



CITY OF HAVELOCK

Post Office Box 368
Havelock, NC 28532

INVITATION TO BID

Pursuant to North Carolina General Statutes §143-131, Mid-Atlantic Associates, Inc. (Mid-Atlantic) and the City of Havelock invites informal bids on the following:

***“Waste Pile Relocation,
Right of Way/Easement for NCDOT Project R-5516,
Former Phoenix Recycling Site”***

Bids must be submitted in accordance with the attached guide plans, and in follow-up to a mandatory pre-bid meeting at the site scheduled for **Wednesday, May 24th at 10:00 AM** or an alternate day (+/- one day) if inclement weather is forecast. Bidding firms should confirm that they will attend the meeting prior to 4 PM on May 22, 2017. Access to the site is from the intersection of Pine Grove Road with U.S. Highway 70. A landmark at this intersection is the City of Havelock West End Fire Station (860 Highway 70 West). We suggest accessing the site with a pickup truck since Pine Grove Road east of the fire station is heavily rutted.

Bids can be submitted by mail, email, fax or hand delivered. Cover sheets, envelopes, etc. should be clearly marked with the words:

Address Bids to: **Eric Aufderhaar, P.G.**
 Mid-Atlantic Associates, Inc.
 409 Rogers View Court
 Raleigh NC 27610
 (919) 250-9918 x226
 Fax (919) 250-9950
 Email: eaufderhaar@maaonline.com

Bids will be accepted until **4:00 p.m. (EST) on Tuesday, June 6, 2017** at which time they will be reviewed by Mid-Atlantic and the City of Havelock. Quotes are not subject to public inspection until the contract is awarded. The bids are good for 75 days after opening.

Bidders are cautioned not to submit bids until the proposed requirements and scope of work have been carefully examined, and a visit is made to the site to observe existing conditions. It will be considered that bidders will have satisfied themselves as to the accuracy of the specifications.

The successful bidder on all construction contracts will be required to conduct the operation in accordance with all Federal, State, and Municipal health and safety rules, regulations and laws applicable to the operation. The successful bidder may be asked to provide the City with a copy of the company's safety plan prior to commencing work. For all projects over \$30,000, a general contractor's license must be furnished to the City if applicable.



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N.C.G.S. (North Carolina General Statutes), specifically §160A-20.1(b), prohibit the City from entering into contracts with contractors and subcontractors who have not complied with the requirement of Article 2 of Chapter 64. The Contractor shall submit the E-Verify Affidavit, located in the Bid Proposal section, with their bid. Bids that do not include this Affidavit will be considered non-responsive.

N.C.G.S 147-86.55-69 requires certification for bids with a North Carolina Local Government. The certification is required at the time when a bid is submitted. N.C.G.S 147-86.55-69 requires that contractors with a North Carolina Local Government must not utilize any subcontractor found on the State Treasurer's Final Divestment List. The State Treasurer's Final Divestment List can be found on the State Treasurer's website at the address www.nctreasurers.com/Iran and will be updated every 180 days.

The City of Havelock reserves the right to reject any or all proposals and to purchase items from the state contract in the efforts to award the contract to the bidder it deems to be for the best interest of the City.

This institution is an equal opportunity provider, and employer.

Contact person(s) for information on this bid and Pre-Bid Meeting:

For questions in regards to the bid specifications, Mid-Atlantic Associates, Inc. will host a pre-bid meeting on May 24, 2017. This pre-bid meeting is considered mandatory so bidding firms can see the existing conditions first-hand including the NCDOT corridor on the subject site and the designated debris relocation areas. Following the pre-bid meeting and before an Addendum is issued (if applicable), questions will be received for a period of 24 hours by emailing Eric Aufderhaar at Mid-Atlantic, eaufderhaar@maaonline.com. An Addendum, if applicable, will be issued to all bidding firms that attended the pre-bid meeting no later than 1 PM on May 29, 2017.



