



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

JOSH STEIN  
GOVERNOR

J.R. "JOEY" HOPKINS  
SECRETARY

June 11, 2025

**Addendum No. 1**

Contract No.: DA00644

WBS Element: 18201.1048011

*Hauling Borrow Material from the Ocracoke Dredge Spoil Site, ~~Sandbag Installation~~ and Dune Reconstruction, & Grading, in Hyde County*

To Whom It May Concern:

Reference is made to the proposal and plans previously furnished for this project.

The Department decided to eliminate the sandbag installation from the project, leading to the following revisions in the proposal and plans:

Page No 1 "Proposal Cover Sheet" has been revised to remove "*Sandbag Installation*" from the project description and to remove the requirement of a Bid Bond. Please replace the original page No. 1 "Proposal Cover Sheet" with the revised attached page No. 1 "Proposal Cover Sheet".

Page No 3 "Table of Content" has been revised to update the special provisions for "Major Item" and the "Bond Requirements". Due to the scope change, there are no longer any major items on the project. Please replace the original page No. 3 "Table of Content" with the attached revised page No. 3 "Table of Content".

Page No. G-2 has been revised and page No. 2A added to update the "Bond Requirements" for the project. Please replace the original page No. G-2 with the attached revised page No. G-2 and include newly added page No. G-2A.

Page No. G-5 has been revised to update the special provision for "Major Item". Due to the scope change, there are no longer any major items on the project. Please replace the original page No. G-5 with the attached revised page No. G-5.

Page No. R-1 has been revised to update the "Scope of Work" for the project. Please replace the original page No. R-1 with the attached revised page No. R-1.

Page No. R-2 has been revised to remove the requirement for "Motor Grader" from the special provision for Fully Operated Hourly Equipment. Please replace the original page No. R-2 with the attached revised page No. R-2.

Page No. R-3 thru R-5 have been revised to delete the special provision for “Barrier Specification” from the proposal. Please replace the original page No. R-3 thru R-5 with the attached revised pages No. R-3 thru R-5.

Page No. 94 “*Bid Form*” have been revised to delete the following pay items for the project:

- Line #6, Fully Operated Motor Grader, Minimum 12' Moldboard
- Line #9, 4' Polypropylene Bags
- Line #10, 6' Polypropylene Bags

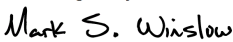
Please replace the original page No. 94 “*Bid Form*” with the attached revised page No. 94 “*Bid Form*” pages.

The original plan set has been revised to reflect the revised scope of work for the project. Please replace the original plan set, sheets No. 1 - 6 with the revised plan set, sheets No. 1 - 6. The updated plans, titled **DA00644 Plans, revised 06.09.25** are available on the Division 1 website:

The amended EBS File (DA00644.001x) has been uploaded.

[https://connect.ncdot.gov/letting/Pages/Letting-List.aspx?let\\_type=1&let\\_status=Advertised](https://connect.ncdot.gov/letting/Pages/Letting-List.aspx?let_type=1&let_status=Advertised)

Sincerely,

DocuSigned by:  
  
37ED002D8DDF4B4...

Mark S. Winslow  
Division Contract Engineer

Cc: C. W. Bridgers, Jr., PE  
R. K. Sawyer, PE  
R. W. Midgett, PE  
M. B. Gill, PE  
B. N. Braswell, PE  
D. B. Otts, PE  
C. A. Spear, PE  
B. J. Tatum  
J. Ryder

DA00644

FEDERAL

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
HIGHWAY DIVISION 1

## PROPOSAL

DATE AND TIME OF BID OPENING: JUNE 18, 2025 AT 2:00 PM

CONTRACT ID: DA00644

WBS ELEMENT NO.: 18201.1048011

FEDERAL AID NO.: TBD

COUNTY: HYDE

TIP NO.: N/A

MILES: 1.348

ROUTE NO.: NC-12

LOCATION: OCRACOE ISLAND

★ TYPE OF WORK: BORROW EXCAVATION, ~~SANDBAG INSTALLATION~~, DUNE  
RECONSTRUCTION, & GRADING ★

**NOTICE:**

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

THIS IS A ROADWAY PROJECT.

BID BOND **IS NOT REQUIRED.**

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NAME OF BIDDER

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ADDRESS OF BIDDER

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**DIVISION LET CONTRACT PREQUALIFICATION:**

(07-01-14)(12-1-16)

SPD 01-410

Any firm that wishes to bid as a prime contractor shall be prequalified as a Bidder or PO Prime Contractor prior to submitting a bid. Information regarding prequalification can be found at: <https://connect.ncdot.gov/business/Prequal/Pages/default.aspx>.

