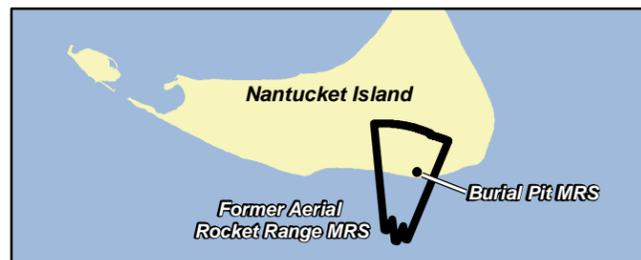
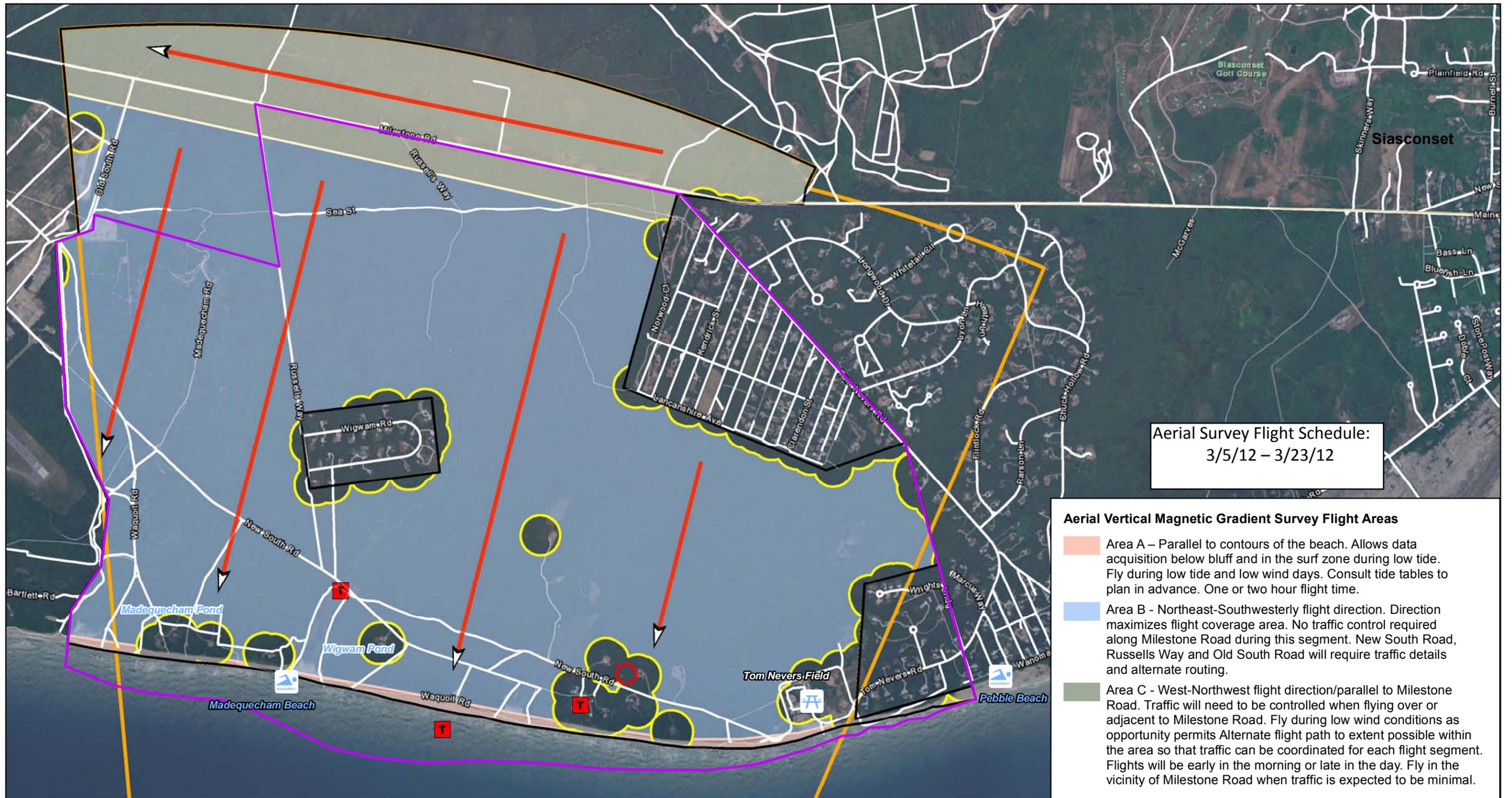


FIGURE 1 – Battelle Helicopter (Magnetic Gradient System)