STATE OF NORTH CAROLINA

AFFIDAVIT

CITY OF HAVELOCK

I, _____ (the individual attesting below), being duly authorized by and on behalf of _____ (the entity hereinafter "Employer") after first being duly sworn hereby swears or affirms as follows:

1. Employer understands that E-Verify is the federal E-Verify program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program used to verify the work authorization of newly hired employees pursuant to federal law in accordance with NCGS §64-25(5).
2. Employer understands that Employers Must Use E-Verify. Each employer, after hiring an employee to work in the United States, shall verify the work authorization of employee through E-Verify in accordance with NCGS §64-26(a).
3. Employer is a person, business entity, or other organization that transacts business in the State and that employs 25 or more employees in this State. (mark Yes or No)
 - a. YES_____, or
 - b. NO_____
4. Employer's subcontractors comply with E-Verify, and if Employer is the winning bidder on this project Employer will ensure compliance with E-Verify by any subcontractors subsequently hired by Employer.

This ____ day of _____, 20__.

Signature of Affiant
Print or Type Name:_____

State of North Carolina County of _____

Signed and sworn to (or affirmed) before me, this the ____ day of _____, 20__.

Signature of Notary Printed Name of Notary

My Commission Expires: _____

BID PROPOSAL
for
Waste Pile Relocation, Right of Way/Easement for NCDOT Project R-5516
Former Phoenix Recycling Site, Havelock, North Carolina

SCOPE OF WORK:

Furnish all labor, material, tools, equipment and services for relocation of waste debris located in the right of way and easement for NCDOT Project R-5516 on the former Phoenix Recycling property as described in "Guide for Bid Package, Waste Pile Relocation, Right of Way/Easement for NCDOT Project R-5516, Former Phoenix Recycling Site" prepared by Mid-Atlantic Associates, Inc. (the Consultant), dated May 16, 2017, and provisions of the Contract Documents.

The undersigned, as bidder, proposes and agrees, if this proposal is accepted, to contract with the City of Havelock, North Carolina (the Owner) for the furnishing of all materials, equipment and labor necessary for execution of the work described in these documents in full and complete accordance with the plans and contract documents, and to the complete satisfaction of the Consultant and the Owner for the sum of:

BASE BID: _____ (\$ _____).

Time required from notice to proceed to completion project: _____ days.

The Firm's terms and conditions shall be revised to meet all requirements of the City of Havelock, North Carolina.

Respectfully submitted this _____ day of _____, 2017.

(Name of firm or corporation making bid)

Federal ID #: _____

By: _____
(Individual Authorized to sign for firm or corporation)

License #: _____

(Name Printed or Typed)

Witness:

Title: _____

(Signature of Witness)

Address: _____

NC Contractor's License Type and Number _____

**IRAN DIVESTMENT ACT CERTIFICATION
REQUIRED BY N.C.G.S 147-86.55-69**

As of the date listed below, the vendor or bidder listed above is not listed on the Final Divestment List created by the State Treasurer pursuant to N.C.G.S. 147-86.55-69.

The undersigned hereby certifies that he or she is authorized by the vendor or bidder listed above to make the forgoing statement.

Authorized Signature:

Print Name of Authorized Signature:

Title:

Date:

GUIDE FOR BID PACKAGE WASTE PILE RELOCATION RIGHT OF WAY/EASEMENT FOR NCDOT PROJECT R-5516 FORMER PHOENIX RECYCLING SITE



Note: Project Location shown includes Debris to be removed and relocation areas on the larger, 35 acre (+/-) Phoenix Recycling property

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PREPARED FOR:

THE CITY OF HAVELOCK
1 GOVERNMENTAL AVENUE
HAVELOCK, NORTH CAROLINA 28352

PREPARED BY:

MID-ATLANTIC ASSOCIATES, INC.
409 ROGERS VIEW COURT
RALEIGH, NORTH CAROLINA 27610

May 16, 2017



COVER SHEET
DEBRIS RELOCATION FROM NCDOT RIGHT OF WAY/EASEMENT
(R-5516) FORMER PHOENIX RECYCLING SITE
PINE GROVE ROAD BEHIND 860 U.S. HIGHWAY 70 WEST
HAVELOCK, NORTH CAROLINA

DRAWN BY: EBA	DATE: MAY 2017
DRAFT CHECK BY:	JOB NO.: 00R2478.01 T3
ENGINEER CHECK BY: <i>DHN</i>	GIS NO.: 1G-00R2478.01 T3 - 1
APPROVED BY: <i>EBA</i>	DRAWING NO.: 1

