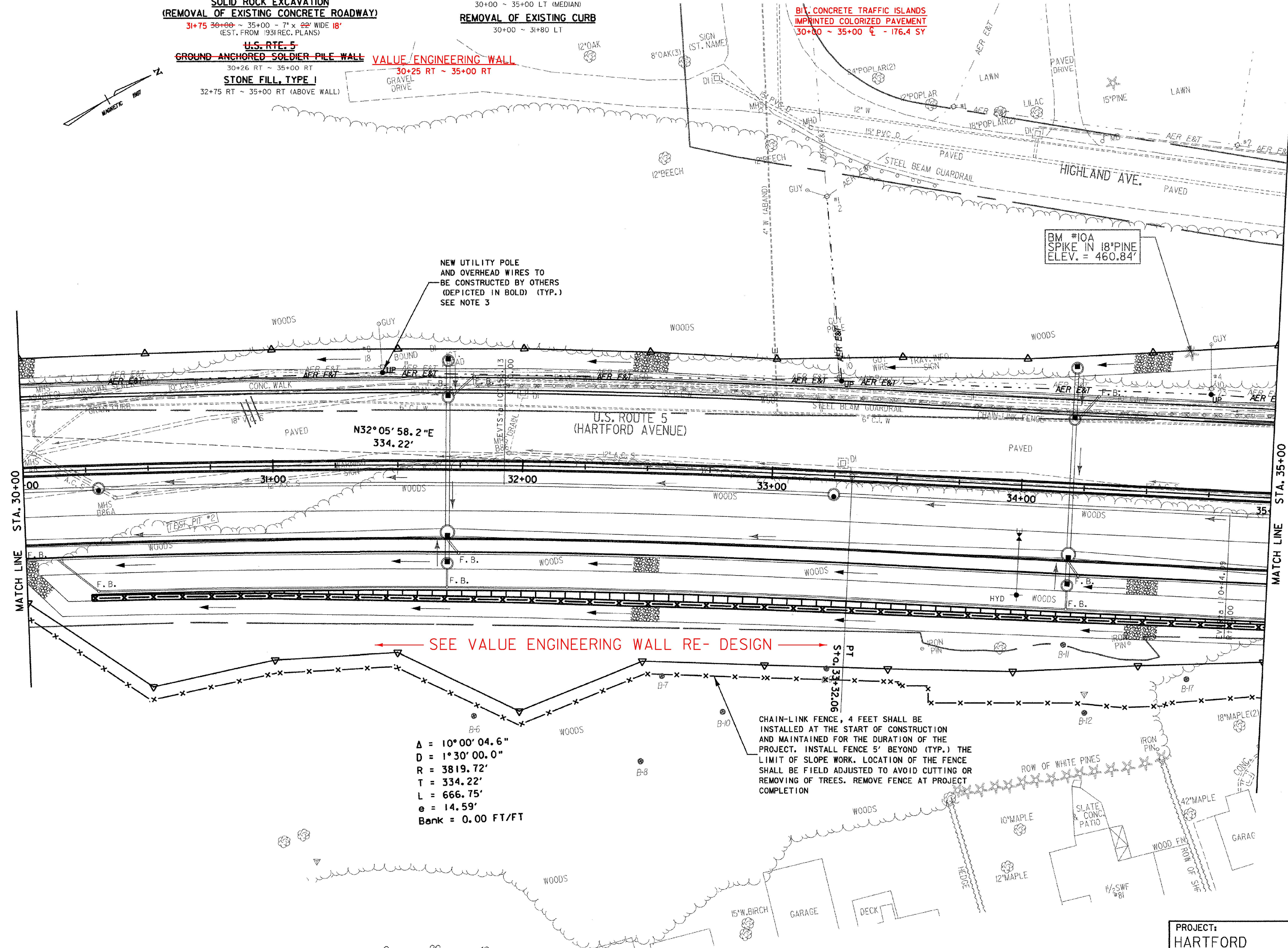
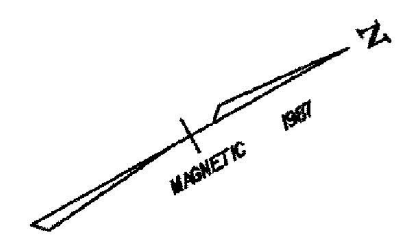
CONCRETE MEDIAN BARRIER (MOD.)
30+00 ~ 35+00 LT

**REMOVAL AND DISPOSAL OF
EXISTING GUARDRAIL**
31+81 ~ 35+00 LT

**U.S. RTE. 5
GROUND-ANCHORED SOLDIER PILE WALL**
30+26 RT ~ 35+00 RT

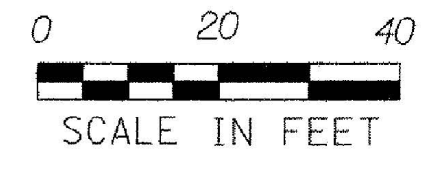
STONE FILL, TYPE I
32+75 RT ~ 35+00 RT (ABOVE WALL)

VALUE ENGINEERING WALL
30+25 RT ~ 35+00 RT



- NOTES:**
- REFER TO CURB LAYOUT SHEETS FOR CURBING LAYOUT AND DIMENSIONS.
 - REFER TO DRAIN, SEWER, AND WATER LAYOUT SHEETS FOR UTILITY LAYOUT.
 - PROPOSED UTILITY POLES AND OVERHEAD WIRES TO BE CONSTRUCTED BY OTHERS; THE LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE.

DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A



PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z027bdr.dgn	PLOT DATE: 2/28/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 46 OF 239

ROADWAY LAYOUT SHEET 3

CLEARING AND GRUBBING
(INCLUDING INDIVIDUAL TREES AND STUMPS)

35+00 ~ 36+75 RT
35+00 ~ 36+85 LT
1+55 ~ 1+75 RT (WORCESTER AVE)
37+73 LT (S)
37+83 LT (S)
37+90 LT (M)
1+26 RT (M) (WORCESTER AVE)
2+85 LT (S) (WORCESTER AVE)
3+16 RT (S) (WORCESTER AVE)
10+88 LT (S) (HIGHLAND AVE)

COLD PLANING-BIT PAVEMENT

13+75 ~ 44+98 (HIGHLAND AVE) 13+78
EXCAVATION OF SURFACES AND PAVEMENTS

36+97 ~ 37+44 LT (COMMON EXC. (MOD))
54.38+49 ~ 39+08 RT (COMMON EXC. (MOD))
0+55 ~ 1+32 LT (RELOC. WORCESTER AVE) COMMON EXC. (MOD)
REMOVE EXISTING SIDEWALK (COMMON EXCAVATION)

39+07 ~ 39+87 RT
39+96 ~ 40+00 RT
35+00 ~ 39+20 LT
36+91 LT ~ 12+00 LT (HIGHLAND AVE)
11+82 LT ~ 11+85 RT (HIGHLAND AVE)

SOLID ROCK EXCAVATION

(REMOVAL OF EXISTING CONCRETE ROADWAY)

35+00 ~ 40+00 ~ 7' X 22' WIDE 18"
EST. FROM 1931 REC. PLANS

U.S. RTE. 5 VE WALL
GROUND-ANCHORED SOLDIER PILE WALL

35+00 ~ 36+50 RT 35+00 ~ 35+51 RT

STONE FILL, TYPE I

35+25 ~ 37+00 LT
35+25 ~ 0+76 RT (WORCESTER AVE)
35+00 RT ~ 0+74 RT (ABOVE WALL)

STONE FILL, TYPE II

35+00 ~ 35+25 LT
35+00 ~ 35+25 RT

VERTICAL GRANITE CURB

35+00 ~ 1+33 RT (WORCESTER AVE)
5+36 ~ 5+75 RT (WORCESTER AVE)
5+75 LT ~ 5+31 LT (WORCESTER AVE)
1+63 RT ~ 2+93 RT (WORCESTER AVE)
3+12 RT (WORCESTER AVE) ~ 38+93 RT

38+98 ~ 39+85 RT
39+97 ~ 40+00 RT
36+72 ~ 39+28 RT
0+57 ~ 3+16 LT (WORCESTER AVE)
35+00 ~ 37+99 RT (MEDIAN)
35+00 ~ 37+99 LT (MEDIAN)
37+08 ~ 37+86 LT
10+62 ~ 11+99 LT (HIGHLAND AVE)
12+05 ~ 12+48 LT (HIGHLAND AVE)
10+32 ~ 10+38 LT (MEDIAN HIGHLAND AVE)
10+32 ~ 10+36 RT (MEDIAN HIGHLAND AVE)
10+44 ~ 11+36 RT (MEDIAN HIGHLAND AVE)
10+41 ~ 11+36 RT (MEDIAN HIGHLAND AVE)
15+83 ~ 15+44 LT (SCHOOL DR)
11+85 ~ 11+97 RT (HIGHLAND AVE)
12+02 ~ 12+41 RT (HIGHLAND AVE)
15+37 ~ 15+83 RT (SCHOOL DR)
10+35 ~ 11+49 RT (HIGHLAND AVE)
39+66 ~ 38+95 LT
20+47 ~ 20+56 LT (HEBARD AVE)
20+47 ~ 20+56 RT (HEBARD AVE)

PORTLAND CEMENT CONCRETE
SIDEWALK, 5 INCH (MOD.)

35+00 ~ 1+33 RT (WORCESTER AVE)
1+60 ~ 2+88 RT (WORCESTER AVE)
3+16 RT (WORCESTER AVE) ~ 39+80 RT
35+00 ~ 12+00 LT (HIGHLAND AVE)
11+51 LT (HIGHLAND AVE) ~ 39+69 LT
39+91 ~ 40+00 LT

PORTLAND CEMENT CONCRETE
SIDEWALK, 8 INCH (MOD.)

39+80 ~ 40+00 RT
2+88 ~ 3+16 RT (WORCESTER AVE)

BRICK PAVING

35+00 ~ 37+96.7 MEDIAN ISLAND 99.4 54'

CONSTRUCT CONCRETE SIDEWALK
RAMPS W/ DETECTABLE
WARNING SURFACE

38+96 RT TYPE 2
38+94 LT TYPE 2

5+33 RT TYPE 6 (WORCESTER AVE)
5+28 LT TYPE 6 (WORCESTER AVE)
10+40 LT TYPE 6 (HIGHLAND AVE)
11+50 RT TYPE 6 (HIGHLAND AVE)
11+83 RT TYPE 6 (HIGHLAND AVE)
12+00 RT TYPE 6 (HIGHLAND AVE)
12+00 LT TYPE 6 (HIGHLAND AVE)
20+44 RT TYPE 6 (HEBARD AVE)
20+44 LT TYPE 6 (HEBARD AVE)

CONSTRUCT BITUMINOUS
CONCRETE DRIVES

2+93 ~ 3+12 RT (WORCESTER AVE)
12+41 ~ 12+62 RT (HIGHLAND AVE)
13+47 ~ 13+70 RT (HIGHLAND AVE)

REMOVING AND RESETTING
PROPERTY MARKERS

0+69 RT (WORCESTER AVE)

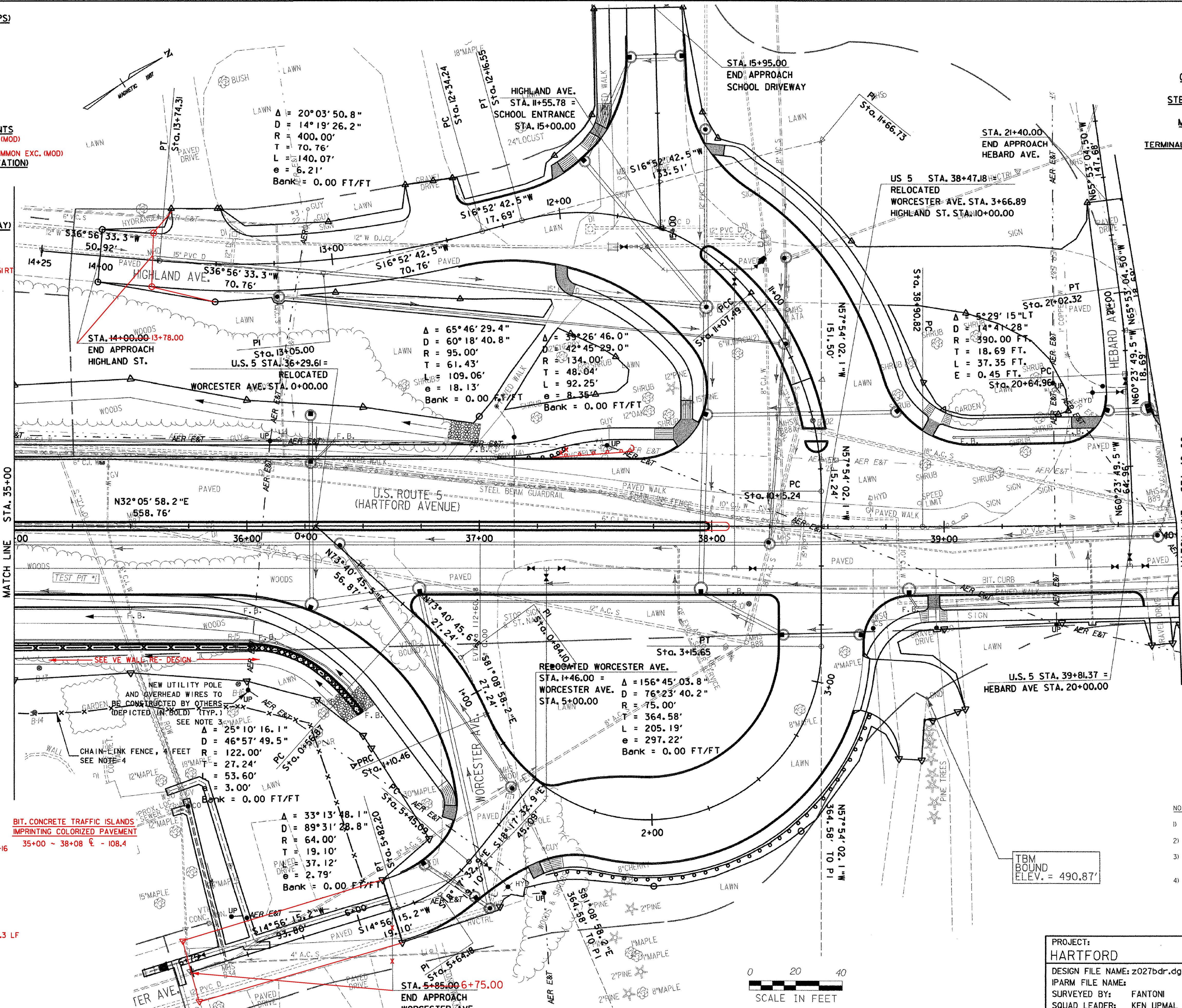
MISCELLANEOUS FENCE
(WOOD POST AND RAIL)

1+67 ~ 2+93 RT (WORCESTER AVE) ~ 172 FT 149.3 LF

CHAIN-LINK FENCE, 4 FEET

35+00 RT ~ 5+93 RT (WORCESTER AVE)

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A



CHAIN-LINK FENCE, 6 FEET
35+00 ~ 36+50 RT - 159 FT

REMOVAL OF EXISTING FENCE
35+00 ~ 38+48 LT
35+00 RT ~ 5+93 RT (WORCESTER AVE)
(REMOVAL OF CHAIN-LINK FENCE, 4 FEET
AT PROJECT COMPLETION)

CONCRETE MEDIAN BARRIER (MOD.)
35+00 ~ 37+08 LT

STEEL BEAM GUARD RAIL (GALVANIZED)
37+08 ~ 37+26.8 LT

MANUFACTURED TERMINAL SECTION
37+26.8 LT - TEACH

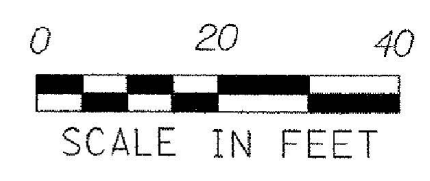
TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL
37+08 LT - TEACH

REMOVAL AND DISPOSAL OF
EXISTING GUARDRAIL
35+00 ~ 39+11 LT

- NOTES:
- REFER TO CURB LAYOUT SHEETS FOR CURBING LAYOUT AND DIMENSIONS.
 - REFER TO DRAIN, SEWER, AND WATER LAYOUT SHEETS FOR UTILITY LAYOUT.
 - PROPOSED UTILITY POLES AND OVERHEAD WIRES TO BE CONSTRUCTED BY OTHERS; THE LOCATIONS SHOWN ON THIS PLAN ARE APPROXIMATE.
 - CHAIN-LINK FENCE, 4 FEET SHALL BE INSTALLED AT THE START OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. INSTALL FENCE 5' BEYOND (TYP.) THE LIMIT OF SLOPE WORK. LOCATION OF THE FENCE SHALL BE FIELD ADJUSTED TO AVOID CUTTING OR REMOVING OF TREES. REMOVE FENCE AT PROJECT COMPLETION.