Prior to performing the work, the prime contractor and/or subcontractor(s) shall be prequalified in the work code(s) which are identified as work items in the prime contractor's construction progress schedule that they will complete themselves. Any contractor identified as working outside their expertise may be considered in default of contract.

**BOND REQUIREMENTS:**~~(6-1-16)(Rev. 1-16-24)~~~~102-8, 102-10~~~~SPD 01-420A~~

~~A Bid Bond is required in accordance with Article 102-10 of the *Standard Specifications for Roads and Structures*.~~

~~Contract Payment and Performance Bonds are required in accordance with Article 103-7 of the *Standard Specifications*.~~

**CONTRACTOR CLAIM SUBMITTAL FORM:**

(2-12-14)

104-3

SPD 01-440

If the Contractor elects to file a written claim or requests an extension of contract time, it shall be submitted on the *Contractor Claim Submittal Form (CCSF)* available through the Construction Unit or at <https://connect.ncdot.gov/projects/construction/Pages/Construction-Resources.aspx> as Form CCSF under Construction Forms.

Any claims for additional compensation and/or extensions of the completion date shall be submitted to the Division Engineer in writing, with detailed justification, prior to submitting the final invoice payment. Once an invoice is received and accepted that is marked as "Final", the Contractor shall be barred from recovery.

**HAUL ROADS:**

(7-16-24)

105

SP1 G04

Revise the *Standard Specifications* as follows:

**Page 1-45, Article 105-15 RESTRICTION OF LOAD LIMITS, line 31,** add the following after second sentence of the second paragraph:

At least 30 days prior to use, the Contractor shall notify the Engineer of any public road proposed for use as a haul road for the project.

**CONTRACT PAYMENT AND PERFORMANCE BOND – GENERAL:**

REVISED 5/27/14

A performance bond in the amount of one hundred percent (100%) of the contract amount, conditioned upon the faithful performance of the contract in accordance with specifications and conditions of the contract is required on this project if the contract amount exceeds \$500,000. Such bond shall be solely for the protection of the North Carolina Department of Transportation and the State of North Carolina.

A payment bond in the amount of one hundred percent (100%) of the contract amount, conditioned upon the prompt payment for all labor or materials for which the Contractor, or subcontractor, is liable is required on this project if the contract amount exceeds \$500,000. The payment bond shall be solely for the protection of persons or firms furnishing materials or performing labor for this contract for which the Contractor is liable.

The successful bidder, within **fourteen (14) days** after notice of award, shall provide the Department with a contract payment bond and a contract performance bond each in an amount equal to one hundred percent (100%) of the amount of the contract.

Holidays and holiday weekends shall include New Year's, Easter, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas. The Contractor shall schedule his work so that lane closures will not be required during these periods, unless otherwise directed by the Engineer.

The time of availability for this intermediate contract work shall be the time the Contractor begins to install all traffic control devices for lane closures according to the time restrictions listed herein.

The completion time for this intermediate contract work shall be the time the Contractor is required to complete the removal of all traffic control devices for lane closures according to the time restrictions stated above and place traffic in the existing traffic pattern.

The liquidated damages are **Two Hundred Fifty Dollars (\$ 250.00)** per hour.

**MAJOR CONTRACT ITEMS:**

~~(2-19-02)(Rev. 1-16-24)~~

~~104~~

~~SP1 G28~~

~~The following listed items are the major contract items for this contract (see Article 104-5 of the Standard Specifications):~~

<b>Line #</b>	<b>Description</b>
<del>9</del>	<del>GENERIC MISCELLANEOUS ITEM, 4' POLYPROPYLENE BAGS</del>
<del>10</del>	<del>GENERIC MISCELLANEOUS ITEM, 6' POLYPROPYLENE BAGS</del>

**NO MAJOR CONTRACT ITEMS:**

~~(2-19-02) (Rev. 8-21-07)~~

~~104~~

~~SP1 G31~~

~~None of the items included in this contract will be major items.~~

**NO SPECIALTY ITEMS:**

~~(7-1-95)(Rev. 1-16-24)~~

~~108-6~~

~~SP1 G34~~

~~None of the items included in this contract will be specialty items (see Article 108-6 of the Standard Specifications).~~

**FUEL PRICE ADJUSTMENT:**

~~(11-15-05)(Rev. 1-16-24)~~

~~109-8~~

~~SP1 G43~~

**Page 1-82, Article 109-8, FUEL PRICE ADJUSTMENTS, add the following:**

The base index price for DIESEL #2 FUEL is **\$ 2.2231** per gallon. Where any of the following are included as pay items in the contract, they will be eligible for fuel price adjustment.

