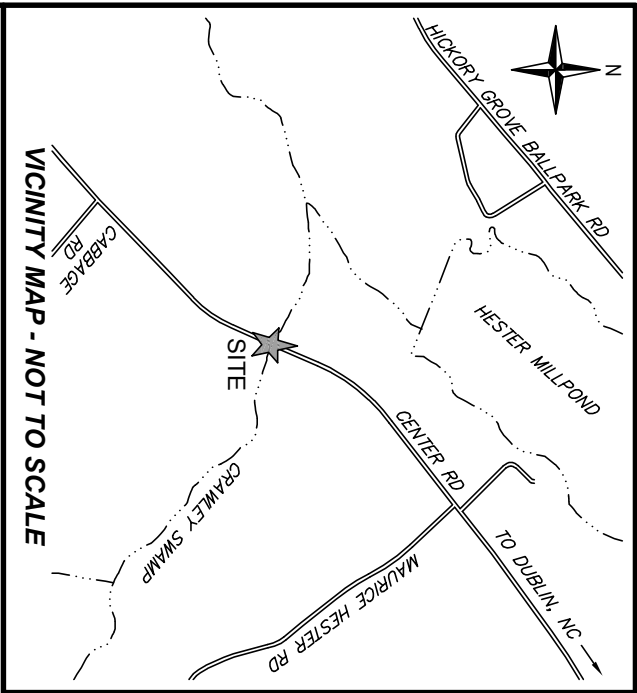




GENERAL NOTES

- 1) THE PURPOSE OF THIS PLAT IS TO DOCUMENT THE LOCATIONS OF WETLANDS FLAGS THAT WERE FIELD SURVEYED BY TAYLOR WISEMAN & TAYLOR. THE FLAGS WERE DELINEATED BY ENVIRONMENTAL SERVICES INC.
- 2) THIS MAP DOES NOT REPRESENT A BOUNDARY SURVEY.
- 3) AERIAL PHOTOGRAPHY SHOWN HEREON WAS TAKEN FROM THE NC ONEMAP DATABASE ON APRIL 20, 2016 AND THIS INFORMATION HAS BEEN SHOWN HEREON FOR REFERENCE PURPOSES ONLY. NO TRANSLATION, ROTATION OR SCALING WAS PERFORMED ON THE AERIAL PHOTOGRAPHY. IT WAS INSERTED INTO OUR DRAWING FILE AS PROVIDED. NO ACCURACY OR POSITIONAL TOLERANCE IS GUARANTEED BY THIS SURVEY AS TO HOW THE SURVEYED FEATURES TRULY RELATE TO THE INFORMATION SHOWN HEREON.

LINE LEGEND
WLB WETLANDS BOUNDARY

****WETLAND BOUNDARY FOR NCDOT:
NOT FOR RECORDATION**

SURVEY CONTROL / GRID TIE NOTES

TWT PERFORMED THIS SURVEY USING A COMBINATION OF REAL TIME NETWORK GPS (VRS) AND REAL TIME KINEMATIC (RTK) GPS. VRS WAS UTILIZED TO SET CONTROL AT THE BRIDGE SITE. RTK WAS USED AT THE BRIDGE SITE FOR THE LOCATION OF THE WETLAND FLAGS.

CLASS OF SURVEY: CLASS "C" LIS/GIS
HORIZONTAL DATUM: NAD83 (2011) NC STATE PLANE COORDINATE SYSTEM (EPOCH 2010.00)
VERTICAL DATUM: NAVD88 (GEOID 2012B)
LOCALIZATION: ALL DATA IS AT GRID. NO LOCALIZATION WAS PERFORMED ON THE DATA.
UNIT OF MEASUREMENT: U.S. SURVEY FOOT
DATE OF GPS SURVEY: APRIL 11, 2016
GPS ANTENNA: TRIMBLE R8 (SERIAL # 5009418542)
GPS TECHNIQUE: REAL TIME NETWORK (VRS)
FIXED (GORS) STATION HELD FOR THE SURVEY:

NAME: NCLU
LATITUDE: 34.3736, 33605"N
LONGITUDE: 79.0439, 69481"W
ADJUSTMENT: SURVEY DATA WAS POST PROCESSED WITH TRIMBLE GEOMATICS OFFICE (TGO) USING A NETWORK LEAST SQUARES ADJUSTMENT AT THE 95% CONFIDENCE LEVEL.
AVG COMBINED FACTOR: 0.99933551 AT TWT-5015

PID: D11682
ELLIPSOID HEIGHT: 51.92
GEOID HEIGHT: -110.61



I, CHAD T. HOWARD, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL CLASS C (OR BETTER) LIS/GIS SURVEY MADE UNDER MY SUPERVISION ON FEBRUARY 19, 2016. THAT METHOD OF MEASUREMENT, METHOD OF ACCURACY EVALUATION, AND DATUM INFORMATION IS REPORTED ELSEWHERE HEREON; THAT ALL WETLAND BOUNDARY LINES WERE SURVEYED AND ARE CLEARLY INDICATED.

WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 20th DAY OF FEBRUARY 2016

PROFESSIONAL SURVEYOR

CHAD T. HOWARD

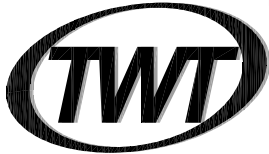
L-4220

NOT FOR RECORDATION, CONSIDERED VOID

PLAT SUBMITTED FOR REVIEW PURPOSES ONLY

CHAD T. HOWARD

LICENSE NO. L-4220



TAYLOR WISEMAN & TAYLOR
ENGINEERS | SURVEYORS | SCIENTISTS
SUBSURFACE UTILITY ENGINEERS
3500 REGENCY PARKWAY
SUITE 160, CARY, NC 27518
PHONE (919) 297-0085 FAX (919) 297-0090
NORTH CAROLINA LICENSE NUMBER: F-0362

WETLANDS LOCATIONS SURVEY
NCDOT TIP #B-5707 BRIDGE #13
over CRAWLEY SWAMP on CENTER RD
BLADEN COUNTY - DUBLIN, NC

REVISIONS:

DATE OF SURVEY:	APRIL 11, 2016
SCALE:	1" = 120'
DRAWN BY:	J. FLEMING
CHECKED BY:	C. HOWARD
PROJECT:	70635, 6004.00
SHEET:	1 / 1

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