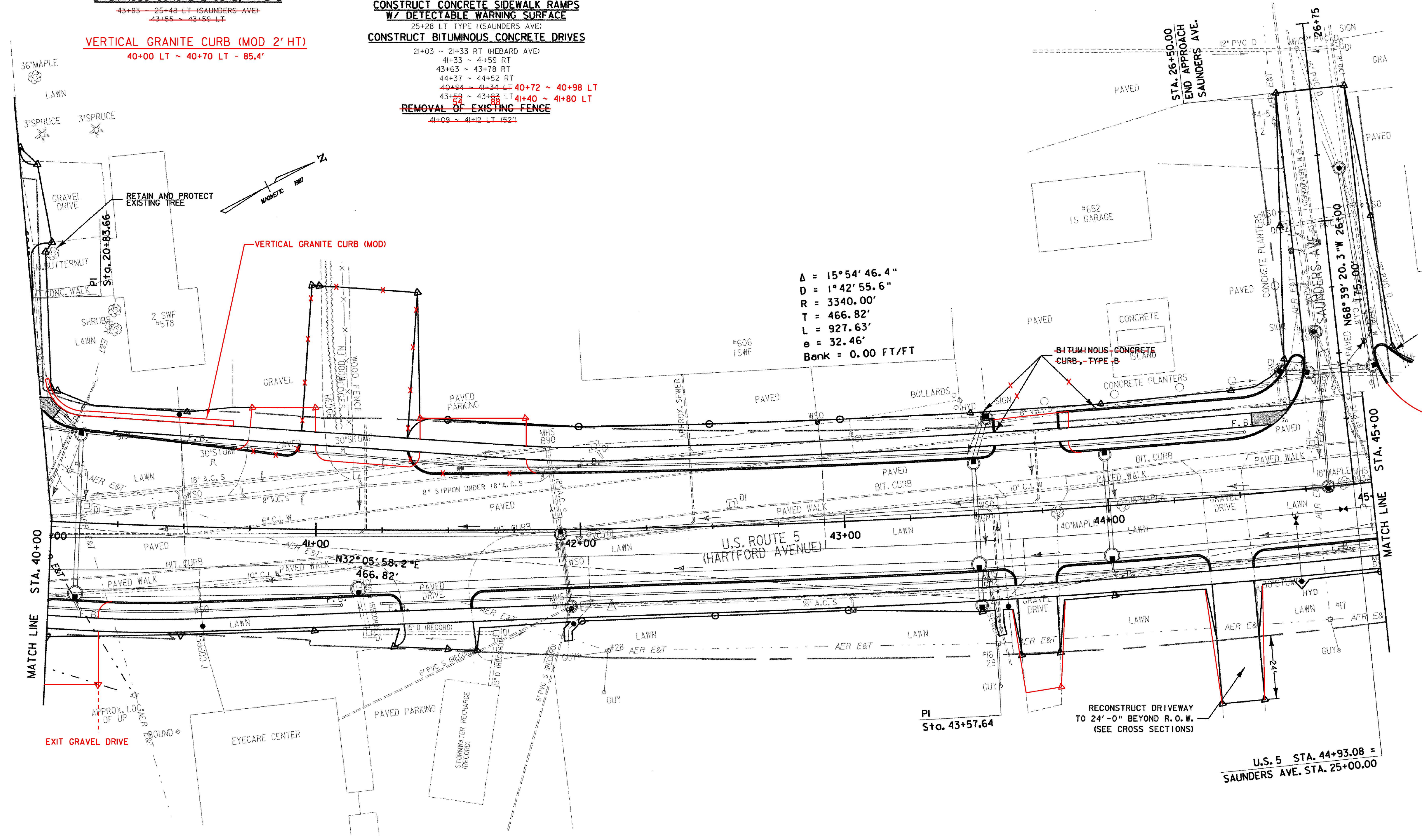
PROJECT: HARTFORD	PROJECT NO. : RS 0113(40)
DESIGN FILE NAME: z027bdr.dgn	PLOT DATE: 2/28/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 47 OF 239

ROADWAY LAYOUT SHEET 4

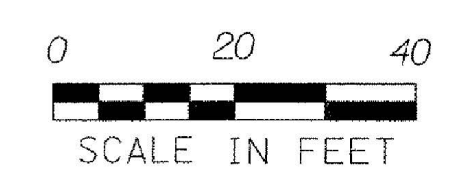


- CLEARING AND GRUBBING
(INCLUDING INDIVIDUAL TREES AND STUMPS)**
- 40+60 LT (M)
 - 41+10 LT (M)
 - 43+81 RT (L)
 - 44+06 RT (M)
 - 44+53 RT (M)
 - 44+89 LT (M)
- REMOVE EXISTING SIDEWALK (COMMON EXCAVATION)**
- 40+00 ~ 41+25 RT
 - 41+62 ~ 42+48 RT
 - 41+96 ~ 43+62 LT
 - 43+85 ~ 44+35 LT
 - 44+52 ~ 45+00 LT
- SOLID ROCK EXCAVATION
(REMOVAL OF EXISTING CONCRETE ROADWAY)**
- 40+00 ~ 45+00 - 7' x 22' WIDE 18" (EST. FROM 1931 REC. PLANS)
- VERTICAL GRANITE CURB**
- 40+00 ~ 41+33 RT
 - 41+59 ~ 43+63 RT
 - 43+78 ~ 44+37 RT
 - 44+52 ~ 45+00 RT
 - 40+00 ~ 40+94 LT 62
 - 41+34 ~ 43+59 LT 40+86 ~ 41+33 LT
 - 43+83 ~ 44+65 LT 41+73 ~ 43+63 LT
 - 25+31 ~ 25+48 LT (SAUNDERS AVE)
- BITUMINOUS CONCRETE CURB, TYPE B**
- 43+83 ~ 25+48 LT (SAUNDERS AVE)
 - 43+55 ~ 43+59 LT
- VERTICAL GRANITE CURB (MOD 2' HT)**
- 40+00 LT ~ 40+70 LT - 85.4'

- PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (MOD.)**
- 40+02 ~ 41+28 RT
 - 41+64 ~ 43+58 RT
 - 43+83 ~ 44+32 RT
 - 44+57 ~ 45+00 RT
 - 40+00 ~ 40+99 LT 62
 - 41+39 ~ 43+54 LT 41+73 ~ 43+54 LT
 - 43+88 ~ 44+71 LT
- PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH (MOD.)**
- 40+00 ~ 40+02 RT
 - 41+28 ~ 41+64 RT
 - 43+58 ~ 43+83 RT
 - 44+32 ~ 44+57 RT
 - 40+89 ~ 41+39 LT 40+62 ~ 40+86 LT
 - 43+54 ~ 43+88 LT 41+33 ~ 41+73 LT
- CONSTRUCT CONCRETE SIDEWALK RAMP
W/ DETECTABLE WARNING SURFACE**
- 25+28 LT TYPE 1 (SAUNDERS AVE)
- CONSTRUCT BITUMINOUS CONCRETE DRIVES**
- 21+03 ~ 21+33 RT (HEBARD AVE)
 - 41+33 ~ 41+59 RT
 - 43+63 ~ 43+78 RT
 - 44+37 ~ 44+52 RT
 - 40+89 ~ 41+34 LT 40+72 ~ 40+98 LT
 - 43+59 ~ 43+83 LT 41+40 ~ 41+80 LT
- REMOVAL OF EXISTING FENCE**
- 41+09 ~ 41+12 LT (52')



DATUM	
VERTICAL	NGVD 1929
HORIZONTAL	N/A



- NOTES:**
- 1) REFER TO CURB LAYOUT SHEETS FOR CURBING LAYOUT AND DIMENSIONS.
 - 2) REFER TO DRAIN, SEWER, AND WATER LAYOUT SHEETS FOR UTILITY LAYOUT.

PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z027bdr.dgn	PLOT DATE: 1/11/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 48 OF 239

**CLEARING AND GRUBBING
(INCLUDING INDIVIDUAL TREES AND STUMPS)**

45+12 LT(S)
45+25 LT (M)
45+89 LT (M)
46+46 RT (M)
47+27 RT (L)
47+31 RT (L)
48+71 RT (2) (M)

REMOVE EXISTING SIDEWALK (COMMON EXCAVATION)

45+00 ~ 45+53 LT
45+59 ~ 45+95 LT
46+11 ~ 47+36 LT
47+65 ~ 48+40 LT
48+40 ~ 48+88 LT
49+18 ~ 50+00 RT

**SOLID ROCK EXCAVATION
(REMOVAL OF EXISTING CONCRETE ROADWAY)**

45+00 ~ 50+00 - 7' x 22' WIDE 18"
(EST. FROM 1931 REC. PLANS)

VERTICAL GRANITE CURB

GRANITE SLOPE EDGING

45+94 ~ 46+07 RT
(2" REVEAL)

VERTICAL GRANITE CURB

45+00 ~ 45+53 RT
45+71 ~ 45+94 RT
46+07 ~ 47+18 RT
47+44 ~ 48+86 RT
49+21 ~ 50+00 RT
25+48 ~ 25+32 RT (SAUNDERS AVE)
45+17 ~ 45+95 LT
46+19 ~ 46+85 LT
46+99 ~ 47+65 LT
47+79 ~ 48+91 LT
30+30 ~ 30+38 LT (PIERCE ST)
49+27 ~ 50+00 LT

VERTICAL GRANITE CURB

BITUMINOUS CONCRETE CURB, TYPE B

25+48 RT (SAUNDERS AVE) ~ 45+95 LT
30+35 RT (PIERCE ST) ~ 50+00 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (MOD.)

45+15 ~ 45+90 LT
46+24 ~ 46+80 LT
47+04 ~ 48+95 LT
49+24 ~ 50+00 LT
45+00 ~ 45+54 RT
45+76 ~ 47+13 RT **45+94 RT**
47+49 ~ 48+81 RT **46+07 ~ 47+13 RT**
49+26 ~ 50+00 RT
47+43 LT (PRIVATE - 3.5' WIDE x 10' LONG)
47+96 LT (PRIVATE - 4.5' WIDE x 10' LONG)

PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH (MOD.)

45+54 ~ 45+76 RT
47+13 ~ 47+49 RT
48+81 ~ 49+26 RT
45+30 ~ 46+24 LT
46+80 ~ 47+04 LT
47+60 ~ 47+84 LT
45+94 ~ 46+07 RT

**CONSTRUCT CONCRETE SIDEWALK RAMPS
W/ DETECTABLE WARNING SURFACE**

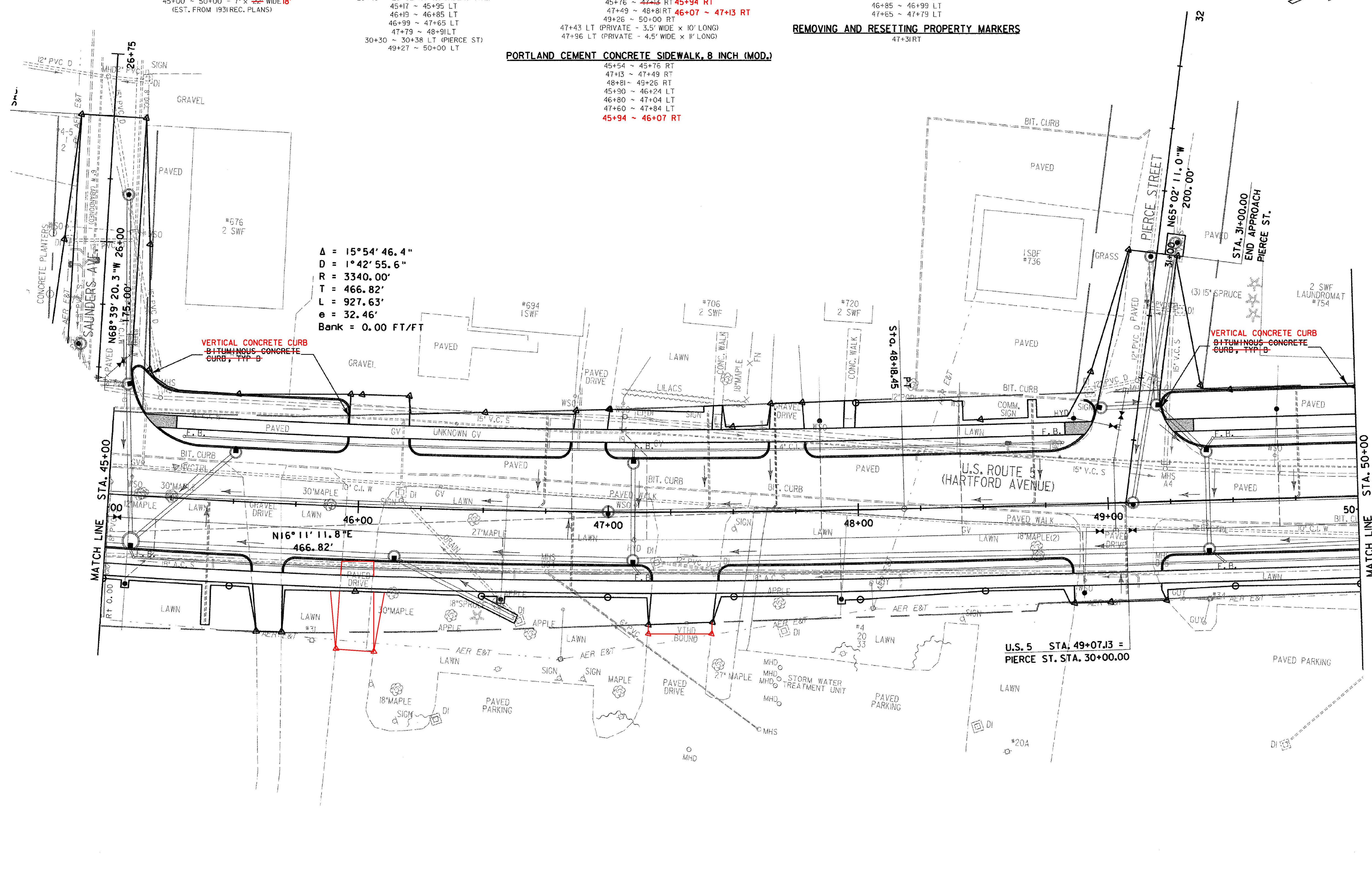
25+30 RT TYPE 1 (SAUNDERS AVE)
30+27 LT TYPE 1 (PIERCE ST)
30+33 RT TYPE 1 (PIERCE ST)

CONSTRUCT BITUMINOUS CONCRETE DRIVES

45+59 ~ 45+71 RT
47+18 ~ 47+44 RT
48+86 ~ 49+21 RT
45+95 ~ 46+19 LT
46+85 ~ 46+99 LT
47+65 ~ 47+79 LT

REMOVING AND RESETTING PROPERTY MARKERS

47+31 RT

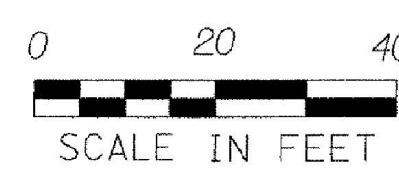


$\Delta = 15^{\circ}54'46.4''$
 $D = 1^{\circ}42'55.6''$
 $R = 3340.00'$
 $T = 466.82'$
 $L = 927.63'$
 $e = 32.46'$
Bank = 0.00 FT/FT

DATUM

VERTICAL	NGVD 1929
HORIZONTAL	N/A

- NOTES:**
- REFER TO CURB LAYOUT SHEETS FOR CURBING LAYOUT AND DIMENSIONS.
 - REFER TO DRAIN, SEWER, AND WATER LAYOUT SHEETS FOR UTILITY LAYOUT.



