

You are at the Survey and Right of Way Homepage

Welcome to the MaineDOT - Microsoft Internet Explorer

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Address <http://www.maine.gov/mdot/survey-data/photogrammetry-home.php> Go

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MAINE DOT
Maine Department of Transportation

Contact MaineDOT | Home

DOING BUSINESS MUNICIPAL INFO PROJECTS TRANSPORTATION PLANNING ENVIRONMENT NEWS & PUBLICATIONS JOBS

Contractor & Consultant Information
Construction Bid Packages
Locally Administered Projects
+ Vendors & Suppliers
Survey Data
Traffic Counts
CADD Support
Disadvantaged Business Enterprises
+ Utilities
+ Freight

Photogrammetry & Control Unit

Our Mission is to coordinate and provide photogrammetric mapping and geodetic control for the MaineDOT's preliminary engineering projects in a complete, accurate, and timely manner supporting the MaineDOT Biennial Transportation Improvement Program (BTIP).

Research:

- Maine Horizontal and Vertical Control Points web page **NEW!!!**
- **WARNING on the point descriptions:** The NAVD88 elevation is improperly rounding in the metric. Call 624-3518 for more precise information.
- Tutorial for Maine H&V Control webpage
- Research Links
- Associated programs and companies page
- For web page assistance, Email or call 624-3518

More about:

(P&CU) of Project Development, MaineDOT.

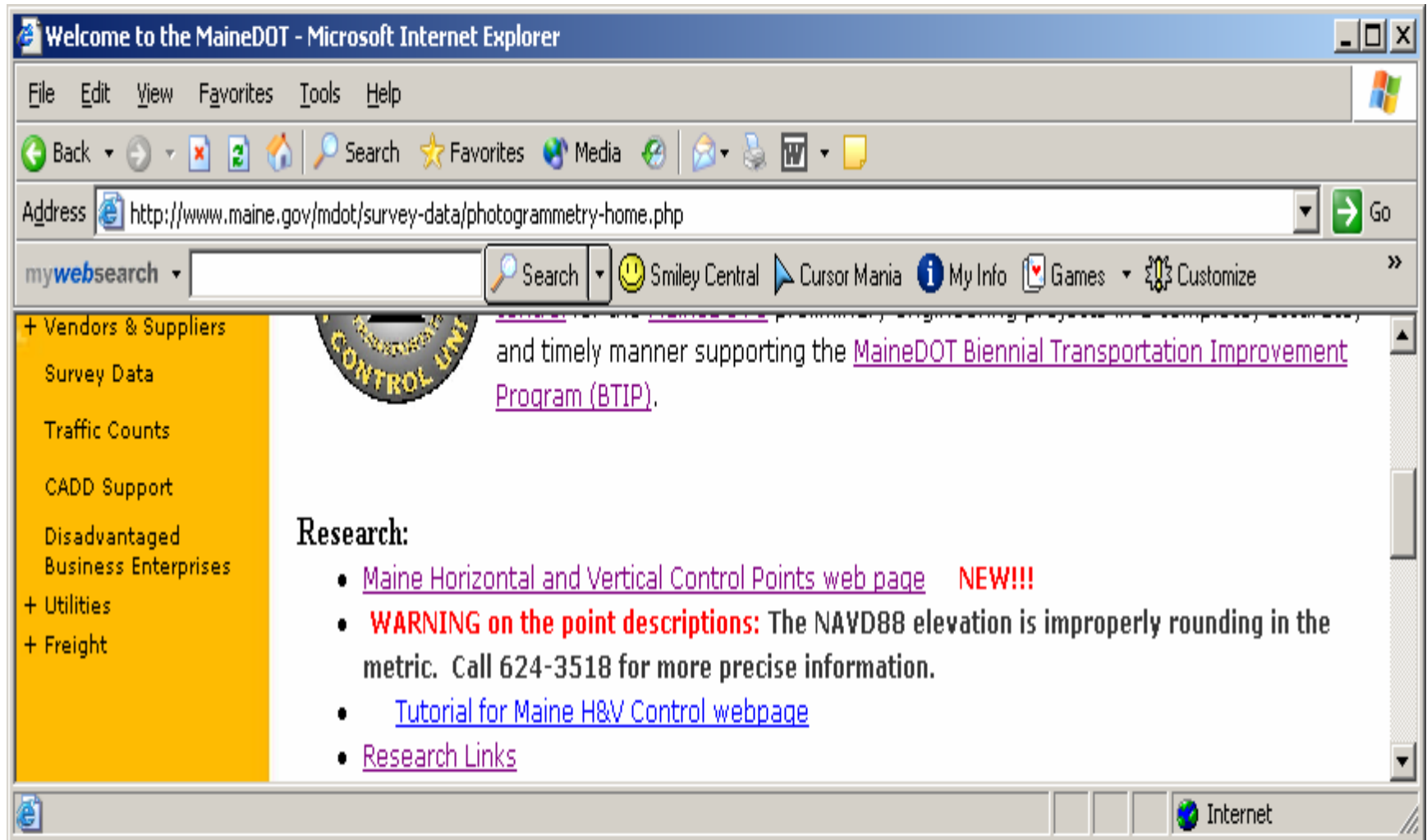
Contacts:

- Tim LeSiege - P&CU
- Bob Ronco - Bridge

Internet

Start | Inbox - Microsoft... | D:\P&CU\FOR Pre... | \\Dot0dta1asis0... | Microsoft PowerP... | Addiction Solitair... | Welcome to th... | Macromedia Cont... | 10:52 AM

