

## Narrative for the Perambulation of the Enfield-Grantham Town Boundary 2012

**BOUN 1:** The Grantham team of Richard Hocker and David Wood and the Enfield representative, Kurt Gotthardt, met at 13:00 hours on 23 May, 2012 at the Springfield-Enfield town line on Bog Road and drove to Frog Pond Lane off Whitetail Ridge Rd in Eastman. Parking at the gate to Frog Pond Lane, we followed the lane around Frog Pond to the gate of the Hastings gravel quarry (see picture of right post). To locate Boundary Marker #1, proceed approximately 50 yards beyond the gate and turn to a heading  $120^{\circ}$  MN for approximately 50 yards down an open vehicle path and into the woods (see picture). The marker is an engraved 4"x4" pine post identified as BOUN 1 in the table and is located in a fencerow near a 2-foot diameter White Pine. The post was estimated to be located at  $43^{\circ} 31' 43.2''$  N/ $72^{\circ} 5' 27.6''$  W. During the subsequent perambulation of the Grantham/Springfield line, the same marker was revisited and its location estimated to be  $43^{\circ} 31' 42.6''$  N/ $72^{\circ} 5' 28.8''$  W. The mean coordinates have been recorded in the table. GranitView (<http://granitview.unh.edu/>) shows the location of the county boundary corner to be  $43^{\circ} 31' 43.9''$  N/ $72^{\circ} 5' 27.3''$  W. The marker was photographed (see picture below).



From Boundary Marker #1, we followed the boundary line on a bearing of  $294^{\circ}$  True North ( $309.7^{\circ}$  MN). After leaving the gravel quarry, the boundary line crosses a wetland and begins to climb a slope. At that point the boundary lies to the north of a prominent stone wall that appears to mark the boundary of the Eastman community. The boundary line eventually crosses the wall and remains to the south of the wall until crossing Catamount Drive 0.69 miles from Boundary Marker #1 at a point we estimated to be just south of the driveway of #10 Catamount Drive. A red ribbon was placed on a tree on the east side of Catamount Dr at a GPS location of  $43^{\circ} 31' 57.9''$  N/ $72^{\circ} 6' 12.4''$  W. Granit shows the location of the line on the east side of Catamount to be  $43^{\circ} 31' 58.7''$  N/ $72^{\circ} 6' 12.4''$  W.

The boundary line then continues to the north of #10 Catamount Lane, through a portion of woods, across an open area to the north of the home at #42 Bright Slope Way and finally crosses Road Round the Lake at a point we estimated to be  $43^{\circ} 32' 6.2''$  N/ $72^{\circ} 6' 33.7''$  W. The crossing was indicated

by a red ribbon on the east side of the road. The comparable coordinate estimated from Granit is  $43^{\circ} 32' 5.7''$  N /  $72^{\circ} 6' 34.0''$  W.

The boundary line next crosses Loon Drive just to the south of #21. A red ribbon was placed on the east side of the road at a point estimated to be  $43^{\circ} 32' 7.4''$  N /  $72^{\circ} 6' 39.0''$  W. The comparable point estimated from Granit is  $43^{\circ} 32' 7.3''$  N /  $72^{\circ} 6' 39.0''$  W.

Finally, the boundary line crosses Cherry Lane north of the home at #11 Cherry Lane. We presumed that the crossing was at the boundary marker on the northeastern corner of the property measured as  $43^{\circ} 32' 9.5''$  N /  $72^{\circ} 6' 44.5''$  W. From Granit the location was estimated to be  $43^{\circ} 32' 9.0''$  N /  $72^{\circ} 6' 44.2''$  W.

We continued along the boundary line until it crossed the trail around Eastman Lake at a point we marked with a red ribbon and estimated to be  $43^{\circ} 32' 11.3''$  N /  $72^{\circ} 6' 50.8''$  W. We then continued along the trail around the lake until we estimated that we were near the boundary line on the northwest of the lake.

**BOUN 2:** We located Boundary Marker #2 behind a large rock on the west side of Shore Drive to the north of the driveway for #16 Shore Drive (see picture). The marker is an engraved 4"x4" pine post identified as BOUN 2 on the spreadsheet. We estimated the location of the marker to be  $43^{\circ} 32' 18.1''$  N /  $72^{\circ} 7' 12.8''$  W, matching the location observed during the perambulation of 2005. GranitView locates the boundary on the east side of Shore Drive at  $43^{\circ} 32' 17.9''$  N /  $72^{\circ} 7' 12.6''$  W.