**PROJECT SPECIAL PROVISIONS****ROADWAY****SCOPE OF WORK**

This contract is for Dune reconstruction along a portion of NC-12 on Ocracoke Island in Hyde County. The location of the work is shown within the furnished plans. ~~This project will utilize Polypropylene Bags to form a barrier wall to be covered with borrow material.~~

The Contractor shall note that the scope of work required by this Contract shall consist of:

- ~~1. Furnishing of bags, installation of bags, and filling of the polypropylene bag itself by the Contractor with Borrow Material, furnished by the department and delivered to the site by the Contractor.~~
- ~~2. The Contractor will excavate and prepare the site for the installation and filling of the Polypropylene Bags as required by this contract. As the filling of the bags progresses by the Contractor, the Contractor will backfill as necessary.~~
- ~~3. After the work of filling the Polypropylene Bags as required by this Contract is satisfactorily completed, the Contractor will backfill and~~ The Contractor will haul borrow material furnished by the department and deliver to the east side of NC-12 and to do any remaining site work needed to shape the dune as shown in the typical section.
4. The Contractor will haul Borrow Material, furnished by the department and delivered to the west side of NC-12 for future use by the Department's maintenance staff.
5. The Contractor will excavate, and haul Borrow Material from the Ferry Division Dredge spoil site adjacent to the South Dock Ferry Terminal on Ocracoke Island. This site can be accessed from NC 12, through the existing service road maintained by the Department. The Contractor shall under no circumstances excavate beyond the limits shown on the plans or as directed by the Engineer.
6. The Contractor shall maintain the access road throughout the life of the project, ensuring Department personnel operating passenger vehicles can access the site to perform periodic inspections.
7. The Contractor will establish and maintain the Work Zone Signing and provide all needed Traffic Control to maintain traffic for the above work.
8. The contractor shall provide Fully Operated Hourly Equipment as specified in the proposal.

All work and materials shall be in accordance with the provisions of the General Guidelines of this contract, the Project Special Provisions, the *North Carolina Department of Transportation Standard Specifications for Roads and Structures 2024*, the *North Carolina Department of Transportation 2024 Roadway Standard Drawings*, and the current edition of the *Manual of Uniform Traffic Control Devices (MUTCD)*.

The Contractor shall keep himself fully informed of all Federal, State, and local laws, ordinances, and regulations, and shall comply with the provisions of Section 107 of the *Standard Specifications*.

**FULLY OPERATED HOURLY EQUIPMENT:**

Work covered by this provision is for grading on the west side of NC-12 to reestablish shoulder cross-slope and drainage swale and for any grading required at the dredge spoil site beyond maintenance of the haul road.

The Contractor shall furnish equipment, as specified below, in good operating condition and operated by properly trained and qualified personnel. The Contractor shall be responsible for providing transportation for all equipment to and from the job site(s) at no additional cost to the Department of Transportation.

**Equipment Required:**

- (1) Dozer
- (1) Dump Truck
- (1) Excavator
- (1) Front-End Loader
- ~~(1) Motor Grader~~

**Measurement and Payment:**

Payment for fully operated hourly equipment shall be on an hourly basis in accordance with the rates established in the contract. All charges shall be determined to the nearest one-quarter (1/4) hour based upon the time the equipment was in actual productive operation. The Contractor will not be paid for downtime due to meals, equipment failure, unsatisfactory weather, nor any other conditions.

Contractor shall be responsible for all costs or charges incurred in the operation and maintenance to the equipment during the contract period.

<b>Pay Item</b>	<b>Pay Unit</b>
Generic Misc. Item Fully Operated Dozer, Minimum 100 H.P. And 9.5' Blade	Hour
Generic Misc. Item Fully Operated Dump Truck, Minimum Of 14 CY Truck	Hour
Generic Misc. Item Fully Operated Excavator, Min. 20 Metric Tons with a 1.5 CY Bucket	Hour
Generic Misc. Item Fully Operated Loader, Minimum 3 CY Heaped GP Bucket	Hour
<del>Generic Misc. Item Fully Operated Motor Grader, Minimum 12' Moldboard</del>	<del>Hour</del>

**HAULING BOROW MATERIAL FOR DUNE RECONSTRUCTION:****Description**

Excavate, haul, place, and grade suitable material from the NCDOT dredge spoil site to reconstruct the dune (East Side) of NC-12. The material will be placed along NC-12, in accordance with the plans, maps, or as directed by the Engineer, and Section 230 of the *Standard Specifications*.