REFERENCE: Printed output from Google Maps Query of Subject Site Area

INTRODUCTION

It is the intent of this Guide to provide basic performance information in sufficient detail to solicit competitive bids for the excavation and transfer of soil and construction debris from one land corridor to three relocation areas marked on the former Phoenix Recycling facility site located at the end of Pine Grove Road in the the City of Havelock, North Carolina. The closest street address is 860 U.S. 70 Highway 70 West which corresponds with the City of Havelock (City) West End Fire Station. The City currently owns the former Phoenix site. The land corridor is a planned N.C. Department of Transportation (NCDOT) right-of-way (ROW) and easement for a new roadway in the western portion of the site and is part of Transportation Improvement Project R-5516, U.S. 70 at Slocum Road and the Cherry Point Military Base. One large pile and several smaller piles of soil and construction debris will require relocation into the three relocation areas.

The project Owner is:

The City of Havelock
1 Governmental Avenue
Havelock, North Carolina 28532 Attn:
Mr. Frank Bottorff, City Manager

The Consultant is:

Mid-Atlantic Associates, Inc. 409
Rogers View Court Raleigh, North
Carolina 27610
Attn: Eric Aufderhaar
(919) 250-9918

This Guide describes the requirements for the relocation project including general information and information about the waste products found in the pile within the ROW and easement on the Phoenix Recycling site. Excavation of test pits and environmental testing has been completed by Mid-Atlantic and S&ME (for NCDOT) within the planned land corridor on the property. The test pits have revealed wood mulch and waste products related to construction including brick, plastic, large sections of timbers (e.g. telephone poles) and vinyl siding.

The bidder is expected to provide the minimum road improvements necessary to access the site with their equipment, and to not track mud and debris onto U.S. Highway 70. The unimproved Pine Grove Road extends easterly from the City West End Fire Station onto the subject site, a distance of approximately 1,100 feet. As of April 2017, the road was rutted with large puddles following rainfall events.

INTRODUCTION

The general scope of work for this project includes these major tasks:

1. Provide a Health and Safety Plan that contains a site specific map illustrating the route to emergency care services. Contractor is responsible for site safety. Note that decaying wood (natural and man-made products) may generate methane, a colorless and odorless gas that may become explosive under appropriate conditions. Smoking is prohibited on this site.
2. Participate in a pre-construction meeting.
3. Improve the access road to the site sufficient to limit mud and soil being carried onto U.S. Highway 70. Access is from the paved portion of Pine Grove Road which extends east of the City West End Fire Station.
4. Construct silt fencing on the northwest side of pile location "C", near where a wetland area is located, and at other locations as needed.
5. Remove soil and debris from piles within the NCDOT land corridor to three locations on the site. Soil and debris should be placed on higher ground areas and slope sufficiently to not fall within the NCDOT Right of Way or easement.

