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EXHIBIT 1

GENERAL CONDITIONS OF CONTRACT

[Part 4 of RFP to be attached]

EXHIBIT 2

TECHNICAL REQUIREMENTS

[Part 2 of RFP to be attached]

EXHIBIT 3

DIVISION I AMENDMENTS

[Part 5 of RFP to be attached]

EXHIBIT 4

DESIGN-BUILDER'S PROPOSAL

[To be attached]

EXHIBIT 5
EARLY WORK SCOPE DOCUMENT

[To come]

EXHIBIT 6

INTERIM MILESTONE DATES

[To come, if applicable]

EXHIBIT 7

FORM OF RELEASE OF ALL CLAIMS

[To be attached]

EXHIBIT 8

ITEMS FOR ADJUSTMENT

[To come]

EXHIBIT 9

PRICE ADJUSTMENT FOR ASPHALT

[To be attached]

EXHIBIT 10

PRICE ADJUSTMENT FOR FUEL

[To be attached]

EXHIBIT 11

PRICE ADJUSTMENT FOR STEEL

[To be attached]

EXHIBIT 12

REQUIRED INSURANCE

1. Insurance to be Maintained by Design-Builder

A. Insurance Coverages Required for LNTP

[To come]

B. Insurance Coverages Required for NTP

The Design-Builder shall obtain and maintain, with the Department and the HRTAC Parties as additional insureds (except as otherwise set forth below), the following insurance coverages during the performance of the Work. Policy coverage limits may be achieved through a combination of insurance policies (e.g., primary and/or excess).

(a) **Workers' Compensation and Employer's Liability Insurance** with statutory workers' compensation (Coverage A) limits and employer's liability (Coverage B) limits of at least \$1 million bodily injury by accident, each accident, and \$1 million bodily injury by disease, each employee. Coverage will be extended, if needed, to cover any claims under the United States Longshore and Harbor Workers' Compensation Act (33 U.S.C. §§ 901-950) and the Jones Act (46 U.S.C. § 30104). Each of the Department and the HRTAC Parties shall be named as an "alternate employer" on the policy.

(b) **Commercial General Liability Insurance** including coverage for premises and operations, independent contractors, personal injury, product and completed operations, explosion, collapse and underground, and broad form contractual liability of limits of at least \$2 million per occurrence and \$4 million annual aggregate applicable on a per project basis. The Department is to be named as an additional insured on a primary, non-contributory basis. Completed operations coverage shall continue to be carried for a period of at least five (5) years after Final Acceptance.

(c) **Automobile Liability Insurance** with a limit of at least \$2 million combined single limit for bodily injury and property damage covering all owned (if any), non-owned, hired, or borrowed vehicles on site or off. The Department and the HRTAC Parties are to be named as additional insureds on a primary, non-contributory basis.

(d) **Umbrella/Excess Liability Insurance** in excess of the underlying limits noted above for employer's liability, commercial general liability, and automobile liability in the amount of \$200 million per occurrence and in the aggregate. The Department and the HRTAC Parties are to be named as additional insureds on a primary, non-contributory basis.

(e) **Builder's Risk Insurance** on an "all risks" basis for physical loss, destruction, or physical damage to the Work. The Builder's Risk insurance will cover the Design-Builder, the Department, and other Subcontractors of all tiers prior to Final Acceptance; *provided*, that the limits of such coverage may be based on a maximum probable loss analysis, as determined by an experienced third-party and subject to the Department's approval of such maximum probable loss analysis. In no event will the limits of such coverage be less than \$350 million. Further, the policy shall include sub-limits as follows: (i) at least \$25 million for off-site storage and transit; (ii) at least \$100 million for debris removal and demolition; and (iii) at least \$10 million for increased costs of construction, soft costs (including the Department's continuing project administration expenses), professional fees and loss adjustment expenses. The policy also will include replacement cost coverage for materials, supplies, equipment, machinery, and fixtures that are or will be part of the Project. Coverage will include, but not be limited to, the following:

- (i) right to partial occupancy;
- (ii) London Engineering Group (LEG) 3 type or equivalent coverage for design error, faulty workmanship, and/or faulty materials;
- (iii) earthquake;
- (iv) earth movement (including subsidence, sinkhole, and collapse);
- (v) flood;
- (vi) windstorm;
- (vii) fire and explosion;
- (viii) theft, vandalism, and malicious mischief;
- (ix) transit;
- (x) temporary and permanent works; and
- (xi) expediting expenses.

The Builder's Risk Insurance must be in place, at the latest, by NTP, *provided* that if the Builder's Risk Insurance is not in place on the Agreement Date, Design-Builder shall submit to the Department on or before the Agreement Date:

(A) a letter of certification from the Design-Builder or the Design-Builder's insurance broker confirming that Builder's Risk Insurance compliant with the requirements contained herein will be placed prior to NTP; and

(B) a specimen Builder's Risk Insurance policy with all appropriate attachments, sub-limits, etc. and any maximum probable loss analysis.

(f) **Contractor's Equipment** to include "all-risk" insurance covering all risk of physical damage to equipment[, including tunnel boring machinery, provided for use at the Project Site by the Design-Builder and its Subcontractors, whether leased, rented, borrowed, or used at the Project Site, unless covered under the builder's risk policy described above. Such coverage shall have minimum limits equal to the replacement cost of such equipment unless the Department approves lower minimum limits.

(g) **Contractor's Pollution Liability Insurance** on a project-specific basis to indemnify for bodily injury, property damage, cleanup/remediation costs or other amounts which the Design-Builder, its employees, its agents, or its Subcontractors are legally obligated to pay arising out of the Work, any transit and/or disposal at non-owned disposal sites. Such insurance will have minimum limits of \$10 million any one claim and in the aggregate and will remain in full force and effect for the period of the Work and a five (5) –year extended reporting period after Final Acceptance. The Department is to be named as an additional insured on a primary, non-contributory basis. The Contractor's Pollution Liability Insurance must be in place, at the latest, by NTP, *provided* that if the Contractor's Pollution Liability Insurance is not in place on the Agreement Date, the Design-Builder shall submit to the Department on or before the Agreement Date:

(i) a letter of certification from the Design-Builder or the Design-Builder's insurance broker confirming that Contractor's Pollution Liability Insurance complies with the requirements contained herein will be placed prior to NTP; and

(ii) a specimen Contractor's Pollution Liability Insurance policy with all appropriate attachments, sub-limits, etc.;

provided further that if Design-Builder intends to conduct any on-site drilling prior to NTP, the Contractor's Pollution Liability Insurance must be in place prior to such on-site drilling. The Design-Builder shall also, if appropriate, provide coverage for marine operations and for liabilities under the Oil Pollution Act of 1990 (33 U.S.C. §§ 2701-2762) and the Comprehensive Environmental Response, Liability, and Compensation Act (42 U.S.C. §§ 9601-9675) either under the Contractor's Pollution Liability Insurance policy required herein or the Marine Protection and Indemnity Insurance required in paragraph (g) below.

(h) **Marine Protection and Indemnity Insurance** on a project-specific basis providing protection and indemnity coverage with respect to bodily injury or property damage arising from marine operations, including damage to piers, wharves, other fixed or movable structures, and loss or damage to any other vessel, craft, or property on such other vessel or craft. Such insurance will have minimum limits of \$50 million in the aggregate. The Department and the HRTAC Parties shall be named as additional insureds on a primary, noncontributory basis.

(i) **Ocean Cargo Transit Insurance** if any property, materials or equipment intended to be used in connection with the Work or the Project which are valued in excess of \$500,000 are to be shipped by sea. The Design-Builder shall provide coverage in an amount of

not less than the full replacement value per occurrence of the property, materials or equipment being shipped.

(j) **Railroad Protective Liability Insurance**, as may be required by any railroad in connection with Work across, under or adjacent to the railroad's tracks or railroad right-of-way.

(k) **Professional Liability Insurance** on a project-specific basis covering the Design-Builder's and Design Consultant's liability for acts, errors, or omissions arising in connection with the Work, for not less than \$35 million any one claim and in the aggregate. Such insurance, which may be purchased and maintained by the Design Consultant or the Design-Builder itself, will remain in full force and effect during the performance of the Work and for a period of five (5) years after Final Acceptance. The Department and the HRTAC Parties are to be named on any such policies as indemnified parties.

2. Insurance to be Maintained by Subcontractors

A. Insurance Coverages Required for LNTP

[To come]

B. Insurance Coverages Required for NTP

Unless otherwise provided as part of a contractor controlled insurance program maintained by the Design-Builder, the Design-Builder will cause all Subcontractors performing any portion of the Work to obtain and maintain the following minimum insurance coverages or be responsible for maintaining such coverages on behalf of each Subcontractor.

(a) **Workers' Compensation and Employer's Liability Insurance** with statutory workers' compensation (Coverage A) limits and employer's liability (Coverage B) limits of \$500,000 bodily injury by accident, each accident, and \$500,000 bodily injury by disease, each employee. Coverage will be extended, if needed, to cover any claims under the United States Longshore and Harbor Workers' Compensation Act (33 U.S.C. §§ 901-950) and the Jones Act (46 U.S.C. § 30104).

(b) **Commercial General Liability Insurance** including coverage for premises and operations, independent contractors, personal injury, product and completed operations, explosion, collapse and underground, and contractual liability. Minimum limits for Subcontractors with contracts valued at less than or equal to \$1 million shall have the minimum limits of no less than \$1 million per occurrence and \$1 million in the aggregate annually. For those Subcontractors with contracts valued at greater than \$1 million, such coverage shall have limits of no less than \$1 million per occurrence and \$2 million in the aggregate annually. The Design-Builder, the Department and the HRTAC Parties are to be named as additional insureds on a primary, non-contributory basis.

(c) **Automobile Liability Insurance** with a limit of at least \$500,000 combined single limit for bodily injury and property damage covering all owned (if any), non-owned, hired, or borrowed vehicles on site or off. The Design-Builder, the Department and the HRTAC Parties are to be named as additional insureds on a primary, non-contributory basis.

(d) **Umbrella/Excess Liability Insurance** in excess of the underlying limits noted above for employer's liability, commercial general liability, and automobile liability in the amount of \$1 million per occurrence and in the aggregate. For contracts valued at more than \$1 million, coverage shall be in the amount of \$4 million per occurrence and in the aggregate. The Design-Builder, the Department and the HRTAC Parties are to be named as additional insureds on a primary, non-contributory basis.

(e) **Professional Liability Insurance** (applicable only to Subcontractors rendering professional services, including but not limited to architects, engineers, traffic consultants, testing laboratories, accountants, and attorneys) if not already covered by a project-specific policy, with limits of at least \$1 million per claim and in the aggregate. Such insurance will remain in full force and effect during the performance of such professional services and with an extended reporting period of three years following completion of such professional services. As an alternative to the extended reporting period, the Subcontractor may elect to maintain in full force and effect professional liability coverage, with prior acts coverage sufficient to cover all services provided on the Project for a period of at least two (2) years following completion of such professional services.

EXHIBIT 13

FORM OF PERFORMANCE BOND

BOND NO. _____

PENAL SUM: \$1,750,000,000

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, the Virginia Department of Transportation (“Owner”) has awarded to [●], a [●] duly organized and existing under the laws of the State of [●] (“Design-Builder”) a comprehensive agreement (“Contract”) for the I-64 Hampton Roads Bridge-Tunnel Project (“Project”) dated [●]; and

WHEREAS, one of the conditions of the Contract is that Design-Builder provide this duly executed instrument (“Bond”).

NOW THEREFORE, We, the undersigned Design-Builder and [●], a corporation duly organized and existing under and by virtue of the laws of the State of [●] and authorized to transact business as a surety within the Commonwealth of Virginia (“Surety”), are held and firmly bound unto Owner, as obligee, and its successors and assigns in the sum of ONE BILLION SEVEN HUNDRED FIFTY MILLION DOLLARS (\$1,750,000,000), lawful money of the United States of America, for the payment of which, well and truly be made to Owner, Design-Builder and Surety bind themselves and each of their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents. [Any reference to the “Surety” in this Bond shall be read as a reference to the Co-Sureties and each of them on the basis of such joint and several liability.]

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH THAT:

1. The Contract is hereby incorporated by reference herein as if said Contract were fully set forth herein. Initially capitalized terms not otherwise defined herein shall have the meanings set forth in the Contract.

2. If Design-Builder shall at all times promptly, and faithfully perform the Contract and any alteration in or addition to the obligations of Design-Builder arising thereunder in strict accordance with the terms and conditions of the Contract, including the matter or infringement, if any, of patents or other proprietary rights, and all guarantees and warranties, including the guarantee and warranty periods, established by the Contract, and comply with all of the covenants therein contained, in the manner and within the times provided in the Contract, and shall fully indemnify and save harmless Owner from all costs and damages which it may suffer by reason or failure so to do, and shall fully reimburse and repay Owner all outlay and expenses

which it may incur in making good any default, and reasonable counsel fees incurred in the prosecution of or defense of any action arising out of or in connection with any such default, then Surety's obligations under this Bond shall be void; otherwise such obligations shall remain in full force and effect.

3. This Bond shall cover the cost to perform all the obligations of Design-Builder arising out of or required under the Contract, and the obligations covered by this Bond specifically include Design-Builder's liability for liquidated damages as specified in the Contract.

4. In Owner declares Design-Builder in default under the Contract, Surety may promptly remedy such default or:

- (a) arrange, with the consent of Owner, for Design-Builder to complete the Contract; or
- (b) undertake completion of the Contract itself; or
- (c) tender to Owner a proposed contract for completion of the Contract by a contractor acceptable to Owner, secured by performance and payment bonds issued by a qualified surety, combined with payment to Owner of the amount of damages in excess of the remaining Contract balance incurred by Owner as a result of the default, including costs of completion.

5. Should Surety not proceed promptly as provided in Paragraph 4, Surety shall be deemed in default of this Bond and Owner may, after giving seven (7) days' written notice, pursue and enforce any and all remedies available to it under the Contract, this Bond, or common law, including, but not limited to, completing the Contract and pursuing Surety for damages and any other relief to which it may be entitled against Surety.

6. On the day following two (2) years after the Final Completion ("Step-Down Date"), the Penal Sum of ONE BILLION SEVEN HUNDRED FIFTY MILLION DOLLARS (\$1,750,000,000) shall automatically be reduced to [●], with the understanding that such reduced Penal Sum shall only be applicable to any claims submitted, or suits, or actions brought, after the Step-Down Date. For the avoidance of doubt, the entire Penal Sum of ONE BILLION SEVEN HUNDRED FIFTY MILLION DOLLARS (\$1,750,000,000) is subject to any claims submitted, or suits or actions brought, against the Bond prior to the Step-Down Date; *provided, however*, that notwithstanding anything to the contrary herein, Surety's aggregate liability hereunder shall in no event exceed the Penal Sum of ONE BILLION SEVEN HUNDRED FIFTY MILLION DOLLARS (\$1,750,000,000).

7. Surety, for value received, hereby stipulates and agrees that no change, extension of time, alterations, additions, omissions or other modifications of the terms of the Contract, or in the Work to be performed with respect to the Project, or in the specifications or plans, or any change or modification of any terms of payment or extension of time for any payment pertaining or relating to the Contract, or any rescission or attempted rescission by Design-Builder of the Contract, or this Bond, shall in any way affect its obligations on this Bond, and Surety does hereby waive notice of such changes, extension of time, alterations, additions, omissions or other modifications.

8. Correspondence or claims relating to this Bond shall be sent to Surety at the following address: [●]

9. Any provision in this Bond which conflicts with applicable Laws, Regulations, and Ordinances, shall be deemed modified to conform to applicable Laws, Regulations, and Ordinances. This Bond shall be governed by and construed in accordance with the laws of the Commonwealth of Virginia, without regard for conflicts of laws principles, and any action seeking enforcement of the Bond will be litigated exclusively in the courts of the Commonwealth of Virginia.

10. ***[Note: Use in case of multiple sureties (“Co-Sureties”) or, otherwise, delete; If Co-Sureties are used, modify the preceding language accordingly to reflect this]*** The Co-Sureties agree to empower and designate a single “Lead Surety” with authority to act on behalf of all of the Co-Sureties with respect to this Bond, so that Owner will have no obligation to deal with multiple sureties hereunder. All correspondence from Owner to the Co-Sureties and all claims under this Bond shall be sent to the Lead Surety and shall be deemed served upon all Co-sureties. The Lead Surety may be changed only by delivery of written notice (by personal delivery or by certified mail, return receipt requested) to Owner designating a new Lead Surety, signed by all of the Co-Sureties. The initial Lead Surety shall be [●].

[Signature Page Follows]

IN WITNESS WHEREOF, We have hereunto set our hands and seals on this ____ day of _____ 20____.

DESIGN-BUILDER (full legal name):

Address:

By: _____

Title:

Contact Name:

Phone: ()

SURETY (full legal name):

Address:

By: _____

Title:

Contact Name:

Phone: ()

[Note: Date of this Bond must not be prior to date of Contract.]

[Note: If more than one surety, then add appropriate number of lines to signature block.]

[Note: A copy of a certificate that the Surety (or Co-Sureties) is (are) authorized to transact business in Virginia must be attached.]

[Note: The Bond shall be signed by authorized persons. Where such persons are signing in a representative capacity (*e.g.*, an attorney-in-fact), but are not a members of the firm, partnership, or joint venture, or an officer of the legal entity involved, evidence of authority including the appropriate power of attorney documentation must be attached.]

EXHIBIT 14

FORM OF PAYMENT BOND

BOND NO. _____

BOND AMOUNT: \$1,750,000,000.00

KNOW ALL MEN BY THESE PRESENTS, THAT:

WHEREAS, the Virginia Department of Transportation (“Owner”) has awarded to [●], a [●] duly organized and existing under the laws of the State of [●] (“Design-Builder”) a comprehensive agreement (“Contract”) for the I-64 Hampton Roads Bridge-Tunnel Project (“Project”) dated [●]; and

WHEREAS, one of the conditions of the Contract is that Design-Builder provide this duly executed instrument (“Bond”).

NOW THEREFORE, We, the undersigned Design-Builder and [●], a corporation duly organized and existing under and by virtue of the laws of the State of [●] and authorized to transact business as a surety within the Commonwealth of Virginia (“Surety”), are held and firmly bound, jointly and severally, unto Owner, as obligee, and its successors and assigns, in the sum of ONE BILLION SEVEN HUNDRED FIFTY MILLION DOLLARS (\$1,750,000,000.00), lawful money of the United States of America, for the payment of which, well and truly be made to Owner and Claimants, Design-Builder and Surety bind themselves and each of their heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THE ABOVE OBLIGATION IS SUCH THAT:

1. The Contract is hereby incorporated by reference herein as if said Contract were fully set forth herein. Initially capitalized terms not otherwise defined herein shall have the meanings set forth in the Contract.