DA00644

**R-3**

FEDERAL

**Measurement and Payment**

*Generic Miscellaneous Item Borrow Excavation (Spoil Pit – Dunes)* will be measured and paid based on the total volume of approved material hauled to the designated areas for reconstruction of the dune and construction of berm along NC 12.

*Generic Grading Item Fine Grade Dunes* will be measured and paid based on the surface area of rebuilt dune and constructed berm that is dressed and placed to the final line and grade in accordance with the dune detail, along NC 12 and accepted by the Department. The dune rebuild material used on this project will be measured for payment by truck measurement as provided in Article 230-5 of the *Standard Specifications*. **There will be no deduction for shrinkage on this contract.**

**Pay Item****Pay Unit**

Generic Miscellaneous Item Borrow Excavation (Spoil Pit – Dunes)

CY

Generic Grading Item Fine Grade Dunes

SY

**HAULING BORROW MATERIAL TO THE WEST SIDE OF NC12:****Description**

Excavate, haul, place suitable material from the NCDOT dredge spoil site to the project location along NC-12. The material will be placed along the (West Side) of NC 12, in accordance with the plans or maps provided by the Engineer, and Section 230 of the *Standard Specifications*.

**Measurement and Payment**

*Generic Miscellaneous Item Borrow Excavation (Spoil Pit – West Side NC12)* will be measured and paid based on the total volume of approved material hauled and placed within the designated area along NC-12. The material used on this project will be measured for payment by truck measurement as provided in Article 230-5 of the *2024 Standard Specifications*. **There will be no deduction for shrinkage on this contract.**

**Pay Item****Pay Unit**

Generic Miscellaneous Item Borrow Excavation (Spoil Pit – West Side NC12)

CY

**BARRIER SPECIFICATIONS**~~1) Materials involved~~

- ~~a) Bag Systems (see Section 2 / Application-Specific Bag System for bag system specifications)~~
  - ~~i) Permanent bag~~
  - ~~ii) Gutter bag~~
- ~~b) Borrow Material Fill and Backfill (furnished by the department and delivered to the site by the Contractor)~~

~~2) Application-Specific Bag System~~~~a) Composition (all Bag Systems)~~~~Material~~

- ~~(1) Fabric: Woven, 100% virgin polypropylene~~
- ~~(2) Fabric Weight: 8.0 oz./sq. yard (ASTM D-1910)~~
- ~~(3) Weft Tensile: 335 lbs. (ASTM 4632)~~
- ~~(4) Warp Tensile: 531 lbs. (ASTM 4632)~~
- ~~(5) Weft Elongation: 20% Min. (ASTM 4632)~~
- ~~(6) Warp Elongation: 20% Min. (ASTM 4632)~~
- ~~(7) Tensile Strength: 390 lbs. x 360lbs. (ASTM D-1682)~~
- ~~(8) Weaving Construction: 10 x 13.5 (ASTM D-3775)~~
- ~~(9) Burst Strength: >600 lbs. (ASTM D-751)~~
- ~~(10) Puncture Strength: >100 lbs. (ASTM D-751 with 5/16 hemispherical tip)~~
- ~~(11) Laminated moisture barrier~~
- ~~(12) UV protected~~
- ~~(13) UV Resistance: > 70% after 2,000 hours (Federal Test Method CCC-T-191, Method 5804)~~

~~ii) Stitching~~~~(1) Chain Stitch~~

- ~~(a) Main Stitching: 3 stitches per inch with 5000 DEN PP Yarn~~
- ~~(b) Each stitching tail individually secured with a knot~~

~~iii) Interconnection~~

- ~~(1) Two or more systems can be interlocked to form a single, continuous system~~
  - ~~(a) Receiving (female) system includes 2' open cell "tail flap" that underlaps next system (NOTE: flap is not included in system dimensions)~~
  - ~~(b) Placing (male) system overlaps open cell and is secured to receiving (female) system via strap and "d" ring and/or strap and Velcro.~~

~~b) Permanent Bag Specifications~~~~i) Configuration~~

- ~~(1) System Shape: isosecles trapezoid prism~~
  - ~~(a) Cross Section Shape: isosecles trapezoid~~
  - ~~(b) Base<sub>1</sub> Shape (top): rectangle~~
  - ~~(c) Base<sub>2</sub> Shape (bottom): rectangle~~
  - ~~(d) Side Facet Shape: rectangle~~
  - ~~(e) Face Shape: isosecles trapezoid~~
- ~~(2) Partitions~~
  - ~~(a) Shape: isosecles trapezoid prism~~
  - ~~(b) Distribution: every 2' along length~~
  - ~~(c) Top Opening: square, centered on base<sub>1</sub>~~
- ~~(3) Last cell cross-partitioned~~
  - ~~(a) Cross-partition Shape: rectangle~~
  - ~~(b) Cross-partitioned at 90 degrees to cell partitions~~
  - ~~(c) Perforated~~
- ~~(4) Open End: base<sub>2</sub> and side faces extend beyond system terminus to create open cradle to receive next system~~