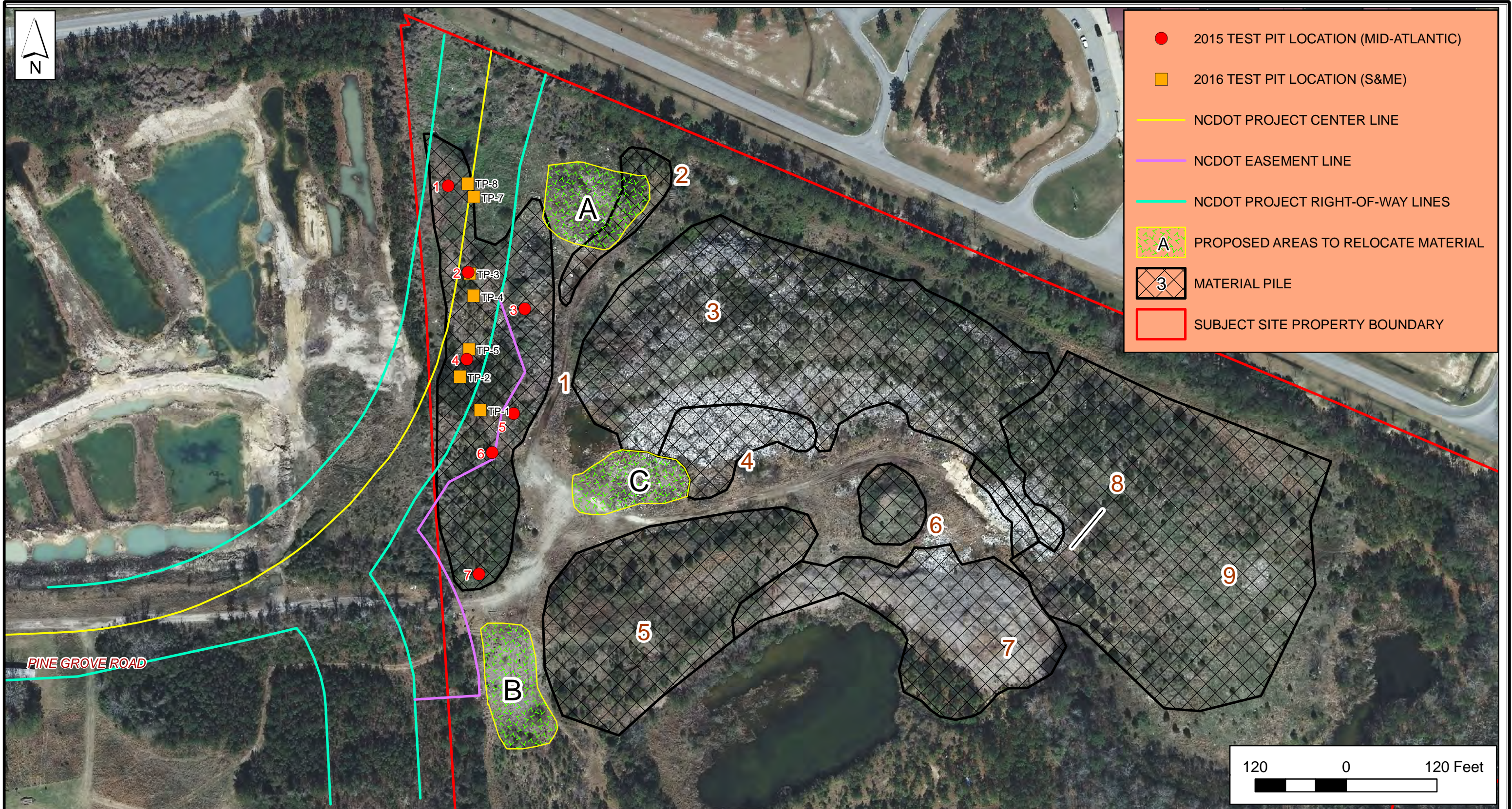


AERIAL PHOTOGRAPH SHOWING RELOCATION AREAS (See Sheet 3 for Easement)

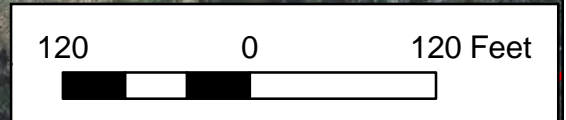


INTRODUCTION & GENERAL SCOPE OF WORK
FORMER PHOENIX RECYCLING SITE
PINE GROVE ROAD, BEHIND 860 HIGHWAY 70 WEST
HAVELOCK, NORTH CAROLINA

DRAWN BY: SC	DATE: MAY 2017
DRAFT CHECK BY:	JOB NO.: 00R2478.01 T3
ENGINEER CHECK BY: DHN	GIS NO.: 1G-R2478.01-3
APPROVED BY: EBA	SHEET NO.: 2



- 2015 TEST PIT LOCATION (MID-ATLANTIC)
- 2016 TEST PIT LOCATION (S&ME)
- NCDOT PROJECT CENTER LINE
- NCDOT EASEMENT LINE
- NCDOT PROJECT RIGHT-OF-WAY LINES
- A PROPOSED AREAS TO RELOCATE MATERIAL
- 3 MATERIAL PILE
- SUBJECT SITE PROPERTY BOUNDARY



SITE MAP
DEBRIS RELOCATION FROM NCDOT RIGHT-OF-WAY/EASEMENT (R-5516)
FORMER PHOENIX RECYCLING SITE
PINE GROVE ROAD, BEHIND 860 HIGHWAY 70 WEST
HAVELOCK, NORTH CAROLINA

DRAWN BY: EBA	DATE: MAY 2017
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APPROVED BY: <i>EBA</i>	SHEET NO.: 3

REFERENCE: 2012 AERIAL IMAGERY FROM NC CGIA. ROAD AND PARCEL DATA FROM CRAVEN COUNTY GIS. NCDOT CONSTRUCTION DRAWINGS. S&ME SHEET 3, JAN. 2017 WASTE PROFILE REPORT.