Choose the “Maine Horizontal and Vertical Control Points web page” link



The screenshot shows a Microsoft Internet Explorer browser window titled "Welcome to the MaineDOT - Microsoft Internet Explorer". The address bar displays the URL: <http://www.maine.gov/mdot/survey-data/photogrammetry-home.php>. The browser interface includes a menu bar (File, Edit, View, Favorites, Tools, Help), a toolbar with navigation buttons (Back, Forward, Stop, Home, Search, Favorites, Media), and a search bar. The main content area features a yellow sidebar with a tree view containing the following items: + Vendors & Suppliers, Survey Data, Traffic Counts, CADD Support, Disadvantaged Business Enterprises, + Utilities, and + Freight. The main content area displays a circular logo for "RESERVED CONTROL LINE" and a paragraph of text: "and timely manner supporting the [MaineDOT Biennial Transportation Improvement Program \(BTIP\)](#)." Below this, a section titled "Research:" contains a bulleted list of links:

- [Maine Horizontal and Vertical Control Points web page](#) **NEW!!!**
- **WARNING on the point descriptions:** The NAVD88 elevation is improperly rounding in the metric. Call 624-3518 for more precise information.
- [Tutorial for Maine H&V Control webpage](#)
- [Research Links](#)

The Portal Page

Maine DOT Map Banner - Microsoft Internet Explorer

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Address <http://mainedot.maine.gov/survey/> Go Links >>

Maine.gov Loading State of Maine map... please wait... Statewide search Go

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MAINEDOT Survey Control Points Web Map Portal

Providing surveyors and the general public with accurate real-time information.

A brief explanation of the toolbar of the application herein, which looks like this:

Icon(s)	Task When Clicked
	These Map Controls are explained within the application by clicking this icon:
	Shows the County and Town dropdown lists and the Layers list.
	Displays an image of the Map Legend.
	Reveals a Help panel for the Map Tool Bar controls.
	Opens a new Window with the current map image -- to print.

DISCLAIMER: The Maine Department of Transportation provides the information derived from this application as a public resource. The map information herein is subject to revision and may be incomplete depending upon changing conditions. This map is not intended to support emergency dispatch. Road names used on this map may not match official road names. Therefore, reliance upon this information is at the user's own risk. Any errors or omissions should be reported to the Department of Transportation Information Systems Division's GIS section. In no event shall the State of Maine Department of Transportation be liable for injuries or damages resulting from the use of this information.

Survey Control Points Maps

(Best viewed at a screen resolution of 1024x768 or higher. Javascript must be enabled.)
© 2004 Maine Department of Transportation

Opening page <http://mainedot.maine.gov/survey/surveyv1.jsp?mapHeight=360&mapWidth=4> Internet

Maine DOT Map Banner - Microsoft Internet Explorer

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Address http://mainedot.maine.gov/survey/ Go Links

Maine.gov Loading State of Maine map... please wait. Statewide search Go


State Agencies | Web Policies | My Maine.gov | Email this page

MAINEDOT Survey Control Points

Port

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Survey Control Points Maps

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Opening page http://mainedot.maine.gov/survey/surveyv1.jsp?mapHeight=360&mapWidth=4: Internet

Or wait for it to automatically load

Click here to start

The Survey Control Points Web Page

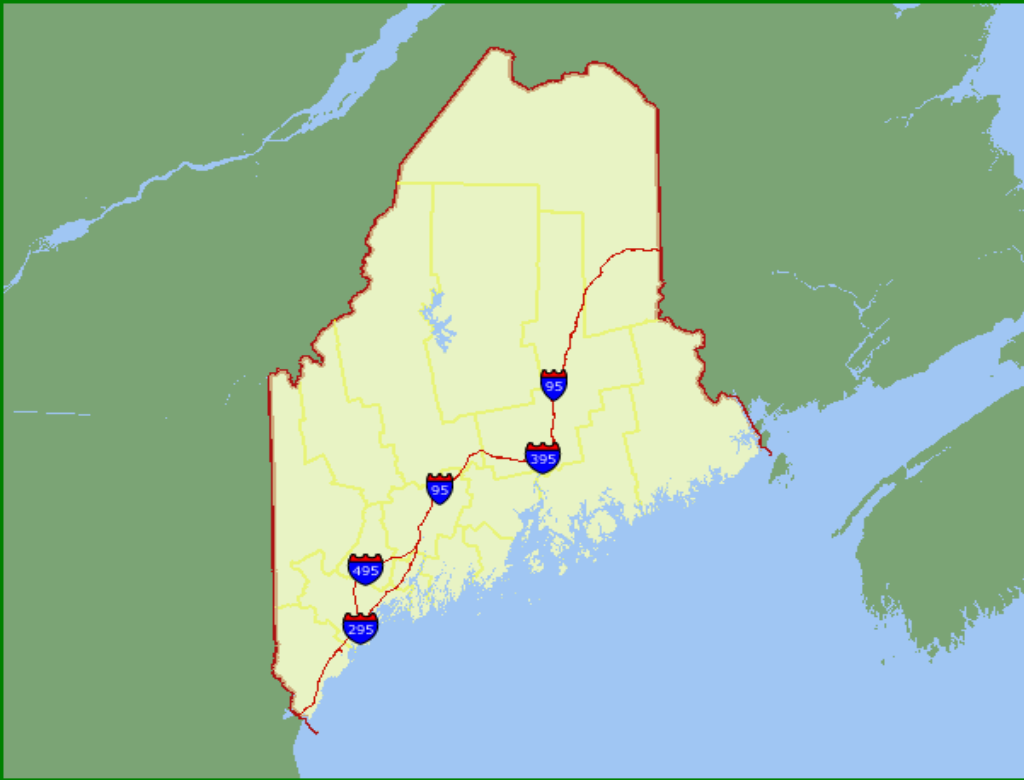
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Address <http://mainedot.maine.gov/survey/surveyv1.jsp?mapHeight=500&mapWidth=600> Go Links >>

web mapping **Survey Control Points**




Counties... **MAINEDOT**

Towns...