PROJECT: HARTFORD	PROJECT NO. 1: RS 0113(40)
DESIGN FILE NAME: z027bdr.dgn	PLOT DATE: 1/13/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTON	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 49 OF 239

REMOVE EXISTING SIDEWALK (COMMON EXCAVATION)

50+00 ~ 51+93 RT
52+35 ~ 53+50 RT
53+73 ~ 54+72 RT

**SOLID ROCK EXCAVATION
(REMOVAL OF EXISTING CONCRETE ROADWAY)**

50+00 ~ 55+00 = 7' x 22' WIDE 18'
(EST. FROM 1931 REC. PLANS)

EXCAVATION OF SURFACES AND PAVEMENT

50+79 LT ~ 51+11 LT

VERTICAL GRANITE CURB

50+00 ~ 51+93 RT 50+00 ~ 50+25 LT
52+27 ~ 53+50 RT
53+74 ~ 54+74 RT
40+33 ~ 40+41 RT (DEVIN ST)
40+32 ~ 40+41 LT (DEVIN ST)
50+00 ~ 50+25 LT
50+49 ~ 50+65 LT
50+79 ~ 51+18 LT
51+33 ~ 52+16 LT 35
65 52+46 ~ 53+51 LT
53+75 ~ 54+14 LT
54+38 ~ 55+00 LT 54+78

BITUMINOUS CONCRETE CURB, TYPE B

50+00 ~ 50+25 LT
54+00 ~ 54+14 LT
54+30 ~ 54+47 LT
54+78 ~ 55+00 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (MOD.)

50+00 ~ 50+20 LT
50+54 ~ 50+60 LT
50+84 ~ 51+13 LT
50+00 ~ 51+96 RT
51+38 ~ 52+11 LT 35
52+24 ~ 53+45 RT
65 52+46 ~ 53+46 LT
53+80 ~ 54+09 LT
53+79 ~ 54+77 RT
54+43 ~ 55+00 LT 54+78 LT
51+28 RT (PRIVATE - 4' WIDE x 6' LONG)
51+73 LT (PRIVATE - 5' WIDE x 5' LONG)

PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH (MOD.)

50+20 ~ 50+54 LT
50+60 ~ 50+84 LT
51+13 ~ 51+38 LT
35 52+11 ~ 52+46 LT 65
53+46 ~ 53+80 LT
53+45 ~ 53+79 RT
54+09 ~ 54+43 LT

**CONSTRUCT CONCRETE SIDEWALK RAMP
W/ DETECTABLE WARNING SURFACE**

35+33 RT TYPE 1 (GOUDREAU ST)
35+28 LT TYPE 1 (GOUDREAU ST)
40+30 RT TYPE 1 (DEVIN ST)

CONSTRUCT BITUMINOUS CONCRETE DRIVES

50+25 ~ 50+49 LT
50+65 ~ 50+79 LT
51+18 ~ 51+33 LT
52+16 ~ 52+46 LT 52+35 ~ 52+65 LT
53+51 ~ 53+75 LT
53+50 ~ 53+74 RT
54+14 ~ 54+38 LT
54+77 ~ 54+94 RT

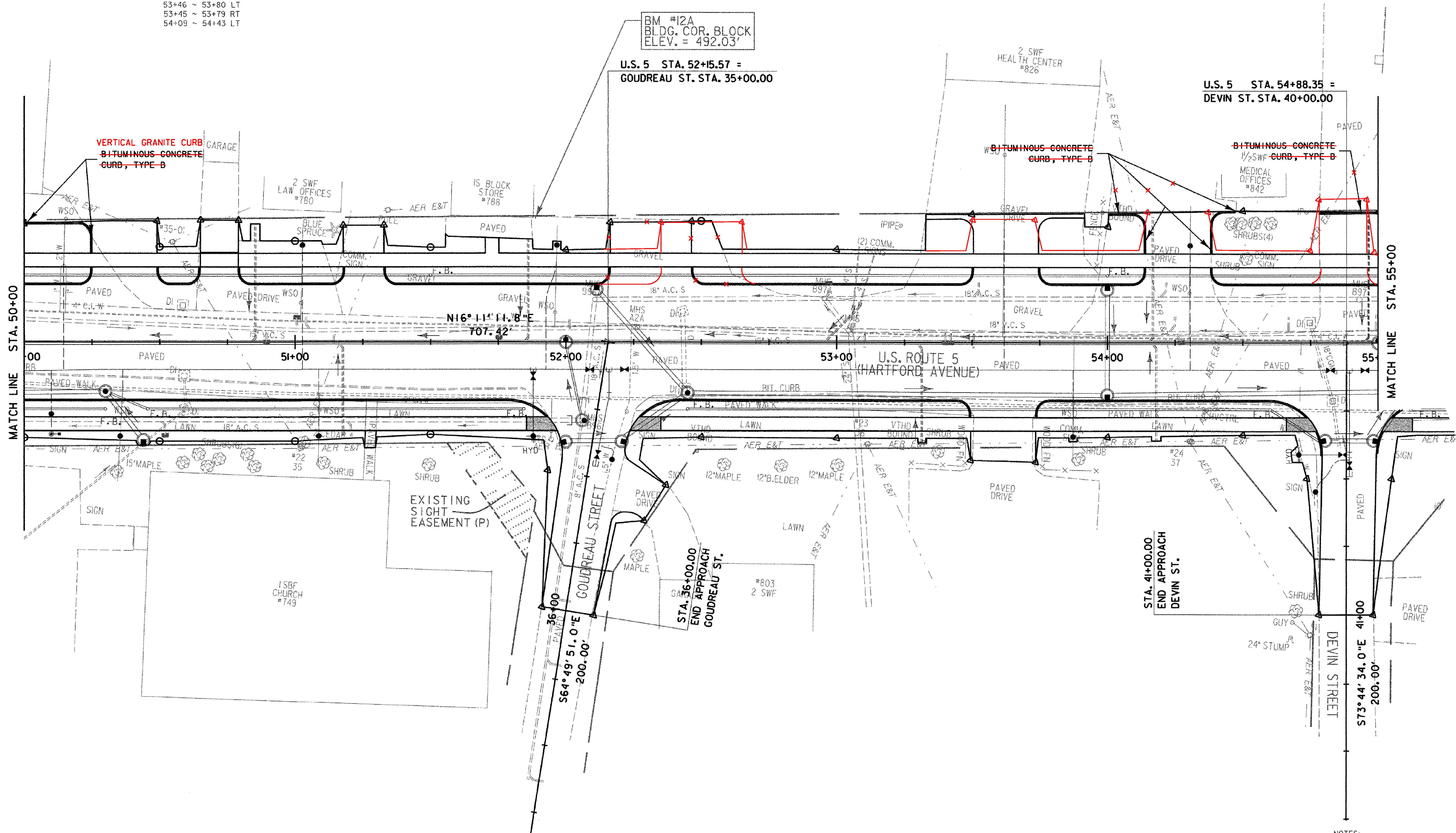
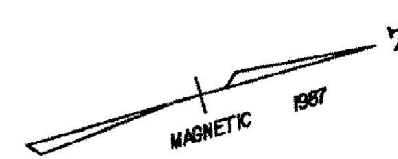
REMOVING AND RESETTING PROPERTY MARKERS

53+25 RT

54+00 LT

REMOVAL OF EXISTING FENCE

53+96 ~ 53+98 LT (20' TO R.O.W.)



BM #12A
BLDG. COR. BLOCK
ELEV. = 492.03'
U.S. 5 STA. 52+15.57 =
GOUDREAU ST. STA. 35+00.00

U.S. 5 STA. 54+88.35 =
DEVIN ST. STA. 40+00.00

- NOTES:
- 1) REFER TO CURB LAYOUT SHEETS FOR CURBING LAYOUT AND DIMENSIONS.
 - 2) REFER TO DRAIN, SEWER, AND WATER LAYOUT SHEETS FOR UTILITY LAYOUT.

DATUM

VERTICAL	NGVD 1929
HORIZONTAL	N/A



PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z027bdr.dgn	PLOT DATE: 1/11/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 50 OF 239

ROADWAY LAYOUT SHEET 7

MOVE EXISTING SIDEWALK (COMMON EXCAVATION)

50+00 ~ 51+93 RT
52+35 ~ 53+50 RT
53+73 ~ 54+72 RT

**SOLID ROCK EXCAVATION
(REMOVAL OF EXISTING CONCRETE ROADWAY)**

50+00 ~ 55+00 - 7' x 22' WIDE
(EST. FROM 1931 REC. PLANS)

EXCAVATION OF SURFACES AND PAVEMENT

50+79 LT ~ 51+11 LT

VERTICAL GRANITE CURB

50+00 ~ 51+93 RT
52+27 ~ 53+50 RT
53+74 ~ 54+74 RT
40+33 ~ 40+41 RT (DEVIN ST)
40+32 ~ 40+41 LT (DEVIN ST)
50+00 ~ 50+25 LT
50+49 ~ 50+65 LT
50+79 ~ 51+18 LT
51+33 ~ 52+16 LT
52+46 ~ 53+15 LT
53+75 ~ 54+14 LT
54+38 ~ 55+00 LT

BITUMINOUS CONCRETE CURB, TYPE B

50+00 ~ 50+25 LT
54+00 ~ 54+14 LT
54+38 ~ 54+47 LT
54+78 ~ 55+00 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (MOD.)

50+00 ~ 50+20 LT
50+54 ~ 50+60 LT
50+84 ~ 51+13 LT
50+00 ~ 51+96 RT
51+38 ~ 52+11 LT
52+24 ~ 53+45 RT
52+51 ~ 53+46 LT
53+80 ~ 54+09 LT
53+79 ~ 54+77 RT
54+43 ~ 55+00 LT
51+28 RT (PRIVATE - 4' WIDE x 6' LONG)
51+73 LT (PRIVATE - 5' WIDE x 5' LONG)

PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH (MOD.)

50+20 ~ 50+54 LT
50+60 ~ 50+84 LT
51+13 ~ 51+38 LT
52+11 ~ 52+51 LT
53+46 ~ 53+80 LT
53+45 ~ 53+79 RT
54+09 ~ 54+43 LT

**CONSTRUCT CONCRETE SIDEWALK RAMPS
W/ DETECTABLE WARNING SURFACE**

35+33 RT TYPE I (GOUDREAU ST)
35+28 LT TYPE I (GOUDREAU ST)
40+30 RT TYPE I (DEVIN ST)

CONSTRUCT BITUMINOUS CONCRETE DRIVES

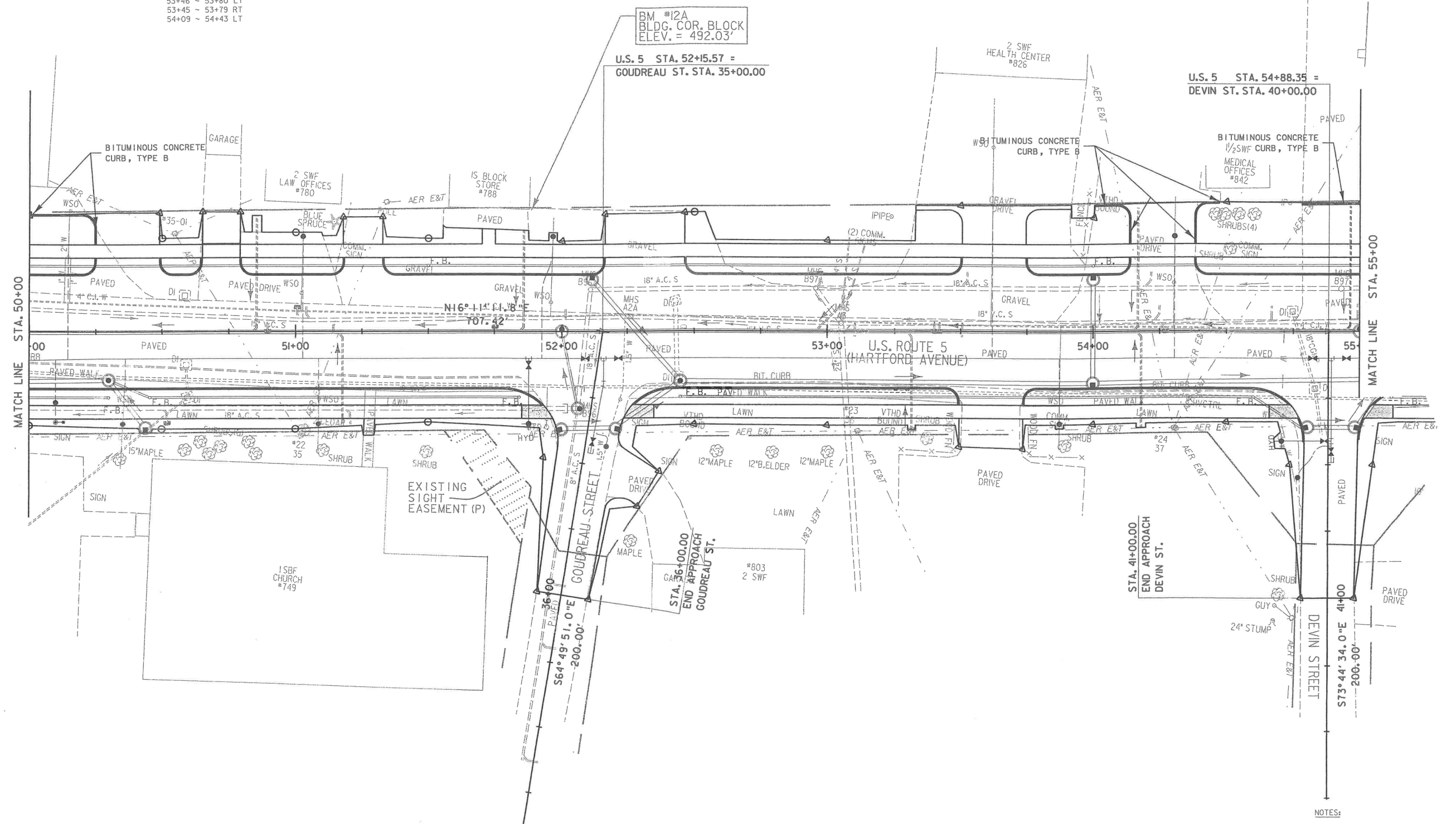
50+25 ~ 50+49 LT
50+65 ~ 50+79 LT
51+18 ~ 51+33 LT
52+16 ~ 52+46 LT
53+51 ~ 53+75 LT
53+50 ~ 53+74 RT
54+14 ~ 54+38 LT

REMOVING AND RESETTING PROPERTY MARKERS

53+25 RT
54+00 LT

REMOVAL OF EXISTING FENCE

53+96 ~ 53+98 LT (20' TO R.O.W.)