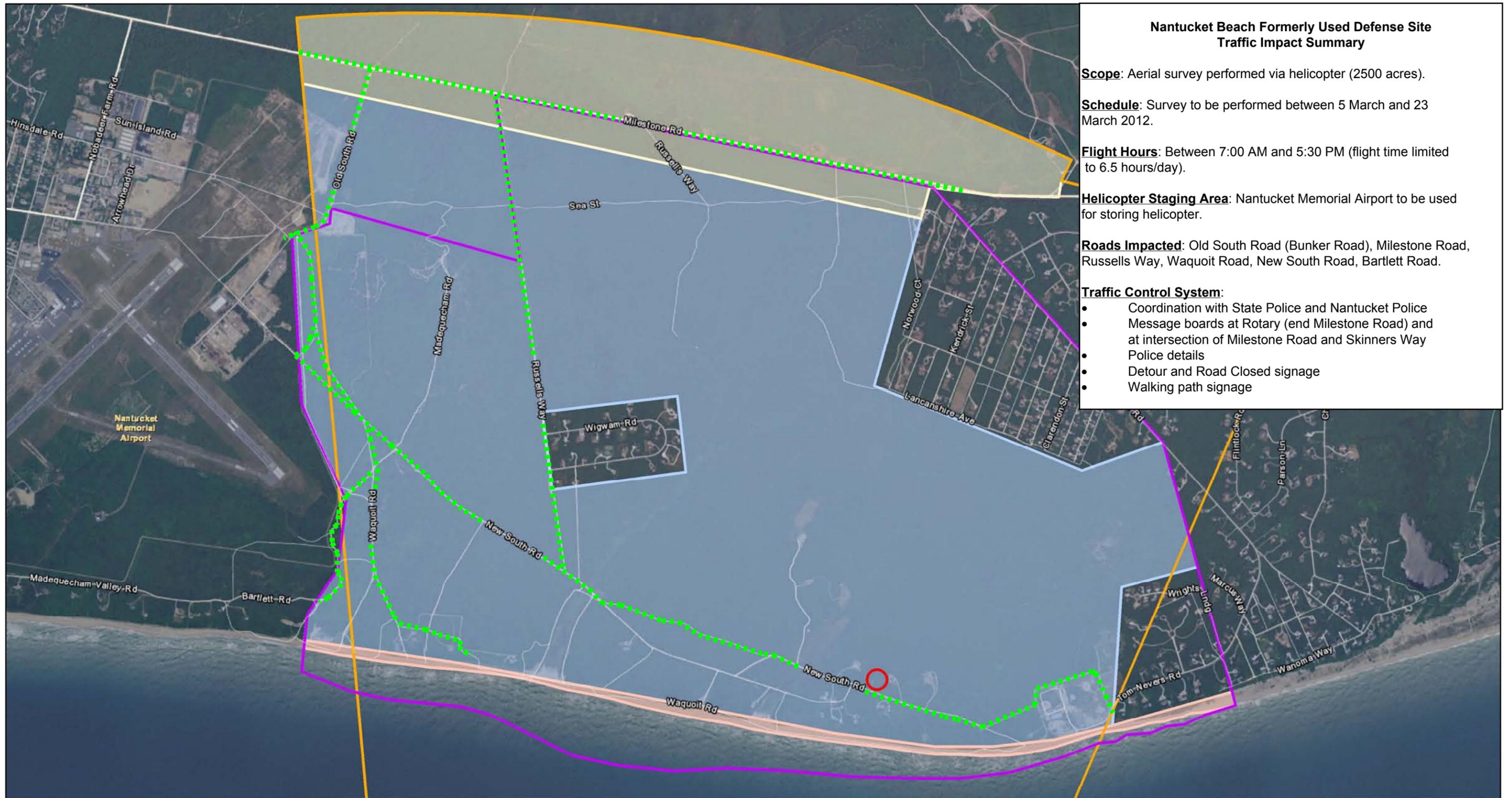




<ul style="list-style-type: none"> Former Target Flight Direction Building 300' Buffer FUDS Boundary Airborne Vertical Magnetic Gradient Survey 	<ul style="list-style-type: none"> MRS 1 – Burial Pit MRS 2 – Aerial Rocket Range
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<p>US Army Corps of Engineers</p>	<p>Nantucket Beach Formerly Used Defense Site</p>	
		<p>NOTES: Aerial Data Source: ESRI iCubed Imagery Prime World 2D (2004) Base Data: USACE (2004) County of Nantucket (2011)</p>

FIGURE 2	
Aerial Survey Flight Pattern with 300' Buffer	
1/31/2012	NT_Flight_BldgBufs.mxd
Drawn: zieglera	PROJ: 03886.551.004



**Nantucket Beach Formerly Used Defense Site
Traffic Impact Summary**

Scope: Aerial survey performed via helicopter (2500 acres).

Schedule: Survey to be performed between 5 March and 23 March 2012.

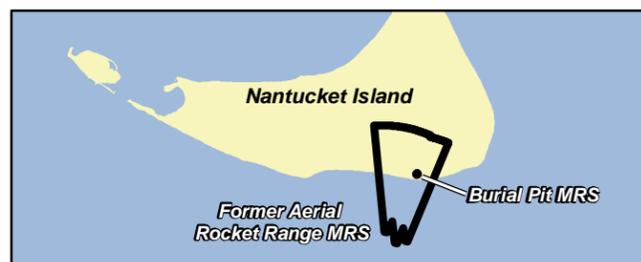
Flight Hours: Between 7:00 AM and 5:30 PM (flight time limited to 6.5 hours/day).

