

February 21, 2020

Ms. Janet Anderson Town Manager Town of Islesboro PO Box 76 Islesboro, ME 04848 Manager@townofislesboro.com

Re: The Narrows, Main Road Reconstruction Project Summary

Dear Ms. Andersen,

CES, Inc. (CES) is pleased to provide this report summarizing the project solution, draft construction plans and material quantity list for The Narrows, Main Road Reconstruction Project in the Town of Islesboro, Maine. Please find below, a quick explanation of the project goals and our design methodology including explanations of the resulting, expected:

- Construction Methods;
- · Permitting requirements;
- Schedule; and
- Materials Quantity List.

Project Background

The Site is limited to a 1,500-foot-long portion of Main Road, which runs through "The Narrows", a narrow strip of land that is bordered by tidal waters on both sides. "The Narrows" represents the only land-based access between the southern and northern portions of the island and will be vulnerable to increased periods of impeded vehicular and pedestrian access caused by a rise in sea-levels.

Islesboro's airport, MDOT Ferry Terminal and emergency response stations are all located on the southern portion of the Island, so maintaining access over Main Road is crucial to maintaining public safety for the inhabitants of the northern portion of the island. A report was completed in 2017 entitled "Present and Future Vulnerability to Coastal Flooding at Grindle Point and The Narrows" (The Report) prepared by Ransom Consulting Engineers and Scientists. The Report includes discussions about probable increases in minor, moderate and severe consequences due to the anticipated rise in sea-level over the next century. It also discusses possible actions that may counteract the impact of sea-level rise, including raising the minimum elevation of the roadway.

Town of Islesboro | 2.21.2020 | 12769.001 | Page 1





Project Goal

The goal of the project is to raise the minimum elevation of Main Road, through "The Narrows" in an effort to maintain the current low risk level associated with minor, moderate and severe consequences (i.e., losing access over Main Road due to coastal flooding and/or road damage) resulting from rising sea-levels over time. Based information in The Report, it can be concluded that raising Main Road's minimum elevation by 2-feet will likely maintain the current risk levels.

Project Methodology

CES, Inc. conducted an in-the-field survey of the project area collecting existing horizontal and vertical features associated with Main Road and adjacent areas. Additionally, a field investigation to identify and delineate protected natural features, such as wetlands was conducted. The resulting information was processed and compiled into an Existing Conditions Base Plan. When reviewing the Base Plan, it was evident that the lowest elevation of the Main Road was approximately 10 feet and this elevation was present in more than one area. Given the conclusions taken from The Report we created a proposed vertical alignment over the existing vertical alignment down the apparent center of the roadway. The resulting profile limited the project area to approximately 1,500 linear feet.

The proposed vertical alignment establishes an overall minimum elevation of 12 feet and an average maximum elevation of 13 feet along the project length. There are transition slopes at either end of the project to tie into the existing roadway. The design utilizes minimum 1 percent slopes along the centerline and a roadway crown of approximately 2 percent to minimize flat areas and promote drainage away from the travel surface.

The roadway design does not propose to change the horizontal layout of the road, or its width. We do expect some impact on existing wetland areas, as the overall footprint of the disturbed area will increase due to the rise in elevation. The rise in elevation will also require a proportional rise in elevation for the existing large stone revetments along the east side of the project area. The impacts to wetland and the revetments will require certain State and Federal permitting.

Construction Methods

Major construction tasks for the project will include:

- Grinding/pulverizing of the existing pavement into the road's sub-base gravel layer to produce a reclaimed sub-base gravel for use in the new roadway construction;
- Placement and compaction of new sub-base gravel to establish new roadway base for paving;
- Add large stone to existing revetment walls;
- Replace existing culvert;
- install and stabilize drainage outlets and sideslopes;
- Install and compact new pavement; and







Finalize transitions between pavement and new and existing gravel/stone features.

Expected Permitting Requirements

Due to the proposed impact of coastal wetlands adjacent to Main Road, the Town will be required to obtain a Natural Resources Protect Act (NRPA) Individual permit from the Maine Department of Environmental Protection (MDEP). The current application fee for this permit is \$529.00. The MDEP has also informed us that there may be a compensation fee of approximately \$2,900.00 associated with the permit, because a portion of the wetlands that will be impacted may be defined as marshlands.

The proposed rise in elevation to the large, stone revetment wall on the southern end of the project will require permission from the United States Army Corps of Engineers, as they installed the wall in the mid-1980's. Since they no longer maintain or inspect the wall, this process is not expected to include an extensive review process.