2. If Design-Builder shall: (a) make payments of all sums due to all persons and entities having a direct contract with Design-Builder, or a direct contract with a Subcontractor having a direct contract with Design-Builder, for supplying labor, material, and/or supplies used directly or indirectly by Design-Builder in the prosecution of the Work provided in the Contract (such persons and entities hereinafter referred to collectively as “Claimants”); and (b) shall fully indemnify and save harmless Owner from all costs and damages which Owner may suffer by reason of Design-Builder’s failure to fulfill its obligations to Claimants under clause (a) above, including but not limited to, fully reimbursing and repaying Owner reasonable counsel fees incurred as a result of any action arising out of or in connection with any such failure, then

Surety's obligations under this Bond shall be void; otherwise such obligations shall remain in full force and effect.

3. All Claimants shall have a direct right of action only against Surety and Contractor under this Bond; *provided, however*, that no claim, suit or action shall be brought by any Claimant after the expiration of one (1) year following the date on which Claimant last performed labor or last furnished or supplied materials to the Project. Any suit or action must be brought in a state or federal court of competent jurisdiction located in the Commonwealth of Virginia.

4. Any Claimant who does not have a direct contractual relationship with Contractor shall, as a condition precedent to bringing such claim, suit or action, provide written notice thereof to Contractor, Surety, and Owner, no later than ninety (90) days from the date Claimant last supplied labor or materials, stating with substantial accuracy the amount claimed, the name of the person for whom the work was performed or to whom the material was furnished, and the dates on which such labor or materials were supplied.

5. Surety shall, after receipt of reasonable notice to Surety of any claim, demand, suit or action brought against Owner by a Claimant, defend, with counsel approved by Owner, indemnify and hold harmless Owner from any and all claims, demands, suits or actions brought by any Claimant. Owner shall have a direct right of action against Surety and Contractor for any breach by Surety of its obligation to defend, indemnify and hold harmless Owner.

6. Surety, for value received, hereby stipulates and agrees that no change, extension of time, alterations, additions, omissions or other modifications of the terms of the Contract, or in the Work to be performed with respect to the Project, or in the specifications or plans, or any change or modification of any terms of payment or extension of time for any payment pertaining or relating to the Contract, or any rescission or attempted rescission by Contractor of the Contract, or this Bond, or any conditions precedent or subsequent in this Bond attempting to limit the right of recovery of Claimants otherwise entitled to recover under this Bond, shall in any way affect its obligations on this Bond, and Surety does hereby waive notice of such changes, extension of time, alterations, additions, omissions or other modifications.

7. Surety acknowledges that the amounts owed to Contractor under the Contract shall first be available for the performance of the Contract, including Owner's superior right to use the funds due for the completion of the Work, and then may be available to satisfy claims arising under this Bond. Owner shall not be liable for the payment of any costs or expenses or claims of any Claimant under this Bond and shall have no obligation to make payments to, or give notice on behalf of, any Claimant.

8. Any provision in this Bond which conflicts with applicable Laws, Regulations and Ordinances shall be deemed modified to conform to applicable Laws, Regulations and Ordinances.

9. Contractor or Owner shall furnish a copy of this Bond or permit a copy to be made upon request by any person or entity who may be a Claimant as defined above.

10. ***[Note: Use in case of multiple sureties (“Co-Sureties”) or, otherwise, delete; If Co-Sureties are used, modify the preceding language accordingly to reflect this]*** The Co-Sureties agree to empower and designate a single, “Lead Surety” with authority to act on behalf of all of the Co-Sureties with respect to this Bond, so that Owner and Claimants will have no obligation to deal with multiple sureties hereunder. All correspondence from Owner and Claimants to the Co-Sureties and all claims under this Bond shall be sent to such designated Lead Surety and service of such correspondence or notice upon the Lead Surety shall constitute service upon all co-sureties. The Lead Surety may be changed only by delivery of written notice (by personal delivery or by certified mail, return receipt requested) to Owner designating a single new Lead Surety, signed by all of the Co-Sureties. The initial Lead Surety shall be [●].

11. Any provision in this Bond which conflicts with applicable Laws, Regulations, and Ordinances, shall be deemed modified to conform to applicable Laws, Regulations, and Ordinances. This Bond shall be governed by and construed in accordance with the laws of the Commonwealth of Virginia, without regard for conflicts of laws principles, and any action seeking enforcement of the Bond will be litigated exclusively in the courts of the Commonwealth of Virginia.

[Signature Page Follows]

IN WITNESS WHEREOF, We have hereunto set our hands and seals on this ____ day of _____ 20____.

DESIGN-BUILDER (full legal name):

Address:

By: _____

Title:

Contact Name:

Phone: ()

SURETY (full legal name):

Address:

By: _____

Title:

Contact Name:

Phone: ()

[Note: Date of this Bond must not be prior to date of Contract.]

[Note: If more than one surety, then add appropriate number of lines to signature block.]

[Note: A copy of a certificate that the Surety (or Co-Sureties) is (are) authorized to transact business in Virginia must be attached.]

[Note: The Bond shall be signed by authorized persons. Where such persons are signing in a representative capacity (*e.g.*, an attorney-in-fact), but are not a members of the firm, partnership, or joint venture, or an officer of the legal entity involved, evidence of authority including the appropriate power of attorney documentation must be attached.]

EXHIBIT 15
FORM OF LETTER OF CREDIT

[To come]

EXHIBIT 16

FORM OF GUARANTEE

This **GUARANTEE** (this “Guarantee”) is made as of [●], by [●], a [●] (the “Guarantor”), to the Virginia Department of Transportation (the “Department”), an agency of the Commonwealth of Virginia, with respect to the obligations of [●], a [●] (the “Design-Builder”), pursuant to that certain Comprehensive Agreement for the I-64 Hampton Roads Bridge-Tunnel Expansion Project, dated as of [●], by and between the Department and the Design-Builder (as amended, altered, varied or supplemented, the “Comprehensive Agreement”). The Comprehensive Agreement is hereby incorporated by reference herein, and capitalized terms used herein and not otherwise defined herein shall have the meanings set forth in the Comprehensive Agreement. The Guarantor is an Affiliate of the Design-Builder. The Guarantor acknowledges that financial and direct benefits will accrue to the Guarantor by virtue of entering into this Guarantee and that such benefits constitute adequate consideration therefor.

This Guarantee is provided pursuant to Section 10.3 of the Comprehensive Agreement.

1. GUARANTEE

1.1. Guarantee. The Guarantor guarantees to the Department, absolutely, unconditionally and irrevocably, that each and every payment and performance obligation and other liability of the Design-Builder now or hereafter arising under the Comprehensive Agreement, including but not limited to all obligations and liabilities of the Design-Builder under any and all representations and warranties made or given by the Design-Builder under the Comprehensive Agreement, under any and all liquidated or stipulated damage provisions of the Comprehensive Agreement and under any and all indemnities given by the Design-Builder under the Comprehensive Agreement (collectively the “Guaranteed Obligations”) will be paid promptly and satisfied in full when due and without offset, and performed and completed when required. This is a continuing guaranty of payment and performance of the Guaranteed Obligations.

1.2. Obligations. Except as otherwise provided in Section 4.06, the obligations of the Guarantor hereunder are absolute and unconditional and independent of the Guaranteed Obligations and shall remain in full force and effect until all the Guaranteed Obligations have been paid, performed and completed in full, irrespective of any assignment, amendment, modification or termination of the Comprehensive Agreement.

1.3. No Exoneration. Except as otherwise provided in Section 4.06 below, the obligations of the Guarantor hereunder shall not be released, discharged, exonerated or impaired in any way by reason of:

1.3.1. any failure of the Design-Builder to retain or preserve any rights against any person, except to the extent the Design-Builder is required to do so under the terms of the Comprehensive Agreement and such failure prejudices Guarantor;

1.3.2. the lack of prior enforcement by the Design-Builder of any rights against any person and the lack of exhaustion of any bond, letter of credit or other security held by the Design-Builder, except to the extent the Design-Builder is required to do so under the terms of the Comprehensive Agreement and such failure prejudices Guarantor;

1.3.3. the lack of authority or standing of the Design-Builder or the dissolution of the Guarantor or the Design-Builder;

1.3.4. with or without notice to the Guarantor, the amendment, alteration, acceleration, extension, waiver, retirement, suspension, surrender, compromise, settlement, release, revocation or termination of, or failure to assert, any portion of the Guaranteed Obligations, the Comprehensive Agreement, any rights or remedies of the Department (including rights of offset) against the Design-Builder, or any bond, letter of credit, other guarantee, instrument, document, collateral security or other property given or available to the Department to secure all or any part of the Guaranteed Obligations; *provided* that, notwithstanding the foregoing, the Guarantor shall have available to it any and all defenses relating to the Guaranteed Obligations that may be available to the Design-Builder based on any such amendment, alteration, acceleration, extension, waiver, retirement, suspension, surrender, compromise, settlement, release, revocation or termination or failure to assert voluntarily made by the Department, except defenses available to the Design-Builder under any federal or state law respecting bankruptcy, arrangement, reorganization or similar relief of debtors and those expressly waived under this Guarantee;

1.3.5. the extension of the time for payment of any amount owing or payable under the Comprehensive Agreement or of the time for performance or completion of any Guaranteed Obligation; *provided, however*, that to the extent the Department grants the Design-Builder an extension of time under the Comprehensive Agreement for performance of any of the obligations of the Design-Builder thereunder, such extension of time shall likewise extend the time for performance by the Guarantor;

1.3.6. the existence now or hereafter of any other guarantee or endorsement by the Guarantor or anyone else of all or any portion of the Guaranteed Obligations;

1.3.7. the acceptance, release, exchange or subordination of additional or substituted security for all or any portion of the Guaranteed Obligations;

1.3.8. the taking of any action or the failure to take any action simply because it would constitute a legal or equitable defense, release or discharge of a surety;

1.3.9. any bankruptcy, arrangement, reorganization or similar proceeding for relief of debtors under federal or state law hereafter initiated by or against the Design-Builder[or any of its members];¹

1.3.10. any full or partial payment or performance of any Guaranteed Obligation which is required to be returned as a result of or in connection with the insolvency, reorganization or bankruptcy of the Design-Builder[or any of its members or otherwise];

1.3.11. the rejection of the Comprehensive Agreement in connection with the insolvency, reorganization or bankruptcy of the Design-Builder [or any of its members];

1.3.12. an impairment of or limitation on damages otherwise due from the Design-Builder by operation of law as a result of any insolvency, reorganization or bankruptcy proceeding by or against the Design-Builder or any of its members;

1.3.13. failure by the Department to file or enforce a claim against the estate (either in administration, bankruptcy or other proceedings) of the Design-Builder[, any of its members,] the Guarantor or any other guarantor;

1.3.14. any merger, consolidation or other reorganization to which the Design-Builder or the Guarantor is a party;

1.3.15. any sale or disposition of all or any portion of the Guarantor's direct or indirect ownership in the Design-Builder, or action by the Guarantor or its Affiliates which results in discontinuation or interruption in the business relations of the Design-Builder with the Guarantor; or

1.3.16. the failure of the Department to assert any claim or demand, bring any action or exhaust its remedies against the Design-Builder or any security before proceeding against the Guarantor hereunder after the expiration of applicable notice and cure periods.

¹ **Note to Offerors:** To be included if the Design-Builder is structured as a joint venture or partnership.

1.4. Enforcement of the Comprehensive Agreement and Guaranteed Obligations.

1.4.1. Nothing contained herein shall prevent or limit the Department from pursuing any of its rights and remedies under the Design-Builder. The Department may apply any available moneys, property or security in such manner and amounts and at such times to the payment or reduction or performance of any Guaranteed Obligation as it may elect, and may generally deal with the Design-Builder, the Guaranteed Obligations, such security and property as the Department may see fit. Notwithstanding the foregoing, the Guarantor shall remain bound by this Guarantee.

1.4.2. The Guarantor shall be obligated to undertake all curative action which may be agreed upon between the Department, the Guarantor and the Design-Builder. If following notice under Section 4.06 below (to the extent required thereunder) the Guarantor does not use commercially reasonable efforts to proceed promptly to effectuate such curative action within a reasonable time after the Department notifies the Design-Builder and the Guarantor of the need for curative action (or immediately, in the case of emergency conditions), the Department, without further notice to the Guarantor, shall have the right to perform or have performed by third parties the necessary curative action, and the costs thereof shall be borne by the Guarantor.

1.4.3. The Department may bring and prosecute a separate action or actions against the Guarantor to enforce its liabilities hereunder, regardless of whether any action is brought against the Design-Builder and regardless of whether any other person is joined in any such action or actions. Nothing shall prohibit the Department from exercising its rights against the Guarantor, the Design-Builder, any other guarantor of the Guaranteed Obligations, a performance bond or other security, if any, which insures the payment of the Guaranteed Obligations, or any other person simultaneously, or any combination thereof jointly and/or severally. The Department may proceed against the Guarantor from time to time as it sees fit in its sole and absolute discretion.

2. REPRESENTATIONS AND WARRANTIES

2.1. Representations and Warranties. The Guarantor hereby represents and warrants, which shall be continuing representations and warranties until the expiration of the Guarantor's obligations under this Guarantee, that:

2.1.1. Consents. Consent of the Design-Builder to any modification or amendment of the Comprehensive Agreement to which it is a party constitutes knowledge thereof and consent thereto by the Guarantor;

2.1.2. Organization and Existence. The Design-Builder is a [●] duly organized, validly existing and in good standing under the laws of its state of

formation. The Guarantor is a corporation duly organized, validly existing and in good standing under the laws of [●];

2.1.3. Power and Authority. The Guarantor has the full power and authority to execute, deliver and perform this Guarantee, and to own and lease its properties and to carry on its business as now conducted and as contemplated hereby;

2.1.4. Authorization and Enforceability. This Guarantee has been duly authorized, executed and delivered by the Guarantor and constitutes the legal, valid and binding obligation of the Guarantor, enforceable against it in accordance with the terms hereof, subject as to enforceability of remedies to limitations imposed by bankruptcy, insolvency, reorganization, moratorium or other similar laws relating, to or affecting the enforcement of creditors' rights generally, as applicable to the Guarantor, and to general principles of equity;

2.1.5. No Governmental Consents. No authorization, consent or approval of, notice to or filing with, any governmental authority, is required for the execution, delivery and performance by the Guarantor of this Guarantee;

2.1.6. No Conflict or Breach. Neither the execution, delivery or performance by the Guarantor of this Guarantee, nor compliance with the terms and provisions hereof, conflicts or will conflict with or will result in a breach or violation of any material terms, conditions, or provisions of any Laws, regulations and ordinances applicable to the Guarantor or the charter documents, as amended, or bylaws or equivalent governing documents, as amended, of the Guarantor, or any order, writ, injunction or decree of any court or governmental authority against the Guarantor or by which it or any of its properties are bound, or any indenture, mortgage or contract or other agreement or instrument to which the Guarantor is a party or by which it or any of its properties are bound, or constitutes or will constitute a default thereunder or will result in the imposition of any lien upon any of its properties;

2.1.7. No Proceedings. There are no suits or proceedings pending, or, to the knowledge of the Guarantor, threatened in any court or before any regulatory commission, board or other governmental administrative agency against the Guarantor which could reasonably be expected to have a material adverse effect on the business or operations of the Guarantor, financial or otherwise, or on its ability to fulfill its obligations hereunder;

2.1.8. Contract. The Guarantor is fully aware of and consents to the terms and conditions of the Comprehensive Agreement;

2.1.9. Financial Statements. All financial statements and data that have been given to the Department by the Guarantor with respect to the Guarantor:

(i) are complete and correct in all material respects as of the date given; (ii) accurately present in all material respects the financial condition of the Guarantor as of the date thereof; and (iii) have been prepared in accordance with generally accepted accounting principles consistently applied throughout the periods covered thereby;

2.1.10. No Adverse Change. There has been no material adverse change in the financial condition of the Guarantor since the date of the most recent financial statements given to the Department with respect to the Guarantor;

2.1.11. No Default. The Guarantor is not in default in the performance, observance or fulfillment of any of the obligations, covenants or conditions set forth in any agreement or instrument to which the Guarantor is a party, which default may materially and adversely affect the Guarantor's ability to fulfill its obligations hereunder;

2.1.12. Accuracy of Information. All other reports, papers and written data and information given to the Department by the Guarantor with respect to the Guarantor are accurate and correct in all material respects and complete; and

2.1.13. Notice of Change. The Guarantor shall advise the Department in writing of any material adverse change in the business or financial condition of the Guarantor and promptly furnish to the Department such information about the financial condition of the Guarantor as the Department shall reasonably request.

3. WAIVERS, SUBROGATION AND SUBORDINATION

3.1. Waivers.

3.1.1. The Guarantor hereby unconditionally waives:

3.1.1.1. notice of acceptance of this Guarantee or of the intention to act in reliance hereon and of reliance hereon;

3.1.1.2. notice of the incurring, contracting, amendment, alteration, acceleration, extension, waiver, retirement, suspension, surrender, compromise, settlement, release, revocation or termination of, or of the failure to assert, any Guaranteed Obligation or any contract;

3.1.1.3. demand on the Guarantor in the event of default (but not the giving of notice to the extent required in Section 4.06 below);

- 3.1.1.4. any invalidity of the Comprehensive Agreement due to lack of proper authorization of or a defect in execution thereof by the Design-Builder, its purported representatives or agents;
- 3.1.1.5. demand for payment or performance, presentment, protest and notice of nonpayment or dishonor to the Guarantor respecting any Guaranteed Obligation;
- 3.1.1.6. any right of the Guarantor to receive notices to the Design-Builder to which the Guarantor might otherwise be entitled except notice to the extent required in Section 4.06 below;
- 3.1.1.7. any demand for payment hereunder (but not the giving of notice to the extent required in Section 4.06 below); and
- 3.1.1.8. any duty on the part of the Department to disclose to the Guarantor any facts the Department may now or hereafter know with regard to the Design-Builder.

3.1.2. The Guarantor also hereby waives any right to require, and the benefit of all laws now or hereafter in effect giving the Guarantor the right to require, any prior enforcement as referred to in Section 1.03(b) above, and the Guarantor agrees that any delay in enforcing or failure to enforce any such rights or in making demand on the Guarantor for the performance of the obligations of the Guarantor under this Guaranty shall not in any way affect the liability of the Guarantor hereunder.

3.1.3. The Guarantor hereby waives, as against the Department or any person claiming under the Department, all rights and benefits which might accrue to the Guarantor by reason of any bankruptcy, arrangement, reorganization or similar proceedings by or against the Design-Builder and agrees that its obligations and liabilities hereunder shall not be affected by any modification, limitation or discharge of the obligations of the Design-Builder that may result from any such proceedings.

3.1.4. Until the Design-Builder shall have fully and satisfactorily paid, performed, completed and discharged all the Guaranteed Obligations, the Guarantor hereby agrees not to file, or solicit the filing by others of, any involuntary petition in bankruptcy against the Design-Builder.

