

LAKE LANDING CANAL INSPECTION REPORT

MITIGATION SITE NAME Lake Landing Canal Mitigation Site	TIP # B-3858	WBS # 33305.1.1	INSPECTION DATE 10/7/2015
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COUNTY Hyde	LF OF STREAM 80	ONEID 048-005
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MONITORING ORGANIZATION Kimley-Horn	INSPECTOR RLS/CPM	PHONE (919)677-2104	EMAIL ADDRESS Ross.sullivan@kimley-horn.com
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INSPECTION ACTIVITIES: <i>Complete all that apply. Describe location of visited areas if <100%.</i>			
Walked boundaries	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
Walked trails / roads	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input checked="" type="checkbox"/> N/A
Walked road frontage	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
Walked interior	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A
Monitored from air	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> N/A
Condition of boundaries	<input checked="" type="checkbox"/> GOOD	<input type="checkbox"/> FAIR	<input type="checkbox"/> POOR
COMMENTS: The site appears to be in good condition. The feature has no riparian buffer. The site was also nearly flooded at the time of observation. The nearby town of Engelhard was experiencing significant flooding due to strong northeastern winds.			

WHICH NATURAL ACTIVITIES / CHANGES HAVE TAKEN PLACE SINCE LAST MONITORING INSPECTION?
Check all that apply. Note location and extent. Wherever possible, note species of concern. Document with photos.

<input checked="" type="checkbox"/> FLOODING	<input type="checkbox"/> FIRE	<input type="checkbox"/> STORM	<input type="checkbox"/> EARTH MOVEMENT
<input type="checkbox"/> INVASIVE EXOTIC VEGETATION	<input type="checkbox"/> INSECT INFESTATION	<input type="checkbox"/> ANIMAL ACTIVITY	<input type="checkbox"/> OTHER ACTIVITIES/ CHANGES? <i>(Please Explain)</i>
<input type="checkbox"/> NO CHANGE			

EXPLAIN: The site was experiencing high water and some flooding at time of inspection.

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MANMADE ACTIVITIES / CHANGES HAVE TAKEN PLACE SINCE LAST MONITORING? Check all that apply. Note location and extent. Document with photos.

<input type="checkbox"/> NEW STRUCTURE / CONSTRUCTION	<input type="checkbox"/> DUMPING OR STORING	<input type="checkbox"/> NEW TRAILS OR ROADS
<input type="checkbox"/> TIMBER HARVEST/ VEGETATIVE CUTTING	<input type="checkbox"/> EXCAVATION (DREDGING, FILLING, GRADING, MINING)	<input type="checkbox"/> ALTERATION TO DRAINAGE PATTERNS/WATER QUALITY
<input type="checkbox"/> SUBDIVISION	<input type="checkbox"/> INDUSTRIAL, RESIDENTIAL, OR COMMERCIAL USE	<input type="checkbox"/> LAND CLEARING
<input type="checkbox"/> MOTORIZED VEHICLE DAMAGE	<input type="checkbox"/> TRESPASS/VANDALISM	<input type="checkbox"/> AGRICULTURAL USE
<input checked="" type="checkbox"/> ENCROACHMENT FROM ADJACENT PROPERTY	<input type="checkbox"/> ACTIVITY ON ABUTTING LAND	<input type="checkbox"/> OTHER ACTIVITIES / CHANGES? <i>(Please Explain)</i>
<input type="checkbox"/> NO CHANGE		
EXPLAIN: Mowing by the adjacent landowner is continuing to remove the buffer along the channel. No NCDOT mitigation signage was observed.		
REQUEST FOLLOW-UP BY PROGRAM MANAGER FOR POSSIBLE VIOLATIONS.		<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

Were corrective actions completed for previous inspection(s)?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	EXPLAIN:
		<input checked="" type="checkbox"/> N/A	
Are you aware of any plans that may affect property?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	EXPLAIN:
Are there concerns about boundaries by adjacent property owners?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	EXPLAIN:
Are there changes in land use on adjacent property?	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO	EXPLAIN:
Are deed restrictions being adhered to?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	EXPLAIN:
If new property owner, do they have a written copy of the restrictions?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	
		<input checked="" type="checkbox"/> N/A	

ATTACHMENTS:

- 1) SITE PHOTOGRAPHS WITH CAPTIONS
- 2) SITE MAP

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Photo 1 – View of the eastern culvert within the site.



Photo 2 – Note that the feature was flooded at the time of observation.