Helicopter Staging Area: Nantucket Memorial Airport to be used for storing helicopter.

Roads Impacted: Old South Road (Bunker Road), Milestone Road, Russells Way, Waquoit Road, New South Road, Bartlett Road.

Traffic Control System:

- Coordination with State Police and Nantucket Police
- Message boards at Rotary (end Milestone Road) and at intersection of Milestone Road and Skinners Way
- Police details
- Detour and Road Closed signage
- Walking path signage



- Flight Areas**
- Area A
 - Area B
 - Area C
- Legend:**
- FUDS Boundary
 - MRS 1 – Burial Pit
 - MRS 2 – Aerial Rocket Range
 - Road Closure/Detour



Nantucket Beach
Formerly Used
Defense Site



FIGURE 3
Area Road Map
Nantucket, MA



NOTES:
Aerial Data Source: ESRI iCubed
Imagery Prime World 2D (2004)
Base Data: USACE (2004)

1/31/2012

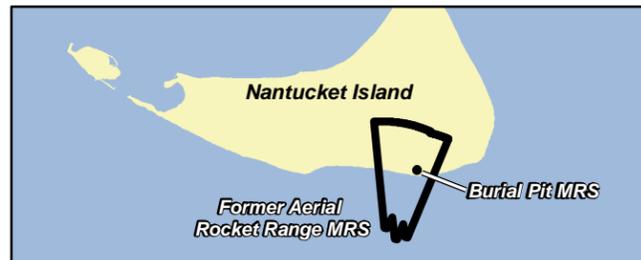
NT_RoadMap.mxd

Drawn: zieglera

PROJ: 03886.551.004



- Pedestrian Beach Access Points**
1. Tom Nevers Ball Field
 2. Land Bank Commission Property
 3. East Forked Pond Valley
 4. West Forked Pond Valley
 5. New South Road
 6. Russell Way Road



	Former Target		Coastal Dune Community (State-regulated wetland)
	Pedestrian Beach Access Point		Estuarine and Marine Wetland
	FUDS Boundary		Freshwater Emergent Wetland
	MRS 1 – Burial Pit		Freshwater Forested/Shrub Wetland
	MRS 2 – Aerial Rocket Range		Freshwater Pond
			Lake

US Army Corps of Engineers

Nantucket Beach Formerly Used Defense Site

N

0 920 1,840 2,760 Feet

0 340 680 1,020 Meters

NOTES:
Aerial Data Source: ESRI iCubed
Imagery Prime World 2D (2004)
Base Data: USACE (2004)

FIGURE 4 Sign Locations Nantucket, MA	
1/31/2012	NT_SignLocations.mxd
Drawn: zieglera	PROJ: 03886.551.004

Attachment 5

Nantucket Beach Formerly Used Defense Site Land/Sea Geophysics and Intrusive Investigation Munitions Response Sites (MRS) 1 and 2

MRS 1 and MRS 2 Target Area Delineation(land):

- Identify anomaly clusters based on results of aerial survey.
- Layout transect and/or grids in cluster areas.
- Clear vegetation (transects up to 6.5 ft wide and grids to 50 ft x 50 ft.) using equipment and ground crew.
- Survey land and beach transects and grids with EM61-MK2.
- Reacquire and dig percentage of anomalies with UXO technicians (document location, size, depth, description, orientation, etc.)
- Blow any Munitions and Explosives of Concern (MEC) in place.
- Characterize MC and or HTW (MRS 1 only) with sampling.
- Utilize data to determine the nature and extent of MEC, MD, and HTW (MRS 1 only).



Attachment 5

Nantucket Beach Formerly Used Defense Site Land/Sea Geophysics and Intrusive Investigation Munitions Response Sites (MRS) 1 and 2

MRS 2 Dive Survey (underwater):

- Layout transects on beach every 100 m over 1.33 mile of shoreline (transects extend out to 300 ft from shore).
- Access beach to perform mag and dig transect surveys with divers.
- Investigate anomalies and report findings.
- Utilize data to determine the nature and extent of MEC and MD.



Attachment 6
Nantucket Beach Formerly Used Defense Site
Schedule Summary

- Work Plan – Finalize February 2012
- Airborne Vertical Magnetic Gradient Survey – March 2012
- TPP Meeting 2 – March/April 2012
- Vegetative Clearing – April to May 2012
- Ground-Based DGM Transect Surveys – April to June 2012
- Intrusive Work – April to June 2012
- Underwater Work – April to May 2012
- RI Reports – Submit to Regulators March 2013
- FS Report – Submit to Regulators August 2013
- PP – Submit to Regulators September 2013
- DD Report – Submit to Regulators April 2014

Note: Fieldwork dates are preliminary and subject to change