ROADWAY LAYOUT SHEET 7

- NOTES:
- REFER TO CURB LAYOUT SHEETS FOR CURBING LAYOUT AND DIMENSIONS.
 - REFER TO DRAIN, SEWER, AND WATER LAYOUT SHEETS FOR UTILITY LAYOUT.



PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z027bdr.dgn	PLOT DATE: 1/11/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 50 OF 239

NL NGVD 1929
TAL N/A

REMOVE EXISTING SIDEWALK (COMMON EXCAVATION)
 55+02 ~ 57+13 RT
 57+49 ~ 57+99 RT
 58+24 ~ 60+00 RT

**SOLID ROCK EXCAVATION
 (REMOVAL OF EXISTING CONCRETE ROADWAY)**
 55+00 ~ 60+00 - 7' x 22' WIDE
 (EST. FROM 1931 REC. PLANS)

COLD PLANING-BIT.PAVEMENT
 59+50 ~ 60+00 RT

VERTICAL GRANITE CURB
 55+05 ~ 57+12 RT
 57+47 ~ 58+01 RT
 45+32 ~ 45+45 RT (ADVENT LN)
 45+45 ~ 45+34 LT (ADVENT LN)
 58+30 ~ 58+45 RT
 55+00 ~ 55+67 LT
 55+91 ~ 56+82 LT
 57+23 ~ 58+29 LT
 58+53 ~ 59+50 LT

BITUMINOUS CONCRETE CURB, TYPE B
 55+00 ~ 55+67 LT
 55+91 ~ 56+61 LT
 56+75 ~ 56+83 LT
 57+23 ~ 57+33 LT

REMOVING AND RESETTING CURB
 58+40 ~ 60+00 RT

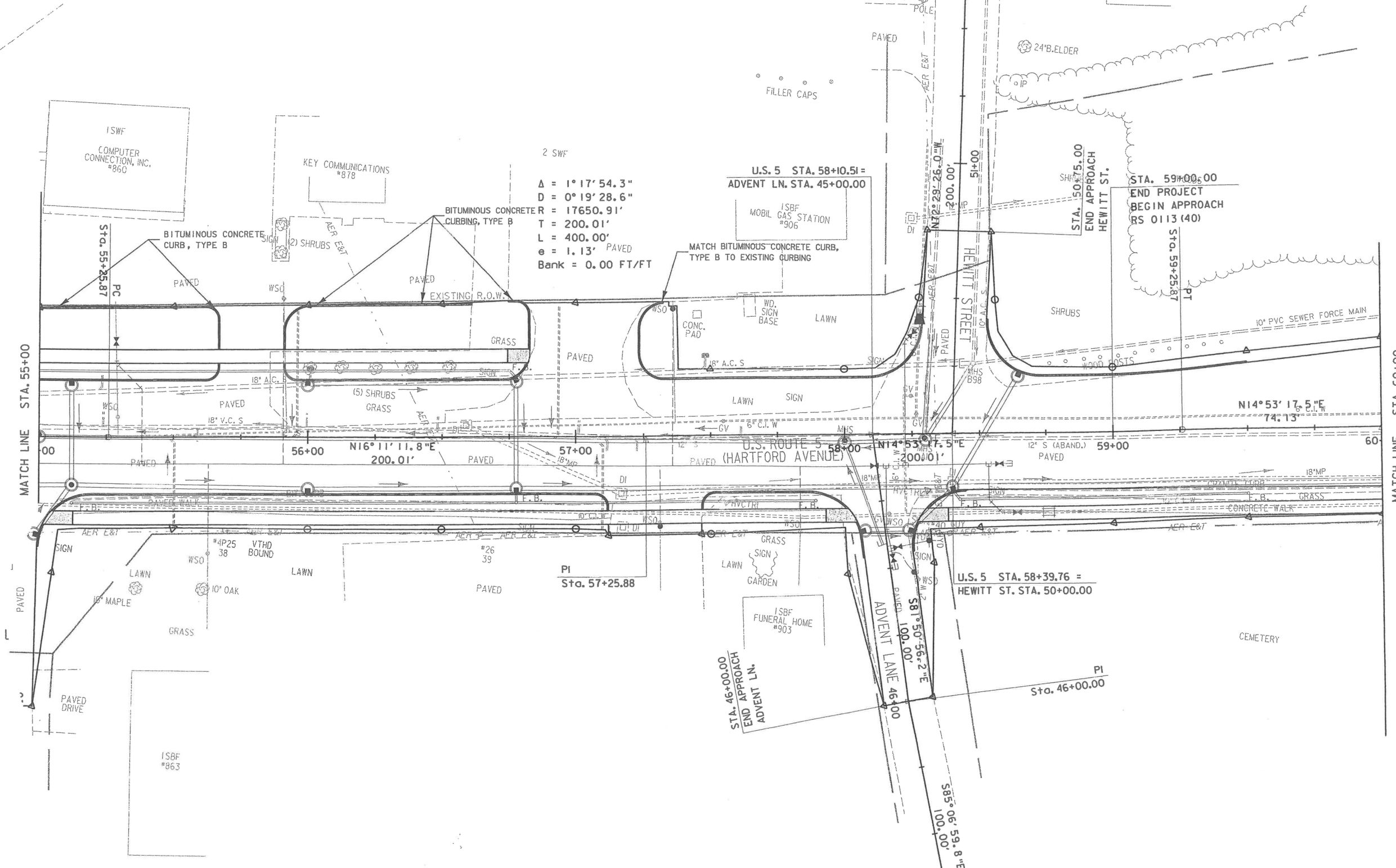
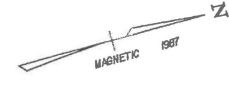
PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (MOD.)
 55+00 ~ 55+62 LT
 55+96 ~ 56+83 LT
 55+02 ~ 57+07 RT
 57+52 ~ 58+05 RT
 58+27 ~ 60+00 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 8 INCH (MOD.)
 55+62 ~ 55+96 LT
 57+07 ~ 57+52 RT

**CONSTRUCT CONCRETE SIDEWALK RAMPS
 W/ DETECTABLE WARNING SURFACE**
 40+30 LT TYPE I (DEVIN STREET)
 45+28 RT TYPE I (ADVENT LANE)
 45+33 LT TYPE I (ADVENT LANE)
 56+83 LT TYPE I

CONSTRUCT BITUMINOUS CONCRETE DRIVES
 57+12 ~ 57+47 RT
 55+67 ~ 55+91 LT
 56+82 ~ 57+23 LT

REMOVAL AND DISPOSAL OF GUIDE POSTS
 58+76 ~ 59+42 LT - II EACH



2 SWF
 $\Delta = 1^\circ 17' 54.3''$
 $D = 0^\circ 19' 28.6''$
 $R = 17650.91'$
 $T = 200.01'$
 $L = 400.00'$
 $e = 1.13'$ PAVED
 Bank = 0.00 FT/FT

ROADWAY LAYOUT SHEET 8

CAL NGVD 1929
 NTAL N/A

- NOTES:
- REFER TO CURB LAYOUT SHEETS FOR CURBING LAYOUT AND DIMENSIONS.
 - REFER TO DRAIN, SEWER, AND WATER LAYOUT SHEETS FOR UTILITY LAYOUT.



PROJECT: HARTFORD	PROJECT NO. : RS 0113(40)
DESIGN FILE NAME: z027bdr.dgn	PLOT DATE: 1/13/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 51 OF 239

CLEARING AND GRUBBING
 (INCLUDING INDIVIDUAL TREES AND STUMPS)
 60+80 LT ~ 61+00 LT

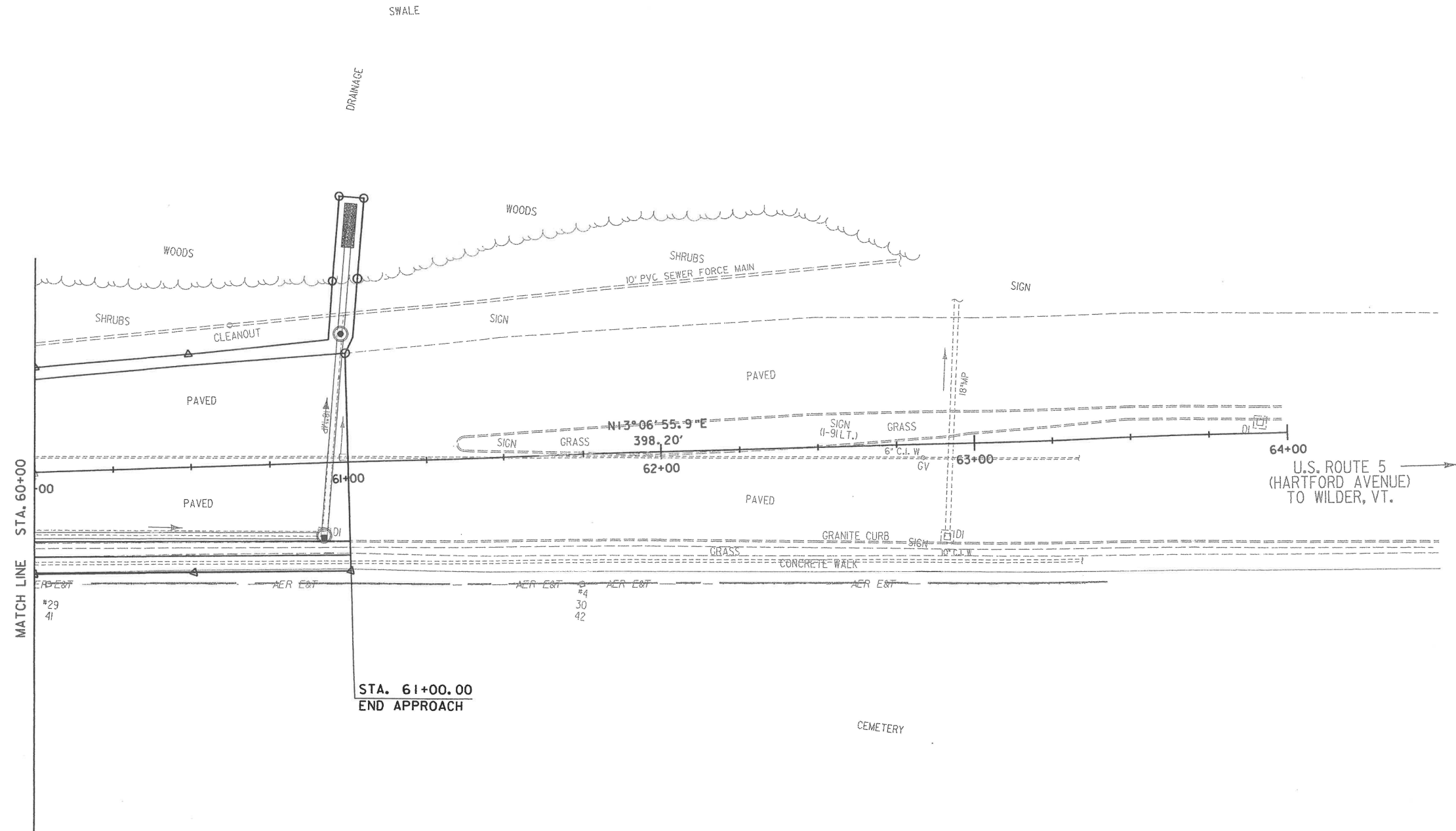
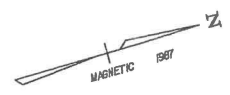
COLD PLANING-BIT PAVEMENT
 60+00 ~ 61+00

REMOVE EXISTING SIDEWALK (COMMON EXCAVATION)
 60+00 ~ 61+00 RT

SOLID ROCK EXCAVATION
 (REMOVAL OF EXISTING CONCRETE ROADWAY)
 60+00 ~ 61+00 - 7' x 22' WIDE
 (EST. FROM 1931 REC. PLANS)

STONE FILL, TYPE II
 61+03 - 4' WIDE X 14' LONG

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH (MOD.)
 60+00 ~ 61+00 RT



ROADWAY LAYOUT SHEET 9

AL NGVD 1929
 VTAL N/A



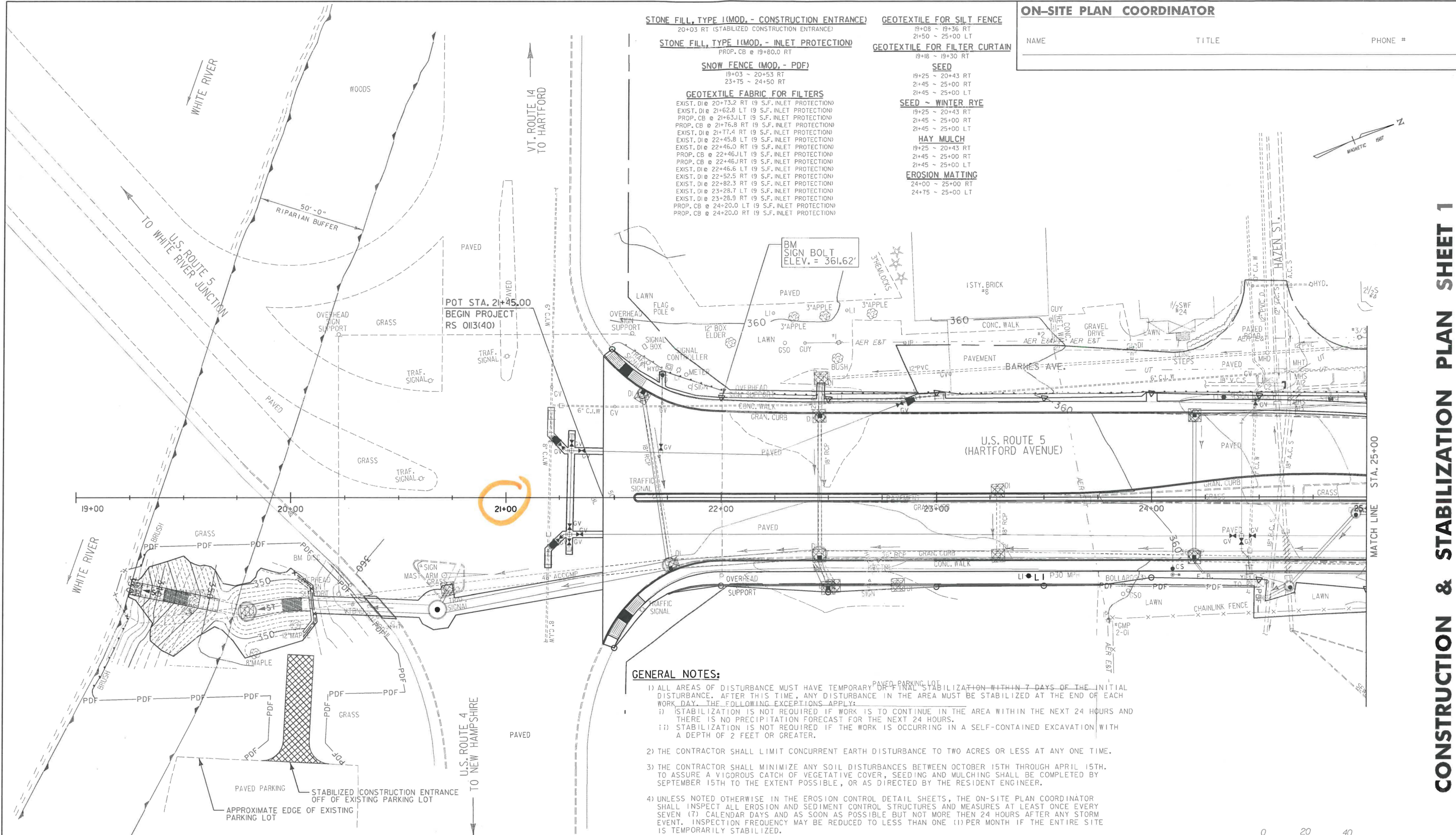
- NOTES:**
- REFER TO CURB LAYOUT SHEETS FOR CURBING LAYOUT AND DIMENSIONS.
 - REFER TO DRAIN, SEWER, AND WATER LAYOUT SHEETS FOR UTILITY LAYOUT.

PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z027bdr.dgn	PLOT DATE: 1/11/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 52 OF 239

ON-SITE PLAN COORDINATOR

NAME	TITLE	PHONE #

- STONE FILL, TYPE I(MOD. - CONSTRUCTION ENTRANCE)**
20+03 RT (STABILIZED CONSTRUCTION ENTRANCE)
- STONE FILL, TYPE I(MOD. - INLET PROTECTION)**
PROP. CB @ 19+80.0 RT
- SNOW FENCE (MOD. - PDF)**
19+03 ~ 20+53 RT
23+75 ~ 24+50 RT
- GEOTEXTILE FABRIC FOR FILTERS**
EXIST. DI @ 20+73.2 RT (9 S.F. INLET PROTECTION)
EXIST. DI @ 21+62.8 LT (9 S.F. INLET PROTECTION)
PROP. CB @ 21+63.1 LT (9 S.F. INLET PROTECTION)
PROP. CB @ 21+76.8 RT (9 S.F. INLET PROTECTION)
EXIST. DI @ 21+77.4 RT (9 S.F. INLET PROTECTION)
EXIST. DI @ 22+45.8 LT (9 S.F. INLET PROTECTION)
EXIST. DI @ 22+46.0 RT (9 S.F. INLET PROTECTION)
PROP. CB @ 22+46.1 LT (9 S.F. INLET PROTECTION)
PROP. CB @ 22+46.1 RT (9 S.F. INLET PROTECTION)
EXIST. DI @ 22+46.6 LT (9 S.F. INLET PROTECTION)
EXIST. DI @ 22+52.5 RT (9 S.F. INLET PROTECTION)
EXIST. DI @ 22+82.3 RT (9 S.F. INLET PROTECTION)
EXIST. DI @ 23+28.7 LT (9 S.F. INLET PROTECTION)
EXIST. DI @ 23+28.9 RT (9 S.F. INLET PROTECTION)
PROP. CB @ 24+20.0 LT (9 S.F. INLET PROTECTION)
PROP. CB @ 24+20.0 RT (9 S.F. INLET PROTECTION)
- GEOTEXTILE FOR SILT FENCE**
19+08 ~ 19+36 RT
21+50 ~ 25+00 LT
- GEOTEXTILE FOR FILTER CURTAIN**
19+18 ~ 19+30 RT
- SEED**
19+25 ~ 20+43 RT
21+45 ~ 25+00 RT
21+45 ~ 25+00 LT
- SEED ~ WINTER RYE**
19+25 ~ 20+43 RT
21+45 ~ 25+00 RT
21+45 ~ 25+00 LT
- HAY MULCH**
19+25 ~ 20+43 RT
21+45 ~ 25+00 RT
21+45 ~ 25+00 LT
- EROSION MATTING**
24+00 ~ 25+00 RT
24+75 ~ 25+00 LT



GENERAL NOTES:

- 1) ALL AREAS OF DISTURBANCE MUST HAVE TEMPORARY OR FINAL STABILIZATION WITHIN 7 DAYS OF THE INITIAL DISTURBANCE. AFTER THIS TIME, ANY DISTURBANCE IN THE AREA MUST BE STABILIZED AT THE END OF EACH WORK DAY. THE FOLLOWING EXCEPTIONS APPLY:
 - i) STABILIZATION IS NOT REQUIRED IF WORK IS TO CONTINUE IN THE AREA WITHIN THE NEXT 24 HOURS AND THERE IS NO PRECIPITATION FORECAST FOR THE NEXT 24 HOURS.
 - ii) STABILIZATION IS NOT REQUIRED IF THE WORK IS OCCURRING IN A SELF-CONTAINED EXCAVATION WITH A DEPTH OF 2 FEET OR GREATER.
- 2) THE CONTRACTOR SHALL LIMIT CONCURRENT EARTH DISTURBANCE TO TWO ACRES OR LESS AT ANY ONE TIME.
- 3) THE CONTRACTOR SHALL MINIMIZE ANY SOIL DISTURBANCES BETWEEN OCTOBER 15TH THROUGH APRIL 15TH. TO ASSURE A VIGOROUS CATCH OF VEGETATIVE COVER, SEEDING AND MULCHING SHALL BE COMPLETED BY SEPTEMBER 15TH TO THE EXTENT POSSIBLE, OR AS DIRECTED BY THE RESIDENT ENGINEER.
- 4) UNLESS NOTED OTHERWISE IN THE EROSION CONTROL DETAIL SHEETS, THE ON-SITE PLAN COORDINATOR SHALL INSPECT ALL EROSION AND SEDIMENT CONTROL STRUCTURES AND MEASURES AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND AS SOON AS POSSIBLE BUT NOT MORE THAN 24 HOURS AFTER ANY STORM EVENT. INSPECTION FREQUENCY MAY BE REDUCED TO LESS THAN ONE (1) PER MONTH IF THE ENTIRE SITE IS TEMPORARILY STABILIZED.
- 5) THE CONTRACTOR SHALL IMMEDIATELY ROUGHEN ALL DISTURBED SOIL SURFACES TO THE SATISFACTION OF THE RESIDENT ENGINEER BY THE USE OF TRACK DRIVEN BULLDOZERS, SHEEPSFOOT ROLLERS OR OTHER APPROVED METHODS.
- 6) THE CONTRACTOR SHALL APPLY DUST CONTROL MEASURES OVER EXPOSED SURFACES NOT INTENDED TO BE VEGETATED.
- 7) REFER TO LANDSCAPE PLANS FOR PLANTING PLANS.
- 8) THE CHAIN-LINK FENCE, 4 FEET LOCATED ALONG THE LIMITS OF CONSTRUCTION BEHIND THE U.S. RTE. 5 GROUND ANCHORED SOLDIER PILE WALL SHALL BE INSTALLED AT THE START OF CONSTRUCTION, MAINTAINED FOR THE DURATION OF THE PROJECT, AND REMOVED AT PROJECT COMPLETION.

EROSION CONTROL LEGEND

	INLET PROTECTION (SEE DETAIL SHEETS FOR APPROPRIATE METHOD)		STABILIZED CONST. ENTRANCE
	TEMPORARY STONE CHECK DAM		SILT FENCE
	STONE DITCH		PROJECT DEMARCATION FENCING (LIMIT OF DISTURBANCE)
	PROPOSED 5' INTERVAL CONTOUR		FILTER CURTAIN
	PROPOSED 1' INTERVAL CONTOUR		

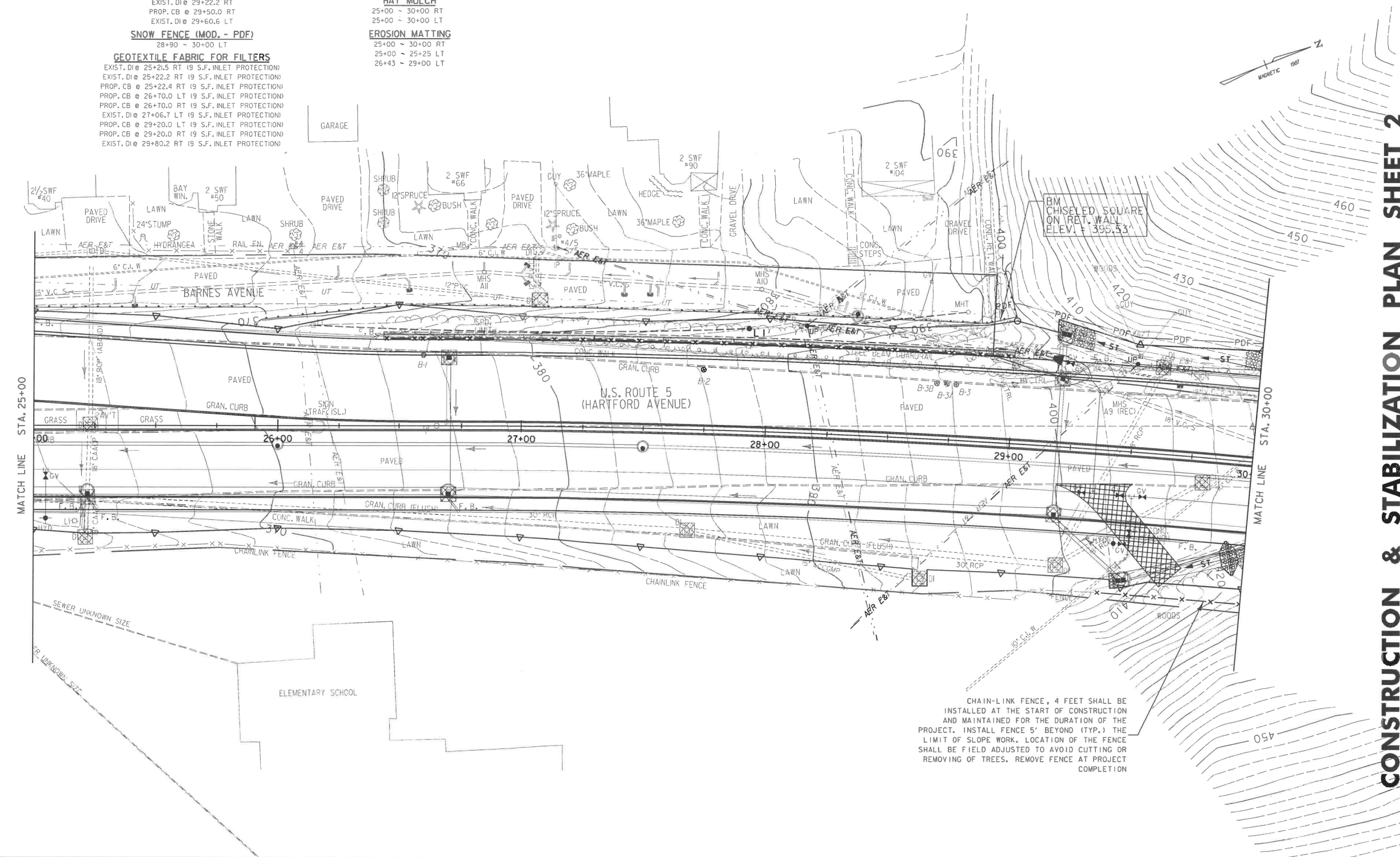
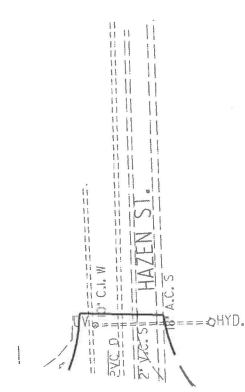
DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A



PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z86c027erosbdr.DGN	PLOT DATE: 3/1/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 134 OF 239

CONSTRUCTION & STABILIZATION PLAN SHEET 1

- STONE FILL, TYPE I (MOD. - CHECK DAM)**
29+94 RT
- STONE FILL, TYPE I (MOD. - CONSTRUCTION ENTRANCE)**
29+36 RT (STABILIZED CONSTRUCTION ENTRANCE)
- STONE FILL, TYPE I (MOD. - INLET PROTECTION)**
EXIST. DI @ 25+23.3 LT
EXIST. DI @ 27+69.5 RT
EXIST. DI @ 28+66.4 RT
PROP. CB @ 29+20.0 LT
EXIST. DI @ 29+22.2 RT
PROP. CB @ 29+50.0 RT
EXIST. DI @ 29+60.6 LT
- SNOW FENCE (MOD. - PDF)**
28+90 ~ 30+00 LT
- GEOTEXTILE FABRIC FOR FILTERS**
EXIST. DI @ 25+21.5 RT 19 S.F. INLET PROTECTION
EXIST. DI @ 25+22.2 RT 19 S.F. INLET PROTECTION
PROP. CB @ 25+22.4 RT 19 S.F. INLET PROTECTION
PROP. CB @ 26+70.0 LT 19 S.F. INLET PROTECTION
PROP. CB @ 26+70.0 RT 19 S.F. INLET PROTECTION
EXIST. DI @ 27+06.7 LT 19 S.F. INLET PROTECTION
PROP. CB @ 29+20.0 LT 19 S.F. INLET PROTECTION
PROP. CB @ 29+20.0 RT 19 S.F. INLET PROTECTION
EXIST. DI @ 29+80.2 RT 19 S.F. INLET PROTECTION
- GEOTEXTILE FOR SILT FENCE**
25+00 ~ 29+00 LT
- SEED**
25+00 ~ 30+00 RT
25+00 ~ 30+00 LT
- SEED ~ WINTER RYE**
25+00 ~ 30+00 RT
25+00 ~ 30+00 LT
- HAY MULCH**
25+00 ~ 30+00 RT
25+00 ~ 30+00 LT
- EROSION MATTING**
25+00 ~ 30+00 RT
25+00 ~ 25+25 LT
26+43 ~ 29+00 LT



CHAIN-LINK FENCE, 4 FEET SHALL BE INSTALLED AT THE START OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. INSTALL FENCE 5' BEYOND (TYP.) THE LIMIT OF SLOPE WORK. LOCATION OF THE FENCE SHALL BE FIELD ADJUSTED TO AVOID CUTTING OR REMOVING OF TREES. REMOVE FENCE AT PROJECT COMPLETION

CONSTRUCTION & STABILIZATION PLAN SHEET 2

EROSION CONTROL LEGEND	
	INLET PROTECTION (SEE DETAIL SHEETS FOR APPROPRIATE METHOD)
	TEMPORARY STONE CHECK DAM
	STONE DITCH
	STABILIZED CONST. ENTRANCE
	SILT FENCE
	PROJECT DEMARCATION FENCING (LIMIT OF DISTURBANCE)
	FILTER CURTAIN

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A



PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z86c02Terosbdr.DGN	PLOT DATE: 3/1/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 135 OF 239

STONE FILL, TYPE I (MOD. - CHECK DAM)
 30+20 RT ~ 32+50 RT SPACED EVERY 10' - 23 EACH (TEMPORARY)
 33+50 RT (TEMPORARY)
 34+50 RT (TEMPORARY)

STONE FILL, TYPE I (MOD. - INLET PROTECTION)
 PROP. CB @ 31+70.0 RT
 PROP. CB @ 31+70.0 LT
 PROP. CB @ 34+20.0 RT
 PROP. CB @ 34+20.0 LT