INFORMATION ABOUT WASTE PILE TO RELOCATE

Most of waste pile 1 is contained within the NCDOT right of way (ROW) and will require relocation. In 2015, Mid-Atlantic excavated seven pits into Pile 1 at the site for the City of Havelock. Mid-Atlantic found that the pile consisted mostly of weathered wood products including shredded bark, wood chips and dimension lumber. Concrete debris and vinyl siding were also commonly found. The table below notes the pits excavated in and nearby the ROW. Their locations are shown on the Site Map.

TEST PIT NO.	IN NCDOT RIGHT OF WAY OR NEAR RIGHT OF WAY	EXCAVATION DATE	DEPTH TO NATIVE SOIL BELOW SURFACE (FT.)	PREDOMINANT SOLID WASTE OBSERVED IN TEST PIT	COMMENTS
1	IN ROW	1/23/2015	7	Shredded Bark, Black Plastic and Nylon Tarps	
2	IN ROW	1/23/2015	9	Shredded bark, vinyl siding, PVC sewer pipe	
3	NEAR ROW	1/26/2015	8	Concrete Debris	High total organic vapor readings- methane suspected because no apparent odor (FID reading of 2,080 ppm; PID reading of 3 ppm)
4	IN ROW	1/26/2015	22	Wood Debris, Vinyl siding	Water at 15 feet below pile surface
5	NEAR ROW	1/20/2015	16	Wood Chips, vinyl siding, concrete with rebar, metal pipes, aluminum strapping	Large to very large pieces of concrete (2 to 13', 14') - Many with rebar. Wood chips from 4 to 16 feet.
6	NEAR ROW	1/20/2015	15	Wood chips, Vinyl siding, dimension lumber, cinder blocks, brick	Strong unknown odor (at 8 feet, FID=420, PID=3.2; at 16 feet, FID=53.4, PID=7.14).
7	NEAR ROW	1/20/2015	19	Wood chips, peat	Hit old electrical line in conduit at 16 to 17 ft. No Fill other than Chips/Peat

Note: "ROW" mentioned in the text and tables also refers to the related easement (Sheet 3)

Photograph 1: Concrete Found in Mid-Atlantic Test Pit 5



In September 2016, S&ME excavated test pits within the ROW on behalf of the NCDOT. Their test pits generally revealed wood mulch and waste products related to construction including brick, plastic, large sections of timbers (e.g. telephone poles) and vinyl siding. Lesser amounts of PVC piping, concrete and plastic were encountered. Below is a table summarizing the waste types encountered based on review of their report. In terms of volume, S&ME estimated from that approximately 8,000 cubic yards of material would require relocation out of the ROW (email communication from Katrina Marshall, City of Havelock, December 6, 2016).

TEST PIT NO.	IN NCDOT RIGHT OF WAY OR NEAR RIGHT OF WAY	EXCAVATION DATE	DEPTH TO NATIVE SOIL BELOW SURFACE (FT.)	PREDOMINANT SOLID WASTE OBSERVED IN TEST PIT (Test Pit Logs, S&ME, 2017)	COMMENTS FROM TEST PIT LOGS (From S&ME, 2017)
TP-1	IN ROW	9/17/2016 or 9/8/2016	22	Wood Debris, Plastic, Large pieces of Concrete	Water at 18 ft. Native Soil is medium stiff Sandy Clay
TP-2	IN ROW	9/7/2016 or 9/8/2016	12	Wood Debris, Plastic, Vinyl siding	Native Soil is Medium Dense Sandy Clay
TP-3	IN ROW	9/7/2016 or 9/8/2016	10	Wood Debris, plastic and rock. Large section of PVC pipes, Timbers (telephone/power poles)	Native soil is Medium Dense Silty Sand
TP-4	IN ROW	9/7/2016 or 9/8/2016	12.5	Wood Debris, brick, plastic. Large sections of timbers (telephone/power poles). High % of wood mulch	Native soil is Stiff Silty Sand
TP-5	IN ROW	9/7/2016 or 9/8/2016	8	Wood debris, mulch and plastic	Native soil is medium stiff Sandy Clay. Standing Water in Test Pit
TP-6	IN ROW	9/7/2016 or 9/8/2016	6.5	Wood Debris	Native soil is Medium Dense Silty Sand
TP-7	IN ROW	9/7/2016 or 9/8/2016	7	Wood Debris and Plastic. Strong Odor (possibly organics)	Native soil is Medium Dense Silty Sand