~~ii) Construction~~

- ~~(1) Sides, bottom, and partitions sewn together at each three-panel junction~~
- ~~(2) First cell (prism face) seams consist of 2 panels sewn together~~

- ~~(3) Only opening to cell is through square hole at top~~  
~~iii) Dimensions~~

~~(1) System Dimensions (l x w x h)~~

~~(a) 2' system: 50' x 4' x 2'~~

~~(b) 3' system: 50' x 5' x 3'~~

~~(c) 4' system: 50' x 6' x 4'~~

~~(d) 5' system: 50' x 7' x 5'~~

~~(e) 6' system: 50' x 8' x 6'~~

~~(f) Top Opening: 2' x 2' square, centered~~

~~iv) Measurement and payment~~

~~(1) 2' system (50' x 4' x 2'): LF~~

~~(2) 3' system (50' x 5' x 3'): LF~~

~~(3) 4' system (50' x 6' x 4'): LF~~

~~(4) 5' system (50' x 7' x 5'): LF~~

~~(5) 6' system (50' x 8' x 6'): LF~~

~~3) Construction method High-level steps to install, including time dependencies (if any)~~

~~a) PERMANENT BAG~~

~~i) Excavate site according to design specifications~~

~~ii) Install bag system~~

~~(1) PERMANENT BAG SYSTEMS~~

~~(a) Set sled in place using excavator~~

~~(b) Use excavator to load system into place, detach excavator~~

~~(c) Load system onto sled (requires 3 people)~~

~~(d) Reattach excavator to advance sled during run(s)~~

~~(e) Fill Bags with department provided borrow material~~

~~(f) Backfill wall to lock system in place as being filled~~

~~(g) Repeat steps as needed for each run~~

~~(2) Backfill Barrier system (Work performed by the Contractor using spoil material from excavation, and department provided borrow material)~~

~~Measurement and Payment~~

~~—' Polypropylene Bags will be measured in place, from end to end, and paid at the contract unit price per linear foot for each size. Such price and payment will be full compensation for excavating and backfilling; and for all materials (excluding borrow material), labor, equipment, and other incidentals necessary to complete this work.~~

~~Pay Item~~

~~—' Polypropylene Bags~~

~~Borrow Excavation (Spoil Pit Dunes)~~

~~Pay Unit~~

~~Linear Feet~~

~~CY~~



County: HYDE

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
ROADWAY ITEMS						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	0000910000-N	SP	GENERIC MISCELLANEOUS ITEM FULLY OPERATED DOZER, MINIMUM 100 H.P. AND 9.5' BLADE	30 HR		
0003	0000910000-N	SP	GENERIC MISCELLANEOUS ITEM FULLY OPERATED DUMP TRUCK, MINIMUM OF 14 CY TRUCK	8 HR		
0004	0000910000-N	SP	GENERIC MISCELLANEOUS ITEM FULLY OPERATED EXCAVATOR, MINIMUM 20 METRIC TONS WITH A 1.5 CY BUCKET	30 HR		
0005	0000910000-N	SP	GENERIC MISCELLANEOUS ITEM FULLY OPERATED LOADER, MINIMUM 3 CY HEAPED GP BUCKET	8 HR		
0007	0000920000-E	SP	GENERIC MISCELLANEOUS ITEM BORROW EXCAVATION (SPOIL PIT - DUNES)	14,500 CY		
0008	0000920000-E	SP	GENERIC MISCELLANEOUS ITEM BORROW EXCAVATION (SPOIL PIT - WEST SIDE NC12)	3,000 CY		
0011	2531000000-E	SP	GENERIC GRADING ITEM (SY) FINE GRADE DUNES	30,625 SY		
0012	4413000000-E	SP	WORK ZONE ADVANCE/GENERAL WARNING SIGNING	140 SF		
0013	4455000000-N	1150	FLAGGER	60 DAY		
0014	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	Lump Sum	L.S.	