SNOW FENCE (MOD. - PDF)
 30+00 ~ 35+00 LT

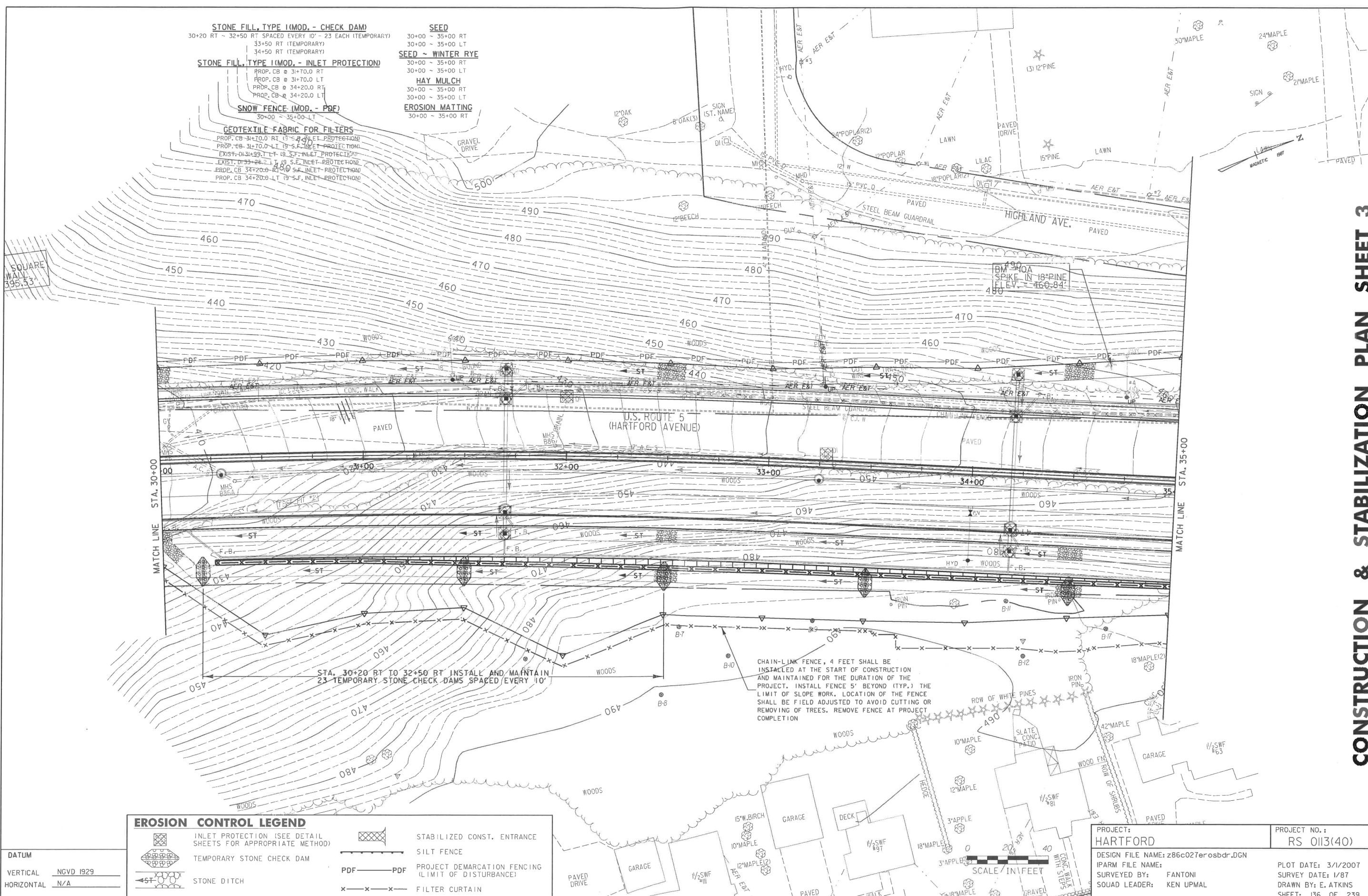
GEOTEXTILE FABRIC FOR FILTERS
 PROP. CB 31+70.0 RT 19' S.F. INLET PROTECTION
 PROP. CB 31+70.0 LT 19' S.F. INLET PROTECTION
 EXIST. DI 31+39.7 LT 19' S.F. INLET PROTECTION
 EXIST. DI 33+28.2 LT 19' S.F. INLET PROTECTION
 PROP. CB 34+20.0 RT 19' S.F. INLET PROTECTION
 PROP. CB 34+20.0 LT 19' S.F. INLET PROTECTION

SEED
 30+00 ~ 35+00 RT
 30+00 ~ 35+00 LT

SEED - WINTER RYE
 30+00 ~ 35+00 RT
 30+00 ~ 35+00 LT

HAY MULCH
 30+00 ~ 35+00 RT
 30+00 ~ 35+00 LT

EROSION MATTING
 30+00 ~ 35+00 RT



STA. 30+20 RT TO 32+50 RT INSTALL AND MAINTAIN 23 TEMPORARY STONE CHECK DAMS SPACED EVERY 10'

CHAIN-LINK FENCE, 4 FEET SHALL BE INSTALLED AT THE START OF CONSTRUCTION AND MAINTAINED FOR THE DURATION OF THE PROJECT. INSTALL FENCE 5' BEYOND (TYP.) THE LIMIT OF SLOPE WORK. LOCATION OF THE FENCE SHALL BE FIELD ADJUSTED TO AVOID CUTTING OR REMOVING OF TREES. REMOVE FENCE AT PROJECT COMPLETION

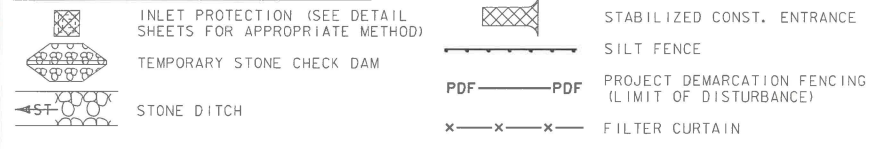
EROSION CONTROL LEGEND	
	INLET PROTECTION (SEE DETAIL SHEETS FOR APPROPRIATE METHOD)
	TEMPORARY STONE CHECK DAM
	STONE DITCH
	STABILIZED CONST. ENTRANCE
	SILT FENCE
	PROJECT DEMARCATION FENCING (LIMIT OF DISTURBANCE)
	FILTER CURTAIN

DATUM
 VERTICAL NGVD 1929
 HORIZONTAL N/A

SCALE IN FEET
 0 20 40

PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z86c027erosbdr.DGN	PLOT DATE: 3/1/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 136 OF 239

EROSION CONTROL LEGEND



STONE FILL, TYPE I (MOD. - CHECK DAM)
 35+50 RT (TEMPORARY)
 36+00 RT (TEMPORARY)

STONE FILL, TYPE I (MOD. - CONSTRUCTION ENTRANCE)
 10+90 RT (HIGHLAND AVE) (STABILIZED CONSTRUCTION ENTRANCE)
 5+75 RT (WORCESTER AVE) (STABILIZED CONSTRUCTION ENTRANCE)

STONE FILL, TYPE I (MOD. - INLET PROTECTION)
 PROP. CB @ 36+27.0 LT

SNOW FENCE (MOD. - PDF)
 35+00 LT (HARTFORD AVE) ~ 14+00 LT (HIGHLAND AVE)
 15+95 RT (SCHOOL DRIVEWAY) ~ 21+40 LT (HEBARD AVE) SCHOOL ENTRANCE
 1+65 ~ 2+43 RT (RELOCATED WORCESTER AVE)

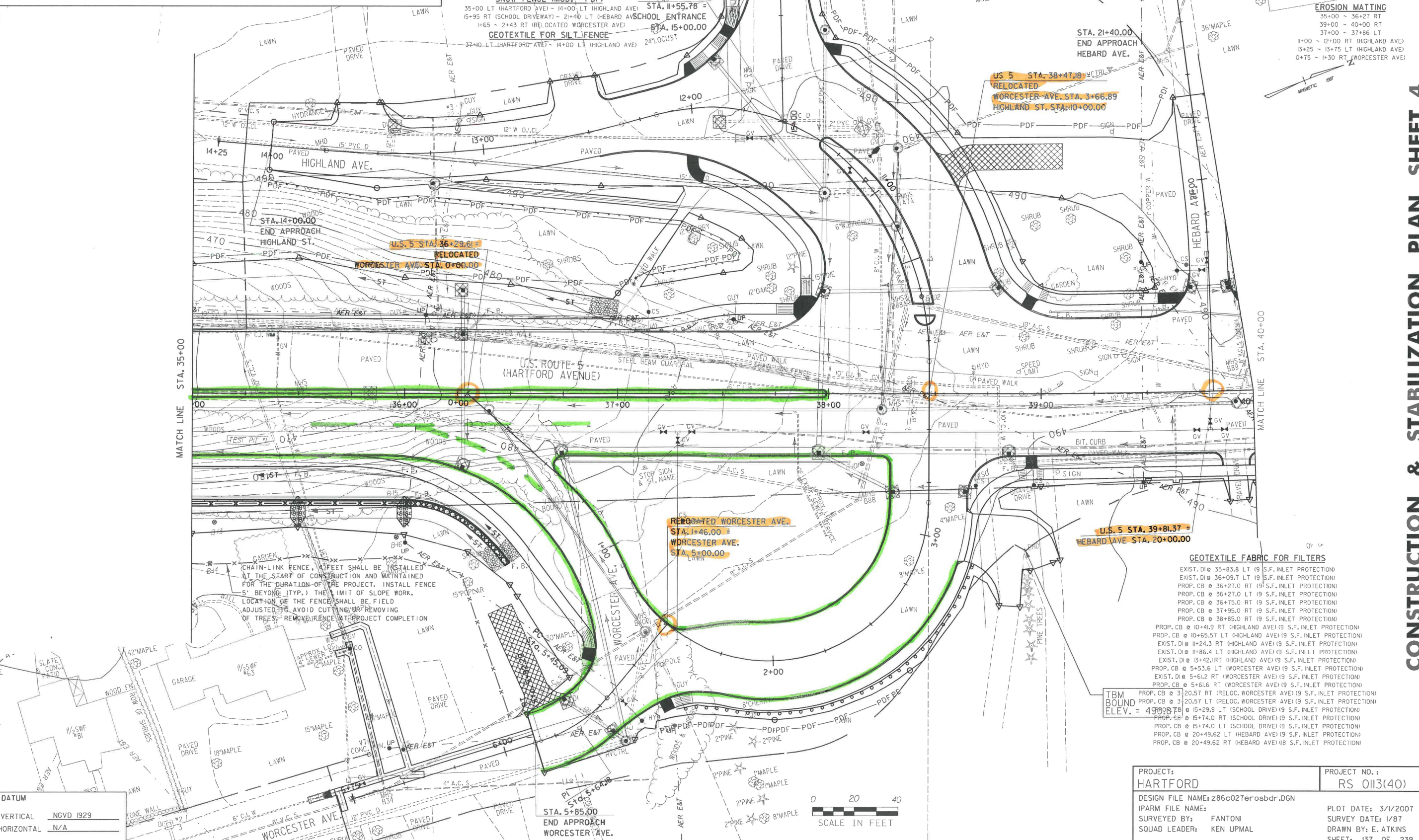
GEOTEXTILE FOR SILT FENCE
 37+40 LT (HARTFORD AVE) ~ 14+00 LT (HIGHLAND AVE) 24' LOCUST

SEED
 35+00 ~ 40+00 RT
 35+00 ~ 40+00 LT

SEED - WINTER RYE
 35+00 ~ 40+00 RT
 35+00 ~ 40+00 LT

HAY MULCH
 35+00 ~ 40+00 RT
 35+00 ~ 40+00 LT

EROSION MATTING
 35+00 ~ 36+27 RT
 39+00 ~ 40+00 RT
 37+00 ~ 37+86 LT
 11+00 ~ 12+00 RT (HIGHLAND AVE)
 13+25 ~ 13+75 LT (HIGHLAND AVE)
 0+75 ~ 1+30 RT (WORCESTER AVE)



MATCH LINE STA. 35+00

MATCH LINE STA. 40+00

GEOTEXTILE FABRIC FOR FILTERS

EXIST. DI @ 35+83.8 LT (S.F. INLET PROTECTION)
 EXIST. DI @ 36+09.7 LT (S.F. INLET PROTECTION)
 PROP. CB @ 36+27.0 RT (S.F. INLET PROTECTION)
 PROP. CB @ 36+27.0 LT (S.F. INLET PROTECTION)
 PROP. CB @ 36+75.0 RT (S.F. INLET PROTECTION)
 PROP. CB @ 37+95.0 RT (S.F. INLET PROTECTION)
 PROP. CB @ 38+85.0 RT (S.F. INLET PROTECTION)
 PROP. CB @ 10+41.9 RT (HIGHLAND AVE) (S.F. INLET PROTECTION)
 PROP. CB @ 10+65.5 LT (HIGHLAND AVE) (S.F. INLET PROTECTION)
 EXIST. DI @ 11+24.3 RT (HIGHLAND AVE) (S.F. INLET PROTECTION)
 EXIST. DI @ 11+86.4 LT (HIGHLAND AVE) (S.F. INLET PROTECTION)
 EXIST. DI @ 13+42.1 RT (HIGHLAND AVE) (S.F. INLET PROTECTION)
 PROP. CB @ 5+53.6 LT (WORCESTER AVE) (S.F. INLET PROTECTION)
 EXIST. DI @ 5+61.2 RT (WORCESTER AVE) (S.F. INLET PROTECTION)
 PROP. CB @ 5+61.6 RT (WORCESTER AVE) (S.F. INLET PROTECTION)
 PROP. CB @ 3+20.5 RT (RELOC. WORCESTER AVE) (S.F. INLET PROTECTION)
 PROP. CB @ 3+20.5 LT (RELOC. WORCESTER AVE) (S.F. INLET PROTECTION)
 PROP. CB @ 15+29.9 LT (SCHOOL DRIVE) (S.F. INLET PROTECTION)
 PROP. CB @ 15+74.0 RT (SCHOOL DRIVE) (S.F. INLET PROTECTION)
 PROP. CB @ 15+74.0 LT (SCHOOL DRIVE) (S.F. INLET PROTECTION)
 PROP. CB @ 20+49.62 LT (HEBARD AVE) (S.F. INLET PROTECTION)
 PROP. CB @ 20+49.62 RT (HEBARD AVE) (S.F. INLET PROTECTION)

TBM BOUND ELEV. = 490.37

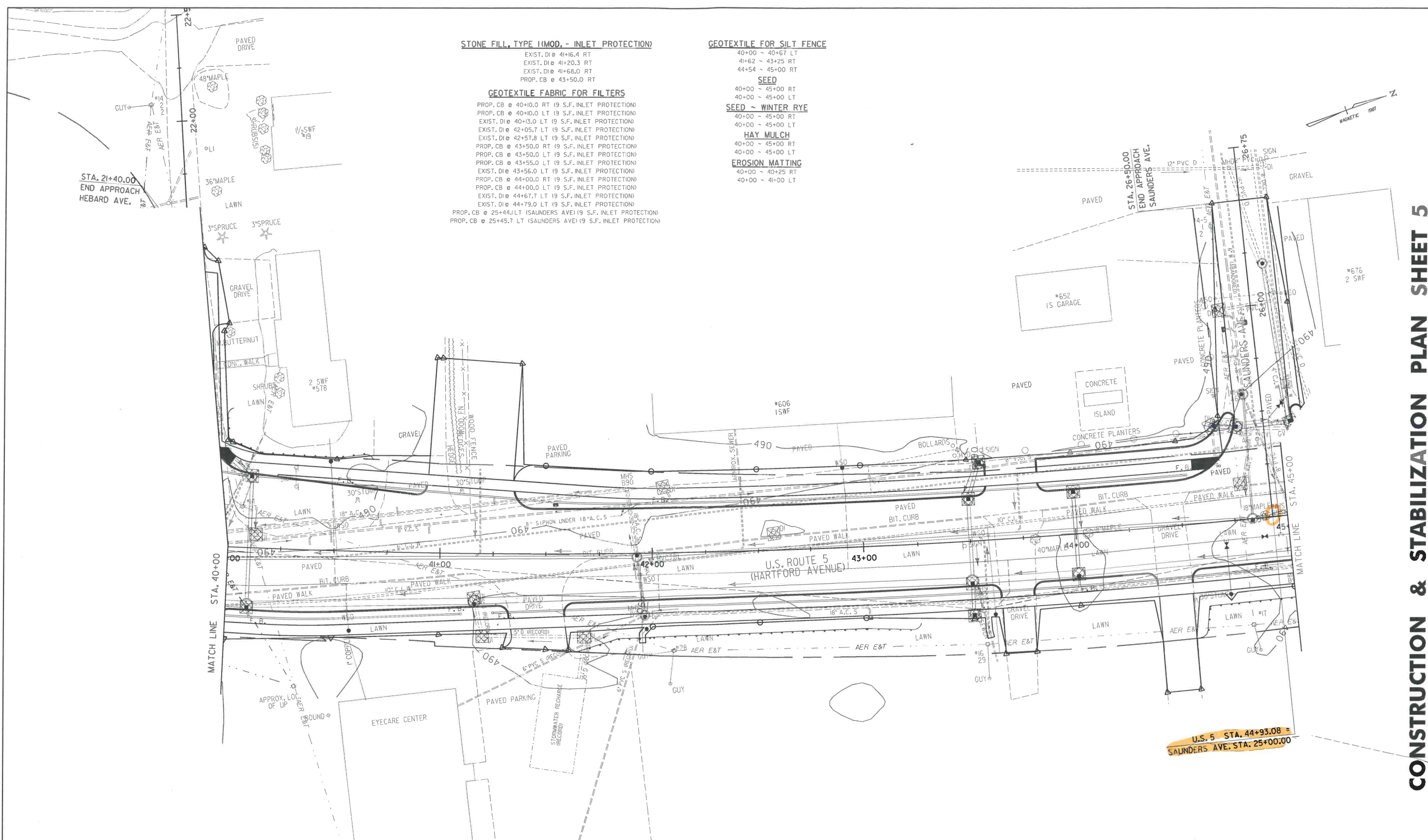
DATUM
 VERTICAL NGVD 1929
 HORIZONTAL N/A