CES is currently preparing preliminary application narratives and exhibits in preparation for submittal of the project to the MDEP and USACE. Submittal of permit applications will not occur until the Town is comfortable with funding for this project. Application processing may take up to 120 days. The processing fee for this activity will be. The wetland impact fee will be approximately \$2,900.00

Draft Project Schedule

The proposed start date for this project is dependent upon successful funding efforts, preferred time of year and permitting. Below, we have included a discussion of the expected lead times for permitting and bidding and a typical construction schedule to better prepare the Town for finalizing a project schedule.

Lead Time:

It is expected that application materials could be submitted to the MDEP and USACE within two (2) weeks of notification to proceed. The review and processing of the permit application may take 120 days and is dependent upon the review agencies. Additionally, a public bid process to choose a contractor and finalize a contract for work is expected to take up to two months. Any construction work can not start until all permits are in-hand.

Given this information, we suggest that the Town consider the time of year they would prefer the construction to occur and work backward from there. We suggest that the permit applications be submitted at least 4 months prior to the desired start date and that public bidding process start at least 2 months prior.





Typical Construction Schedule:

Assuming a start date of the second week in May (of any given year) and a construction duration of approximately 2 months, we have prepared the following chart:

| DESCRIPTION | DATE (TIME FRAME) | DURATION |
|--------------------------------|-------------------|-----------|
| Mobilization | Mid-May | Week 1 |
| Establishing Erosion Control | Mid-May | Weeks 1-2 |
| Establishing Traffic Control | Late-May | Weeks 2-8 |
| Pavement Grinding | June | Week 3 |
| Culvert/Drainage Work | June | Week 4 |
| Gravel installation/compaction | June | Weeks 4-6 |
| Sea Wall work | June | Week 6 |
| Paving | July | Week 7 |
| Final Grading/Stabilization | July | Week 8 |
| De-Mobilization | July | Week 8-9 |

Material Quantity Table

Please find attached, a Material Quantity Table that can be used for pricing by a contractor. We have also included a table that has common pricing per unit included. These costs do not include any multipliers that would be necessary to account for the island location of the project.

Preliminary permitting application materials are currently being finalized for this project and will be in our files to efficiently assist the Town with the permitting process, once it is decided to move ahead with that work. It is our pleasure to work with the Town to create this important design to better protect access throughout the island for the next 50 to 100 years. Please let us know if you have any questions or requests regarding the information provided.

Sincerely, CES, Inc.

Jon H. Whitten, Jr., P.E

Project Manager





12769.001 - Town of Islesboro The Narrows, Main Road - Material Quantity Table 02.21.2020

| Item No. | Description | Uni | Unit Cost | | QTY | Amount | |
|----------|-----------------------------------|-----|-----------|-------|------|--------|-----|
| 1 | Mobilization | \$ | ~ | LS | 1 | \$ | - |
| 2 | Temporary Erosion Control | \$ | - | LS | 1 | \$ | - |
| 3 | Quality Control/Quality Assurance | \$ | - | ALLOW | 1 | \$ | - |
| 4 | Site Preparation | \$ | 1.00 | LS | 1 | \$ | - |
| 5 | Traffic Control | \$ | - | LS | 1 | \$ | - |
| 6 | MDOT Type A Base Gravel , 6" | \$ | - | CY | 660 | \$ | - |
| 7 | MDOT Type D Sub-Base Gravel , 24" | \$ | - | CY | 3100 | \$ | - |
| 8 | 19 mm Binder Pavement, 2.5" | \$ | - | SY | 3675 | \$ | (2) |
| 9 | 9.5mm Surface Pavement, 1.5" | \$ | - | SY | 3700 | \$ | - |
| 10 | Pavement Grinding/Pulverizing | \$ | - | SY | 3700 | \$ | - |
| 11 | Roadway Geotextile | \$ | | SY | 3675 | \$ | - |
| 12 | Pavement Striping | \$ | 1- | LF | 6080 | \$ | - |
| 13 | 12-Inch HDPE Culvert | \$ | - | LF | 43 | \$ | - |
| 14 | Rip Rap | \$ | - | CY | 850 | \$ | |
| 15 | 4-Inch Loam | \$ | 24 | CY | 240 | \$ | 100 |
| 16 | Seed and Mulch | \$ | - | UNIT | 20 | \$ | - |

| Construction Subtotals | \$ - |
|--|----------|
| 20% Contingency | \$ - |
| Construction Administration & Inspection | \$ 12 |
| 10% Engineering Fees | \$ - |
| Total Improvements | \$ |