Map Layers	Control Points
<input type="checkbox"/> Private Roads	<input type="checkbox"/> NGS Horizontal
<input type="checkbox"/> Bridges	<input type="checkbox"/> NGS Vertical
<input type="checkbox"/> Railroads	<input type="checkbox"/> MaineDOT
<input type="checkbox"/> Rivers	<input type="checkbox"/> USGS
<input type="checkbox"/> Streams	<input type="checkbox"/> HARN Points
<input type="checkbox"/> Ponds	<input type="checkbox"/> All Points
<input type="checkbox"/> Hill Shade	
<input type="checkbox"/> Zones	

Refresh Map Reset

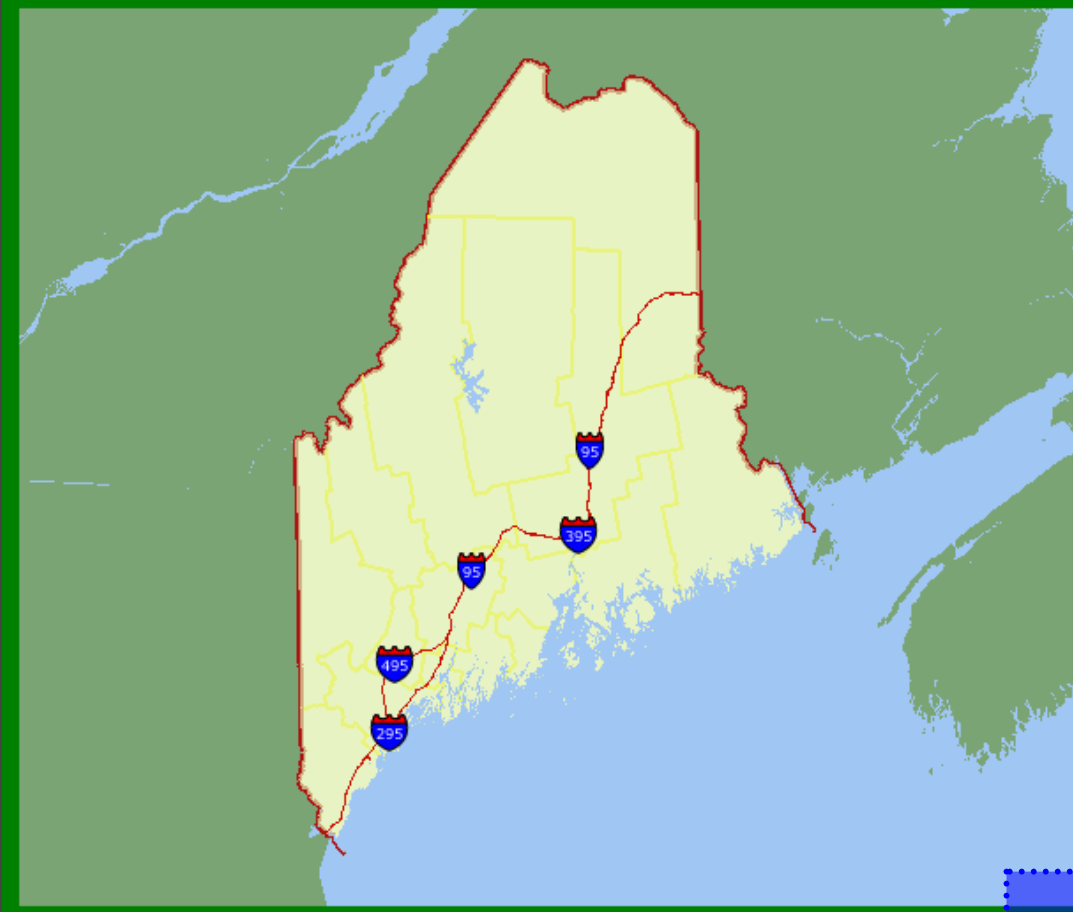


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Done Internet



Survey Control Points



Private
 Bridges
 Railroad
 Rivers
 Streams
 Ponds
 Hill Shade
 Zones

Control Points
 NGS Vertical
 USGS
 HARN Points

Refresh Map Reset



Use the magnifying glass icon to zoom into your location.