PROJECT: HARTFORD
DESIGN FILE NAME: z86c02erosdr.DGN
IPARM FILE NAME:
SURVEYED BY: FANTONI
SQUAD LEADER: KEN UPMAL

PROJECT NO.: RS 0113(40)
PLOT DATE: 3/1/2007
SURVEY DATE: 1/87
DRAWN BY: E. ATKINS
SHEET: 137 OF 239

CONSTRUCTION & STABILIZATION PLAN SHEET 4



STONE FILL, TYPE I (MOD. - INLET PROTECTION)

EXIST. DI @ 41+16.4 RT
 EXIST. DI @ 41+20.3 RT
 EXIST. DI @ 41+68.0 RT
 PROP. CB @ 43+50.0 RT

GEOTEXTILE FABRIC FOR FILTERS

PROP. CB @ 40+10.0 RT (9 S.F. INLET PROTECTION)
 PROP. CB @ 40+10.0 LT (9 S.F. INLET PROTECTION)
 EXIST. DI @ 40+13.0 LT (9 S.F. INLET PROTECTION)
 EXIST. DI @ 42+05.7 LT (9 S.F. INLET PROTECTION)
 EXIST. DI @ 42+57.8 LT (9 S.F. INLET PROTECTION)
 PROP. CB @ 43+50.0 RT (9 S.F. INLET PROTECTION)
 PROP. CB @ 43+50.0 LT (9 S.F. INLET PROTECTION)
 PROP. CB @ 43+55.0 LT (9 S.F. INLET PROTECTION)
 EXIST. DI @ 43+56.0 LT (9 S.F. INLET PROTECTION)
 PROP. CB @ 44+00.0 RT (9 S.F. INLET PROTECTION)
 PROP. CB @ 44+00.0 LT (9 S.F. INLET PROTECTION)
 EXIST. DI @ 44+67.7 LT (9 S.F. INLET PROTECTION)
 EXIST. DI @ 44+79.0 LT (9 S.F. INLET PROTECTION)
 PROP. CB @ 25+44.1 LT (SAUNDERS AVE) (9 S.F. INLET PROTECTION)
 PROP. CB @ 25+45.7 LT (SAUNDERS AVE) (9 S.F. INLET PROTECTION)

GEOTEXTILE FOR SILT FENCE

40+00 ~ 40+67 LT
 41+62 ~ 43+25 RT
 44+54 ~ 45+00 RT

SEED

40+00 ~ 45+00 RT
 40+00 ~ 45+00 LT

SEED ~ WINTER RYE

40+00 ~ 45+00 RT
 40+00 ~ 45+00 LT

HAY MULCH

40+00 ~ 45+00 RT
 40+00 ~ 45+00 LT

EROSION MATTING

40+00 ~ 40+25 RT
 40+00 ~ 41+00 LT

EROSION CONTROL LEGEND	
	INLET PROTECTION (SEE DETAIL SHEETS FOR APPROPRIATE METHOD)
	TEMPORARY STONE CHECK DAM
	STONE DITCH
	STABILIZED CONST. ENTRANCE
	SILT FENCE
	PROJECT DEMARCATION FENCING (LIMIT OF DISTURBANCE)
	FILTER CURTAIN

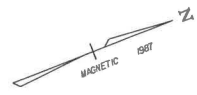
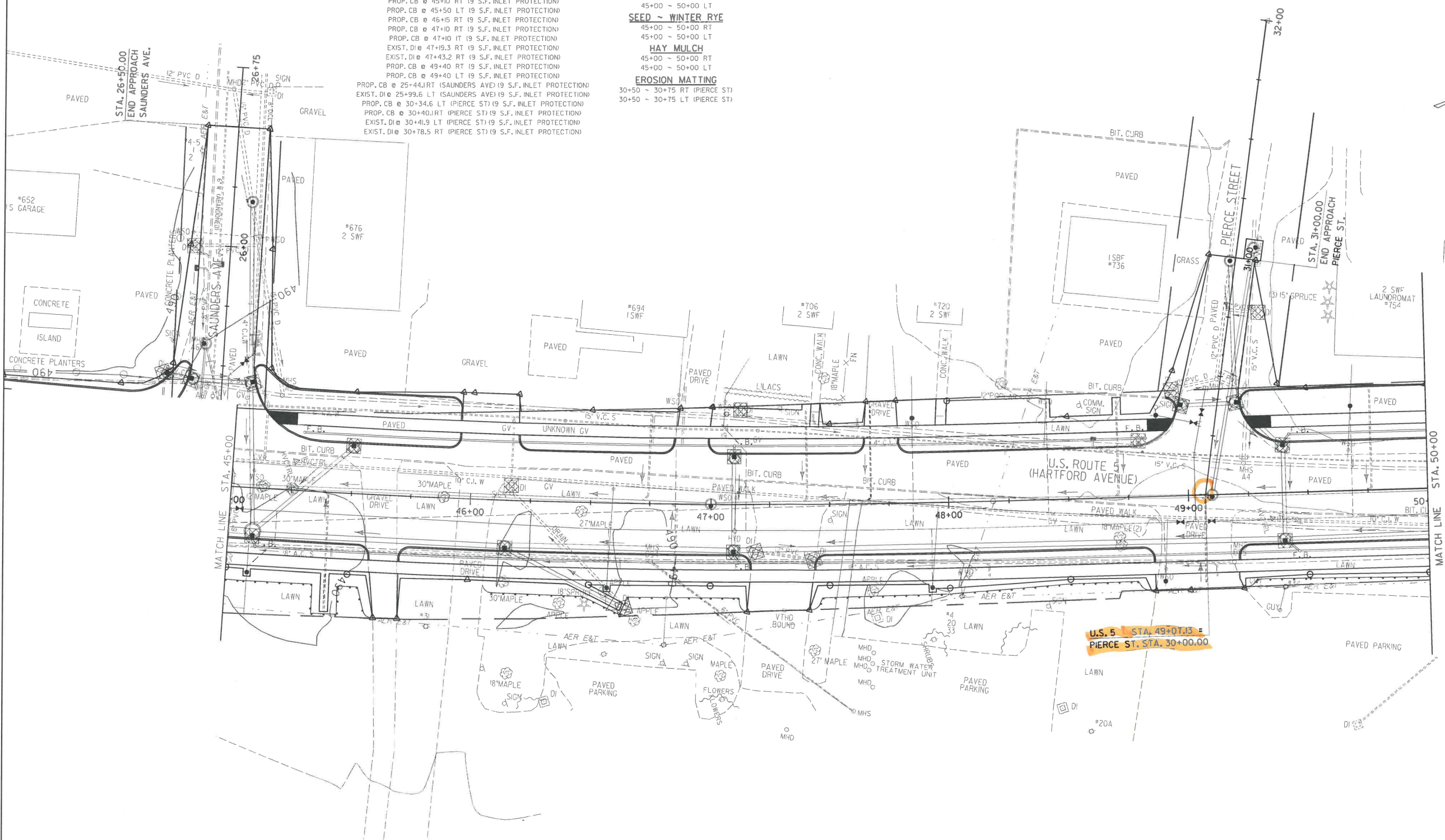
DATUM
 VERTICAL NGVD 1929
 HORIZONTAL N/A



PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z86c027erosbdr.DGN	PLOT DATE: 2/5/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 138 OF 239

U.S. 5 STA. 44+93.08 = SAUNDERS AVE. STA. 25+00.00

- STONE FILL, TYPE I (MOD. - INLET PROTECTION)**
 EXIST. DI @ 46+17.0 LT
 EXIST. DI @ 46+65.0 RT
 EXIST. DI @ 47+12.7 LT
 EXIST. DI @ 48+79.6 LT
- GEOTEXTILE FABRIC FOR FILTERS**
 PROP. CB @ 45+10 RT (9 S.F. INLET PROTECTION)
 PROP. CB @ 45+50 LT (9 S.F. INLET PROTECTION)
 PROP. CB @ 46+15 RT (9 S.F. INLET PROTECTION)
 PROP. CB @ 47+10 RT (9 S.F. INLET PROTECTION)
 PROP. CB @ 47+10 LT (9 S.F. INLET PROTECTION)
 EXIST. DI @ 47+19.3 RT (9 S.F. INLET PROTECTION)
 EXIST. DI @ 47+43.2 RT (9 S.F. INLET PROTECTION)
 PROP. CB @ 49+40 RT (9 S.F. INLET PROTECTION)
 PROP. CB @ 49+40 LT (9 S.F. INLET PROTECTION)
 PROP. CB @ 25+44.1 RT (SAUNDERS AVE) (9 S.F. INLET PROTECTION)
 EXIST. DI @ 25+99.6 LT (SAUNDERS AVE) (9 S.F. INLET PROTECTION)
 PROP. CB @ 30+34.6 LT (PIERCE ST) (9 S.F. INLET PROTECTION)
 PROP. CB @ 30+40.1 RT (PIERCE ST) (9 S.F. INLET PROTECTION)
 EXIST. DI @ 30+41.9 LT (PIERCE ST) (9 S.F. INLET PROTECTION)
 EXIST. DI @ 30+78.5 RT (PIERCE ST) (9 S.F. INLET PROTECTION)
- GEOTEXTILE FOR SILT FENCE**
 45+00 ~ 45+61 RT
 45+00 ~ 47+16 RT
 47+42 ~ 48+84 RT
 49+23 ~ 50+00 RT
- SEED**
 45+00 ~ 50+00 RT
 45+00 ~ 50+00 LT
- SEED - WINTER RYE**
 45+00 ~ 50+00 RT
 45+00 ~ 50+00 LT
- HAY MULCH**
 45+00 ~ 50+00 RT
 45+00 ~ 50+00 LT
- EROSION MATTING**
 30+50 ~ 30+75 RT (PIERCE ST)
 30+50 ~ 30+75 LT (PIERCE ST)



EROSION CONTROL LEGEND			
	INLET PROTECTION (SEE DETAIL SHEETS FOR APPROPRIATE METHOD)		STABILIZED CONST. ENTRANCE
	TEMPORARY STONE CHECK DAM		SILT FENCE
	STONE DITCH		PROJECT DEMARCATION FENCING (LIMIT OF DISTURBANCE)
			FILTER CURTAIN

DATUM
 VERTICAL NGVD 1929
 HORIZONTAL N/A



PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z86c02Terosbdr.DGN	PLOT DATE: 2/5/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 139 OF 239

STONE FILL, TYPE I (MOD. - INLET PROTECTION)

EXIST. DI @ 50+59.8 RT
EXIST. DI @ 54+74.8 LT

GEOTEXTILE FABRIC FOR FILTERS

PROP. CB @ 50+44.0 RT (9 S.F. INLET PROTECTION)
EXIST. DI @ 50+58.6 LT (9 S.F. INLET PROTECTION)
EXIST. DI @ 50+59.2 RT (9 S.F. INLET PROTECTION)
PROP. CB @ 52+11.4 LT (9 S.F. INLET PROTECTION)
EXIST. DI @ 52+43.2 LT (9 S.F. INLET PROTECTION)
EXIST. DI @ 52+43.8 RT (9 S.F. INLET PROTECTION)
PROP. CB @ 54+00.0 RT (9 S.F. INLET PROTECTION)
PROP. CB @ 54+00.0 LT (9 S.F. INLET PROTECTION)
EXIST. DI @ 54+83.2 RT (9 S.F. INLET PROTECTION)
PROP. CB @ 35+34.5 LT (GOUDREAU ST) (9 S.F. INLET PROTECTION)
PROP. CB @ 35+38.1 RT (GOUDREAU ST) (9 S.F. INLET PROTECTION)
PROP. CB @ 40+36.06 RT (DEVIN ST) (9 S.F. INLET PROTECTION)
PROP. CB @ 40+36.06 LT (DEVIN ST) (9 S.F. INLET PROTECTION)

GEOTEXTILE FOR SILT FENCE

50+00 ~ 51+25 RT
51+30 RT (HARTFORD AVE) ~ 36+00 RT (GOUDREAU ST)