12769.001 - Town of Islesboro
The Narrows, Main Road Reconstruction DRAFT Cost Estimate 02.21.2020

| Item No. | Description | Unit Cost | Unit | QTY | Amount |
|----------|-----------------------------------|-----------------|-------|------|-----------------|
| 1 | Mobilization | \$ 18,000.00 | LS | 1 | \$ 19,500.00 |
| 2 | Temporary Erosion Control | \$ 10,000.00 | LS | 1 | \$ 10,000.00 |
| 3 | Quality Control/Quality Assurance | \$ 5,000.00 | ALLOW | 1 | \$ 5,000.00 |
| 4 | Site Preparation | \$ 5,000.00 | LS | 1 | \$ 5,000.00 |
| 5 | Traffic Control | \$ 10,000.00 | LS | 1 | \$ 10,000.00 |
| 6 | MDOT Type A Base Gravel , 6" | \$ 35.00 | CY | 660 | \$ 23,100.00 |
| 7 | MDOT Type D Sub-Base Gravel , 24" | \$ 30.00 | CY | 3100 | \$ 93,000.00 |
| 8 | 19 mm Binder Pavement, 2.5" | \$ 20.00 | SY | 3675 | \$ 73,500.00 |
| 9 | 9.5mm Surface Pavement, 1.5" | \$ 15.00 | SY | 3700 | \$ 55,500.00 |
| 10 | Pavement Grinding/Pulverizing | \$ 12.00 | SY | 3700 | \$ 44,400.00 |
| 11 | Roadway Geotextile | \$ 2.50 | SY | 3675 | \$ 9,187.50 |
| 12 | Pavement Striping | \$ 0.20 | LF | 6080 | \$ 1,216.00 |
| 13 | 12-Inch HDPE Culvert | \$ 100.00 | LF | 43 | \$ 4,300.00 |
| 14 | Rip Rap | \$ 50.00 | CY | 850 | \$ 42,500.00 |
| 15 | 4-Inch Loam | \$ 60.00 | CY | 240 | \$ 14,400.00 |
| 16 | Seed and Mulch | \$ 100.00 | UNIT | 20 | \$ 2,000.00 |

| Construction Subtotals | \$ 412,604 |
|--|---------------|
| 20% Contingency | \$ 82,521 |
| Construction Administration & Inspection | \$ 5,000 |
| 10% Engineering Fees | \$ 26,250 |
| Total Improvements | \$ 526,374 |

THE NARROWS, MAIN ROAD RECONSTRUCTION PROJECT

ISLESBORO, MAINE



INDEX OF DRAWINGS

G101 GENERAL NOTES AND LEGEND

C201 PLAN AND PROFILE STA 0+00 TO 11+00 C202 PLAN AND PROFILE

C501 DETAILS



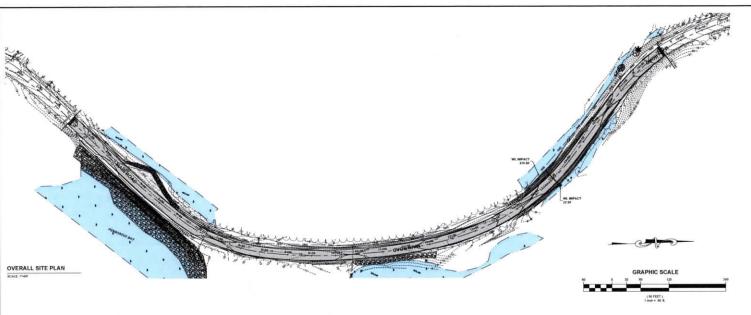
ISSUED FOR CLIENT REVIEW FEBRUARY 14, 2020



ENGINEERS • ENVIRONMENTAL SCIENTISTS • SURVEYORS

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| SILT FENCE | ** | |
| TREELINE | | |
| BOADWAY / BIDEWALK | | |
| GRAVEL SURFACE | | 202 |
| GRAVEL SURFACE | | |