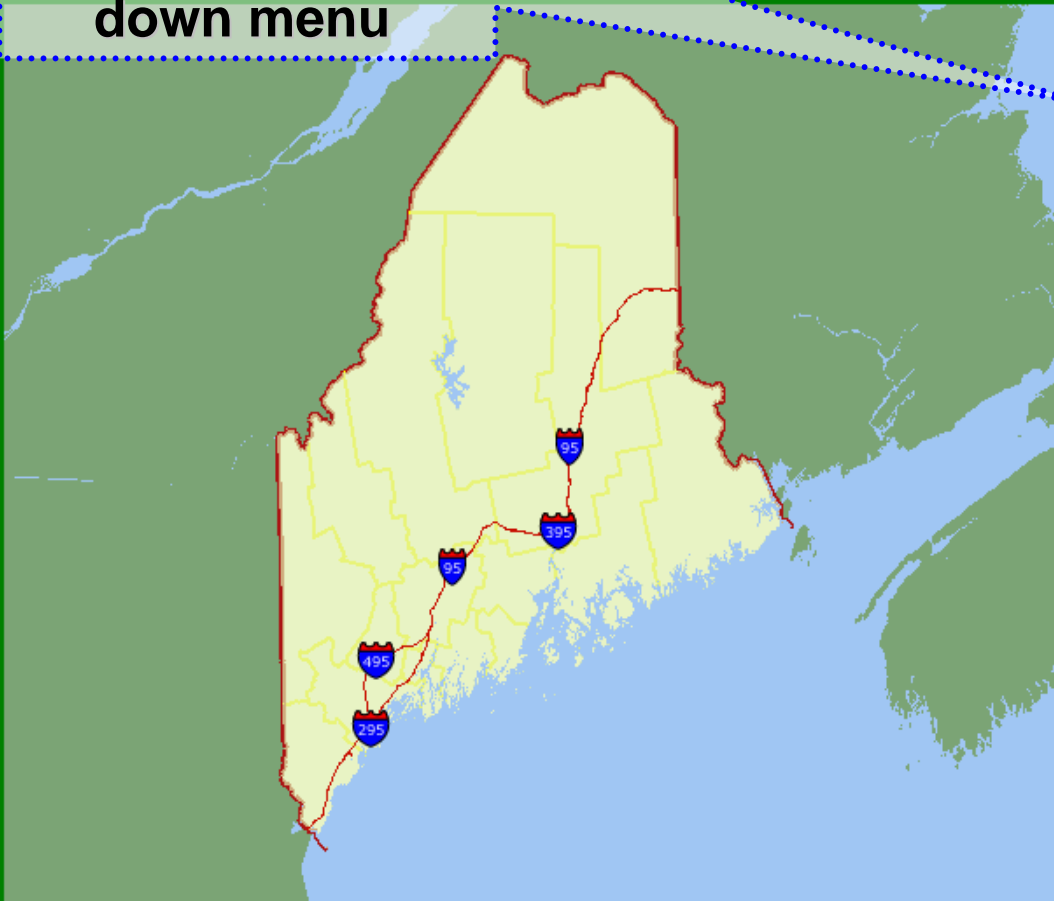
Maine Department of Transportation Maps - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://mainedot.maine.gov/survey/surveyv1.jsp?mapHeight=500&mapWidth=600

Or...Choose a County or a Town from the drop down menu

Survey Control Points




Counties... MAINEDOT

Augusta

Map Layers	Control Points
<input type="checkbox"/> Private Roads	<input type="checkbox"/> NGS Horizontal
<input type="checkbox"/> Bridges	<input type="checkbox"/> NGS Vertical
<input type="checkbox"/> Railroads	<input type="checkbox"/> MaineDOT
<input type="checkbox"/> Rivers	<input type="checkbox"/> USGS
<input type="checkbox"/> Streams	<input type="checkbox"/> HARN Points
<input type="checkbox"/> Ponds	<input type="checkbox"/> All Points
<input type="checkbox"/> Hill Shade	
<input type="checkbox"/> Zones	

Refresh Map Reset



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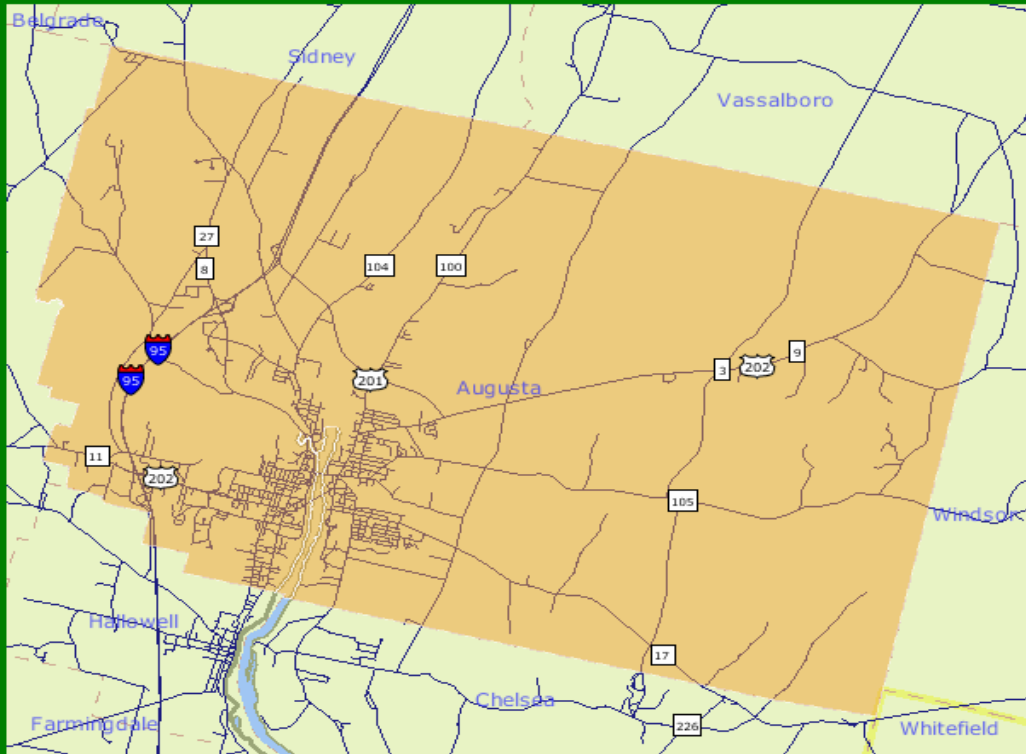
Done Internet

The map will automatically zoom into the County or Town chosen.