3.2. Subrogation. Until the Design-Builder shall have fully and satisfactorily paid, performed, completed and discharged all the Guaranteed Obligations, the Guarantor shall not claim or enforce any right of subrogation, reimbursement or indemnity against the Design-Builder, or any other right or remedy which might otherwise arise on account of any payment made by the Guarantor or any act or thing done by the Guarantor on account of or in accordance with this Guarantee.

3.3. Subordination.

3.3.1. All existing or future indebtedness of the Design-Builder to the Guarantor is subordinated to all of the Guaranteed Obligations. Whenever and for so long as the Design-Builder shall be in default in the performance or payment of any Guaranteed Obligation, no payments with respect to any such indebtedness shall be made by the Design-Builder to the Guarantor without prior written notice to the Department.

3.3.2. The Guarantor shall file all claims against the Design-Builder in any bankruptcy or other proceedings in which the filing of claims is required or permitted by law upon any obligation or indebtedness of the Design-Builder to the Guarantor, and shall have assigned to the Department all of the Guarantor's rights thereunder to the extent of outstanding and unsatisfied Guaranteed Obligations. If the Guarantor does not file any such claim, the Department is authorized as the Guarantor's attorney-in-fact to do so in the Guarantor's name, or in the discretion of the Department, the Department is authorized to assign the claim to, and cause proof of claim to be filed in the name of the Department or its nominee. In all such cases, whether in administration, bankruptcy, or otherwise, the person or persons authorized to pay such claim shall pay to the Department or its nominee the full amount payable on the claim in the proceeding before making any payment to the Guarantor, and to the full extent necessary for that purpose, the Guarantor assigns to the Department all of its rights to any payments or distributions to which it otherwise would be entitled. If the amount so paid is in excess of the Guaranteed Obligations covered hereby, the Department shall pay the amount of the excess to the party determined by it to be entitled thereto.

4. MISCELLANEOUS

4.1. Enforcement of Guarantee.

4.1.1. The terms and provisions of this Guarantee shall be governed by and interpreted in accordance with the laws of the Commonwealth of Virginia.

4.1.2. No supplement, amendment, modification, waiver or termination of this Guarantee shall be binding unless executed in writing and duly signed by the Guarantor and the Department. No waiver of any of the provisions of this Guarantee shall be deemed or shall constitute a waiver of any other provisions hereof whether or not similar, nor shall such waiver constitute a continuing waiver unless otherwise expressly provided. No failure on the part of the Department to exercise, and no delay in exercising, any right hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any right hereunder preclude any other or further exercise of any other right.

4.1.3. All disputes between the Department and the Guarantor arising under or relating to this Guarantee or its breach shall be filed, heard and decided in the Circuit Court for the City of Richmond, Virginia, Division I, and any appellate court from any thereof, which shall have exclusive jurisdiction and venue. The Guarantor hereby irrevocably waives the defense of an inconvenient forum to the maintenance of any action or proceedings in such court arising out of or relating to this Guarantee. The Guarantor agrees that a final non-appealable judgment in any such action or proceeding shall be conclusive and may be enforced in other jurisdictions by suit on the judgment or in any other manner provided by law. The Guarantor agrees and consents to service of process by delivery in the manner and to the address set forth in Section 4.02 below. Nothing in this section shall affect the right of the Department or to serve legal process in any other manner permitted by law.

4.1.4. The rights of the Department hereunder are cumulative and shall not be exhausted by any one or more exercises of said rights against the Guarantor or other guarantors or by any number of successive actions until and unless all Guaranteed Obligations have been fully paid or performed.

4.1.5. The Guarantor shall pay to the Department all reasonable out-of-pocket legal fees and other reasonable out-of-pocket costs and expenses (including fees and costs on appeal) it incurs by reason of any permitted enforcement of its rights hereunder, *provided* that it is the prevailing party with respect to a substantial portion of its claim.

4.1.6. THE PARTIES HEREBY KNOWINGLY, VOLUNTARILY, AND INTENTIONALLY WAIVE ANY RIGHTS THEY MAY HAVE TO A TRIAL BY JURY IN ANY LITIGATION OR CLAIM WHICH IS BASED ON, OR ARISES OUT OF, UNDER OR IN CONNECTION WITH, THIS GUARANTEE OR THE TRANSACTIONS CONTEMPLATED BY THIS GUARANTEE.

4.1.7. Notwithstanding anything to the contrary, if at any time payment of any of the Guaranteed Obligations is rescinded or must otherwise be returned upon bankruptcy, reorganization or similar proceeding for relief of debtors under federal or state law, the Guarantor shall continue to remain liable therefor.

4.2. Notices. All notices, demands or other communications under this Guarantee shall be in writing and shall be sent to each other party, at its address specified below (or such other address as a party may from time to time specify to the other parties by notice given in accordance with this Guarantee), and shall be deemed to have been duly given when actually received by the addressee or when served:

4.2.1. personally;

4.2.2. by independent, reputable, overnight commercial courier;
or

4.2.3. by deposit in the United States mail, postage and fees fully prepaid, registered or certified mail, with return receipt requested, addressed as follows:

If to the Department:

Virginia Department of Transportation
Hampton Roads District
1700 North Main Street
Suffolk, VA 23434
Attention: Project Director
Facsimile: [●]

With a copies to:

Virginia Department of Transportation
1401 E. Broad Street
Richmond, VA 23219
Attention: Chief Engineer
Facsimile: (804) 786-2940

Office of the Attorney General
202 North 9th Street
Richmond, VA 23219
Attention: Transportation Section Chief
Facsimile: (804) 786-9136

If to the Guarantor:

[●]
[●]
Attention: [●]

4.3. Severability. If any provision of this Guarantee shall for any reason be held invalid or unenforceable, to the fullest extent permitted by law, such invalidity or unenforceability shall not affect any other provisions hereof, but this Guarantee shall be construed as if such invalid or unenforceable provision had never been contained herein.

4.4. Assignment. Neither this Guarantee nor any of the rights, interest or obligations hereunder shall be assigned or delegated by the Guarantor without the prior written consent of the Department. The Department may assign this Guarantee, with prior notice but without need

for the consent of Guarantor, but only together with an assignment of the Comprehensive Agreement. This Guarantee and all of the provisions hereof shall be binding upon the Guarantor and its successors and permitted assigns and shall inure to the benefit of the Department and its successors and assigns.

4.5. No Third Party Beneficiaries. Nothing in this Guarantee shall entitle any person other than the Department and its successors and assigns to any claim, cause or action, remedy or right of any kind.

4.6. Certain Rights, Duties, Obligations and Defenses. Notwithstanding Sections 1.01, 1.02, 1.03, 3.01 and 4.08 hereof, the Guarantor shall have all rights, duties, obligations and defenses available to the Design-Builder under the Comprehensive Agreement relating to waiver, surrender, compromise, settlement, release or termination voluntarily made by the Department, failure to give notice of default to the Design-Builder to the extent required by the Comprehensive Agreement (except to the extent the giving of notice is precluded by bankruptcy or other applicable law), interpretation or performance of terms and conditions of the Comprehensive Agreement, or other defenses available to the Design-Builder under the Comprehensive Agreement except those expressly waived (otherwise than in Section 1.02) in this Guarantee and defenses available to the Design-Builder as a result of any federal or state law respecting bankruptcy, arrangement, reorganization or similar relief of debtors. Action against the Guarantor shall be subject to no prior notice or demand except for fourteen (14) days' prior written notice to the Guarantor (except to the extent the giving of notice to the Guarantor is precluded by bankruptcy or other applicable law affecting the Guarantor) in the case of any demand relative to any Guaranteed Obligation not paid or performed when due under the Comprehensive Agreement setting forth the default of the Design-Builder.

4.7. Mergers, etc. The Guarantor shall not, in a single transaction or through a series of related transactions, consolidate with or merge with or into any other person or sell, assign, convey, transfer, lease or otherwise dispose of any material portion of its properties and assets to any person(s) or group of affiliated persons, unless:

4.7.1. in case of a merger, the Guarantor shall be the continuing corporation; or

4.7.2. the person (if other than the Guarantor) formed by such consolidation or into which the Guarantor merges or the person(s) (or group of affiliated persons) that acquires by sale, assignment, conveyance, transfer, lease or other disposition a material portion of the properties and assets of the Guarantor shall expressly agree to perform all of the obligations of the Guarantor hereunder, as a joint and several obligor with the Guarantor if the Guarantor continues to exist after such transaction, by a writing in form and substance reasonably satisfactory to the Department.

Notwithstanding the agreement by any such person to perform the obligation of the Guarantor hereunder, the Guarantor shall not be released from its obligations hereunder unless released by operation of law or by consent.

4.8. Survival. The obligations and liabilities of the Guarantor hereunder shall survive termination of any or all of the Comprehensive Agreement or the Design-Builder's rights thereunder due to default by the Design-Builder thereunder; *provided, however*, that for the avoidance of doubt, such obligations and liabilities are only in respect of the Guaranteed Obligations.

4.9. Headings. The Article and Section headings in this Guarantee are for convenience of reference only and shall not be deemed to alter or affect the meaning or interpretation of any provisions hereof.

4.10. Counterparts. This Guarantee may be executed in one or more counterparts, all of which shall constitute one and the same instrument.

4.11. Entire Agreement. This Guaranty constitutes the entire agreement of the parties hereto with respect to the subject matter hereof. The Guarantor agrees to execute, have acknowledged and delivered to the Department such other and further instruments as may be reasonably required by the Department to effectuate the intent and purpose hereof.

IN WITNESS WHEREOF, the Guarantor has caused this Guarantee to be executed as of the day and year first above written by its duly authorized officer.

[●],
a [●]

By: _____
Name: _____
Title: _____

Receipt of this Guaranty is hereby acknowledged and accepted effective as of the [●].

**VIRGINIA DEPARTMENT OF
TRANSPORTATION,**
an agency of the Commonwealth of Virginia

By: _____
Stephen C. Brich, P.E.
Commissioner of Highways

EXHIBIT 17

SPECIAL PROVISION FOR DESIGN-BUILD SCHEDULES

[To be attached]

EXHIBIT 18

EXAMPLE CORRESPONDENCE TRACKING LOG

[To be attached]

EXHIBIT 19

DEPARTMENT'S GOVERNMENTAL APPROVALS LIST

[To come]

EXHIBIT 20

KEY PERSONNEL POSITIONS

Position	Responsibilities	Individual²	Liquidated Damage Amount
Project Executive	This individual represents the Design-Builder at the executive level, is responsible for the overall delivery of the Project, and has the authority to make decisions for and oversee the performance of the Design-Builder.	[●]	\$[●]
Project Manager	<p>This individual is responsible for meeting the Design-Builder’s contract obligations and is responsible for the overall Project design, construction, and contract administration, including avoiding and resolving any disputes.</p> <p>Shall supervise and exercise control over the design and construction work, including safety, quality management, contract administration, and timely provision of all materials, equipment, services, and labor reasonably inferable from the Comprehensive Agreement.</p> <p>Shall be assigned to the Project on site full-time until completion of the construction work.</p>	[●]	\$[●]

² **Note to Offerors:** Individuals to be identified as per Proposal.

Position	Responsibilities	Individual²	Liquidated Damage Amount
Construction Manager	<p>This individual is responsible for all aspects of Project construction, to include all quality control activities to ensure the materials used and work performed meet contract requirements and the “approved for construction” plans and specifications.</p> <p>Shall be responsible for proactive utility relocation, erosion and sediment control, safety of multiple concurrent work zones, and maintenance of traffic. Shall be responsive to public and environmental sensitivities.</p> <p>Shall have the authority to stop work.</p> <p>Shall be assigned to the Project on site full-time for the duration of the Project once construction activities begin.</p>	[●]	\$[●]
Quality Assurance Manager	<p>This individual is responsible to assure the Design-Builder’s adherence to quality management processes, as well as implementing quality plans for design and construction.</p> <p>Shall be responsible for the quality assurance inspection and testing of all materials used and work performed on the Project, including monitoring the Design-Builder’s construction</p>	[●]	\$[●]

Position	Responsibilities	Individual ²	Liquidated Damage Amount
	<p>quality control program.</p> <p>Shall ensure that all work, materials, testing, and sampling are performed in conformance with the contract and the “approved for construction” plans and specifications, and are adequately documented and reviewed.</p> <p>Shall be an employee of an independent firm with no involvement in construction operations, including quality control inspection and testing.</p> <p>Reports directly to Project Manager or other appropriate person at the executive level and has the authority to stop work. Reporting structure must be in accordance with the Department’s <i>Minimum Requirements for Quality Assurance and Quality Control on Design-Build and Public-Private Transportation Act (PPTA) Projects (2012)</i>.</p> <p>Shall be assigned to the Project on site full-time for the duration of the Project once construction activities begin.</p>		
Safety Manager	This individual is responsible for carrying out the Design-Builder’s safety plan and all safety-related activities, including training and enforcement of safety	[●]	

Position	Responsibilities	Individual²	Liquidated Damage Amount
	<p>operations.</p> <p>Shall be available to review designs, and suggest modifications to the designs, means, and methods and to work collaboratively with appropriate parties for any necessary modifications based on field conditions and construction activities.</p> <p>Shall have the authority to stop work.</p> <p>Shall be assigned to the Project on site full-time for the duration of the Project once construction activities begin.</p>		
<p>Environmental Manager</p>	<p>This individual is responsible for proactively managing environmental permitting and compliance.</p> <p>Shall be available to review designs, and suggest modifications to the designs, means, and methods and to work collaboratively with appropriate parties for any necessary modifications based on field conditions and construction activities.</p> <p>Shall be independent of construction operations team.</p> <p>Shall have the authority to stop work.</p> <p>Shall be assigned to the Project</p>	<p>[●]</p>	

Position	Responsibilities	Individual²	Liquidated Damage Amount
	on site full-time for the duration of the Project once construction activities begin.		
Responsible Charge Engineer	<p>This individual holds full professional responsibility for Project engineering decisions and speaks as the Design-Builder’s final authority on engineering issues.</p> <p>Shall be directly involved in or have supervisory direction and control authority in making and approving engineering decisions during design and construction. Shall be capable of answering inquiries about all such engineering decisions.</p> <p>Shall ensure engineering services are performed by qualified professionals licensed in the Commonwealth and that plans are signed and sealed by such qualified professionals.</p> <p>Reports directly to Project Manager and has the authority to stop work.</p> <p>Shall be assigned to the Project on site full-time for the duration of the Project once design activities begin.</p>	[●]	\$[●]
Design Manager	This individual is responsible for coordinating the individual design disciplines and ensuring the overall Project design is in conformance with the contract and design criteria requirements	[●]	\$[●]

Position	Responsibilities	Individual²	Liquidated Damage Amount
	<p>are met.</p> <p>Shall be responsible for establishing and overseeing a quality assurance/ quality control program for all pertinent disciplines involved in the design of the Project, including the review of design, working plans, shop drawings, specifications, field design changes, requests for information, non-conforming work, and the constructability of the Project.</p> <p>Shall be an employee of the Lead Designer and shall be assigned to the Project on site full-time whenever design activities are being performed.</p>		
Geotechnical Manager	This individual oversees all geotechnical design for the Project and is available to review designs and to verify and modify designs, if necessary, based on field conditions and construction activities.	[●]	\$[●]

Position	Responsibilities	Individual²	Liquidated Damage Amount
Tunnel Construction Manager	<p>This individual is responsible for all aspects of tunnel construction, to include all quality control activities to ensure the materials used and work performed meet contract requirements and the “approved for construction” plans and specifications.</p> <p>Shall be assigned to the Project on site full-time for the duration of tunnel construction operations.</p>	[●]	\$[●]
Lead Tunnel Engineer	<p>This individual is responsible for overall design of the tunnel and shall coordinate with related design disciplines to ensure the overall design of the tunnel portion of the Project is in conformance with the contract.</p> <p>This individual is responsible for establishing and overseeing a quality assurance/quality control program for all pertinent disciplines involved in the design of the tunnel, including the review of design, working plans, shop drawings, specifications, and the constructability of the tunnel.</p> <p>Shall be available to verify and modify designs, if necessary, based on field conditions and construction activities during tunnel construction.</p>	[●]	\$[●]
Lead	This individual is responsible for	[●]	\$[●]

Position	Responsibilities	Individual²	Liquidated Damage Amount
Mechanical Engineer	design and integration of the tunnel systems for the Project, including ventilation, fire protection, drainage, and emergency egress.		

EXHIBIT 21

GEOTECHNICAL BASELINE REPORT³

[To be attached]

³ **Note to Offerors:** To be included if Tunnel Improvements are to be constructed using the bored tunnel construction method.

EXHIBIT 22
GEOTECHNICAL DATA REPORT⁴

[To be attached]

⁴ **Note to Offerors:** To be included if Tunnel Improvements are to be constructed using the bored tunnel construction method.

EXHIBIT 23
DBE & SWAM MATTERS⁵

Section 1. DBE Matters

1.1 General

.1 The parties recognize the importance of pursuing, inviting and developing the participation of minority, women-owned and small business through the DBE program, where applicable.

.2 Design-Builder (and each of its Subcontractors) shall not discriminate on the basis of race, color, national origin or sex in the performance of the Agreement. Design-Builder (and each of its Subcontractors) shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of United States Department of Transportation-assisted contract. Failure by Design-Builder (and each of its Subcontractors) to carry out these requirements is a material breach of the Agreement, which may result in the termination of the Agreement or such other remedy as set forth in Section 1.5 of this **Exhibit 23**.

1.2 Design-Builder's Work

.1 During the performance of the Work, in an effort to comply with 49 CFR Part 26, Department has established a goal of [●]% for DBE participation, such percentage relating to the Contract Price, but excluding amounts paid by Design-Builder for the following components thereof: [●].

.2 Design-Builder agrees to manage the foregoing goals as follows:

(a) Design-Builder will submit an updated DBE/SWaM Plan on each anniversary of the issuance of NTP prior to the Final Completion Date that defines Design-Builder's approach to meeting the DBE goals;

(b) Design-Builder will have dedicated resources to the DBE inclusion program to ensure compliance with 49 CFR Part 26, the DBE/SWaM Plan, nondiscrimination provisions, technical assistance activities, communication of subcontracting opportunities and to generate reports specific to DBE utilization;

(c) Design-Builder will be responsible for either achieving or making Good Faith Efforts to achieve the DBE goals by providing maximum contracting opportunities for DBE businesses;

⁵ **Note to Offerors:** VDOT to provide DBE and SWaM participation goals in a future Addendum.