GENERAL CONSTRUCTION NOTES

- 1 THIS PROJECT GENERALLY CONSISTS OF THE RECONSTRUCTION OF APPROXIMATELY 1,350 LF OF ROADWAY AND RAF HAP GEA MARKER FOR MAIN ROAD THROUGH "THE MARKEWEF" IN THE TOWN OF SEESOND, MAIN. PROVIDE AND REPORT OF SET ONLY OF SECOND CONTROL. THAT PECCHANGE AND ONTHE WORLD AS PROFILED AND APPLIETMENT SET ONLY OF APPLIETMENT SET ONLY OF SET ONLY OF
- 2 CONTRACTOR TO PROVIDE OWNER AND ENGINEER WITH A WORK PLAN OUTLANING THE WORK SCHEDULE, TRAFFIC CONTROL PLAN, AND WORK AREA BARRICADING PLAN TO BE APPROVED BY THE OWNER AND ENGINEER PRICE TO CONSTRUCTION.
- AREA COST SHALLS ARE SECRETARY TO THE PRICIPITY CONTRACTOR TO PROVIDE A COPY OF THE WORLD TO THE OWNER AND ENGINEER.
- THE CONTRACTOR BULL COORDINATE ALL CONSTRUCTION WITH THE TOWN OF BLESSORO, UTLIFY COMMAND TO CAMP, ESPECIALLY COMMAND AND ADMINISTRATION OF BLESSORO, UTLIFY COMMAND TO CAMP AND ADMINISTRATION OF ALL SURED UTLIFFEE. CONTRACTOR SHALL ALSO CONTRACT TIES SHET. THE FROM TO SET ON SEED CASH. SERVICE OF ANY CAMPOSITY OF STATEMENT OF SHALL ALSO CONTRACT TIES SHET. THE PROME TO SET ON SERVICE AND CAMPOSITY OF THE PROMET.
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- WORK AS REDICATED ON THE DRAWNUS AND IN THE SPECIFICATIONS. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL CODES.
- 7. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS. PERMIT APPLICATION
- 8 THE CONTRACTOR SHALL SUPREVISE AND RESPECT THE WORK OF THIS PROJECT IN AN EFFICIENT AND COMPITENT MANUER. THE CONTRACTOR SHALL BE SOLES Y REPONSIBLE FOR THE MANUE, METHODS. THORWASH, SEGUENCES, AND PROCEDURATES USED TO COMPLETE THE WORK, THE CONTRACTOR SHALL BE RESPONSIBLE FOR BUSINESS THE WORK BY A ACCOMMENCE WITH THE CONTRACT DOCUMENTS. A REFRESENTATIVE OF THE GREEKAL CONTRACTOR MAIL SEPRESSITE DURING ALL PROSECTS USERNOW, A REPRESENTATIVE OF THE GREEKAL CONTRACTOR MAIL SEPRESSITE DURING ALL PROSECTS USERNOW, A REPRESENTATIVE OF THE GREEKAL CONTRACTOR SHALL SEPRESSITE DURING ALL PROSECTS USERNOW, A REPRESENTATIVE OF THE GREEKAL CONTRACTOR SHALL SEPRESSITE DURING ALL PROSECTS USERNOW, A REPRESENTATIVE OF THE GREEKAL CONTRACTOR.