Maine Department of Transportation Maps - Microsoft Internet Explorer

Address: <http://mainedot.maine.gov/survey/surveyv1.jsp>

Survey Control Points




MAINEDOT

Counties...
Augusta

Map Layers	Control Points
<input type="checkbox"/> Private Roads	<input type="checkbox"/> NGS Horizontal
<input type="checkbox"/> Bridges	<input type="checkbox"/> NGS Vertical
<input type="checkbox"/> Railroads	<input type="checkbox"/> MaineDOT
<input type="checkbox"/> Rivers	<input type="checkbox"/> USGS
<input type="checkbox"/> Streams	<input type="checkbox"/> HARN Points
<input type="checkbox"/> Ponds	<input type="checkbox"/> All Points
<input type="checkbox"/> Hill Shade	
<input type="checkbox"/> Zones	

Refresh Map Reset



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Done Internet

Maine Department of Transportation Maps - Mic...







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Address <http://mainedot.maine.gov/surve> Go Links

MAP TOOLBAR CONTROLS

The two pulldown lists to the upper right of the map allow you to select the **County** or **Town** to zoom to.

 ZOOM IN	Click on this icon and then on the map to zoom in to a point or hold mouse button down and drag a box.
 ZOOM OUT	Click on this icon and then on the map to zoom in to a point or hold mouse button down and drag a box.
 PAN	Click this icon and then click & hold on the map, moving it to view a new, adjacent area.
 FULL EXTENT	Click this icon to reset the map to display to the entire State of Maine.
 SELECT POINTS	Click this icon and then click on the map and draw a box around the survey control points for which you want a report.
 PRINT	Click this icon to print the map.

Done Internet

The “Book” icon is for the Map Toolbar Controls legend.

Zoom in closer to your selected area.

Maine Department of Transportation Maps - Microsoft Internet Explorer

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web mapping

Survey Control Points

Counties... MAINE DOT

Aurora

Map Layers

- Private Roads
- Bridges
- Railroads
- Rivers
- Streams
- Ponds
- Hill Shade
- Zones

Control Points

- NGS Horizontal
- NGS Vertical
- MaineDOT
- USGS
- HARN Points
- All Points

Refresh Map Reset

PHOTOGRAMMETRY
MAINE DEPARTMENT
OF TRANSPORTATION
& CONTROL UNIT

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Done Internet

Maine Department of Transportation Maps - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://mainedot.maine.gov/survey/surveyv1.jsp> Go Links >>

Check the boxes of items you want displayed on the map.

Augusta

Hallowell

Counties... MAINE DOT

Aurora

Map Layers	Control Points
<input type="checkbox"/> Private Roads	<input type="checkbox"/> NGS Horizontal
<input type="checkbox"/> Bridges	<input type="checkbox"/> NGS Vertical
<input checked="" type="checkbox"/> Railroads	<input checked="" type="checkbox"/> MaineDOT
<input type="checkbox"/> Rivers	<input type="checkbox"/> USGS
<input type="checkbox"/> Streams	<input type="checkbox"/> HARN Points
<input type="checkbox"/> Ponds	<input type="checkbox"/> All Points
<input type="checkbox"/> Hill Shade	
<input type="checkbox"/> Zones	

Refresh Map Reset

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Internet

This example shows all the MaineDOT points and Railroad lines shown in the Augusta area.

Maine Department of Transportation Maps - Microsoft Internet Explorer

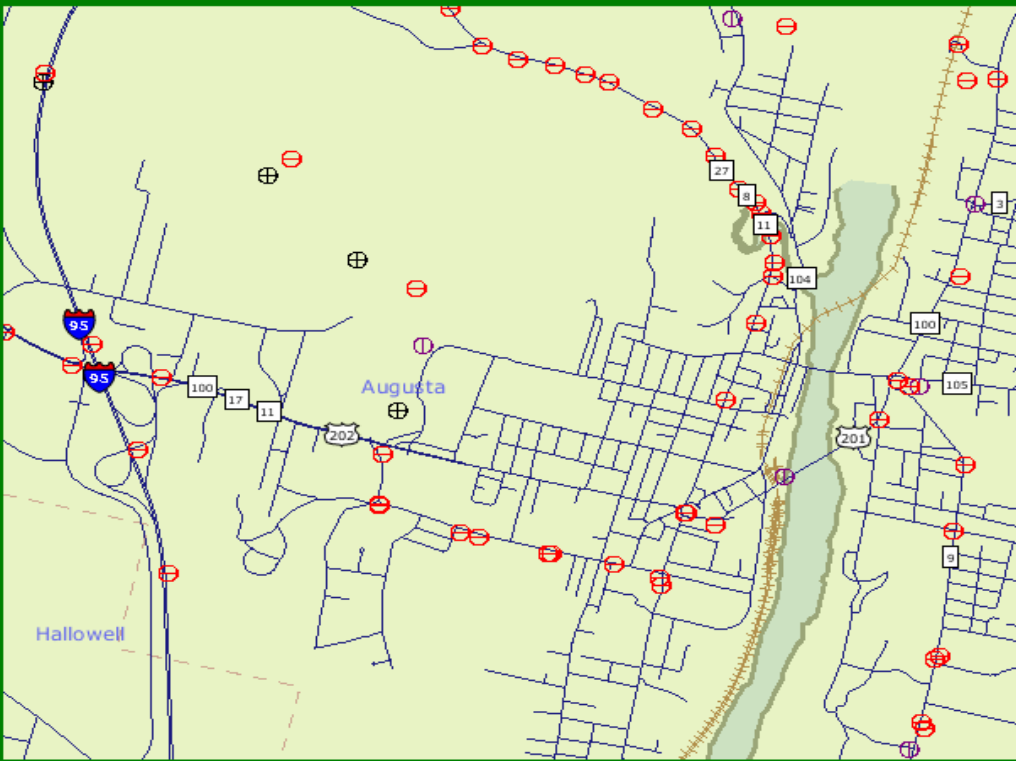
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Address <http://mainedot.maine.gov/survey/surveyv1.jsp> Go Links >>

web mapping

Survey Control Points




Counties... **MAINE DOT**

Augusta

Map Layers	Control Points
<input type="checkbox"/> Private Roads	<input type="checkbox"/> NGS Horizontal
<input type="checkbox"/> Bridges	<input type="checkbox"/> NGS Vertical
<input checked="" type="checkbox"/> Railroads	<input checked="" type="checkbox"/> MaineDOT
<input type="checkbox"/> Rivers	<input type="checkbox"/> USGS
<input type="checkbox"/> Streams	<input type="checkbox"/> HARN Points
<input type="checkbox"/> Ponds	<input type="checkbox"/> All Points
<input type="checkbox"/> Hill Shade	
<input type="checkbox"/> Zones	

Refresh Map Reset



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Done Internet

Map Legend

Use this icon to see the map legend.