(d) Design-Builder will provide to the Department each calendar quarter documentation of all executed Subcontracts and payments to DBE businesses;

(e) Design-Builder will have the opportunity to establish DBE-only statement of work packages; and

(f) Design-Builder will provide Good Faith Efforts documentation using Form C-49 and other supplemental information as appropriate for Subcontracts that do not include DBE participation. Design-Builder agrees that if Department accepts the Good Faith Efforts documentation on a particular bid item group, Design-Builder will make reasonable efforts to accomplish the overall DBE goal using other bid item groups.

.3 During the performance of the Work, the parties will work cooperatively to accomplish the applicable DBE objectives. Department will provide reasonable assistance to Design-Builder, including by:

(a) jointly conducting outreach meetings for DBE firms;

(b) identifying to Design-Builder firms that are eligible to bid on specific bid item groups; and

(c) providing access to technical and managerial assistance to eligible DBE firms, including in part, through the Department's Civil Rights Division and the Business and Workforce Development Center (subject to the availability of funds).

.4 Design-Builder acknowledges and agrees that Department's assistance and cooperation will not eliminate or reduce Design-Builder's responsibility to achieve the DBE goals or demonstrate Good Faith Efforts in pursuit of the DBE goal. Design-Builder shall utilize a variety of means and methods and creative strategies to meet the DBE goal. The Design-Builder shall employ such strategies for all phases of the Project. Design-Builder is expected to meet the DBE goals or demonstrate that Good Faith Efforts have been made. Design-Builder shall submit to Department quarterly reports of Good Faith Efforts documentation and payments made to DBE firms on Form C-63.

1.4 DBE Reporting and Assessment

.1 Design-Builder will report to Department quarterly, within fifteen (15) days after each calendar quarter ends, Design-Builder's efforts to (a) satisfy the DBE goals set forth in this Section 1.2.1 of this **Exhibit 23** or (b) demonstrate Good Faith Efforts to accomplish the DBE goals set forth in this Section 1 of this **Exhibit 23**.

.2 Department will assess, confirm and communicate to Design-Builder within thirty (30) days after receiving each quarterly report whether Design-Builder has (a) satisfied the DBE

goals, (b) demonstrated Good Faith Efforts or (c) failed to satisfy the requirements of clauses (a) and (b) of this Section 1.4.2 of this **Exhibit 23**.

1.5 Failure to Demonstrate Good Faith Efforts

.1 If Department notifies Design-Builder pursuant to Section 1.4 of this **Exhibit 23** that Design-Builder has failed to satisfy the requirements of clauses (a) of Section 1.4.2 of this **Exhibit 23** and has failed to satisfy the requirements of clause (b) of Section 1.4.2 of this **Exhibit 23** with respect to the DBE goals for the Work for a quarterly period, Design-Builder will have until the end of the next consecutive quarter to demonstrate that it has satisfied the requirements of either clause (a) or (b) of Section 1.4.2 with respect to such DBE goals.

.2 If Design-Builder has failed to satisfy the requirements of clause (a) of Section 1.4.2 of this **Exhibit 23** and has failed to satisfy the requirements of clause (b) of Section 1.4.2 of this **Exhibit 23** with respect to the DBE goals for the Work for two consecutive quarters based on the determination by Department pursuant to Section 1.4 of this **Exhibit 23**, Design-Builder will prepare and submit, at Design-Builder's sole cost and expense, a DBE performance improvement plan ("**DBE Performance Improvement Plan**") for Department's review and approval. The DBE Performance Improvement Plan will describe the specific actions and measures that Design-Builder will undertake to improve its performance with respect to the requirements of clauses (a) and (b) of Section 1.4.2 of this **Exhibit 23** with respect to the DBE goals for the Work. Design-Builder will submit the DBE Performance Improvement Plan to Department within fifteen (15) days after receiving notice from Department pursuant to Section 1.4 of this **Exhibit 23** that Design-Builder has failed to satisfy the requirements of clause (a) of Section 1.4.2 of this **Exhibit 23** and has failed to satisfy the requirements of clause (b) of Section 1.4.2 of this **Exhibit 23** of the General Conditions of Contract. Design-Builder shall pay Department for Department's costs in reviewing, approving and monitoring Design-Builder's compliance with the DBE Performance Improvement Plan until Design-Builder satisfies the requirements of either clause (a) or (b) of Section 1.4.2 of this **Exhibit 23** with respect to the DBE goals for the Work.

.3 If Design-Builder has failed to satisfy the requirements of clause (a) of Section 1.4.2 of this **Exhibit 23** and has failed to satisfy the requirements of clause (b) of Section 1.4.2 of this **Exhibit 23** with respect to the DBE goals for the Work for three (3) consecutive quarters based on the determination by Department pursuant to Section 1.4.2 of this **Exhibit 23**, Department may debar or disqualify the Key Members from participating in state procurements through Department until the earlier to occur of (x) Design-Builder satisfies the requirements of either clause (a) or clause (b) of Section 1.4.2 of this **Exhibit 23** with respect to the DBE goals for the Work or (y) twenty-four (24) months after the effective date of the debarment. Only the Commissioner of Highways may waive the provisions of this Section 1.5 of this **Exhibit 23**.

.4 If Department determines at any time that Design-Builder has satisfied the requirements of either clause (a) or clause (b) of Section 1.4.2 of this **Exhibit 23** with respect to the DBE goals for the Work performed to date with respect to the applicable calendar quarter,

then any prior determinations by Department of Design-Builder's failure to satisfy the requirements of clause (a) of Section 1.4.2 of this **Exhibit 23** and has failed to satisfy the requirements of clause (b) of Section 1.4.2 of this **Exhibit 23** with respect to such DBE goals will be disregarded, Design-Builder will be deemed to be in compliance with this Section 1.4 of this **Exhibit 23**, and any future determinations of a failure to satisfy the requirements of clause (a) of Section 1.4.2 of this **Exhibit 23** and a failure to satisfy the requirements of clause (b) of Section 1.4.2 of this **Exhibit 23** with respect to such DBE goals will be pursuant to the provisions set forth in Section 1.5.1 of this **Exhibit 23**.

.5 Any decision or action taken by Department pursuant to Section 1.5 of **Exhibit 23** of the General Conditions of Contract is subject to the dispute resolution procedures set forth in Section 10.2 of the General Conditions of Contract.

1.6 Trainee and Apprenticeship Participation Program. Department will require trainee and apprenticeship participation for the Project. The on-the-job trainee goal for the Project is [●] individuals.

Section 2. SWaM Matters

2.1 General

.1 The parties recognize the importance of pursuing, inviting and developing the participation of minority, women-owned and small businesses through the SWaM program, where applicable.

.2 Design-Builder shall not permit its Subcontractors to discriminate on the basis of race, color, national origin, or sex in the performance of the Agreement. Design-Builder shall carry out applicable requirements of Executive Order 33 (2006), in the award and administration of the Agreement and the award and administration of Subcontracts pursuant to the Agreement.

.3 Failure by Design-Builder to carry out the requirements in this Section 2 of this **Exhibit 23** relating to SWaM participation will subject Design-Builder to only the remedies set forth in Section 2.4 of this **Exhibit 23** and shall not result in a termination of the Agreement. If debarment occurs as a result of the Department's exercise of such remedies, such debarment shall not result in a termination of the Agreement.

2.2 Design-Builder's Work

.1 During performance of the Work, in an effort to support Executive Order 33 (2006), Private Party, Department has established a goal of [●]% for SWaM participation, such percentage relating to the Contract Price, but excluding amounts paid by Design-Builder for the following components thereof: [●].

.2 Design-Builder agrees to manage the foregoing goals as follows:

(a) Design-Builder will submit an updated DBE/SWaM Plan on each anniversary of the issuance of NTP prior to the Final Completion Date that defines Design-Builder's approach to meeting the SWaM goals;

(b) Design-Builder will have dedicated resources to the SWaM inclusion program to ensure compliance with Executive Order 33 (2006), the DBE/SWaM Plan, nondiscrimination provisions, technical assistance activities, communication of subcontracting opportunities and to generate reports specific to SWaM utilization;

(c) Design-Builder will be responsible for either achieving or making Good Faith Efforts to achieve the SWaM goals by providing maximum contracting opportunities for SWaM businesses;

(d) Design-Builder will provide to the Department each calendar quarter documentation of all executed Subcontracts and payments to SWaM businesses;

(e) Design-Builder will have the opportunity to establish SWaM-only statement of work packages; and

(f) Design-Builder will provide Good Faith Efforts documentation using Form C-49 and other supplemental information as appropriate for Subcontracts that do not include SWaM participation. Design-Builder agrees that if Department accepts the Good Faith Efforts documentation on a particular bid item group, Design-Builder will make reasonable efforts to accomplish the overall SWaM goal using other bid item groups.

.3 During the performance of the Work, the parties will work cooperatively to accomplish the applicable SWaM objectives. Department will provide reasonable assistance to Design-Builder, including by:

(a) jointly conducting outreach meetings for SWaM firms;

(b) identifying to Design-Builder firms that are eligible to bid on specific bid item groups; and

(c) providing access to technical and managerial assistance to eligible SWaM firms, including in part, through the Department's Civil Rights Division and the Business and Workforce Development Center (subject to the availability of funds).

.4 Design-Builder acknowledges and agrees that Department's assistance and cooperation will not eliminate or reduce Design-Builder's responsibility to achieve the SWaM goals or demonstrate Good Faith Efforts in pursuit of the SWaM goal. Design-Builder shall utilize a variety of means and methods and creative strategies to meet the SWaM goal. The

Design-Builder shall employ such strategies for all phases of the Project. Design-Builder is expected to meet the SWaM goals or demonstrate that a Good Faith Effort has been made. Design-Builder shall submit to Department quarterly reports of Good Faith Efforts documentation and payments made to SWaM firms on Form C-63.

2.3 SWaM Reporting and Assessment

.1 Design-Builder will report to Department quarterly, within fifteen (15) days after each calendar quarter ends, Design-Builder's efforts to (a) satisfy the SWaM goals set forth in this Section 2.14 of the General Conditions of Contract or (b) demonstrate Good Faith Efforts to accomplish the SWaM goals set forth in this Section 2.2.1 of this **Exhibit 23**.

.2 Department will assess, confirm and communicate to Design-Builder within thirty (30) days after receiving each quarterly report whether Design-Builder has (a) satisfied the SWaM goals, (b) demonstrated Good Faith Efforts or (c) failed to satisfy the requirements of clauses (a) and (b) of this Section 2.3.2 of **Exhibit 23**.

2.4 Failure to Demonstrate Good Faith Efforts

.1 If Department notifies Design-Builder pursuant to Section 2.4.3 of this **Exhibit 23** that Design-Builder has failed to satisfy the requirements of clauses (a) of Section 2.3.2 of this **Exhibit 23** and has failed to satisfy the requirements of clause (b) of Section 2.3.2 of this **Exhibit 23** with respect to the SWaM goals for the Work for a quarterly period, Design-Builder will have until the end of the next consecutive quarter to demonstrate that it has satisfied the requirements of either clause (a) or (b) of Section 2.3.2 of this **Exhibit 23** with respect to such SWaM goals.

.2 If Design-Builder has failed to satisfy the requirements of clause (a) of Section 2.3.2 of this **Exhibit 23** of Contract and has failed to satisfy the requirements of clause (b) of Section 2.3.2 of this **Exhibit 23** with respect to the SWaM goals for the Work for two consecutive quarters based on the determination by Department pursuant to Section 2.4.3 of this **Exhibit 23**, Design-Builder will prepare and submit, at Design-Builder's sole cost and expense, a SWaM performance improvement plan ("**SWaM Performance Improvement Plan**") for Department's review and approval. The SWaM Performance Improvement Plan will describe the specific actions and measures that Design-Builder will undertake to improve its performance with respect to the requirements of clauses (a) and (b) of Section 2.3.2 of this **Exhibit 23** with respect to the SWaM goals for the Work. Design-Builder will submit the SWaM Performance Improvement Plan to Department within fifteen (15) days after receiving notice from Department pursuant to Section 2.4.3 of this **Exhibit 23** that Design-Builder has failed to satisfy the requirements of clause (a) of Section 2.3.2 of this **Exhibit 23** and has failed to satisfy the requirements of clause (b) of Section 2.3.2 of this **Exhibit 23**. Design-Builder shall pay Department for Department's costs in reviewing, approving and monitoring Design-Builder's compliance with the SWaM Performance Improvement Plan until Design-Builder satisfies the

requirements of either clause (a) or (b) of Section 2.3.2 of this **Exhibit 23** with respect to the SWaM goals for the Work.

.3 If Design-Builder has failed to satisfy the requirements of clause (a) of Section 2.3.2 of this **Exhibit 23** and has failed to satisfy the requirements of clause (b) of Section 2.3.2 of this **Exhibit 23** with respect to the SWaM goals for the Work for three (3) consecutive quarters based on the determination by Department pursuant to Section 2.3 of this **Exhibit 23**, Department may debar or disqualify the Key Members from participating in state procurements through Department until the earlier to occur of (x) Design-Builder satisfies the requirements of either clause (a) or clause (b) of Section 2.3.2 of this **Exhibit 23** with respect to the DBE goals for the Work or (y) twenty-four (24) months after the effective date of the debarment. Only the Commissioner of Highways may waive the provisions of this Section 2.14 of this **Exhibit 23**.

.4 If Department determines at any time that Design-Builder has satisfied the requirements of either clause (a) or clause (b) of Section 2.3.2 of this **Exhibit 23** with respect to the DBE goals for the Work performed to date with respect to the applicable calendar quarter, then any prior determinations by Department of Design-Builder's failure to satisfy the requirements of clause (a) of Section 2.3.2 of this **Exhibit 23** and has failed to satisfy the requirements of clause (b) of Section 2.3.2 of this **Exhibit 23** with respect to such DBE goals will be disregarded, Design-Builder will be deemed to be in compliance with this Section 2.4 of this **Exhibit 23**, and any future determinations of a failure to satisfy the requirements of clause (a) of Section 2.3.2 of this **Exhibit 23** and a failure to satisfy the requirements of clause (b) of Section 2.3.2 of this **Exhibit 23** with respect to such DBE goals will be pursuant to the provisions set forth in Section 2.4.1 of this **Exhibit 23**.

.5 Any decision or action taken by Department pursuant to Section 2.4.4 of this **Exhibit 23** is subject to the dispute resolution procedures set forth in Section 10.2 of the General Conditions of Contract.

EXHIBIT 24
FORM OF ESCROW AGREEMENT

[To be attached]

EXHIBIT 25
REFERENCE INFORMATION INDEX

[To be attached]



RFP REFERENCE INFORMATION

MAY 21, 2018

01 Survey and Mapping

Folder/File Name	Folder/File Size	Status	Release Date	Notes
> Landside Survey				
>> 01 Survey TXT Files				
upc 110577 alt a mainline highway control.txt	25 KB	Released	May 21, 2018	
upc 110577 alt a monument control.txt	2 KB	Released	May 21, 2018	
upc 110577 alt a tunnel control.txt	3 KB	Released	May 21, 2018	
upc 110577 alt a work point and target control.txt	10 KB	Released	May 21, 2018	
>> 02 Survey DGN Files				
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s110577_clearances.dgn	148 KB	Released	May 21, 2018	
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s110577_cunningham drive wb over i-64.dgn	39 KB	Released	May 21, 2018	
s110577_east pembroke avenue.dgn	50 KB	Released	May 21, 2018	
s110577_hr tunnel(WB).dgn	174 KB	Released	May 21, 2018	
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s110577_i-64 eb south bridge.dgn	112 KB	Released	May 21, 2018	
s110577_i-64 hov on 564 over little creek road.dgn	43 KB	Released	May 21, 2018	