- 8 SAFETY IS THE REPORTBELTY OF THE CONTRACTOR, PERFORM ALL WORK IN ACCORDANCE WITH SAFETY STAMMANDED OF APPLICABLE LAWE, BRUIND AND CONSTRUCTION COORSE. THE MANAGE OF ACCORDANCE LAWE, BRUIND AND CONSTRUCTION FOR ACCORDANCE OF CONTRACTORY FURLISHED BY THE ASSOCIATED COMPANY, CONTRACTORS OF ARRENCE. THE REDUREMENTS OF THE COURTANCE OF THE ARRENCE THE RESIDENCE OF THE ARRENCE THE ACCORDANCE OF THE ACCORDANCE
- THE LOCATIONS OF ALL PROPERTY LINES AND RIGHT OF WAYS ARE APPROXIMATE (SHOWN FOR REFERENCE ONLY), LINESS NOTED OTHERWISE. PROPERTY LINES AND RIGHT OF WAYS SHOWN ARE NOT INTENDED TO REPRESENT LEGAL DOWNDARRS.
- 11 THE LOCATION TYPE AND SEE OF EXISTING PPES, DUCTS, CONDUITS AND OTHER UNDERGOLARD STRUCTURES. INCINN ON the DRAWMOSS ARE NOT WARRANTED TOR EXCENT FOR IS IT WARRANTED THAT ALL UNDERGOLARD STRUCTURES ARE SHOWN. CONTAINED ON THE COMMITTEEMED OF CONSTRUCTION. DEPTH OF SERVICES ARE UNRINGN AND SHALL BE RED VERSIFED BY THE CONTRICTOR. SECONATION ITSET FITS A RECEIVED ANY TO VERY PUBLIF LOCATION. REGIO DEPTHS SHALL BE RECORDATED.
- 12. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING TOPOGRAPHY AND EXISTING CONDITIONS PRIOR TO CONSTRUCTION.
- 13. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING PIPE SIZES, INVERTS, AND LOCATIONS, AND SHALL INCLUDE IN SUBMITTAL PHOR TO ORDERING.
- 44. LAYOUT OF THE PROJECT IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE APPROVED BY THE PROSPECT CONTRACTOR SHALL BE RESPONSIBLE FOR ALL GAZIE AND LAYOUT CONTROL. JAFOUT MICH. DE PROFOSIE DESTRUCTION OF THE PROPERTY OF A CONTROL SHAPPORT A CASE THE WALL BE AVAILABLE.
- 15. THE WORK SHALL INCORPORATE ERGSION CONTROL NEASURES WHICH ARE COMPLIANT WITH THE LATEST VERSION OF "MARINE ERGSION AND SEDIMENT CONTROL HANDBOOK FOR CONSTRUCTION. BEST MANAGEMENT PRACTICES."
- 16. CONTRACTOR SHALL SE REQUIRED TO PROVIDE BUST CONTROL FOR PROJECT WHICH CAN INCLUDE, BUT IS NOT LIMITED TO, WATER AND CALCELY CHI, ORDE. COST IS INCIDENTAL TO THE PROJECT.
- 11. RESTRICT ACCESS TO SITE THROUGH THE USE OF APPROPRIATE SIGNADE, GATES, BARRIERS, FENCES, ETC. ST SHALL BE LEFT WITH APPROPRIATE SAFTY MAGALINE IN PACKE GUARNO GANNORMON GHOUSE IN OTSESSORY SHALL BE LEFT ONE DURNON HOW AND READ HOUSE.
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- 18. HOURS FOR THE PROJECT WILL BE MCHOAY THROUGH FREIAY, FROM 7:00 AM TO 7:00 PM, UNLESS OTHERWISE AUTHORIZED BY THE OWNER.