Maine Department of Transportation Maps - Microsoft Internet ...

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DOT Control Points	■ Bridges
⊕ Horizontal and Vertical	⚡ Private Roads
⊖ Horizontal	⚡ Public Roads
⊕ Vertical	Major Routes
NGS Control Points	⚡ Interstate
Vertical	⚡ US Routes
□ First Order	⚡ State Routes
▣ Second Order	⚡ Railroads
▣ Third Order	Zones
Horizontal	⚡ Both Zones
▲ First Order	⚡ Old Zone
▲ Second Order	⚡ New Zone
▲ Third Order	Boundaries
◆ A Order GPS	⚡ County Lines
◆ B Order GPS	⚡ Town Lines
○ USGS Control Points	⚡ Maine Coast
Harn Control Points	⚡ State Line
⊕ Horizontal and Vertical	
⊖ Horizontal	
⊕ Vertical	

Error on page. Internet

Maine Department of Transportation Maps - Microsoft Internet Explorer

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Address http://mainedot.maine.gov/survey/surveyv1.jsp

web mapping

Survey Control Points

Choose the "Select Control Points in a Box" tool to place a box around the points in your work area.

Counties... **MAINE DOT**

Augusta

Map Layers	Control Points
<input type="checkbox"/> Private Roads	<input type="checkbox"/> NGS Horizontal
<input type="checkbox"/> Bridges	<input type="checkbox"/> NGS Vertical
<input checked="" type="checkbox"/> Railroads	<input checked="" type="checkbox"/> MAINE DOT
<input type="checkbox"/> Rivers	<input type="checkbox"/> USGS
<input type="checkbox"/> Streams	<input type="checkbox"/> HARN Points
<input type="checkbox"/> Ponds	<input type="checkbox"/> All Points
<input type="checkbox"/> Hill Shade	Station Information
<input type="checkbox"/> Zones	

Refresh Map Reset

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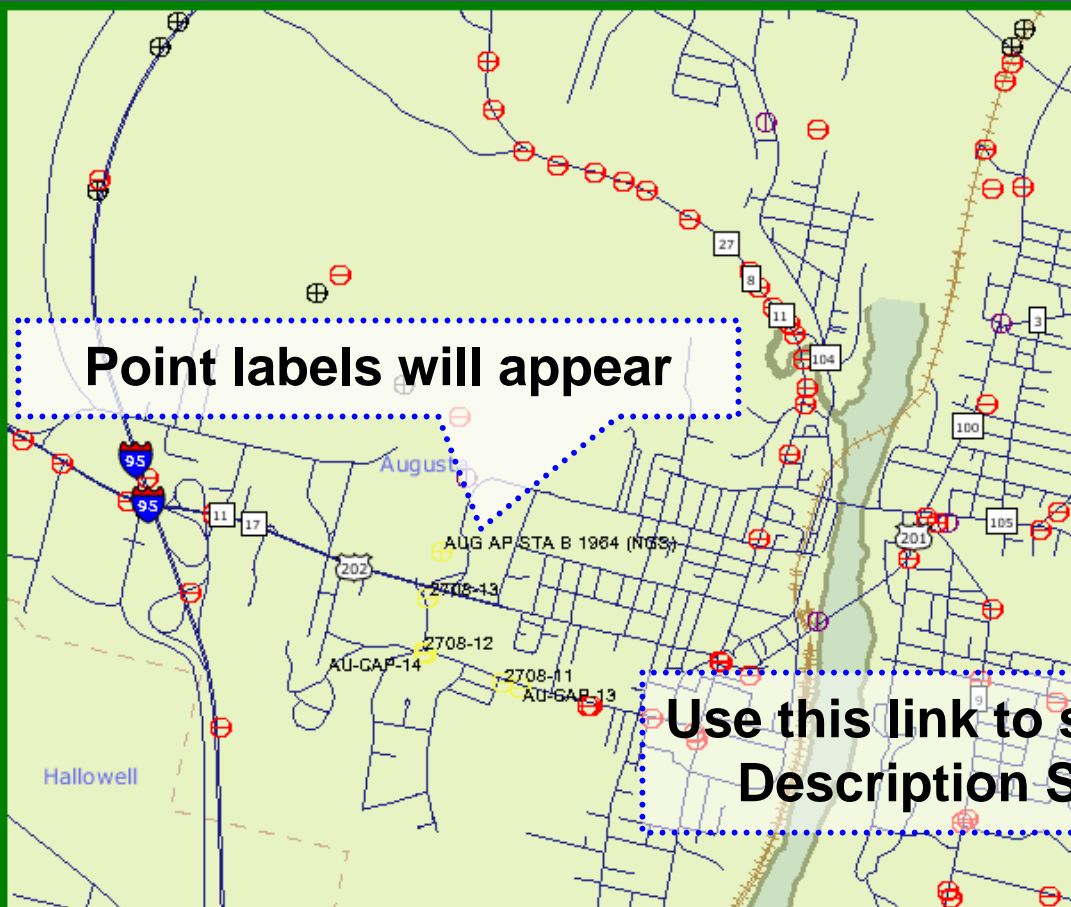
Disclaimer

Done Internet

Drag a box outline of the points you want.