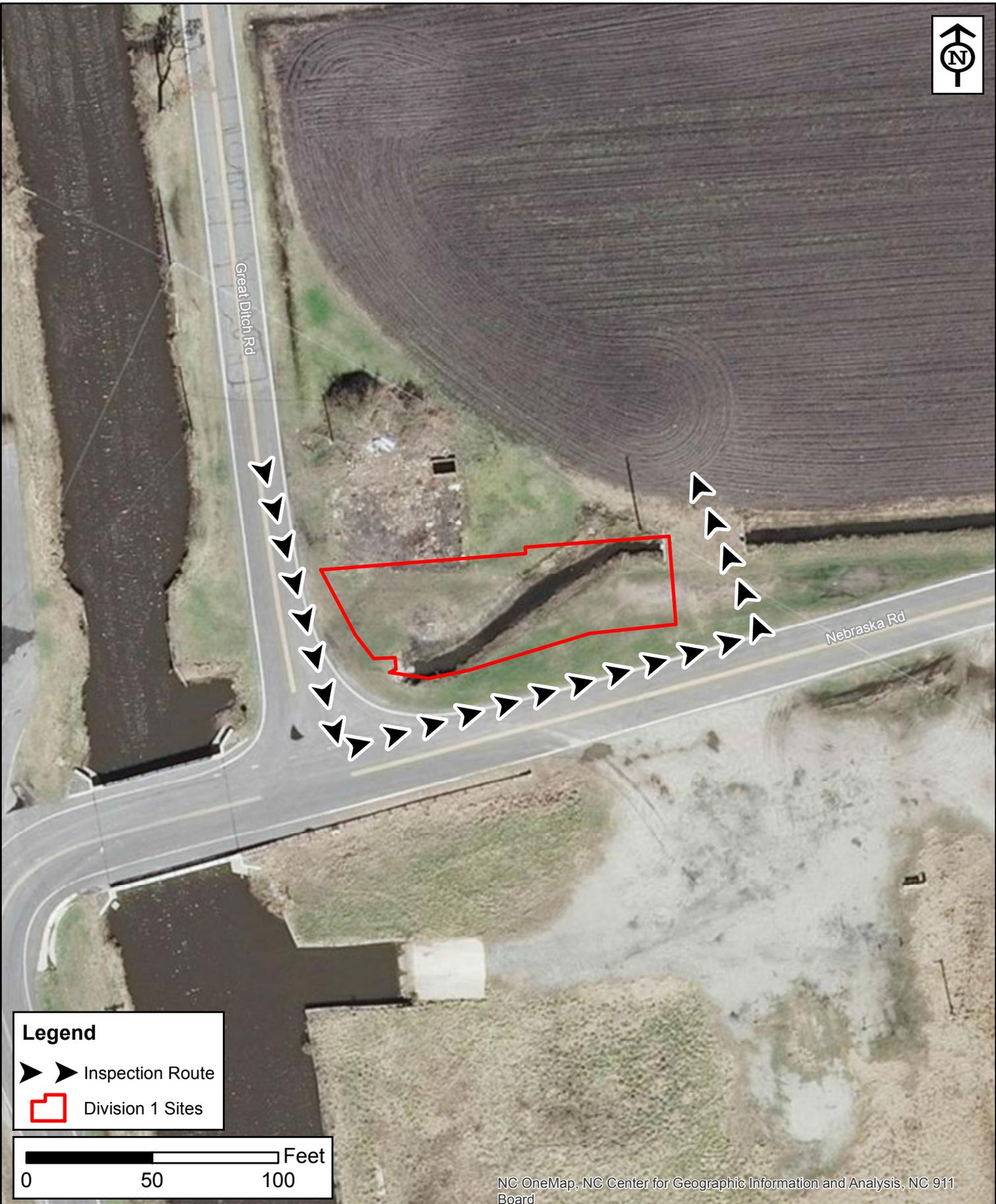
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Photo 3 – View of where the feature is piped under Great Ditch Road.

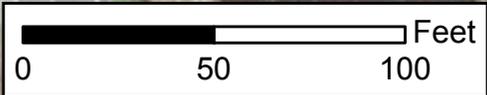


Photo 4 – The bridge over the Great Ditch had water touching its base.



Legend

-  Inspection Route
-  Division 1 Sites



NC OneMap, NC Center for Geographic Information and Analysis, NC 911 Board



Aerial Imagery
TIP B-3858 Lake Landing Canal (048-005)
Division 1, NCDOT
October 2015