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Folder/File Name	Folder/File Size	Status	Release Date	Notes
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s110577_i-64 over pine chapel road.dgn	64 KB	Released	May 21, 2018	
s110577_i-64 over rip rap road.dgn	50 KB	Released	May 21, 2018	
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Folder/File Name	Folder/File Size	Status	Release Date	Notes
sdt110577_i-64 eb over 4th view street.dgn	56 KB	Released	May 21, 2018	
sdt110577_i-64 eb over admiral taussig blvd.dgn	59 KB	Released	May 21, 2018	
sdt110577_i-64 eb over bayville street.dgn	51 KB	Released	May 21, 2018	
sdt110577_i-64 eb over granby street.dgn	63 KB	Released	May 21, 2018	
sdt110577_i-64 eb over hampton river north.dgn	68 KB	Released	May 21, 2018	
sdt110577_i-64 eb over hampton river south.dgn	60 KB	Released	May 21, 2018	
sdt110577_i-64 eb over little creek road.dgn	68 KB	Released	May 21, 2018	
sdt110577_i-64 eb over mason creek road.dgn	52 KB	Released	May 21, 2018	
sdt110577_i-64 eb over oastes creek.dgn	64 KB	Released	May 21, 2018	
sdt110577_i-64 eb over patrol road.dgn	52 KB	Released	May 21, 2018	
sdt110577_i-64 eb over west bayview blvd.dgn	51 KB	Released	May 21, 2018	
sdt110577_i-64 eb over west evans street.dgn	51 KB	Released	May 21, 2018	
sdt110577_i-64 eb over west ocean avenue.dgn	80 KB	Released	May 21, 2018	
sdt110577_i-64 eb ramp to i-664_sdt.dgn	63 KB	Released	May 21, 2018	
sdt110577_i-64 eb ramp to lasalle avenue.dgn	54 KB	Released	May 21, 2018	
sdt110577_i-64 eb ramp to west mercury blvd.dgn	66 KB	Released	May 21, 2018	
sdt110577_i-64 eb south bridge.dgn	132 KB	Released	May 21, 2018	
sdt110577_i-64 hov on 564 over little creek road.dgn	56 KB	Released	May 21, 2018	
sdt110577_i-64 over lasalle avenue.dgn	54 KB	Released	May 21, 2018	
sdt110577_i-64 over north armistead avenue.dgn	56 KB	Released	May 21, 2018	
sdt110577_i-64 over north king street.dgn	54 KB	Released	May 21, 2018	
sdt110577_i-64 over pine chapel road.dgn	67 KB	Released	May 21, 2018	
sdt110577_i-64 over rip rap road.dgn	54 KB	Released	May 21, 2018	
sdt110577_i-64 over settlers landing road.dgn	57 KB	Released	May 21, 2018	
sdt110577_i-64 over west mercury blvd.dgn	76 KB	Released	May 21, 2018	
sdt110577_i-64 wb at willoughby spit.dgn	104 KB	Released	May 21, 2018	
sdt110577_i-64 wb north bridge.dgn	122 KB	Released	May 21, 2018	
sdt110577_i-64 wb on 564.dgn	77 KB	Released	May 21, 2018	
sdt110577_i-64 wb over 1st view street.dgn	51 KB	Released	May 21, 2018	
sdt110577_i-64 wb over 4th view street.dgn	52 KB	Released	May 21, 2018	
sdt110577_i-64 wb over bayville street.dgn	51 KB	Released	May 21, 2018	
sdt110577_i-64 wb over granby street.dgn	56 KB	Released	May 21, 2018	
sdt110577_i-64 wb over hampton river.dgn	96 KB	Released	May 21, 2018	
sdt110577_i-64 wb over little creek road.dgn	69 KB	Released	May 21, 2018	
sdt110577_i-64 wb over mason creek road.dgn	52 KB	Released	May 21, 2018	
sdt110577_i-64 wb over oastes creek.dgn	70 KB	Released	May 21, 2018	
sdt110577_i-64 wb over patrol road.dgn	70 KB	Released	May 21, 2018	
sdt110577_i-64 wb over west bayview blvd.dgn	52 KB	Released	May 21, 2018	
sdt110577_i-64 wb over west evans street.dgn	51 KB	Released	May 21, 2018	
sdt110577_i-64 wb over west ocean avenue.dgn	79 KB	Released	May 21, 2018	
sdt110577_i-64 wb ramp to i-664.dgn	62 KB	Released	May 21, 2018	
sdt110577_i-64 wb south bridge.dgn	133 KB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
sdt110577_i-664 nb to i-64.dgn	96 KB	Released	May 21, 2018	
sdt110577_north armistead avenue over newmarket creek.dgn	53 KB	Released	May 21, 2018	
sdt110577_north_island.dgn	2.12 MB	Released	May 21, 2018	
sdt110577_south island.dgn	4.45 MB	Released	May 21, 2018	
sdt110577_south mallory street over i-64.dgn	70 KB	Released	May 21, 2018	
sdt110577_southside hov over granby street.dgn	57 KB	Released	May 21, 2018	
sdt110577_southside hov over little creek road.dgn	59 KB	Released	May 21, 2018	
sdt110577_w mercury blvd eb ramp to i-64 wb over i-64.dgn	67 KB	Released	May 21, 2018	
sdt110577_w mercury blvd eb ramp to i-64 wb over loop.dgn	70 KB	Released	May 21, 2018	
sdt110577_w mercury blvd eb ramp to i-64 wb over w mercury.dgn	42 KB	Released	May 21, 2018	
spo110577.dgn		Released	May 21, 2018	
str110577_area 1.dgn		Released	May 21, 2018	
str110577_area 2.dgn	10.86 MB	Released	May 21, 2018	
str110577_area 3.dgn	14.18 MB	Released	May 21, 2018	
str110577_area 4.dgn	10.27 MB	Released	May 21, 2018	
str110577_area 5.dgn	12.95 MB	Released	May 21, 2018	
str110577_area 6.dgn	7.33 MB	Released	May 21, 2018	
str110577_area 7.dgn	14.62 MB	Released	May 21, 2018	
str110577_cunningham drive eb over i-64.dgn	55 KB	Released	May 21, 2018	
str110577_cunningham drive wb over i-64.dgn	67 KB	Released	May 21, 2018	
str110577_east pembroke avenue.dgn	54 KB	Released	May 21, 2018	
str110577_hr tunnel(WB).dgn	239 KB	Released	May 21, 2018	
str110577_hr tunnel.dgn	211 KB	Released	May 21, 2018	
str110577_i-64 eb at willoughby spit.dgn	117 KB	Released	May 21, 2018	
str110577_i-64 eb loop from lasalle avenue_triangles.dgn	56 KB	Released	May 21, 2018	
str110577_i-64 eb north bridge.dgn	137 KB	Released	May 21, 2018	
str110577_i-64 eb off 564 over little creek road.dgn	73 KB	Released	May 21, 2018	
str110577_i-64 eb off 564.dgn	67 KB	Released	May 21, 2018	
str110577_i-64 eb on 564.dgn	53 KB	Released	May 21, 2018	
str110577_i-64 eb over 1st view street.dgn	51 KB	Released	May 21, 2018	
str110577_i-64 eb over 4th view street.dgn	51 KB	Released	May 21, 2018	
str110577_i-64 eb over admiral taussig blvd.dgn	59 KB	Released	May 21, 2018	
str110577_i-64 eb over bayville street.dgn	50 KB	Released	May 21, 2018	
str110577_i-64 eb over granby street.dgn	54 KB	Released	May 21, 2018	
str110577_i-64 eb over hampton river north.dgn	73 KB	Released	May 21, 2018	
str110577_i-64 eb over hampton river south.dgn	61 KB	Released	May 21, 2018	
str110577_i-64 eb over little creek road.dgn	68 KB	Released	May 21, 2018	
str110577_i-64 eb over mason creek road.dgn	52 KB	Released	May 21, 2018	
str110577_i-64 eb over oastes creek.dgn	68 KB	Released	May 21, 2018	
str110577_i-64 eb over patrol road.dgn	51 KB	Released	May 21, 2018	
str110577_i-64 eb over west bayview blvd.dgn	51 KB	Released	May 21, 2018	
str110577_i-64 eb over west evans street.dgn	23 KB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
str110577_i-64 eb over west ocean avenue.dgn	87 KB	Released	May 21, 2018	
str110577_i-64 eb ramp to i-664.dgn	69 KB	Released	May 21, 2018	
str110577_i-64 eb ramp to lasalle avenue.dgn	55 KB	Released	May 21, 2018	
str110577_i-64 eb ramp to west mercury blvd.dgn	67 KB	Released	May 21, 2018	
str110577_i-64 eb south bridge.dgn	149 KB	Released	May 21, 2018	
str110577_i-64 hov on 564 over little creek road.dgn	51 KB	Released	May 21, 2018	
str110577_i-64 over lasalle avenue.dgn	55 KB	Released	May 21, 2018	
str110577_i-64 over north armistead avenue.dgn	57 KB	Released	May 21, 2018	
str110577_i-64 over north king street.dgn	25 KB	Released	May 21, 2018	
str110577_i-64 over pine chapel road.dgn	65 KB	Released	May 21, 2018	
str110577_i-64 over rip rap road.dgn	53 KB	Released	May 21, 2018	
str110577_i-64 over settlers landing road.dgn	57 KB	Released	May 21, 2018	
str110577_i-64 over west mercury blvd.dgn	70 KB	Released	May 21, 2018	
str110577_i-64 wb at willoughby spit.dgn	260 KB	Released	May 21, 2018	
str110577_i-64 wb north bridge.dgn	138 KB	Released	May 21, 2018	
str110577_i-64 wb on 564.dgn	81 KB	Released	May 21, 2018	
str110577_i-64 wb over 1st view street.dgn	51 KB	Released	May 21, 2018	
str110577_i-64 wb over 4th view street.dgn	56 KB	Released	May 21, 2018	
str110577_i-64 wb over bayville street.dgn	50 KB	Released	May 21, 2018	
str110577_i-64 wb over granby street.dgn	56 KB	Released	May 21, 2018	
str110577_i-64 wb over hampton river.dgn	108 KB	Released	May 21, 2018	
str110577_i-64 wb over little creek road.dgn	50 KB	Released	May 21, 2018	
str110577_i-64 wb over mason creek road.dgn	52 KB	Released	May 21, 2018	
str110577_i-64 wb over oastes creek.dgn	73 KB	Released	May 21, 2018	
str110577_i-64 wb over patrol road.dgn	66 KB	Released	May 21, 2018	
str110577_i-64 wb over west bayview blvd.dgn	51 KB	Released	May 21, 2018	
str110577_i-64 wb over west evans street.dgn	51 KB	Released	May 21, 2018	
str110577_i-64 wb over west ocean avenue.dgn	122 KB	Released	May 21, 2018	
str110577_i-64 wb ramp to i-664.dgn	67 KB	Released	May 21, 2018	
str110577_i-64 wb south bridge.dgn	153 KB	Released	May 21, 2018	
str110577_i-664 nb to i-64.dgn	234 KB	Released	May 21, 2018	
str110577_north armistead avenue over newmarket creek.dgn	54 KB	Released	May 21, 2018	
str110577_north_island.dgn	1.46 MB	Released	May 21, 2018	
str110577_south island.dgn	2.95 MB	Released	May 21, 2018	
str110577_south mallory street over i-64.dgn	56 KB	Released	May 21, 2018	
str110577_southside hov over granby street.dgn	54 KB	Released	May 21, 2018	
str110577_w mercury blvd eb ramp to i-64 wb over i-64.dgn	63 KB	Released	May 21, 2018	
str110577_w mercury blvd eb ramp to i-64 wb over loop.dgn	66 KB	Released	May 21, 2018	
str110577_w mercury blvd eb ramp to i-64 wb over w mercury.dgn	64 KB	Released	May 21, 2018	
str110577southside hov over little creek road.dgn	60 KB	Released	May 21, 2018	
su110577.dgn		Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
>> 03 Survey TIN Files				
s110577_area 1.tin		Released	May 21, 2018	
s110577_area 2.tin	51.11 MB	Released	May 21, 2018	
s110577_area 3.tin	69.57 MB	Released	May 21, 2018	
s110577_area 4.tin	50.67 MB	Released	May 21, 2018	
s110577_area 5.tin	64.95 MB	Released	May 21, 2018	
s110577_area 6.tin	36.57 MB	Released	May 21, 2018	
s110577_area 7.tin	71.75 MB	Released	May 21, 2018	
s110577_cunningham drive eb over i-64.tin	28 KB	Released	May 21, 2018	
s110577_cunningham drive wb over i-64.tin	28 KB	Released	May 21, 2018	
s110577_east pembroke avenue.tin	25 KB	Released	May 21, 2018	
s110577_hr tunnel(WB).tin	681 KB	Released	May 21, 2018	
s110577_hr tunnel.tin	777 KB	Released	May 21, 2018	
s110577_i-64 eb at willoughby spit.tin	321 KB	Released	May 21, 2018	
s110577_i-64 eb loop from lasalle avenue.tin	30 KB	Released	May 21, 2018	
s110577_i-64 eb north bridge.tin	313 KB	Released	May 21, 2018	
s110577_i-64 eb off 564 over little creek road.tin	43 KB	Released	May 21, 2018	
s110577_i-64 eb off 564.tin	26 KB	Released	May 21, 2018	
s110577_i-64 eb on 564.tin	21 KB	Released	May 21, 2018	
s110577_i-64 eb over 1st view street.tin	13 KB	Released	May 21, 2018	
s110577_i-64 eb over 4th view street.tin	14 KB	Released	May 21, 2018	
s110577_i-64 eb over admiral taussig blvd.tin	45 KB	Released	May 21, 2018	
s110577_i-64 eb over bayville street.tin	11 KB	Released	May 21, 2018	
s110577_i-64 eb over granby street.tin	23 KB	Released	May 21, 2018	
s110577_i-64 eb over hampton river north.tin	107 KB	Released	May 21, 2018	
s110577_i-64 eb over hampton river south.tin	57 KB	Released	May 21, 2018	
s110577_i-64 eb over little creek road.tin	25 KB	Released	May 21, 2018	
s110577_i-64 eb over mason creek road.tin	13 KB	Released	May 21, 2018	
s110577_i-64 eb over oastes creek.tin	75 KB	Released	May 21, 2018	
s110577_i-64 eb over patrol road.tin	12 KB	Released	May 21, 2018	
s110577_i-64 eb over west bayview blvd.tin	12 KB	Released	May 21, 2018	
s110577_i-64 eb over west evans street.tin	11 KB	Released	May 21, 2018	
s110577_i-64 eb over west ocean avenue.tin	151 KB	Released	May 21, 2018	
s110577_i-64 eb ramp to i-664.tin	75 KB	Released	May 21, 2018	
s110577_i-64 eb ramp to lasalle avenue.tin	28 KB	Released	May 21, 2018	
s110577_i-64 eb ramp to west mercury blvd.tin	36 KB	Released	May 21, 2018	
s110577_i-64 eb south bridge.tin	328 KB	Released	May 21, 2018	
s110577_i-64 hov on 564 over little creek road.tin	13 KB	Released	May 21, 2018	
s110577_i-64 over lasalle avenue.tin	25 KB	Released	May 21, 2018	
s110577_i-64 over north armistead avenue.tin	36 KB	Released	May 21, 2018	
s110577_i-64 over north king street.tin	24 KB	Released	May 21, 2018	
s110577_i-64 over pine chapel road.tin	33 KB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
s110577_i-64 over rip rap road.tin	23 KB	Released	May 21, 2018	
s110577_i-64 over settlers landing road.tin	36 KB	Released	May 21, 2018	
s110577_i-64 over west mercury blvd.tin	52 KB	Released	May 21, 2018	
s110577_i-64 wb at willoughby spit.tin	323 KB	Released	May 21, 2018	
s110577_i-64 wb north bridge.tin	323 KB	Released	May 21, 2018	
s110577_i-64 wb on 564.tin	135 KB	Released	May 21, 2018	
s110577_i-64 wb over 1st view street.tin	12 KB	Released	May 21, 2018	
s110577_i-64 wb over 4th view street.tin	15 KB	Released	May 21, 2018	
s110577_i-64 wb over bayville street.tin	11 KB	Released	May 21, 2018	
s110577_i-64 wb over granby street.tin	33 KB	Released	May 21, 2018	
s110577_i-64 wb over hampton river.tin	210 KB	Released	May 21, 2018	
s110577_i-64 wb over little creek road.tin	49 KB	Released	May 21, 2018	
s110577_i-64 wb over mason creek road.tin	14 KB	Released	May 21, 2018	
s110577_i-64 wb over oastes creek.tin	95 KB	Released	May 21, 2018	
s110577_i-64 wb over patrol road.tin	14 KB	Released	May 21, 2018	
s110577_i-64 wb over west bayview blvd.tin	12 KB	Released	May 21, 2018	
s110577_i-64 wb over west evans street.tin	11 KB	Released	May 21, 2018	
s110577_i-64 wb over west ocean avenue.tin	148 KB	Released	May 21, 2018	
s110577_i-64 wb ramp to i-664.tin	66 KB	Released	May 21, 2018	
s110577_i-64 wb south bridge.tin	382 KB	Released	May 21, 2018	
s110577_i-664 nb to i-64.tin	258 KB	Released	May 21, 2018	
s110577_north armistead avenue over newmarket creek.tin	23 KB	Released	May 21, 2018	
s110577_north_island.tin	6.86 MB	Released	May 21, 2018	
s110577_south island.tin	14.37 MB	Released	May 21, 2018	
s110577_south mallory street over i-64.tin	30 KB	Released	May 21, 2018	
s110577_southside hov over granby street.tin	20 KB	Released	May 21, 2018	
s110577_southside hov over little creek road.tin	50 KB	Released	May 21, 2018	
s110577_w mercury blvd eb ramp to i-64 wb over i-64.tin	20 KB	Released	May 21, 2018	
s110577_w mercury blvd eb ramp to i-64 wb over loop.tin	15 KB	Released	May 21, 2018	
s110577_w mercury blvd eb ramp to i-64 wb over w mercury.tin	26 KB	Released	May 21, 2018	
>> 04 Aerial HMR Files				
area01_a.hmr	68.50 MB	Released	May 21, 2018	
area01_b.hmr	53.72 MB	Released	May 21, 2018	
area01_c.hmr	55.57 MB	Released	May 21, 2018	
area01_d.hmr	68.50 MB	Released	May 21, 2018	
area01_e.hmr	55.57 MB	Released	May 21, 2018	
area01_f.hmr	53.72 MB	Released	May 21, 2018	
area01_g.hmr	55.57 MB	Released	May 21, 2018	
area01_h.hmr	68.50 MB	Released	May 21, 2018	
area02_a.hmr	65.43 MB	Released	May 21, 2018	
area02_b.hmr	56.98 MB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
area02_c.hmr	98.20 MB	Released	May 21, 2018	
area02_d.hmr	56.98 MB	Released	May 21, 2018	
area02_e.hmr	55.06 MB	Released	May 21, 2018	
area02_f.hmr	56.98 MB	Released	May 21, 2018	
area02_g.hmr	55.57 MB	Released	May 21, 2018	
area02_h.hmr	55.57 MB	Released	May 21, 2018	
area02_i.hmr	55.57 MB	Released	May 21, 2018	
area02_j.hmr	55.57 MB	Released	May 21, 2018	
area02_k.hmr	56.98 MB	Released	May 21, 2018	
area02_l.hmr	56.98 MB	Released	May 21, 2018	
area02_m.hmr	56.98 MB	Released	May 21, 2018	
area02_n.hmr	56.98 MB	Released	May 21, 2018	
area03_a.hmr	55.57 MB	Released	May 21, 2018	
area03_b.hmr	55.57 MB	Released	May 21, 2018	
area03_c.hmr	56.98 MB	Released	May 21, 2018	
area03_d.hmr	56.98 MB	Released	May 21, 2018	
area03_e.hmr	65.43 MB	Released	May 21, 2018	
area03_f.hmr	70.23 MB	Released	May 21, 2018	
area03_g.hmr	56.98 MB	Released	May 21, 2018	
area03_h.hmr	56.98 MB	Released	May 21, 2018	
area03_i.hmr	65.43 MB	Released	May 21, 2018	
area03_j.hmr	70.23 MB	Released	May 21, 2018	
area03_k.hmr	110.56 MB	Released	May 21, 2018	
area03_l.hmr	68.50 MB	Released	May 21, 2018	
area03_m.hmr	68.50 MB	Released	May 21, 2018	
area04_a.hmr	92.89 MB	Released	May 21, 2018	
area04_b.hmr	92.89 MB	Released	May 21, 2018	
area04_c.hmr	88.73 MB	Released	May 21, 2018	
area04_d.hmr	90.59 MB	Released	May 21, 2018	
area04_e.hmr	90.59 MB	Released	May 21, 2018	
area04_f.hmr	90.59 MB	Released	May 21, 2018	
area04_g.hmr	92.89 MB	Released	May 21, 2018	
area04_h.hmr	92.89 MB	Released	May 21, 2018	
area05_a.hmr	92.89 MB	Released	May 21, 2018	
area05_b.hmr	92.89 MB	Released	May 21, 2018	
area05_c.hmr	142.24 MB	Released	May 21, 2018	
area05_d.hmr	92.89 MB	Released	May 21, 2018	
area05_e.hmr	92.89 MB	Released	May 21, 2018	
area05_f.hmr	92.89 MB	Released	May 21, 2018	
area05_g.hmr	92.89 MB	Released	May 21, 2018	
area06_a.hmr	145.70 MB	Released	May 21, 2018	
area06_b.hmr	142.24 MB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
area06_c.hmr	90.59 MB	Released	May 21, 2018	
area06_d.hmr	68.37 MB	Released	May 21, 2018	
area07_a.hmr	92.89 MB	Released	May 21, 2018	
area07_b.hmr	68.37 MB	Released	May 21, 2018	
area07_d.hmr	92.89 MB	Released	May 21, 2018	
area07_e.hmr	92.89 MB	Released	May 21, 2018	
area07_f.hmr	92.89 MB	Released	May 21, 2018	
area07_g.hmr	90.59 MB	Released	May 21, 2018	
area07_h.hmr	92.89 MB	Released	May 21, 2018	
area07_i.hmr	145.70 MB	Released	May 21, 2018	
area07_k.hmr	121.18 MB	Released	May 21, 2018	
northisland_a.hmr	75.54 MB	Released	May 21, 2018	
northisland_b.hmr	92.89 MB	Released	May 21, 2018	
northisland_c.hmr	92.89 MB	Released	May 21, 2018	
northisland_d.hmr	92.89 MB	Released	May 21, 2018	
northisland_e.hmr	92.89 MB	Released	May 21, 2018	
southisland_a.hmr	70.23 MB	Released	May 21, 2018	
southisland_b.hmr	68.50 MB	Released	May 21, 2018	
southisland_c.hmr	68.50 MB	Released	May 21, 2018	
southisland_d.hmr	70.23 MB	Released	May 21, 2018	
southisland_e.hmr	70.23 MB	Released	May 21, 2018	
southisland_f.hmr	68.50 MB	Released	May 21, 2018	
southisland_g.hmr	73.69 MB	Released	May 21, 2018	
southisland_h.hmr	70.23 MB	Released	May 21, 2018	
southisland_i.hmr	70.23 MB	Released	May 21, 2018	
southisland_j.hmr	68.50 MB	Released	May 21, 2018	
southisland_k.hmr	68.50 MB	Released	May 21, 2018	
>> 05 Aerial PDF File - Too Large to Post				
hmr_tiffs.pdf	159.65 MB	Released	May 21, 2018	Provided on USB drive
>> 06 Island POD Files - Too Large to Post				
hrbt - northern island lidar combined.pod	581.40 MB	Released	May 21, 2018	Provided on USB drive
hrbt - southern island lidar combined.pod	695.34 MB	Released	May 21, 2018	Provided on USB drive
>> 07 Point Cloud RAR Files - Too Large to Post				
Norfolk_Northern_Part_Classified Point Cloud_ALL_POINTS_P1.rar	938.91 MB	Released	May 21, 2018	Provided on USB drive
Norfolk_Northern_Part_Classified Point Cloud_ALL_POINTS_P2.rar	569.72 MB	Released	May 21, 2018	Provided on USB drive
Norfolk_Southern_Part_Classified Point Cloud_ALL_POINTS.rar	1.09 GB	Released	May 21, 2018	Provided on USB drive
> Marine Survey				