0859/Jun11/Q48403/D15861580000/E11

Total Amount Of Bid For Entire Project :



05/07/25

CONTRACT:DA00644 WBS PROJECT:18201.1048011

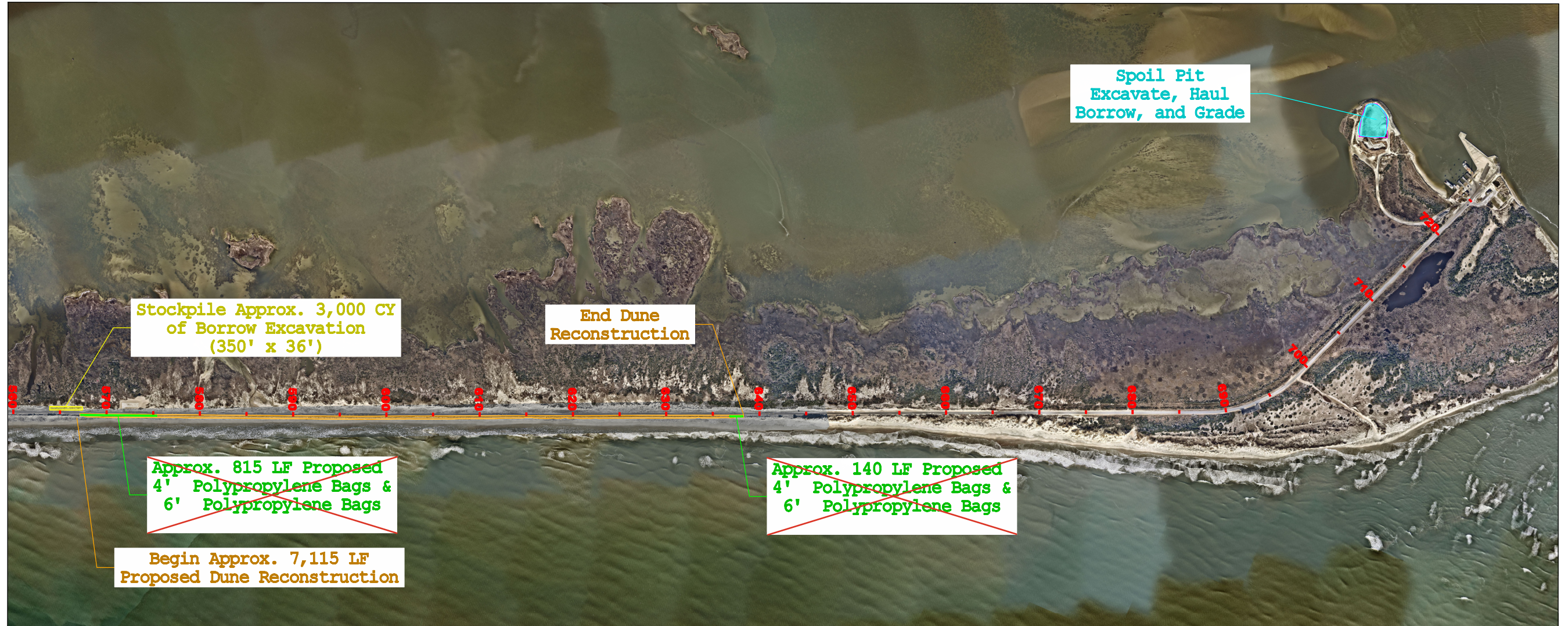
STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
HYDE COUNTY

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	18201.1048011	1
STATE PROJ. NO.		DESCRIPTION
18201.1048011		PE, CONST

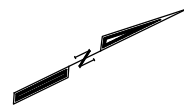
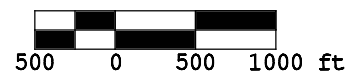
REVISED 06/09/2025

LOCATION: NC 12 (OCRACOE ISLAND)

TYPE OF WORK: BORROW EXCAVATION, ~~INSTALLATION OF POLYPROPYLENE BARRIER~~, DUNE RECONSTRUCTION, & GRADING



GRAPHIC SCALES



PROJECT LENGTH

LENGTH DUNE RECONSTRUCTION = 1.348 MI.  
LENGTH STOCKPILE TO SPOIL PIT = 3.276 MI.