Reference: NCDOT R-5516 Waste Profile Sampling, S&ME Inc., January 3, 2017. [Letter report prepared by S&ME for the NCDOT. Document provided to Mid-Atlantic by the City of Havelock].



Photograph 2: View south along Right of Way at debris to be Removed. Majority of debris in wooded pile shown in background.



INFORMATION ABOUT DEBRIS PILE TO RELOCATE FROM
 NCDOT RIGHT OF WAY/EASEMENT (R-5516)
 FORMER PHOENIX RECYCLING SITE
 PINE GROVE ROAD BEHIND 860 US HIGHWAY 70 W.
 HAVELOCK, NORTH CAROLINA

DRAWN BY: EBA	DATE: MAY 2017
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ENGINEER CHECK BY: DHN	GIS NO.: 1G-00R2478.01 T3 - Sh 4
APPROVED BY: EBA	SHEET NO.: 4

REFERENCE:



Photograph 3 - View to north along the east line of relocation area A which is marked with stakes topped with white paint or duck tape).



Photograph 4 – View to east along the southern, staked boundary line. Concrete pieces are present in the area within small piles and scattered thinly over the land surface.



Photograph 5 - View of existing, scattered debris in the north, more wooded section of Area A.



Photograph 6 – View of existing concrete pile in shallow depression on Area A. View to north or northwest.



PHOTOGRAPHS OF RELOCATION AREA "A"
 FORMER PHOENIX RECYCLING SITE
 PINE GROVE ROAD, BEHIND 860 HIGHWAY 70
 WEST HAVELOCK, NORTH CAROLINA

DRAWN BY: SC	DATE: MAY 2017
DRAFT CHECK BY:	JOB NO.: 00R2478.01 T3
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APPROVED BY: <i>EBA</i>	SHEET NO.: 5



Photograph 7 - View to south from near access road to site of Relocation Area B. One wood stake marking the northern boundary of Area B is shown.



Photograph 8 – View to north from the southern section of Relocation Area B.



Photograph 9 – View of the southwestern portion of Relocation Area C. Note the three marker stakes with white flagging and existing debris in the area.



Photograph 10 – View to west along the southern boundary of Relocation Area C (edge of road). The debris pile to be removed in the ROW is shown in the background behind the pickup truck.



PHOTOGRAPHS OF RELOCATION AREAS "B" AND "C"
 FORMER PHOENIX RECYCLING SITE
 PINE GROVE ROAD, BEHIND 860 HIGHWAY 70 WEST
 HAVELOCK, NORTH CAROLINA

DRAWN BY: <i>SOC</i>	DATE: MAY 2017
DRAFT CHECK BY:	JOB NO.: 00R2478.01 T3
ENGINEER CHECK BY: <i>DHN</i>	GIS NO.: 1G-R2478.01 T3
APPROVED BY: <i>EBA</i>	SHEET NO.: 6



Photograph 11 – The eastern portion of Relocation Area C is shown. View is to the north from near the road shown in Photograph 10.



Photograph 12 – The northwestern, existing marked boundary of Relocation Area C goes through tall marsh grass. The northwest corner stake of Area C is shown and the orientation of picture is also to the northwest. Relocated debris will require placement further to the south/southeast in the area on higher ground.



PHOTOGRAPHS OF RELOCATION AREAS "B" AND "C"
 FORMER PHOENIX RECYCLING SITE
 PINE GROVE ROAD, BEHIND 860 HIGHWAY 70
 WEST HAVELOCK, NORTH CAROLINA

DRAWN BY:	<i>SOC</i>	DATE:	MAY 2017
DRAFT CHECK BY:		JOB NO.:	00R2478.01 T3
ENGINEER CHECK BY:	<i>DHN</i>	GIS NO.:	1G-R2478.01 T3
APPROVED BY:	<i>EBA</i>	SHEET NO.:	7