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
>> Bathymetry				
>>> Original Client Files Bathymetry				
1336_Run_2 East Side North Bound Lane(LABELED).bmp	115.67 MB	Released	May 21, 2018	
1336_Run_2 East Side North Bound Lane(LABELED).bmp.aux.xml	1 KB	Released	May 21, 2018	
1336_Run_2 East Side North Bound Lane(LABELED).bmp.ovr	12.86 MB	Released	May 21, 2018	
1412_Run_1 East Side North Bound Lane(LABELED).bmp	129.73 MB	Released	May 21, 2018	
1521_Bewteen Bridges From Sm Boat Chan South(LABELED) .bmp.aux.xml	1 KB	Released	May 21, 2018	
1521_Bewteen Bridges From Small Boat Channel South(LABELED) .bmp	37.17 MB	Released	May 21, 2018	
1521_Bewteen Bridges From Small Boat Channel South(LABELED) .bmp.ovr	4.59 MB	Released	May 21, 2018	
1535_Run_1 West Side South Bound Lane(LABELED).bmp	117.36 MB	Released	May 21, 2018	
1658_Between Bridges From South Island To Sm Boat Chan (LABELED).bmp	61.33 MB	Released	May 21, 2018	
log	1 KB	Released	May 21, 2018	
M130_DEM_2meters.tfw	1 KB	Released	May 21, 2018	
M130_DEM_2meters.tif	447 KB	Released	May 21, 2018	
M130_DEM_2meters.tif.aux.xml	1 KB	Released	May 21, 2018	
M130_DEM_2meters.tif.vat.cpg	1 KB	Released	May 21, 2018	
M130_DEM_2meters.tif.vat.dbf	1 KB	Released	May 21, 2018	
tile_17.aux.xml	1 KB	Released	May 21, 2018	
tile_171.aux.xml	1 KB	Released	May 21, 2018	
waters_under_2_meters062816_83ft.cpg	1 KB	Released	May 21, 2018	
waters_under_2_meters062816_83ft.dbf	242 KB	Released	May 21, 2018	
waters_under_2_meters062816_83ft.prj	1 KB	Released	May 21, 2018	
waters_under_2_meters062816_83ft.sbn	113 KB	Released	May 21, 2018	
waters_under_2_meters062816_83ft.sbx	5 KB	Released	May 21, 2018	
waters_under_2_meters062816_83ft.shp	5.93 MB	Released	May 21, 2018	
waters_under_2_meters062816_83ft.shx	93 KB	Released	May 21, 2018	
>>> raster				
>>>> bathymaintin				
prj.adf	1 KB	Released	May 21, 2018	
tdenv9.adf	1 KB	Released	May 21, 2018	
tedg.adf	2.01 MB	Released	May 21, 2018	
thul.adf	1 KB	Released	May 21, 2018	
tmsk.adf	22 KB	Released	May 21, 2018	
tmsx.adf	1 KB	Released	May 21, 2018	
tnod.adf	2.01 MB	Released	May 21, 2018	
tnodinfo.adf	168 KB	Released	May 21, 2018	
tnxy.adf	1.34 MB	Released	May 21, 2018	
tnz.adf	336 KB	Released	May 21, 2018	
>>>> bathysetin				
prj.adf	1 KB	Released	May 21, 2018	
tdenv9.adf	1 KB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
tedg.adf	131 KB	Released	May 21, 2018	
thul.adf	1 KB	Released	May 21, 2018	
tmsk.adf	2 KB	Released	May 21, 2018	
tmsx.adf	1 KB	Released	May 21, 2018	
tnod.adf	131 KB	Released	May 21, 2018	
tnodinfo.adf	11 KB	Released	May 21, 2018	
tnxy.adf	87 KB	Released	May 21, 2018	
tnz.adf	22 KB	Released	May 21, 2018	
bathymain.tif	3.57 MB	Released	May 21, 2018	
bathymain.tif.aux.xml	3 KB	Released	May 21, 2018	
bathymain.tif.ovr	936 KB	Released	May 21, 2018	
bathyse2.tfw	1 KB	Released	May 21, 2018	
bathyse2.tif	1.74 MB	Released	May 21, 2018	
bathyse2.tif.aux.xml	3 KB	Released	May 21, 2018	
bathyse2.tif.ovr	462 KB	Released	May 21, 2018	
>>> shapefiles				
bathy_contour_1ft.dbf	36 KB	Released	May 21, 2018	
bathy_contour_1ft.prj	1 KB	Released	May 21, 2018	
bathy_contour_1ft.sbn	14 KB	Released	May 21, 2018	
bathy_contour_1ft.sbx	1 KB	Released	May 21, 2018	
bathy_contour_1ft.shp	10.19 MB	Released	May 21, 2018	
bathy_contour_1ft.shx	12 KB	Released	May 21, 2018	
bathy_contour_2ft.dbf	15 KB	Released	May 21, 2018	
bathy_contour_2ft.prj	1 KB	Released	May 21, 2018	
bathy_contour_2ft.sbn	6 KB	Released	May 21, 2018	
bathy_contour_2ft.sbx	1 KB	Released	May 21, 2018	
bathy_contour_2ft.shp	5.06 MB	Released	May 21, 2018	
bathy_contour_2ft.shx	5 KB	Released	May 21, 2018	
bathy_N_S_Mid.CPG	1 KB	Released	May 21, 2018	
bathy_N_S_Mid.dbf	4.34 MB	Released	May 21, 2018	
bathy_N_S_Mid.prj	1 KB	Released	May 21, 2018	
bathy_N_S_Mid.sbn	835 KB	Released	May 21, 2018	
bathy_N_S_Mid.sbx	18 KB	Released	May 21, 2018	
bathy_N_S_Mid.shp	3.90 MB	Released	May 21, 2018	
bathy_N_S_Mid.shp.xml	7 KB	Released	May 21, 2018	
bathy_N_S_Mid.shx	710 KB	Released	May 21, 2018	
bathy_SEbridge.cpg	1 KB	Released	May 21, 2018	
bathy_SEbridge.dbf	266 KB	Released	May 21, 2018	
bathy_SEbridge.prj	1 KB	Released	May 21, 2018	
bathy_SEbridge.sbn	53 KB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
bathy_SEbridge.sbx	2 KB	Released	May 21, 2018	
bathy_SEbridge.shp	239 KB	Released	May 21, 2018	
bathy_SEbridge.shp.xml	7 KB	Released	May 21, 2018	
bathy_SEbridge.shx	44 KB	Released	May 21, 2018	
bathyse_contour_1ft.dbf	1 KB	Released	May 21, 2018	
bathyse_contour_1ft.prj	1 KB	Released	May 21, 2018	
bathyse_contour_1ft.sbn	1 KB	Released	May 21, 2018	
bathyse_contour_1ft.sbx	1 KB	Released	May 21, 2018	
bathyse_contour_1ft.shp	415 KB	Released	May 21, 2018	
bathyse_contour_1ft.shx	1 KB	Released	May 21, 2018	
>> General				
>>> nautical charts				
>>>> 12245				
12245.BSB	1 KB	Released	May 21, 2018	
12245_1.KAP	6.65 MB	Released	May 21, 2018	
12245_1.KAP.aux.xml	2 KB	Released	May 21, 2018	
12245_1.KAP.ovr	2.65 MB	Released	May 21, 2018	
USERAGREEMENT.TXT	6 KB	Released	May 21, 2018	
400-01-1930.jgwx	1 KB	Released	May 21, 2018	
400-01-1930.jpg	22.27 MB	Released	May 21, 2018	
400-01-1930.jpg.aux.xml	3 KB	Released	May 21, 2018	
400-01-1930.txt	3 KB	Released	May 21, 2018	
400-01-1944.jgwx	1 KB	Released	May 21, 2018	
400-01-1944.jpg	21.57 MB	Released	May 21, 2018	
400-01-1944.jpg.aux.xml	3 KB	Released	May 21, 2018	
400-01-1944.txt	3 KB	Released	May 21, 2018	
400-04-1893.jgwx	1 KB	Released	May 21, 2018	
400-04-1893.jpg	9.25 MB	Released	May 21, 2018	
400-04-1893.jpg.aux.xml	3 KB	Released	May 21, 2018	
400-04-1893.txt	3 KB	Released	May 21, 2018	
400-07-1915.jgwx	1 KB	Released	May 21, 2018	
400-07-1915.jpg	32.74 MB	Released	May 21, 2018	
400-07-1915.jpg.aux.xml	7 KB	Released	May 21, 2018	
400-07-1915.txt	3 KB	Released	May 21, 2018	
403-00-1857.jgwx	1 KB	Released	May 21, 2018	
403-00-1857.jpg	5.50 MB	Released	May 21, 2018	
403-00-1857.jpg.aux.xml	12 KB	Released	May 21, 2018	
403-00-1857.txt	3 KB	Released	May 21, 2018	
1902_NOAA_OCS.jgwx	1 KB	Released	May 21, 2018	