Prepared in the Office of:  
DIVISION OF HIGHWAYS  
113 Airport Dr., Edenton NC, 27932

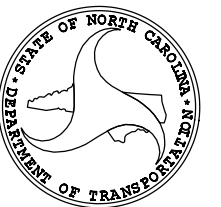
2024 STANDARD SPECIFICATIONS

DIVISION PROJECT TEAM LEAD

M. S. WINSLOW  
DIVISION CONTRACT ENGINEER

T. B. WEEKS  
MAINTENANCE OPERATION SUPPORT TEAM

D. H. STALLINGS  
DIVISION DESIGN ENGINEER





05/07/25

CONTRACT:DA00644 WBS PROJECT:18201.1048011

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS  
HYDE COUNTY

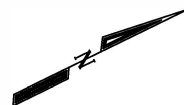
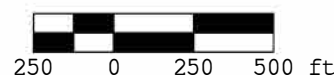
STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	18201.1048011	2
STATE PROJ. NO.		DESCRIPTION
18201.1048011		PE, CONST

REVISED 06/09/2025

LOCATION: NC 12 (OCRACOE ISLAND)  
TYPE OF WORK: BORROW EXCAVATION, ~~INSTALLATION OF POLYPROPYLENE BARRIER~~, DUNE RECONSTRUCTION, & GRADING



GRAPHIC SCALES



PROJECT LENGTH

LENGTH DUNE RECONSTRUCTION = 1.348 MI.  
LENGTH STOCKPILE TO SPOIL PIT = 3.276 MI.

Prepared in the Office of:  
DIVISION OF HIGHWAYS  
113 Airport Dr., Edenton NC, 27932

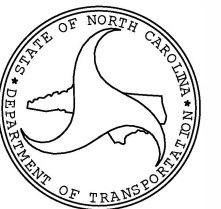
2024 STANDARD SPECIFICATIONS

DIVISION PROJECT TEAM LEAD

M. S. WINSLOW  
DIVISION CONTRACT ENGINEER

T. B. WEEKS  
MAINTENANCE OPERATION SUPPORT TEAM

D. H. STALLINGS  
DIVISION DESIGN ENGINEER



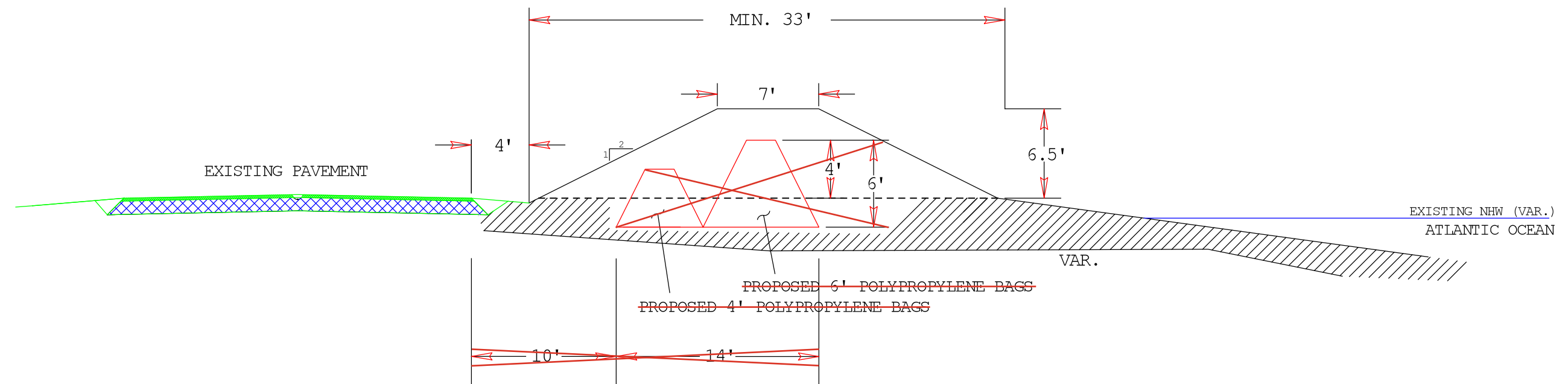


# DUNE RECONSTRUCTION SANDBAG INSTALLATION

## NC 12 OCRACOKE ISLAND OVER WASH SECTION

PROJECT REFERENCE NO.	SHEET NO.
18201.1048011	3

REVISED 06/09/2025



~~\* MATERIAL USED FOR FILLING POLYPROPYLENE BAGS SHALL HAVE BEACH QUALITY CHARACTERISTICS AND SHALL BE APPROVED BY THE ENGINEER PRIOR TO PLACEMENT~~

~~\* POLYPROPYLENE BAGS WILL BE FIELD MEASURED IN-PLACE.~~

\*INSTALLATION OF POLYPROPYLENE BAGS HAS BEEN REMOVED FROM THIS CONTRACT.  
DUNE RECONSTRUCTION SHALL STILL BE PERFORMED WITHIN THE LIMITS OF TYPICAL SECTION A.