Survey Control Points



Counties... **MAINEDOT**

Augusta








Map Layers	Control Points
<input type="checkbox"/> Private Roads	<input type="checkbox"/> NGS Horizontal
<input type="checkbox"/> Bridges	<input type="checkbox"/> NGS Vertical
<input checked="" type="checkbox"/> Railroads	<input checked="" type="checkbox"/> MaineDOT
<input type="checkbox"/> Rivers	<input type="checkbox"/> USGS
<input type="checkbox"/> Streams	<input type="checkbox"/> HARN Points
<input type="checkbox"/> Ponds	<input type="checkbox"/> All Points
<input type="checkbox"/> Hill Shade	Station Information
<input type="checkbox"/> Zones	

Refresh Map Reset

Check these boxes for descriptions to appear.

Then click on "Reports" for the PDF point description form to appear.

Survey Control Point Station Results - Micro...

Station	Town/City	Owner	Link
<input type="checkbox"/> AU-CAP-13	AUGUSTA	DOT	
<input type="checkbox"/> 2708-11	AUGUSTA	DOT	
<input checked="" type="checkbox"/> 2708-10	AUGUSTA	DOT	
<input checked="" type="checkbox"/> AU-CAP-14	AUGUSTA	DOT	
<input type="checkbox"/> 2708-12	AUGUSTA	DOT	 Click for PDF
<input type="checkbox"/> 2708-13	AUGUSTA	DOT	
<input checked="" type="checkbox"/> AUG AP STA B 1964 (NGS)	AUGUSTA	DOT	

Reports
(Create PDF reports for stations selected.)
(~Maximum of 8 reports per request~)

Or....

Click one of these icons to directly retrieve a description in PDF format.

At this point, you can print the full page of the Description sheet.
The Three-Zone and NAVD 88 information is at the top;
The Two-zone and NGVD 29 is at the bottom.

http://mainedot.maine.gov/reports/rwservlet?cmdkey=controlpoints&P_WHERE='2517' - Microsoft Internet Explorer

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Address http://mainedot.maine.gov/reports/rwservlet?cmdkey=controlpoints&P_WHERE='2517' Go Links

Photogrammetry & Control Unit
(207)624-3493

Maine Department of Transportation
Control Point Description

NAD 83 DATUM -- METRIC

16 State House Station
Augusta, ME 04333-0016

AU-CAP-14

ME2000 Zone **W** Adjustment **NAD83(1996)** Type **H**

NORTH-2000 **164305.800** EAST-2000 **346178.074** City **AUGUSTA** County **KEN**

IMP NORTH-2000 **539059.945** IMPEAST-2000 **1135752.564** GPS **N**

NAVD88 ELEV IMP ELEV Order

Described By **HEN** Date Set **13-NOV-87** Project **001636.00**

R=RTK
Y=MDOT(GPS)
F=FEDERAL BASENET
N=CLASSICAL TRAVERSE
C=COOPERATIVE BASENET







Description

STATION NAME: AU-CAP-14 Located at the jct. of Capitol St., Capitol St. extension, and Parkwood Dr., and the entrance to the Me. Job Service, about 1.29 km (0.8 mi) West of the jct. of Capitol St. and State St. (U.S. Rte. 201 and State 27) The station mark is a PK nail in pavement along the Southerly side of Capitol St. It is: 5.2 m (16.9 ft) Northwest of pole #43/43 3.4 m (11.1 ft) East-Southeast of the center of a sewer manhole 9.4 m (30.8 ft) North of guy eye in grass island ELEV. IS BY TRIG (3820). Its source is AP-STA-B and NGS-22.

1 of 1 8.5 x 11 in

Done Internet

Click directly on the station's hyperlink to retrieve just the description of the point location.

Station	Town/City	Owner	Link
<input type="checkbox"/> AU-CAP-13	AUGUSTA	DOT	
<input type="checkbox"/> 2708-11	AUGUSTA	DOT	
<input checked="" type="checkbox"/> AU-CAP-14	AUGUSTA	DOT	
<input type="checkbox"/> 2708-12	AUGUSTA	DOT	
<input type="checkbox"/> 2708-13	AUGUSTA	DOT	
<input type="checkbox"/> AUG AP STA B 1964 (NGS)	AUGUSTA	DOT	