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1902_NOAA_OCS.jpg	35.57 MB	Released	May 21, 2018	
1902_NOAA_OCS.jpg.aux.xml	4 KB	Released	May 21, 2018	
1908_NOAA_OCS.jgwx	1 KB	Released	May 21, 2018	
1908_NOAA_OCS.jpg	37.33 MB	Released	May 21, 2018	
1908_NOAA_OCS.jpg.aux.xml	4 KB	Released	May 21, 2018	
1919_NOAA_OCS.jgwx	1 KB	Released	May 21, 2018	
1919_NOAA_OCS.jpg	35.47 MB	Released	May 21, 2018	
1919_NOAA_OCS.jpg.aux.xml	4 KB	Released	May 21, 2018	
1931_NOAA_OCS.jgwx	1 KB	Released	May 21, 2018	
1931_NOAA_OCS.jpg	21.61 MB	Released	May 21, 2018	
1931_NOAA_OCS.jpg.aux.xml	4 KB	Released	May 21, 2018	
1966_NOAA_OCS.jgwx	1 KB	Released	May 21, 2018	
1966_NOAA_OCS.jpg	23.18 MB	Released	May 21, 2018	
1966_NOAA_OCS.jpg.aux.xml	4 KB	Released	May 21, 2018	
>>> shapefiles				
anomaly_mag.cpg	1 KB	Released	May 21, 2018	
anomaly_mag.dbf	443 KB	Released	May 21, 2018	
anomaly_mag.prj	1 KB	Released	May 21, 2018	
anomaly_mag.sbn	4 KB	Released	May 21, 2018	
anomaly_mag.sbx	1 KB	Released	May 21, 2018	
anomaly_mag.shp	9 KB	Released	May 21, 2018	
anomaly_mag.shx	3 KB	Released	May 21, 2018	
anomaly_SSS.cpg	1 KB	Released	May 21, 2018	
anomaly_SSS.dbf	48 KB	Released	May 21, 2018	
anomaly_SSS.prj	1 KB	Released	May 21, 2018	
anomaly_SSS.sbn	1 KB	Released	May 21, 2018	
anomaly_SSS.sbx	1 KB	Released	May 21, 2018	
anomaly_SSS.shp	2 KB	Released	May 21, 2018	
anomaly_SSS.shx	1 KB	Released	May 21, 2018	
Shipwrecks_general.cpg	1 KB	Released	May 21, 2018	
Shipwrecks_general.dbf	1 KB	Released	May 21, 2018	
Shipwrecks_general.prj	1 KB	Released	May 21, 2018	
Shipwrecks_general.sbn	1 KB	Released	May 21, 2018	
Shipwrecks_general.sbx	1 KB	Released	May 21, 2018	
Shipwrecks_general.shp	1 KB	Released	May 21, 2018	
Shipwrecks_general.shx	1 KB	Released	May 21, 2018	
Shipwrecks_general_point.cpg	1 KB	Released	May 21, 2018	
Shipwrecks_general_point.dbf	1 KB	Released	May 21, 2018	
Shipwrecks_general_point.prj	1 KB	Released	May 21, 2018	
Shipwrecks_general_point.sbn	1 KB	Released	May 21, 2018	
Shipwrecks_general_point.sbx	1 KB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
Shipwrecks_general_point.shp	1 KB	Released	May 21, 2018	
Shipwrecks_general_point.shx	1 KB	Released	May 21, 2018	
shoreline_changes.cpg	1 KB	Released	May 21, 2018	
shoreline_changes.dbf	1 KB	Released	May 21, 2018	
shoreline_changes.prj	1 KB	Released	May 21, 2018	
shoreline_changes.sbn	1 KB	Released	May 21, 2018	
shoreline_changes.sbx	1 KB	Released	May 21, 2018	
shoreline_changes.shp	37 KB	Released	May 21, 2018	
shoreline_changes.shx	1 KB	Released	May 21, 2018	
targets.cpg	1 KB	Released	May 21, 2018	
targets.dbf	3 KB	Released	May 21, 2018	
targets.prj	1 KB	Released	May 21, 2018	
targets.sbn	1 KB	Released	May 21, 2018	
targets.sbx	1 KB	Released	May 21, 2018	
targets.shp	69 KB	Released	May 21, 2018	
targets.shp.xml	12 KB	Released	May 21, 2018	
Willoughby_shipwrecks.cpg	1 KB	Released	May 21, 2018	
Willoughby_shipwrecks.dbf	1 KB	Released	May 21, 2018	
Willoughby_shipwrecks.prj	1 KB	Released	May 21, 2018	
Willoughby_shipwrecks.sbn	1 KB	Released	May 21, 2018	
Willoughby_shipwrecks.sbx	1 KB	Released	May 21, 2018	
Willoughby_shipwrecks.shp	3 KB	Released	May 21, 2018	
Willoughby_shipwrecks.shp.xml	12 KB	Released	May 21, 2018	
Willoughby_shipwrecks.shx	1 KB	Released	May 21, 2018	
>> Magnetic Data				
>>> raster				
>>>> mag_rstr_brdg				
dblnd.adf	1 KB	Released	May 21, 2018	
hdr.adf	1 KB	Released	May 21, 2018	
metadata.xml	6 KB	Released	May 21, 2018	
prj.adf	1 KB	Released	May 21, 2018	
sta.adf	1 KB	Released	May 21, 2018	
w001001.adf	4.96 MB	Released	May 21, 2018	
w001001x.adf	3 KB	Released	May 21, 2018	
>>>> mag_rstr_main				
dblnd.adf	1 KB	Released	May 21, 2018	
hdr.adf	1 KB	Released	May 21, 2018	
metadata.xml	6 KB	Released	May 21, 2018	
prj.adf	1 KB	Released	May 21, 2018	
sta.adf	1 KB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
w001001.adf	12.56 MB	Released	May 21, 2018	
w001001x.adf	10 KB	Released	May 21, 2018	
>>>> main_tin				
prj.adf	1 KB	Released	May 21, 2018	
tdenv9.adf	1 KB	Released	May 21, 2018	
tedg.adf	9.89 MB	Released	May 21, 2018	
thul.adf	1 KB	Released	May 21, 2018	
tmsk.adf	103 KB	Released	May 21, 2018	
tmsx.adf	1 KB	Released	May 21, 2018	
tnod.adf	9.89 MB	Released	May 21, 2018	
tnodinfo.adf	824 KB	Released	May 21, 2018	
tnxy.adf	6.59 MB	Released	May 21, 2018	
tnz.adf	1.65 MB	Released	May 21, 2018	
>>>> tinbridgese				
prj.adf	1 KB	Released	May 21, 2018	
tdenv9.adf	1 KB	Released	May 21, 2018	
tedg.adf	651 KB	Released	May 21, 2018	
thul.adf	1 KB	Released	May 21, 2018	
tmsk.adf	7 KB	Released	May 21, 2018	
tmsx.adf	1 KB	Released	May 21, 2018	
tnod.adf	651 KB	Released	May 21, 2018	
tnodinfo.adf	55 KB	Released	May 21, 2018	
tnxy.adf	434 KB	Released	May 21, 2018	
tnz.adf	109 KB	Released	May 21, 2018	
mag_rstr_brdg.aux.xml	1 KB	Released	May 21, 2018	
mag_rstr_brdg.ovr	279 KB	Released	May 21, 2018	
mag_rstr_main.aux.xml	1 KB	Released	May 21, 2018	
mag_rstr_main.ovr	670 KB	Released	May 21, 2018	
mag_tracklines.cpg	1 KB	Released	May 21, 2018	
mag_tracklines.dbf	21.57 MB	Released	May 21, 2018	
mag_tracklines.prj	1 KB	Released	May 21, 2018	
mag_tracklines.sbn	3.99 MB	Released	May 21, 2018	
mag_tracklines.sbx	45 KB	Released	May 21, 2018	
mag_tracklines.shp	19.36 MB	Released	May 21, 2018	
mag_tracklines.shp.xml	7 KB	Released	May 21, 2018	
mag_tracklines.shx	3.52 MB	Released	May 21, 2018	
mainrast2500.aux.xml	2 KB	Released	May 21, 2018	
mainrast2500.ovr	729 KB	Released	May 21, 2018	
rasterbridge.tfw	1 KB	Released	May 21, 2018	
rasterbridge.tif	1.52 MB	Released	May 21, 2018	
rasterbridge.tif.aux.xml	3 KB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
rasterbridge.tif.ovr	410 KB	Released	May 21, 2018	
rnnobs2500k.aux.xml	2 KB	Released	May 21, 2018	
rnnobs2500k.ovr	972 KB	Released	May 21, 2018	
sebridgerast.aux.xml	1 KB	Released	May 21, 2018	
sebridgerast.ovr	5 KB	Released	May 21, 2018	
>>> shapefiles				
contour_200ft.dbf	40 KB	Released	May 21, 2018	
contour_200ft.prj	1 KB	Released	May 21, 2018	
contour_200ft.sbn	16 KB	Released	May 21, 2018	
contour_200ft.sbx	1 KB	Released	May 21, 2018	
contour_200ft.shp	4.02 MB	Released	May 21, 2018	
contour_200ft.shx	13 KB	Released	May 21, 2018	
contour_500ft.dbf	17 KB	Released	May 21, 2018	
contour_500ft.prj	1 KB	Released	May 21, 2018	
contour_500ft.sbn	7 KB	Released	May 21, 2018	
contour_500ft.sbx	1 KB	Released	May 21, 2018	
contour_500ft.shp	1.70 MB	Released	May 21, 2018	
contour_500ft.shx	6 KB	Released	May 21, 2018	
contour_1000ft.dbf	9 KB	Released	May 21, 2018	
contour_1000ft.prj	1 KB	Released	May 21, 2018	
contour_1000ft.sbn	4 KB	Released	May 21, 2018	
contour_1000ft.sbx	1 KB	Released	May 21, 2018	
contour_1000ft.shp	990 KB	Released	May 21, 2018	
contour_1000ft.shx	3 KB	Released	May 21, 2018	
mag_lines_bridgeSE.cpg	1 KB	Released	May 21, 2018	
mag_lines_bridgeSE.dbf	1.33 MB	Released	May 21, 2018	
mag_lines_bridgeSE.prj	1 KB	Released	May 21, 2018	
mag_lines_bridgeSE.sbn	250 KB	Released	May 21, 2018	
mag_lines_bridgeSE.sbx	5 KB	Released	May 21, 2018	
mag_lines_bridgeSE.shp	1.19 MB	Released	May 21, 2018	
mag_lines_bridgeSE.shp.USGRM2LT17013.9868.9896.sr.lock	0 KB	Released	May 21, 2018	
mag_lines_bridgeSE.shp.xml	7 KB	Released	May 21, 2018	
mag_lines_bridgeSE.shx	217 KB	Released	May 21, 2018	
mag_lines_main.CPG	1 KB	Released	May 21, 2018	
mag_lines_main.dbf	20.19 MB	Released	May 21, 2018	
mag_lines_main.prj	1 KB	Released	May 21, 2018	
mag_lines_main.sbn	3.77 MB	Released	May 21, 2018	
mag_lines_main.sbx	46 KB	Released	May 21, 2018	
mag_lines_main.shp	18.13 MB	Released	May 21, 2018	
mag_lines_main.shp.USGRM2LT17013.9868.9896.sr.lock	0 KB	Released	May 21, 2018	
mag_lines_main.shp.xml	7 KB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
mag_lines_main.shx	3.30 MB	Released	May 21, 2018	
mag_lines_mainrev.CPG	1 KB	Released	May 21, 2018	
mag_lines_mainrev.dbf	28.01 MB	Released	May 21, 2018	
mag_lines_mainrev.prj	1 KB	Released	May 21, 2018	
mag_lines_mainrev.sbn	3.77 MB	Released	May 21, 2018	
mag_lines_mainrev.sbx	46 KB	Released	May 21, 2018	
mag_lines_mainrev.shp	18.13 MB	Released	May 21, 2018	
mag_lines_mainrev.shp.xml	7 KB	Released	May 21, 2018	
mag_lines_mainrev.shx	3.30 MB	Released	May 21, 2018	
marine_survey_lines.cpg	1 KB	Released	May 21, 2018	
marine_survey_lines.dbf	87 KB	Released	May 21, 2018	
marine_survey_lines.prj	1 KB	Released	May 21, 2018	
marine_survey_lines.sbn	1 KB	Released	May 21, 2018	
marine_survey_lines.sbx	1 KB	Released	May 21, 2018	
marine_survey_lines.shp	19 KB	Released	May 21, 2018	
marine_survey_lines.shx	1 KB	Released	May 21, 2018	
secontour_500ft.dbf	2 KB	Released	May 21, 2018	
secontour_500ft.prj	1 KB	Released	May 21, 2018	
secontour_500ft.sbn	1 KB	Released	May 21, 2018	
secontour_500ft.sbx	1 KB	Released	May 21, 2018	
secontour_500ft.shp	503 KB	Released	May 21, 2018	
secontour_500ft.shx	1 KB	Released	May 21, 2018	
>> Side Scan				
>>> Mid Channel SSS				
MCL1a.bmp	17.61 MB	Released	May 21, 2018	
MCL1a.bmp.aux.xml	3 KB	Released	May 21, 2018	
MCL1a.bmp.ovr	1.49 MB	Released	May 21, 2018	
MCL1a.bpx	1 KB	Released	May 21, 2018	
MCL1b.bmp	33.96 MB	Released	May 21, 2018	
MCL1b.bmp.aux.xml	8 KB	Released	May 21, 2018	
MCL1b.bmp.ovr	2.81 MB	Released	May 21, 2018	
MCL1b.bpx	1 KB	Released	May 21, 2018	
MCL2_0949.bmp	43.75 MB	Released	May 21, 2018	
MCL2_0949.bmp.aux.xml	3 KB	Released	May 21, 2018	
MCL2_0949.bmp.ovr	3.74 MB	Released	May 21, 2018	
MCL2_0949.bpx	1 KB	Released	May 21, 2018	
MCL3a_1037.bmp	26.45 MB	Released	May 21, 2018	
MCL3a_1037.bmp.aux.xml	3 KB	Released	May 21, 2018	
MCL3a_1037.bmp.ovr	2.20 MB	Released	May 21, 2018	
MCL3a_1037.bpx	1 KB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
MCL4_1053.bmp	47.88 MB	Released	May 21, 2018	
MCL4_1053.bmp.aux.xml	3 KB	Released	May 21, 2018	
MCL4_1053.bmp.ovr	4.35 MB	Released	May 21, 2018	
MCL4_1053.bpx	1 KB	Released	May 21, 2018	
MCL5_1119.bmp	43.03 MB	Released	May 21, 2018	
MCL5_1119.bmp.aux.xml	3 KB	Released	May 21, 2018	
MCL5_1119.bmp.ovr	3.82 MB	Released	May 21, 2018	
MCL5_1119.bpx	1 KB	Released	May 21, 2018	
MCL6_1149.bmp	36.96 MB	Released	May 21, 2018	
MCL6_1149.bmp.aux.xml	6 KB	Released	May 21, 2018	
MCL6_1149.bmp.ovr	3.16 MB	Released	May 21, 2018	
MCL6_1149.bpx	1 KB	Released	May 21, 2018	
MCL7_1210.bmp	32.01 MB	Released	May 21, 2018	
MCL7_1210.bmp.aux.xml	6 KB	Released	May 21, 2018	
MCL7_1210.bmp.ovr	2.76 MB	Released	May 21, 2018	
MCL7_1210.bpx	1 KB	Released	May 21, 2018	
MCL8_1228.bmp	36.11 MB	Released	May 21, 2018	
MCL8_1228.bmp.aux.xml	6 KB	Released	May 21, 2018	
MCL8_1228.bmp.ovr	3.03 MB	Released	May 21, 2018	
MCL8_1228.bpx	1 KB	Released	May 21, 2018	
MCL9_1248.bmp	33.89 MB	Released	May 21, 2018	
MCL9_1248.bmp.aux.xml	6 KB	Released	May 21, 2018	
MCL9_1248.bmp.ovr	2.96 MB	Released	May 21, 2018	
MCL9_1248.bpx	1 KB	Released	May 21, 2018	
MCL10_1307.bmp	33.22 MB	Released	May 21, 2018	
MCL10_1307.bmp.aux.xml	6 KB	Released	May 21, 2018	
MCL10_1307.bmp.ovr	3.32 MB	Released	May 21, 2018	
MCL10_1307.bpx	1 KB	Released	May 21, 2018	
MCL11_1326.bmp	32.87 MB	Released	May 21, 2018	
MCL11_1326.bmp.aux.xml	6 KB	Released	May 21, 2018	
MCL11_1326.bmp.ovr	3.35 MB	Released	May 21, 2018	
MCL11_1326.bpx	1 KB	Released	May 21, 2018	
MCL12_1348.bmp	44.12 MB	Released	May 21, 2018	
MCL12_1348.bmp.aux.xml	8 KB	Released	May 21, 2018	
MCL12_1348.bmp.ovr	4.63 MB	Released	May 21, 2018	
MCL12_1348.bpx	1 KB	Released	May 21, 2018	
MCL13_1413.bmp	37.65 MB	Released	May 21, 2018	
MCL13_1413.bmp.aux.xml	6 KB	Released	May 21, 2018	
MCL13_1413.bmp.ovr	3.88 MB	Released	May 21, 2018	
MCL13_1413.bpx	1 KB	Released	May 21, 2018	
MCL14_1434.bmp	42.40 MB	Released	May 21, 2018	
MCL14_1434.bmp.aux.xml	6 KB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
MCL14_1434.bmp.ovr	4.33 MB	Released	May 21, 2018	
MCL14_1434.bpx	1 KB	Released	May 21, 2018	
MCL15_1457.bmp	39.07 MB	Released	May 21, 2018	
MCL15_1457.bmp.aux.xml	6 KB	Released	May 21, 2018	
MCL15_1457.bmp.ovr	3.94 MB	Released	May 21, 2018	
MCL15_1457.bpx	1 KB	Released	May 21, 2018	
>>> NORTH				
001_0851.tfw	1 KB	Released	May 21, 2018	
001_0851.tif	2.89 MB	Released	May 21, 2018	
001_0851.tif.aux.xml	2 KB	Released	May 21, 2018	
001_0851.tif.ovr	1.24 MB	Released	May 21, 2018	
001_0851.tif.xml	6 KB	Released	May 21, 2018	
001_1540.tfw	1 KB	Released	May 21, 2018	
001_1540.tif	206 KB	Released	May 21, 2018	
001_1540.tif.aux.xml	2 KB	Released	May 21, 2018	
001_1540.tif.ovr	101 KB	Released	May 21, 2018	
001_1540.tif.xml	6 KB	Released	May 21, 2018	
002_0901.tfw	1 KB	Released	May 21, 2018	
002_0901.tif	2.88 MB	Released	May 21, 2018	
002_0901.tif.aux.xml	2 KB	Released	May 21, 2018	
002_0901.tif.ovr	1.26 MB	Released	May 21, 2018	
002_0901.tif.xml	6 KB	Released	May 21, 2018	
003_0910.tfw	1 KB	Released	May 21, 2018	
003_0910.tif	376 KB	Released	May 21, 2018	
003_0910.tif.aux.xml	2 KB	Released	May 21, 2018	
003_0910.tif.ovr	176 KB	Released	May 21, 2018	
003_0910.tif.xml	6 KB	Released	May 21, 2018	
003_0911.tfw	1 KB	Released	May 21, 2018	
003_0911.tif	918 KB	Released	May 21, 2018	
003_0911.tif.aux.xml	2 KB	Released	May 21, 2018	
003_0911.tif.ovr	421 KB	Released	May 21, 2018	
003_0911.tif.xml	6 KB	Released	May 21, 2018	
003_0914.tfw	1 KB	Released	May 21, 2018	
003_0914.tif	1.99 MB	Released	May 21, 2018	
003_0914.tif.aux.xml	2 KB	Released	May 21, 2018	
003_0914.tif.ovr	895 KB	Released	May 21, 2018	
003_0914.tif.xml	6 KB	Released	May 21, 2018	
004_0922.tfw	1 KB	Released	May 21, 2018	
004_0922.tif	3.23 MB	Released	May 21, 2018	
004_0922.tif.aux.xml	2 KB	Released	May 21, 2018	
004_0922.tif.ovr	1.37 MB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
004_0922.tif.xml	6 KB	Released	May 21, 2018	
007_0937.fw	1 KB	Released	May 21, 2018	
007_0937.tif	2.65 MB	Released	May 21, 2018	
007_0937.tif.aux.xml	2 KB	Released	May 21, 2018	
007_0937.tif.ovr	1.18 MB	Released	May 21, 2018	
007_0937.tif.xml	6 KB	Released	May 21, 2018	
009_0954.fw	1 KB	Released	May 21, 2018	
009_0954.tif	1.45 MB	Released	May 21, 2018	
009_0954.tif.aux.xml	2 KB	Released	May 21, 2018	
009_0954.tif.ovr	666 KB	Released	May 21, 2018	
009_0954.tif.xml	6 KB	Released	May 21, 2018	
010_0947.fw	1 KB	Released	May 21, 2018	
010_0947.tif	2.38 MB	Released	May 21, 2018	
010_0947.tif.aux.xml	2 KB	Released	May 21, 2018	
010_0947.tif.ovr	1.06 MB	Released	May 21, 2018	
010_0947.tif.xml	6 KB	Released	May 21, 2018	
011_1004.fw	1 KB	Released	May 21, 2018	
011_1004.tif	2.32 MB	Released	May 21, 2018	
011_1004.tif.aux.xml	2 KB	Released	May 21, 2018	
011_1004.tif.ovr	1.04 MB	Released	May 21, 2018	
011_1004.tif.xml	6 KB	Released	May 21, 2018	
012_1011.fw	1 KB	Released	May 21, 2018	
012_1011.tif	2.88 MB	Released	May 21, 2018	
012_1011.tif.aux.xml	2 KB	Released	May 21, 2018	
012_1011.tif.ovr	1.27 MB	Released	May 21, 2018	
012_1011.tif.xml	6 KB	Released	May 21, 2018	
013_1023.fw	1 KB	Released	May 21, 2018	
013_1023.tif	2.77 MB	Released	May 21, 2018	
013_1023.tif.aux.xml	2 KB	Released	May 21, 2018	
013_1023.tif.ovr	1.20 MB	Released	May 21, 2018	
013_1023.tif.xml	6 KB	Released	May 21, 2018	
014_1032.fw	1 KB	Released	May 21, 2018	
014_1032.tif	3.75 MB	Released	May 21, 2018	
014_1032.tif.aux.xml	2 KB	Released	May 21, 2018	
014_1032.tif.ovr	1.58 MB	Released	May 21, 2018	
014_1032.tif.xml	6 KB	Released	May 21, 2018	
015_1044.fw	1 KB	Released	May 21, 2018	
015_1044.tif	3.31 MB	Released	May 21, 2018	
015_1044.tif.aux.xml	2 KB	Released	May 21, 2018	
015_1044.tif.ovr	1.41 MB	Released	May 21, 2018	
015_1044.tif.xml	6 KB	Released	May 21, 2018	
HSX_0518.fw	1 KB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
HSX_0518.tif	2.79 MB	Released	May 21, 2018	
HSX_0518.tif.aux.xml	2 KB	Released	May 21, 2018	
HSX_0518.tif.ovr	1.23 MB	Released	May 21, 2018	
HSX_0518.tif.xml	6 KB	Released	May 21, 2018	
>>> SE Bridge				
Sbrdg_L03.tfw	1 KB	Released	May 21, 2018	
Sbrdg_L03.tif	2.99 MB	Released	May 21, 2018	
Sbrdg_L03.tif.aux.xml	2 KB	Released	May 21, 2018	
Sbrdg_L03.tif.ovr	1.25 MB	Released	May 21, 2018	
Sbrdg_L03.tif.xml	6 KB	Released	May 21, 2018	
Sbrdg_L04.tfw	1 KB	Released	May 21, 2018	
Sbrdg_L04.tif	3.77 MB	Released	May 21, 2018	
Sbrdg_L04.tif.aux.xml	2 KB	Released	May 21, 2018	
Sbrdg_L04.tif.ovr	1.51 MB	Released	May 21, 2018	
Sbrdg_L04.tif.xml	6 KB	Released	May 21, 2018	
Sbrdg_L08.tfw	1 KB	Released	May 21, 2018	
Sbrdg_L08.tif	4.63 MB	Released	May 21, 2018	
Sbrdg_L08.tif.aux.xml	2 KB	Released	May 21, 2018	
Sbrdg_L08.tif.ovr	1.87 MB	Released	May 21, 2018	
Sbrdg_L08.tif.xml	6 KB	Released	May 21, 2018	
Sbrdg_L09.tfw	1 KB	Released	May 21, 2018	
Sbrdg_L09.tif	4.08 MB	Released	May 21, 2018	
Sbrdg_L09.tif.aux.xml	2 KB	Released	May 21, 2018	
Sbrdg_L09.tif.ovr	1.65 MB	Released	May 21, 2018	
Sbrdg_L09.tif.xml	6 KB	Released	May 21, 2018	
>>> SideScan_Mosaic.Overviews				
>>>> SideScanSonar.Overviews				
Ov_i02_L01_R0000D12F_C00010F48.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D12F_C00010F48.tif	3 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D12F_C00010F48.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D12F_C00010F48.tif.msk	1 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D133_C00010F46.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D133_C00010F46.tif	2.33 MB	Released	May 21, 2018	
Ov_i02_L01_R0000D133_C00010F46.tif.msk	45 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D133_C00010F47.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D133_C00010F47.tif	631 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D133_C00010F47.tif.msk	9 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D134_C00010F45.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D134_C00010F45.tif	840 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D134_C00010F45.tif.msk	32 KB	Released	May 21, 2018	