**BOUN 3:** On Sept 10, Gotthardt, Hocker and Wood joined by Renee Gustafson continued the perambulation from Shore Drive to boundary marker #3 on a bearing  $34^{\circ}$  TN with declination correction ( $48^{\circ}$  MN). We crossed onto the south side of Road Round the Lake at a GPS reading of  $43^{\circ} 32' 25''$  N /  $72^{\circ} 7' 6.7''$  W and shortly ran into a stone wall that roughly followed the boundary to  $43^{\circ} 32' 47.4''$  N /  $72^{\circ} 6' 46.2''$  W where we found the corner marker of the Fish and Wildlife Management Area. Fish and Wildlife had cleared and blazed a trail along the Enfield/Grantham boundary from there to Boundary marker #3 that we located at  $43^{\circ} 33' 12.2''$  N /  $72^{\circ} 6' 24.0''$  W. GranitView maps the location of the boundary marker at  $43^{\circ} 33' 12.5''$  N /  $72^{\circ} 6' 23.1''$  W. We added a rock to the boundary and repainted it.



**Old Rt 10:** On Sept 11, 2012, Gotthardt, Gustafson and Wood met again at the service road extension of Old Route 10 northwest of Exit 14 of I-89. A marker, a short cement post with a red ribbon, on the east side of the extension was identified at  $43^{\circ} 34' 5.3''$  N /  $72^{\circ} 9' 8.9''$ W. GranitView shows the boundary line crossing on the east side of the Old Rt 10 extension at an acute angle making it difficult to accurately estimate the coordinates from the Granit map; nevertheless, a best guess would be  $43^{\circ} 34' 5.5''$  N /  $72^{\circ} 9' 9.0''$ W. Two pins were also found embedded in the road bed at  $43^{\circ} 34' 5.0''$  N /  $72^{\circ} 9' 8.8''$ W. These were circled in orange paint.



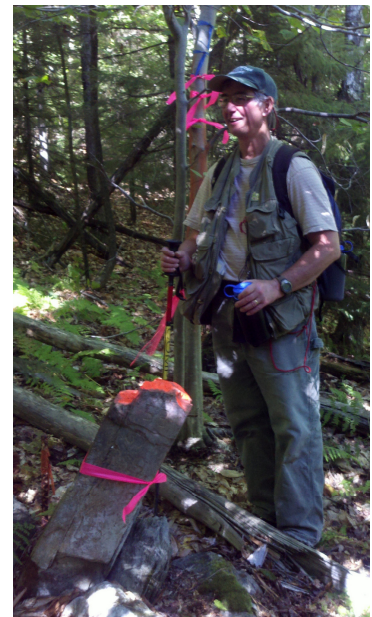
Old Rt 10 Marker



Old Rt 10 Pins



**BOUN 4:** We then proceeded up the gated side road running northeast from Old Rt 10 until we reached the pond at the Northwest Corner. Taking a compass reading of  $295^{\circ}$  TN ( $310^{\circ}$  MN-uncorrected for declination) from the trail head at the pond, we found Boundary marker #4 and estimated its coordinates to be  $43^{\circ} 34' 24.6''$  N /  $72^{\circ} 10' 10.9''$ W. This was the only boundary marker along the Enfield/Grantham line that appears to differ significantly from the boundary position shown on GranitView ( $43^{\circ} 34' 26.3''$  N /  $72^{\circ} 10' 16.3''$ W ). The observed location lies approximately 131 feet to the southeast of the location shown in GranitView (see attached map where the yellow dots indicated the observed locations). The boundary marker has been etched, but the lettering is now difficult to read. We repainted the marker and flagged several trees around it.



### GPS Location of Boundary Markers


Boun	<u>2005 Perambulation</u>		<u>2012 Perambulation</u>		Proximity
	Latitude	Longitude	Latitude	Longitude	
1	43°31'43"	72°05'28"	43°31'42.9" 43.528583°	72°05'28.2" 72.091167°	Frog Pond
2	43°32'18"	72°07'13"	43°32'18.1" 43.538350°	72°07'12.8" 72.120222°	Shore Road
3	43°33'11"	72°06'26"	43°33'12.4" 43.553444°	72°06'24.4" 72.106778°	Cole Pond
Rt 10 Monument	NA	NA	43°34'05.3" 43.568139°	72°09'08.9" 72.152472°	Old Rt 10 Extension
4	43°34'24"	72°10'11"	43°34'24.6" 43.573508°	72°10'10.9" 72.169706°	Northwest Corner

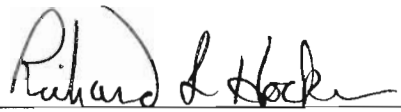
We, the undersigned, certify that the foregoing narrative is a fair and accurate record of the perambulation of the respective town boundaries.

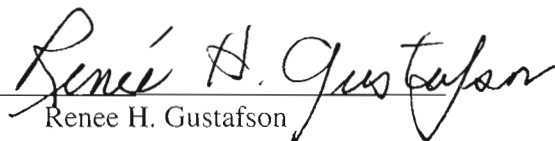
GRANTHAM

ENFIELD

  
\_\_\_\_\_  
David D. Wood

  
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Kurt R. Gotthardt

  
\_\_\_\_\_  
Richard L. Hocker

  
\_\_\_\_\_  
Renee H. Gustafson