SEED

50+18 ~ 50+65 LT
50+79 ~ 51+18 LT
51+33 ~ 51+55 LT

SEED

50+00 ~ 55+00 RT
50+00 ~ 55+00 LT

SEED ~ WINTER RYE

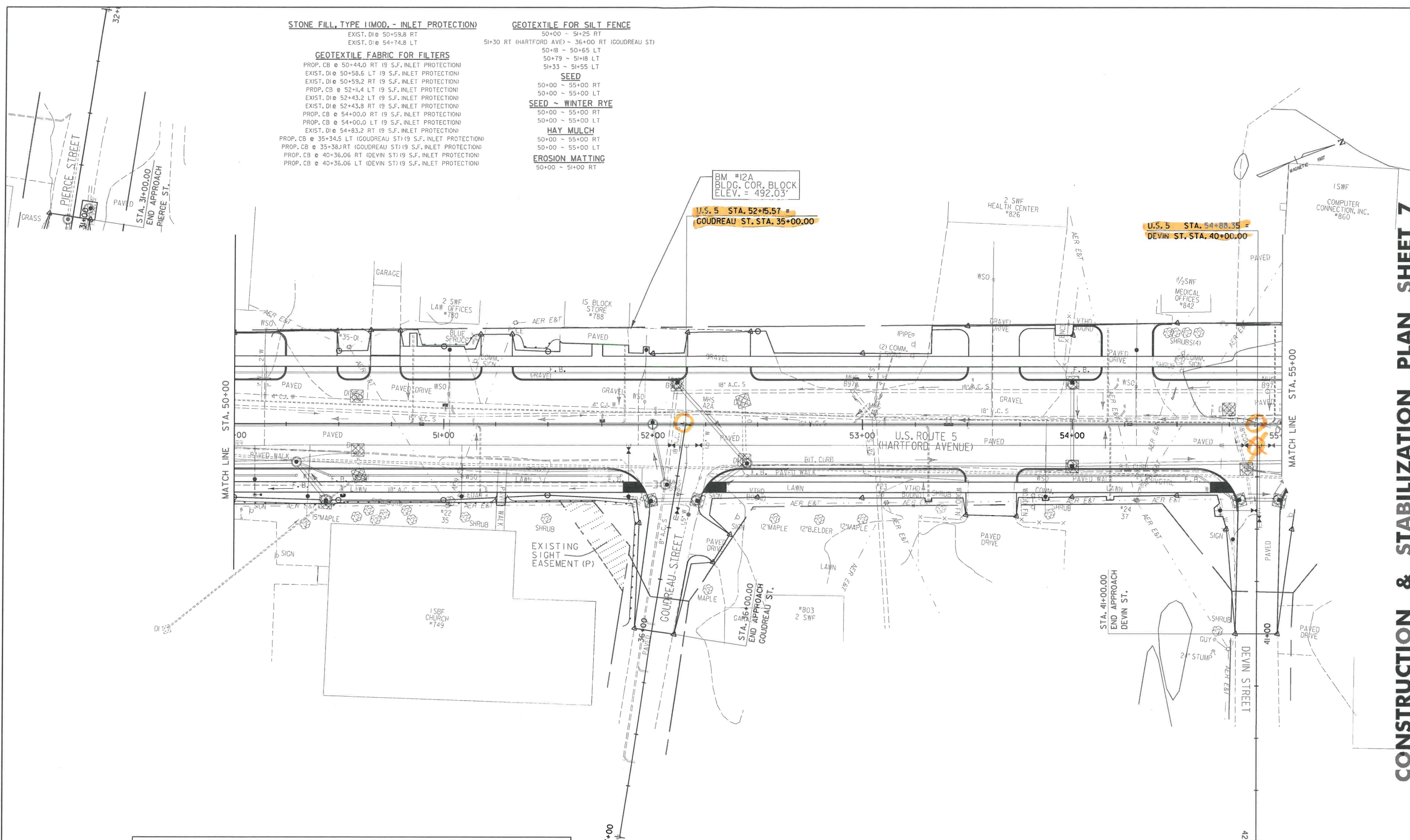
50+00 ~ 55+00 RT
50+00 ~ 55+00 LT

HAY MULCH

50+00 ~ 55+00 RT
50+00 ~ 55+00 LT

EROSION MATTING

50+00 ~ 51+00 RT



EROSION CONTROL LEGEND	
	INLET PROTECTION (SEE DETAIL SHEETS FOR APPROPRIATE METHOD)
	TEMPORARY STONE CHECK DAM
	STONE DITCH
	STABILIZED CONST. ENTRANCE
	SILT FENCE
	PROJECT DEMARCATION FENCING (LIMIT OF DISTURBANCE)
	FILTER CURTAIN

DATUM
VERTICAL NGVD 1929
HORIZONTAL N/A



PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z86c027erosbdr.DGN	PLOT DATE: 2/5/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 140 OF 239

SNOW FENCE (MOD.- PDF)
50+72 RT (HEWITT ST) ~ 60+00 LT (HARTFORD AVE)

GEOTEXTILE FABRIC FOR FILTERS
 PROP. CB @ 55+2.0 LT (9 S.F. INLET PROTECTION)
 PROP. CB @ 56+00.0 RT (9 S.F. INLET PROTECTION)
 PROP. CB @ 56+00.0 LT (9 S.F. INLET PROTECTION)
 EXIST. DI @ 56+59.0 LT (9 S.F. INLET PROTECTION)
 PROP. CB @ 56+77.66 RT (9 S.F. INLET PROTECTION)
 PROP. CB @ 56+77.66 LT (9 S.F. INLET PROTECTION)
 EXIST. DI @ 57+46.5 RT (9 S.F. INLET PROTECTION)
 EXIST. DI @ 57+47.1 RT (9 S.F. INLET PROTECTION)
 PROP. CB @ 58+39.9 RT (9 S.F. INLET PROTECTION)
 PROP. CB @ 58+40.0 RT (9 S.F. INLET PROTECTION)
 PROP. CB @ 58+65.0 LT (9 S.F. INLET PROTECTION)
 PROP. CB @ 45+34.83 RT (ADVENT LN) (9 S.F. INLET PROTECTION)
 PROP. CB @ 45+37.25 LT (ADVENT LN) (9 S.F. INLET PROTECTION)
 EXIST. DI @ 50+79.2 LT (HEWITT ST) (9 S.F. INLET PROTECTION)

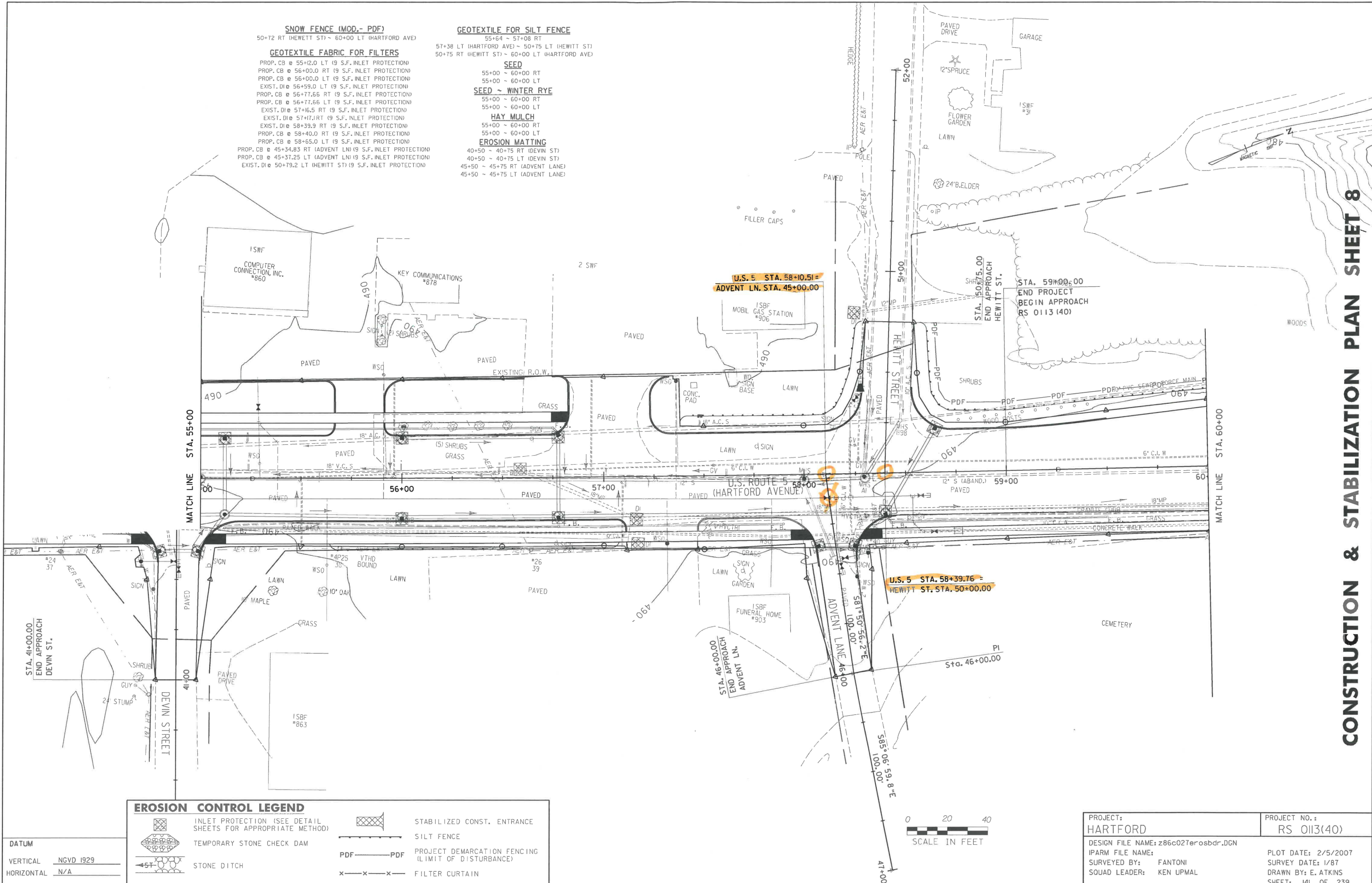
GEOTEXTILE FOR SILT FENCE
55+64 ~ 57+08 RT
57+38 LT (HARTFORD AVE) ~ 50+75 LT (HEWITT ST)
50+75 RT (HEWITT ST) ~ 60+00 LT (HARTFORD AVE)

SEED
55+00 ~ 60+00 RT
55+00 ~ 60+00 LT

SEED ~ WINTER RYE
55+00 ~ 60+00 RT
55+00 ~ 60+00 LT

HAY MULCH
55+00 ~ 60+00 RT
55+00 ~ 60+00 LT

EROSION MATTING
40+50 ~ 40+75 RT (DEVIN ST)
40+50 ~ 40+75 LT (DEVIN ST)
45+50 ~ 45+75 RT (ADVENT LANE)
45+50 ~ 45+75 LT (ADVENT LANE)



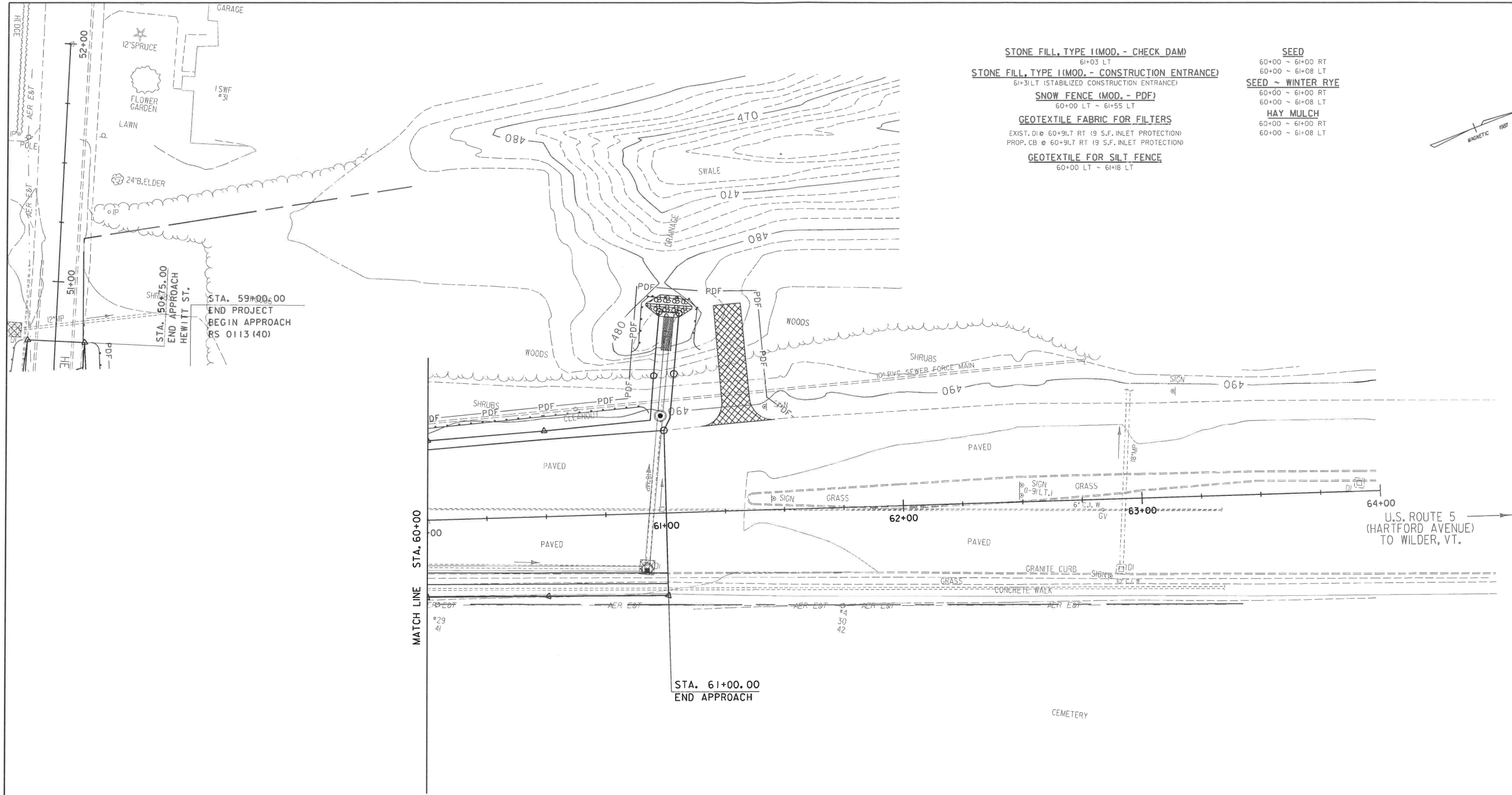
EROSION CONTROL LEGEND			
	INLET PROTECTION (SEE DETAIL SHEETS FOR APPROPRIATE METHOD)		STABILIZED CONST. ENTRANCE
	TEMPORARY STONE CHECK DAM		SILT FENCE
	STONE DITCH		PROJECT DEMARCATION FENCING (LIMIT OF DISTURBANCE)
			FILTER CURTAIN

DATUM
 VERTICAL NGVD 1929
 HORIZONTAL N/A



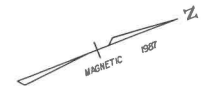
PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z86c027erosbdr.DGN	PLOT DATE: 2/5/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 141 OF 239

CONSTRUCTION & STABILIZATION PLAN SHEET 9



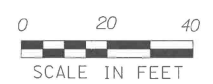
- STONE FILL, TYPE I (MOD. - CHECK DAM)
61+03 LT
- STONE FILL, TYPE I (MOD. - CONSTRUCTION ENTRANCE)
61+31 LT (STABILIZED CONSTRUCTION ENTRANCE)
- SNOW FENCE (MOD. - PDF)
60+00 LT ~ 61+55 LT
- GEOTEXTILE FABRIC FOR FILTERS
EXIST. DI @ 60+91.7 RT (9 S.F. INLET PROTECTION)
PROP. CB @ 60+91.7 RT (9 S.F. INLET PROTECTION)
- GEOTEXTILE FOR SILT FENCE
60+00 LT ~ 61+16 LT

- SEED
60+00 ~ 61+00 RT
60+00 ~ 61+08 LT
- SEED ~ WINTER RYE
60+00 ~ 61+00 RT
60+00 ~ 61+08 LT
- HAY MULCH
60+00 ~ 61+00 RT
60+00 ~ 61+08 LT



EROSION CONTROL LEGEND			
	INLET PROTECTION (SEE DETAIL SHEETS FOR APPROPRIATE METHOD)		STABILIZED CONST. ENTRANCE
	TEMPORARY STONE CHECK DAM		SILT FENCE
	STONE DITCH		PROJECT DEMARCATION FENCING (LIMIT OF DISTURBANCE)
			FILTER CURTAIN

DATUM
 VERTICAL NGVD 1929
 HORIZONTAL N/A



PROJECT: HARTFORD	PROJECT NO.: RS 0113(40)
DESIGN FILE NAME: z86c027erosbdr.DGN	PLOT DATE: 2/5/2007
IPARM FILE NAME:	SURVEY DATE: 1/87
SURVEYED BY: FANTONI	DRAWN BY: E. ATKINS
SQUAD LEADER: KEN UPMAL	SHEET: 142 OF 239

STA. 59+00.00
 END PROJECT
 BEGIN APPROACH
 RS 0113 (40)

MATCH LINE STA. 60+00

STA. 61+00.00
 END APPROACH

U.S. ROUTE 5
 (HARTFORD AVENUE)
 TO WILDER, VT.