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Folder/File Name	Folder/File Size	Status	Release Date	Notes
Ov_i02_L01_R0000D134_C00010F46.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D134_C00010F46.tif	577 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D134_C00010F46.tif.msk	19 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D135_C00010F44.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D135_C00010F44.tif	127 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D135_C00010F44.tif.msk	11 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D135_C00010F45.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D135_C00010F45.tif	1.75 MB	Released	May 21, 2018	
Ov_i02_L01_R0000D135_C00010F45.tif.msk	41 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D136_C00010F44.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L01_R0000D136_C00010F44.tif	1.87 MB	Released	May 21, 2018	
Ov_i02_L01_R0000D136_C00010F44.tif.msk	48 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BA_C00005A6D.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BA_C00005A6D.tif	1.46 MB	Released	May 21, 2018	
Ov_i02_L02_R000045BA_C00005A6D.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BA_C00005A6D.tif.msk	31 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BA_C00005A6E.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BA_C00005A6E.tif	745 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BA_C00005A6E.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BA_C00005A6E.tif.msk	8 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BB_C00005A6C.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BB_C00005A6C.tif	794 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BB_C00005A6C.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BB_C00005A6C.tif.msk	38 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BB_C00005A6D.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BB_C00005A6D.tif	2.61 MB	Released	May 21, 2018	
Ov_i02_L02_R000045BB_C00005A6D.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BB_C00005A6D.tif.msk	75 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BC_C00005A6C.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BC_C00005A6C.tif	4.51 MB	Released	May 21, 2018	
Ov_i02_L02_R000045BC_C00005A6C.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BC_C00005A6C.tif.msk	68 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BC_C00005A6D.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BC_C00005A6D.tif	350 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BC_C00005A6D.tif.msk	11 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BD_C00005A6B.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BD_C00005A6B.tif	20 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BD_C00005A6B.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BD_C00005A6C.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BD_C00005A6C.tif	935 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BD_C00005A6C.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L02_R000045BD_C00005A6C.tif.msk	32 KB	Released	May 21, 2018	

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Ov_i02_L03_R0000173E_C00001E24.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L03_R0000173E_C00001E24.tif	1.76 MB	Released	May 21, 2018	
Ov_i02_L03_R0000173E_C00001E24.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L03_R0000173E_C00001E24.tif.msk	62 KB	Released	May 21, 2018	
Ov_i02_L03_R0000173F_C00001E23.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L03_R0000173F_C00001E23.tif	7 KB	Released	May 21, 2018	
Ov_i02_L03_R0000173F_C00001E23.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L03_R0000173F_C00001E23.tif.msk	3 KB	Released	May 21, 2018	
Ov_i02_L03_R0000173F_C00001E24.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L03_R0000173F_C00001E24.tif	132 KB	Released	May 21, 2018	
Ov_i02_L03_R0000173F_C00001E24.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L03_R0000173F_C00001E24.tif.msk	9 KB	Released	May 21, 2018	
Ov_i02_L04_R000007BF_C00000A0B.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L04_R000007BF_C00000A0B.tif	3 KB	Released	May 21, 2018	
Ov_i02_L04_R000007BF_C00000A0B.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L04_R000007BF_C00000A0B.tif.msk	1 KB	Released	May 21, 2018	
Ov_i02_L04_R000007BF_C00000A0C.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L04_R000007BF_C00000A0C.tif	234 KB	Released	May 21, 2018	
Ov_i02_L04_R000007BF_C00000A0C.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L04_R000007BF_C00000A0C.tif.msk	22 KB	Released	May 21, 2018	
Ov_i02_L05_R00000295_C00000359.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L05_R00000295_C00000359.tif	35 KB	Released	May 21, 2018	
Ov_i02_L05_R00000295_C00000359.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L05_R00000295_C00000359.tif.msk	7 KB	Released	May 21, 2018	
Ov_i02_L06_R000000DC_C0000011D.tfw	1 KB	Released	May 21, 2018	
Ov_i02_L06_R000000DC_C0000011D.tif	7 KB	Released	May 21, 2018	
Ov_i02_L06_R000000DC_C0000011D.tif.aux.xml	1 KB	Released	May 21, 2018	
Ov_i02_L06_R000000DC_C0000011D.tif.msk	2 KB	Released	May 21, 2018	
>>> SOUTH				
001_1144.tfw	1 KB	Released	May 21, 2018	
001_1144.tif	523 KB	Released	May 21, 2018	
001_1144.tif.aux.xml	2 KB	Released	May 21, 2018	
001_1144.tif.ovr	236 KB	Released	May 21, 2018	
001_1144.tif.xml	6 KB	Released	May 21, 2018	
001_1613.tfw	1 KB	Released	May 21, 2018	
001_1613.tif	1.56 MB	Released	May 21, 2018	
001_1613.tif.aux.xml	2 KB	Released	May 21, 2018	
001_1613.tif.ovr	698 KB	Released	May 21, 2018	
001_1613.tif.xml	6 KB	Released	May 21, 2018	
002_1638.tfw	1 KB	Released	May 21, 2018	
002_1638.tif	4.11 MB	Released	May 21, 2018	

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002_1638.tif.aux.xml	2 KB	Released	May 21, 2018	
002_1638.tif.ovr	1.73 MB	Released	May 21, 2018	
002_1638.tif.xml	6 KB	Released	May 21, 2018	
003_1122.tfw	1 KB	Released	May 21, 2018	
003_1122.tif	1.51 MB	Released	May 21, 2018	
003_1122.tif.aux.xml	2 KB	Released	May 21, 2018	
003_1122.tif.ovr	667 KB	Released	May 21, 2018	
003_1122.tif.xml	6 KB	Released	May 21, 2018	
003_1626.tfw	1 KB	Released	May 21, 2018	
003_1626.tif	2.05 MB	Released	May 21, 2018	
003_1626.tif.aux.xml	2 KB	Released	May 21, 2018	
003_1626.tif.ovr	896 KB	Released	May 21, 2018	
003_1626.tif.xml	6 KB	Released	May 21, 2018	
003_1654.tfw	1 KB	Released	May 21, 2018	
003_1654.tif	4.22 MB	Released	May 21, 2018	
003_1654.tif.aux.xml	2 KB	Released	May 21, 2018	
003_1654.tif.ovr	1.72 MB	Released	May 21, 2018	
003_1654.tif.xml	6 KB	Released	May 21, 2018	
3_ships.tfw	1 KB	Released	May 21, 2018	
3_ships.tif	1.33 MB	Released	May 21, 2018	
3_ships.tif.aux.xml	2 KB	Released	May 21, 2018	
3_ships.tif.ovr	590 KB	Released	May 21, 2018	
3_ships.tif.xml	6 KB	Released	May 21, 2018	
004_0853.tfw	1 KB	Released	May 21, 2018	
004_0853.tif	3.17 MB	Released	May 21, 2018	
004_0853.tif.aux.xml	2 KB	Released	May 21, 2018	
004_0853.tif.ovr	1.45 MB	Released	May 21, 2018	
004_0853.tif.xml	6 KB	Released	May 21, 2018	
004_1127.tfw	1 KB	Released	May 21, 2018	
004_1127.tif	1.24 MB	Released	May 21, 2018	
004_1127.tif.aux.xml	2 KB	Released	May 21, 2018	
004_1127.tif.ovr	544 KB	Released	May 21, 2018	
004_1127.tif.xml	6 KB	Released	May 21, 2018	
004_1633.tfw	1 KB	Released	May 21, 2018	
004_1633.tif	1.87 MB	Released	May 21, 2018	
004_1633.tif.aux.xml	2 KB	Released	May 21, 2018	
004_1633.tif.ovr	812 KB	Released	May 21, 2018	
004_1633.tif.xml	6 KB	Released	May 21, 2018	
005_0835.tfw	1 KB	Released	May 21, 2018	
005_0835.tif	3.96 MB	Released	May 21, 2018	
005_0835.tif.aux.xml	2 KB	Released	May 21, 2018	
005_0835.tif.ovr	1.69 MB	Released	May 21, 2018	

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005_0835.tif.xml	6 KB	Released	May 21, 2018	
005_1130.tfw	1 KB	Released	May 21, 2018	
005_1130.tif	1.42 MB	Released	May 21, 2018	
005_1130.tif.aux.xml	2 KB	Released	May 21, 2018	
005_1130.tif.ovr	626 KB	Released	May 21, 2018	
005_1130.tif.xml	6 KB	Released	May 21, 2018	
005_1547.tfw	1 KB	Released	May 21, 2018	
005_1547.tif	1.35 MB	Released	May 21, 2018	
005_1547.tif.aux.xml	2 KB	Released	May 21, 2018	
005_1547.tif.ovr	568 KB	Released	May 21, 2018	
005_1547.tif.xml	6 KB	Released	May 21, 2018	
005_1646.tfw	1 KB	Released	May 21, 2018	
005_1646.tif	220 KB	Released	May 21, 2018	
005_1646.tif.aux.xml	2 KB	Released	May 21, 2018	
005_1646.tif.ovr	110 KB	Released	May 21, 2018	
005_1646.tif.xml	6 KB	Released	May 21, 2018	
007_1736.tfw	1 KB	Released	May 21, 2018	
007_1736.tif	4.81 MB	Released	May 21, 2018	
007_1736.tif.aux.xml	2 KB	Released	May 21, 2018	
007_1736.tif.ovr	2.06 MB	Released	May 21, 2018	
007_1736.tif.xml	6 KB	Released	May 21, 2018	
012_1607.tfw	1 KB	Released	May 21, 2018	
012_1607.tif	5.25 MB	Released	May 21, 2018	
012_1607.tif.aux.xml	2 KB	Released	May 21, 2018	
012_1607.tif.ovr	2.25 MB	Released	May 21, 2018	
012_1607.tif.xml	6 KB	Released	May 21, 2018	
44NR0015andshipwreck_1.tfw	1 KB	Released	May 21, 2018	
44NR0015andshipwreck_1.tif	6.51 MB	Released	May 21, 2018	
44NR0015andshipwreck_1.tif.aux.xml	2 KB	Released	May 21, 2018	
44NR0015andshipwreck_1.tif.ovr	2.87 MB	Released	May 21, 2018	
44NR0015andshipwreck_1.tif.xml	6 KB	Released	May 21, 2018	
44NR0015andshipwreck_2.tfw	1 KB	Released	May 21, 2018	
44NR0015andshipwreck_2.tif	6.40 MB	Released	May 21, 2018	
44NR0015andshipwreck_2.tif.aux.xml	2 KB	Released	May 21, 2018	
44NR0015andshipwreck_2.tif.ovr	2.80 MB	Released	May 21, 2018	
44NR0015andshipwreck_2.tif.xml	6 KB	Released	May 21, 2018	
HSX_0516.tfw	1 KB	Released	May 21, 2018	
HSX_0516.tif	5.95 MB	Released	May 21, 2018	
HSX_0516.tif.aux.xml	2 KB	Released	May 21, 2018	
HSX_0516.tif.ovr	2.53 MB	Released	May 21, 2018	
HSX_0516.tif.xml	6 KB	Released	May 21, 2018	
SAL4_2.tfw	1 KB	Released	May 21, 2018	

01 Survey and Mapping

Folder/File Name	Folder/File Size	Status	Release Date	Notes
SAL4_2.tif	2.18 MB	Released	May 21, 2018	
SAL4_2.tif.aux.xml	2 KB	Released	May 21, 2018	
SAL4_2.tif.ovr	710 KB	Released	May 21, 2018	
SAL4_2.tif.xml	6 KB	Released	May 21, 2018	
SAL05_1.tfw	1 KB	Released	May 21, 2018	
SAL05_1.tif	5.17 MB	Released	May 21, 2018	
SAL05_1.tif.aux.xml	2 KB	Released	May 21, 2018	
SAL05_1.tif.ovr	2.33 MB	Released	May 21, 2018	
SAL05_1.tif.xml	6 KB	Released	May 21, 2018	
SAL05_2.tfw	1 KB	Released	May 21, 2018	
SAL05_2.tif	2.38 MB	Released	May 21, 2018	
SAL05_2.tif.aux.xml	2 KB	Released	May 21, 2018	
SAL05_2.tif.ovr	781 KB	Released	May 21, 2018	
SAL05_2.tif.xml	6 KB	Released	May 21, 2018	
SL1_1040_ADD_1.tfw	1 KB	Released	May 21, 2018	
SL1_1040_ADD_1.tif	6.10 MB	Released	May 21, 2018	
SL1_1040_ADD_1.tif.aux.xml	2 KB	Released	May 21, 2018	
SL1_1040_ADD_1.tif.ovr	2.70 MB	Released	May 21, 2018	
SL1_1040_ADD_1.tif.xml	6 KB	Released	May 21, 2018	
SL1_1040_ADD_2.tfw	1 KB	Released	May 21, 2018	
SL1_1040_ADD_2.tif	2.59 MB	Released	May 21, 2018	
SL1_1040_ADD_2.tif.aux.xml	2 KB	Released	May 21, 2018	
SL1_1040_ADD_2.tif.ovr	838 KB	Released	May 21, 2018	
SL1_1040_ADD_2.tif.xml	6 KB	Released	May 21, 2018	
SouthQuod_A_2.tfw	1 KB	Released	May 21, 2018	
SouthQuod_A_2.tif	3.32 MB	Released	May 21, 2018	
SouthQuod_A_2.tif.aux.xml	2 KB	Released	May 21, 2018	
SouthQuod_A_2.tif.ovr	1.43 MB	Released	May 21, 2018	
SouthQuod_A_2.tif.xml	6 KB	Released	May 21, 2018	
SouthQuod_A_3.tfw	1 KB	Released	May 21, 2018	
SouthQuod_A_3.tif	5.16 MB	Released	May 21, 2018	
SouthQuod_A_3.tif.aux.xml	2 KB	Released	May 21, 2018	
SouthQuod_A_3.tif.ovr	2.46 MB	Released	May 21, 2018	
SouthQuod_A_3.tif.xml	6 KB	Released	May 21, 2018	
SouthQuod_A_4.tfw	1 KB	Released	May 21, 2018	
SouthQuod_A_4.tif	3.37 MB	Released	May 21, 2018	
SouthQuod_A_4.tif.aux.xml	2 KB	Released	May 21, 2018	
SouthQuod_A_4.tif.ovr	1.47 MB	Released	May 21, 2018	
SouthQuod_A_4.tif.xml	6 KB	Released	May 21, 2018	
Subblock4s.tfw	1 KB	Released	May 21, 2018	
Subblock4s.tif	4.89 MB	Released	May 21, 2018	
Subblock4s.tif.aux.xml	2 KB	Released	May 21, 2018	

02 Environmental

Folder/File Name	Folder/File Size	Status	Release Date	Notes
> 01 Final SEIS and ROD				
>> 01 Record of Decision				
Comments on FSEIS - EPA.pdf	640 KB	Released	May 21, 2018	
Comments on FSEIS - USACE.pdf	85 KB	Released	May 21, 2018	
Comments on FSEIS - USCG.pdf	599 KB	Released	May 21, 2018	
HRCS SEIS ROD Request.pdf	191 KB	Released	May 21, 2018	
HRCS SEIS ROD Signed.pdf	1.18 MB	Released	May 21, 2018	
NOA.pdf	171 KB	Released	May 21, 2018	
SOL - No Claims.pdf	91 KB	Released	May 21, 2018	
SOL.pdf	213 KB	Released	May 21, 2018	
>> 02 Final SEIS by Chapter				
01 final_seis_cover.pdf	126 KB	Released	May 21, 2018	
02 signature.pdf	33 KB	Released	May 21, 2018	
03 hrcs_fseis_exec_sum.pdf	500 KB	Released	May 21, 2018	
04 hrcs_fseis_toc.pdf	303 KB	Released	May 21, 2018	
05 hrcs_fseis_chpt_1.pdf	5.77 MB	Released	May 21, 2018	
06 hrcs_fseis_chpt_2.pdf	7.05 MB	Released	May 21, 2018	
07 hrcs_fseis_chpt_3.pdf	23.25 MB	Released	May 21, 2018	
08 hrcs_fseis_chpt_4.pdf	321 KB	Released	May 21, 2018	
09 hrcs_fseis_chpt_5.pdf	286 KB	Released	May 21, 2018	
10 hrcs_fseis_chpt_6.pdf	445 KB	Released	May 21, 2018	
11 hrcs_fseis_chpt_7.pdf	620 KB	Released	May 21, 2018	
12 fseis_appendix_a_alignseg_ois.pdf	3.55 MB	Released	May 21, 2018	
13 fseis_appendix_b_alts_mapping.pdf	31.11 MB	Released	May 21, 2018	
14 fseis_appendix_c_cord_plan.pdf	549 KB	Released	May 21, 2018	
15 fseis_appendix_d_agency_coordination.pdf	19.29 MB	Released	May 21, 2018	
16 fseis_appendix_e_section_4f.pdf	9.24 MB	Released	May 21, 2018	
17 fseis_appendix_f_historical_topo_maps.pdf	10.44 MB	Released	May 21, 2018	
18 fseis_appendix_g_tech_docs.pdf	370 KB	Released	May 21, 2018	
19 fseis_appendix_h_response_to_comments.pdf	28.33 MB	Released	May 21, 2018	
20 fseis_appendix_i_programmatic_agreement.pdf	1.31 MB	Released	May 21, 2018	
>> 03 Supporting Technical Reports				
01 air_quality_technical_report.pdf	6.65 MB	Released	May 21, 2018	
02 air_quality_tr_appendices_a-d.pdf	15.49 MB	Released	May 21, 2018	
03 alternatives_technical_report.pdf	51.68 MB	Released	May 21, 2018	
04 archaeological_assessment.pdf	32.74 MB	Released	May 21, 2018	
05 architectural_survey_management_summary.pdf	37.83 MB	Released	May 21, 2018	
06 hazmat_technical_memorandum.pdf	3.91 MB	Released	May 21, 2018	



RFP REFERENCE INFORMATION

MAY 21, 2018

07 Traffic Engineering

Folder/File Name	Folder/File Size	Status	Release Date	Notes
> Corridor Safety Study				
01 IP-05 Safety Study Letter.pdf	261 KB	Released	May 21, 2018	
Category 2 Maintenance Project Safety Analysis Checklist I-64 EB.PDF	443 KB	Released	May 21, 2018	
Category 2 Maintenance Project Safety Analysis Checklist I-64 WB.PDF	442 KB	Released	May 21, 2018	
> Device Inventory				
HRBT TMS Equipment Inventory Mod2018.xls	105 KB	Released	May 21, 2018	
HRBT TOC ITS devices.xlsx	32 KB	Released	May 21, 2018	
> Traffic Data				
>> Data Summaries				
2016_hrbt_traffic_counts_and_volume_analysis.pdf	507 KB	Released	May 21, 2018	
historic_average_daily_traffic_counts.pdf	14 KB	Released	May 21, 2018	
>>> Monthly Traffic Counts				
hrbt_monthly_traffic_counts_-_1996.pdf	52 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_1997.pdf	67 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_1998.pdf	38 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_1999.pdf	30 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2000.pdf	53 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2001.pdf	34 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2002.pdf	54 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2003.pdf	73 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2004.pdf	54 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2005.pdf	46 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2006.pdf	84 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2007.pdf	57 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2008.pdf	67 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2009.pdf	69 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2010.pdf	62 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2011.pdf	59 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2012.pdf	147 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2013.pdf	158 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2014.pdf	64 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2015.pdf	63 KB	Released	May 21, 2018	
hrbt_monthly_traffic_counts_-_2016.pdf	136 KB	Released	May 21, 2018	