- 16 CONTRACTOR SHALL PERFORM ALL CONSTRUCTION ACTIVITÉS RELATED TO THE REGISTE WHICH THE COMPRES OF THE ROUT OF UNIFORM TO THE STREETS AND UTILITY AGAINSTMENTS. ANY ACTION'S MATERIAL ETCHAGE ETC. TAKING PLACE ON PRIVATE PROPERTY SHALL BE WITH THE EXPRESS WRITTES PERMISSION OF THE OWNER MON PROPERTY OWNERS AND COORDINATED WITH THE CONSER. WARR, GUITSED OF THE OWNER MON PROPERTY OWNERS AND COORDINATED WITH THE CONSER. WARR, GUITSED OF THE THE CONTRACTOR OF THE PROPERTY OWNERS AND COORDINATED WITH THE CONSER. WARR, GUITSED OF THE THE PROPERTY OF THE PROPERTY OWNERS AND COORDINATED WITH THE CONSER. WARR, GUITSED OF THE THE PROPERTY OF THE PROPERTY OWNERS AND COORDINATED WITH THE CONSER. WARR, GUITSED OF THE THE PROPERTY OF THE PROPERTY OWNERS AND COORDINATED WITH THE PROPERTY OWNERS.
- DO NOT PARK, IMPEDE ACCESS TO, OR STORE EQUIPMENT ON ADJACENT TOWN OR PRIVATELY OWNER. LOTE, URLESS PERMISSION HAS BEEN GRAVITED IN WRITING BY TOWN AND/OR LAND CHAPER.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT EQUIPMENT FLUIDS FROM REACHING ANY WATER COURSE. ANY BRACKERTENT FLUID DISCHARGES SHALL BE IMMEDIATELY CLEANS
- 22 CONTRACTOR SHALL BACKFEL TRENCH FOLLOWING EACH DAYS CONSTRUCTION NO OPEN TRENCHES WAL SE ALLONGO OVERHORT UNLESS APPROVED BY ENGINEER AND PROPERLY PARRICANCE DIE. SHOW FINCING, ORAN UNK FINCING, SERSY MARRIES OR APPROVED SOLL CAUTION RESOL AND GEORMENT PLACEMENT WILL NOT SE APPROVED AS BARRICADING, CONTRACTOR IS RESPONSIBLE TO MAINTAIN TREATH AS DESCRIPTION IN THE REGISSIER.
- 23 ALL FINISH SURFACES SHALL BE INSTALLED TO PROMOTE POSITIVE DRAINAGE. IN NO WAY SHALL THE NEW FINISH SURFACES CREATE GRAINAGE PROSLEMS THAT DID NOT EXIST PRIOR TO CONSTRUCTION.
- IF REQUIRED, CONTRACTOR SHALL CONTACT LITELTY POLE OWNERS ADJACENT TO AREAS OF EXCAVATION TO ARRANGE POLE SUPPORT BURNING EXCAVATION, BRACING OF UTILITY POLES WHERE REQUIRED SHALL ARRANGE POLE SUPPORT BURNING EXCAVATION, BRACING OF UTILITY POLES OF THE RESULT SHALL BE ARRANGED HALL.
- BE INCIDENTAL TO THE PROJECT AND NO SEPARATE PAYMENT SHALL BE MADE UNLESS OTHERWISE NOTED
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- CURBS, PARKING SURFACES AND LAVAILS DAMAGED BY THE CONTRACTOR SHALL BE INCIDENTAL TO I PROJECT
- CONSTRUCTION THE ASSOCIATED COSTS ARE INCIDENTAL TO THE PROJECT
- CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE OWNER HAS THE FIRST RIGHT AND REPUSA FOR ANY DEMOLITION MATERIALS.
- 20 DISPORAL OF RURFILLS DOS, MATERIAL DIALL SET THE RESPONSIBILITY OF THE CONTRACTOR. SURFILL MATERIAL PRICE DISPOSED OF ON THE PROJECT SETS. DESPOSAL SHALL SE MADE ONLY AT PRASTA AREAS WHICH ARE LICENSED TO ACCEPT SUCH MATERIALS, LIALESS THE MATERIAL IS ACCEPTABLE FOR MOSE AS FILL. IN OTHER AREAS OF THE PROJECT THE COMMENT AND THE PRIST ROSE AND SECURAL FOR MOSE AS FILL.
- 20 CONTRACTOR SHALL MARKEN TRAFFC IN A SAFE MARKER AT ALL TIMES DURING CONSTRUCTION. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MARKING CONTRACTOR TRAFFC FLOW DURING CONSTRUCTION. THE ROADS SHALL NOT BE CLOSED TO TRAFFIC WITHOUT PERMISSION FROM THE TOW.
- 31 DRIVEWAY APRICKS SHALL BE PAVED TO MATCH PROPOSED ROADWAY. APROX DIMENSIONS SHALL BE APPROVED BEFORE PAVING. APROX AREAS SHOWN ON THE PLANS ARE APPROXIMATE.
- PROPERLY PROTECT AND DO NOT DISTURB PROPERTY IRONS AND MORNMENTS. IF DISTURBED, THE PROPERTY MORNMENT WILL BE RESET AT THE CONTRACTOR'S EXPENSE, BY A REGISTERED LAND SURVEYOR APPROACE BY THE BOADHER.
- 34. THE CAMER REQUIRES THAT UPON COMPLETION OF CONSTRUCTION, A COMPLETE SET OF "AS-BUILD" DIAWAYNING THAT RETLICT ANY AND ALL INCOPREATIONS WITHIN THE PUBLIC ROUT OWAY BE SUBMITTED TO THE TOWN OF SIZESFORD, THESE CONMINIOR SHALL BE SUBMITTED IN BOTH DUSTAL CASE DRAWNING.

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SURVEY NOTES

- 1. FIELD SURVEY PERFORMED BY CES, NC. ON MAY 5, 2019 AND MAY 7, 2016.
- 2 HORZONTAL DATUM BASED ON MAINE STATE PLANE EAST ZONE, NORTH AMERICAN VERTICAL DATUM OF 1963 HARRS).
- VERTICAL DATUM IS BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVDIRI)

| 05.10 | THE NARROWS, MAIN ROAD RECONSTRUCTION ISLESBORO, MAINE | | 3.0 | OVERALL PLAN AND GENERAL NOTES | | | | |
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