### TYPICAL SECTION A

-L- STA. 567+22 TO STA. 575+37  
-L- STA. 636+82 TO STA. 638+22

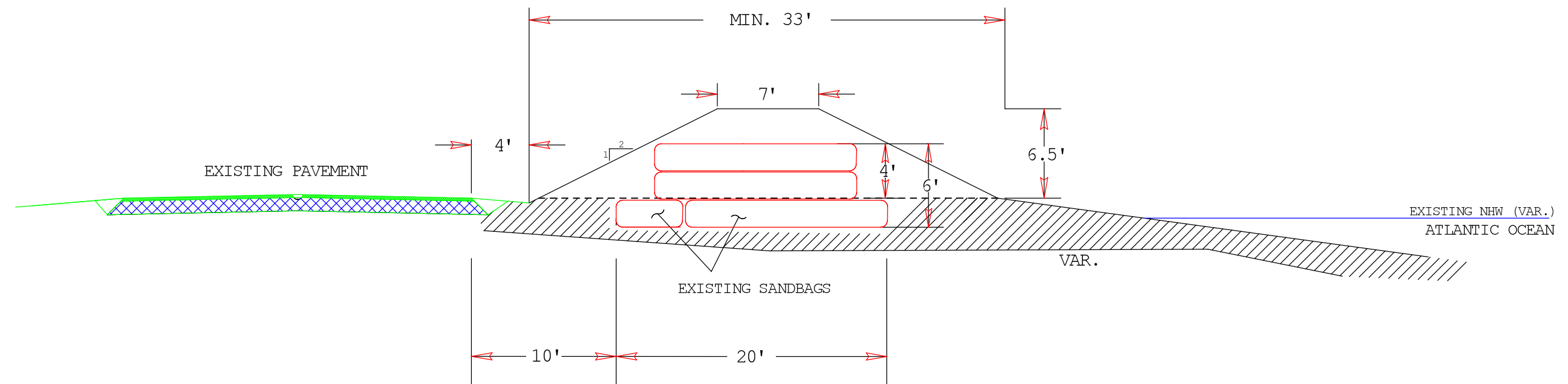
NTS

TBW  
05/05/25

# DUNE RECONSTRUCTION

## NC 12 OCRACOKE ISLAND

### OVER WASH SECTION



\* MATERIAL USED FOR DUNE RECONSTRUCTION  
SHALL HAVE BEACH QUALITY CHARACTERISTICS  
AND SHALL BE APPROVED BY THE ENGINEER  
PRIOR TO PLACEMENT

TYPICAL SECTION B  
-L- STA. 575+37 TO STA. 636+82

NTS

## DREDGE SPOIL SITE

\*Doesn't Represent Current Conditions



PROJECT NO.	SHEET NO.
18201.1048011	5

SUMMARY OF QUANTITIES

										0000910000-N					0000920000-E		0000930000-E		2531000000-E
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	LANES	LENGTH	WIDTH	BEGIN MP	END MP	GENERIC MISCELLANEOUS ITEM FULLY OPERATED DOZER, MINIMUM 100 H.P. AND 9.5' BLADE	GENERIC MISCELLANEOUS ITEM FULLY OPERATED DUMP TRUCK, MINIMUM OF 14 CY TRUCK	GENERIC MISCELLANEOUS ITEM FULLY OPERATED EXCAVATOR, MINIMUM 20 METRIC TONS WITH A 1.5 CY BUCKET	GENERIC MISCELLANEOUS ITEM FULLY OPERATED LOADER, MINIMUM 3 CY HEAPED GP BUCKET	GENERIC MISCELLANEOUS ITEM FULLY OPERATED MOTORGRADER, MINIMUM 12' MOLDBOARD	GENERIC MISCELLANEOUS ITEM BORROW EXCAVATION (SPOIL PIT - DUNE)	GENERIC MISCELLANEOUS ITEM BORROW EXCAVATION (SPOIL PIT - WEST SIDE NC 12)	4' POLYPROPYLENE BAGS	6' POLYPROPYLENE BAGS	GENERIC GRADING ITEM FINE GRADE DUNES
						MI	FT			HR	HR	HR	HR	HR	CY	CY	LF	LF	
18201.1048011	Hyde	1	NC-12	Overwashed Section From STA 567+25 To STA 638+22	2	1.35	24	10.74	12.09	30.00	8.00	30.00	8.00	8.00	14,500.00	3,000.00	955.00	955.00	30,625.00
TOTAL FOR PROJ NO. 18201.1048011						1.35				30.00	8.00	30.00	8.00	8.00	14,500.00	3,000.00	955.00	955.00	30,625.00