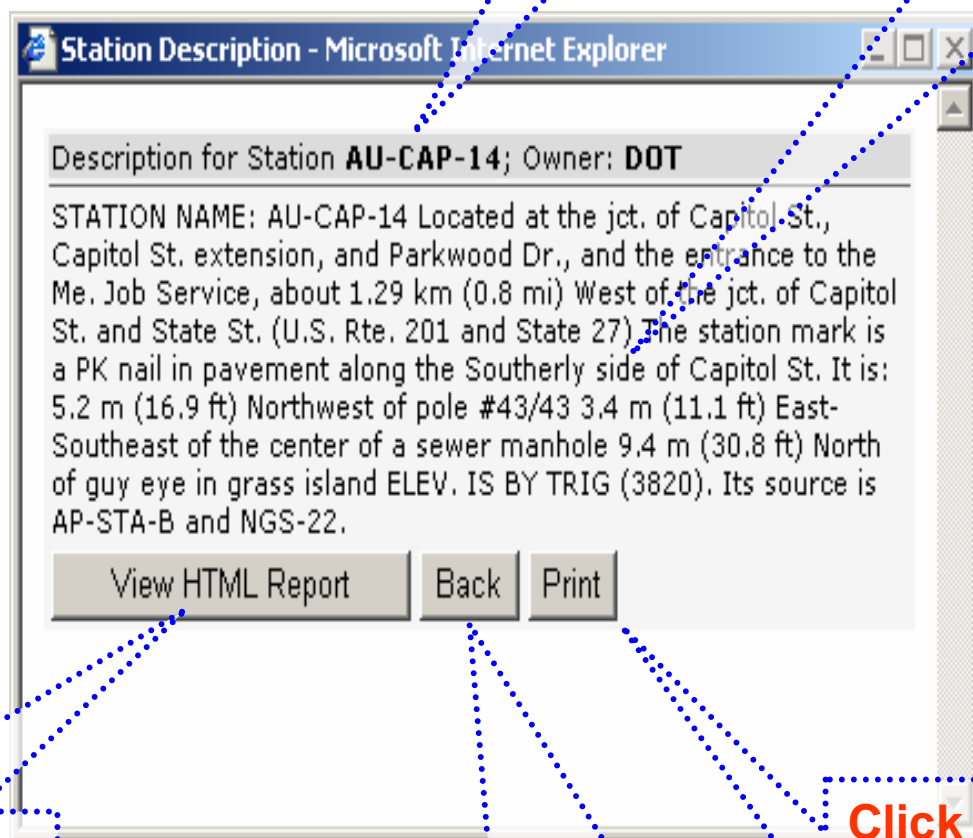
Reports

(Create PDF reports for stations selected.)
(~Maximum of 8 reports per request~)

This window will appear....

Point name

Point location description

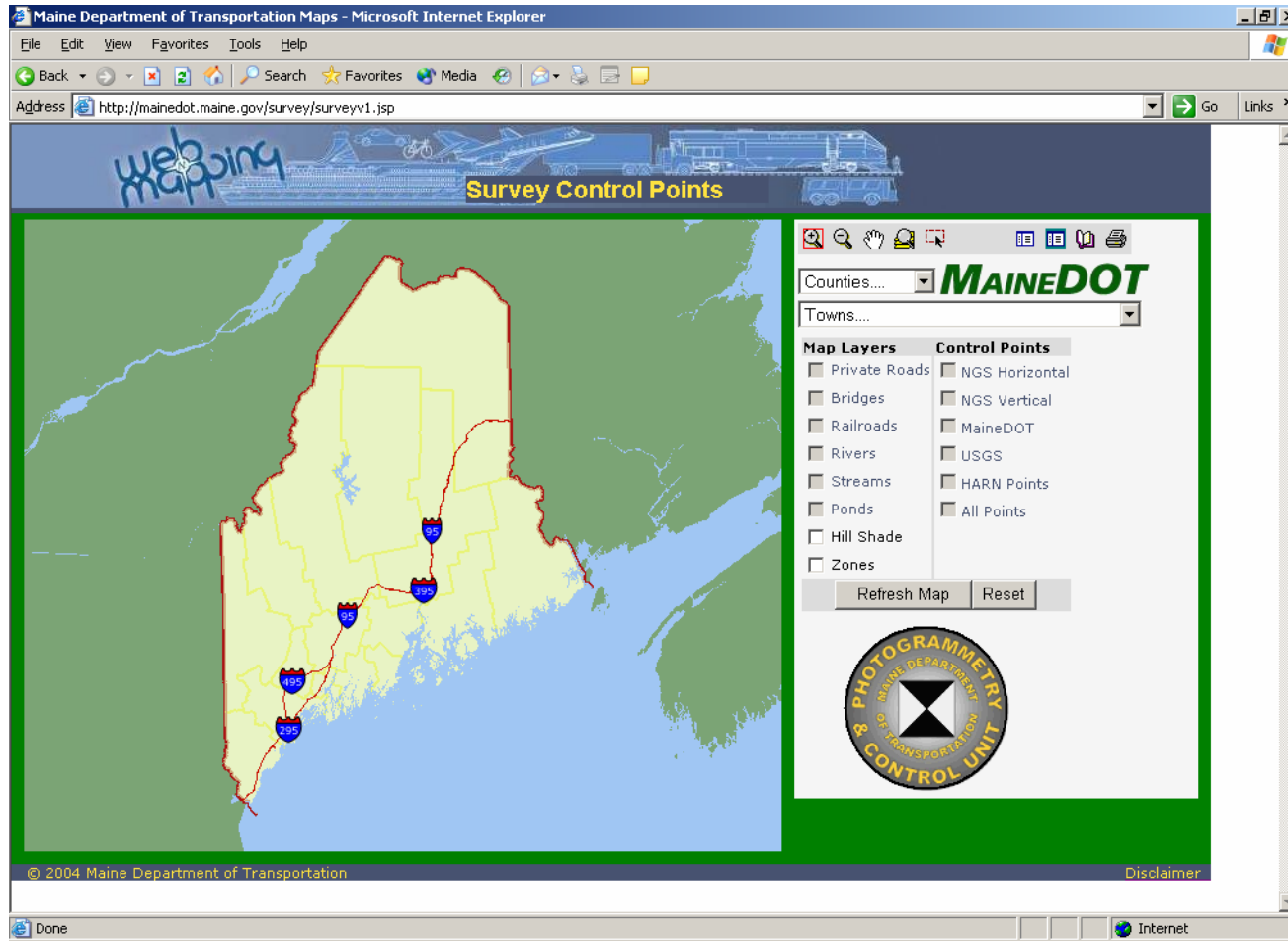


Click here to view the point report in HTML format.

Click here to return to the main selection list.

Click here to print just the displayed point description.

Any questions?



For more information or assistance, contact MaineDOT at 624-3518 or 624-3493.